Fosse Green Energy

Preliminary Environmental Information Report

VOLUME

3

Appendix 14-C: Glint and Glare Assessment

October 2024

Glint and Glare Assessment

Fosse Green Energy

03/10/2024

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1. EXECUTIVE SUMMARY

1.1. This assessment considers the potential impacts on ground-based receptors such as roads, rail and residential dwellings as well as aviation assets from Fosse Green Energy project (the 'Proposed Development'). A 1km study area around the Principal Site is considered adequate for the assessment of ground-based (residential, road, rail and bridleway) receptors, whilst a 30km study area is chosen for aviation receptors. Within the ground-based study areas of the Principal Site, there are 213 residential receptors, including 25 residential areas, 243 road receptors, 20 rail receptors and 82 bridleway receptors that were considered. As per the methodology section, where there are several residential receptors within close proximity, a representative dwelling or dwellings is/are chosen for full assessment as the impacts will not vary to any significant degree. Where small groups of receptors have been evident, the receptors on either end of the group have been assessed in detail. 10 residential receptors, including four residential areas, 26 road receptors, seven rail receptors and three bridleway receptors were dismissed as they are located within the no reflection zones (see paragraph 5.1 – 5.3). 35 aerodromes are located within the 30km study area; five of which, RAF Waddington, Peacocks Farm, South Hykeham Airfield, South Scarle Airfield and Blackmoor Farm required detailed assessments as the Principal Site is located within their respective safeguarding buffer zones. The other 30 aerodromes did not require a detailed assessment due to their size and/or orientation in relation to the Principal Site.

1.2. Geometric analysis was conducted at 203 individual residential receptors, including 21 residential areas, 217 road receptors, 13 rail receptors and 79 bridleway receptors. Also, geometric analysis was conducted at 12 runway approach paths and one Air Traffic Control Towers (ATCT) RAF Waddington, Peacocks Farm, South Hykeham Airfield, South Scarle Airfield and Blackmoor Farm.

1.3. The assessment concludes that:

- Solar reflections are possible at 160 of the 203 residential receptors assessed within the 1km study area. The initial bald-earth scenario identified potential impacts as High at 36 receptors, including seven residential areas, Medium at 22 receptors, including two residential areas, Low at 102 receptors, including 11 residential areas, and None at the remaining 43 receptors, including one residential area. Upon reviewing the actual visibility of the receptors, impacts remain High at 11 receptors and Medium at two receptors and reduce to Low at 47 receptors and to None at all remaining receptors. Once mitigation measures were considered, impacts reduce to Low at 33 receptors and to None at all remaining receptors. Therefore, overall impacts on residential receptors are considered to be Low.

- Solar reflections are possible at 217 of the 217 road receptors assessed within the 1km study area. The initial bald-earth scenario identified potential impacts as **High** at 156 receptors and **Low** at 60 receptors. Upon reviewing the actual visibility of the receptors, glint and glare impacts remain **High** at 31 receptors and reduce to **Low** at three receptors and **None** for all remaining road receptors. Once mitigation measures were considered, impacts reduce to **Low** at two receptors and to **None** at all remaining receptors. Therefore, overall impacts are considered to be **Low**.

- Solar reflections are possible at all of the 13 rail receptors assessed within the 1km study area. The initial bald-earth scenario identified potential impacts as **High** at five receptors and **Low** at eight receptors. Upon reviewing the actual visibility of the receptors, glint and glare impacts reduce to **None** for all rail receptors. Therefore, overall impacts on rail receptors are considered to be **None**.

- Solar reflections are possible at all of the 79 bridleway receptors assessed within the 1km study area. The initial bald-earth scenario identified potential impacts as **High** at 67 receptors and **Low** at 12 receptors. Upon reviewing the actual visibility of the receptors, glint and glare impacts remain **High** at 39 receptors and reduce to **Low** at 20 receptors and to **None** at 20 receptors. Once mitigation measures were considered, impacts reduce to **Low** at 14 receptors and to **None** at all remaining receptors. Therefore, overall impacts on bridleway receptors are considered to be **Low**.

- 12 runway approach paths and two ATCTs were assessed in detailed at RAF Waddington, Peacocks Farm, South Hykeham Airfield, South Scarle Airfield and Blackmoor Farm. Only green glare impacts were predicted for the Runway 20 approach path and ATCT at RAF Waddington and the Runway 24 approach path at Blackmoor Farm. Green glare and yellow glare impacts were predicted for the Runway 08 and 24 approach paths at Peacocks Farm, the Runway 10, 28, 13 and 31 approach paths at South Hykeham Airfield, the Runway 10 approach path at South Scarle Airfield and the Runway 06 Approach Path at Blackmoor Farm. Green glare is an **acceptable impact** upon runways according to FAA guidance. Upon reviewing the ground elevation profile between the ATCT at RAF Waddington and the Principal Site, the impacts upon the ATCT reduce to **None**. Upon inspection of the type of aircraft using Peacocks Farm, South Hykeham Airfield and Blackmoor Farm, time of impact, position of the sun and use of existing pilot mitigation strategies when landing in the direction of the sun, as well as the current UK and US guidance, all impacts at Peacocks Farm, South Hykeham Airfield, South Scarle Airfield

and Blackmoor Farm can be deemed **acceptable**. Overall impacts on aviation assets are **acceptable** and **Not Significant**.

1.4. **Mitigation** is required due to the impacts found for Residential Receptors 97, 101, 102, 122, 148, 155, 157, 159 – 164, Road Receptors 15 – 17, 20, 21, 23, 45, 80, 82 – 84, 93, 98 – 103, 113, 143 – 149, 177, 178 and 180 – 185 and Bridleway Receptors 2 – 6, 9 – 11, 14 – 16, 28 – 38, 54 – 62 and 65 – 71 being **High** or **Medium**. Mitigation measures have been suggested to screen the **Low impact** views from Residential Receptors 21 – 29, 38 – 40, 81, 82, 98, 100, 108, 109, 151, 156 and 196 – 199, Road Receptors 22 and 179 and Bridleway Receptors 8, 12, 13, 17 – 21, 27, 48, 49 and 75. This includes native hedgerows to be planted/infilled and maintained to a height of 3.5m along panel boundaries, field boundaries and bridleway boundaries as shown in the G&G Mitigation Planting figures (Figures 7A to 7C).

1.5. The effects of glint and glare and their impact on local receptors has been analysed in detail and there is predicted to be **Low** impacts at nine runway approach paths, whilst the remaining aviation receptors are predicted to have **No Impacts**. Impacts upon ground-based receptors are predicted to be **Low** or **None.** Therefore, overall impacts are **Not Significant**.

2. INTRODUCTION

BACKGROUND

2.1. Neo Environmental Ltd has been appointed by AECOM Ltd on behalf of Fosse Green Energy Limited (the 'Applicant') to undertake a Glint and Glare Assessment for a proposed solar farm development with Battery Energy Storage System (BESS) (the "Proposed Development") on lands approximately 9km southwest of Lincoln City Centre.

PROPOSED DEVELOPMENT DESCRIPTION

2.2. The Proposed Development would comprise the construction, operation and maintenance, and decommissioning of solar photovoltaic (PV) panels, Battery Energy Storage Systems (BESS) and associated infrastructure. Subject to being granted consent and following a final investment decision, the earliest that Proposed Development construction could start is in 2031 and the earliest date that operation could start is in 2033.

2.3. The Site comprises:

- The Principal Site would comprise the ground mounted solar PV panels, BESS, Onsite Substation, and associated infrastructure; and
- The Cable Corridor would comprise the 400 kilovolt (kV) Grid Connection Cables, linking the Onsite Substation (located within the Principal Site) to National Grid's proposed substation at Navenby, approximately 10km south-east of the Principal Site.

2.4. The Principal Site is the focus of this assessment, as this will be where the glint and glare impacts will originate from.

2.5. The BESS will either be distributed throughout the Principal Site (referred to as 'DC-coupled' arrangement), or located at a single BESS Compound (referred to as 'AC-coupled' arrangement). In case of the DC-coupled option the area of the BESS Compound would be used for the solar PV panels, and from the perspective of glint and glare assessment this presents the worst-case scenario (i.e. the largest amount of solar PV panels that could result in glint and glare). This assessment therefore considered the layout of the Principal Site for the DC-coupled BESS.

2.6. The Proposed Development considers two options for the solar PV panel arrangement: fixed south facing and single axis tracker. This report assesses both of these options as explained in section 4.

SITE DESCRIPTION

2.7. The Principal Site comprises of approximately 1,071ha of land contained within mainly agricultural fields. The field boundaries consist of hedgerows and trees. Ground levels within the Principal Site vary from approximately 10m Above Ordnance Datum (AOD) to 31m AOD in the northwestern part of the Principal Site.

2.8. The Principal Site is centred at approximate grid reference SK 90388 62514. The wider landscape contains he villages of Thorpe on the Hill, Witham St Hughes, Haddington, Thurlby, Navenby, and Bassingham. The Proposed Development is wholly located within North Kesteven District, Lincolnshire.

SCOPE OF REPORT

2.9. Although there may be small amounts of glint and glare from the metal structures associated with the solar PV panels, this is not likely to be significant and the main source of glint and glare will be from the solar PV panels themselves and this will be the focus of this assessment. Since the Cable Corridor comprises below ground infrastructure and does not comprise of reflective surfaces, there is no potential for glint and glare effects, therefore this is not considered further in this assessment.

2.10. Solar PV panels are designed to absorb as much light as possible and not to reflect it. However, glint can be produced as a reflection of the sun from the surface of the solar PV panel. This can also be described as a momentary flash. This may be an issue due to visual impact and viewer distraction on ground-based receptors and on aviation.

2.11. Glare is significantly less intense in comparison to glint and can be described as a continuous source of bright light, relative to diffused lighting. This is not a direct reflection of the sun, but a reflection of the sky around the sun.

2.12. This report focusses on the effects of glint and glare and its impact on local receptors and will be supported with the following Figures and Appendices.

- Appendix A: Figures
  - Figure 1A: Residential Receptor Map Overall;
  - Figure 1B: Residential Receptor Map Sheet 1B;
  - Figure 1C: Residential Receptor Map Sheet 1C;
  - Figure 2A: Road Receptor Map Overall;
  - Figure 2B: Road Receptor Map Sheet 2B;

- Figure 2C: Road Receptor Map Sheet 2C;
- Figure 3: Rail Receptor Map;
- Figure 4A: Bridleway Receptor Map Overall;
- Figure 4B: Bridleway Receptor Map Sheet 4B;
- Figure 4C: Bridleway Receptor Map Sheet 4C;
- Figure 5: Site Layout;
- Figure 6: Panel Area Labels;
- Figure 7A: G&G Mitigation Planting Overall;
- Figure 7B: G&G Mitigation Planting Sheet 7B;
- Figure 7C: G&G Mitigation Planting Sheet 7C
- Figure 8: RAF Waddington Aerodrome Chart

- Appendix BA: Residential Receptor Glare Results Group A (Receptors 1 – 80) (5 degrees);
- Appendix BB: Residential Receptor Glare Results Group B (Receptors 81 - 157) (5 degrees);
- Appendix BC: Residential Receptor Glare Results Group C (Receptors 158 - 200) (5 degrees);
- Appendix CA: Residential Receptor Glare Results Group A (Receptors 1 – 80) (45 degrees);
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- Appendix R: Ground Elevation Profile; and
- Appendix S: Solar Module Glare and Reflectance Technical Memo.

STATEMENT OF COMPETENCE

2.13. This Glint and Glare Assessment has been produced by David Thomson, Tom Saddington and Michael McGhee of Neo Environmental. Having completed a civil engineering degree in 2012,

Michael has produced Glint and Glare assessments for over 1GW of solar farm developments across the UK and Ireland. Tom has an undergraduate degree in Bioengineering and graduated with an MSc in Environmental and Energy Engineering in January 2020. He has been working on various technical assessments including glint and glare reports for numerous solar farms in Ireland and the UK. David has an undergraduate degree in physics, as well as a MSc in sensor design, a MSc in nanoscience and a Diploma in acoustics and noise control. He is an Environmental Engineer who has worked on numerous Glint and Glare assessments for solar farms across the UK and Ireland.

DEFINITIONS

2.14. This study examined the potential hazard and nuisance effects of glint and glare in relation to ground-based receptors, which includes the occupants of surrounding dwellings as well as road users. The US Federal Aviation Administration (FAA) in their "*Technical Guidance for Evaluating Selected Solar Technologies on Airports*"[1] have defined the terms 'Glint' and 'Glare' as meaning;

- Glint – "*A momentary flash of bright light*"; and
- Glare – "*A continuous source of bright light*".

2.15. Glint and glare are essentially the unwanted reflection of sunlight from reflective surfaces. This study used a multi-step process of elimination to determine which receptors have the potential to experience the effects of glint and glare. It then examined, using a computer-generated geometric model, the times of the year and the times of the day such effects could occur. This is based on the relative angles between the sun, the panels, and the receptor throughout the year.

2.16. The ocular impact upon a receptor will be assessed and used as the basis of categorising the magnitude of impact at each receptor. For the avoidance of doubt specular impact is a term that refers to the impact produced by the PV panels, whilst ocular impact is the impact observed by the observer.

General Nature of Reflectance from Photovoltaic Panels

2.17. In terms of reflectance, solar PV panels are by no means a highly reflective surface. They are designed to absorb sunlight and not to reflect it. Nonetheless, solar PV panels have a flat polished surface that omit 'specular' reflectance rather than a 'diffuse' reflectance, which would occur from a rough surface. Several studies have shown that solar PV panels (as opposed

1 Harris, Miller, Miller & Hanson Inc. (November 2010). Technical Guidance for Evaluating Selected Solar Technologies on Airports; 3.1.2 Reflectivity. Technical Guidance for Evaluating Selected Solar Technologies on Airports. Available at:

https://www.faa.gov/airports/environmental/policy_guidance/media/airport-solar-guide.pdf

to Concentrated Solar Power) have similar reflectance characteristics to water, which is much lower than the likes of glass, steel, snow and white concrete by comparison (See Appendix S). Similar levels of reflectance can be found in rural environments from the likes of shed roofs and the lines of plastic mulch used in cropping. In terms of the potential for reflectance from solar PV panels to cause hazard and/ or nuisance effects, there have been a number of studies undertaken in respect of schemes in close proximity to airports. The most recent of these was compiled by the Solar Trade Association (STA) in April 2016 and used a number of case studies and expert opinions, including that from Neo. The summary of this report states that "*the STA does not believe that there is cause for concern in relation to the impact of glint and glare from solar PV on aviation and airports…*"[2].

Time Zones / Datums

2.18. Locations in this report are given in Eastings and Northings using the 'British National Grid' grid reference system unless otherwise stated.

2.19. England uses British Summer Time (BST, UTC + 01:00) in the summer months and Greenwich Mean Time (UTC+0) in the winter period. For the purposes of this report all time references are in GMT.

2 Solar Trade Association. (April 2016). Summary of evidence compiled by the Solar Trade Association to help inform the debate around permitted development for non - domestic solar PV in Scotland. Impact of solar PV on aviation and airports. Available at: http://www.solar-trade.org.uk/wp-content/uploads/2016/04/STA-glint-and-glare-briefing-April-2016-v3.pdf

3. LEGISLATION AND GUIDANCE

3.1. There is no legislation and limited guidance or policy available in the UK at present in relation to the assessment of glint and glare from solar developments. Available UK guidance is reviewed below, in addition to references to international guidance where deemed suitable.

NATIONAL PLANNING POLICY GUIDANCE (NPPG) ON RENEWABLE AND LOW CARBON ENERGY (UK) [3]

3.2. Paragraph 013 (Reference ID: 5-013-20150327) sets out planning considerations that relate to large scale ground-mounted solar PV farms. This determines that the deployment of large-scale solar farms can have a negative impact on the rural environment, particularly in undulating landscapes. However, the visual impact of a well-planned and well-screened solar farm can be properly addressed within the landscape if planned sensitively. Considerations to be taken into account by local planning authorities are:

- *"The proposal's visual impact, the effect on landscape of glint and glare and on neighbouring uses and aircraft safety;*

  The extent to which there may be additional impacts if solar arrays follow the daily movement of the sun."

NATIONAL POLICY STATEMENT FOR RENEWABLE ENERGY INFRASTRUCTURE (EN-3)[4]

3.3. Section 2.10 of the EN-3 provides the following commentary in relation to Glint and Glare impacts:

2.10.102 Solar panels are specifically designed to absorb, not reflect, irradiation. However, solar panels may reflect the sun's rays at certain angles, causing glint and glare. Glint is defined as a momentary flash of light that may be produced as a direct reflection of the sun in the solar panel. Glint is a continuous source of excessive brightness experienced by a stationary

[3] NPPG Renewable and Low Carbon Energy. Available at: http://planningguidance.communities.gov.uk/blog/guidance/renewable-and-low-carbon-energy/particular-planning-considerations-for-hydropower-active-solar-technology-solar-farms-and-wind-turbines/#paragraph_012

[4] UK Government, National Policy Statement for renewable energy infrastructure (EN-3). Available at: https://www.gov.uk/government/publications/national-policy-statement-for-renewable-energy-infrastructure-en-3

observer located in the path of reflected sunlight from the face of the panel. The effect occurs when the solar panel is stationed between or at an angle of the sun and the receptor.

2.10.103 Applicants should map receptors qualitatively to identify potential glint and glare issues and determine if a glint and glare assessment is necessary as part of the application.

2.10.104 When a quantitative glint and glare assessment is necessary, applicants are expected to consider the geometric possibility of glint and glare affecting nearby receptors, and provide an assessment of potential impact and impairment based on the angle and duration of incidence and the intensity of the reflection.

2.10.105 The extent of reflectivity analysis required to assess potential impacts will depend on the specific project site and design. This may need to account for 'tracking' panels if they are proposed as these may cause differential diurnal and/or seasonal impacts.

2.10.106 When a glint and glare assessment is undertaken, the potential for solar PV panels, frames and supports to have a combined reflective quality may need to be assessed, although the glint and glare of the frames and supports is likely to be significantly less than the panels.

2.10.158 Solar PV panels are designed to absorb, not reflect, irradiation. However, the Secretary of State should assess the potential impact of glint and glare on nearby homes, motorists, public rights of way, and aviation infrastructure (including aircraft departure and arrival flight paths).

2.10.159 Whilst there is some evidence that glint and glare from solar farms can be experienced by pilots and air traffic controllers in certain conditions, there is no evidence that glint and glare from solar farms results in significant impairment on aircraft safety. Therefore, unless a significant impairment can be demonstrated, the Secretary of State is unlikely to give any more than limited weight to claims of aviation interference because of glint and glare from solar farms."

3.4. This Glint and Glare Assessment will be taking account of impacts upon nearby homes, motorists, railway lines, bridleway and aviation receptors.

PLANNING GUIDANCE FOR THE DEVELOPMENT OF LARGE-SCALE GROUND MOUNTED SOLAR PV SYSTEMS

3.5. As outlined within the BRE document 'Planning Guidance for the Development of Large-Scale Ground Mounted Solar PV Systems'[5]:

[5] BRE (2013) *Planning Guidance for the Development of Large Scale Ground Mounted Solar PV Systems*. Available at: https://www.bre.co.uk/filelibrary/pdf/other_pdfs/KN5524_Planning_Guidance_reduced.pdf

"Glint may be produced as a direct reflection of the sun in the surface of the solar PV panel. It may be the source of the visual issues regarding viewer distraction. Glare is a continuous source of brightness, relative to diffused lighting. This is not a direct reflection of the sun, but rather a reflection of the bright sky around the sun. Glare is significantly less intense than glint.

Solar PV panels are designed to absorb, not reflect, irradiation. However, the sensitivities associated with glint and glare, and the landscape/ visual impact and the potential impact on aircraft safety, should be a consideration. In some instances, it may be necessary to seek a glint and glare assessment as part of a planning application. This may be particularly important if 'tracking' panels are proposed as these may cause differential diurnal and/or seasonal impacts.

The potential for solar PV panels, frames and supports to have a combined reflective quality should be assessed. This assessment needs to consider the likely reflective capacity of all of the materials used in the construction of the solar PV farm."

3.6. This Glint and Glare Assessment will assess the overall impact of the Proposed Development onto the local environment.

INTERIM CAA GUIDANCE – SOLAR PHOTOVOLTAIC SYSTEMS (2010)

3.7. There is little guidance on the assessment of glint and glare from solar farms with regards to aviation safety. The Civil Aviation Authority (CAA) has published interim guidance on 'Solar Photovoltaic Systems[6]', they also intend to undertake a review of the potential impacts of solar PV developments upon aviation, however this is yet to be published.

3.8. The interim guidance identifies the key safety issues with regards to aviation, including *"glare, dazzling pilots leading them to confuse reflections with aeronautical lights."* It is outlined that solar farm developers should be aware of the requirements to comply with the Air Navigation Order (ANO), published in 2016 and amended in 2022. In particular, developers should be cognisant of the following articles of the ANO[7], including:

- *Article 240 – Endangering safety of an aircraft – "A person must not recklessly or negligently act in a manner likely to endanger an aircraft, or any person in an aircraft."*
- *Article 224 - Lights liable to endanger – "A person must not exhibit in the United Kingdom any light which:*

[6] *CAA (2010) Interim CAA Guidance – Solar Photovoltaic Systems. Available at: https://publicapps.caa.co.uk/modalapplication.aspx?catid=1&appid=11&mode=detail&id=4370*

[7] CAA (2016) Air Navigation: The Order and Regulations. Available at: https://www.caa.co.uk/media/1a2cigrq/air-navigation-order-2016-amended-april-2022-version.pdf

- *a) by reason of its glare is liable to endanger aircraft taking off or from landing at an aerodrome; or*
- *b) by reason of its liability to be mistaken for an aeronautical ground light liable to endanger aircraft."*

- ***Article 225** – Lights which dazzle or distract – "A person must not in the United Kingdom direct or shine any light at any aircraft in flight so as to dazzle or distract the pilot of the aircraft."*

3.9. Relevant studies generally agree that there is potential for glint and glare from photovoltaic panels to cause a hazard or nuisance for surrounding receptors, but that the intensity of such reflections is similar to that emanating from still water. This is considerably lower than for other manmade materials such as glass, steel or white concrete (SunPower – 2009).

3.10. These Articles are considered within the assessment of glint and glare for the Proposed Development.

CAA – CAP738: SAFEGUARDING OF AERODROMES 3RD EDITION[8]

3.11. In 2003, the CAA first introduced the CAP738 document to help provide advice and guidance to ensure aerodrome safeguarding. Subsequently, there have been two updates to this document in 2006 and 2020.

3.12. Within the latest edition of CAP738, it outlines that the purpose of the document is to protect an aerodrome and to ensure safe operation. Specifically stating:

"Its purpose is to protect:

Aircraft from the risk of glint and glare e.g. solar panels."

3.13. Within the section named as "Appendix C – Solar Photovoltaic Cells", the following is stated:

"Policy

1. In 2010 the CAA published interim guidance on Solar Photovoltaic Cells (SPCs). At that time, it was agreed that we would review our policy based on research carried out by the Federal Aviation Authorities (FAA) in the United States, in addition to reviewing guidance issued by other National Aviation Authorities. New information and field experience, particularly with respect to compatibility and glare, has resulted in the FAA reviewing its original document 'Technical Guidance for Evaluating Selected Solar Technologies on Airports', which is likely to be subject to change, see link;

[8] Civil Aviation Authority (2020). CAP738 – Safeguarding of Aerodromes 3rd Edition. Available at: https://publicapps.caa.co.uk/docs/33/CAP738%20Issue%203.pdf

https://www.federalregister.gov/documents/2013/10/23/2013-24729/interimpolicy-faa-review-of-solar-energy-system-projects-on-federally-obligated-airports

2. In the United Kingdom there has been a further increase in SPV cells, including some located close to aerodrome boundaries; to date the CAA has not received any detrimental comments or issues of glare at these established sites. Whilst this early indication is encouraging, those responsible for safeguarding should remain vigilant to the possibility."

3.14. In summary, the above is stating that to date, there has not been any complications on airfields due to glare originating from solar farms across the UK.

US Federal Aviation Administration Policy

3.15. The US Federal Aviation Administration (FAA) in their Solar Guide (Federal Aviation Authority, 2010)[9] incorporates a chapter on the impact and assessment of glint from solar panels. It concludes that (although subject to revision):

"…evidence suggests that either significant glare is not occurring during times of operation or if glare is occurring, it is not a negative effect and is a minor part of the landscape to which pilots and tower personnel are exposed."

3.16. The interim policy (Federal Register, 2013)[10] demands that an ocular impact assessment must be assessed at 1-minute intervals from when the sun rises above the horizon until the sun sets below the horizon. Specifically, the developer must use the 'Solar Glare Hazard Analysis Tool' (SGHAT) tool specifically and reference its results as this was developed by the FAA and Sandia National Laboratories as a standard and approved methodology for assessing potential impacts on aviation interests, although it notes other assessment methods may be considered. The SGHAT tool has since been licensed to a private organisation who were also involved in its development and it is the software model used in this assessment.

3.17. Crucially, the policy provides a quantitative threshold that is lacking in the English guidance. This outlines that a solar development will not automatically receive an objection on glint grounds if low intensity glint is visible to pilots on final approach. In other words, low intensity glint with a low potential to form a temporary after-image (Green Glare) would be considered acceptable under US guidance. Due to the lack of legislation and guidance within England, this US document has been utilised as guidance for this report, which is accepted as best practice in the UK with the absence of quantitative guidance.

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[9] FAA (2010), Technical Guidance for Evaluating Selected Solar Technologies on Airports. Available at https://www.faa.gov/airports/environmental/policy_guidance/media/airport-solar-guide-print.pdf

[10] FAA (2013), Interim Policy, *FAA Review of Solar Energy System Projects on Federally Obligated Airports*. Available at https://www.federalregister.gov/documents/2013/10/23/2013-24729/interim-policy-faa-review-of-solar-energy-system-projects-on-federally-obligated-airports

3.18. The FAA guidance states that for a solar PV development to obtain FAA approval or to receive no objection, the following two criteria must be met:

- No potential for glint or glare in the existing or planned Air Traffic Control Tower (ATCT); and
- No potential for glare (glint) or "low potential for after-image" (Green Glare) along the final approach path for any existing or future runway landing thresholds (including planned or interim phases), as shown by the approved layout plan (ALP). The final approach path is defined as 2 miles from 50 feet above the landing threshold using a standard 3-degree glide path.

3.19. The geometric analysis included later in this report, which defines the extent and time at which glint may occur, is required by the FAA as the methodology to be used when assessing glint and glare impacts on aviation receptors. This report follows the methodology required by the FAA as it offers the most robust assessment method currently available.

FAA POLICY: REVIEW OF SOLAR ENERGY SYSTEMS PROJECTS ON FEDERALLY - OBLIGATED AIRPORTS[11]

3.20. The FAA updated their Interim Policy from 2013 as part of their commitment to "*update policies and procedures as part of an iterative process as new information and technologies become available.*" The main development regarding Glint and Glare since the Interim Policy is the following:

> *"Initially, FAA believed that solar energy systems could introduce a novel glint and glare effect to pilots on final approach. FAA has subsequently concluded that in most cases, the glint and glare from solar energy systems to pilots on final approach is similar to glint and glare pilots routinely experience from water bodies, glass-façade buildings, parking lots, and similar features. However, FAA has continued to receive reports of potential glint and glare from on-airport solar energy systems on personnel working in ATCT cabs."*

3.21. This is outlining that solar panels are similar to nuisances that are already caused by other existing infrastructure, such as; car parks, glass buildings and water bodies. Furthermore, the ATCT has been outlined as the key receptor to be assessed when determining Glint and Glare impacts from a solar farm.

3.22. Again, in respect of an absence of UK guidance, this is used as the best practice when assessing aviation receptors.

[11] FAA (2021). FAA Policy: Review of Solar Energy Systems Projects on Federally – Obligated Airports. Available at: https://www.federalregister.gov/documents/2021/05/11/2021-09862/federal-aviation-administration-policy-review-of-solar-energy-system-projects-on-federally-obligated

REVIEW OF LOCAL PLAN

Central Lincolnshire Local Plan 2018 - 2040

3.23. The Central Lincolnshire Local Plan (CLLP) 2018 - 2040[12] was adopted by the Central Lincolnshire Joint Strategic Planning Committee (CLJSPC) on 13 April 2023 and it now replaces the 2017 version of the CLLP as the development plan for the City of Lincoln, West Lindsey and North Kesteven District Councils.

3.24. The plan states in **Policy S14: Renewable Energy** that:

> *'Proposals for renewable energy schemes, including ancillary development, will be supported where the direct, indirect, individual and cumulative impacts on the following considerations are, or will be made, acceptable. To determine whether it is acceptable, the following tests will have to be met:*
>
> *i. The impacts are acceptable having considered the scale, siting and design, and the consequent impacts on landscape character; visual amenity; biodiversity; geodiversity; flood risk; townscape; heritage assets, their settings and the historic landscape; and highway safety and rail safety; and*
>
> *ii. The impacts are acceptable on aviation and defence navigation system/communications; and*
>
> *iii. The impacts are acceptable on the amenity of sensitive neighbouring uses (including local residents) by virtue of matters such as noise, dust, odour, shadow flicker, air quality and traffic;*
>
> *Testing compliance with part (i) above will be via applicable policies elsewhere in a development plan document for the area (i.e. this Local Plan; a Neighbourhood Plan, if one exists; any applicable policies in a Minerals or Waste Local Plan); and any further guidance set out in a Supplementary Planning Document.*
>
> *In order to test compliance with part (ii) above will require, for relevant proposals, the submission by the applicant of robust evidence of the potential impact on any aviation and defence navigation system/communication, and within such evidence must be documented areas of agreement or disagreement reached with appropriate bodies and organisations responsible for such infrastructure.*
>
> *In order to test compliance with part (iii) above will require, for relevant proposals, the submission by the applicant of a robust assessment of the potential impact on such users, and the mitigation measures proposed to minimise any identified harm'*

[12] Central Lincolnshire Local Plan, available at: https://www.n-kesteven.gov.uk/planning-building/planning/planning-policy/central-lincolnshire-local-plan-2018-2040

4. METHODOLOGY

4.1. A desk-based assessment was undertaken to identify when and where glint and glare may be visible at receptors within the vicinity of the Proposed Development, throughout the day and the year.

SUN POSITION AND REFLECTION MODEL

Sun Data Model

4.2. The calculations in the solar position calculator are based on equations from Astronomical Algorithms[13]. The sunrise and sunset results are theoretically accurate to within a minute for locations between +/- 72° latitude, and within 10 minutes outside of those latitudes. However, due to variations in atmospheric composition, temperature, pressure and conditions, observed values may vary from calculations.

Solar Reflection Model

4.3. The position of the sun is calculated at one-minute intervals of a typical year.

4.4. In order to determine if a solar reflection will reach a receptor, the following variables are required:

- Sun position;
- Observer location; and
- Tilt, orientation, and extent of the modules in the solar array.

4.5. The model assumes that the azimuth and horizontal angle of the sun is the same across the whole Principal Site. This is considered acceptable due to the distance of the sun from the Proposed Development and the miniscule differences in location of the sun over the Principal Site.

4.6. Once the position of the sun is known for each time interval, a vector reflection equation determines the reflected sun vector, based on the normal vector of the solar array panels. This assumes that the angle of reflection is equal to the angle of incidence reflected across a normal plane. In this instance, the plane being the vector which the solar panels are facing.

4.7. On knowing the vector of the solar reflection, the azimuth is calculated and the horizontal reflection from multiple points within the Principal Site. These are then compared with the

[13] Jean Meeus, Astronomical Algorithms (Second Edition), 1999

azimuth and horizontal angle of the receptor from the Principal Site to determine if it is within range to receive solar reflections.

4.8. The solar reflection in the model is considered to be specular as a worst-case scenario. In practice, the light from the sun will not be fully reflected as solar panels are designed to absorb light rather than reflect it. The text above and Appendix S outlines the reflective properties of solar glass and compares it to other reflective surfaces. Although the exact figures in this report could contain a margin of error, it is included as a visual guide and it agrees with most other reports, in that solar glass has less reflective properties than other types of glass, bodies of water and snow, and that the amount of reflective energy drops as the angle of incidence decreases.

4.9. Most modern solar PV panels have a slight surface texture which should have a small effect on diffusing the solar radiation further. Although, this has not been modelled to conform with the worst-case scenario assessment.

4.10. The panel reflectivity has been modelled to assume an anti-reflective coating (ARC), which is the industry standard for solar PV panels and further reduces the reflective properties of the solar PV panels.

Determination of Ocular Impact

4.11. The software used for this assessment is based on the Sandia Laboratories Solar Glare Hazard Analysis Tool (SGHAT). This tool is specifically mentioned in the FAA guidance as the software that should be used in this type of assessment. Again, this is following the current best practice available due to the lack of UK guidance.

4.12. Determination of the ocular impact requires knowledge of the direct normal irradiance, solar PV panel reflectance, size and orientation of the array, optical properties of the PV module, and ocular parameters. These values are used to determine the retinal irradiance and subtended source angle used in the ocular hazard plot.

4.13. The ocular impact[14] of viewed glare can be classified into three levels based on the retinal irradiance and subtended source angle: low potential for after-image (green), potential for after-image (yellow), and potential for permanent eye damage (red).

4.14. Green glare can be ignored when looking at ground based and some aviation receptors. Green glare does not cause temporary flash blindness and happens at an instant with very slight disturbance. As per FAA guidelines, mitigation is only required for green glare when affecting an Air Traffic Control Tower, but not for when affecting pilots. Therefore, it can be assumed that green glare is acceptable for ground-based receptors.

[14] Ho, C.K., C.M. Ghanbari, and R.B. Diver, 2011, Methodology to Assess Potential Glint and Glare Hazards From Concentrating Solar Power Plants: Analytical Models and Experimental Validation, Journal of Solar Energy Engineering-Transactions of the Asme, 133(3).

4.15. The subtended source angle represents the size of the glare viewed by an observer, while the retinal irradiance determines the amount of energy impacting the retina of the observer. Larger source angles can result in glare of high intensity, even if the retinal irradiance is low.

4.16. The modelling software outputs a hazard plot for each receptor predicted to be impacted by glare from the PV array. An orange dot is plotted for each minute of glare indicating the irradiance (power density) of the reflected solar light. A yellow dot is plotted to show the irradiance of the Sun when it is viewed directly. The hazard plot shows that the irradiance of the Sun is approximately three orders of magnitude greater than the reflected irradiance, i.e., the power density of solar reflections from photovoltaic panels are approximately 0.1% that of viewing the Sun. Due to the disparity in irradiance, whenever the Sun is observed in the same frame as solar reflections from a PV array, the Sun will be main source of glare impacts upon the observer. In such a case, the impact is deemed to be Low as a worst-case scenario.

Relevant Parameters of the Proposed Development

4.17. The photovoltaic panels will either be fixed tilt or tracker panels. The fixed tilt panels are oriented in a southwards direction to maximise solar gain and will remain in a fixed position throughout the day and during the year (i.e. they will not rotate to track the movement of the sun). The panels will face southwards and will be inclined at an angle of between 5 and 45 degrees. The tracker panels will rotate to track the movement of the sun.

4.18. The height of the panels above ground level is a maximum of 3.5m and points at the top of the panels are used to determine the potential for glint and glare generation.

4.19. Both tracker and fixed tilt panels will be assessed as part of the assessment below, with both considered when determining the impact upon a receptor.

IDENTIFICATION OF RECEPTORS

Ground Based Receptors

4.20. Glint is most likely to impact upon a ground-based receptor close to dusk and dawn, when the sun is at its lowest in the sky. Therefore, any effect would likely occur early in the day or late in the day, reflected to the west at dawn and east at dusk.

4.21. A 1km Study Area from the panels was deemed appropriate for the assessment of ground-based receptors as this seemed to contain a good spread of residential and road receptors in most directions from the Principal Site. The further distance a receptor is from a solar farm, the less chance it has of being affected by glint and glare due to scattering of the reflected beam and atmospheric attenuation, in addition to obstructions from ground sources, such as any intervening vegetation or buildings. This is based on best practice and our experience of completing Glint and Glare Assessments across the UK and Ireland.

4.22. An observer height of 2m was utilised for residential receptors, as this is a typical height for a ground-floor window. With regards to road users, a receptor height of 1.5m was employed as this is typical of eye level. Rail driver's eye level was assumed to be 2.75m above the rail for signal signing purposes and therefore this is the height used for assessment purposes. Horse rider eye level has been assumed to be 2.5m above ground level for bridleway receptors.

4.23. An assessment was undertaken to determine zones where solar reflections will never be directed near ground level.

4.24. Where there are several residential receptors within close proximity, a representative dwelling or dwellings is/are chosen for full assessment as the impacts will not vary to any significant degree. Where small groups of receptors have been evident, the receptors on either end of the group have been analysed in detail with the worst-case impacts attributed to that receptor.

Aviation

4.25. Glint is only considered to be an issue with regards to aviation safety when the solar farm lies within close proximity to a runway, particularly when the aircraft is descending to land. This is outlined within the FAA guidance as being the key aviation receptors to assess ad is considered best practice in the absence of UK guidance.

4.26. Should a solar farm be proposed within the safeguarded zone of an aerodrome, then a full geometric study may be required which would determine if there is potential for glint and glare at key locations, most likely on the descent to land.

4.27. Buffer zones to identify aviation assets vary depending on the safeguarding criteria of that asset. All aerodromes within 30km will be identified, however, generally the detailed assessments are only required within: 20km for large international aerodromes, 10km for military aerodromes and 5km for small aerodromes.

MAGNITUDE OF IMPACT

Static Receptors

4.28. Although there is no specific guidance set out to identify the magnitude of impact from solar reflections, the following criteria has been set out for the purposes of this report:

- High - Solar reflections impacts of over 30 hours per year or over 30 minutes per day.
- Medium - Solar reflections impacts between 20 and 30 hours per year or between 20 minutes and 30 minutes per day.
- Low - Solar reflections impacts up to 20 hours per year or up to 20 minutes per day.

- None - Effects not geometrically possible or no visibility of reflective surfaces likely due to high levels of intervening screening

Moving Receptors (Road and Rail)

4.29. Again, no specific guidance is available to identify the magnitude of impact from solar reflections on moving receptors except in aviation, however, it is thought that a similar approach should be applied to moving receptors as aviation, based on the ocular impact and the potential for after-image.

4.30. The FAA guidance states that for a solar PV development to obtain FAA approval or to receive no objection, the following criteria must be met:

- No potential for glare (glint) or "*low potential for after-image*" along the final approach path for any existing or future runway landing thresholds (including planned or interim phases), as shown by the approved layout plan (ALP).

4.31. The following criteria has been set out for the purposes of this report:

- High - Solar reflections impacts consisting of any amount of yellow glare.
- Low - Solar reflections impacts consisting of any amount of only green glare.
- None - Effects not geometrically possible or no visibility of reflective surfaces likely due to high levels of intervening screening.

4.32. The FAA produced an evaluation of glare as a hazard and concluded in their report[15] that:

"The more forward the glare is and the longer the glare duration, the greater the impairment to the pilots' ability to see their instruments and to fly the aircraft. These results taken together suggest that any sources of glare at an airport may be potentially mitigated if the angle of the glare is greater than 25 deg from the direction that the pilot is looking in. We therefore recommend that the design of any solar installation at an airport consider the approach of pilots and ensure that any solar installation that is developed is placed such that they will not have to face glare that is straight ahead of them or within 25 deg of straight ahead during final approach."

4.33. It is reasonable to assume that although this report is assessing pilots vision impairment, it can also be applied to drivers of other road and rail vehicles. Therefore, the driver's field of view will also be analysed where required and if the glare is out with 25 degrees either side of their line of sight then any impacts will reduce to None.

[15] Federal Aviation Authority, Evaluation of Glare as a Hazard for General Aviation Pilots on Final Approach (2015), Available at https://libraryonline.erau.edu/online-full-text/faa-aviation-medicine-reports/AM15-12.pdf

Moving Receptors (Aviation)

Approach Paths

4.34. Each final approach path which has the potential to receive glint is assessed using the SGHAT model. The model assumes an approach bearing on the runway centreline, a 3-degree glide path with the origin 50 ft (15.24 m) above the runway threshold.

4.35. The computer model considers the pilots field of view. The azimuthal field of view (AFOV) or horizontal field of view (HFOV) as it is sometimes referred, refers to the extents of the pilot's horizontal field of view measured in degrees left and right from directly in front of the cockpit. The vertical field of view (VFOV) refers to the extents of the pilot's vertical field of view measured in degrees from directly in front of the cockpit. The HFOV is modelled at 50 degrees left and right from the front of the cockpit whilst the VFOV is modelled at 30 degrees.

4.36. The FAA guidance states that there should be no potential for glare or '*low potential for after-image*' at any existing or future planned runway landing thresholds for the Proposed Development to be acceptable.

Air Traffic Control Tower (ATCT)

4.37. An air traffic controller uses the visual control room to monitor and direct aircraft on the ground, approaching and departing the aerodrome. It is essential that air traffic controllers have a clear unobstructed view of the aviation activity. The key areas on an aerodrome are the views towards the runway thresholds, taxiways and aircraft bays.

4.38. The FAA guidance states that no solar reflection towards the ATCT should be produced by a proposed solar development, however, this should be assessed on a site by site case and will depend on the operations at a particular aerodrome.

4.39. In order to determine the impact on the ATCT, the location and height of the tower will need to be fed into the SGHAT model and where there is a potential for 'low potential for After-Image' or more, then mitigation measures will be required.

Assessment Limitations

4.40. Below is a list of assumptions and limitations of the model and methods used within this report:

- The model does not consider obstacles (either man-made or natural) between the observation points and the prescribed solar installation that may obstruct observed glare, such as trees, vegetation, hills, buildings, etc;
- The model does not rigorously represent the detailed geometry of a system; detailed features such as gaps between modules, variable height of the PV array, and support structures may impact actual glare results;

- Due to variations in atmospheric composition, temperature, pressure and conditions, observed values may vary slightly from calculated positions;
- The model does not account for the effects of diffraction; however, buffers are applied as a factor of safety; and
- The model assumes clear skies at all times and does not account for meteorological effects such as cloud cover, fog, or any other weather event which may screen the sun.

4.41. Due to these assumptions and limitations the model overestimates the number of minutes of glint and glare which are possible at each receptor and presents the worst-case scenario. Where glint and glare are predicted a visibility assessment is carried out to determine a more accurate, real-world prediction of the impacts.

4.42. A site visit will be undertaken post Statutory Consultation and pre Environmental Statement to ensure that the assessment classification and mitigations suggested within this report are suitable and correct.

5. BASELINE CONDITIONS

GROUND BASED RECEPTORS REFLECTION ZONES

5.1. Based on the relatively flat topography in the area, solar reflections between five degrees below the horizontal plane to five degrees above it are described as near horizontal. Reflections from the Proposed Development within this arc have the potential to be seen by receptors at or near ground level.

5.2. Further analysis showed that this will only occur between the azimuth of 238.92 degrees and 298.18 degrees in the western direction (late day reflections) and 64.36 degrees and 129.27 degrees in the eastern direction (morning reflections) and therefore any ground-based receptor outside these arcs will not have any impact from solar reflections.

5.3. Figure 1A, 2 and 3 of Appendix A show the respective study areas whilst also subtracting from this the areas where solar reflections will not impact on ground-based receptors due to the reasons set out in paragraphs 5.1 to 5.2.

Residential Receptors

5.4. Residential receptors located within 1km of the Principal Site have been identified (Table 5 - 1). Glint was assumed to be possible if the receptor is located within the ground-based receptor zones as outlined previously.

5.5. There are 10 residential receptors (Receptors 204 - 213) which are within the no-reflection zones and are clearly identifiable in Figure 1A: Appendix A. The process of how these are calculated is explained in paragraphs 5.1 to 5.2 of this report.

5.6. As per the methodology section, where there are a number of residential receptors within close proximity, a representative dwelling or dwellings is/are chosen for detailed analysis as the impacts will not vary to any significant degree. Where small groups of receptors are evident, the receptors on either end of the group have been assessed in detail. The number in brackets indicates which residential area the receptor belongs.

Table 5 - 1: Residential Based Receptors

Receptor	Easting	Northing	Glint and Glare Possible
1	487963	365441	Yes
2	487978	365406	Yes
3	488253	365492	Yes

Receptor	Easting	Northing	Glint and Glare Possible
4 (1)	488070	365269	Yes
5 (1)	488225	365212	Yes
6	488225	365005	Yes
7	489304	365747	Yes
8	487179	364099	Yes
9	487216	364196	Yes
10	487317	364132	Yes
11	487443	364248	Yes
12	487579	364244	Yes
13 (2)	487697	364576	Yes
14 (2)	487714	364377	Yes
15 (2)	488000	364342	Yes
16 (2)	488004	364188	Yes
17 (2)	487901	364108	Yes
18 (2)	487930	363841	Yes
19 (2)	488065	363805	Yes
20	487650	363633	Yes
21	488188	363726	Yes
22	488319	363762	Yes
23 (3)	488400	364004	Yes
24 (3)	488421	363943	Yes
25	488440	363675	Yes
26	488495	363772	Yes
27	488575	363728	Yes
28	489433	364465	Yes
29	489737	364087	Yes

Receptor	Easting	Northing	Glint and Glare Possible
30	487862	363142	Yes
31	488023	363088	Yes
32	488084	363109	Yes
33	488127	363111	Yes
34	488174	363104	Yes
35	488786	362890	Yes
36	488861	362941	Yes
37	489019	363064	Yes
38 (4)	490121	364237	Yes
39 (4)	490193	364119	Yes
40 (4)	490220	364005	Yes
41 (4)	490182	363942	Yes
42	491200	366115	Yes
43 (5)	491341	366078	Yes
44 (5)	491449	366057	Yes
45 (5)	491545	366045	Yes
46	491653	366024	Yes
47	491699	366024	Yes
48	491079	365997	Yes
49	491024	365971	Yes
50 (6)	491035	365884	Yes
51 (6)	491017	365805	Yes
52 (7)	490416	365606	Yes
53 (7)	490500	365664	Yes
54 (7)	490658	365649	Yes
55 (7)	490790	365643	Yes

Receptor	Easting	Northing	Glint and Glare Possible
56 (7)	490802	365783	Yes
57 (7)	490926	365708	Yes
58 (7)	491030	365633	Yes
59 (7)	491007	365479	Yes
60 (7)	490997	365381	Yes
61 (7)	491108	365323	Yes
62 (7)	490882	365236	Yes
63 (7)	490816	365152	Yes
64 (7)	490763	365410	Yes
65 (7)	490653	365451	Yes
66 (7)	490518	365487	Yes
67 (7)	490452	365526	Yes
68 (8)	491312	365721	Yes
69 (8)	491399	365694	Yes
70 (8)	491329	365577	Yes
71	490487	365240	Yes
72	490931	364476	Yes
73 (9)	490909	364374	Yes
74 (9)	490940	364292	Yes
75	490868	364241	Yes
76	491022	364167	Yes
77	491116	364088	Yes
78	491529	364544	Yes
79	491987	363881	Yes
80	492065	363641	Yes
81	490603	363298	Yes

Receptor	Easting	Northing	Glint and Glare Possible
82	490525	363206	Yes
83	489864	636133	Yes
84	488267	362524	Yes
85	488297	362544	Yes
86	488309	362553	Yes
87 (10)	489141	362357	Yes
88 (10)	489142	362245	Yes
89 (10)	489181	362168	Yes
90 (10)	489372	362168	Yes
91 (10)	489587	362328	Yes
92 (10)	489789	362483	Yes
93 (10)	489938	362506	Yes
94 (10)	489978	362577	Yes
95 (10)	489987	362833	Yes
96 (10)	490126	362840	Yes
97 (10)	490187	362791	Yes
98 (10)	490203	362667	Yes
99 (10)	490140	362539	Yes
100 (10)	490158	362394	Yes
101 (10)	490171	362296	Yes
102 (10)	490185	362205	Yes
103 (10)	489961	362214	Yes
104 (10)	489761	362223	Yes
105 (10)	489549	362196	Yes
106 (10)	489573	362091	Yes
107 (10)	489637	361934	Yes

Receptor	Easting	Northing	Glint and Glare Possible
108 (10)	489711	361790	Yes
109 (10)	489751	361698	Yes
110 (10)	489610	361694	Yes
111 (10)	489506	361669	Yes
112 (10)	489488	361740	Yes
113 (10)	489339	361713	Yes
114 (10)	489239	361699	Yes
115 (10)	489163	361822	Yes
116 (10)	489139	361969	Yes
117 (11)	491495	363126	Yes
118 (11)	491386	362966	Yes
119 (11)	491669	363040	Yes
120 (11)	491569	362900	Yes
121	491904	362663	Yes
122	491650	362199	Yes
123 (12)	491796	362404	Yes
124 (12)	491858	362453	Yes
125	492021	362475	Yes
126 (13)	492420	362744	Yes
127 (13)	492180	362747	Yes
128 (13)	492248	362677	Yes
129 (13)	492275	362579	Yes
130 (13)	492466	362672	Yes
131 (13)	492586	362650	Yes
132	492578	362508	Yes
133	492596	362450	Yes

Receptor	Easting	Northing	Glint and Glare Possible
134 (14)	488938	361375	Yes
135 (14)	489077	361408	Yes
136 (15)	490771	361777	Yes
137 (15)	490843	361753	Yes
138 (15)	490801	361639	Yes
139 (16)	490626	361482	Yes
140 (16)	490660	361421	Yes
141 (16)	490722	361371	Yes
142 (16)	490797	361455	Yes
143 (17)	490693	361191	Yes
144 (17)	490696	361110	Yes
145	491117	360791	Yes
146	491563	361095	Yes
147	491616	361067	Yes
148	491811	361038	Yes
149	493266	361294	Yes
150	493322	361266	Yes
151	493174	360962	Yes
152 (18)	491565	360729	Yes
153 (18)	491498	360657	Yes
154 (18)	491565	360620	Yes
155	491708	360605	Yes
156	492287	360549	Yes
157	489986	360519	Yes
158	490606	360544	Yes
159	491040	360500	Yes

Receptor	Easting	Northing	Glint and Glare Possible
160	491089	360525	Yes
161	492182	360406	Yes
162	489156	360021	Yes
163	489150	359996	Yes
164	489979	359919	Yes
165	492346	360030	Yes
166	492449	360035	Yes
167	492974	359777	Yes
168	493675	359717	Yes
169 (19)	491234	360450	Yes
170 (19)	491369	360436	Yes
171 (19)	491475	360410	Yes
172 (19)	491533	360391	Yes
173 (19)	491529	360301	Yes
174 (19)	491529	360212	Yes
175 (19)	491553	360024	Yes
176 (19)	491465	359831	Yes
177 (19)	491443	359682	Yes
178 (19)	491248	359705	Yes
179 (19)	491145	359715	Yes
180 (19)	491012	359725	Yes
181 (19)	491026	359559	Yes
182 (19)	490897	359394	Yes
183 (19)	490723	359417	Yes
184 (19)	490728	359542	Yes
185 (19)	490769	359697	Yes

Receptor	Easting	Northing	Glint and Glare Possible
186 (19)	490898	359831	Yes
187 (19)	490907	359968	Yes
188 (19)	490923	360097	Yes
189 (19)	490942	360215	Yes
190 (19)	491013	360263	Yes
191 (19)	491108	360228	Yes
192 (19)	491193	360320	Yes
193	491210	359344	Yes
194 (20)	488311	359269	Yes
195 (20)	488454	359222	Yes
196 (21)	488760	359326	Yes
197 (21)	488740	359231	Yes
198 (21)	488860	359128	Yes
199 (21)	489018	359093	Yes
200 (21)	489166	359055	Yes
201 (21)	488983	358929	Yes
202 (21)	488764	359088	Yes
203 (21)	488600	359126	Yes
204 (22)	488956	366255	No
205 (22)	489230	366155	No
206 (23)	490225	366479	No
207 (23)	490275	366371	No
208 (23)	490248	366185	No
209 (23)	490355	366094	No
210 (24)	489998	365984	No
211 (24)	490149	365957	No

Receptor	Easting	Northing	Glint and Glare Possible
212 (25)	490838	366078	No
213 (25)	490867	366076	No

Road / Rail Receptors

5.7. There are 44 roads within the 1km Study Area that requires a detailed Glint and Glare Assessment: A46, A1434, Moor Lane (West), Halfway House Lane, Green Lane, Southern Lane, Morton Lane, Beehive Lane, Morton Road, Moor Lane (North), Lincoln Lane, Middle Lane, Main Street, Little Thorpe Lane, Fosse Lane, Main Road, Bridge Road (North), Moor Lane (South), Norton Lane, Butts Lane, South Hykeham Road, Dovecote Lane, Bridge Road (East), Bassingham Road (West), Thurlby Road, Croft Lane, Harmston Road, Chapel Lane, Church Road, Bassingham Road (East), Lincoln Road, Carlton Road, Linga Lane, Pasture Lane, Clay Lane, Newark Road (West), Main Street, Old Brikkiln Lane, Rinks Lane, Newark Road (East), Eagle Lane, Station Road, Norton Road (South) and Norton Disney Road. There are some minor roads that serve dwellings; however, these have been dismissed as vehicle users of these roads will likely be travelling at low speeds and therefore, there is a negligible risk of safety impacts resulting from glint and glare of the Proposed Development.

5.8. The ground receptor no-reflection zones are clearly identifiable on **Figure 2: Appendix A** and the process of how these are calculated is explained in **paragraphs 5.1 to 5.2** of this report.

5.9. **Table 5 - 2** shows a list of receptors points within the study area which are 200 m apart.

Table 5 - 2: Road Based Receptors

Receptor	Easting	Northing	Glint and Glare Possible
1	488287	362472	Yes
2	488448	362593	Yes
3	488616	362704	Yes
4	488783	362815	Yes
5	488937	362940	Yes
6	489097	363056	Yes
7	489255	363175	Yes
8	489415	363300	Yes
9	489566	363412	Yes

Receptor	Easting	Northing	Glint and Glare Possible
10	489720	363534	Yes
11	489876	363647	Yes
12	490021	363755	Yes
13	490190	363880	Yes
14	490339	363998	Yes
15	490493	364112	Yes
16	490643	364222	Yes
17	490801	364341	Yes
18	490953	364447	Yes
19	491115	364557	Yes
20	491277	364676	Yes
21	491426	364786	Yes
22	491584	364896	Yes
23	491740	365016	Yes
24	491898	365129	Yes
25	492048	365259	Yes
26	492006	365451	Yes
27	491944	365646	Yes
28	491880	365833	Yes
29	492216	365368	Yes
30	487597	363197	Yes
31	487792	363175	Yes
32	487930	363100	Yes
33	488129	363088	Yes
34	488324	363052	Yes
35	488523	363016	Yes
36	488718	362969	Yes

Receptor	Easting	Northing	Glint and Glare Possible
37	488926	362724	Yes
38	487811	363309	Yes
39	487767	363502	Yes
40	487724	363697	Yes
41	487680	363891	Yes
42	487650	364089	Yes
43	487638	364289	Yes
44	487658	364488	Yes
45	487683	364688	Yes
46	487700	364860	Yes
47	487871	364956	Yes
48	488011	365090	Yes
49	488163	365212	Yes
50	488025	365347	Yes
51	487950	365523	Yes
52	487915	365711	Yes
53	488065	365531	Yes
54	488209	365661	Yes
55	488358	365783	Yes
56	488480	365935	Yes
57	488583	366094	Yes
58	487497	364200	Yes
59	487301	364162	Yes
60	491111	366086	Yes
61	491301	366055	Yes
62	491498	366020	Yes
63	491695	365987	Yes

Receptor	Easting	Northing	Glint and Glare Possible
64	490405	365652	Yes
65	490581	365639	Yes
66	490780	365624	Yes
67	490975	365576	Yes
68	491162	365533	Yes
69	491366	365529	Yes
70	491550	365454	Yes
71	491725	365376	Yes
72	491901	365299	Yes
73	490688	365487	Yes
74	491058	365938	Yes
75	490993	365773	Yes
76	490881	365466	Yes
77	490863	365270	Yes
78	490842	365066	Yes
79	490858	364865	Yes
80	490828	364674	Yes
81	490745	364495	Yes
82	490900	364131	Yes
83	491048	363995	Yes
84	491108	363811	Yes
85	491138	363612	Yes
86	491167	363421	Yes
87	491181	363217	Yes
88	491171	363020	Yes
89	491121	362829	Yes
90	491045	362677	Yes

Receptor	Easting	Northing	Glint and Glare Possible
91	490870	362681	Yes
92	490826	362486	Yes
93	490757	362309	Yes
94	490749	362107	Yes
95	490746	361908	Yes
96	490742	361706	Yes
97	490719	361508	Yes
98	490530	361463	Yes
99	490328	361483	Yes
100	490126	361486	Yes
101	489933	361492	Yes
102	489734	361492	Yes
103	489529	361482	Yes
104	489338	361464	Yes
105	489181	361501	Yes
106	489146	361699	Yes
107	489109	361891	Yes
108	489093	362090	Yes
109	489001	361414	Yes
110	488808	361362	Yes
111	488614	361313	Yes
112	490849	364518	Yes
113	491261	363314	Yes
114	491423	363199	Yes
115	491562	363064	Yes
116	491685	363008	Yes
117	491799	362901	Yes

Receptor	Easting	Northing	Glint and Glare Possible
118	491888	362729	Yes
119	491980	362545	Yes
120	491295	362944	Yes
121	491485	362968	Yes
122	491867	363062	Yes
123	492033	363157	Yes
124	492041	363340	Yes
125	492036	363540	Yes
126	492047	363732	Yes
127	490678	361328	Yes
128	490676	361115	Yes
129	490742	360912	Yes
130	490702	360717	Yes
131	490652	360536	Yes
132	490841	360506	Yes
133	491038	360486	Yes
134	491243	360474	Yes
135	491213	360328	Yes
136	492557	362710	Yes
137	492359	362707	Yes
138	492227	362636	Yes
139	492410	362642	Yes
140	492217	362588	Yes
141	492043	362508	Yes
142	491865	362434	Yes
143	491710	362310	Yes
144	491590	362150	Yes

Receptor	Easting	Northing	Glint and Glare Possible
145	491566	361990	Yes
146	491615	361828	Yes
147	491535	361655	Yes
148	491527	361461	Yes
149	491520	361260	Yes
150	491524	361063	Yes
151	491583	360916	Yes
152	491538	360722	Yes
153	491499	360529	Yes
154	491447	360343	Yes
155	491376	360211	Yes
156	491294	360038	Yes
157	491190	359886	Yes
158	491032	359759	Yes
159	490993	359571	Yes
160	490915	359386	Yes
161	490821	359207	Yes
162	490848	359007	Yes
163	491577	360197	Yes
164	491768	360217	Yes
165	491830	360072	Yes
166	492038	360034	Yes
167	492231	360017	Yes
168	492430	360020	Yes
169	492625	360003	Yes
170	492800	360015	Yes
171	492995	359971	Yes

Receptor	Easting	Northing	Glint and Glare Possible
172	493148	359895	Yes
173	493334	359832	Yes
174	493471	359747	Yes
175	493624	359656	Yes
176	490568	360360	Yes
177	490512	360170	Yes
178	490446	359982	Yes
179	490429	359793	Yes
180	490328	359660	Yes
181	490153	359636	Yes
182	489987	359632	Yes
183	489813	359514	Yes
184	489653	359395	Yes
185	489489	359283	Yes
186	489311	359223	Yes
187	489192	359099	Yes
188	488272	359266	Yes
189	488455	359190	Yes
190	488645	359136	Yes
191	488839	359103	Yes
192	489030	359060	Yes
193	491065	359389	Yes
194	491229	359303	Yes
195	491371	359168	Yes
196	490108	358665	Yes
197	490226	358812	Yes
198	490348	358962	Yes

Receptor	Easting	Northing	Glint and Glare Possible
199	490445	359076	Yes
200	490577	359217	Yes
201	490692	359378	Yes
202	490808	359542	Yes
203	490863	359734	Yes
204	491231	359732	Yes
205	491430	359737	Yes
206	491577	359661	Yes
207	491773	359639	Yes
208	491967	359637	Yes
209	488314	360698	Yes
210	488382	360509	Yes
211	488427	360314	Yes
212	488525	360138	Yes
213	488583	359953	Yes
214	488617	359757	Yes
215	488664	359567	Yes
216	488759	359447	Yes
217	488723	359250	Yes
218	488685	366264	No
219	488863	366363	No
220	489027	366260	No
221	489197	366155	No
222	489388	366099	No
223	489579	366059	No
224	489775	366015	No
225	489968	365973	No

Receptor	Easting	Northing	Glint and Glare Possible
226	490169	365938	No
227	490338	366036	No
228	490527	366075	No
229	490723	366096	No
230	490919	366096	No
231	490201	366509	No
232	490260	366318	No
233	490319	366126	No
234	490376	365845	No
235	489140	358953	No
236	489115	358763	No
237	489112	358570	No
238	488932	358524	No
239	489234	358672	No
240	489409	358706	No
241	489604	358661	No
242	489786	358605	No
243	489977	358537	No

5.10. There is one railway line, the Nottingham to Lincoln Line, within 1 km of the Principal Site that requires a detailed Glint and Glare Assessment.

5.11. The ground receptor no-reflection zones are clearly identifiable on **Figure 3: Appendix A** and the process of how these are calculated is explained in **paragraphs 5.1 to 5.2** of this report.

5.12. **Table 5 - 3** shows a list of receptors points within the Study Area which are 200 m apart.

Table 5 - 3: Rail Based Receptors

Receptor	Easting	Northing	Glint and Glare Possible
1	487057	364582	Yes

Receptor	Easting	Northing	Glint and Glare Possible
2	487205	364718	Yes
3	487353	364852	Yes
4	487501	364988	Yes
5	487647	365120	Yes
6	487794	365257	Yes
7	487941	365393	Yes
8	488087	365528	Yes
9	488233	365664	Yes
10	488388	365787	Yes
11	488548	365900	Yes
12	488717	366007	Yes
13	488892	366105	Yes
14	489075	366188	No
15	489261	366257	No
16	489449	366313	No
17	489645	366358	No
18	489837	366404	No
19	490034	366451	No
20	490225	366494	No

Bridleway Receptors

5.13. All bridleways within 1km of the Proposed Development have been considered. Other Public Right of Ways (PRoWs) have not been considered as the only PRoW with potential safety impacts because of glint and glare are bridleways due to the horse riders.

5.14. The ground receptor no-reflection zones are clearly identifiable on **Figure 4A: Appendix A** and the process of how these are calculated is explained in **paragraphs 5.1 to 5.2** of this report.

5.15. **Table 5 - 4** shows a list of receptors points within the study area which are 200m apart.

Table 5 - 4: Bridleway Based Receptors

Receptor	Easting	Northing	Glint and Glare Possible
1	488244	364983	Yes
2	488243	364790	Yes
3	488219	364600	Yes
4	488297	364415	Yes
5	488365	364235	Yes
6	488407	364038	Yes
7	489196	365662	Yes
8	489249	365469	Yes
9	489374	365386	Yes
10	489567	365430	Yes
11	489753	365492	Yes
12	490130	365543	Yes
13	490331	365528	Yes
14	489503	365325	Yes
15	489581	365146	Yes
16	489596	364952	Yes
17	490583	365489	Yes
18	490506	365323	Yes
19	490374	365189	Yes
20	490620	365225	Yes
21	490778	365150	Yes
22	488136	363471	Yes
23	488308	363571	Yes
24	488478	363674	Yes
25	488642	363606	Yes
26	488819	363658	Yes

Receptor	Easting	Northing	Glint and Glare Possible
27	488964	363785	Yes
28	489004	363934	Yes
29	488931	364055	Yes
30	488954	364244	Yes
31	489051	364388	Yes
32	489234	364437	Yes
33	489386	364436	Yes
34	489501	364325	Yes
35	489582	364146	Yes
36	489720	364078	Yes
37	489816	363956	Yes
38	489847	363758	Yes
39	489854	363104	Yes
40	489919	362921	Yes
41	489422	362383	Yes
42	489592	362378	Yes
43	489550	362474	Yes
44	489738	362490	Yes
45	491084	362668	Yes
46	491270	362603	Yes
47	491447	362677	Yes
48	491538	362338	Yes
49	491376	362468	Yes
50	491347	362615	Yes
51	491537	362667	Yes
52	491723	362714	Yes

Receptor	Easting	Northing	Glint and Glare Possible
53	492496	361894	Yes
54	492454	361708	Yes
55	492309	361684	Yes
56	492146	361653	Yes
57	492051	361495	Yes
58	491962	361330	Yes
59	491925	361139	Yes
60	491836	361009	Yes
61	491849	361343	Yes
62	491679	361441	Yes
63	491159	360779	Yes
64	491067	360661	Yes
65	489968	359912	Yes
66	489788	359988	Yes
67	489671	360081	Yes
68	489478	360121	Yes
69	489279	360162	Yes
70	490462	359869	Yes
71	490655	359827	Yes
72	490847	359771	Yes
73	491519	359959	Yes
74	491716	359932	Yes
75	491884	359963	Yes
76	492958	359760	Yes
77	492906	359569	Yes
78	490390	359003	Yes

Receptor	Easting	Northing	Glint and Glare Possible
79	490534	358867	Yes
80	489938	365550	No
81	489768	358602	No
82	489699	358414	No

Aviation Receptors

5.16. Aerodromes within 30km of the Principal Site can be found in **Table 5 - 5.**

Table 5 - 5: Airfields within close proximity

Airfield	Distance (km)	Use
Peacocks Farm	0.23	Small grass strip
South Hykeham Airfield	1.79	Small grass strip
South Scarle Airfield	2.76	Small grass strip
Blackmoor Farm	3.47	Small grass strip
RAF Waddington	5.93	Military
Thorney Airfield	7.33	Small grass strip
Heath Farm	7.49	Small grass strip
Grassthorpe Grange Airfield	8.43	Small grass strip
Griffins Farm	8.95	Small grass strip
Rectory Farm	12.51	Small grass strip
Glebe Farm	12.87	Small grass strip
Darlton Airfield	14	Small grass strip
RAF Scamptom	14.46	Military
Knapthorne Lodge Airfield	14.78	Small grass strip
The Cottage Farm	14.82	Small grass strip
RAF cranwell	14.91	Military
Stow Airfield	15.84	Small grass strip

Airfield	Distance (km)	Use
Foston Airfield	16.59	Small grass strip
Headon Farm	17.2	Small grass strip
Forwood Farm	18.45	Small grass strip
RAF Barkston Heath	18.94	Military
RAF Syerston	19.08	Military
Ingham Airfield	19.13	Small grass strip
Grove Moor Farm	19.94	Small grass strip
Nanbeck Farm	20.01	Small grass strip
Old Manor Farm	20.91	Small grass strip
Retford/Gamston Airport	21.34	Licensed aerodrome
Sturgate Airfield	22.49	Small concrete strip
Bankwood Farm	23.65	Small grass strip
Wickenby Aerodrome	24.54	Licensed aerodrome
Hallyards Farm	25.59	Small grass strip
Jericho Farm	28.75	Small grass strip
RAF Conningsby	28.93	Military
Langar Airfield	29.43	Small concrete strip
Grange Farm	29.71	Small grass strip

5.17. As shown in **Table 5 - 5**, there are 35 aerodromes within 30km of the Principal Site. However, only RAF Waddington, Peacocks Farm, South Hykeham Airfield, South Scarle Airfield and Blackmoor Farm will require a detailed assessment as the Principal Site is located within their safeguarding buffer zones, outlined in **paragraph 4.25 - 4.27.**

5.18. The other 30 aerodromes do not require detailed assessments due to their location in relation to the Principal Site falling outside of the buffer zones outlined in **paragraph 4.25 - 4.27.**

RAF Waddington

5.19. RAF Waddington (ICAO code EGXW) is a military aerodrome. It is located approximately 4 nautical miles (NM) or 7.4km south of Lincoln.

5.20. The elevation of the aerodrome is 230 ft (70 m). It has one blacktop concrete ends runway, details of which are given in **Table 5 - 6**.

Table 5 - 6: Runways at RAF Waddington

Runway Designation	True Bearing (°)	Length (m)	Width (m)
02	021.69	2399	58
20	201.70	2399	58

5.21. The threshold location and height of the runway at RAF Waddington are given in Table 5 - 7.

Table 5 - 7: Runway Threshold Locations and Heights

Runway Designation	Threshold Latitude	Threshold Longitude	Height AOD (m)
02	53° 09′ 15.66″ N	000° 31′ 54.02″ W	69
20	53° 10′ 36.99″ N	000° 31′ 00.19″ W	67

5.22. The ARP is located at the midpoint of Runway 02/20. The actual location of the ARP and the ATCT is given in Table 5 - 8. The height of the ATCT is estimated to be 10m based off images from Google Earth.

Table 5 - 8: RAF Waddington Reference Point

	Latitude	Longitude	Eastings	Northings
ARP	53° 09′ 58.86′′ N	000° 31′ 25.45′′ W	498790	364266
ATCT	53° 10′ 19.80′′ N	000° 31′ 25.68′′ W	498769	364911

Peacocks Farm

5.23. Peacocks Farm is a private VFR aerodrome. It is located approximately 2 nautical miles (NM) or 3.8 km southwest of North Hykeham.

5.24. The elevation of the aerodrome is 36 ft (11 m). It has one grass runway, details of which are given in Table 5 - 9.

Table 5 - 9: Runways at Peacocks Farm

Runway Designation	True Bearing (°)	Length (m)	Width (m)
06	061.00	440	18
24	241.00	440	18

5.25. The threshold location and height of the runway at Peacocks Farm are given in Table 5 - 10.

Table 5 - 10: Runway Threshold Locations and Heights

Runway Designation	Threshold Latitude	Threshold Longitude	Height AOD (m)
06	53° 08′ 56.55″ N	000° 37′ 37.46″ W	12
24	53° 09′ 03.45″ N	000° 37′ 16.16″ W	9

5.26. There is no ARP or ATCT at Peacocks Farm.

South Hykeham Airfield

5.27. South Hykeham Airfield is a VFR only aerodrome. It is located approximately 0.6 nautical miles (NM) or 1.2 km southwest of North Hykeham.

5.28. The elevation of the aerodrome is approximately 23 ft (7 m). It has two grass strip runways, details of which are given in Table 5 - 11.

Table 5 - 11: Runways at South Hykeham Airfield

Runway Designation	True Bearing (°)	Length (m)	Width (m)
10	104.00	540	15
28	284.00	540	15
13	125.00	600	21
31	305.00	600	21

5.29. The threshold locations and heights of the runways at south Hykeham Airfield are given in Table 5 - 12.

Table 5 - 12: South Hykeham Airfield Runway Threshold Locations and Heights

Runway Designation	Threshold Latitude	Threshold Longitude	Height AOD (m)
10	53° 10′ 22.51′′ N	000° 36′ 29.15″ W	9
28	53° 10′ 17.45″ N	000° 36′ 01.21″ W	6
13	53° 10′ 28.05″ N	000° 36′ 31.55″ W	8
31	53° 10′ 17.77″ N	000° 36′ 06.70″ W	6

5.30. There is no Aerodrome Reference Point (ARP) or ATCT at South Hykeham Airfield.

South Scarle Airfield

5.31. South Scarle Airfield is a VFR only aerodrome. It is located approximately 1.2 nautical miles (NM) or 2.2 km northeast of Collingham.

5.32. The elevation of the aerodrome is 39 ft (12 m). It has one grass strip runway, details of which are given in **Table 5 - 13**.

Table 5 - 13: Runways at South Scarle Airfield

Runway Designation	True Bearing (°)	Length (m)	Width (m)
10	102	480	12
28	282	480	12

5.33. The threshold locations and heights of the runways at South Scarle Airfield are given in **Table 5 - 14**.

Table 5 - 14: South Scarle Airfield Runway Threshold Locations and Heights

Runway Designation	Threshold Latitude	Threshold Longitude	Height AOD (m)
10	53° 09′ 35.30′′ N	000° 43′ 46.36″ W	12
28	53° 09′ 32.28″ N	000° 43 21.22″ W	12

5.34. There is no ARP or ATCT at South Scarle Airfield.

Blackmoor Farm

5.35. Blackmoor Farm is a private VFR only aerodrome. It is located approximately 1.3 nautical miles (NM) or 2.5 km south of North Hykeham.

5.36. The elevation of the aerodrome is 20 ft (6 m). It has one grass strip runway, details of which are given in Table 5 - 15.

Table 5 - 15: Runways at Blackmoor Farm

Runway Designation	True Bearing (°)	Length (m)	Width (m)
06	57.00	340	10
24	237.00	340	10

5.37. The threshold locations and heights of the runways at Blackmoor Farm are given in Table 5 - 16.

Table 5 - 16: Blackmoor Farm Runway Threshold Locations and Heights

Runway Designation	Threshold Latitude	Threshold Longitude	Height AOD (m)
06	53° 09′ 28.26′′ N	000° 35′ 10.49″ W	6
24	53° 09′ 34.45″ N	000° 34′ 55.23″ W	6

5.38. There is no ARP or ATCT at Blackmoor Farm.

6. IMPACT ASSESSMENT

6.1. Following the methodology outlined earlier in this report, geometrical analysis comparing the azimuth and horizontal angle of the receptors from the Proposed Development and the solar reflection was conducted. Although this model did not take into account obstructions such as vegetation and buildings, discussion on the potentially impacted receptors is provided where necessary. Such obstructions will be taken into account during the visibility assessment and will be discussed for each relevant receptor.

GROUND BASED RECEPTORS

Residential Receptors

6.2. **Table 6-1** identifies the receptors that will experience solar reflections based on solar reflection modelling and whether the reflections will be experienced in the morning (AM), evening (PM), or both. The number in brackets indicates which residential area the receptor belongs.

6.3. The 10 receptors which were within the no-reflection zones outlined previously have been excluded from the detailed modelling as they will never receive any glint and glare impacts from the Proposed Development.

6.4. **Appendix BA - DC** shows the analysis with the ground mounted solar panels at a tilt angle of between 5 and 45 degrees and with the tracker panels. **Appendix BA, BB and BC** shows the analysis for Receptors 1 – 80, 81 - 160 and 161 – 203 respectively with a tilt angle of 5 degrees, **Appendix CA, CB and CC** shows the analysis for Receptors 1 – 80, 81 - 160 and 161 – 203 respectively with a tilt angle of 45 degrees and **Appendix DA, DB and DC** shows the analysis for Receptors 1 – 80, 81 - 160 and 161 – 203 respectively with tracker panels.

6.5. **Table 6 - 1** shows the worst-case impact at each receptor, based on a theoretical modelled impact without consideration of local vegetation or other obstacles and assuming no cloud at any point in the year.

Table 6 - 1: Potential for Glint and Glare Impact on Residential Receptors

Receptor	Glint Possible from Site		Potential Glare Impact (per year)		Magnitude of Impact	Worst Case Tilt Angle (Degrees)
	AM	PM	Minutes	Hours		
1	No	No	0	0	None	N/A
2	No	No	0	0	None	N/A
3	No	No	0	0	None	N/A

Receptor	Glint Possible from Site		Potential Glare Impact (per year)		Magnitude of Impact	Worst Case Tilt Angle (Degrees)
	AM	PM	Minutes	Hours		
4 (1)	No	No	0	0	None	N/A
5 (1)	Yes	No	285	4.75	Low	45
6	Yes	No	820	13.67	Low	45
7	Yes	No	39	0.65	Low	Tracker
8	Yes	No	933	15.55	Low	45
9	Yes	No	852	14.20	Low	45
10	Yes	No	1062	17.70	Low	45
11	Yes	No	1082	18.03	Low	45
12	No	No	0	0	None	N/A
13 (2)	Yes	No	647	10.78	Low	45
14 (2)	Yes	No	1307	21.78	Medium	45
15 (2)	Yes	No	3301	55.02	High	5
16 (2)	Yes	No	3733	62.22	High	5
17 (2)	Yes	No	3489	58.15	High	5
18 (2)	Yes	No	2123	35.38	High	5
19 (2)	Yes	No	2021	33.68	High	5
20	Yes	No	1146	19.10	Low	5
21	Yes	No	1529	25.48	Medium	5
22	Yes	No	1680	28.00	Medium	5
23 (3)	Yes	No	4583	76.38	High	5
24 (3)	Yes	Yes	3051	50.85	High	5
25	Yes	No	669	11.15	Low	5
26	Yes	No	1519	25.32	Medium	5
27	Yes	No	1365	22.75	Medium	45
28	Yes	No	1140	19.00	Low	45

Receptor	Glint Possible from Site		Potential Glare Impact (per year)		Magnitude of Impact	Worst Case Tilt Angle (Degrees)
	AM	PM	Minutes	Hours		
29	Yes	Yes	6426	107.10	High	45
30	No	No	1023	17.05	Low	5
31	No	No	1026	17.1	Low	5
32	No	No	1311	21.85	Medium	5
33	No	No	1360	22.67	Medium	5
34	No	No	1335	22.25	Medium	5
35	No	No	0	0	None	N/A
36	No	No	0	0	None	N/A
37	No	No	0	0	None	N/A
38 (4)	Yes	Yes	6978	116.30	High	45
39 (4)	Yes	Yes	7309	121.82	High	45
40 (4)	Yes	Yes	3681	61.35	High	45
41 (4)	Yes	Yes	4946	82.43	High	45
42	No	No	0	0	None	N/A
43 (5)	No	Yes	157	2.62	Low	Tracker
44 (5)	No	No	118	1.97	Low	Tracker
45 (5)	No	No	202	3.37	Low	Tracker
46	No	Yes	179	2.98	Low	Tracker
47	No	Yes	196	3.27	Low	Tracker
48	Yes	No	25	0.42	Low	Tracker
49	Yes	Yes	89	1.48	Low	Tracker
50 (6)	Yes	Yes	208	3.47	Low	Tracker
51 (6)	Yes	Yes	543	9.05	Low	Tracker
52 (7)	No	Yes	129	2.15	Low	Tracker
53 (7)	No	No	60	1.00	Low	Tracker

Receptor	Glint Possible from Site		Potential Glare Impact (per year)		Magnitude of Impact	Worst Case Tilt Angle (Degrees)
	AM	PM	Minutes	Hours		
54 (7)	Yes	Yes	1048	17.47	Low	Tracker
55 (7)	Yes	Yes	873	14.55	Low	Tracker
56 (7)	No	Yes	109	1.82	Low	Tracker
57 (7)	Yes	Yes	646	10.77	Low	Tracker
58 (7)	Yes	Yes	1161	19.35	Low	Tracker
59 (7)	Yes	Yes	1466	24.43	Medium	Tracker
60 (7)	Yes	Yes	1773	29.55	Medium	Tracker
61 (7)	Yes	Yes	1178	19.63	Low	Tracker
62 (7)	Yes	Yes	2094	34.90	High	Tracker
63 (7)	Yes	Yes	1657	27.62	Medium	Tracker
64 (7)	Yes	Yes	2322	38.70	High	Tracker
65 (7)	Yes	Yes	1496	24.93	Medium	Tracker
66 (7)	No	Yes	999	16.65	Low	Tracker
67 (7)	No	Yes	151	2.52	Low	Tracker
68 (8)	No	No	258	4.00	Low	Tracker
69 (8)	No	Yes	286	4.77	Low	Tracker
70 (8)	No	Yes	345	5.75	Low	Tracker
71	No	Yes	1095	18.25	Low	45
72	No	Yes	2335	38.92	High	5
73 (9)	No	Yes	2415	40.25	High	5
74 (9)	No	Yes	1726	28.77	Medium	45
75	No	Yes	2055	34.25	High	45
76	No	Yes	2214	36.90	High	45
77	No	Yes	2598	43.30	High	45
78	No	Yes	800	13.33	Low	45

Receptor	Glint Possible from Site		Potential Glare Impact (per year)		Magnitude of Impact	Worst Case Tilt Angle (Degrees)
	AM	PM	Minutes	Hours		
79	No	Yes	130	2.17	Low	45
80	No	Yes	86	1.43	Low	45
81	Yes	Yes	2138	35.63	High	45
82	No	Yes	3254	54.23	High	5
83	Yes	No	3522	58.70	High	5
84	No	No	0	0	None	N/A
85	No	No	0	0	None	N/A
86	No	No	0	0	None	N/A
87 (10)	No	No	0	0	None	N/A
88 (10)	Yes	No	0	0	None	N/A
89 (10)	No	No	0	0	None	N/A
90 (10)	Yes	No	0	0	None	N/A
91 (10)	Yes	No	0	0	None	N/A
92 (10)	Yes	No	0	0	None	N/A
93 (10)	Yes	No	11	0.18	Low	5
94 (10)	Yes	No	57	0.95	Low	5
95 (10)	Yes	No	1230	20.50	Medium	45
96 (10)	Yes	No	2142	35.70	High	45
97 (10)	Yes	No	1774	29.57	Medium	45
98 (10)	Yes	No	937	15.62	Low	45
99 (10)	Yes	No	272	4.53	Low	5
100 (10)	Yes	No	2710	45.17	High	5
101 (10)	Yes	No	4209	70.15	High	5
102 (10)	Yes	No	5998	99.97	High	5
103 (10)	Yes	No	2266	37.77	High	5

Receptor	Glint Possible from Site		Potential Glare Impact (per year)		Magnitude of Impact	Worst Case Tilt Angle (Degrees)
	AM	PM	Minutes	Hours		
104 (10)	Yes	No	122	2.03	Low	45
105 (10)	Yes	No	0	0	None	N/A
106 (10)	Yes	No	5	0.08	Low	45
107 (10)	Yes	No	10	0.17	Low	45
108 (10)	Yes	No	725	12.08	Low	5
109 (10)	Yes	No	0	0	None	N/A
110 (10)	Yes	No	996	16.60	Low	5
111 (10)	No	No	668	11.13	Low	5
112 (10)	No	No	425	7.08	Low	5
113 (10)	No	No	36	0.60	Low	5
114 (10)	No	No	5	0.08	Low	45
115 (10)	No	Yes	0	0	None	N/A
116 (10)	No	No	0	0	None	N/A
117 (11)	No	No	379	6.32	Low	45
118 (11)	No	Yes	6	0.10	Low	45
119 (11)	No	Yes	93	1.55	Low	45
120 (11)	No	Yes	0	0	None	N/A
121	No	Yes	24	0.40	Low	Tracker
122	No	Yes	4163	69.38	High	5
123 (12)	No	No	390	6.50	Low	Tracker
124 (12)	No	No	108	1.80	Low	Tracker
125	No	No	1	0.02	Low	Tracker
126 (13)	No	No	0	0	None	N/A
127 (13)	No	No	0	0	None	N/A
128 (13)	No	No	0	0	None	N/A

Receptor	Glint Possible from Site		Potential Glare Impact (per year)		Magnitude of Impact	Worst Case Tilt Angle (Degrees)
	AM	PM	Minutes	Hours		
129 (13)	No	No	0	0	None	N/A
130 (13)	No	No	0	0	None	N/A
131 (13)	No	No	0	0	None	N/A
132	No	No	0	0	None	N/A
133	Yes	No	0	0	None	N/A
134 (14)	Yes	No	0	0	None	N/A
135 (14)	Yes	No	4	0.07	Low	5
136 (15)	Yes	Yes	2054	34.23	High	5
137 (15)	Yes	Yes	1929	32.15	High	5
138 (15)	Yes	No	1351	22.52	Medium	5
139 (16)	Yes	No	570	9.50	Low	45
140 (16)	Yes	No	618	10.30	Low	45
141 (16)	Yes	No	576	9.60	Low	45
142 (16)	Yes	No	793	13.22	Low	45
143 (17)	Yes	No	307	5.12	Low	45
144 (17)	Yes	No	106	1.77	Low	45
145	Yes	No	852	14.20	Low	45
146	No	Yes	17	0.28	Low	5
147	No	Yes	853	14.22	Low	5
148	No	Yes	3006	50.10	High	5
149	Yes	No	276	4.60	Low	45
150	Yes	No	299	4.98	Low	45
151	Yes	No	803	13.38	Low	5
152 (18)	Yes	No	1003	16.72	Low	5
153 (18)	Yes	Yes	673	11.22	Low	45

Receptor	Glint Possible from Site		Potential Glare Impact (per year)		Magnitude of Impact	Worst Case Tilt Angle (Degrees)
	AM	PM	Minutes	Hours		
154 (18)	Yes	Yes	764	12.73	Low	5
155	Yes	No	1529	25.48	Medium	5
156	Yes	Yes	1194	19.90	Low	5
157	Yes	No	4650	77.50	High	45
158	Yes	No	3577	59.62	High	45
159	Yes	No	313	5.22	Low	45
160	Yes	No	251	4.18	Low	45
161	Yes	Yes	45	0.75	Low	45
162	No	No	3579	59.65	High	5
163	No	No	3457	57.62	High	5
164	No	No	3004	50.07	High	5
165	No	No	0	0	None	N/A
166	Yes	No	0	0	None	N/A
167	Yes	No	0	0	None	N/A
168	Yes	No	0	0	None	N/A
169 (19)	Yes	Yes	64	1.07	Low	5
170 (19)	Yes	No	0	0	None	N/A
171 (19)	No	Yes	75	1.25	Low	5
172 (19)	No	Yes	289	4.82	Low	5
173 (19)	No	Yes	33	0.55	Low	5
174 (19)	No	Yes	0	0	None	N/A
175 (19)	No	Yes	0	0	None	N/A
176 (19)	No	Yes	0	0	None	N/A
177 (19)	No	Yes	0	0	None	N/A
178 (19)	No	Yes	21	0.35	Low	45

Receptor	Glint Possible from Site		Potential Glare Impact (per year)		Magnitude of Impact	Worst Case Tilt Angle (Degrees)
	AM	PM	Minutes	Hours		
179 (19)	No	Yes	67	1.12	Low	45
180 (19)	No	Yes	245	4.08	Low	5
181 (19)	No	Yes	274	4.57	Low	45
182 (19)	No	Yes	403	6.72	Low	45
183 (19)	No	Yes	1051	17.52	Low	5
184 (19)	No	Yes	345	5.75	Low	45
185 (19)	Yes	Yes	252	4.20	Low	45
186 (19)	Yes	Yes	361	6.02	Low	5
187 (19)	Yes	Yes	301	5.02	Low	45
188 (19)	No	Yes	1259	20.98	Medium	45
189 (19)	No	Yes	1147	19.12	Low	45
190 (19)	No	Yes	414	6.90	Low	45
191 (19)	Yes	No	131	2.18	Low	45
192 (19)	Yes	No	18	0.30	Low	45
193	Yes	No	253	4.22	Low	45
194 (20)	Yes	No	174	2.90	Low	5
195 (20)	Yes	No	837	13.95	Low	5
196 (21)	Yes	No	1330	22.17	Medium	5
197 (21)	No	No	994	16.57	Low	5
198 (21)	No	No	1284	21.40	Medium	5
199 (21)	Yes	No	1297	21.62	Medium	5
200 (21)	Yes	No	0	0	None	N/A
201 (21)	No	No	0	0	None	N/A
202 (21)	Yes	No	1254	20.90	Medium	5
203 (21)	Yes	No	464	7.73	Low	5

6.6. As can be seen in **Table 6 - 1**, there is a **High** impact at 36 receptors, including seven residential areas, **Medium** impact at 22 receptors, including two residential areas, **Low** impact at 102 receptors, including 11 residential areas and a **None** impact at 43 receptors, including one residential areas. **Appendix BA - DC** shows detailed analysis of when the glare impacts are possible, whilst also showing which parts of the solar farm the solar glare is reflected from.

6.7. **Appendix Q** shows Google Earth images that give an insight into how each receptor will be impacted by the glint and glare from the Principal Site. There is a mixture of images used, which include aerial, ground level and street level. The aerial images show the location of the receptor with the solar farm drawn as a white polygon and can be seen on the images when the solar farm is theoretically visible. The area of the solar farm from where reflections may be possible has been drawn as a yellow polygon. The ground level terrain is based on the height data of the surrounding land showing no intervening vegetation or buildings. The white and yellow polygons can be seen in this view also. The street view gives a good indication as to whether the area of the solar farm where reflections are theoretically possible will be visible from the receptor point.

Receptors 5 and 6 (Group A Receptors 5 and 6)

6.8. The 'Glare Reflections on PV Footprint' chart in **Appendix CA** shows that reflections from the northern half of Panel Area 2 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.9. The first image in **Appendix Q** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Principal Site. This image shows dense vegetation between the Principal Site and the receptors. The second image is a ground level image taken from the position of Receptor 6 with an eastwards view towards Panel Area 2 in the Principal Site. This image confirms that the topography is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 7 (Group A Receptor 7)

6.10. The 'Glare Reflections on PV Footprint' chart in **Appendix DA** shows that reflections from a central section of Panel Area 4 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.11. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows vegetation between the Principal Site and the receptor. The second image is a street view image with a northwards view towards the receptor. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptors 8 - 11 (Group A Receptor 8 - 11)

6.12. The 'Glare Reflections on PV Footprint' chart in **Appendix BA and CA** shows that reflections from a central section of Panel Area 1 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.13. The first image in **Appendix Q** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows dense vegetation between the Principal Site and the receptor. The second image is a street view image with a view of the vegetation to the east of the receptors. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 13 (Group A Receptor 13)

6.14. The 'Glare Reflections on PV Footprint' chart in **Appendix CA** shows that reflections from a small northern section of Panel Area 1 and a central section of Panel Area 2 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.15. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows dense vegetation between the Principal Site and the receptor. The second image is a street view image with an eastwards view towards Panel Areas 1 and 2 in the Principal Site. This image confirms that the vegetation is sufficient to screen all views of Panel Area 2 and filter views of Panel Area 1 in the Principal Site where glint and glare is possible. Therefore, the impact remains **Low**.

Receptor 14 (Group A Receptor 14)

6.16. The 'Glare Reflections on PV Footprint' chart in **Appendix BA and CA** shows that reflections from a small northern section of Panel Area 1 and a southern section of Panel Area 2 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.17. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows dense vegetation between the Principal Site and the receptor. The second image is a street view image with an eastwards view towards Panel Areas 1 and 2 in the Principal Site. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptors 15 - 17 (Group A Receptors 15 - 17)

6.18. The 'Glare Reflections on PV Footprint' chart in **Appendix BA, CA and DA** shows that reflections from a small central section of Panel Area 1, a central section of Panel Area 2 and a northern

section of Panel Area 4 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.19. The first image in **Appendix Q** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Principal Site. This image shows dense vegetation between the Principal Site and the receptors. The second and third images are ground level images taken from the position of Receptor 16 with an eastwards view towards Panel Areas 1, 2 and 4 in the Principal Site showing the position of the sun at 06:45 UTC on March 10th and at 07:15 UTC on June 1st respectively. However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar array, as outlined in **paragraph 4.16**. These images confirm that the sun will be the main source of solar reflection at the receptors and that the topography is sufficient to screen all views of Panel Area 2 in the Principal Site where glint and glare is possible. Therefore, the impact reduces to **Low**.

Receptors 18 and 19 (Group A Receptors 18 and 19)

6.20. The 'Glare Reflections on PV Footprint' chart in **Appendix BA, CA and DA** shows that reflections from a central section of Panel Area 1 and a northern section of Panel Area 4 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.21. The first image in **Appendix Q** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Principal Site. This image shows dense vegetation between the Principal Site and the receptors. The second and third images are ground level images taken from the position of Receptor 18 with an eastwards view towards Panel Areas 1, 2 and 4 in the Principal Site showing the position of the sun at 06:45 UTC on April 10th and at 07:00 UTC on May 15th respectively. However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar array, as outlined in **paragraph 4.16**. These images confirm that the sun will be the main source of solar reflection at the receptors. Therefore, the impact reduces to **Low.**

Receptor 20 (Group A Receptor 20)

6.22. The 'Glare Reflections on PV Footprint' chart in **Appendix BA and BC** shows that reflections from a central section of Panel Area 1 and a northern section of Panel Area 3 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.23. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows dense vegetation between the Principal Site and the receptor. The second image is a street view image with a view towards the receptor. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptors 21 - 27 (Group A Receptors 21 - 27)

6.24. The 'Glare Reflections on PV Footprint' chart in **Appendix BA, CA and DA** shows that reflections from a southeastern and a western section of Panel Area 1 and a southern section of Panel Area 2, a northern section of Panel Area 3 and a central section of Panel Area 4 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.25. The first image in **Appendix Q** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Principal Site. This image shows vegetation between the Principal Site and the receptors. The second and third images are ground level images taken from the position of Receptor 24 with an eastwards view towards Panel Areas 1, 2, 3 and 4 in the Principal Site showing the position of the sun at 06:45 UTC on March 25th and at 07:15 UTC on June 1st respectively. The fourth and fifth images are ground level images taken from the position of Receptor 24 with an eastwards view towards Panel Area 1 in the Principal Site showing the position of the sun at 17:15 UTC on April 15th and at 19:00 UTC on July 1st respectively. However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar array, as outlined in **paragraph 4.16**. These images confirm that the sun will be the main source of solar reflection at the receptors and that the topography is sufficient to screen all views of Panel Area 2 in the Principal Site where glint and glare is possible. Therefore, the impact reduces to **Low**.

Receptor 28 (Group A Receptor 28)

6.26. The 'Glare Reflections on PV Footprint' chart in **Appendix BA and CA** shows that reflections from a northern section of Panel Area 1, a southwest section of Panel Area 2 and an eastern section of Panel Area 4 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.27. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. This image shows vegetation between the Principal Site and the receptor. The second, third and fourth images are ground level images taken from the position of the receptor with an eastwards view towards Panel Areas 2 and 3 in the Principal Site showing the position of the sun at 06:30 UTC on March 15th, at 06:45 UTC on April 15th and at 04:45 UTC on June 15th respectively. However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar array, as outlined in **paragraph 4.16**. These images confirm that the sun will be the main source of solar reflection at the receptor. The fifth image is a ground level image taken from the position of the receptor with a westwards view towards Panel Area 1 in the Principal Site. This image confirms that the topography is sufficient to screen all views of Panel Area 1 in the Principal Site were glint and glare is possible. Therefore, the impact reduces to **Low.**

Receptor 29 (Group A Receptor 29)

6.28. The 'Glare Reflections on PV Footprint' chart in **Appendix BA and CA** shows that reflections from a central section of Panel Area 1, a central section of Panel Arae 3 and a western section of Panel Area 4 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.29. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. This image shows vegetation between the Principal Site and the receptor. The second and third images are ground level images taken from the position of the receptor with an eastwards view towards Panel Area 4 in the Principal Site showing the position of the sun at 06:30 UTC on April 1st and at 06:45 UTC on July 1st respectively. The fourth and fifth images are ground level images taken from the position of the receptor with a westwards view towards Panel Areas 1 and 3 in the Principal Site showing the position of the sun at 17:45 UTC on April 1st and at 17:00 UTC on May 15th respectively. However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar array, as outlined in **paragraph 4.16**. These images confirm that the sun will be the main source of solar reflection at the receptors. Therefore, the impact reduces to **Low.**

Receptors 30 - 34 (Group A Receptors 30 - 34)

6.30. The 'Glare Reflections on PV Footprint' chart in **Appendix BA and BC** shows that reflections from a central section of Panel Area 3 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.31. The first image in **Appendix Q** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows dense vegetation between the Principal Site and the receptors. The second image is a street view image with a view towards the Principal Site. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 38 (Group A Receptor 38)

6.32. The 'Glare Reflections on PV Footprint' chart in **Appendix BA and CA** shows that reflections from a northern section of Panel Area 1, a western section of Panel Area 2 and a western, a northwest section and a southern section of Panel Area 4 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.33. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. This image shows vegetation between the Principal Site and the receptor. The second and third images are ground level images taken from the position of the receptor with an eastwards view towards Panel Area 3 in the Principal Site showing the position of the sun at 06:30 UTC on April 1st and at 07:00 UTC on July 15th respectively. The

fourth and fifth images are ground level images taken from the position of the receptor with a westwards view towards Panel Areas 1 and 2 in the Principal Site showing the position of the sun at 17:45 UTC on April 1st and at 17:00 UTC on July 1st respectively. However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar array, as outlined in **paragraph 4.16**. These images confirm that the sun will be the main source of solar reflection at the receptors. Therefore, the impact remains **Low.**

Receptors 39 and 40 (Group A Receptors 39 and 40)

6.34. The 'Glare Reflections on PV Footprint' chart in **Appendix BA and CA** shows that reflections from a central section of Panel Area 1, a northwest section and a southern section of Panel Area 4 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.35. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. This image shows vegetation between the Principal Site and the receptor. The second and third images are ground level images taken from the position of receptor 39 with an eastwards view towards Panel Area 3 in the Principal Site showing the position of the sun at 06:30 UTC on April 1st and at 07:15 UTC on July 1st respectively. The fourth and fifth images are ground level images taken from the position of receptor 39 with a westwards view towards Panel Area 1 in the Principal Site showing the position of the sun at 18:00 UTC on June 1st and at 17:00 UTC on May 1st respectively. However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar array, as outlined in **paragraph 4.16**. These images confirm that the sun will be the main source of solar reflection at the receptors. Therefore, the impact reduces to **Low.**

Receptor 41 (Group A Receptor 41)

6.36. The 'Glare Reflections on PV Footprint' chart in **Appendix BA and CA** shows that reflections from a central section of Panel Area 1 and a northern section of Panel Area 6 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.37. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows vegetation between the Principal Site and the receptor. The second image is a street view image with a view towards the receptor. This image confirms that the vegetation is sufficient to screen all views of Panel Area 5 in the Principal Site where glint and glare is possible. The third and fourth images are ground level images taken from the position of the receptor with aa westwards view towards Panel Area 1 in the Principal Site showing the position of the sun at 17:45 UTC on April 1st and at 17:00 UTC on May 1st respectively. However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar

array, as outlined in **paragraph 4.16**. These images confirm that the sun will be the main source of solar reflection at the receptors. Therefore, the impact reduces to **Low.**

Receptor 43 (Group A Receptor 43)

6.38. The 'Glare Reflections on PV Footprint' chart in **Appendix DA** shows that reflections from a central section of Panel Area 4 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.39. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows dense vegetation between the Principal Site and the receptor. The second image is a street view image with a view towards the receptor. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptors 44 - 47 (Group A Receptors 44 - 47)

6.40. The 'Glare Reflections on PV Footprint' chart in **Appendix DA** shows that reflections from all, except a southern section of Panel Area 4 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.41. The first image in **Appendix Q** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows dense vegetation between the Principal Site and the receptors. The second image is a street view image with a view of the vegetation to the south of the receptors. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptors 48 - 51 (Group A Receptors 48 - 51)

6.42. The 'Glare Reflections on PV Footprint' chart in **Appendix DA** shows that reflections from the southern half of Panel Area 6 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.43. The first image in **Appendix Q** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows dense vegetation between the Principal Site and the receptors. The second image is a street view image with a view towards Panel Area 6 in the Principal Site. This image confirms that the vegetation and intervening buildings are sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 52 (Group A Receptor 52)

6.44. The 'Glare Reflections on PV Footprint' chart in **Appendix DA** shows that reflections from a central section of Panel Area 2 and an eastern section of Panel Area 4 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.45. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows vegetation between the Principal Site and the receptors. The second image is a ground level image with a view towards Panel Area 6 in the Principal Site. This image confirms that the vegetation and intervening buildings are insufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 53 (Group A Receptor 53)

6.46. The 'Glare Reflections on PV Footprint' chart in **Appendix DA** shows that reflections from a northern section of Panel Area 6 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.47. The first image in **Appendix Q** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows dense vegetation between the Principal Site and the receptors. The second image is a street view image with a view towards Panel Area 6 in the Principal Site. This image confirms that the vegetation and intervening buildings are sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptors 54 - 58 (Group A Receptors 54 – 58)

6.48. The 'Glare Reflections on PV Footprint' chart in **Appendix DA** shows that reflections from all, except a southern and an eastern section, of Panel Area 4 and all, except a western section, of Panel Area 6 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.49. The first image in **Appendix Q** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows vegetation and intervening buildings between the Principal Site and the receptors. The second image is a street view image with a view towards the receptors. This image confirms that the vegetation and intervening buildings are sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptors 59 - 62 (Group A Receptors 59 – 62)

6.50. The 'Glare Reflections on PV Footprint' chart in **Appendix BA, CA and DA** shows that reflections from a northern section of Panel Area 2, the northern half of Panel Area 4 and all, except a

western section, of Panel Area 6 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.51. The first image in **Appendix Q** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows vegetation and intervening buildings between the Principal Site and the receptors. The second image is a street view image with a view towards the receptors. This image confirms that the vegetation and intervening buildings are sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 63 (Group A Receptor 63)

6.52. The 'Glare Reflections on PV Footprint' chart in **Appendix BA, CA and DA** shows that reflections from a northern section of Panel Area 2, the northern half of Panel Area 4 and all, except a western section, of Panel Area 6 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.53. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows vegetation between the Principal Site and the receptor. The second image is a street view image with a view towards the receptor. This image confirms that the vegetation and intervening buildings are sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptors 64 - 67 (Group A Receptors 64 - 67)

6.54. The 'Glare Reflections on PV Footprint' chart in **Appendix BA, CA and DA** shows that reflections from a northern section of Panel Area 2, all, except a southern and an eastern section, of Panel Area 4 and all, except a western section, of Panel Area 6 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.55. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. This image shows vegetation between the Principal Site and the receptor. The second image is a ground level image taken from the position of Receptor 66 with a view towards the Panel Area 6 in the Principal Site showing the position of the sun at 12:00 UTC on January 1st. The third image is a ground level image taken from the position of Receptor 66 with a view towards the Panel Area 2 in the Principal Site showing the position of the sun at 17:15 UTC on October 1st. The fourth image is a ground level image taken from the position of Receptor 66 with a view towards the Panel Area 4 in the Principal Site showing the position of the sun at 14:30 UTC on December 1st However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar array, as outlined in **paragraph 4.16**. These images confirm that the sun will be the main source of solar reflection at the receptors. Therefore, the impact reduces to **Low.**

Receptors 68 - 70 (Group A Receptors 68 - 70)

6.56. The 'Glare Reflections on PV Footprint' chart in **Appendix DA** shows that reflections from all, except a southern section, of Panel Area 4 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.57. The first image in **Appendix Q** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows vegetation and intervening buildings between the Principal Site and the receptors. The second image is a street view image with a view towards Panel Area 4 in the Principal Site. This image confirms that the vegetation and intervening buildings are sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 71 (Group A Receptor 71)

6.58. The 'Glare Reflections on PV Footprint' chart in **Appendix BA, CA and DA** shows that reflections from a northern section of Panel Area 2 and a northern section of Panel Area 6 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.59. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. This image shows vegetation between the Principal Site and the receptor. The second and third images are ground level images taken from the position of the receptor with a westwards view towards the Panel Area 2 in the Principal Site showing the position of the sun at 17:45 UTC on March 15th and at 17:00 UTC on April 1st respectively. The fifth image is a ground level image taken from the position of the receptor with a southwards view towards the Panel Area 6 in the Principal Site showing the position of the sun at 12:45 UTC on December 15th. However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar array, as outlined in **paragraph 4.16**. These images confirm that the sun will be the main source of solar reflection at the receptors. Therefore, the impact reduces to **Low.**

Receptor 72 (Group A Receptor 72)

6.60. The 'Glare Reflections on PV Footprint' chart in **Appendix BA, CA and DA** shows that reflections from a central section of Panel Area 2, an eastern section of Panel Area 4 and a northern section of Panel Area 6 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.61. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second and third images were taken (red and yellow dots respectively). This image shows vegetation and intervening buildings between the Principal Site and the receptors. The second and third images are street view images with westwards views towards Panel Areas 2 and 4 and Panel Area 6 in the

Principal Site respectively. These images confirm that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to None.

Receptors 73 - 75 (Group A Receptors 73 - 75)

6.62. The 'Glare Reflections on PV Footprint' chart in **Appendix BA, CA and DA** shows that reflections from a central section of Panel Area 1, a central section of Panel Area 2, a central section of Panel Area 4 and a northern section of Panel Area 6 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.63. The first image in **Appendix Q** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Principal Site, and the location from which the second and third images were taken (red and yellow dots respectively). This image shows dense vegetation between the Principal Site and the receptors. The second and third images are street view images with westwards views towards Panel Areas 1, 2 and 4 and Panel Area 6 in the Principal Site respectively. These images confirm that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptors 76 and 77 (Group A Receptors 76 and 77)

6.64. The 'Glare Reflections on PV Footprint' chart in **Appendix BA, CA and DA** shows that reflections from a central section of Panel Area 1, a central section of Panel Area 2, a central section of Panel Area 4 and a central section of Panel Area 6 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.65. The first image in **Appendix Q** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows dense vegetation between the Principal Site and the receptors. The second image is a street view image with an eastwards view towards the receptors. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 78 (Group A Receptor 78)

6.66. The 'Glare Reflections on PV Footprint' chart in **Appendix BA and CA** shows that reflections from a central section of Panel Area 2, a northern section of Panel Area 4 and a southern section of Panel Area 5 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.67. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows dense vegetation between the Principal Site and the receptors. The second image is a street view image with a westwards view towards Panel Areas 2 and 3 in the

Principal Site. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptors 79 and 80 (Group A Receptors 79 and 80)

6.68. The 'Glare Reflections on PV Footprint' chart in **Appendix CA** shows that reflections from a western section of Panel Area 4 and a northern section of Panel Area 6 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.69. The first image in **Appendix Q** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows dense vegetation between the Principal Site and the receptors. The second image is a street view image with an eastwards view towards the receptors. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 81 (Group B Receptor 1)

6.70. The 'Glare Reflections on PV Footprint' chart in **Appendix BA, BB and CB** shows that reflections from a small southern section of Panel Area 1, an eastern section of Panel Area 3, a southern section of Panel Area 6 and a northern section of Panel Area 7 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.71. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second and third images were taken (red dot). This image shows dense vegetation between the Principal Site and the receptors. The second and third images are street view images with an eastwards and westwards view towards Panel Area 6 and Panel Areas 1, 3 and 7 in the Principal Site respectively. This image confirms that the vegetation is sufficient to screen all views of Panel Areas 1, 3 and 7 in the Principal Site where glint and glare is possible. Therefore, the impact remains **Low**.

Receptor 82 (Group B Receptor 2)

6.72. The 'Glare Reflections on PV Footprint' chart in **Appendix BB, CB and DB** shows that reflections from a central section of Panel Area 1, a western section of Panel Area 3 and a northern section of Panel Area 7 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.73. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. This image shows vegetation between the Principal Site and the receptor. The second and third images are ground level images taken from the position of the receptor with a westwards view towards the Panel Areas 1, 3 and 7 in the Principal Site showing the position of the sun at 17:45 UTC on March 15th and at 16:45 UTC on May 25th respectively. However, the impacts occur when the Sun is low in the sky and behind the solar

array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar array, as outlined in **paragraph 4.16**. These images confirm that the sun will be the main source of solar reflection at the receptors. Therefore, the impact reduces to **Low.**

Receptor 83 (Group B Receptor 3)

6.74. The 'Glare Reflections on PV Footprint' chart in **Appendix BB, CB and DB** shows that reflections from a wester section of Panel Area 3 and a northern section of Panel Area 7 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.75. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second and third images were taken (red and yellow dots respectively). This image shows dense vegetation between the Principal Site and the receptors. The second image is a street view image of the vegetation to the south of Panel Area 3 in the Principal Site. The third image is a photo from Google Earth with a westwards view towards the receptor. These images confirm that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptors 93 and 94 (Group B Receptor 13 and 14)

6.76. The 'Glare Reflections on PV Footprint' chart in **Appendix BB and CB** shows that reflections from a central section of Panel Area 7 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.77. The first image in **Appendix Q** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows vegetation and intervening buildings between the Principal Site and the receptors. The second image is a street view image with an eastwards view towards Panel Area 7 in the Principal Site. This image confirms that the vegetation and intervening buildings are sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 95 (Group B Receptor 15)

6.78. The 'Glare Reflections on PV Footprint' chart in **Appendix BB and CB** shows that reflections from a western section of Panel Areal 3 and a central section of Panel Area 7 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.79. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second and third images were taken (red and yellow dots respectively). This image shows dense vegetation between the Principal Site and the receptors. The second image is a street view image with a view towards Panel Area 3 in the Principal Site and the third image is a street view image with an eastwards

view towards Panel Area 7 in the Principal Site. These images confirm that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 96 (Group B Receptor 16)

6.80. The 'Glare Reflections on PV Footprint' chart in **Appendix CB** shows that reflections from a western section of Panel Area 3 and a central section of Panel Area 7 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.81. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second and third images were taken (red and yellow dots respectively). This image shows vegetation between the Principal Site and the receptors. The second image is a street view image with a view towards the receptor and the third image is a street view image with an eastwards view towards Panel Area 7 in the Principal Site. These images confirm that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptors 97 and 98 (Group B Receptors 17 and 18)

6.82. The 'Glare Reflections on PV Footprint' chart in **Appendix BB, CB and DB** shows that reflections from a western section of Panel Area 3 and a central section of Panel Area 7 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.83. The first image in **Appendix Q** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Principal Site, and the location from which the second and third images were taken (red and yellow dots respectively). This image shows vegetation between the Principal Site and the receptors. The second image is a street view image with a view towards the receptors. This image confirms that the vegetation is sufficient to screen all views of Panel Area 3 in the Principal Site where glint and glare is possible. The third image is a street view image with an eastwards view towards Panel Area 7 in the Principal Site. This image confirms that the vegetation is insufficient to screen all views of Panel Area 7 in the Principal Site where glint and glare is possible. Therefore, the impact at Receptor 97 remains **Medium** and the impact at Receptor 98 remains **Low**.

Receptor 99 (Group B Receptor 19)

6.84. The 'Glare Reflections on PV Footprint' chart in **Appendix BB, CB and DB** shows that reflections from a central section of Panel Area 7 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.85. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows vegetation and intervening buildings between the Principal Site and

the receptor. The second image is a street view image with an eastwards view towards Panel Area 7 in the Principal Site. This image confirms that the intervening buildings are sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 100 (Group B Receptor 20)

6.86. The 'Glare Reflections on PV Footprint' chart in **Appendix BB, CB and DB** shows that reflections from a central section of Panel Area 6 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.87. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. This image shows vegetation between the Principal Site and the receptor. The second image is a ground level image taken from the position of the receptor with an eastwards view towards Panel Area 7 in the Principal Site. This image confirms that the topography is insufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact remains **Low**.

Receptors 101 and 102 (Group B Receptors 21 and 22)

6.88. The 'Glare Reflections on PV Footprint' chart in **Appendix BB, CB and DB** shows that reflections from a central section of Panel Area 7 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.89. The first image in **Appendix Q** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Principal Site. This image shows vegetation between the Principal Site and the receptors. The second image is a ground level image taken from the position of Receptor 101 with an eastwards view towards Panel Area 7 in the Principal Site. This image confirms that the topography is insufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptors 103 and 104 (Group B Receptors 23 and 24)

6.90. The 'Glare Reflections on PV Footprint' chart in **Appendix BB, CB and DB** shows that reflections from a central section of Panel Area 7 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.91. The first image in **Appendix Q** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows vegetation and intervening buildings between the Principal Site and the receptors. The second image is a Google Earth photo with an eastwards view towards Panel Area 7 in the Principal Site. This image confirms that the vegetation and intervening buildings are sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 106 (Group B Receptor 26)

6.92. The 'Glare Reflections on PV Footprint' chart in **Appendix CB** shows that reflections from a central section of Panel Area 7 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.93. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. This image shows vegetation and intervening buildings between the Principal Site and the receptors. The second image is a ground level image taken from the position of the receptor with an eastwards view towards Panel Area 7 in the Principal Site. This image confirms that the topography is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 107 (Group B Receptor 27)

6.94. The 'Glare Reflections on PV Footprint' chart in **Appendix CB** shows that reflections from a southern section of Panel Area 7 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.95. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. This image shows vegetation between the Principal Site and the receptors. The second image is a ground level image taken from the position of the receptor with an eastwards view towards Panel Area 7 in the Principal Site. This image confirms that the topography is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 108 (Group B Receptor 28)

6.96. The 'Glare Reflections on PV Footprint' chart in **Appendix BB, CB and DB** shows that reflections from a southern section of Panel Area 7 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.97. The first image in **Appendix Q** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Principal Site. This image shows vegetation between the Principal Site and the receptors. The second image is a ground level image taken from the position of the receptor with an eastwards view towards Panel Area 7 in the Principal Site. This image confirms that the topography is insufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact remains **Low**.

Receptors 110 - 114 (Group B Receptors 30 - 34)

6.98. The 'Glare Reflections on PV Footprint' chart in **Appendix BB, CB and DB** shows that reflections from a southern section of Panel Area 7 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.99. The first image in **Appendix Q** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows vegetation and intervening buildings between the Principal Site and the receptors. The second image is a street view image with an eastwards view towards Panel Area 7 in the Principal Site. This image confirms that the vegetation and intervening buildings are sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptors 117 - 119 (Group B Receptors 37 - 39)

6.100. The 'Glare Reflections on PV Footprint' chart in **Appendix CB** shows that reflections from a central section of Panel Area 3 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.101. The first image in **Appendix Q** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows vegetation between the Principal Site and the receptors. The second image is a street view image with an eastwards view towards the receptors. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 121 (Group B Receptor 41)

6.102. The 'Glare Reflections on PV Footprint' chart in **Appendix DB** shows that reflections from a northern section of Panel Area 10 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.103. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows vegetation between the Principal Site and the receptors. The second image is a street view image with an eastwards view towards the receptor. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 122 (Group B Receptor 42)

6.104. The 'Glare Reflections on PV Footprint' chart in **Appendix BB, CB and DB** shows that reflections from the western half of Panel Area 10 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.105. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows vegetation between the Principal Site and the receptors. The second image is a street view image with a westwards view towards Panel Area 10 in the

Principal Site. This image confirms that the vegetation is insufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptors 123 - 125 (Group B Receptors 43 - 45)

6.106. The 'Glare Reflections on PV Footprint' chart in **Appendix DB** shows that reflections from a central section of Panel Area 10 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.107. The first image in **Appendix Q** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows vegetation between the Principal Site and the receptors. The second image is a street view image with an eastwards view towards the receptors. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 135 (Group B Receptor 55)

6.108. The 'Glare Reflections on PV Footprint' chart in **Appendix BB** shows that reflections a southern section of Panel Area 7 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.109. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows vegetation between the Principal Site and the receptors. The second image is a street view image with a westwards view towards the receptor. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptors 136 - 138 (Group B Receptors 56 - 58)

6.110. The 'Glare Reflections on PV Footprint' chart in **Appendix BB and CB** shows that reflections from a southern section of Panel Area 7, a central section of Panel Area 10 and a northern section of Panel Area 11 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.111. The first image in **Appendix Q** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Principal Site, and the location from which the second and third images were taken (red and blue dots respectively). This image shows dense vegetation between the Principal Site and the receptors. The second image is a street view image with a westwards view towards Panel Area 7 in the Principal Site. This image confirms that the vegetation is insufficient to screen all views of Panel Area 7 in the Principal Site where glint and glare is possible. The third image is a street view image with a westwards view towards the receptors. This image confirms that the vegetation is sufficient to screen all views of Panel Areas 10 and 11 in the

Principal Site where glint and glare is possible. Therefore, the impact upon Receptor 136 reduces to **Low** and the impact upon Receptors 137 and 138 reduces to **None**.

Receptors 139 - 142 (Group B Receptors 59 - 62)

6.112. The 'Glare Reflections on PV Footprint' chart in **Appendix BB and CB** shows that reflections from a central section of Panel Area 9, a southern section of Panel Area 10 and a northern section of Panel Area 11 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.113. The first image in **Appendix Q** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Principal Site, and the location from which the second and third images were taken (red and blue dots respectively). This image shows dense vegetation between the Principal Site and the receptors. The second image is a street view image with a westwards view towards Panel Area 9 in the Principal Site and the third image is a street view image with a westwards view towards the receptors. These images confirm that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptors 143 and 144 (Group B Receptors 63 and 64)

6.114. The 'Glare Reflections on PV Footprint' chart in **Appendix CB** shows that reflections from a central section of Panel Area 11 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.115. The first image in **Appendix Q** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows dense vegetation between the Principal Site and the receptors. The second image is a street view image with an eastwards view towards Panel Area 11 in the Principal Site. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 145 (Group B Receptor 65)

6.116. The 'Glare Reflections on PV Footprint' chart in **Appendix CB** shows that reflections from a southern section of Panel Area 11 and a northern section of Panel Arae 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.117. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second and third images were taken (red and yellow dots respectively). This image shows dense vegetation between the Principal Site and the receptor. The second image is a street view image with an eastwards view towards Panel Area 11 in the Principal Site. The third image is a street view image with an eastwards view towards the receptor These images confirm that the vegetation is sufficient to screen all views of Panel Area 11 in the Principal Site and insufficient to screen all views of Panel

Arae 14 in the Principal Site where glint and glare is possible. Therefore, the impact remains **Low**.

Receptors 146 and 147 (Group B Receptors 63 and 64)

6.118. The 'Glare Reflections on PV Footprint' chart in **Appendix BB, CB and DB** shows that reflections from a central section of Panel Area 11 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.119. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows dense vegetation and intervening buildings between the Principal Site and the receptors. The second image is a street view image with an eastwards view towards Panel Area 11 in the Principal Site. This image confirms that the vegetation and intervening buildings are sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 148 (Group B Receptor 68)

6.120. The 'Glare Reflections on PV Footprint' chart in **Appendix BB, CB and DB** shows that reflections from a central section of Panel Area 11 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.121. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. This image shows dense vegetation between the Principal Site and the receptor. The second image is a ground level image taken from the position of the receptor with an eastwards view towards Panel Area 11 in the Principal Site. This image confirms that the topography is insufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptors 149 and 150 (Group B Receptors 69 and 70)

6.122. The 'Glare Reflections on PV Footprint' chart in **Appendix BB and CB** shows that reflections from a northern section of Panel Area 11 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.123. The first image in **Appendix Q** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Principal Site. This image shows dense vegetation between the Principal Site and the receptor. The second image is a ground level image taken from the position of Receptor 149 with an eastwards view towards Panel Area 11 in the Principal Site. This image confirms that the topography is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 151 (Group B Receptor 71)

6.124. The 'Glare Reflections on PV Footprint' chart in **Appendix BB, CB and DB** shows that reflections from a central section of Panel Area 11 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.125. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. This image shows dense vegetation between the Principal Site and the receptor. The second, third and fourth images are ground level images taken from the position of the receptor with a westwards view towards the Panel Area 11 in the Principal Site showing the position of the sun at 17:45 UTC on March 20th, at 19:00 UTC on May 1st and at 19:15 UTC on July 1st respectively. However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar array, as outlined in **paragraph 4.16**. These images confirm that the sun will be the main source of solar reflection at the receptor. Therefore, the impact remains **Low.**

Receptors 152 - 154 (Group B Receptors 72 - 74)

6.126. The 'Glare Reflections on PV Footprint' chart in **Appendix BB and CB** shows that reflections from a southern section of Panel Area 11 and a northern section of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.127. The first image in **Appendix Q** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Principal Site, and the location from which the second and third images were taken (red and blue dots respectively). This image shows dense vegetation between the Principal Site and the receptors. The second image is a street view image with an eastwards view towards Panel Area 11 in the Principal Site and the third image is a street view image with a view towards the receptors. These images confirm that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 155 (Group B Receptor 75)

6.128. The 'Glare Reflections on PV Footprint' chart in **Appendix BB and CB** shows that reflections from a southern section of Panel Area 11 and a northern section of Panel Arae 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.129. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second and third images were taken (red dot). This image shows dense vegetation between the Principal Site and the receptor. The second image is a street view image with an eastwards view towards Panel Area 11 in the Principal Site and the third image is a street view image with a westwards view towards Panel Area 14 in the Principal Site. These images confirm that the vegetation is insufficient to screen all views of Panel Area 11 in the Principal Site and is sufficient to screen all views of Panel

Area 14 in the Principal Site where glint and glare is possible. Therefore, the impact remains **Medium**.

Receptor 156 (Group B Receptor 76)

6.130. The 'Glare Reflections on PV Footprint' chart in **Appendix BB and CB** shows that reflections from a southern section of Panel Area 11 and a northern section of Panel Area 12 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.131. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second and third images were taken (red dot). This image shows dense vegetation between the Principal Site and the receptor. The second image is a street view image with a westwards view towards Panel Area 11 in the Principal Site. The third image is a street view image with a view towards Panel Area 12 in the Principal Site. These images confirm that the vegetation is insufficient to screen all views of Panel Area 12 in the Principal Site where glint and glare is possible. Therefore, the impact remains **Low**.

Receptor 157 (Group B Receptor 77)

6.132. The 'Glare Reflections on PV Footprint' chart in **Appendix BB, CB and DB** shows that reflections from a southern section of Panel Area 11, a northern section of Panel Area 13 and a northern section of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.133. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows dense vegetation between the Principal Site and the receptor. The second image is a street view image with a westwards view towards the receptor in the Principal Site. This image confirms that the vegetation is sufficient to screen all views of Panel Area 11 in the Principal Site where glint and glare is possible. The third and fourth images are ground level images taken from the position of the receptor with a westwards view towards Panel Area 13 and an eastwards view towards Panel Area 14 in the Principal Site respectively. These images confirm that the topography is insufficient to screen all views of Panel Area 13 and 14 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 158 (Group B Receptor 78)

6.134. The 'Glare Reflections on PV Footprint' chart in **Appendix CB** shows that reflections from a southern section of Panel Area 11 and a central section of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.135. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second and third images

were taken (red dot). This image shows dense vegetation between the Principal Site and the receptor. The second image is a street view image with an eastwards view towards Panel Area 11 in the Principal Site and the third image is a street view image with a westwards view towards Panel Area 14 in the Principal Site. These images confirm that the vegetation is sufficient to screen all views of Panel Area 11 in the Principal Site and the intervening buildings are sufficient to screen all ground floor view of Panel Area 14 in the Principal Site where glint and glare is possible. Therefore, the impact reduces to **Low**.

Receptor 159 and 160 (Group B Receptor 79 and 80)

6.136. The 'Glare Reflections on PV Footprint' chart in **Appendix CB** shows that reflections from a southern section of Panel Area 11, a northern section of Panel Area 13 and a central section of Panel Area 15 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.137. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second and third images were taken (red and yellow dots respectively). This image shows dense vegetation between the Principal Site and the receptor. The second image is a street view image with a westwards view towards the receptors and the third image is a street view image with a westwards view towards Panel Area 13 and 15 in the Principal Site. These images confirm that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 161 (Group C Receptor 1)

6.138. The 'Glare Reflections on PV Footprint' chart in **Appendix CC** shows that reflections from a central section of Panel Area 12 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.139. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows vegetation and intervening buildings between the Principal Site and the receptor. The second image is a street view image with a view towards the receptor. This image confirms that the intervening buildings are sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptors 162 and 163 (Group C Receptors 2 and 3)

6.140. The 'Glare Reflections on PV Footprint' chart in **Appendix BC, CC and DC** shows that reflections from a central section of Panel Area 13 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.141. The first image in **Appendix Q** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Principal Site, and the location from which the second image was taken

(red dot). This image shows vegetation between the Principal Site and the receptors. The second image is a street view image with a view towards the receptors. This image confirms that the vegetation is insufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 164 (Group C Receptor 4)

6.142. The 'Glare Reflections on PV Footprint' chart in **Appendix BC, CC and DC** shows that reflections from a central section of Panel Area 13, a southern section of Panel Area 14 and a central section of Panel Area 15 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.143. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). The second image is a street view image with a view towards the receptors. This image confirms that the vegetation is insufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptors 169, 171 - 173 and 178 - 192 (Group C Receptors 9, 11 – 13 and 18 - 32)

6.144. The 'Glare Reflections on PV Footprint' chart in **Appendix BC and CC** shows that reflections from a southeast section of Panel Area 11, all, except a southern and northern section, of Panel Area 13, a southern section of Panel Area 14 and all, except a southern section, of Panel Area 15 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.145. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second, third and fourth images were taken (red, yellow and blue dots dot respectively). This image shows dense vegetation between the Principal Site and the receptor. The second image is a street view image with a southwest view towards the receptors. This image confirms that the vegetation is sufficient to screen all views of Panel Area 11 in the Principal Site where glint and glare is possible. The third and fourth images are street view images with eastwards views towards the receptors. These images confirm that the vegetation is insufficient to screen views of Panel Areas 13, 14 and 15 in the Principal Site from Receptors 183 – 185 and 187 – 190. The fifth, sixth and seventh images are ground level images taken from the position of Receptor 187 with a westwards view towards Panel Areas 13, 14 and 15 in the Principal Site showing the position of the sun at 17:45 UTC on March 25th, at 17:00 UTC on May 1st and at 19:00 UTC on June 1st respectively. However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar array, as outlined in **paragraph 4.16**. These images confirm that the sun will be the main source of solar reflection at Receptors 183 – 185 and 187 - 190. Therefore, the impact upon Receptors 183 – 185 and 187 - 190 remains **Low** and the impact upon Receptors 169, 171 – 173, 178 - 186, 191 and 192 reduces to **None**.

Receptor 193 (Group C Receptor 33)

6.146. The 'Glare Reflections on PV Footprint' chart in **Appendix and CC** shows that reflections from a southern section of Panel Area 13 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.147. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows dense vegetation and intervening buildings between the Principal Site and the receptor. The second image is a street view image with a view towards Panel Area 11 in the Principal Site. This image confirms that the vegetation and intervening buildings are sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptors 194, 195 and 203 (Group C Receptors 34, 35 and 43)

6.148. The 'Glare Reflections on PV Footprint' chart in **Appendix BC and CC** shows that reflections from a southern section of Panel Area 13 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.149. The first image in **Appendix Q** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows dense vegetation and intervening buildings between the Principal Site and the receptor. The second image is a street view image with a view towards Panel Area 13 in the Principal Site. This image confirms that the vegetation and intervening buildings are sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptors 196 and 197 (Group C Receptors 36 and 37)

6.150. The 'Glare Reflections on PV Footprint' chart in **Appendix BC and CC** shows that reflections from a southern section of Panel Area 13 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.151. The first image in **Appendix Q** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows dense vegetation between the Principal Site and the receptor. The second image is a street view image with a view towards Panel Area 13 in the Principal Site. This image confirms that the vegetation is insufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact upon Receptor 196 reduces to **Low** and the impact upon Receptor 197 remains **Low**.

Receptor 198 (Group C Receptor 38)

6.152. The 'Glare Reflections on PV Footprint' chart in **Appendix BC** shows that reflections from a southern section of Panel Area 13 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.153. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. This image shows vegetation between the Principal Site and the receptor. The second and third images are ground level images taken from the position of the receptor with an eastwards view towards Panel Area 13 in the Principal Site showing the position of the sun at 05:30 UTC on May 1st and at 05:00 UTC on July 1st respectively. However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar array, as outlined in **paragraph 4.16**. These images confirm that the sun will be the main source of solar reflection at the receptor. Therefore, the impact remains **Low.**

Receptor 199 (Group C Receptor 39)

6.154. The 'Glare Reflections on PV Footprint' chart in **Appendix BC** shows that reflections from a southern section of Panel Area 13 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.155. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. This image shows vegetation between the Principal Site and the receptor. The second and third images are ground level images taken from the position of the receptor with an eastwards view towards Panel Area 13 in the Principal Site showing the position of the sun at 05:00 UTC on May 15th and at 05:00 UTC on July 1st respectively. However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar array, as outlined in **paragraph 4.16**. These images confirm that the sun will be the main source of solar reflection at the receptor. Therefore, the impact remains **Low.**

Receptor 202 (Group C Receptor 42)

6.156. The 'Glare Reflections on PV Footprint' chart in **Appendix BC and CC** shows that reflections from a southern section of Panel Area 13 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptors.

6.157. The first image in **Appendix Q** is an aerial view which shows the location of the receptors (yellow pins) in relation to the Principal Site, and the location from which the second image was taken (red dot). This image shows vegetation and intervening buildings between the Principal Site and the receptor. The second image is a street view image with a view towards Panel Area 13 in the Principal Site. This image confirms that the vegetation and intervening buildings are sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Residential Area 1

6.158. This encompasses a number of residential receptors including those at Receptors 4 and 5 (assessed previously) (See **Figure 1: Appendix A**). Each receptor assessed represents multiple receptors as they are in close proximity of each other, so the worst-case scenario is assumed for the impact of glint and glare. All receptors were considered within the visibility assessment, and it was concluded their impacts were similar. As per the assessments of these two receptors, the impacts on the other receptors within this area are assessed as being **None (worst case scenario)**.

Residential Area 2

6.159. This encompasses a number of residential receptors including those at Receptors 13 - 19 (assessed previously) (See **Figure 1: Appendix A**). Each receptor assessed represents multiple receptors as they are in close proximity of each other, so the worst-case scenario is assumed for the impact of glint and glare. All receptors were considered within the visibility assessment, and it was concluded their impacts were similar. As per the assessments these seven receptors, the impacts on the other receptors within this area are assessed as being **Low (worst case scenario)**.

Residential Area 3

6.160. This encompasses a number of residential receptors including those at Receptors 23 and 24 (assessed previously) (See **Figure 1: Appendix A**). Each receptor assessed represents multiple receptors as they are in close proximity of each other, so the worst-case scenario is assumed for the impact of glint and glare. All receptors were considered within the visibility assessment, and it was concluded their impacts were similar. As per the assessments of these two receptors, the impacts on the other receptors within this area are assessed as being **Low (worst case scenario)**.

Residential Area 4

6.161. This encompasses a number of residential receptors including those at Receptors 38 - 41 (assessed previously) (See **Figure 1: Appendix A**). Each receptor assessed represents multiple receptors as they are in close proximity of each other, so the worst-case scenario is assumed for the impact of glint and glare. All receptors were considered within the visibility assessment, and it was concluded their impacts were similar. As per the assessments of these four receptors, the impacts on the other receptors within this area are assessed as being **Low (worst case scenario)**.

Residential Area 5

6.162. This encompasses a number of residential receptors including those at Receptors 43 - 45 (assessed previously) (See **Figure 1: Appendix A**). Each receptor assessed represents multiple

receptors as they are in close proximity of each other, so the worst-case scenario is assumed for the impact of glint and glare. All receptors were considered within the visibility assessment, and it was concluded their impacts were similar. As per the assessments of these three receptors, the impacts on the other receptors within this area are assessed as being **None (worst case scenario)**.

Residential Area 6

6.163. This encompasses a number of residential receptors including those at Receptors 50 and 51 (assessed previously) (See **Figure 1: Appendix A**). Each receptor assessed represents multiple receptors as they are in close proximity of each other, so the worst-case scenario is assumed for the impact of glint and glare. All receptors were considered within the visibility assessment, and it was concluded their impacts were similar. As per the assessments of these two receptors, the impacts on the other receptors within this area are assessed as being **None (worst case scenario)**.

Residential Area 7

6.164. This encompasses a number of residential receptors including those at Receptors 52 - 67 (assessed previously) (See **Figure 1: Appendix A**). Each receptor assessed represents multiple receptors as they are in close proximity of each other, so the worst-case scenario is assumed for the impact of glint and glare. All receptors were considered within the visibility assessment, and it was concluded their impacts were similar. As per the assessments of these 16 receptors, the impacts on the other receptors within this area are assessed as being **Low (worst case scenario)**.

Residential Area 8

6.165. This encompasses a number of residential receptors including those at Receptors 68 - 70 (assessed previously) (See **Figure 1: Appendix A**). Each receptor assessed represents multiple receptors as they are in close proximity of each other, so the worst-case scenario is assumed for the impact of glint and glare. All receptors were considered within the visibility assessment, and it was concluded their impacts were similar. As per the assessments of these three receptors, the impacts on the other receptors within this area are assessed as being **None (worst case scenario)**.

Residential Area 9

6.166. This encompasses a number of residential receptors including those at Receptors 73 and 74 (assessed previously) (See **Figure 1: Appendix A**). Each receptor assessed represents multiple receptors as they are in close proximity of each other, so the worst-case scenario is assumed for the impact of glint and glare. All receptors were considered within the visibility assessment, and it was concluded their impacts were similar. As per the assessments of these two receptors,

the impacts on the other receptors within this area are assessed as being **None (worst case scenario)**.

Residential Area 10

6.167. This encompasses a number of residential receptors including those at Receptors 87 - 116 (assessed previously) (See **Figure 1: Appendix A**). Each receptor assessed represents multiple receptors as they are in close proximity of each other, so the worst-case scenario is assumed for the impact of glint and glare. All receptors were considered within the visibility assessment, and it was concluded their impacts were similar. As per the assessments of these 30 receptors, the impacts on the other receptors within this area are assessed as being **High (worst case scenario)**.

Residential Area 11

6.168. This encompasses a number of residential receptors including those at Receptors 117 - 120 (assessed previously) (See **Figure 1: Appendix A**). Each receptor assessed represents multiple receptors as they are in close proximity of each other, so the worst-case scenario is assumed for the impact of glint and glare. All receptors were considered within the visibility assessment, and it was concluded their impacts were similar. As per the assessments of these four receptors, the impacts on the other receptors within this area are assessed as being **None (worst case scenario)**.

Residential Area 12

6.169. This encompasses a number of residential receptors including those at Receptors 123 and 124 (assessed previously) (See **Figure 1: Appendix A**). Each receptor assessed represents multiple receptors as they are in close proximity of each other, so the worst-case scenario is assumed for the impact of glint and glare. All receptors were considered within the visibility assessment, and it was concluded their impacts were similar. As per the assessments of these two receptors, the impacts on the other receptors within this area are assessed as being **None (worst case scenario)**.

Residential Area 13

6.170. This encompasses a number of residential receptors including those at Receptors 126 - 131(assessed previously) (See **Figure 1: Appendix A**). Each receptor assessed represents multiple receptors as they are in close proximity of each other, so the worst-case scenario is assumed for the impact of glint and glare. All receptors were considered within the visibility assessment, and it was concluded their impacts were similar. As per the assessments of these six receptors, the impacts on the other receptors within this area are assessed as being **None (worst case scenario)**.

Residential Area 14

6.171. This encompasses a number of residential receptors including those at Receptors 134 and 135 (assessed previously) (See **Figure 1: Appendix A**). Each receptor assessed represents multiple receptors as they are in close proximity of each other, so the worst-case scenario is assumed for the impact of glint and glare. All receptors were considered within the visibility assessment, and it was concluded their impacts were similar. As per the assessments of these two receptors, the impacts on the other receptors within this area are assessed as being **None (worst case scenario)**.

Residential Area 15

6.172. This encompasses a number of residential receptors including those at Receptors 136 - 138 (assessed previously) (See **Figure 1: Appendix A**). Each receptor assessed represents multiple receptors as they are in close proximity of each other, so the worst-case scenario is assumed for the impact of glint and glare. All receptors were considered within the visibility assessment, and it was concluded their impacts were similar. As per the assessments of these three receptors, the impacts on the other receptors within this area are assessed as being **None (worst case scenario)**.

Residential Area 16

6.173. This encompasses a number of residential receptors including those at Receptors 139 - 142 (assessed previously) (See **Figure 1: Appendix A**). Each receptor assessed represents multiple receptors as they are in close proximity of each other, so the worst-case scenario is assumed for the impact of glint and glare. All receptors were considered within the visibility assessment, and it was concluded their impacts were similar. As per the assessments of these four receptors, the impacts on the other receptors within this area are assessed as being **None (worst case scenario)**.

Residential Area 17

6.174. This encompasses a number of residential receptors including those at Receptors 143 and 144 (assessed previously) (See **Figure 1: Appendix A**). Each receptor assessed represents multiple receptors as they are in close proximity of each other, so the worst-case scenario is assumed for the impact of glint and glare. All receptors were considered within the visibility assessment, and it was concluded their impacts were similar. As per the assessments of these two receptors, the impacts on the other receptors within this area are assessed as being **None (worst case scenario)**.

Residential Area 18

6.175. This encompasses a number of residential receptors including those at Receptors 152 - 154 (assessed previously) (See **Figure 1: Appendix A**). Each receptor assessed represents multiple receptors as they are in close proximity of each other, so the worst-case scenario is assumed for the impact of glint and glare. All receptors were considered within the visibility assessment,

and it was concluded their impacts were similar. As per the assessments of these three receptors, the impacts on the other receptors within this area are assessed as being **None (worst case scenario)**.

Residential Area 19

6.176. This encompasses a number of residential receptors including those at Receptors 169 - 192 (assessed previously) (See **Figure 1: Appendix A**). Each receptor assessed represents multiple receptors as they are in close proximity of each other, so the worst-case scenario is assumed for the impact of glint and glare. All receptors were considered within the visibility assessment, and it was concluded their impacts were similar. As per the assessments of these 24 receptors, the impacts on the other receptors within this area are assessed as being **Low (worst case scenario)**.

Residential Area 20

6.177. This encompasses a number of residential receptors including those at Receptors 194 and 195 (assessed previously) (See **Figure 1: Appendix A**). Each receptor assessed represents multiple receptors as they are in close proximity of each other, so the worst-case scenario is assumed for the impact of glint and glare. All receptors were considered within the visibility assessment, and it was concluded their impacts were similar. As per the assessments of these two receptors, the impacts on the other receptors within this area are assessed as being **None (worst case scenario)**.

Residential Area 21

6.178. This encompasses a number of residential receptors including those at Receptors 196 - 203 (assessed previously) (See **Figure 1: Appendix A**). Each receptor assessed represents multiple receptors as they are in close proximity of each other, so the worst-case scenario is assumed for the impact of glint and glare. All receptors were considered within the visibility assessment, and it was concluded their impacts were similar. As per the assessments of these eight receptors, the impacts on the other receptors within this area are assessed as being **Low (worst case scenario)**.

Road Receptors

6.179. **Table 6 - 2** shows a summary of the modelling results for each of the Road Receptor Points whilst the detailed results and ocular impact charts can be viewed in **Appendix EA - GC**.

6.180. **Appendix EA, EB and EC** shows the analysis for Receptors 1 – 80, 81 - 157 and 158 – 200 respectively with a tilt angle of 5 degrees, **Appendix FA, FB and FC** shows the analysis for Receptors 1 – 79, 80 - 151 and 152 – 215 respectively with a tilt angle of 45 degrees and **Appendix GA, GB and GC** shows the analysis for Receptors 1 – 80, 81 - 153 and 154 – 217 respectively with tracker panels.

6.181. The 26 receptors (218 - 243) within the no-reflection zones outlined previously have been excluded from the detailed modelling as they will never receive glint and glare impacts from the Proposed Development.

Table 6 - 2: Potential for Glint and Glare Impact on Road Based Receptors

Receptor	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Magnitude of Impact	Worst Case Tilt Angle (degrees)
1	5434	0	0	Low	45
2	5384	0	0	Low	45
3	5859	0	0	Low	45
4	6220	0	0	Low	45
5	6449	0	0	Low	45
6	6725	0	0	Low	45
7	8812	4996	0	High	45
8	8377	5551	0	High	45
9	8017	4383	0	High	45
10	6939	2802	0	High	45
11	9898	3300	0	High	45
12	10187	8864	0	High	45
13	10190	7576	0	High	45
14	7763	4437	0	High	45
15	9766	7212	0	High	45
16	7705	6198	0	High	45
17	6231	3436	0	High	45
18	3333	2609	0	High	5
19	6120	2290	0	High	45
20	7046	5788	0	High	45
21	6238	4633	0	High	45
22	5591	2375	0	High	45

Receptor	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Magnitude of Impact	Worst Case Tilt Angle (degrees)
23	4181	357	0	High	45
24	1877	15	0	High	45
25	926	0	0	Low	45
26	1309	0	0	Low	Tracker
27	1534	0	0	Low	Tracker
28	1612	35	0	High	Tracker
29	734	0	0	Low	Tracker
30	13761	455	0	High	45
31	10753	441	0	High	5
32	8675	1436	0	High	5
33	7643	1112	0	High	5
34	11196	88	0	High	45
35	10923	36	0	High	45
36	5772	136	0	High	5
37	6077	0	0	Low	45
38	13682	386	0	High	45
39	9466	1088	0	High	5
40	8155	1582	0	High	5
41	6350	3130	0	High	5
42	6511	2494	0	High	5
43	9142	1309	0	High	45
44	8969	876	0	High	45
45	6001	729	0	High	45
46	3542	678	0	High	45
47	3178	680	0	High	45
48	2227	496	0	High	45

Receptor	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Magnitude of Impact	Worst Case Tilt Angle (degrees)
49	1653	216	0	High	45
50	987	0	0	Low	45
51	818	0	0	Low	Tracker
52	815	0	0	Low	Tracker
53	860	0	0	Low	Tracker
54	240	0	0	Low	Tracker
55	139	0	0	Low	Tracker
56	128	0	0	Low	Tracker
57	206	0	0	Low	Tracker
58	9085	1249	0	High	45
59	8963	997	0	High	45
60	4763	0	0	Low	Tracker
61	4332	32	0	High	Tracker
62	2700	185	0	High	Tracker
63	1921	173	0	High	Tracker
64	5900	0	0	Low	Tracker
65	7104	588	0	High	Tracker
66	6903	1394	0	High	Tracker
67	6267	855	0	High	Tracker
68	4680	786	0	High	Tracker
69	3498	363	0	High	Tracker
70	2583	86	0	High	Tracker
71	1567	9	0	High	Tracker
72	846	0	0	Low	45
73	8032	824	0	High	Tracker
74	5191	71	0	High	Tracker

Receptor	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Magnitude of Impact	Worst Case Tilt Angle (degrees)
75	5944	286	0	High	Tracker
76	5527	1672	0	High	45
77	7118	1299	0	High	Tracker
78	6727	1843	0	High	Tracker
79	7027	2692	0	High	45
80	9658	8433	0	High	45
81	7053	4017	0	High	5
82	8641	5351	0	High	45
83	9443	6899	0	High	45
84	11794	3975	0	High	45
85	12640	3308	0	High	45
86	13476	8193	0	High	45
87	12088	870	0	High	45
88	9827	299	0	High	45
89	6818	109	0	High	5
90	5108	49	0	High	5
91	6286	286	0	High	45
92	5324	356	0	High	45
93	6798	3969	0	High	45
94	4506	3387	0	High	5
95	5302	2198	0	High	5
96	6139	1144	0	High	5
97	7245	646	0	High	45
98	3033	267	0	High	45
99	6246	2027	0	High	45
100	9488	2600	0	High	45

Receptor	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Magnitude of Impact	Worst Case Tilt Angle (degrees)
101	5390	4184	0	High	45
102	6296	1734	0	High	45
103	7946	565	0	High	45
104	4667	262	0	High	5
105	5380	0	0	Low	45
106	2909	0	0	Low	45
107	3929	0	0	Low	45
108	3761	0	0	Low	45
109	6778	0	0	Low	45
110	6052	0	0	Low	45
111	4404	0	0	Low	45
112	5678	4836	0	High	5
113	11534	5234	0	High	45
114	14151	468	0	High	45
115	12702	230	0	High	45
116	12673	18	0	High	45
117	12338	0	0	Low	45
118	10218	0	0	Low	45
119	2541	8	0	High	Tracker
120	9654	50	0	High	45
121	10899	25	0	High	45
122	14434	11	0	High	45
123	14800	118	0	High	45
124	13795	168	0	High	45
125	12658	0	0	Low	45
126	10559	66	0	High	45

Receptor	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Magnitude of Impact	Worst Case Tilt Angle (degrees)
127	4103	2013	0	High	Tracker
128	3874	4562	0	High	Tracker
129	965	225	0	High	Tracker
130	4517	3206	0	High	45
131	5031	1351	0	High	45
132	5840	767	0	High	45
133	2640	332	0	High	45
134	2353	68	0	High	45
135	3649	51	0	High	45
136	13346	0	0	Low	45
137	12743	0	0	Low	45
138	10719	0	0	Low	45
139	12100	0	0	Low	45
140	10170	0	0	Low	45
141	9371	0	0	Low	45
142	2204	5	0	High	Tracker
143	2534	846	0	High	Tracker
144	11919	7528	0	High	5
145	12711	6214	0	High	45
146	11485	4364	0	High	45
147	7185	7805	0	High	45
148	5469	2186	0	High	45
149	5215	1493	0	High	45
150	5375	538	0	High	45
151	4083	264	0	High	45
152	4101	184	0	High	45

Receptor	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Magnitude of Impact	Worst Case Tilt Angle (degrees)
153	2521	71	0	High	45
154	2996	4	0	High	5
155	4442	0	0	Low	5
156	7083	0	0	Low	5
157	6617	0	0	Low	5
158	520	93	0	High	Tracker
159	673	434	0	High	45
160	4910	707	0	High	5
161	2085	1984	0	High	5
162	2552	776	0	High	5
163	4126	0	0	Low	5
164	3237	0	0	Low	5
165	4143	0	0	Low	5
166	2192	0	0	Low	45
167	2734	0	0	Low	45
168	3463	0	0	Low	45
169	3927	0	0	Low	45
170	3376	0	0	Low	45
171	3798	0	0	Low	45
172	3842	0	0	Low	45
173	4617	0	0	Low	45
174	4650	0	0	Low	45
175	4991	0	0	Low	45
176	5109	1537	0	High	45
177	5737	10438	0	High	45
178	3643	3617	0	High	45

Receptor	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Magnitude of Impact	Worst Case Tilt Angle (degrees)
179	5681	1615	0	High	5
180	4476	2463	0	High	5
181	4249	4586	0	High	5
182	12452	15061	0	High	5
183	16138	16101	0	High	5
184	13606	15565	0	High	5
185	16869	5943	0	High	5
186	3719	3445	0	High	5
187	275	77	0	High	Tracker
188	8115	1511	0	High	5
189	7318	2342	0	High	5
190	6307	2655	0	High	5
191	5516	2604	0	High	5
192	4485	1543	0	High	5
193	614	409	0	High	45
194	619	142	0	High	45
195	586	24	0	High	Tracker
196	0	0	0	None	N/A
197	1258	0	0	Low	5
198	2232	723	0	High	5
199	2734	1644	0	High	5
200	2858	2273	0	High	5
201	3555	2376	0	High	5
202	585	629	0	High	45
203	7441	522	0	High	5
204	624	12	0	High	Tracker

Receptor	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Magnitude of Impact	Worst Case Tilt Angle (degrees)
205	8604	0	0	Low	5
206	7841	0	0	Low	5
207	4554	0	0	Low	5
208	3765	0	0	Low	5
209	5533	0	0	Low	45
210	5204	175	0	High	45
211	6210	734	0	High	45
212	9416	965	0	High	5
213	9772	2731	0	High	5
214	8689	3159	0	High	5
215	8451	3623	0	High	5
216	7246	4112	0	High	5
217	7178	3298	0	High	5

6.182. As can be seen in Table 6 - 2, there are 156 receptor points have potential glare impacts with the "potential for after-image" (Yellow Glare), which is a High impact, and 60 receptors with the "low potential for after-image" (Green Glare), which is a Low impact. Appendix GA - GC show detailed analysis of when the glint and glare impacts are possible, whilst also showing from which parts of the Principal Site the solar glint is reflected from.

6.183. Appendix Q shows Google Earth images taken towards the Principal Site location at each of the receptor points where an impact is anticipated. The first image is a ground level terrain view and is based on the height data of the surrounding land showing no intervening vegetation or buildings. The Principal Site has been drawn as a white polygon and can be seen on the images when the Principal Site is theoretically visible. The area of the Principal Site from where reflections may be possible has been drawn as a yellow or green polygon. The second image is a street view image pointing in the same direction as the terrain image. This gives a good indication as to whether the area of the Principal Site where reflections are theoretically possible will be visible from the receptor point. For some receptors, a field of view (FOV) has been drawn between two red lines, where the glare is situated outside this FOV, and therefore the impact is reduced to None.

6.184. As can be seen in Appendix Q, views of the Principal Site from those receptors with a potential glare impact, except receptors 13 – 17, 20 – 24, 45, 80, 82 – 84, 93, 98 – 103, 113, 143 – 149

and 177 – 185, are blocked by a mixture of intervening vegetation, topography and buildings or are outside the field of view of the driver. Therefore, impacts upon these receptors reduce to **None**.

Rail Receptors

6.185. **Table 6 - 3** shows a summary of the modelling results for each of the Rail Receptor Points whilst the detailed results and ocular impact charts can be viewed in **Appendix H, I and J**.

6.186. **Appendix H** shows the analysis for a tilt angle of 5 degrees, **Appendix I** shows the analysis for a tilt angle of 45 degrees and **Appendix J** shows the analysis for the tracker panels.

6.187. The seven receptors (14 - 20) within the no-reflection zones outlined previously have been excluded from the detailed modelling as it will never receive glint and glare impacts from the Proposed Development.

Table 6 - 3: Potential for Glint and Glare Impact on Rail Based Receptors

Receptor	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Magnitude of Impact	Worst Case Tilt Angle (degrees)
1	4568	228	0	**High**	45
2	3269	323	0	**High**	45
3	1806	382	0	**High**	45
4	1389	199	0	**High**	45
5	886	40	0	**High**	45
6	692	0	0	**Low**	45
7	799	0	0	**Low**	Tracker
8	714	0	0	**Low**	Tracker
9	217	0	0	**Low**	Tracker
10	155	0	0	**Low**	Tracker
11	152	0	0	**Low**	Tracker
12	525	0	0	**Low**	Tracker
13	593	0	0	**Low**	Tracker

6.188. As can be seen in **Table 6 - 3**, there are five receptor points have potential glare impacts with the “potential for after-image” (Yellow Glare), which is a **High** impact, and eight receptors with the “low potential for after-image” (Green Glare), which is a **Low** impact. **Appendix H, I and J**

show detailed analysis of when the glint and glare impacts are possible, whilst also showing from which parts of the Principal Site the solar glint is reflected from.

6.189. Appendix Q shows Google Earth images that give an insight into how each receptor will be impacted by the glint and glare from the Principal Site. There is a mixture of images used, which include aerial, ground level and street level. The aerial images show the location of the receptor with the solar farm drawn as a white polygon and can be seen on the images when the solar farm is theoretically visible, as well as the field of view of a train driver drawn between two red lines. The area of the solar farm from where reflections may be possible has been drawn as a yellow or green polygon. The ground level terrain is based on the height data of the surrounding land showing no intervening vegetation or buildings. The white and yellow polygons can be seen in this view also. The street view gives a good indication as to whether the area of the solar farm where reflections are theoretically possible will be visible from the receptor point.

Receptor 1

6.190. The 'Glare Reflections on PV Footprint' chart in Appendix H - J shows that reflections from a northern section of Panel Area 1, all, except a small southern corner, of Panel Area 2, and eastern section of Panel Area 4 all of Panel Area 5, all of Panel Area 10 and all of Panel Area 12 (see Figure 6 Appendix A) of the Principal Site can potentially impact on the receptor.

6.191. The first image in Appendix Q is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, the field of view (FOV) of a train driver (red lines) and the location from which the second image was taken (red dot). The second image is street view image with a view west towards the receptor. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible and the areas of the Principal Site where glint and glare is possible is outside the driver's field of view. Therefore, the impact reduces to None.

Receptor 2

6.192. The 'Glare Reflections on PV Footprint' chart in Appendix H - J shows that reflections from a northern section of Panel Area 1, all, except a southwest section, of Panel Area 2, and eastern section of Panel Area 4, all, except a southern section, of Panel Area 5, all of Panel Area 10 and all of Panel Area 12 (see Figure 6 Appendix A) of the Principal Site can potentially impact on the receptor.

6.193. The first image in Appendix Q is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, the field of view (FOV) of a train driver (red lines) and the location from which the second image was taken (red dot). The second image is street view image with a view west towards the receptor. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible and the areas of the Principal Site where glint and glare is possible is outside the driver's field of view. Therefore, the impact reduces to None.

Receptor 3

6.194. The 'Glare Reflections on PV Footprint' chart in **Appendix H - J** shows that reflections from a northern section of Panel Area 2, two western sections of Panel Area 4, the northern half of Panel Area 5, all of Panel Area 10 and all of Panel Area 12 (see **Figure 6 Appendix A**) of the Principal Site can potentially impact on the receptor.

6.195. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, the field of view (FOV) of a train driver (red lines) and the location from which the second image was taken (red dot). The second image is street view image with a view west towards the receptor. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible and the areas of the Principal Site where glint and glare is possible is outside the driver's field of view. Therefore, the impact reduces to **None**.

Receptor 4

6.196. The 'Glare Reflections on PV Footprint' chart in **Appendix H - J** shows that reflections from the northern half of Panel Area 2, and eastern and western section of Panel Area 4, a northern section of Panel Area 5, all of Panel Area 10 and all of Panel Area 12 (see **Figure 6 Appendix A**) of the Principal Site can potentially impact on the receptor.

6.197. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, the field of view (FOV) of a train driver (red lines) and the location from which the second image was taken (red dot). The second image is street view image with a view west towards the receptor. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible and the areas of the Principal Site where glint and glare is possible is outside the driver's field of view. Therefore, the impact reduces to **None**.

Receptor 5

6.198. The 'Glare Reflections on PV Footprint' chart in **Appendix H - J** shows that reflections from a northern section of Panel Area 2, an eastern and western section of Panel Area 4, all of Panel Area 10 and all of Panel Area 12 (see **Figure 6 Appendix A**) of the Principal Site can potentially impact on the receptor.

6.199. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, the field of view (FOV) of a train driver (red lines) and the location from which the second image was taken (red dot). The second image is street view image with a view northwest towards the receptor. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible and the areas of the Principal Site where glint and glare is possible is outside the driver's field of view. Therefore, the impact reduces to **None**.

Receptor 6

6.200. The 'Glare Reflections on PV Footprint' chart in **Appendix H - J** shows that reflections from a northern section of Panel Area 2, an eastern and western section of Panel Area 4, all of Panel Area 10 and all of Panel Area 12 (see **Figure 6 Appendix A**) of the Principal Site can potentially impact on the receptor.

6.201. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, the field of view (FOV) of a train driver (red lines) and the location from which the second image was taken (red dot). The second image is street view image with a view west towards the receptor. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible and the areas of the Principal Site where glint and glare is possible is outside the driver's field of view. Therefore, the impact reduces to **None**.

Receptor 7

6.202. The 'Glare Reflections on PV Footprint' chart in **Appendix H - J** shows that reflections from a small northern section and small northeast corner of Panel Area 2, an eastern and western section of Panel Area 4, all of Panel Area 10 and all, except a small southwest corner, of Panel Area 12 (see **Figure 6 Appendix A**) of the Principal Site can potentially impact on the receptor.

6.203. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, the field of view (FOV) of a train driver (red lines) and the location from which the second image was taken (red dot). The second image is street view image with a view west towards the receptor. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible and the areas of the Principal Site where glint and glare is possible is outside the driver's field of view. Therefore, the impact reduces to **None**.

Receptor 8

6.204. The 'Glare Reflections on PV Footprint' chart in **Appendix H - J** shows that reflections from all, except a northeast section, of Panel Area 4, a small northeast section and a southern section of Panel Area 6, all of Panel Area 10 and the northern half of Panel Area 12 (see **Figure 6 Appendix A**) of the Principal Site can potentially impact on the receptor.

6.205. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, the field of view (FOV) of a train driver (red lines) and the location from which the second image was taken (red dot). The second image is street view image with a view southeast towards the Principal Site. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible and the areas of the Principal Site where glint and glare is possible is outside the driver's field of view. Therefore, the impact reduces to **None**.

Receptor 9

6.206. The 'Glare Reflections on PV Footprint' chart in **Appendix H - J** shows that reflections from all, except a southwest section of Panel Area 10 (see **Figure 6 Appendix A**) of the Principal Site can potentially impact on the receptor.

6.207. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, the field of view (FOV) of a train driver (red lines) and the location from which the second image was taken (red dot). The second image is street view image with a view southeast towards the Principal Site. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible and the areas of the Principal Site where glint and glare is possible is outside the driver's field of view. Therefore, the impact reduces to **None**.

Receptor 10

6.208. The 'Glare Reflections on PV Footprint' chart in **Appendix H - J** shows that reflections from the northern half of Panel Area 10 (see **Figure 6 Appendix A**) of the Principal Site can potentially impact on the receptor.

6.209. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, the field of view (FOV) of a train driver (red lines) and the location from which the second image was taken (red dot). The second image is street view image with a view southeast towards the Principal Site. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible and the areas of the Principal Site where glint and glare is possible is outside the driver's field of view. Therefore, the impact reduces to **None**.

Receptor 11

6.210. The 'Glare Reflections on PV Footprint' chart in **Appendix H - J** shows that reflections from the eastern half of Panel Area 4 and a northeast section of Panel Area 10 (see **Figure 6 Appendix A**) of the Principal Site can potentially impact on the receptor.

6.211. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, the field of view (FOV) of a train driver (red lines) and the location from which the second image was taken (red dot). The second image is street view image with a view south towards the Principal Site. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible and the areas of the Principal Site where glint and glare is possible is outside the driver's field of view. Therefore, the impact reduces to **None**.

Receptor 12

6.212. The 'Glare Reflections on PV Footprint' chart in **Appendix H - J** shows that reflections from the eastern half of Panel Area 4 (see **Figure 6 Appendix A**) of the Principal Site can potentially impact on the receptor.

6.213. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, the field of view (FOV) of a train driver (red lines) and the location from which the second image was taken (red dot). The second image is street view image with a view northwest towards the receptor. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible and the areas of the Principal Site where glint and glare is possible is outside the driver's field of view. Therefore, the impact reduces to **None**.

Receptor 13

6.214. The 'Glare Reflections on PV Footprint' chart in **Appendix H - J** shows that reflections from all the eastern half of Panel Area 4 (see **Figure 6 Appendix A**) of the Principal Site can potentially impact on the receptor.

6.215. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, the field of view (FOV) of a train driver (red lines) and the location from which the second image was taken (red dot). The second image is street view image with a view northwest towards the receptor. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible and the areas of the Principal Site where glint and glare is possible is outside the driver's field of view. Therefore, the impact reduces to **None**.

Bridleway Receptors

6.216. **Table 6 - 4** shows a summary of the modelling results for each of the Bridleway Receptor Points whilst the detailed results and ocular impact charts can be viewed in **Appendix K, L and M**.

6.217. **Appendix K** shows the analysis for a tilt angle of 5 degrees, **Appendix L** shows the analysis for a tilt angle of 45 degrees and **Appendix M** shows the analysis for the tracker panels.

6.218. The three receptors (80 - 82) within the no-reflection zones outlined previously has been excluded from the detailed modelling as they will never receive glint and glare impacts from the Proposed Development.

Table 6 - 4: Summary of Bridleway Glare Results

Receptor	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Magnitude of Impact	Worst Case Tilt Angle (degrees)
1	2306	979	0	High	45
2	5323	2270	0	High	5
3	5951	31032	0	High	5
4	8121	17379	0	High	45
5	5564	14964	0	High	5
6	6739	6087	0	High	5
7	1474	12	0	High	Tracker
8	1995	9	0	High	Tracker
9	4279	1095	0	High	Tracker
10	2789	2096	0	High	5
11	3155	1856	0	High	5
12	4465	41	0	High	Tracker
13	8090	885	0	High	Tracker
14	140332	53291	0	High	5
15	147045	53861	0	High	5
16	7209	14277	0	High	5
17	10289	2619	0	High	Tracker
18	9254	2159	0	High	Tracker
19	3817	1736	0	High	5
20	9006	2098	0	High	Tracker
21	8398	2510	0	High	Tracker
22	14017	376	0	High	45
23	11810	0	0	Low	45
24	1643	0	0	Low	45
25	13167	1611	0	High	45

Receptor	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Magnitude of Impact	Worst Case Tilt Angle (degrees)
26	10411	2567	0	High	45
27	14158	16518	0	High	5
28	13620	11148	0	High	5
29	31658	22735	0	High	5
30	179655	42300	0	High	5
31	17922	11184	0	High	5
32	5812	1952	0	High	5
33	8400	1679	0	High	45
34	9746	2921	0	High	45
35	10353	13336	0	High	45
36	11363	7965	0	High	45
37	8942	17736	0	High	45
38	10244	12913	0	High	45
39	6625	1636	0	High	5
40	6666	396	0	High	45
41	3593	0	0	Low	45
42	2212	0	0	Low	45
43	1290	0	0	Low	5
44	4128	0	0	Low	5
45	5855	218	0	High	5
46	5888	193	0	High	5
47	7849	0	0	Low	45
48	13046	5509	0	High	5
49	6308	123	0	High	5
50	6446	7	0	High	5
51	8364	0	0	Low	45

Receptor	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Magnitude of Impact	Worst Case Tilt Angle (degrees)
52	9519	0	0	Low	45
53	10010	0	0	Low	5
54	11601	506	0	High	5
55	12563	611	0	High	5
56	47208	19123	0	High	Tracker
57	19309	18905	0	High	Tracker
58	7709	1411	0	High	5
59	7931	2437	0	High	5
60	4920	1429	0	High	5
61	5102	43	0	High	5
62	6123	1370	0	High	5
63	3175	464	0	High	5
64	4638	1276	0	High	5
65	9451	3002	0	High	5
66	8840	5086	0	High	5
67	82626	50869	0	High	5
68	3505	35008	0	High	5
69	23953	46092	0	High	5
70	4160	1434	0	High	45
71	2578	873	0	High	5
72	6714	1105	0	High	5
73	8189	260	0	High	45
74	7021	114	0	High	45
75	5555	66	0	High	45
76	1940	0	0	Low	5
77	1451	0	0	Low	5

Receptor	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Magnitude of Impact	Worst Case Tilt Angle (degrees)
78	2869	408	0	High	5
79	2623	8	0	High	5

6.219. As can be seen in **Table 6 - 4**, there are 67 receptor points which have potential glare impacts with the "potential for after-image" (Yellow Glare), which is a **High** impact, and 12 receptor points which have potential glare impacts with the "low potential for after-image" (Green Glare), which is a **Low** impact. **Appendix K - M** show detailed analysis of when the glint and glare impacts are possible, whilst also showing from which parts of the Principal Site the solar glint is reflected from.

6.220. **Appendix Q** shows Google Earth images that give an insight into how each receptor will be impacted by the glint and glare from the Principal Site. There is a mixture of images used, which include aerial, ground level and street level. The aerial images show the location of the receptor with the solar farm drawn as a white polygon and can be seen on the images when the solar farm is theoretically visible, as well as the field of view of a train driver drawn between two red lines. The area of the solar farm from where reflections may be possible has been drawn as a yellow or green polygon. The ground level terrain is based on the height data of the surrounding land showing no intervening vegetation or buildings. The white and yellow polygons can be seen in this view also. The street view gives a good indication as to whether the area of the solar farm where reflections are theoretically possible will be visible from the receptor point. Also, where appropriate images that have been taken from within the Application Site have been used to show up to date imagery.

Receptor 1

6.221. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from the northern half of the Panel Area 2, all, except a central and eastern section, of Panel Area 4, a small northern section of Panel Area 5, all of Panel Area 10, all of Panel Area 12 and a small northeast section of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.222. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second image is a ground level image taken from the position of the receptor a view towards the Principal Site. This image confirms that the vegetation and topography are sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 2

6.223. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from a small northern section of the Panel Area 1, all, except a southern section, of Panel Area 2, all, except a central and an eastern section, of Panel Area 4, the northern half of Panel Area 5, all of Panel Area 10, all of Panel Area 12 and a northeast section of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.224. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second and third images are ground level images taken from the position of the receptor views eastwards and westwards respectively towards the Principal Site. These images confirm that the vegetation and topography are sufficient to screen all eastwards views of the Principal Site and insufficient to screen westward views of the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 3

6.225. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from two small northern sections of the Panel Area 1, all, except a northwest and southwest section, of Panel Area 2, two western sections of Panel Area 4, all of Panel Area 5, all of Panel Area 10, all of Panel Area 12 and a northern section of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.226. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second and third images are ground level images taken from the position of the receptor views eastwards and westwards respectively towards the Principal Site. These images confirm that the vegetation and topography are views of Panel Area 1 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 4

6.227. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from two northern sections of the Panel Area 1, all, except a northern section, of Panel Area 2, two western sections and an eastern section of Panel Area 4, all of Panel Area 5, all of Panel Area 10, all of Panel Area 12 and a northern section of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.228. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second and third images are ground level images taken from the position of the receptor views eastwards and westwards respectively towards the Principal Site. These images confirm that the vegetation and topography are views of Panel Area 1 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 5

6.229. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from two central sections of the Panel Area 1, all, except a northern section, of Panel Area 2, a northern section of Panel Area 4, all of Panel Area 5, all of Panel Area 10, all of Panel Area 12 and a northern section of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.230. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second and third images are ground level images taken from the position of the receptor views eastwards and westwards respectively towards the Principal Site. These images confirm that the vegetation and topography are views of Panel Area 1 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 6

6.231. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from two northern sections of the Panel Area 1, the southern half of Panel Area 2, all, except a northern and southern area of Panel Area 4, all of Panel Area 5, a northern section of Panel Area 6, all of Panel Area 10, all of Panel Area 12 and a northern section of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.232. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second and third images are ground level images taken from the position of the receptor with views eastwards and westwards respectively towards the Principal Site. These images confirm that the vegetation and topography are insufficient to screen views of Panel Area 1 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 7

6.233. The 'Glare Reflections on PV Footprint' chart in **Appendix M** shows that reflections from the eastern half of Panel Area 4 and all of Panel Arae 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.234. The first image in **Appendix N** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second image is a ground level image taken from the position with a view towards the Principal Site. This image confirms that the vegetation and topography are sufficient to screen views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 8

6.235. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from the northeast corner of Panel Area 2, the eastern half of Panel Area 4, all, except a southern corner of Panel Area 6 and all of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.236. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second image is a ground level image taken from the position of the receptor with views eastwards and westwards respectively towards the Principal Site. This image confirms that the vegetation and topography are insufficient to screen views of Panel Area 2 in the Principal Site where glint and glare is possible. Therefore, the impact reduces to **Low**.

Receptor 9

6.237. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from the northeast and northwest corners of Panel Area 2, the eastern half of Panel Area 4, all, except a southern corner of Panel Area 6 and all of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.238. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second and third images are ground level images taken from the position of the receptor with views eastwards and westwards respectively towards the Principal Site. These images confirm that the vegetation and topography are insufficient to screen views of Panel Area 2 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 10

6.239. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from the northeast and northwest corners of Panel Area 2, the eastern half of Panel Area 4, all, except a southern section, of Panel Area 6 and all of Panel Arae 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.240. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second and third images are ground level images taken from the position of the receptor with views eastwards and westwards respectively towards the Principal Site. These images confirm that the vegetation and topography are insufficient to screen views of Panel Area 2 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 11

6.241. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from the northeast corner of Panel Area 2, an eastern section of Panel Area 4 and all of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.242. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second image is a ground level images taken from the position of the receptor with views eastwards and westwards respectively towards the Principal Site. This image confirms that the vegetation and topography are insufficient to screen views of the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 12

6.243. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from the northern half of Panel Area 2, an eastern section of Panel Area 4, a western corner and eastern section of Panel Area 6 and all of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.244. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second, third and fourth images are ground level images taken from the position of the receptor with views westwards (second and third images) and southwards (fourth images) respectively towards the Principal Site. These images confirms that the vegetation and topography are insufficient to screen views of Panel Area 2 in the Principal Site where glint and glare is possible. The second and third images are ground level images taken from the position of the receptor with a westwards view towards the Principal Site showing the position of the sun at 16:30 UTC on October 15th and at 15:30 UTC on November 30th respectively. However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar array, as outlined in **paragraph 4.16**. These images confirm that the sun will be the main source of solar reflection at the receptor. Therefore, the impact reduces to **Low**.

Receptor 13

6.245. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from a northern and central section of Panel Area 2, two eastern sections of Panel Area 4, a western northern section of Panel Area 6 and all of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.246. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second, third and fourth images are ground level images taken from the position of the receptor with views westwards (second and third images) and southwards (fourth images) respectively towards the Principal Site. These images confirms that the vegetation and topography are insufficient to screen views of Panel Area 2 in the

Principal Site where glint and glare is possible. The second and third images are ground level images taken from the position of the receptor with a westwards view towards the Principal Site showing the position of the sun at 15:30 UTC on January 1st and at 17:00 UTC on October 5th respectively. However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar array, as outlined in **paragraph 4.16**. These images confirm that the sun will be the main source of solar reflection at the receptor. Therefore, the impact reduces to **Low**.

Receptor 14

6.247. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from three northern sections and a central section of Panel Area 2, the eastern half of Panel Area 4, all, except a small southern section, of Panel Area 6 and all of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.248. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second and third images are ground level images taken from the position of the receptor with views eastwards and westwards respectively towards the Principal Site. These images confirm that the vegetation and topography are insufficient to screen views of Panel Area 2 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 15

6.249. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from a northwest and two eastern sections of Panel Area 2, the eastern half of Panel Area 4, a small northern section of Panel Area 5, the northern half of Panel Area 6 and all of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.250. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second and third images are ground level images taken from the position of the receptor with views eastwards and westwards respectively towards the Principal Site. These images confirm that the vegetation and topography are insufficient to screen views of the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 16

6.251. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from an eastern and two western sections of Panel Area 2, the eastern half of Panel Area 4, a northern section of Panel Area 5 and all of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.252. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second and third images are Google Earth Photos taken from the position of the receptor with views eastwards and westwards respectively towards the Principal Site. These images confirm that the vegetation and topography are insufficient to screen views of the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 17

6.253. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from all, except a central and a northern section, of Panel Area 2, an eastern section and a western corner of Panel Area 4, all of Panel Area 6 and all of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.254. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second and third images are a street view image with a view southward and a ground level image taken from the position of the receptor with a view westwards respectively towards the Principal Site. These images confirm that the vegetation and topography are insufficient to screen views of Panel Area 2 in the Principal Site where glint and glare is possible. Therefore, the impact reduces to **Low**.

Receptor 18

6.255. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from all, except a northern and a southern section, of Panel Area 2, an eastern section and a western corner of Panel Area 4, all, except an eastern section, of Panel Area 6 and all of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.256. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second, third, fourth and fifth images are ground level images taken from the position of the receptor with views westwards (second and third images) and southwards (fourth images) respectively towards the Principal Site. These images confirms that the vegetation and topography are insufficient to screen views of Panel Area 2 in the Principal Site where glint and glare is possible. The second and third images are ground level images taken from the position of the receptor with a westwards view towards the Principal Site showing the position of the sun at 17:45 UTC on March 20th and at 17:30 UTC on April 15th respectively. The fourth and fifth images are ground level images taken from the position of the receptor with a southwards view towards the Principal Site showing the position of the sun at 12:15 UTC on January 1st and at 12:00 UTC on December 5th respectively. However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar array, as outlined in **paragraph 4.16**. These images confirm that the sun will be the main source of solar reflection at the receptor. Therefore, the impact reduces to **Low**.

Receptor 19

6.257. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from a northern and a southern section of Panel Area 2, two eastern sections and a wester corner of Panel Area 3, a western section of Panel Area 6 and all of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.258. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second, third, fourth, fifth and sixth images are ground level images taken from the position of the receptor with views westwards (second, third and fourth images) and southwards (fifth and sixth images) respectively towards the Principal Site. The second, third and fourth images are ground level images taken from the position of the receptor with a westwards view towards the Principal Site showing the position of the sun at 17:45 UTC on March 15th, at 17:00 UTC on May 5th and at 17:15 UTC on October 1st respectively. The fifth and sixth images are ground level images taken from the position of the receptor with a southwards view towards the Principal Site showing the position of the sun at 09:15 UTC on January 1st and at 09:15 UTC on December 5th respectively. However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar array, as outlined in **paragraph 4.16**. These images confirm that the sun will be the main source of solar reflection at the receptor. Therefore, the impact reduces to **Low**.

Receptor 20

6.259. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from the northern half of Panel Area 2, a northern and an eastern section of Panel Area 4,a of Panel Area 6 and all of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.260. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second, third, fourth, fifth, sixth and seventh images are ground level images taken from the position of the receptor with views westwards (second and third images) and southwards (fourth, fifth, sixth and seventh images) respectively towards the Principal Site. The second and third images are ground level images taken from the position of the receptor with a westwards view towards the Principal Site showing the position of the sun at 17:45 UTC on March 20th and at 17:15 UTC on April 20th respectively. The fourth, fifth, sixth and seventh images are ground level images taken from the position of the receptor with a southwards view towards the Principal Site showing the position of the sun at 11:45 UTC on January 1st, at 13:00 UTC on December 1st, at 14:45 UTC on January 1st and at 14:30 UTC on December 1st respectively. However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar array, as outlined in **paragraph 4.16**. These images confirm that the sun will be the main source of solar reflection at the receptor. Therefore, the impact reduces to **Low**.

Receptor 21

6.261. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from all, except a southern section, of Panel Area 2, a northern section and eastern section of Panel Area 4, a small northern section of Panel Area 5, all of Panel Area 6 and all of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.262. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the third and fifth images were taken (red dot). The second image is a ground level image with an eastwards view towards Panel Area 4. The third image is a street view image with a view towards Panel Area 4. These images confirm that the vegetation is sufficient to screen all views of Panel Area 4 in the Principal Site where glint and glare is possible. The fourth image is a ground level image with an westwards view towards Panel Area 2. The fifth image is a street view image with a view towards Panel Area 2. These images confirm that the vegetation is sufficient to screen all views of Panel Area 2 in the Principal Site where glint and glare is possible. The sixth, seventh, eighth, and ninth images are ground level images taken from the position of the receptor with views southwards towards the Principal Site showing the position of the sun at 11:30 UTC on January 5th , at 12:45 UTC on December 1st, at 14:45 UTC on January 1st and at 15:45 UTC on February 1st respectively. However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar array, as outlined in **paragraph 4.16**. These images confirm that the sun will be the main source of solar reflection at the receptor. Therefore, the impact reduces to **Low**.

Receptor 22

6.263. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from a southern section of Panel Area 1, all, except a southern section, of Panel Area 2, all, except a southern section of Panel Area 3, all, except a southern section, of Panel Area 4, all of Panel Area 5, all, except a southern section of Panel Area 6, a northern section of Panel Area 7, a northern and southern section of Panel Area 10, all of Panel Area 12 and all of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.264. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second and third images are ground level images taken from the position of the receptor with views eastwards and southwards respectively towards the Principal Site. These images confirm that the topography is insufficient to screen views of Panel Area 1 in the Principal Site where glint and glare is possible. Therefore, the impact remains **Low**.

Receptor 23

6.265. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from a southern section of Panel Area 1, a southern section of Panel Area 2, all of Panel Area 4, all of Panel Area 5, all, except a southern section of Panel Area 6, a northern section of Panel Area 7, a northern and southern section of Panel Area 10, all of Panel Area 12 and all of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.266. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second and third images are ground level images taken from the position of the receptor with views eastwards and southwards respectively towards the Principal Site. These images confirm that the topography is insufficient to screen views of Panel Area 1 in the Principal Site where glint and glare is possible. Therefore, the impact remains **Low**.

Receptor 24

6.267. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from a southern section of Panel Area 1, all of Panel Area 2, all, except a southern section, of Panel Area 3, all of Panel Area 4, all of Panel Area 5, a northern section of Panel Area 7, all of Panel Area 12 and all of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.268. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second and third images are ground level images taken from the position of the receptor with views eastwards and southwards respectively towards the Principal Site. These images confirm that the topography is insufficient to screen views of Panel Area 1 in the Principal Site where glint and glare is possible. Therefore, the impact remains **Low**.

Receptor 25

6.269. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from a small southern section of Panel Area 1, a northern section of Panel Area 3, all, except a southern section, of Panel Area 4, all of Panel Area 5, all, except a southern section, of Panel Area 6, a northern section of Panel Area 7, all, except a northern section, of Panel Area 10, all of Panel Area 12 and a northern section of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.270. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second and third images are ground level images taken from the position of the receptor with a view towards Panel Area 1 in the Principal Site showing the position of the sun at 05:00 UTC on May 15th and July 1st respectively. However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar

array, as outlined in **paragraph 4.16**. These images confirm that the sun will be the main source of solar reflection at the receptor. The fourth images is a ground level image taken from the position of the receptor with a view southwards towards the Principal Site. This image confirms that the topography is sufficient to screen views of Panel Areas 3, 4, 5, 6 and 8 in the Principal Site where glint and glare is possible. Therefore, the impact reduces to **Low**.

Receptor 26

6.271. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from an eastern and small southern section of Panel Area 1, a northern section of Panel Area 3, all, except a southern section, of Panel Area 4, all of Panel Area 5, all, except a southern section, of Panel Area 6, a northern section of Panel Area 7, all of Panel Area 10, all of Panel Area 12 and a northern section of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.272. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second image is a ground level images taken from the position of the receptor with a view northward towards the Principal Site. This image confirms that the topography is insufficient to screen views of Panel Area 1 in the Principal Site where glint and glare is possible. The third and third fourth are ground level images taken from the position of the receptor with a view towards Panel Areas 3, 4 and 5 in the Principal Site showing the position of the sun at 06:30 UTC on April 1st and at 07:00 UTC on July 1st respectively. However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar array, as outlined in **paragraph 4.16**. These images confirm that the sun will be the main source of solar reflection at the receptor. The fifth image is a ground level image with a view southward. This image confirms that the topography is sufficient to screen views of Panel Areas 6, 7, 10, 12 and 14 in the Principal Site where glint and glare is possible. Therefore, the impact remains **Low**.

Receptor 27

6.273. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from an eastern section of Panel Area 1, a northern section of Panel Area 3, all, except a southern section, of Panel Area 4, all of Panel Area 5, all, the northern half of Panel Area 6, the northeast corner of Panel Area 7, all of Panel Area 10, all of Panel Area 12 and a northern section of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.274. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second image is a ground level image with an eastwards view towards the Principal Site. This image confirms that the topography is insufficient to screen all view of Panel Area 3 in the Principal Site where glint and glare is possible. The third and fourth images are ground level images taken from the position of the receptor with a view towards Panel Area 1 in the Principal Site showing the position of the sun at 19:00 UTC on July

1st and at 17:00 UTC on October 1st respectively. However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar array, as outlined in paragraph 4.16. These images confirm that the sun will be the main source of solar reflection at the receptor. The fifth image is a ground level image taken from the position of the receptor with a southwards view towards Panel Areas 6, 7, 10, 12 and 14 in the Principal Site. These images confirm that the topography is sufficient to screen views of Panel Areas 5, 6, 8 and 10 in the Principal Site where glint and glare is possible. Therefore, the impact remains High.

Receptor 28

6.275. The 'Glare Reflections on PV Footprint' chart in Appendix K – M shows that reflections from a western section of Panel Area 1, a northern section of Panel Area 3, all, except a southern section, of Panel Area 4, all of Panel Area 5, a northern section of Panel Area 6 all of Panel Area 10, all of Panel Area 12 and a small northern section of Panel Area 14 (see Figure 6: Appendix A) of the Principal Site can potentially impact on the receptor.

6.276. The first image in Appendix Q is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second image is ground level images taken from the position of the receptor with a view towards Panel Areas 3, 4 and 5 in the Principal Site. This image confirms that the topography is insufficient to screen views of the Principal Site where glint and glare is possible. The third image is a ground level image taken from the position of the receptor with westwards view towards Panel Area 1 in the Principal Site. This image confirms that the topography is insufficient to screen views of Panel Area 1 in the Principal Site where glint and glare is possible. The fourth image is a ground level image with a southwards view towards Panel Areas 6, 10 and 12 in the Principal Site. This image confirms that the topography is sufficient to screen all views of Panel Areas 6, 10 and 12 in the Principal Site where glint and glare is possible. Therefore, the impact remains High.

Receptor 29

6.277. The 'Glare Reflections on PV Footprint' chart in Appendix K – M shows that reflections from a western section of Panel Area 1, a northern section of Panel Area 3, all of Panel Area 5, all of Panel Area 6, all of Panel Area 10, all, except a southern section, of Panel Area 11, all of Panel Area 12 and a small northern section of Panel Area 14 (see Figure 6: Appendix A) of the Principal Site can potentially impact on the receptor.

6.278. The first image in Appendix Q is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second and third images are ground level images taken from the position of the receptor with a view towards Panel Area 3 and 5 in the Principal Site showing the position of the sun at 07:00 UTC on March 15th and at 05:30 UTC on May 10th respectively. However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar array, as outlined in paragraph 4.16. These images confirm that the

sun will be the main source of solar reflection at the receptor. The fourth image is a ground level image taken from the position of the receptor with westwards view towards Panel Area 1 in the Principal Site. This image confirms that the topography is insufficient to screen views of Panel Area 1 in the Principal Site where glint and glare is possible. The fifth image is a ground level image with a southwards view towards Panel Areas 6, 10, 11, 12 and 14 in the Principal Site. This image confirms that the topography is sufficient to screen all views of Panel Areas 6, 10, 11, 12 and 14 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 30

6.279. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from an eastern and western section of Panel Area 1, a southern section of Panel Area 2, a northern section of Panel Area 3, the northern half of Panel Area 4, all of Panel Area 5, all, except a southern section, of Panel Area 6, all of Panel Area 10, all of Panel Area 12 and a southern section of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.280. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second and third images are ground level images taken from the position of the receptor with views eastwards and westwards respectively towards the Principal Site. These images confirm that the topography is insufficient to screen views of Panel Areas 1, 2, 3 and 4 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 31

6.281. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from the northern half of Panel Area 1, the southern half of Panel Area 2, the northern half of Panel Area 4, all of Panel Area 5, all of Panel Area 6, all of Panel Area 10, the northeast half of Panel Area 11, all of Panel Area 12 and a western section of Panel Area 12 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.282. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second and third images are ground level images taken from the position of the receptor with views eastwards and westwards respectively towards the Principal Site. These images confirm that the topography is insufficient to screen views of Panel Area 1 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 32

6.283. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from the northern half of Panel Area 1, a southern section of Panel Area 2, all of Panel Area 5, all of Panel

Area 6, all, except a small southwest section, of Panel Area 10, a northern section of Panel Area 12 and all, except a northeast section, of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.284. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second and third images are ground level images taken from the position of the receptor with views eastwards and westwards respectively towards the Principal Site. These images confirm that the topography is insufficient to screen views of Panel Area 2 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 33

6.285. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from a central section of Panel Area 1, a southern section of Panel Area 2, the northern half of Panel Area 4, all of Panel Area 5, a northern and a southern section of Panel Area 6, the northeast half of Panel Area 10 and a small northeast corner of Panel Area 12 and all, except a northeast section, of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.286. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second and third images are ground level images taken from the position of the receptor with views eastwards and westwards respectively towards the Principal Site. These images confirm that the topography is insufficient to screen views of Panel Areas 1, 2 and 4 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 34

6.287. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from the northern half of Panel Area 1, the northern half of Panel Area 4, all of Panel Area 5, a northern and a southern section of Panel Area 6, the northeast half of Panel Area 8, a small northeast corner of Panel Area 12 and all, except a northeast section, of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.288. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second and third images are ground level images taken from the position of the receptor with views eastwards and westwards respectively towards the Principal Site. These images confirm that the topography is insufficient to screen views of Panel Areas 1 and 4 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 35

6.289. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from a northern section of Panel Area 1, a northern section of Panel Area 3, all, except a southern section, of Panel Area 4, all of Panel Area 5, a small northern corner of Panel Area 6, the northeast half of Panel Area 10, a small northeast corner of Panel Area 12 and all, except a northeast section, of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.290. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second and third images are ground level images taken from the position of the receptor with views eastwards and westwards respectively towards the Principal Site. These images confirm that the topography is insufficient to screen views of Panel Areas 1, 3 and 4 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 36

6.291. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from a northern section of Panel Area 1, a northern section of Panel Area 3, a central and southern section, of Panel Area 4, all of Panel Area 5, a small northern corner of Panel Area 6, the northeast half of Panel Area 10, a small northeast corner of Panel Area 12 and all of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.292. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second and third images are ground level images taken from the position of the receptor with views eastwards and westwards respectively towards the Principal Site. These images confirm that the topography is insufficient to screen views of Panel Areas 1, 3 and 4 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 37

6.293. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from a northern section of Panel Area 1, a northern section of Panel Area 3, a southern section of Panel Area 4, all of Panel Area 5, the northeast half of Panel Area 10, a small northeast corner of Panel Area 12 and all of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.294. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second and third images are ground level images taken from the position of the receptor with views eastwards and westwards respectively towards the Principal Site. These images confirm that the topography is insufficient to screen views of Panel Areas 1, 3 and 4 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 38

6.295. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from all of Panel Area 1, a northern section of Panel Area 3, a southern section of Panel Area 4, a southern section of Panel Area 5, all of Panel Area 6, a northern corner of Panel Area 7, the northeast half of Panel Area 10, a northern section of Panel Area 11, the northern half of Panel Area 12 and all of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.296. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second and third images are ground level images taken from the position of the receptor with views eastwards and westwards respectively towards the Principal Site. These images confirm that the topography is insufficient to screen views of Panel Areas 1, 3, 4 and 6 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 39

6.297. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from a western section of Panel Area 1, a western section of Panel Area 3, the southern half of Panel Area 6, a northern section of Panel Area 7, all, except a northern section, of Panel Area 10, all of Panel Area 12 and all, except a northeast section, of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.298. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second, third and fourth images are ground level images taken from the position of the receptor with views eastwards, northwards and southwards respectively towards the Principal Site. These images confirm that the topography is insufficient to screen views of Panel Areas 10, 12 and 14 in the Principal Site where glint and glare is possible. Therefore, the impact reduces to **Low**.

Receptor 40

6.299. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from a western and southern section of Panel Area 1, a western section of Panel Area 3, the southern half of Panel Area 6, a central section of Panel Area 7, all, except a northern section, of Panel Area 10, all of Panel Area 12 and all, except a northeast section, of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.300. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the fourth image was taken (red dot). The second and third images are ground level images taken from the position of the receptor with views eastwards and northwards respectively towards the Principal Site. The fourth image is a street view image with a southwards view towards the Principal Site. These

images confirm that the vegetation and topography are sufficient to screen views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 41

6.301. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from the southern half of Panel Area 6, a central section of Panel Area 7, all, except a northern section, of Panel Area 10, the southern half of Panel Area 12 and a northern section of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.302. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). The second image is a street view image with a view towards the Principal Site. This image confirms that the vegetation and intervening buildings are sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 42

6.303. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from a southern section of Panel Area 6, a central section of Panel Area 7, all, except a northern section, of Panel Area 10, all, except a northern section, of Panel Area 12 and a northern and southwest section of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.304. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). The second image is a street view image with a view towards the Principal Site. This image confirms that the vegetation and intervening buildings are sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 43

6.305. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from a southern section of Panel Area 6, a central section of Panel Area 7, all, except a northern section, of Panel Area 10, most, except a northern section, of Panel Area 12 and a northern and southwest section of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.306. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). The second image is a street view image with a view towards the Principal Site. This image confirms that the vegetation and intervening buildings are sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 44

6.307. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from a southern section of Panel Area 6, a central section of Panel Area 7, all, except a northern and southern section, of Panel Area 10, all of Panel Area 12 and a northern and southwest section of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.308. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). The second image is a street view image with a view towards the Principal Site. This image confirms that the vegetation and intervening buildings are sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 45

6.309. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from all, except two eastern sections, of Panel Area 1, the western half of Panel Area 3, a central section of Panel Area 7, a northern section of Panel Area 10, a small northeast corner of Panel Area 12 and two eastern sections of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.310. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). The second image is a street view image with an eastwards view towards Panel Areas 10 and 12 in the Principal Site. This image confirms that the vegetation is insufficient to screen all views of Panel Area 10 in the Principal Site where glint and glare is possible. The third and fourth images are ground level images taken from the position of the receptor with a westwards view towards Panel Areas 1, 3 and 7 in the Principal Site showing the position of the sun at 19:00 UTC on May 15th and at 19:30 UTC on July 1st respectively. However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar array, as outlined in **paragraph 4.16**. These images confirm that the sun will be the main source of solar reflection at the receptor. Therefore, the impact reduces to **Low**.

Receptor 46

6.311. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from all of Panel Area 1, all, except an eastern section, of Panel Area 3, a central section of Panel Area 7, the northern half of Panel Area 8, a northern section of Panel Area 10 and a northwest section of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.312. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken

(red dot). The second image is a street view image with an eastwards view towards Panel Area 8 in the Principal Site. This image confirms that the vegetation is insufficient to screen all views of Panel Areas 10 and 14 in the Principal Site where glint and glare is possible. The third and fourth images are ground level images taken from the position of the receptor with a westwards view towards Panel Areas 1, 3, 7 and 8 in the Principal Site showing the position of the sun at 19:00 UTC on May 15th and at 19:30 UTC on July 1st respectively. However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar array, as outlined in **paragraph 4.16**. These images confirm that the sun will be the main source of solar reflection at the receptor. Therefore, the impact reduces to **Low**.

Receptor 47

6.313. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from all of Panel Area 1, all, except a northeast section, of Panel Area 3, a southwest corner of Panel Area 4, a central section of Panel Area 7, all of Panel Area 8 and a western section of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.314. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). The second image is a street view image with a view towards the receptor. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 48

6.315. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from all, except a northeast section, of Panel Area 1, all, except an eastern section, of Panel Area 3, a central section of Panel Area 7, a northern section of Panel Area 8, a southeast section of Panel Area 9 and all, except a southeast section, of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.316. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second image is a ground level image with a view towards the Principal Site. This image confirms that the vegetation is insufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 49

6.317. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from all, except two small northeast sections, of Panel Area 1, all, except an eastern section, of Panel Area 3, a central section of Panel Area 7, the southern half of Panel Area 8, all, except a southeast corner, of Panel Area 9, and a western section of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.318. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). The second image is a street view image with an eastwards view towards the receptor. This image confirms that the vegetation is sufficient to screen all views of Panel Areas 1, 3 and 7 where glint and glare is possible. The third image is a ground level image taken from the position of the receptor with a view towards the Panel Areas 8, 9 and 14 in the Principal Site. This image confirms that the topography is insufficient to screen all views of Panel Area 8 in the Principal Site where glint and glare is possible. Therefore, the impact reduces to **Low**.

Receptor 50

6.319. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from all of Panel Area 1, all, except a northeast section, of Panel Area 3, a small southwest corner of Panel Area 4, a central section of Panel Area 7, all of Panel Area 8, the northwest half of Panel Area 9 and a northwest corner of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.320. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second image is a ground level image with a westwards view towards the Principal Site. This image confirms that the topography is sufficient to screen all views of Panel Areas 1, 3 and 4 where glint and glare is possible and Panel Area 7 in the Principal Site where yellow glare is possible. Therefore, the impact reduces to **Low**.

Receptor 51

6.321. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from all of Panel Area 1, all of Panel Area 3, a southwest corner of Panel Area 4, a central section of Panel Area 7, all of Panel Area 8, all, except the southeast corner, of Panel Area 9 and a western section of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.322. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). The second image is a street view image with an eastwards view towards the receptor. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where yellow glare is possible. Therefore, the impact reduces to **None**.

Receptor 52

6.323. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from all of Panel Area 1, a western section of Panel Area 2, all of Panel Area 3, a western section of Panel Area 4 a central section of Panel Area 7, all of Panel Area 8, all of Panel Area 9, a northwest section of Panel Area 10 and all, except a southeast section, of Panel Area 14 and a northwest

section of Panel Area 8 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.324. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). The second image is a street view image with a westwards view of the vegetation to the northwest, west and south of the receptor. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where yellow glare is possible. Therefore, the impact reduces to **None**.

Receptor 53

6.325. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from all of Panel Area 1, a western section of Panel Area 2, all, except a northeast section, of Panel Area 3, a southwest corner of Panel Area 4, all, except a northeast corner, of Panel Area 7, all of Panel Area 8, all of Panel Area 9, a northern section of Panel Area 11, a northwest corner of Panel Area 13, all of Panel Area 14 and all of Panel Area 15 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.326. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). The second image is a street view image with a westwards view of the vegetation to the west of the receptor. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 54

6.327. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from all of Panel Area 1, all, except an eastern section, of Panel Area 3, all, except a northeast corner, of Panel Area 7, all of Panel Area 8, all of Panel Area 9, all, except a southern corner, of Panel Area 10, a northwest section of Panel Area 11, a northwest corner of Panel Area 13, all of Panel Area 14 and the southern half of Panel Area 15 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.328. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second and third images are ground level images with southwest and northwest view towards the Principal Site respectively. These images confirm that the topography is insufficient to screen all views of Panel Areas 8 and 9 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 55

6.329. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from all of Panel Area 1, all, except an eastern section, of Panel Area 3, all, except a northeast corner, of Panel Area 7, all of Panel Area 8, all of Panel Area 9, all, except a southern corner and

northeast section, of Panel Area 10, a northwest section of Panel Area 11, a northern section of Panel Area 13 and all of Panel Area 14 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.330. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second image is a ground level image with a westwards view towards the Principal Site. This image confirms that the topography is insufficient to screen all views of Panel Areas 10 and 11 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 56

6.331. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from all, except two small northeast corners, of Panel Area 1, the western half of Panel Area 3, all, except a northeast section, of Panel Area 7, all of Panel Area 8, all of Panel Area 9, a northern section of Panel Area 11, a northeast corner of Panel Area 12, a northwest section of Panel Area 13, all of Panel Area 14 and all of Panel Area 15 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.332. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second and third images are a ground level images with eastwards and westwards views towards the Principal Site. This image confirms that the topography is insufficient to screen all views of Panel Area 11 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 57

6.333. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from all, except a northeast section, of Panel Area 1, the western half of Panel Arae 3, the southern half of Panel Area 7, all of Panel Area 8, all of Panel Area 9, the southern half of Panel Area 10, the central section of Panel Area 11, the northern half of Panel Area 12, a northern section of Panel Area 13, all of Panel Area 14 and all of Panel Area 15 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.334. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site. The second and third images are ground level images with eastwards and westwards views towards the Principal Site. This image confirms that the topography is insufficient to screen all views of Panel Area 11 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 58

6.335. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from the southwest half of Panel Area 1, a wester section of Panel Area 3, the southern half of Panel Area 7, all of Panel Area 8, all of Panel Area 9, a small southern section of Panel Area 10, an

eastern section of Panel Area 11, all, except a southwest corner, of Panel Area 12, a northern section of Panel Area 13, all of Panel Area 14 and all of Panel Area 15 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.336. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). The second image is a street view image with an eastwards view towards the receptor. This image confirms that the vegetation is sufficient to screen all views of Panel Areas 1, 3 7, 8, 9, 10 and 12 in the Principal Site. The third image is a ground level image with an eastwards view towards the Principal Site. This image confirms that the topography is insufficient to screen all views of Panel Area 11 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 59

6.337. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from a southwest section of Panel Area 1, a western section of Panel Area 3, the southern half of Panel Area 7, a small southern section of Panel Area 8, all of Panel Area 9, an eastern section of Panel Area 11, the southern half of Panel Area 12, a northern section of Panel Area 13, all of Panel Area 14 and all of Panel Area 15 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.338. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). The second image is a street view image with a westwards view towards Panel Areas 1, 3, 7, 8, 9, 13, 14 and 15 in the Principal Site. This image confirms that the vegetation is sufficient to screen all views of Panel Areas 1, 3, 7, 8, 9, 13, 14 and 15 in the Principal Site. The third image is a ground level image with an eastwards view towards the Principal Site. This image confirms that the topography is insufficient to screen all views of Panel Area 11 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 60

6.339. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from a western section of Panel Area 1, a western section of Panel Area 3, a southern section of Panel Area 7, all of Panel Area 9, an eastern section of Panel Area 11, a northern and southern section of Panel Area 12, the northern half of Panel Area 13, all, except a northern section, of Panel Area 14 and all of Panel Area 15 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.340. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). The second image is a street view image with an eastwards view towards the receptor. This image confirms that the vegetation is sufficient to screen all views of Panel Areas 1, 3, 7, 9, 13, 14 and 15 in the Principal Site. The third image is a ground level image with an

eastwards view towards the Principal Site. This image confirms that the topography is insufficient to screen all views of Panel Area 11 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 61

6.341. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from a southwest section of Panel Area 1, a western section of Panel Area 3, the southern half of Panel Area 7, the southern half of Panel Area 8, all of Panel Area 9, an eastern section of Panel Area 11, all of Panel Area 12, a northern section of Panel Area 13, all of Panel area 14 and all of Panel Area 15 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.342. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). The second image is a street view image with a westwards view towards Panel Areas 1, 3, 7, 8, 9, 13, 14 and 15 in the Principal Site. This image confirms that the vegetation is sufficient to screen all views of Panel Areas 1, 3, 7, 8, 19, 13, 14 and 15 in the Principal Site. The third image is a ground level image with an eastwards view towards the Principal Site. This image confirms that the topography is insufficient to screen all views of Panel Area 11 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 62

6.343. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from a southwest section of Panel Area 1, a western section of Panel Area 3, the southern half of Panel Area 7, the southern half of Panel Area 8, all of Panel Area 9, an eastern section of Panel Area 11, all, except a northeast corner, of Panel Area 12, a northern section of Panel Area 13, all of Panel Area 14 and all of Panel Area 15 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.344. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). The second and third images are street view images with an eastwards and westwards view towards the Principal Site respectively. These images confirm that the vegetation is sufficient to screen all views of Panel Areas 1, 3, 7, 8, 9, 13, 14 and 15 in the Principal Site and insufficient to screen all views of Panel Area 11 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 63

6.345. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from a southwest corner of Panel Area 9, a central section of Panel Area 11, all of Panel Area 12, a northern and southern section of Panel Area 13, all of Panel Area 14 and the western half of

Panel Area 15 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.346. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second, third and fourth images were taken (red, yellow and blue dots respectively). The second image is a street view image with an eastwards view towards Panel Area 11 and 12 in the Principal Site. The third image is a street view image with a northwards view towards Panel Area 9 in the Principal Site. The fourth image is a street view image with a northeast view towards the receptor. These images confirm that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 64

6.347. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from a southwest corner of Panel Area 9, a central and southern section of Panel Area 11, all of Panel Area 12, a northern and southern section of Panel Area 13, all of Panel Arae 14 and the western half of Panel Area 15 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.348. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second, third and fourth images were taken (red, yellow and blue dots respectively). The second image is a street view image with an eastwards view towards Panel Area 11 and 12 in the Principal Site. The third image is a street view image with an eastwards view towards the receptor. The fourth image is a street view image with a northwards view towards Panel Area 9 in the Principal Site. These images confirm that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 65

6.349. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from all, except a northwest section, of Panel Area 11, all of Panel Area 12, a central section of Panel Area 13, a southern section of Panel Area 14 and all, except a southern section, of Panel Area 15 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.350. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second and third images were taken (red and yellow dots respectively). The second image is a street view image with a westwards view towards the receptor. This image confirms that the vegetation and intervening buildings are sufficient to screen all views of Panel Areas 11, 12, 14 and 15 in the Principal Site where glint and glare is possible. The third image is a street view image with a westwards view towards Panel Area 13 in the Principal Site. This image confirms that the vegetation is insufficient to screen all views Panel Area 13 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 66

6.351. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from all, except a northwest section, of Panel Area 11, all of Panel Area 12, a central section of Panel Area 13, a southern section of Panel Area 14 and all, except a southern section, of Panel Area 15 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.352. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second and third images were taken (red dot). The second image is a street view image with an eastwards view towards Panel Areas 11, 12 and 15. This image confirms that the vegetation and intervening buildings are sufficient to screen all views of Panel Areas 11 and 12 in the Principal Site where glint and glare is possible. The third image is a street view image with a westwards view towards the receptor and Panel Area 13 in the Principal Site. This image confirms that the vegetation is insufficient to screen all views Panel Area 13, 14 and 15 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 67

6.353. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from all, except a northwest section, of Panel Area 11, all of Panel Area 12, a central section of Panel Area 13, the southern half of Panel Area 14 and the northern half of Panel Area 15 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.354. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second and third images were taken (red dot). The second image is a street view image with an eastwards view towards Panel Areas 11, 12 and 15. This image confirms that the vegetation and intervening buildings are sufficient to screen all views of Panel Areas 11 and 12 in the Principal Site where glint and glare is possible. The third image is a street view image with a westwards view towards the receptor and Panel Area 13 in the Principal Site. This image confirms that the vegetation is insufficient to screen all views Panel Area 13, 14 and 15 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 68

6.355. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from a small southern corner of Panel Area 10, all, except a northwest section, of Panel Area 11, all of Panel Area 12, a central section of Panel Area 13, a central section of Panel Area 14 and the northern half of Panel Area 15 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.356. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second and third images were taken (red dot). The second image is a street view image with an eastwards view towards

Panel Areas 10, 11, 12 and 15. This image confirms that the vegetation and intervening buildings are sufficient to screen all views of Panel Areas 8, 11 and 12 in the Principal Site where glint and glare is possible. The third image is a street view image with a westwards view towards the receptor and Panel Area 13 in the Principal Site. This image confirms that the vegetation is insufficient to screen all views Panel Area 13, 14 and 15 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 69

6.357. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from a southeast section of Panel Area 10, all, except a northwest section, of Panel Area 11, all of Panel Area 12, a central section of Panel Area 13, a central section of Panel Area 14 and a northern section of Panel Area 15 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.358. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second and third images were taken (red dot). The second image is a street view image with an eastwards view towards Panel Areas 10, 11, 12 and 15. This image confirms that the vegetation and intervening buildings are sufficient to screen all views of Panel Areas 11 and 12 in the Principal Site where glint and glare is possible. The third image is a street view image with a westwards view towards the receptor and Panel Area 13 in the Principal Site. This image confirms that the vegetation is insufficient to screen all views Panel Area 13, 14 and 15 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 70

6.359. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from the southeast half of Panel Area 11, all of Panel Area 12, a central section of Panel Area 13 and a southern section of Panel Area 15 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.360. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second and third images were taken (red dot). The second image is a street view image with an eastwards view towards Panel Areas 11, 12 and 15. This image confirms that the vegetation is sufficient to screen all views of Panel Areas 11, 12 and 15 in the Principal Site where glint and glare is possible. The third image is a street view image with a westwards view towards Panel Area 13 in the Principal Site. This image confirms that the vegetation is insufficient to screen all views Panel Area 13 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 71

6.361. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from a southeast section of Panel Area 11, all of Panel Area 12, a central section of Panel Area 14 and a southern section of Panel Area 15 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.362. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second and third images were taken (red dot). The second image is a street view image with an eastwards view towards Panel Areas 11, 12 and 15. This image confirms that the vegetation is sufficient to screen all views of Panel Areas 11 and 12 in the Principal Site where glint and glare is possible. The third image is a street view image with a westwards view towards Panel Area 13 in the Principal Site. This image confirms that the vegetation is insufficient to screen all views Panel Area 13 in the Principal Site where glint and glare is possible. Therefore, the impact remains **High**.

Receptor 72

6.363. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from two small southeast sections of Panel Area 11, all of Panel Area 12, all, except a southern section, of Panel Area 13, a small southwest section of Panel Area 14 and a southern section of Panel Area 15 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.364. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second and third images were taken (red and yellow dots respectively). The second image is a street view image with an eastwards view towards the receptor. This image confirms that the vegetation is sufficient to screen all views of Panel Areas 13, 14 and 15 in the Principal Site where glint and glare is possible. The third image is a street view image with a westwards view towards the receptor. This image confirms that the vegetation and intervening buildings are sufficient to screen all views Panel Area 13 in the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 73

6.365. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from all of Panel Area 12, all, except a southern section, of Panel Area 13, all, except a northern section, of Panel Area 14 and all, except a southern section, of Panel Area 15 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.366. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second and third images were taken (red dot). The second image is a street view image with an eastwards view towards Panel Area 12 in the Principal Site. The third image is a street view image with a westwards view

towards Panel Areas 13, 14 and 15 in the Principal Site. These images confirms that the vegetation and intervening buildings are sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 74

6.367. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from all of Panel Area 12, all, except a southern section, of Panel Area 13, all, except a northern section of Panel Area 14 and all, except a southern section, of Panel Area 15 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.368. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second and third images were taken (red and yellow dots respectively). The second image is a street view image with a westwards view towards the receptor. The third image is a street view image with a westwards view towards Panel Areas 13, 14 and 15 in the Principal Site. These images confirm that the vegetation and intervening buildings are sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 75

6.369. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from all, except a northwest corner, of Panel Area 12, all, except a southern section, of Panel Area 13, all, except a northeast section of Panel Area 14 and all, except a southern section, of Panel Area 15 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.370. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second and third images were taken (red dot). The second image is a street view image with a northeast view towards Panel Area 12 in the Principal Site. This image confirms that the vegetation is insufficient to screen all views of Panel Area 12 in the Principal Site where glint and glare is possible. The third image is a street view image with a southwest view towards the receptor. This image confirms that the vegetation is sufficient to screen all views of Panel Areas 13, 14 and 15 in the Principal Site where glint and glare is possible. Therefore, the impact reduces to **Low**.

Receptor 76

6.371. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from a southern section of Panel Area 7, all of Panel Area 9,, a southwest corner of Panel Area 11, all of Panel Area 13 and all, except a small southern section, of Panel Area 15 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.372. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). The second image is a street view image with an eastwards view towards the

receptor. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 77

6.373. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from a southern section of Panel Area 7, all of Panel Area 9, all of Panel Area 13 and all of Panel Area 15 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.374. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). The second image is a street view image with an eastwards view towards the receptor. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Receptor 78

6.375. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from all of Panel Area 12 and a southern section of Panel Area 13 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.376. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second, third and fourth images were taken (red dot). The second image is a street view image with an eastwards view towards the receptor. This image confirms that the vegetation is sufficient to screen all views of Panel Area 12 in the Principal Site where glint and glare is possible. The third and fourth images are ground level images a westwards view towards Panel Area 13 in the Principal Site showing the position of the sun at 19:00 UTC on May 25th and at 19:15 UTC on July 1st respectively. However, the impacts occur when the Sun is low in the sky and behind the solar array at the time of glare impacts. Hence, the Sun's reflections will be far greater than those reflections from the solar array, as outlined in **paragraph 4.16**. These images confirm that the sun will be the main source of solar reflection at the receptor. Therefore, the impact reduces to **Low**.

Receptor 79

6.377. The 'Glare Reflections on PV Footprint' chart in **Appendix K – M** shows that reflections from all of Panel Area 12 and a southern section of Panel Area 13 (see **Figure 6: Appendix A**) of the Principal Site can potentially impact on the receptor.

6.378. The first image in **Appendix Q** is an aerial view which shows the location of the receptor (yellow pin) in relation to the Principal Site, and the location from which the second image was taken (red dot). The second image is a street view image with an eastwards view towards the receptor. This image confirms that the vegetation is sufficient to screen all views of the Principal Site where glint and glare is possible. Therefore, the impact reduces to **None**.

Aviation Receptors

6.379. **Appendix N** shows the analysis for a tilt angle of 5 degrees, **Appendix O** shows the analysis for a tilt angle of 45 degrees and **Appendix P** shows the analysis for the tracker panels.

6.380. **Table 6 - 5** shows a summary of the modelling results for each of the runway approach paths and the ATCT's, whilst the detailed results and ocular impact charts can be viewed in **Appendix N, O and P.**

6.381. **Appendix N** shows the analysis for a tilt angle of 5 degrees, **Appendix O** shows the analysis for a tilt angle of 45 degrees and **Appendix P** shows the analysis for the tracker panels.

Table 6 - 5: Summary of Aviation Glare Results

Component	Green Glare (mins)	Yellow Glare (mins)	Red Glare (mins)	Worst Case Tilt Angle (degrees)
RAF Waddington				
Runway 02	0	0	0	N/A
Runway 20	7870	0	0	Tracker
ATCT	1611	0	0	5
Peacocks Farm				
Runway 06	42664	53861	0	5
Runway 24	21460	6082	0	5
South Hykeham Airfield				
Runway 10	11093	15576	0	5
Runway 28	6772	262	0	45
Runway 13	5010	4252	0	Tracker
Runway 31	14696	981	0	45
South Scarle Airfield				
Runway 01	14869	481	0	45
Runway 19	0	0	0	N/A
Blackmoor Farm				
Runway 06	11993	576	0	Tracker

Runway 24	12517	0	0	5

6.382. As can be seen in **Appendix N shows the** analysis for a tilt angle of 5 degrees, **Appendix O** shows the analysis for a tilt angle of 45 degrees and **Appendix P** shows the analysis for the tracker panels.

6.383. **Table 6 - 5** shows there are no Glare impacts for the Runway 28 approach path at South Scarle Airfield or the Runway 03 approach path at RAF Waddington. There is green glare potential for the Runway 24 approach path at Blackmoor Farm and the Runway 20 approach path and ATCT at RAF Waddington. Green glare is an **acceptable impact** upon runways and a **not acceptable impact** upon ATCTs according to FAA guidance. There is yellow glare and green glare potential for the Runway approach paths at Peacocks Farm, South Hykeham Airfield, the Runway 10 approach at South Scarle Airfield and the Runway 06 approach at Blackmoor Farm. Yellow glare is a **not acceptable impact** upon runways according to FAA guidance.

6.384. To determine the actual impact of glare for the ATCT at RAF Waddington, an assessment of the ground elevation between the ATCT and the Principal Site has been undertaken, with ground elevation profiles visible in **Appendix R**.

6.385. It is important to note that these predicted results are the absolute worst-case scenario as the model does not account for variations such as cloud cover. Once cloud cover is considered, the total duration of predicted glare will decrease significantly and as such, will decrease impact further. Additionally, as outlined within the updated policy from the FAA and the CAA's CAP738 document, glare impacts have not been reported to cause pilots more impact than other existing infrastructure, such as; car parks, glass buildings and water bodies. Thus, the FAA have reduced the assessment criteria to only assess glare impacts ATCTs.

6.386. To determine the actual impact of glare for pilots upon approach at Peacocks Farm, South Hykeham Airfield, South Scarle Airfield and Blakmoor Farm, a visibility assessment of where the sun will be located at the time of impact in relation to each array has been undertaken, with these images visible in **Appendix Q**. The approach path to the runways have been drawn as a red line and the field of view of a pilot has been drawn as yellow lines.

RAF Waddington

6.387. As can be seen in **Appendix R**, the ground elevation profile between the air traffic control tower at RAF Waddington and the Principal Site shows a terrain feature approximately 1km from the ATCT which is elevated approximately 10m AOD higher than the ATCT and approximately 35 - 65m AOD higher than the Principal Site. This terrain feature will block all views of the Principal Site from the ATCT at RAF Waddington. Therefore, the impact on the ATCT at RAF Waddington is **None**.

Peacocks Farm

6.388. As can be seen in **Appendix Q**, potential yellow glare impacts occur upon the Runway 06 approach path to Peacocks Farm either early in the morning or when the sun is low in the sky and behind the areas of the Principal Site that have potential glare impacts within a pilot's field of view (FOV). Therefore, the impacts can be deemed **acceptable**.

6.389. As can be seen in **Appendix Q**, potential yellow glare impacts occur upon the Runway 24 approach path to Peacocks Farm either late in the evening or when the sun is low in the sky and behind the areas of the Principal Site that have potential glare impacts within a pilot's field of view (FOV). Therefore, the impacts can be deemed **acceptable**.

South Hykeham Airfield

6.390. As can be seen in **Appendix Q**, potential yellow glare impacts occur upon the Runway 10 approach path to South Hykeham Airfield early in the morning when the sun is low in the sky and behind the areas of the Principal Site that have potential glare impacts within a pilot's field of view (FOV) or mid-morning. By using only the 45 degree tilt angle solar panels in Panel Area 4 and only fixed angle solar panels in Panel Area 5 (see **Figure 6: Appendix A**), the impacts from these solar panel areas reduces to **None**. Therefore, the impacts can be deemed **acceptable.**

6.391. As can be seen in **Appendix Q**, potential yellow glare impacts occur upon the Runway 28 approach path to South Hykeham Airfield when the sun is low in the sky and behind the areas of the Principal Site that have potential glare impacts within a pilot's field of view (FOV). Therefore, the impacts can be deemed **acceptable**.

6.392. As can be seen in **Appendix Q**, potential yellow glare impacts occur upon the Runway 13 approach path to South Scarle Hykeham when the areas of the Principal Site that have potential glare impacts are outside a pilot's field of view (FOV). Therefore, the impacts can be deemed **acceptable**.

6.393. As can be seen in **Appendix Q**, potential yellow glare impacts occur upon the Runway 31 approach path to South Hykeham Airfield late in the evening. Additionally, yellow glare is only predicted to impact the approach path for less than 11 hours per year. Therefore, the impacts can be deemed **acceptable**.

South Scarle Airfield

6.394. As can be seen in **Appendix Q**, potential yellow glare impacts occur upon the Runway 10 approach path to South Scarle Airfield when the sun is low in the sky and behind the areas of the Principal Site that have potential glare impacts within a pilot's field of view (FOV). Therefore, the impacts can be deemed **acceptable**.

Blackmoor Farm

6.395. As can be seen in **Appendix Q**, potential yellow glare impacts occur upon the Runway 06 approach path to Blackmoor Farm early in the morning. Therefore, the impacts can be deemed **acceptable**.

Impact Rating Justification

6.396. As outlined in **paragraph 4.16** the sun's reflections will be far greater than those reflections from the solar array. Pilots on approach are often landing into the sun at sunset or sunrise. The sun's impact can be mitigated by wearing sunglasses, using darkened cockpit sun visors, overflying and inspecting the runway, landing in the opposite direction if wind conditions allow and planning their flight to land outside the times when sun glare if possible. In addition, given the glare impacts which occur at or just after sunrise and the type of aircraft using these airfields, it is unlikely that these aircraft will be setting off early enough to arrive at the times at which glare is predicted to occur for approaches to Runway 06 approach path at Peacocks Farm, Runway 10 at South Scarle Airfield and Runway 06 at Blackmoor Farm. Given the glare impacts which occur at or just before sunset and the type of aircraft using these airfields, it is unlikely that these aircraft will be approaching the unlit grass strips late enough to arrive at the times which glare is predicted to occur for approaches to Runway 24 at Peacocks Farm and Runway 31 at South Hykeham Airfield.

6.397. As outlined in **Section 4**, the UK Government and the FAA do not consider glint and glare impacts from solar farms to result in significant impairment on aircraft safety.

6.398. Overall impacts on Aviation receptors are therefore **Low** and **Not Significant**.

7. GROUND BASED RECEPTOR MITIGATION

7.1. **Mitigation** is required due to the impacts found for the Residential Receptors 97, 101, 102, 122, 148, 155, 157, 159 – 164, Road Receptors 15 – 17, 20, 21, 23, 45, 80, 82 – 84, 93, 98 – 103, 113, 143 – 149, 177, 178 and180 – 185 and Bridleway Receptors 2 – 6, 9 – 11, 14 – 16, 28 – 38, 54 – 62 and 65 – 71 being **High** or **Medium**. Mitigation measures have been included to screen the **Low impact** views from Residential Receptors 21 – 29, 38 – 40, 81, 82, 98, 100, 108, 109, 151, 156 and 196 – 199, Road Receptors 22 and 179 and Bridleway Receptors 8, 12, 13, 17 – 21, 27, 48, 49 and 75. This includes:

- Native hedgerows to be planted/infilled and maintained to a height of at least 3.5m along panel boundaries, field boundaries and bridleway boundaries as shown in the **Figures 7A – 7C**. in the Principal Site. This will screen some views from Residential Receptors 21 – 27, 29, 82, 151, and 196 – 199 and Bridleway Receptors 27 – 29, 45, 46, 48 and 75. Therefore, the impacts will reduce to **Low**. This will screen views from Residential Receptors 28, 38 – 40, 81, 97, 98, 101, 102, 108, 109, 121, 148, 155 – 157 and 162 – 164, Road Receptors 15 – 17, 20 – 24, 45, 80, 82 – 84, 93, 98 – 103, 113, 143 – 149, 177 – 185 and Bridleway Receptors 2 – 6, 8 – 21, 30 – 38, 49, 54 – 62 and 65 - 71. Therefore, the impacts reduce to **None**.

7.2. **Table 7 - 1, Table 7 - 2, Table 7 - 3 and Table 7 - 4** show the impacts at each stage of the glint and glare analysis, with the final residual impacts considered once the mitigation is in place.

Table 7 - 1: Residual Glint and Glare Impacts on Residential Receptors

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility assessment	Residual Impacts
1	None	None	**None**
2	None	None	**None**
3	None	None	**None**
4 (1)	None	None	**None**
5 (1)	Low	None	**None**
6	Low	None	**None**

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility assessment	Residual Impacts
7	Low	None	None
8	Low	None	None
9	Low	None	None
10	Low	None	None
11	Low	None	None
12	None	None	None
13 (2)	Low	Low	Low
14 (2)	Medium	None	None
15 (2)	High	Low	Low
16 (2)	High	Low	Low
17 (2)	High	Low	Low
18 (2)	High	Low	Low
19 (2)	High	Low	Low
20	Low	None	None
21	Medium	Low	Low
22	Medium	Low	Low
23 (3)	High	Low	Low
24 (3)	High	Low	Low
25	Low	Low	Low
26	Medium	Low	Low
27	Medium	Low	Low
28	Low	Low	None
29	High	Low	Low
30	Low	None	None
31	Low	None	None

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility assessment	Residual Impacts
32	Medium	None	None
33	Medium	None	None
34	Medium	None	None
35	None	None	None
36	None	None	None
37	None	None	None
38 (4)	High	Low	None
39 (4)	High	Low	None
40 (4)	High	Low	None
41 (4)	High	Low	None
42	None	None	None
43 (5)	Low	None	None
44 (5)	Low	None	None
45 (5)	Low	None	None
46	Low	None	None
47	Low	None	None
48	Low	None	None
49	Low	None	None
50 (6)	Low	None	None
51 (6)	Low	None	None
52 (7)	Low	Low	Low
53 (7)	Low	None	None
54 (7)	Low	None	None
55 (7)	Low	None	None
56 (7)	Low	None	None

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility assessment	Residual Impacts
57 (7)	Low	None	None
58 (7)	Low	None	None
59 (7)	Medium	None	None
60 (7)	Medium	None	None
61 (7)	Low	None	None
62 (7)	High	None	None
63 (7)	Medium	None	None
64 (7)	High	Low	Low
65 (7)	Medium	Low	Low
66 (7)	Low	Low	Low
67 (7)	Low	Low	Low
68 (8)	Low	None	None
69 (8)	Low	None	None
70 (8)	Low	None	None
71	Low	Low	Low
72	High	None	None
73 (9)	High	None	None
74 (9)	Medium	None	None
75	High	None	None
76	High	None	None
77	High	None	None
78	Low	None	None
79	Low	None	None
80	Low	None	None
81	High	Low	None

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility assessment	Residual Impacts
82	High	Low	Low
83	High	None	None
84	None	None	None
85	None	None	None
86	None	None	None
87 (10)	None	None	None
88 (10)	None	None	None
89 (10)	None	None	None
90 (10)	None	None	None
91 (10)	None	None	None
92 (10)	None	None	None
93 (10)	Low	None	None
94 (10)	Low	None	None
95 (10)	Medium	None	None
96 (10)	High	None	None
97 (10)	Medium	Medium	None
98 (10)	Low	Low	None
99 (10)	Low	None	None
100 (10)	High	Low	None
101 (10)	High	High	None
102 (10)	High	High	None
103 (10)	High	None	None
104 (10)	Low	None	None
105 (10)	None	None	None
106 (10)	Low	None	None

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility assessment	Residual Impacts
107 (10)	Low	None	None
108 (10)	Low	Low	None
109 (10)	None	None	None
110 (10)	Low	None	None
111 (10)	Low	None	None
112 (10)	Low	None	None
113 (10)	Low	None	None
114 (10)	Low	None	None
115 (10)	None	None	None
116 (10)	None	None	None
117 (11)	Low	None	None
118 (11)	Low	None	None
119 (11)	Low	None	None
120 (11)	None	None	None
121	Low	None	None
122	High	High	None
123 (12)	Low	None	None
124 (12)	Low	None	None
125	Low	None	None
126 (13)	None	None	None
127 (13)	None	None	None
128 (13)	None	None	None
129 (13)	None	None	None
130 (13)	None	None	None
131 (13)	None	None	None

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility assessment	Residual Impacts
132	None	None	None
133	None	None	None
134 (14)	None	None	None
135 (14)	Low	None	None
136 (15)	High	Low	None
137 (15)	High	None	None
138 (15)	Medium	None	None
139 (16)	Low	None	None
140 (16)	Low	None	None
141 (16)	Low	None	None
142 (16)	Low	None	None
143 (17)	Low	None	None
144 (17)	Low	None	None
145	Low	Low	None
146	Low	None	None
147	Low	None	None
148	High	High	None
149	Low	None	None
150	Low	None	None
151	Low	Low	Low
152 (18)	Low	None	None
153 (18)	Low	Low	None
154 (18)	Low	None	None
155	Medium	Medium	None
156	Low	Low	None

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility assessment	Residual Impacts
157	High	High	None
158	High	Low	None
159	Low	High	None
160	Low	High	None
161	Low	High	None
162	High	High	None
163	High	High	None
164	High	High	None
165	None	None	None
166	None	None	None
167	None	None	None
168	None	None	None
169 (19)	Low	None	None
170 (19)	None	None	None
171 (19)	Low	None	None
172 (19)	Low	None	None
173 (19)	Low	None	None
174 (19)	None	None	None
175 (19)	None	None	None
176 (19)	None	None	None
177 (19)	None	None	None
178 (19)	Low	None	None
179 (19)	Low	None	None
180 (19)	Low	None	None
181 (19)	Low	None	None

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility assessment	Residual Impacts
182 (19)	Low	None	None
183 (19)	Low	Low	Low
184 (19)	Low	Low	Low
185 (19)	Low	Low	Low
186 (19)	Low	None	None
187 (19)	Low	Low	Low
188 (19)	Medium	Low	Low
189 (19)	Low	Low	Low
190 (19)	Low	Low	Low
191 (19)	Low	None	None
192 (19)	Low	None	None
193	Low	None	None
194 (20)	Low	None	None
195 (20)	Low	None	None
196 (21)	Medium	Low	Low
197 (21)	Low	Low	Low
198 (21)	Medium	Low	Low
199 (21)	Medium	Low	Low
200 (21)	None	None	None
201 (21)	None	None	None
202 (21)	Medium	None	None
203 (21)	Low	None	None

Table 7 - 2: Residual Glint and Glare Impacts on Road Receptors

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility assessment	Residual Impacts
1	Low	None	None
2	Low	None	None
3	Low	None	None
4	Low	None	None
5	Low	None	None
6	Low	None	None
7	High	None	None
8	High	None	None
9	High	None	None
10	High	None	None
11	High	None	None
12	High	None	None
13	High	High	None
14	High	High	None
15	High	High	None
16	High	High	None
17	High	High	None
18	High	None	None
19	High	None	None
20	High	High	None
21	High	High	None
22	High	Low	None
23	High	High	None
24	High	Low	None

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility assessment	Residual Impacts
25	Low	None	None
26	Low	None	None
27	Low	None	None
28	High	None	None
29	Low	None	None
30	High	None	None
31	High	None	None
32	High	None	None
33	High	None	None
34	High	None	None
35	High	None	None
36	High	None	None
37	Low	None	None
38	High	None	None
39	High	None	None
40	High	None	None
41	High	None	None
42	High	None	None
43	High	None	None
44	High	None	None
45	High	High	None
46	High	None	None
47	High	None	None
48	High	None	None
49	High	None	None

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility assessment	Residual Impacts
50	Low	None	None
51	Low	None	None
52	Low	None	None
53	Low	None	None
54	Low	None	None
55	Low	None	None
56	Low	None	None
57	Low	None	None
58	High	None	None
59	High	None	None
60	Low	None	None
61	High	None	None
62	High	None	None
63	High	None	None
64	Low	None	None
65	High	None	None
66	High	None	None
67	High	None	None
68	High	None	None
69	High	None	None
70	High	None	None
71	High	None	None
72	Low	None	None
73	High	None	None
74	High	None	None

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility assessment	Residual Impacts
75	High	None	None
76	High	None	None
77	High	None	None
78	High	None	None
79	High	None	None
80	High	High	None
81	High	None	None
82	High	High	None
83	High	High	None
84	High	High	None
85	High	None	None
86	High	None	None
87	High	None	None
88	High	None	None
89	High	None	None
90	High	None	None
91	High	None	None
92	High	None	None
93	High	High	None
94	High	None	None
95	High	None	None
96	High	None	None
97	High	None	None
98	High	High	None
99	High	High	None

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility assessment	Residual Impacts
100	High	High	None
101	High	High	None
102	High	High	None
103	High	High	None
104	High	None	None
105	Low	None	None
106	Low	None	None
107	Low	None	None
108	Low	None	None
109	Low	None	None
110	Low	None	None
111	Low	None	None
112	High	None	None
113	High	High	None
114	High	None	None
115	High	None	None
116	High	None	None
117	Low	None	None
118	Low	None	None
119	High	None	None
120	High	None	None
121	High	None	None
122	High	None	None
123	High	None	None
124	High	None	None

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility assessment	Residual Impacts
125	Low	None	None
126	High	None	None
127	High	None	None
128	High	None	None
129	High	None	None
130	High	None	None
131	High	None	None
132	High	None	None
133	High	None	None
134	High	None	None
135	High	None	None
136	Low	None	None
137	Low	None	None
138	Low	None	None
139	Low	None	None
140	Low	None	None
141	Low	None	None
142	High	None	None
143	High	High	None
144	High	High	None
145	High	High	None
146	High	High	None
147	High	High	None
148	High	High	None
149	High	High	None

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility assessment	Residual Impacts
150	High	None	None
151	High	None	None
152	High	None	None
153	High	None	None
154	High	None	None
155	Low	None	None
156	Low	None	None
157	Low	None	None
158	High	None	None
159	High	None	None
160	High	None	None
161	High	None	None
162	High	None	None
163	Low	None	None
164	Low	None	None
165	Low	None	None
166	Low	None	None
167	Low	None	None
168	Low	None	None
169	Low	None	None
170	Low	None	None
171	Low	None	None
172	Low	None	None
173	Low	None	None
174	Low	None	None

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility assessment	Residual Impacts
175	Low	None	None
176	High	None	None
177	High	High	None
178	High	High	None
179	High	Low	None
180	High	High	None
181	High	High	None
182	High	High	None
183	High	High	None
184	High	High	None
185	High	High	None
186	High	None	None
187	High	None	None
188	High	None	None
189	High	None	None
190	High	None	None
191	High	None	None
192	High	None	None
193	High	None	None
194	High	None	None
195	High	None	None
196	None	None	None
197	Low	None	None
198	High	None	None
199	High	None	None

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility assessment	Residual Impacts
200	High	None	None
201	High	None	None
202	High	None	None
203	High	None	None
204	High	None	None
205	Low	None	None
206	Low	None	None
207	Low	None	None
208	Low	None	None
209	Low	None	None
210	High	None	None
211	High	None	None
212	High	None	None
213	High	None	None
214	High	None	None
215	High	None	None
216	High	None	None
217	High	None	None

Table 7 - 3: Residual Glint and Glare Impacts on Rail Receptors

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility assessment	Residual Impacts
1	High	None	None
2	High	None	None
3	High	None	None

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility assessment	Residual Impacts
4	High	None	None
5	High	None	None
6	Low	None	None
7	Low	None	None
8	Low	None	None
9	Low	None	None
10	Low	None	None
11	Low	None	None
12	Low	None	None
13	Low	None	None

Table 7 - 4: Residual Glint and Glare Impacts on Bridleway Receptors

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility assessment	Residual Impacts
1	High	None	None
2	High	High	None
3	High	High	None
4	High	High	None
5	High	High	None
6	High	High	None
7	High	None	None
8	High	Low	None
9	High	High	None
10	High	High	None
11	High	High	None

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility assessment	Residual Impacts
12	High	Low	None
13	High	Low	None
14	High	High	None
15	High	High	None
16	High	High	None
17	High	Low	None
18	High	Low	None
19	High	Low	None
20	High	Low	None
21	High	Low	None
22	High	Low	Low
23	Low	Low	Low
24	Low	Low	Low
25	High	Low	Low
26	High	Low	None
27	High	High	Low
28	High	High	Low
29	High	High	Low
30	High	High	None
31	High	High	None
32	High	High	None
33	High	High	None
34	High	High	None
35	High	High	None
36	High	High	None

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility assessment	Residual Impacts
37	High	High	None
38	High	High	None
39	High	Low	Low
40	High	None	Low
41	Low	None	None
42	Low	None	None
43	Low	None	None
44	Low	None	None
45	High	Low	Low
46	High	Low	Low
47	Low	None	None
48	High	Low	Low
49	High	Low	None
50	High	Low	Low
51	Low	None	None
52	Low	None	None
53	Low	None	None
54	High	High	None
55	High	High	None
56	High	High	None
57	High	High	None
58	High	High	None
59	High	High	None
60	High	High	None
61	High	High	None

Receptor	Magnitude of Impact		
	After Geometric Analysis	After Visibility assessment	Residual Impacts
62	High	High	None
63	High	None	None
64	High	None	None
65	High	High	None
66	High	High	None
67	High	High	None
68	High	High	None
69	High	High	None
70	High	High	None
71	High	High	None
72	High	None	None
73	High	None	None
74	High	None	None
75	High	Low	Low
76	Low	None	None
77	Low	None	None
78	High	None	None
79	High	None	None

7.3. Table 7 - 5, Table 7 - 6, Table 7 - 7 and

7.4.

7.5.

7.6.

7.7.

7.8. Table 7 - 8 show the overall impacts for all residential, road and rail receptors.

Table 7 - 5: Solar Reflection: Residential Receptors

Magnitude	Theoretical Visibility	Actual Visibility (No Mitigation)	Actual Visibility with Mitigation
High	36	11	0
Medium	22	2	0
Low	102	47	33
None	43	143	170

- **High –** Solar reflections impacts of over 30 hours per year or over 30 minutes per day
- **Medium -** Solar reflections impacts between 20 and 30 hours per year or between 20 minutes and 30 minutes per day
- **Low -** Solar reflections impacts between 0 and 20 hours per year or between 0 minutes and 20 minutes per day
- **None -** Effects not geometrically possible or no visibility of reflective surfaces likely due to high levels of intervening screening

Table 7 - 6: Solar Reflection: Road Receptors

Magnitude	Theoretical Visibility	Actual Visibility (No Mitigation)	Actual Visibility with Mitigation
High	156	31	0
Low	60	3	2
None	1	183	215

- **High -** Solar reflections impacts with yellow glare (potential for after-image).
- **Low -** Solar reflections impacts with only green glare (low potential for after-image)
- **None -** Effects not geometrically possible or no visibility of reflective surfaces likely due to high levels of intervening screening or being outside the drivers field of view

Table 7 - 7: Solar Reflection: Rail Receptors

Magnitude	Theoretical Visibility	Actual Visibility (No Mitigation)	Actual Visibility with Mitigation
High	5	0	0
Low	8	0	0
None	0	13	13

- **High -** Solar reflections impacts with yellow glare (potential for after-image).
- **Low -** Solar reflections impacts with only green glare (low potential for after-image)
- **None -** Effects not geometrically possible or no visibility of reflective surfaces likely due to high levels of intervening screening or being outside the drivers field of view

Table 7 - 8: Solar Reflection: Bridleway Receptors

Magnitude	Theoretical Visibility	Actual Visibility (No Mitigation)	Actual Visibility with Mitigation
High	67	39	0
Low	12	20	14
None	0	20	65

- **High -** Solar reflections impacts with yellow glare (potential for after-image).
- **Low -** Solar reflections impacts with only green glare (low potential for after-image)
- **None -** Effects not geometrically possible or no visibility of reflective surfaces likely due to high levels of intervening screening or being outside the drivers field of view

8. SUMMARY

8.1. This assessment considers the potential impacts on ground-based receptors such as roads, rail and residential dwellings as well as aviation assets. A 1km study area around the Principal Site is considered adequate for the assessment of ground-based (residential, road, rail and bridleway) receptors, whilst a 30km study area is chosen for aviation receptors. Within the ground-based study areas of the Principal Site, there are 213 residential receptors, including 25 residential areas, 243 road receptors, 20 rail receptors and 82 bridleway receptors that were considered. As per the methodology section, where there are several residential receptors within close proximity, a representative dwelling or dwellings is/are chosen for full assessment as the impacts will not vary to any significant degree. Where small groups of receptors have been evident, the receptors on either end of the group have been assessed in detail. 10 residential receptors, including four residential areas, 26 road receptors, seven rail receptors and three bridleway receptors were dismissed as they are located within the no reflection zones (see paragraph 5.1 – 5.3). 35 aerodromes are located within the 30km study area; five of which, RAF Waddington, Peacocks Farm, South Hykeham Airfield, South Scarle Airfield and Blackmoor Farm required detailed assessments as the Principal Site is located within their respective safeguarding buffer zones. The other 30 aerodromes did not require a detailed assessment due to their size and/or orientation in relation to the Principal Site.

8.2. Geometric analysis was conducted at 203 individual residential receptors, including 21 residential areas, 217 road receptors, 13 rail receptors and 79 bridleway receptors. Also, geometric analysis was conducted at 12 runway approach paths and one Air Traffic Control Towers (ATCT) RAF Waddington, Peacocks Farm, South Hykeham Airfield, South Scarle Airfield and Blackmoor Farm.

8.3. The assessment concludes that:

- Solar reflections are possible at 160 of the 203 residential receptors assessed within the 1km study area. The initial bald-earth scenario identified potential impacts as **High** at 36 receptors, including seven residential areas, **Medium** at 22 receptors, including two residential areas, **Low** at 102 receptors, including 11 residential areas, and **None** at the remaining 43 receptors, including one residential area. Upon reviewing the actual visibility of the receptors, impacts remain **High** at 11 receptors and **Medium** at two

receptors and reduce to **Low** at 47 receptors and to **None** at all remaining receptors. Once mitigation measures were considered, impacts reduce to **Low** at 33 receptors and to **None** at all remaining receptors. Therefore, overall impacts on residential receptors are considered to be **Low**.

- Solar reflections are possible at 217 of the 217 road receptors assessed within the 1km study area. The initial bald-earth scenario identified potential impacts as **High** at 156 receptors and **Low** at 60 receptors. Upon reviewing the actual visibility of the receptors, glint and glare impacts remain **High** at 31 receptors and reduce to **Low** at three receptors and **None** for all remaining road receptors. Once mitigation measures were considered, impacts reduce to **Low** at two receptors and to **None** at all remaining receptors. Therefore, overall impacts are considered to be **Low**.

- Solar reflections are possible at all of the 13 rail receptors assessed within the 1km study area. The initial bald-earth scenario identified potential impacts as **High** at five receptors and **Low** at eight receptors. Upon reviewing the actual visibility of the receptors, glint and glare impacts reduce to **None** for all rail receptors. Therefore, overall impacts on rail receptors are considered to be **None**.

- Solar reflections are possible at all of the 79 bridleway receptors assessed within the 1km study area. The initial bald-earth scenario identified potential impacts as **High** at 67 receptors and **Low** at 12 receptors. Upon reviewing the actual visibility of the receptors, glint and glare impacts remain **High** at 39 receptors and reduce to **Low** at 20 receptors and to **None** at 20 receptors. Once mitigation measures were considered, impacts reduce to **Low** at 14 receptors and to **None** at all remaining receptors. Therefore, overall impacts on bridleway receptors are considered to be **Low**.

- 12 runway approach paths and two ATCTs were assessed in detail at RAF Waddington, Peacocks Farm, South Hykeham Airfield, South Scarle Airfield and Blackmoor Farm. Only green glare impacts were predicted for the Runway 20 approach path and ATCT at RAF Waddington and the Runway 24 approach path at Blackmoor Farm. Green glare and yellow glare impacts were predicted for the Runway 08 and 24 approach paths at Peacocks Farm, the Runway 10, 28, 13 and 31 approach paths at South Hykeham Airfield, the Runway 10 approach path at South Scarle Airfield and the Runway 06 Approach Path at Blackmoor Farm. Green glare is an **acceptable impact** upon runways according to FAA guidance. Upon reviewing the ground elevation profile between the ATCT at RAF Waddington and the Principal Site, the impacts upon the ATCT reduce to **None**. Upon

inspection of the type of aircraft using Peacocks Farm, South Hykeham Airfield and Blackmoor Farm, time of impact, position of the sun and use of existing pilot mitigation strategies when landing in the direction of the sun, as well as the current UK and US guidance, all impacts at Peacocks Farm, South Hykeham Airfield, South Scarle Airfield and Blackmoor Farm can be deemed **acceptable**. Overall impacts on aviation assets are **acceptable** and **Not Significant**.

8.4. **Mitigation** is required due to the impacts found for Residential Receptors 97, 101, 102, 122, 148, 155, 157, 159 – 164, Road Receptors 15 – 17, 20, 21, 23, 45, 80, 82 – 84, 93, 98 – 103, 113, 143 – 149, 177, 178 and180 – 185 and Bridleway Receptors 2 – 6, 9 – 11, 14 – 16, 28 – 38, 54 – 62 and 65 – 71 being **High** or **Medium**. Mitigation measures have been included to screen the **Low impact** views from Residential Receptors 21 – 29, 38 – 40, 81, 82, 98, 100, 108, 109, 151, 156 and 196 – 199, Road Receptors 22 and 179 and Bridleway Receptors 8, 12, 13, 17 – 21, 27, 48, 49 and 75. This includes native hedgerows to be planted/infilled and maintained to a height of 3.5m along panel boundaries, field boundaries and bridleway boundaries as shown in the G&G Mitigation Planting figures.

8.5. The effects of glint and glare and their impact on local receptors has been analysed in detail and there is predicted to be **Low** impacts at nine runway approach paths, whilst the remaining aviation receptors are predicted to have **No Impacts**. Impacts upon ground-based receptors are predicted to be **Low** or **None.** Therefore, overall impacts are **Not Significant**.

9. APPENDICES

APPENDIX A: FIGURES

- Figure 1A: Residential Receptor Map Overall
- Figure 1B: Residential Receptor Map Sheet 1B
- Figure 1C: Residential Receptor Map Sheet 1C
- Figure 2A: Road Receptor Map
- Figure 2B: Road Receptor Map Sheet 2B
- Figure 2C: Road Receptor Map Sheet 2C
- Figure 3: Rail receptor Map
- Figure 4A: Bridleway Receptor Map
- Figure 4B: Bridleway Receptor Map Sheet 4B
- Figure 4C: Bridleway Receptor Map Sheet 4C
- Figure 5: Site Layout
- Figure 6: Panel Area Labels
- Figure 7A: G&G Mitigation Planting
- Figure 7B: G&G Mitigation Planting Sheet 7B
- Figure 7C: G&G Mitigation Planting Sheet 7C
- Figure 8: RAF Waddington Aerodrome Chart

APPENDIX BA: RESIDENTIAL RECEPTOR GLARE RESULTS GROUP A (RECEPTORS 1 – 80) (5 DEGREES)

APPENDIX BB: RESIDENTIAL RECEPTOR GLARE RESULTS GROUP B (RECEPTORS 81 - 157) (5 DEGREES)

APPENDIX BC: RESIDENTIAL RECEPTOR GLARE RESULTS GROUP C (RECEPTORS 158 - 200) (5 DEGREES)

APPENDIX CA: RESIDENTIAL RECEPTOR GLARE RESULTS GROUP A (RECEPTORS 1 – 80) (45 DEGREES)

APPENDIX CB: RESIDENTIAL RECEPTOR GLARE RESULTS GROUP B (RECEPTORS 81 - 157) (45 DEGREES)

APPENDIX CC: RESIDENTIAL RECEPTOR GLARE RESULTS GROUP C (RECEPTORS 158 - 200) (45)

APPENDIX DA: RESIDENTIAL RECEPTOR GLARE RESULTS GROUP A (RECEPTORS 1 – 80) (TRACKER)

APPENDIX DB: RESIDENTIAL RECEPTOR GLARE RESULTS GROUP B (RECEPTORS 81 - 157) (TRACKER)

APPENDIX DC: RESIDENTIAL RECEPTOR GLARE RESULTS GROUP C (RECEPTORS 158 - 200) (TRACKER)

APPENDIX EA: ROAD RECEPTOR GLARE RESULTS GROUP A (RECEPTORS 1 – 79) (5 DEGREES)

APPENDIX EB: ROAD RECEPTOR GLARE RESULTS GROUP B (RECEPTORS 80 – 151) (5 DEGREES)

APPENDIX EC: ROAD RECEPTOR GLARE RESULTS GROUP C (RECEPTORS 152 – 215) (5 DEGREES)

APPENDIX FA: ROAD RECEPTOR GLARE RESULTS GROUP A (RECEPTORS 1 – 79) (45 DEGREES)

APPENDIX FB: ROAD RECEPTOR GLARE RESULTS GROUP B (RECEPTORS 80 – 151) (45 DEGREES)

APPENDIX FC: ROAD RECEPTOR GLARE RESULTS GROUP C (RECEPTORS 152 – 215) (45 DEGREES)

APPENDIX GA: ROAD RECEPTOR GLARE RESULTS GROUP A (RECEPTORS 1 – 79) (TRACKER)

APPENDIX GB: ROAD RECEPTOR GLARE RESULTS GROUP B (RECEPTORS 80 – 151) (TRACKER)

APPENDIX GC: ROAD RECEPTOR GLARE RESULTS GROUP C (RECEPTORS 152 – 215) (TRACKER)

APPENDIX G: ROAD RECEPTOR GLARE RESULTS (35 DEGREES)

APPENDIX H: RAIL RECEPTOR GLARE RESULTS (5 DEGREES)

APPENDIX I: RAIL RECEPTOR GLARE RESULTS (45 DEGREES)

APPENDIX J: RAIL RECEPTOR GLARE RESULTS (TRACKER)

APPENDIX K: BRIDLEWAY RECEPTOR GLARE RESULTS (5 DEGREES)

APPENDIX L: BRIDLEWAY RECEPTOR GLARE RESULTS (45 DEGREES)

APPENDIX M: BRIDLEWAY RECEPTOR GLARE RESULTS (TRACKER)

APPENDIX N: AVIATION RECEPTOR GLARE RESULTS (5 DEGREES)

APPENDIX O: AVIATION RECEPTOR GLARE RESULTS (45 DEGREES)

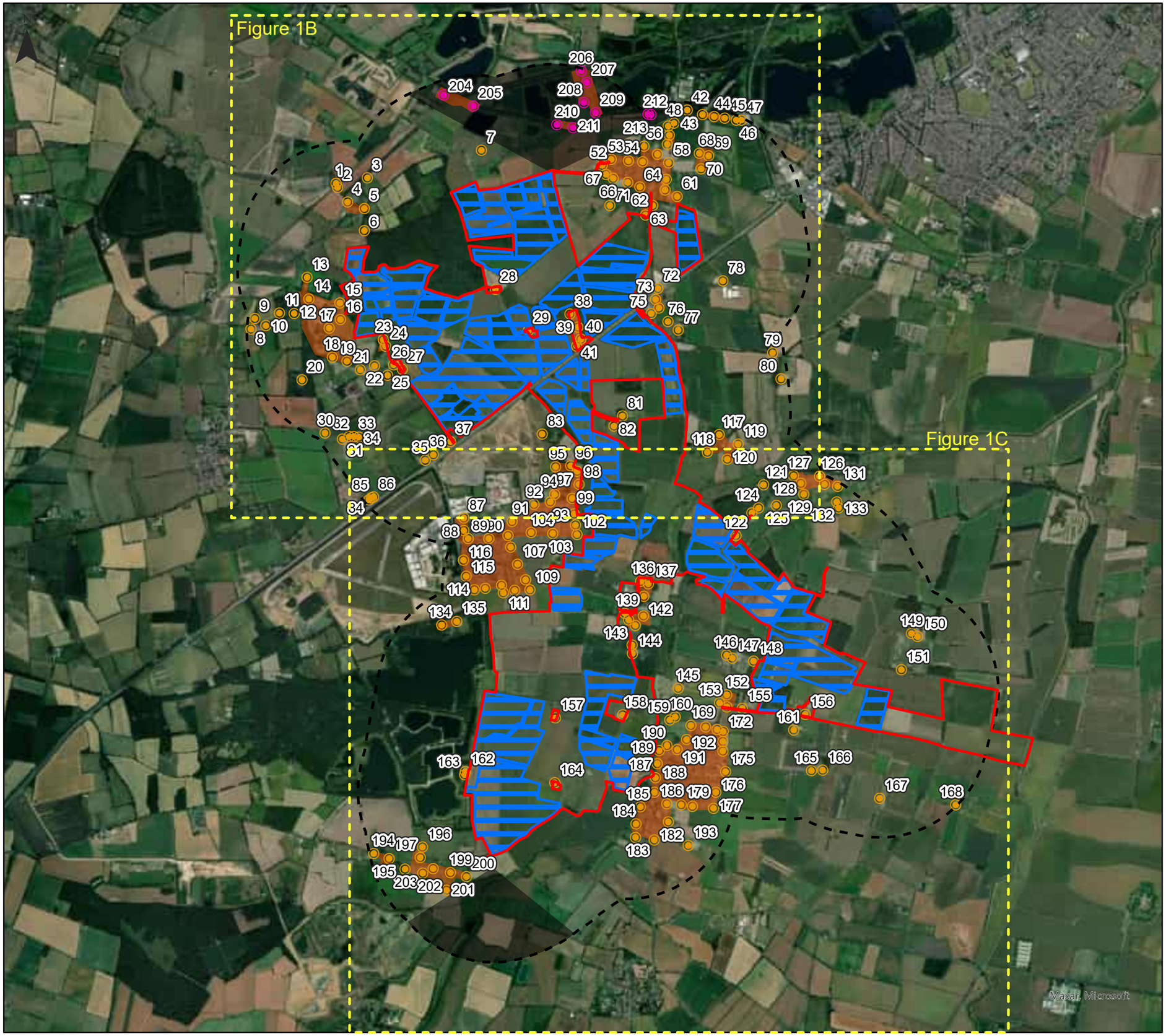
APPENDIX P: AVIATION RECEPTOR GLARE RESULTS (TRACKER)

APPENDIX Q: VISIBILITY ASSESSMENT EVIDENCE

APPENDIX R: GROUND ELEVATION PROFILE

APPENDIX S: SOLAR MODULE GLARE AND REFLECTANCE TECHNICAL MEMO

Fosse Green Solar Farm
Residential Based Receptors
Figure 1A



0 0.75 1.5 3 Kilometers

Key

- Development Boundary
- Panel Boundary
- 1km Study Area
- Glare Not Possible at Receptor
- Glare Possible at Receptor
- Residential Area
- Non-Reflection Zone

Neo Office Address:
Wright Business Centre, 1 Lonmay Road, Glasgow, G33 4EL

Date: 17/10/2024
Drawn By: David Thomson
Scale (A3): 1:35,000
Drawing No: NEO01357/001I/C

neo ENVIRONMENTAL

Fosse Green Solar Farm
Residential Based Receptors
Figure 1B

Key

- Development Boundary
- Panel Boundary
- 1km Study Area
- Glare Not Possible at Receptor
- Glare Possible at Receptor
- Residential Area
- Non-Reflection Zone

0 0.25 0.5 1 Kilometers

Neo Office Address:
Wright Business Centre, 1 Lonmay Road, Glasgow, G33 4EL

Date: 17/10/2024
Drawn By: David Thomson
Scale (A3): 1:17,500
Drawing No: NEO01357/002I/C

neo ENVIRONMENTAL

Fosse Green Solar Farm
Residential Based Receptors
Figure 1C

Key

- Development Boundary
- Panel Boundary
- 1km Study Area
- Glare Not Possible at Receptor
- Glare Possible at Receptor
- Residential Area
- Non-Reflection Zone

0 0.25 0.5 1 Kilometers

Neo Office Address:
Wright Business Centre, 1 Lonmay Road, Glasgow, G33 4EL

Date: 17/10/2024
Drawn By: David Thomson
Scale (A3): 1:21,000
Drawing No: NEO01357/003I/C

neo ENVIRONMENTAL

Fosse Green Solar Farm
Road Based Receptors
Figure 2A

Figure 2B

Figure 2C

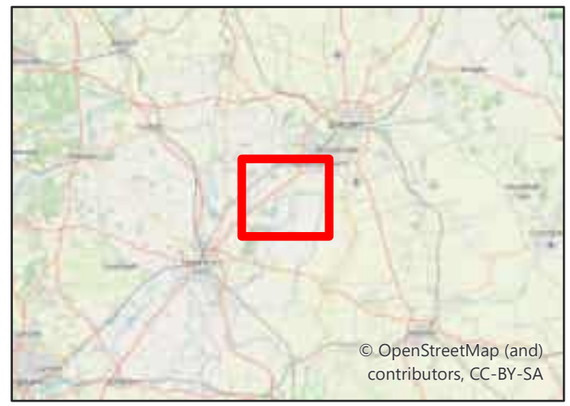
Key

- Development Boundary
- Panel Boundary
- 1km Study Area
- Glare Not Possible at Receptor
- Glare Possible at Receptor
- Non-Reflection Zone

0 0.75 1.5 3 Kilometers

Maxar, Microsoft

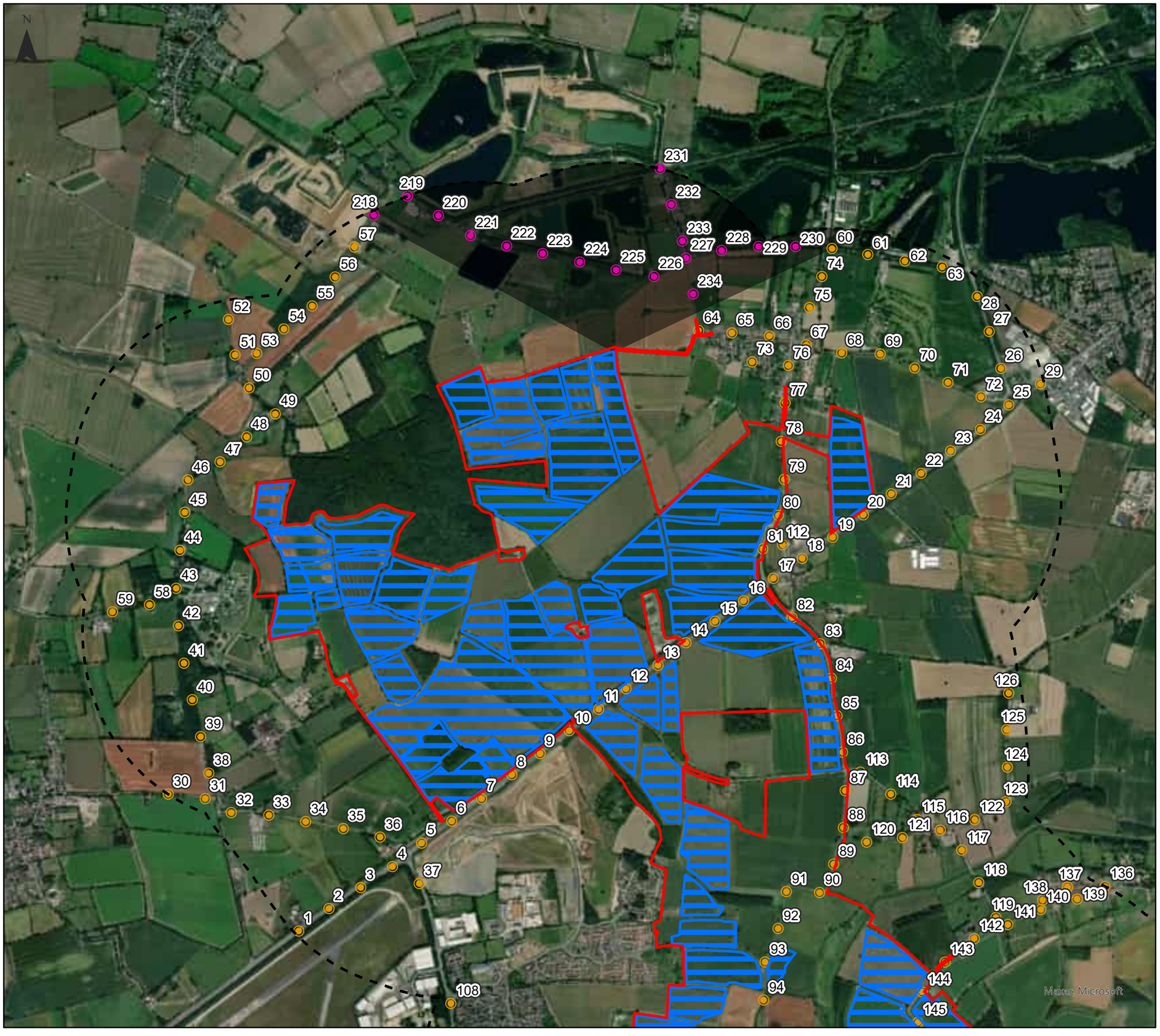
Neo Office Address:
Wright Business Centre, 1 Lonmay Road, Glasgow, G33 4EL



Date: 17/10/2024
Drawn By: David Thomson
Scale (A3): 1:35,000
Drawing No: NEO01357/004I/C

neo ENVIRONMENTAL

Fosse Green Solar Farm
Road Based Receptors
Figure 2B

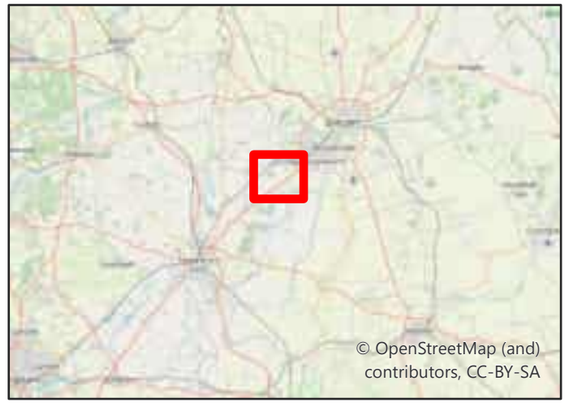


0 0.5 1 2 Kilometers

Key

- Development Boundary
- Panel Boundary
- 1km Study Area
- Glare Not Possible at Receptor
- Glare Possible at Receptor
- Non-Reflection Zone

Neo Office Address:
Wright Business Centre, 1 Lonmay Road, Glasgow, G33 4EL



Date: 17/10/2024
Drawn By: David Thomson
Scale (A3): 1:20,000
Drawing No: NEO01357/005I/C

neo ENVIRONMENTAL

Fosse Green Solar Farm
Road Based Receptors
Figure 2C

Key

- Development Boundary
- Panel Boundary
- 1km Study Area
- Glare Not Possible at Receptor
- Glare Possible at Receptor
- Non-Reflection Zone

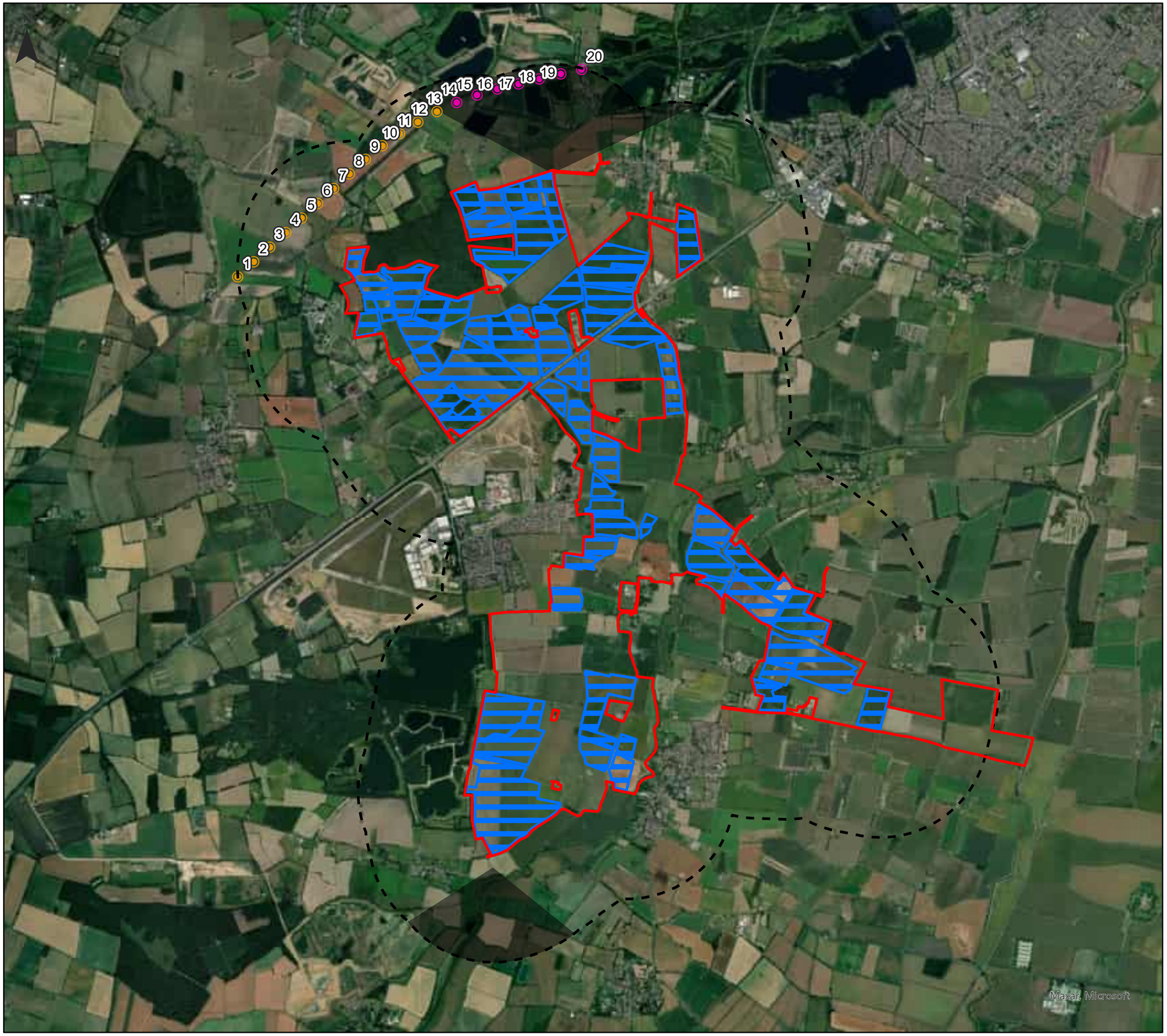
0 0.5 1 2 Kilometers

Neo Office Address:
Wright Business Centre, 1 Lonmay Road, Glasgow, G33 4EL

Date: 17/10/2024
Drawn By: David Thomson
Scale (A3): 1:20,000
Drawing No: NEO01357/006I/C

ENVIRONMENTAL

Fosse Green Solar Farm
Rail Based Receptors
Figure 3



0 0.75 1.5 3 Kilometers

Key

- Development Boundary
- Panel Boundary
- 1km Study Area
- Glare Not Possible at Receptor
- Glare Possible at Receptor
- Non-Reflection Zone

Neo Office Address:
Wright Business Centre, 1 Lonmay Road, Glasgow, G33 4EL

Date: 17/10/2024
Drawn By: David Thomson
Scale (A3): 1:35,000
Drawing No: NEO01357/011I/C

NEO ENVIRONMENTAL

Fosse Green Solar Farm
Bridleway Based Receptors
Figure 4A

Figure 4B

Figure 4C

Key

- Development Boundary
- Panel Boundary
- 1km Study Area
- Glare Not Possible at Receptor
- Glare Possible at Receptor
- Non-Reflection Zone

0 0.75 1.5 3 Kilometers

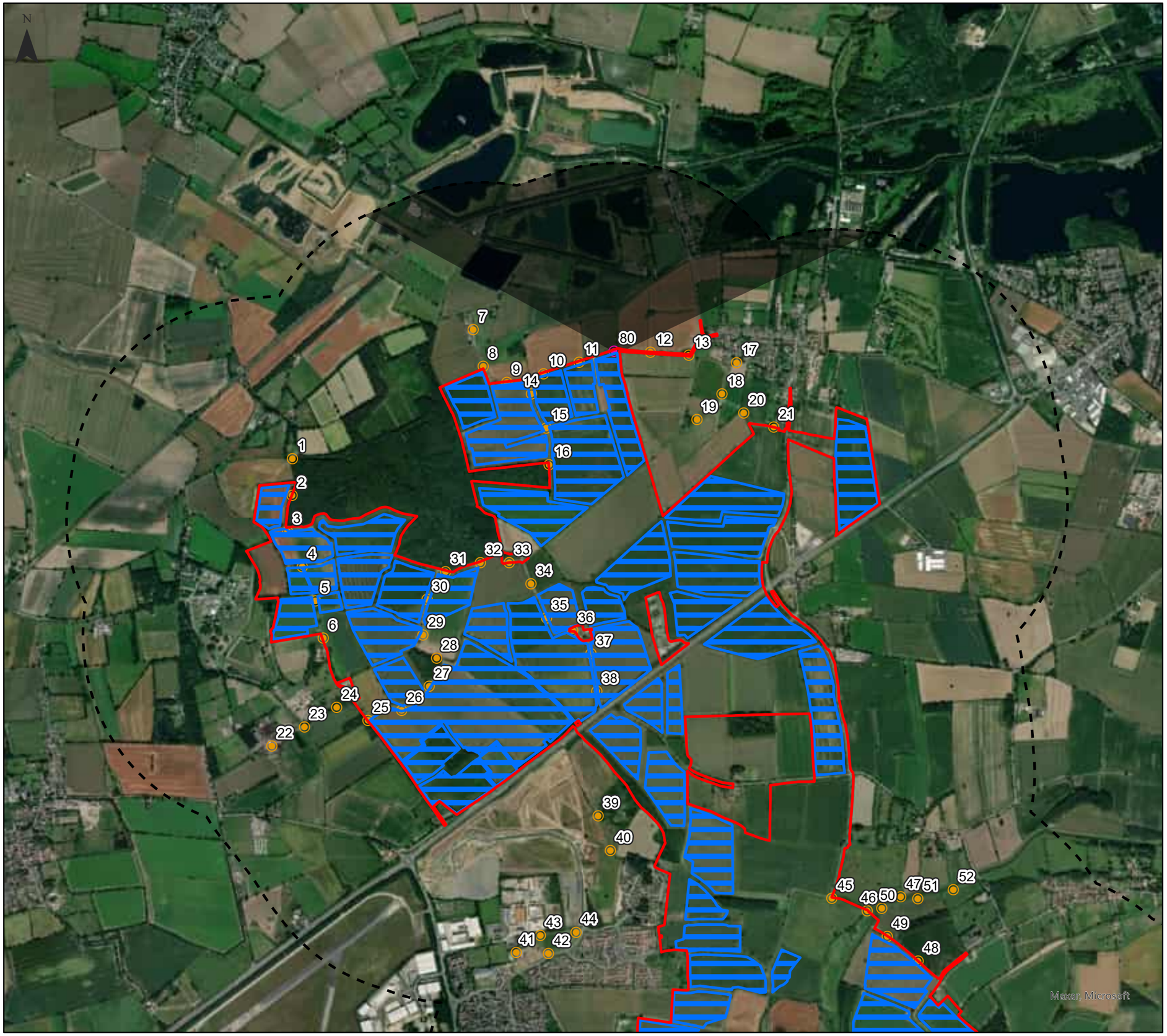
Maxar, Microsoft

Neo Office Address:
Wright Business Centre, 1 Lonmay Road, Glasgow, G33 4EL

Date: 17/10/2024
Drawn By: David Thomson
Scale (A3): 1:35,000
Drawing No: NEO01357/008I/C

ENVIRONMENTAL

Fosse Green Solar Farm
Bridleway Based Receptors
Figure 4B



Key

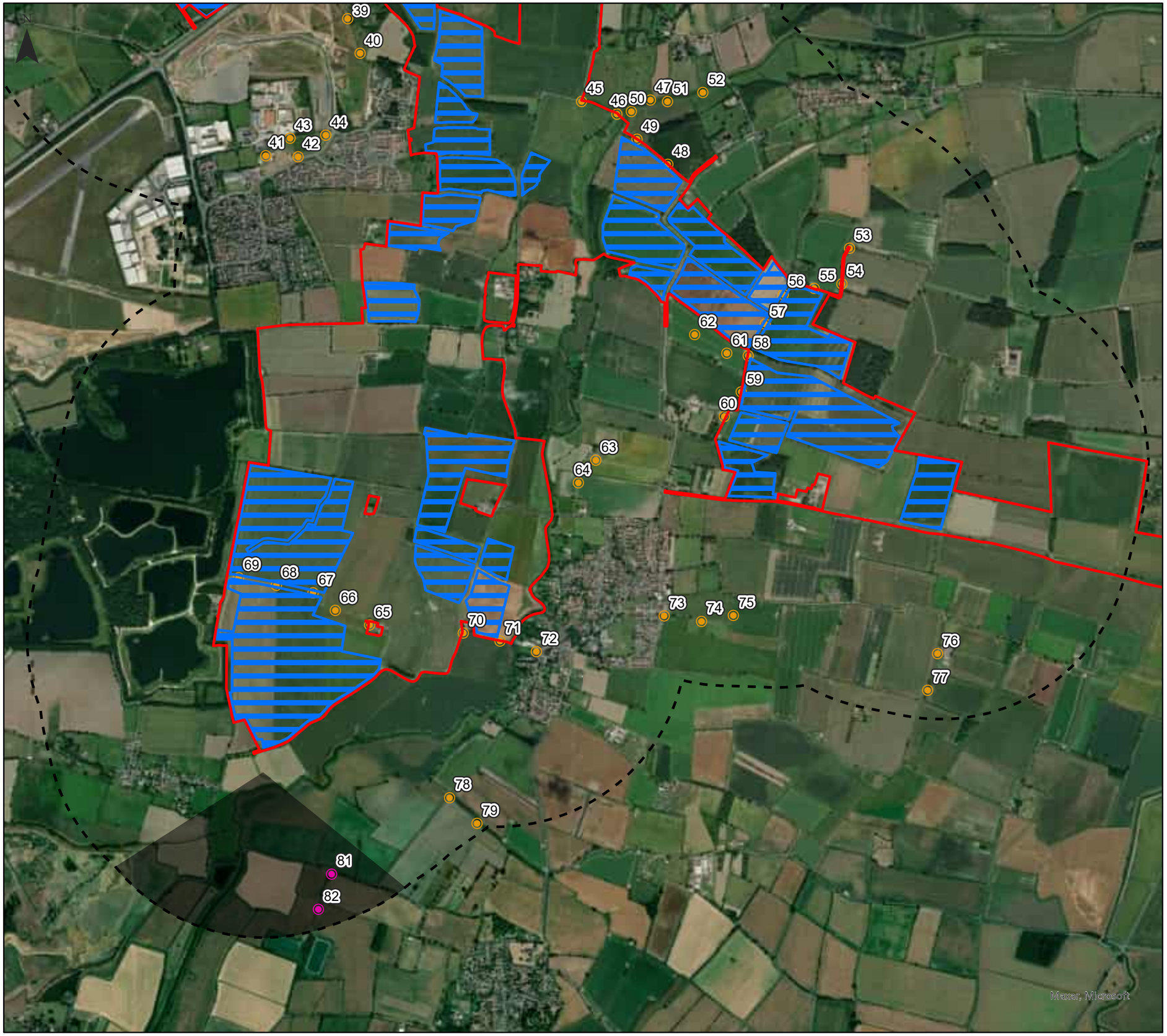
- Development Boundary
- Panel Boundary
- 1km Study Area
- Glare Not Possible at Receptor
- Glare Possible at Receptor
- Non-Reflection Zone

Neo Office Address:
Wright Business Centre, 1 Lonmay Road, Glasgow, G33 4EL

Date: 17/10/2024
Drawn By: David Thomson
Scale (A3): 1:20,000
Drawing No: NEO01357/009I/C

neo ENVIRONMENTAL

Fosse Green Solar Farm
Bridleway Based Receptors
Figure 4C



0 0.5 1 2 Kilometers

Key

- Development Boundary
- Panel Boundary
- 1km Study Area
- Glare Not Possible at Receptor
- Glare Possible at Receptor
- Non-Reflection Zone

Neo Office Address:
Wright Business Centre, 1 Lonmay Road, Glasgow, G33 4EL

Date: 17/10/2024
Drawn By: David Thomson
Scale (A3): 1:20,000
Drawing No: NEO01357/010I/C

neo ENVIRONMENTAL

Fosse Green Solar Farm
Panel Area Labels
Figure 6

Key

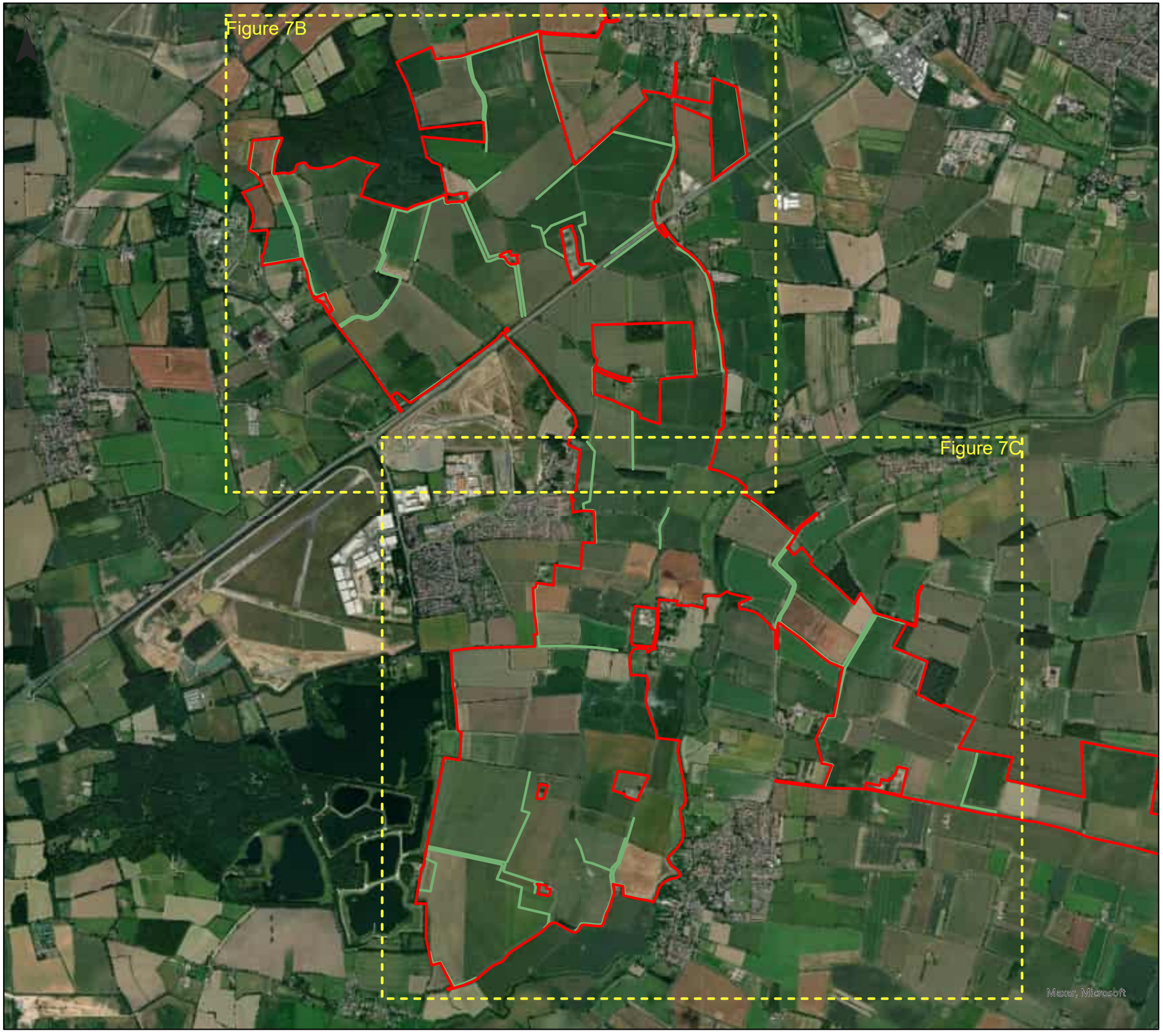
- Development Boundary
- Panel Area Label
- Panel Area

Neo Office Address:
Wright Business Centre, 1 Lonmay Road, Glasgow, G33 4EL

Date: 17/10/2024
Drawn By: David Thomson
Scale (A3): 1:25,000
Drawing No: NEO01357/012I/C

ENVIRONMENTAL

Fosse Green Solar Farm
G&G Mitigation Planting
Figure 7A

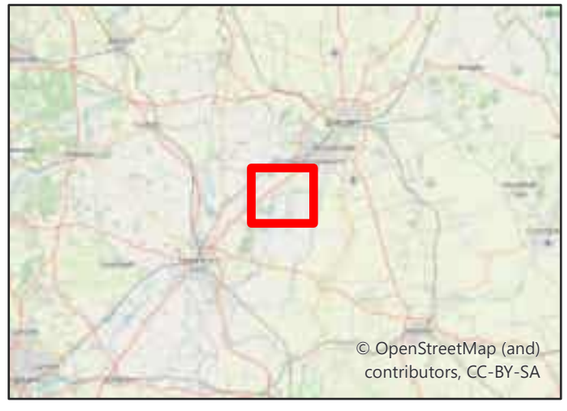


Key

- Development Boundary
- G&G Mitigation Planting

0 0.5 1 2 Kilometers

Neo Office Address:
Wright Business Centre, 1 Lonmay Road, Glasgow, G33 4EL



Date: 17/10/2024
Drawn By: David Thomson
Scale (A3): 1:25,000
Drawing No: NEO01357/013I/C

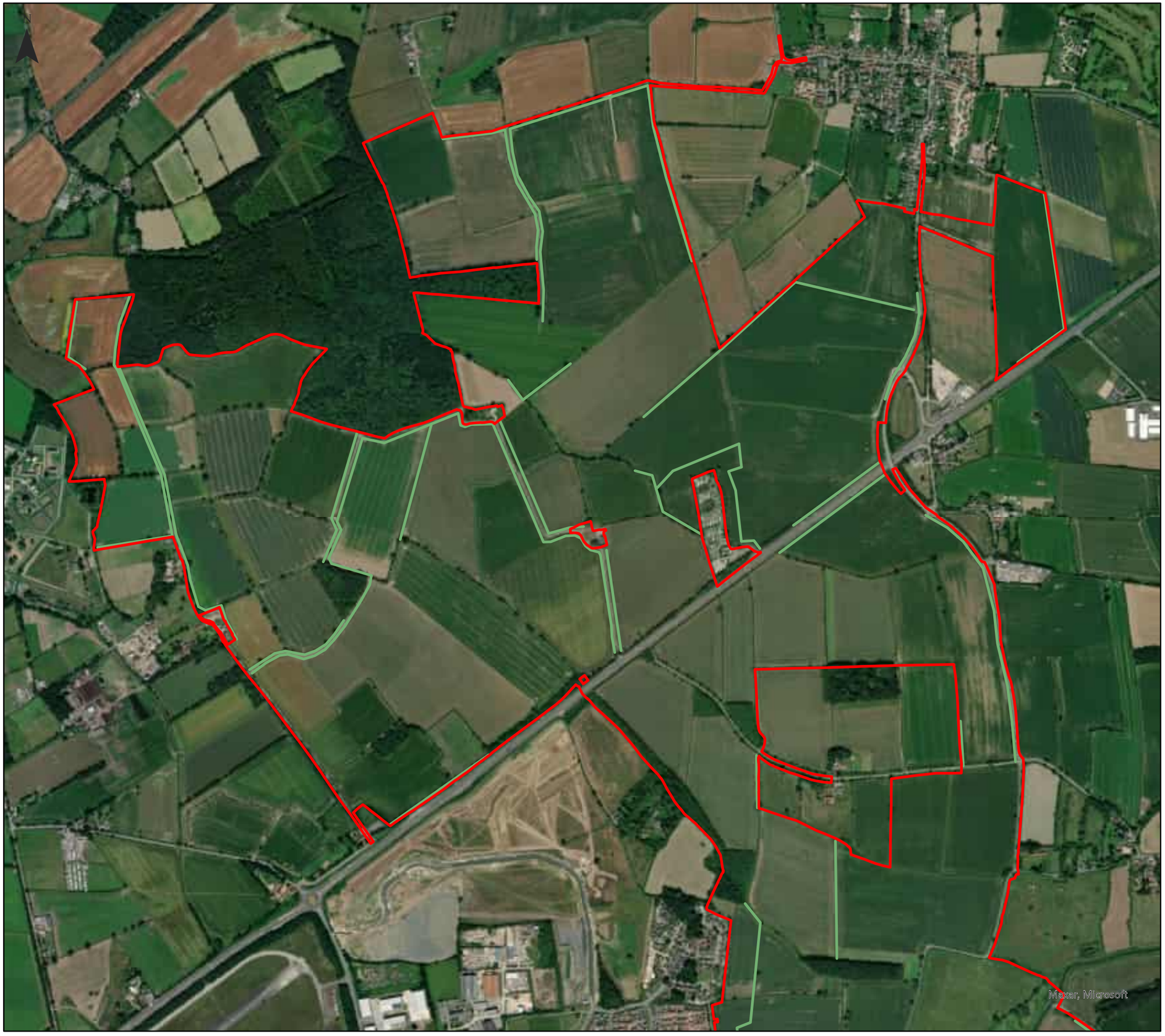
ENVIRONMENTAL

Fosse Green Solar Farm
G&G Mitigation Planting
Figure 7B

Key

Development Boundary

G&G Mitigation Planting



0 0.25 0.5 1 Kilometers

Neo Office Address:
Wright Business Centre, 1 Lonmay Road, Glasgow, G33 4EL

Date: 17/10/2024
Drawn By: David Thomson
Scale (A3): 1:12,500
Drawing No: NEO01357/014I/C

neo ENVIRONMENTAL

Fosse Green Solar Farm
G&G Mitigation Planting
Figure 7C

0 0.38 0.75 1.5 Kilometers

Key

Development Boundary

G&G Mitigation Planting

Neo Office Address:
Wright Business Centre, 1 Lonmay Road, Glasgow, G33 4EL

Date: 17/10/2024
Drawn By: David Thomson
Scale (A3): 1:14,000
Drawing No: NEO01357/0015I/C

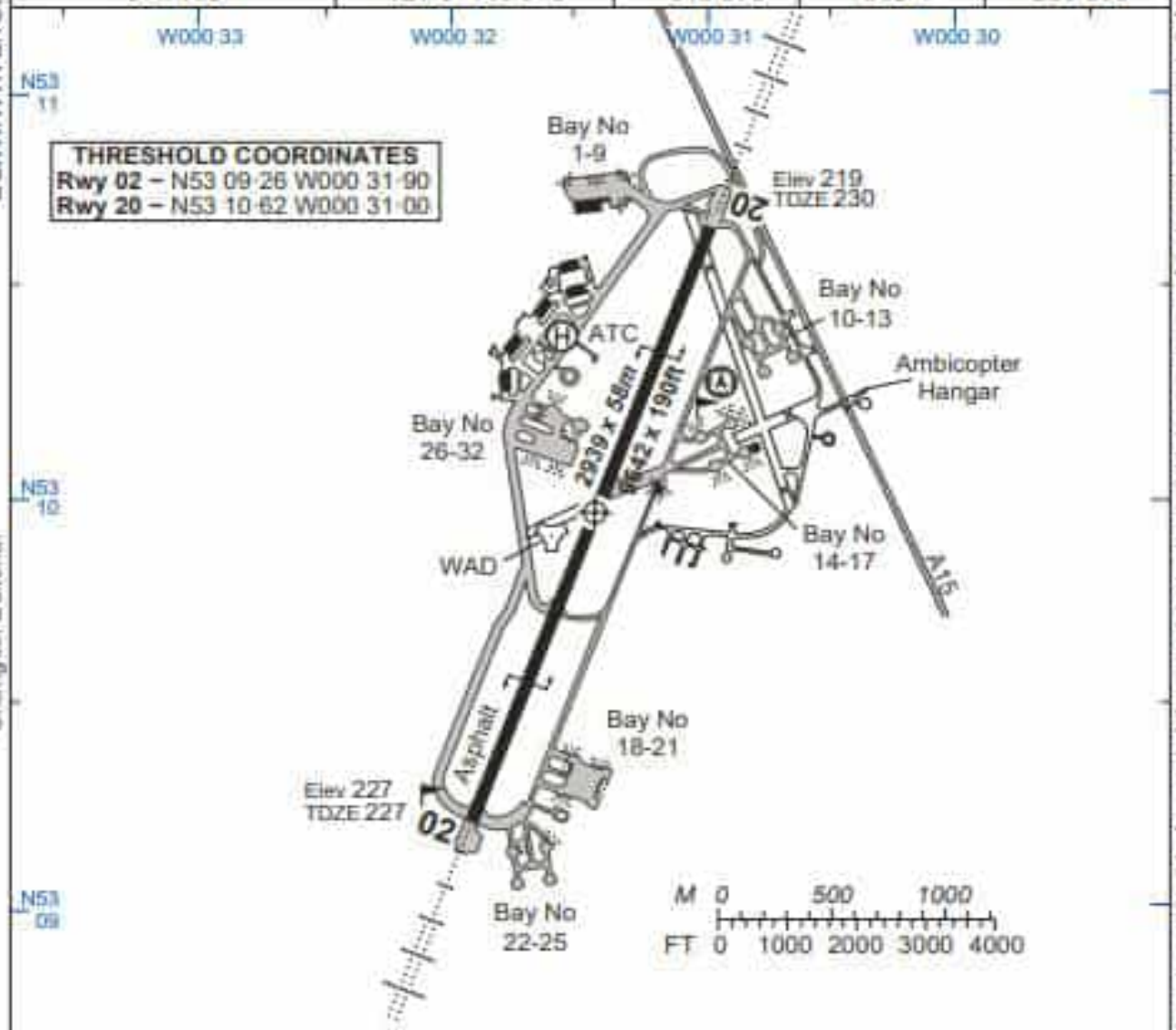
neo ENVIRONMENTAL

05 OCT 23

AERODROME WADDINGTON

Elev 230	Var 0°	ARP N53 09·97 W000 31·43 (WGS 84)	05 OCT 23	D1

WADDINGTON GROUND	TOWER	APPROACH	OPS	ATIS
342·125	121·3 241·325	345·075	369·4	291·675



RWY	SLOPE	LDA m/ft	APP LGT		RWY LGT
02 (022°T) **20** (202°T)	0·08%D 0·08%U	2705/8875	P3° (48) P3° (44)	CL-5B (H)	RTHL:REDL (H):RCLL(H)*15m* ❼ RENL

1. **WARNING.** Strong Westerly winds can produce unexpected turbulence in the final stages of approach to Rwy 20.
2. Circuits: Normal –**1300** 1000.
3. RHAG installations 18 inches high; 35ft from rwy edge. RHAG inset:
   a. Rwy 02 – 2050ft.
   b. Rwy 20 – 2000ft.
   For normal ops approach cable DERIGGED, overrun cable UP.
   20min DAY and 25min NIGHT PNR approach cable to be configured UP.
4. **CIRC prohibited** W of the Rwy 02/20 extended centreline.
5. Public road crosses approach to Rwy 20.
6. NW *twy* has *9m* wide tarmac shoulders (non-load bearing).
7. Non-standard RCLL at *15m* spacing (instead of *30m*) to allow LVP ops.
8. To achieve the full declared distance on Rwy 02RH, a back track via the turn pad is required.

WADDINGTON AERODROME

EGXW/WTN ENGLAND

Changes: Editorial

No 1 AIDU Last Amended 11 AUG 23

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Fosse Green Solar Farm

Fosse Green SF Res Group A 5 Degrees

Created Jan 11, 2024
Updated Sep 02, 2024
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 109527.18719

Project type Advanced
Project status: active
Category 10 MW to 100 MW

Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
PV array 1	5.0	180.0	69,470	29,297	-
PV array 10	5.0	180.0	0	0	-
PV array 11	5.0	180.0	0	0	-
PV array 12	5.0	180.0	0	0	-
PV array 13	5.0	180.0	0	0	-
PV array 14	5.0	180.0	0	0	-
PV array 15	5.0	180.0	0	0	-
PV array 2	5.0	180.0	83,735	9,031	-
PV array 3	5.0	180.0	19,083	6,048	-
PV array 4	5.0	180.0	35,282	9,114	-
PV array 5	5.0	180.0	69,645	143	-
PV array 6	5.0	180.0	10,460	136	-
PV array 7	5.0	180.0	6,459	0	-
PV array 8	5.0	180.0	0	0	-
PV array 9	5.0	180.0	0	0	-

Component Data

PV Array(s)

Total PV footprint area: 5,173,293 m^2

Name: PV array 1
Footprint area: 534,233 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.173327	-0.683693	15.22	3.50	18.72
2	53.171796	-0.684143	15.03	3.50	18.53
3	53.171552	-0.683478	15.19	3.50	18.69
4	53.171127	-0.682985	15.98	3.50	19.48
5	53.169712	-0.681805	15.00	3.50	18.50
6	53.168092	-0.681418	16.50	3.50	20.00
7	53.167989	-0.682362	16.00	3.50	19.50
8	53.167616	-0.682427	15.86	3.50	19.36
9	53.166844	-0.682749	16.00	3.50	19.50
10	53.166574	-0.682985	16.00	3.50	19.50
11	53.166123	-0.682920	16.00	3.50	19.50
12	53.166394	-0.680345	17.00	3.50	20.50
13	53.166741	-0.680410	16.40	3.50	19.90
14	53.166831	-0.679530	17.48	3.50	20.98
15	53.167320	-0.679659	17.17	3.50	20.67
16	53.167564	-0.677277	20.64	3.50	24.14
17	53.166522	-0.676741	20.78	3.50	24.28
18	53.164593	-0.675024	20.02	3.50	23.52
19	53.163010	-0.673672	18.14	3.50	21.64
20	53.162869	-0.672857	19.04	3.50	22.54
21	53.163088	-0.672084	19.80	3.50	23.30
22	53.163679	-0.671333	23.18	3.50	26.68
23	53.165403	-0.672857	27.63	3.50	31.13
24	53.165648	-0.671870	30.61	3.50	34.11
25	53.166458	-0.671269	32.00	3.50	35.50
26	53.166857	-0.671569	31.99	3.50	35.49
27	53.167847	-0.667406	24.66	3.50	28.16
28	53.169468	-0.666720	25.10	3.50	28.60
29	53.169031	-0.668608	27.89	3.50	31.39
30	53.169198	-0.670067	30.98	3.50	34.48
31	53.169982	-0.673629	26.94	3.50	30.44
32	53.170246	-0.673758	26.58	3.50	30.08
33	53.171294	-0.673125	28.40	3.50	31.90
34	53.171745	-0.672299	30.82	3.50	34.32
35	53.172105	-0.674048	26.50	3.50	30.00
36	53.171674	-0.675957	22.65	3.50	26.15
37	53.171507	-0.677599	22.08	3.50	25.58
38	53.171629	-0.678414	22.99	3.50	26.49
39	53.171918	-0.678833	24.21	3.50	27.71
40	53.171809	-0.679283	22.62	3.50	26.12
41	53.171449	-0.679391	20.48	3.50	23.98
42	53.170838	-0.677985	18.51	3.50	22.01
43	53.170593	-0.678028	17.96	3.50	21.46
44	53.170606	-0.678200	17.83	3.50	21.33
45	53.171372	-0.679906	19.18	3.50	22.68
46	53.171249	-0.681719	17.42	3.50	20.92
47	53.171378	-0.681955	17.27	3.50	20.77
48	53.171333	-0.682395	16.56	3.50	20.06
49	53.171597	-0.682502	16.79	3.50	20.29
50	53.173384	-0.681622	18.75	3.50	22.25

Name: PV array 10
Footprint area: 207,167 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.151184	-0.634513	8.32	3.50	11.82
2	53.151718	-0.636347	8.27	3.50	11.77
3	53.150026	-0.636744	8.28	3.50	11.78
4	53.148983	-0.636744	9.89	3.50	13.39
5	53.148803	-0.636862	10.13	3.50	13.63
6	53.148829	-0.637045	9.76	3.50	13.26
7	53.147420	-0.637957	10.19	3.50	13.69
8	53.146461	-0.637796	10.65	3.50	14.15
9	53.146126	-0.637302	11.44	3.50	14.94
10	53.145875	-0.635146	9.74	3.50	13.24
11	53.145566	-0.635264	9.14	3.50	12.64
12	53.145451	-0.635843	9.42	3.50	12.92
13	53.145142	-0.635951	9.94	3.50	13.44
14	53.144987	-0.634910	11.54	3.50	15.04
15	53.144637	-0.634278	12.00	3.50	15.50
16	53.143968	-0.633344	12.41	3.50	15.91
17	53.144200	-0.633280	11.84	3.50	15.34
18	53.144953	-0.632754	9.97	3.50	13.47
19	53.145828	-0.631949	10.31	3.50	13.81
20	53.146497	-0.631509	11.15	3.50	14.65
21	53.147668	-0.633848	12.51	3.50	16.01
22	53.148395	-0.633344	12.81	3.50	16.31
23	53.148254	-0.632947	13.08	3.50	16.58
24	53.148910	-0.632035	13.05	3.50	16.55
25	53.149064	-0.632314	12.58	3.50	16.08
26	53.149541	-0.631681	12.37	3.50	15.87

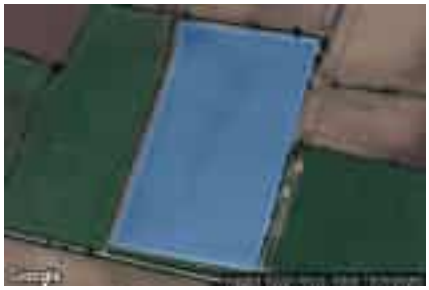
Name: PV array 11
Footprint area: 717,655 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.148506	-0.631749	13.14	3.50	16.64
2	53.147850	-0.632704	12.97	3.50	16.47
3	53.147683	-0.632715	12.37	3.50	15.87
4	53.146640	-0.630945	11.20	3.50	14.70
5	53.146396	-0.630848	12.22	3.50	15.72
6	53.145637	-0.631266	12.28	3.50	15.78
7	53.144343	-0.632565	11.04	3.50	14.54
8	53.142046	-0.627951	13.11	3.50	16.61
9	53.141524	-0.626084	12.34	3.50	15.84
10	53.138596	-0.627329	13.83	3.50	17.33
11	53.138454	-0.627232	13.48	3.50	16.98
12	53.137051	-0.628370	12.96	3.50	16.46
13	53.137154	-0.629056	13.21	3.50	16.71
14	53.135919	-0.628649	14.19	3.50	17.69
15	53.135771	-0.627640	12.78	3.50	16.28
16	53.134593	-0.628456	13.03	3.50	16.53
17	53.134464	-0.624700	12.77	3.50	16.27
18	53.134618	-0.624700	12.76	3.50	16.26
19	53.134631	-0.624990	12.76	3.50	16.26
20	53.135655	-0.624947	12.58	3.50	16.08
21	53.135758	-0.626331	11.86	3.50	15.36
22	53.136112	-0.626567	11.92	3.50	15.42
23	53.136549	-0.625162	10.74	3.50	14.24
24	53.136717	-0.625055	10.13	3.50	13.63
25	53.136652	-0.624636	10.38	3.50	13.88
26	53.137450	-0.624089	10.03	3.50	13.53
27	53.135835	-0.616793	7.10	3.50	10.60
28	53.136202	-0.615956	6.99	3.50	10.49
29	53.137238	-0.614926	7.15	3.50	10.65
30	53.137624	-0.615710	7.24	3.50	10.74
31	53.137862	-0.615549	7.38	3.50	10.88
32	53.137991	-0.614787	7.14	3.50	10.64
33	53.139105	-0.617426	7.93	3.50	11.43
34	53.139800	-0.619754	11.05	3.50	14.55
35	53.141717	-0.618682	9.38	3.50	12.88
36	53.142129	-0.620227	11.21	3.50	14.71
37	53.142007	-0.620323	10.80	3.50	14.30
38	53.142541	-0.622211	11.19	3.50	14.69
39	53.144034	-0.620784	11.76	3.50	15.26
40	53.144607	-0.623563	11.92	3.50	15.42
41	53.145591	-0.624582	12.63	3.50	16.13
42	53.145044	-0.625248	12.90	3.50	16.40
43	53.145077	-0.625666	12.28	3.50	15.78
44	53.146634	-0.628348	11.72	3.50	15.22
45	53.146808	-0.628220	12.16	3.50	15.66
46	53.148268	-0.630762	12.11	3.50	15.61
47	53.148101	-0.631030	11.92	3.50	15.42

Name: PV array 12
Footprint area: 73,115 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.136228	-0.613414	8.07	3.50	11.57
2	53.135854	-0.613478	8.46	3.50	11.96
3	53.133222	-0.614980	9.82	3.50	13.32
4	53.132887	-0.611772	10.64	3.50	14.14
5	53.135977	-0.610335	9.13	3.50	12.63

Name: PV array 13
Footprint area: 737,033 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.135585	-0.658160	11.48	3.50	14.98
2	53.136461	-0.665906	14.75	3.50	18.25
3	53.130642	-0.667945	14.56	3.50	18.06
4	53.130333	-0.666357	13.81	3.50	17.31
5	53.128440	-0.666872	14.86	3.50	18.36
6	53.128582	-0.668717	14.77	3.50	18.27
7	53.128273	-0.668782	14.57	3.50	18.07
8	53.128131	-0.667301	14.49	3.50	17.99
9	53.125730	-0.667666	13.07	3.50	16.57
10	53.125710	-0.667945	12.94	3.50	16.44
11	53.124455	-0.667505	13.19	3.50	16.69
12	53.124558	-0.666711	12.70	3.50	16.20
13	53.123380	-0.665788	11.31	3.50	14.81
14	53.123457	-0.665370	11.00	3.50	14.50
15	53.123122	-0.665220	12.04	3.50	15.54
16	53.123476	-0.663514	13.15	3.50	16.65
17	53.124365	-0.661776	13.29	3.50	16.79
18	53.124571	-0.660832	13.96	3.50	17.46
19	53.125067	-0.660220	13.10	3.50	16.60
20	53.126406	-0.656647	11.66	3.50	15.16
21	53.126650	-0.656261	11.38	3.50	14.88
22	53.126959	-0.656272	11.65	3.50	15.15
23	53.127178	-0.656068	12.25	3.50	15.75
24	53.127603	-0.659051	12.08	3.50	15.58
25	53.128794	-0.658922	13.52	3.50	17.02
26	53.129277	-0.661443	14.94	3.50	18.44
27	53.131092	-0.659844	14.90	3.50	18.40
28	53.131517	-0.659501	14.40	3.50	17.90
29	53.132315	-0.658857	12.70	3.50	16.20
30	53.133268	-0.657935	12.71	3.50	16.21
31	53.133345	-0.658664	11.01	3.50	14.51

Name: PV array 14
Footprint area: 209,868 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132660	-0.653180	10.42	3.50	13.92
2	53.132070	-0.653360	10.23	3.50	13.73
3	53.131510	-0.653070	11.29	3.50	14.79
4	53.130770	-0.652410	10.38	3.50	13.88
5	53.130350	-0.650050	9.94	3.50	13.44
6	53.130090	-0.649560	9.85	3.50	13.35
7	53.130270	-0.649260	10.71	3.50	14.21
8	53.132390	-0.648020	11.38	3.50	14.88
9	53.133030	-0.650850	12.02	3.50	15.52
10	53.136270	-0.648960	10.09	3.50	13.59
11	53.136080	-0.645870	9.77	3.50	13.27
12	53.137430	-0.645210	9.73	3.50	13.23
13	53.137750	-0.648600	9.23	3.50	12.73
14	53.137580	-0.648830	9.22	3.50	12.72
15	53.138060	-0.652120	9.08	3.50	12.58
16	53.137820	-0.652230	9.58	3.50	13.08
17	53.137750	-0.652040	9.56	3.50	13.06
18	53.135890	-0.651840	9.88	3.50	13.38

Name: PV array 15
Footprint area: 78,246 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132772	-0.647378	9.94	3.50	13.44
2	53.130056	-0.648847	10.80	3.50	14.30
3	53.129882	-0.649255	9.89	3.50	13.39
4	53.129303	-0.648847	10.80	3.50	14.30
5	53.128942	-0.648858	10.87	3.50	14.37
6	53.128884	-0.648418	11.51	3.50	15.01
7	53.128311	-0.648386	11.43	3.50	14.93
8	53.128105	-0.646884	11.40	3.50	14.90
9	53.130622	-0.645758	10.83	3.50	14.33
10	53.130700	-0.646122	11.65	3.50	15.15
11	53.131298	-0.645768	10.18	3.50	13.68
12	53.132412	-0.645328	9.00	3.50	12.50

Name: PV array 2
Footprint area: 575,799 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.178645	-0.666108	19.50	3.50	23.00
2	53.177873	-0.669091	19.28	3.50	22.78
3	53.176523	-0.668029	19.69	3.50	23.19
4	53.174220	-0.666891	26.06	3.50	29.56
5	53.174465	-0.660669	17.80	3.50	21.30
6	53.172497	-0.660755	16.16	3.50	19.66
7	53.172510	-0.661355	17.14	3.50	20.64
8	53.172960	-0.661484	17.29	3.50	20.79
9	53.173230	-0.666677	24.28	3.50	27.78
10	53.172175	-0.666226	20.97	3.50	24.47
11	53.171823	-0.664919	19.69	3.50	23.19
12	53.171714	-0.664865	19.72	3.50	23.22
13	53.170968	-0.662526	18.08	3.50	21.58
14	53.170357	-0.661797	17.29	3.50	20.79
15	53.174293	-0.653523	13.69	3.50	17.19
16	53.178283	-0.655459	15.69	3.50	19.19
17	53.179363	-0.655588	13.41	3.50	16.91
18	53.178051	-0.662519	19.70	3.50	23.20
19	53.177884	-0.665737	19.63	3.50	23.13

Name: PV array 3
Footprint area: 680,134 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.162238	-0.675331	17.88	3.50	21.38
2	53.159343	-0.671812	16.96	3.50	20.46
3	53.159793	-0.670482	16.50	3.50	20.00
4	53.160861	-0.668250	17.83	3.50	21.33
5	53.160424	-0.666813	17.26	3.50	20.76
6	53.159446	-0.669109	15.52	3.50	19.02
7	53.159858	-0.669752	15.96	3.50	19.46
8	53.159137	-0.671705	16.90	3.50	20.40
9	53.158237	-0.670654	16.68	3.50	20.18
10	53.158391	-0.670074	16.02	3.50	19.52
11	53.157838	-0.668787	15.77	3.50	19.27
12	53.159768	-0.664130	19.42	3.50	22.92
13	53.159922	-0.664409	18.34	3.50	21.84
14	53.160977	-0.661835	24.58	3.50	28.08
15	53.161157	-0.662006	24.26	3.50	27.76
16	53.161286	-0.661641	25.79	3.50	29.29
17	53.161157	-0.661448	26.00	3.50	29.50
18	53.162186	-0.659345	26.37	3.50	29.87
19	53.162084	-0.658852	26.32	3.50	29.82
20	53.162598	-0.657693	27.46	3.50	30.96
21	53.165686	-0.658337	22.77	3.50	26.27
22	53.165917	-0.658981	21.27	3.50	24.77
23	53.166213	-0.659431	20.99	3.50	24.49
24	53.165956	-0.661019	21.23	3.50	24.73
25	53.167975	-0.662371	18.26	3.50	21.76
26	53.167654	-0.663315	18.23	3.50	21.73
27	53.167499	-0.667242	23.91	3.50	27.41
28	53.164618	-0.668615	26.56	3.50	30.06
29	53.164824	-0.669516	27.49	3.50	30.99
30	53.163164	-0.671190	20.73	3.50	24.23
31	53.162727	-0.672048	18.84	3.50	22.34
32	53.162572	-0.673164	18.39	3.50	21.89
33	53.162752	-0.673701	17.85	3.50	21.35
34	53.162650	-0.674344	17.02	3.50	20.52

Name: PV array 4
Footprint area: 539,330 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.172590	-0.642580	14.81	3.50	18.31
2	53.173510	-0.648340	13.73	3.50	17.23
3	53.168740	-0.657430	17.19	3.50	20.69
4	53.168530	-0.657410	16.94	3.50	20.44
5	53.168310	-0.657830	18.09	3.50	21.59
6	53.168300	-0.658730	18.04	3.50	21.54
7	53.168070	-0.658890	17.95	3.50	21.45
8	53.165850	-0.657640	21.97	3.50	25.47
9	53.165650	-0.657980	23.24	3.50	26.74
10	53.162740	-0.657270	27.18	3.50	30.68
11	53.164580	-0.653290	23.23	3.50	26.73
12	53.166200	-0.654060	18.29	3.50	21.79
13	53.166850	-0.655520	18.20	3.50	21.70
14	53.167520	-0.655510	17.58	3.50	21.08
15	53.167980	-0.655110	18.44	3.50	21.94
16	53.169110	-0.651550	16.06	3.50	19.56
17	53.169110	-0.651060	15.41	3.50	18.91
18	53.168030	-0.650870	15.63	3.50	19.13
19	53.167950	-0.651600	16.07	3.50	19.57
20	53.167340	-0.651230	15.83	3.50	19.33
21	53.166080	-0.651100	19.26	3.50	22.76
22	53.166120	-0.650480	18.68	3.50	22.18
23	53.165960	-0.650180	19.78	3.50	23.28
24	53.168250	-0.644540	17.16	3.50	20.66
25	53.168920	-0.644690	16.30	3.50	19.80
26	53.170130	-0.644410	16.57	3.50	20.07
27	53.171130	-0.643750	15.25	3.50	18.75
28	53.171150	-0.643400	15.23	3.50	18.73
29	53.172000	-0.642680	14.97	3.50	18.47

Name: PV array 5
Footprint area: 85,119 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.175987	-0.638261	17.17	3.50	20.67
2	53.175962	-0.637317	17.32	3.50	20.82
3	53.175704	-0.636180	15.99	3.50	19.49
4	53.172039	-0.635257	10.34	3.50	13.84
5	53.170855	-0.638197	11.33	3.50	14.83
6	53.174251	-0.638304	12.30	3.50	15.80

Name: PV array 6
Footprint area: 178,317 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.167678	-0.644140	17.52	3.50	21.02
2	53.165556	-0.649011	19.39	3.50	22.89
3	53.164810	-0.644784	20.41	3.50	23.91
4	53.165350	-0.641716	16.27	3.50	19.77
5	53.163562	-0.640986	20.48	3.50	23.98
6	53.161902	-0.640643	22.38	3.50	25.88
7	53.159226	-0.640385	15.78	3.50	19.28
8	53.159329	-0.638197	13.14	3.50	16.64
9	53.162726	-0.638883	20.72	3.50	24.22
10	53.164115	-0.639205	17.21	3.50	20.71
11	53.165183	-0.639763	14.44	3.50	17.94
12	53.165800	-0.640707	14.81	3.50	18.31
13	53.166366	-0.642209	16.10	3.50	19.60
14	53.166971	-0.643282	16.63	3.50	20.13

Name: PV array 7
Footprint area: 492,377 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.164655	-0.651071	23.57	3.50	27.07
2	53.164218	-0.652101	24.34	3.50	27.84
3	53.163588	-0.652015	24.43	3.50	27.93
4	53.163575	-0.652466	24.10	3.50	27.60
5	53.163883	-0.652809	24.86	3.50	28.36
6	53.162790	-0.655406	26.04	3.50	29.54
7	53.162404	-0.655148	26.50	3.50	30.00
8	53.162082	-0.655835	27.39	3.50	30.89
9	53.162263	-0.656543	27.11	3.50	30.61
10	53.161516	-0.658324	26.25	3.50	29.75
11	53.158776	-0.654054	22.55	3.50	26.05
12	53.156879	-0.652104	18.45	3.50	21.95
13	53.156840	-0.650806	17.85	3.50	21.35
14	53.156634	-0.650474	16.75	3.50	20.25
15	53.155412	-0.650935	12.99	3.50	16.49
16	53.155245	-0.650441	12.47	3.50	15.97
17	53.154428	-0.650484	11.62	3.50	15.12
18	53.152317	-0.650581	10.82	3.50	14.32
19	53.151545	-0.650656	11.68	3.50	15.18
20	53.151481	-0.651761	11.49	3.50	14.99
21	53.151159	-0.651729	12.56	3.50	16.06
22	53.151178	-0.650924	12.32	3.50	15.82
23	53.150863	-0.650624	12.97	3.50	16.47
24	53.149042	-0.650581	13.39	3.50	16.89
25	53.149113	-0.652083	14.82	3.50	18.32
26	53.147459	-0.652115	10.92	3.50	14.42
27	53.147762	-0.654604	14.65	3.50	18.15
28	53.146732	-0.654765	11.29	3.50	14.79
29	53.146713	-0.654454	10.78	3.50	14.28
30	53.146661	-0.653928	9.99	3.50	13.49
31	53.146559	-0.653209	9.32	3.50	12.82
32	53.146501	-0.652652	9.65	3.50	13.15
33	53.146616	-0.652544	9.69	3.50	13.19
34	53.146674	-0.652330	9.64	3.50	13.14
35	53.146501	-0.650989	8.94	3.50	12.44
36	53.146829	-0.651064	9.07	3.50	12.57
37	53.147221	-0.650838	9.43	3.50	12.93
38	53.147530	-0.650195	9.95	3.50	13.45
39	53.148058	-0.647824	10.34	3.50	13.84
40	53.149293	-0.647502	11.75	3.50	15.25
41	53.149364	-0.647008	11.40	3.50	14.90
42	53.149004	-0.645163	9.84	3.50	13.34
43	53.149068	-0.644702	10.07	3.50	13.57
44	53.149589	-0.644659	10.09	3.50	13.59
45	53.150246	-0.645152	10.47	3.50	13.97
46	53.150709	-0.646118	10.77	3.50	14.27
47	53.150861	-0.646854	11.55	3.50	15.05
48	53.152186	-0.646683	10.55	3.50	14.05
49	53.152302	-0.648378	10.85	3.50	14.35
50	53.152559	-0.648356	11.03	3.50	14.53
51	53.152650	-0.647820	11.33	3.50	14.83
52	53.152843	-0.647562	10.51	3.50	14.01
53	53.152984	-0.648185	10.54	3.50	14.04
54	53.153396	-0.648850	10.72	3.50	14.22
55	53.153821	-0.649000	11.70	3.50	15.20
56	53.153821	-0.647176	11.57	3.50	15.07
57	53.157030	-0.647114	18.62	3.50	22.12
58	53.157911	-0.650923	21.21	3.50	24.71
59	53.159526	-0.650773	24.30	3.50	27.80
60	53.159841	-0.651545	25.93	3.50	29.43
61	53.160478	-0.652318	28.32	3.50	31.82
62	53.160542	-0.654142	27.00	3.50	30.50
63	53.161668	-0.654152	28.25	3.50	31.75
64	53.162003	-0.653691	27.32	3.50	30.82

65	53.161359	-0.652489	27.84	3.50	31.34
66	53.161314	-0.650848	28.23	3.50	31.73

Name: PV array 8
Footprint area: 15,661 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.149067	-0.644094	9.24	3.50	12.74
2	53.149505	-0.644029	9.82	3.50	13.32
3	53.149878	-0.644094	9.57	3.50	13.07
4	53.150888	-0.643353	9.27	3.50	12.77
5	53.150521	-0.642002	8.25	3.50	11.75
6	53.149871	-0.642806	8.50	3.50	12.00
7	53.149472	-0.642796	8.80	3.50	12.30
8	53.149215	-0.643192	8.74	3.50	12.24
9	53.149022	-0.644072	9.17	3.50	12.67

Name: PV array 9
Footprint area: 49,241 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.144976	-0.656695	12.95	3.50	16.45
2	53.143226	-0.656438	10.07	3.50	13.57
3	53.143174	-0.652897	8.94	3.50	12.44
4	53.143895	-0.652533	9.13	3.50	12.63
5	53.144204	-0.652533	9.20	3.50	12.70
6	53.144680	-0.653133	9.45	3.50	12.95
7	53.144912	-0.653048	9.39	3.50	12.89

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	53.178847	-0.685276	15.00	2.00	17.00
OP 2	53.178503	-0.685062	15.31	2.00	17.31
OP 3	53.179233	-0.680953	16.57	2.00	18.57
OP 4	53.177272	-0.683742	16.23	2.00	18.23
OP 5	53.176732	-0.681398	16.77	2.00	18.77
OP 6	53.174867	-0.681446	18.32	2.00	20.32
OP 7	53.181350	-0.665103	18.07	2.00	20.07
OP 8	53.166916	-0.697365	16.00	2.00	18.00
OP 9	53.167672	-0.696802	16.00	2.00	18.00
OP 10	53.167187	-0.695337	16.55	2.00	18.55
OP 11	53.168167	-0.693395	19.25	2.00	21.25
OP 12	53.168103	-1.000000	59.06	2.00	61.06
OP 13	53.171087	-0.689495	15.99	2.00	17.99
OP 14	53.169312	-0.689334	17.05	2.00	19.05
OP 15	53.168968	-0.685070	17.05	2.00	19.05
OP 16	53.167560	-0.685070	16.96	2.00	18.96
OP 17	53.166858	-0.686582	17.77	2.00	19.77
OP 18	53.164446	-0.686212	17.68	2.00	19.68
OP 19	53.164099	-0.684211	17.00	2.00	19.00
OP 20	53.162600	-0.690509	22.15	2.00	24.15
OP 21	53.163372	-0.682398	16.00	2.00	18.00
OP 22	53.163687	-0.680472	18.23	2.00	20.23
OP 23	53.165829	-0.679126	18.00	2.00	20.00
OP 24	53.165305	-0.678826	18.25	2.00	20.25
OP 25	53.162874	-0.678611	17.30	2.00	19.30
OP 26	53.163739	-0.677817	17.31	2.00	19.31
OP 27	53.163337	-0.676631	17.16	2.00	19.16
OP 28	53.169822	-0.663576	19.71	2.00	21.71
OP 29	53.166365	-0.659163	21.73	2.00	23.73
OP 30	53.158179	-0.687342	17.58	2.00	19.58
OP 31	53.157684	-0.685008	16.52	2.00	18.52
OP 32	53.157816	-0.684102	16.80	2.00	18.80
OP 33	53.157851	-0.683480	17.00	2.00	19.00
OP 34	53.157793	-0.682750	16.76	2.00	18.76
OP 35	53.155770	-0.673615	16.03	2.00	18.03
OP 36	53.156224	-0.672526	16.36	2.00	18.36
OP 37	53.157285	-0.670193	17.01	2.00	19.01
OP 38	53.167656	-0.653405	18.01	2.00	20.01
OP 39	53.166768	-0.652509	17.24	2.00	19.24
OP 40	53.165566	-0.651962	22.06	2.00	24.06
OP 41	53.165000	-0.652504	23.45	2.00	25.45
OP 42	53.184351	-0.636695	14.83	2.00	16.83
OP 43	53.183978	-0.634571	14.04	2.00	16.04
OP 44	53.183785	-0.632999	12.62	2.00	14.62
OP 45	53.183660	-0.631524	13.90	2.00	15.90
OP 46	53.183441	-0.629915	14.41	2.00	16.41
OP 47	53.183445	-0.629196	15.15	2.00	17.15
OP 48	53.183310	-0.638487	15.14	2.00	17.14
OP 49	53.183081	-0.639356	14.34	2.00	16.34
OP 50	53.182326	-0.639200	15.73	2.00	17.73
OP 51	53.181583	-0.639485	16.28	2.00	18.28
OP 52	53.179900	-0.648513	27.60	2.00	29.60
OP 53	53.180430	-0.647279	26.87	2.00	28.87
OP 54	53.180253	-0.644913	26.22	2.00	28.22
OP 55	53.180186	-0.642945	25.84	2.00	27.84
OP 56	53.181478	-0.642741	17.41	2.00	19.41
OP 57	53.180745	-0.640842	20.46	2.00	22.46
OP 58	53.180064	-0.639340	22.48	2.00	24.48
OP 59	53.178681	-0.639747	24.28	2.00	26.28
OP 60	53.177807	-0.639951	24.76	2.00	26.76
OP 61	53.177286	-0.638428	24.08	2.00	26.08
OP 62	53.176495	-0.641732	19.50	2.00	21.50
OP 63	53.175788	-0.642687	17.92	2.00	19.92

OP 64	53.178064	-0.643417	25.98	2.00	27.98
OP 65	53.178488	-0.645101	25.79	2.00	27.79
OP 66	53.178818	-0.647063	26.95	2.00	28.95
OP 67	53.179185	-0.648061	26.29	2.00	28.29
OP 68	53.180790	-0.635035	14.35	2.00	16.35
OP 69	53.180511	-0.633855	14.70	2.00	16.70
OP 70	53.179517	-0.634917	16.73	2.00	18.73
OP 71	53.176633	-0.647615	19.28	2.00	21.28
OP 72	53.169651	-0.641163	16.28	2.00	18.28
OP 73	53.168761	-0.641528	17.28	2.00	19.28
OP 74	53.168015	-0.641184	16.52	2.00	18.52
OP 75	53.167555	-0.642155	18.35	2.00	20.35
OP 76	53.166870	-0.639870	15.29	2.00	17.29
OP 77	53.166143	-0.638556	13.78	2.00	15.78
OP 78	53.170144	-0.632233	11.08	2.00	13.08
OP 79	53.164130	-0.625550	12.62	2.00	14.62
OP 80	53.161948	-0.624499	11.16	2.00	13.16

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
PV array 1	5.0	180.0	69,470	29,297	-	-
PV array 10	5.0	180.0	0	0	-	-
PV array 11	5.0	180.0	0	0	-	-
PV array 12	5.0	180.0	0	0	-	-
PV array 13	5.0	180.0	0	0	-	-
PV array 14	5.0	180.0	0	0	-	-
PV array 15	5.0	180.0	0	0	-	-
PV array 2	5.0	180.0	83,735	9,031	-	-
PV array 3	5.0	180.0	19,083	6,048	-	-
PV array 4	5.0	180.0	35,282	9,114	-	-
PV array 5	5.0	180.0	69,645	143	-	-
PV array 6	5.0	180.0	10,460	136	-	-
PV array 7	5.0	180.0	6,459	0	-	-
PV array 8	5.0	180.0	0	0	-	-
PV array 9	5.0	180.0	0	0	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
pv-array-1 (green)	0	17	662	1474	1345	1467	1372	1539	866	165	0	0
pv-array-1 (yellow)	0	0	0	24	69	404	164	49	0	0	0	0
pv-array-2 (green)	0	161	745	1063	1692	1876	1945	1168	839	346	0	0
pv-array-2 (yellow)	0	0	5	0	0	227	40	1	6	0	0	0
pv-array-3 (green)	0	0	169	735	860	1006	963	762	355	0	0	0
pv-array-3 (yellow)	0	0	0	60	328	431	372	160	0	0	0	0
pv-array-4 (green)	0	0	0	210	426	673	515	311	21	0	0	0
pv-array-4 (yellow)	0	0	0	2	66	32	68	4	0	0	0	0
pv-array-5 (green)	0	0	188	1050	1612	1594	1689	1285	398	0	0	0
pv-array-5 (yellow)	0	0	0	0	0	131	12	0	0	0	0	0
pv-array-6 (green)	0	0	102	589	858	651	792	750	214	0	0	0
pv-array-6 (yellow)	0	0	0	45	22	0	3	57	9	0	0	0
pv-array-7 (green)	0	0	10	241	369	468	423	268	70	0	0	0
pv-array-7 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

PV array 1 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0

OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	4436	0
OP: OP 9	4361	0
OP: OP 10	4456	47
OP: OP 11	4578	177
OP: OP 12	332	0
OP: OP 13	4344	0
OP: OP 14	4049	430
OP: OP 15	1635	3168
OP: OP 16	2298	3531
OP: OP 17	2540	3416
OP: OP 18	1918	2123
OP: OP 19	1872	2021
OP: OP 20	3323	1146
OP: OP 21	2105	1529
OP: OP 22	2302	1680
OP: OP 23	3010	4326
OP: OP 24	3537	2906
OP: OP 25	2869	662
OP: OP 26	1813	1519
OP: OP 27	1710	307
OP: OP 28	648	0
OP: OP 29	1948	244
OP: OP 30	1853	0
OP: OP 31	410	0
OP: OP 32	154	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	609	0
OP: OP 39	787	0
OP: OP 40	1189	11
OP: OP 41	1584	54
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0

OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	122	0
OP: OP 73	254	0
OP: OP 74	252	0
OP: OP 75	359	0
OP: OP 76	374	0
OP: OP 77	411	0
OP: OP 78	91	0
OP: OP 79	394	0
OP: OP 80	543	0

PV array 1: OP 1

No glare found

PV array 1: OP 2

No glare found

PV array 1: OP 3

No glare found

PV array 1: OP 4

No glare found

PV array 1: OP 5

No glare found

PV array 1: OP 6

No glare found

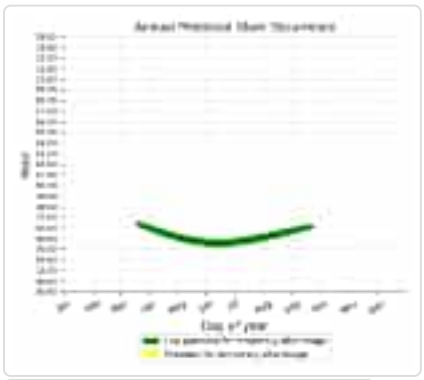
PV array 1: OP 7

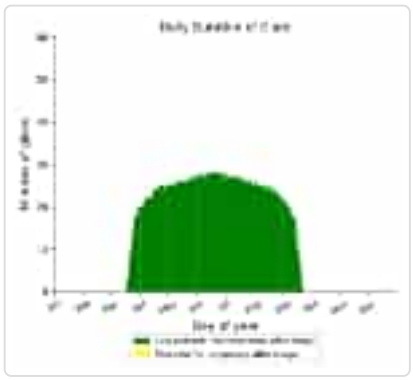
No glare found

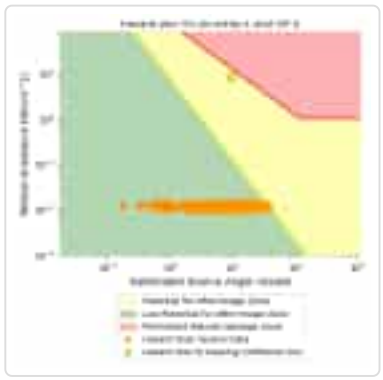
PV array 1: OP 8

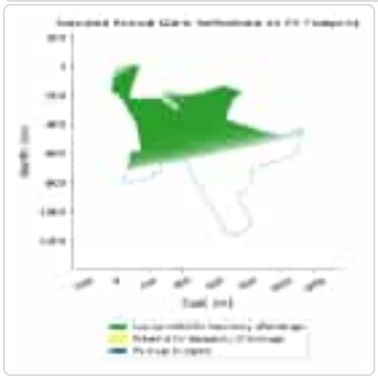
PV array is expected to produce the following glare for this receptor:

- 4,436 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





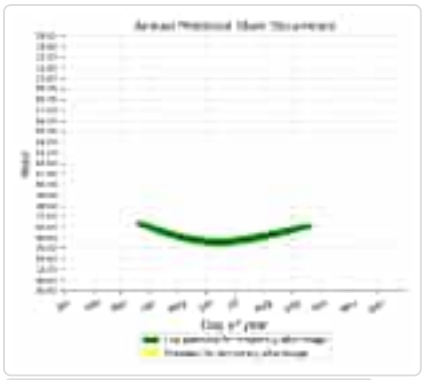


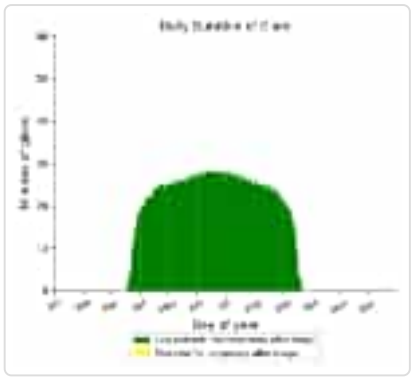


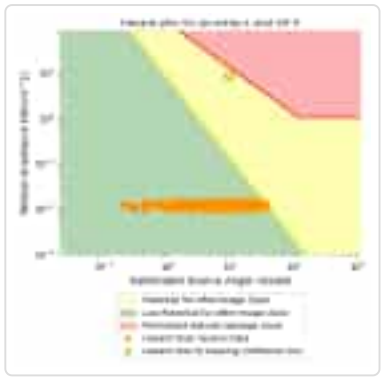
PV array 1: OP 9

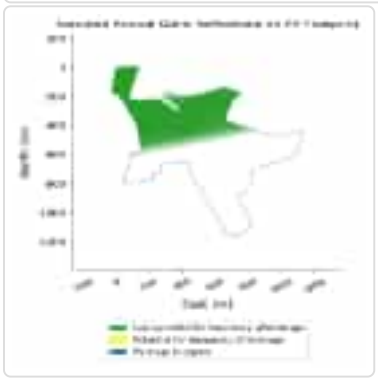
PV array is expected to produce the following glare for this receptor:

- 4,361 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





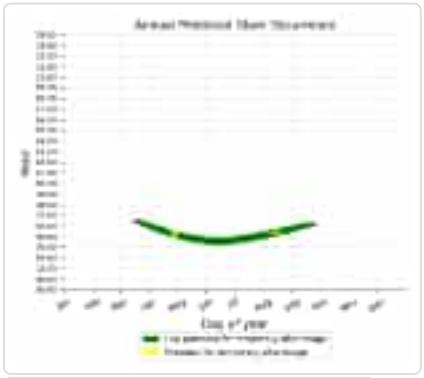


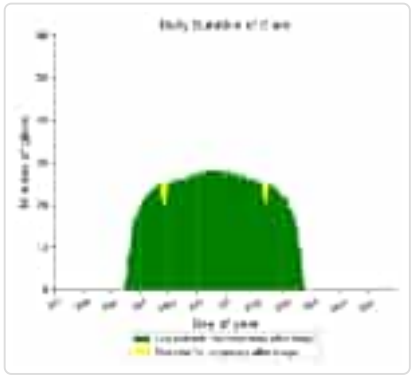


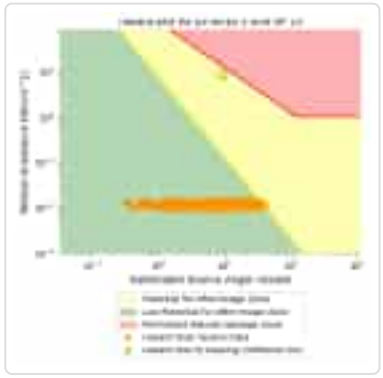
PV array 1: OP 10

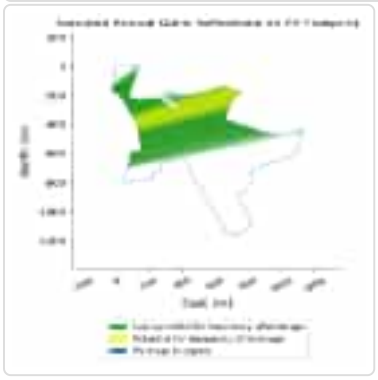
PV array is expected to produce the following glare for this receptor:

- 4,456 minutes of "green" glare with low potential to cause temporary after-image.
- 47 minutes of "yellow" glare with potential to cause temporary after-image.





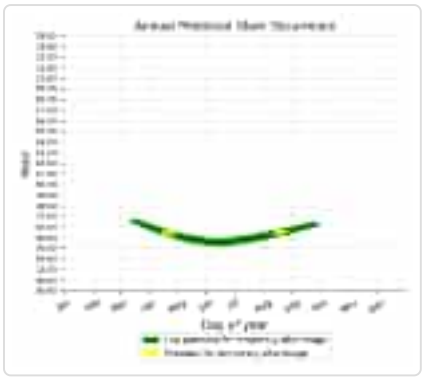


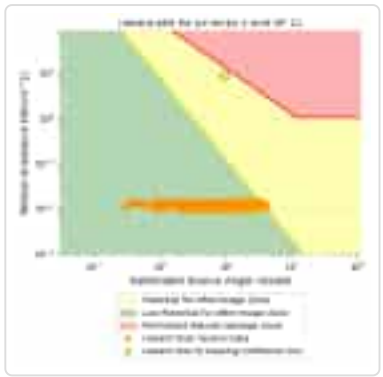


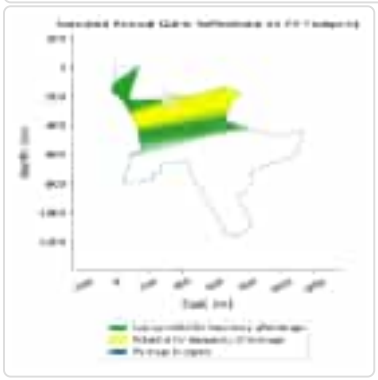
PV array 1: OP 11

PV array is expected to produce the following glare for this receptor:

- 4,578 minutes of "green" glare with low potential to cause temporary after-image.
- 177 minutes of "yellow" glare with potential to cause temporary after-image.



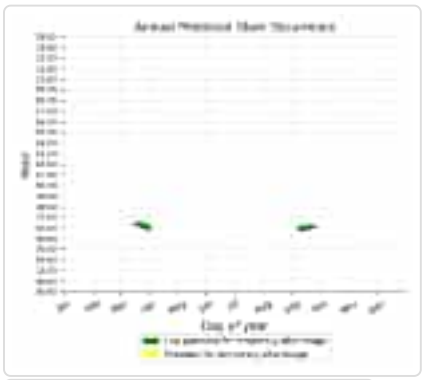


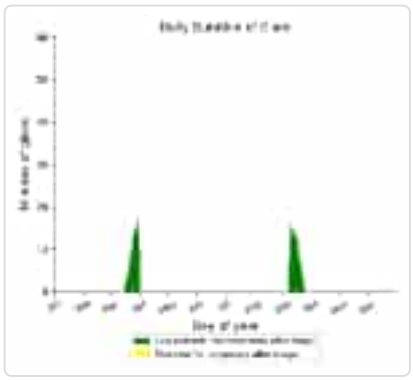


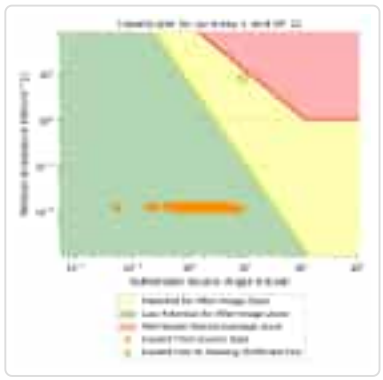
PV array 1: OP 12

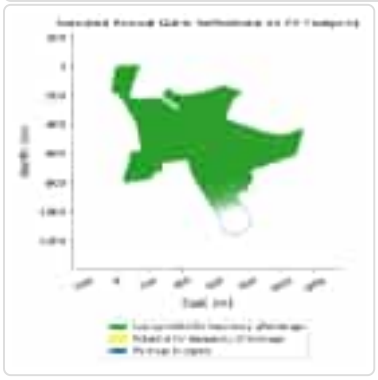
PV array is expected to produce the following glare for this receptor:

- 332 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





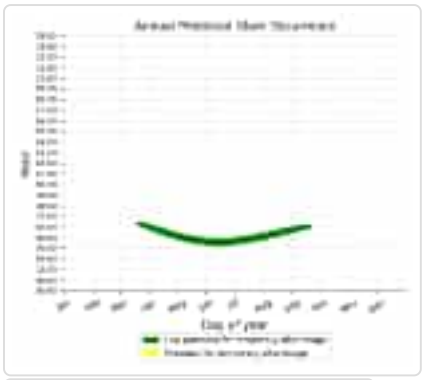


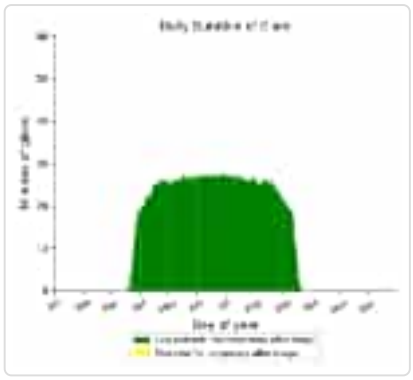


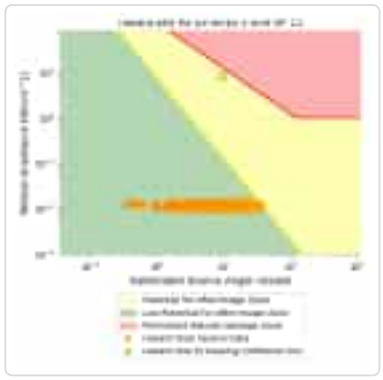
PV array 1: OP 13

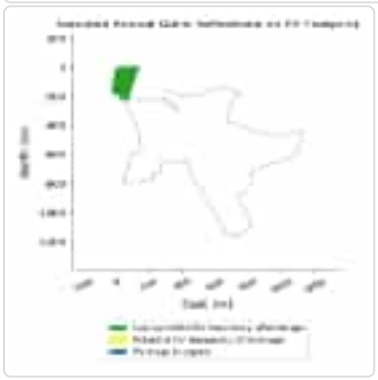
PV array is expected to produce the following glare for this receptor:

- 4,344 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





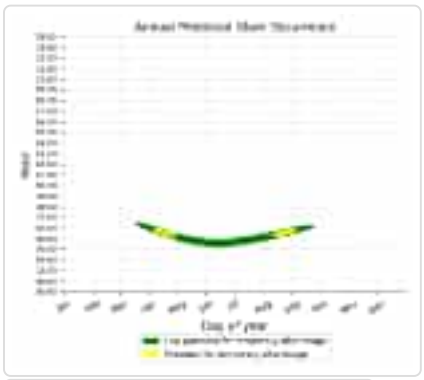


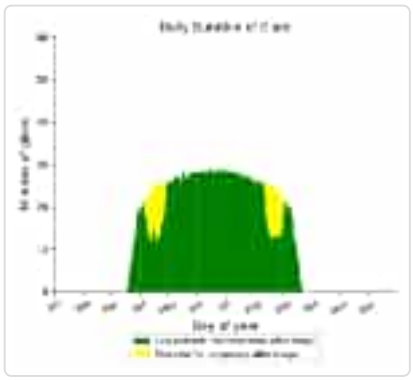


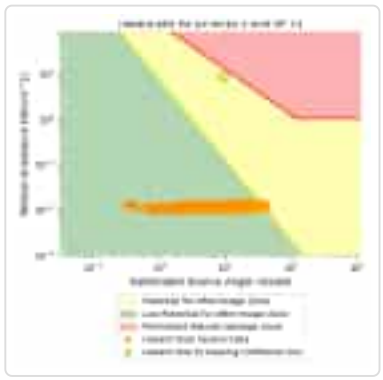
PV array 1: OP 14

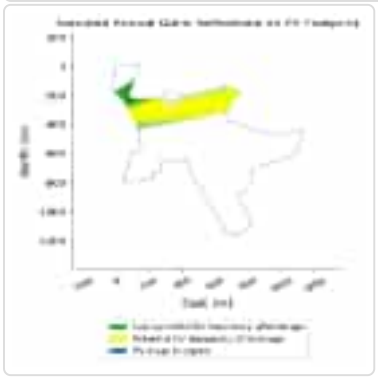
PV array is expected to produce the following glare for this receptor:

- 4,049 minutes of "green" glare with low potential to cause temporary after-image.
- 430 minutes of "yellow" glare with potential to cause temporary after-image.





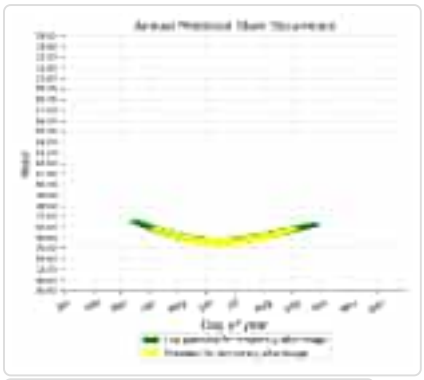


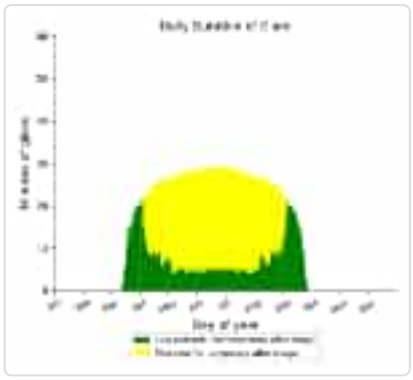


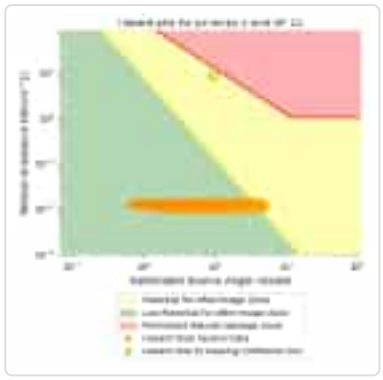
PV array 1: OP 15

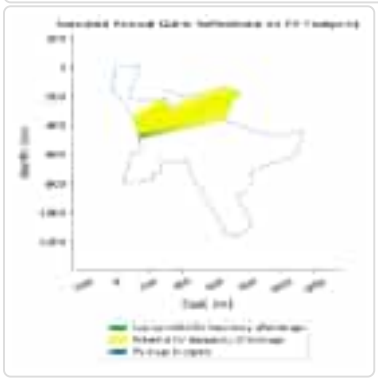
PV array is expected to produce the following glare for this receptor:

- 1,635 minutes of "green" glare with low potential to cause temporary after-image.
- 3,168 minutes of "yellow" glare with potential to cause temporary after-image.





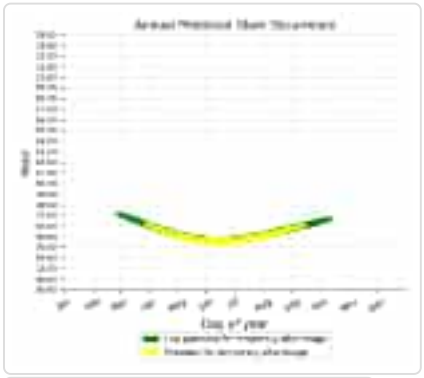


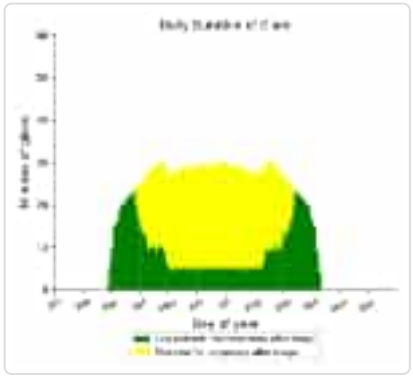


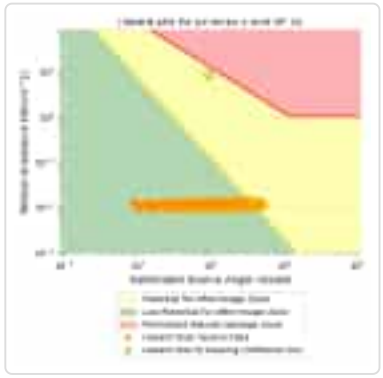
PV array 1: OP 16

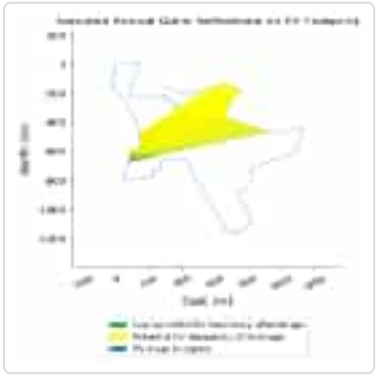
PV array is expected to produce the following glare for this receptor:

- 2,298 minutes of "green" glare with low potential to cause temporary after-image.
- 3,531 minutes of "yellow" glare with potential to cause temporary after-image.





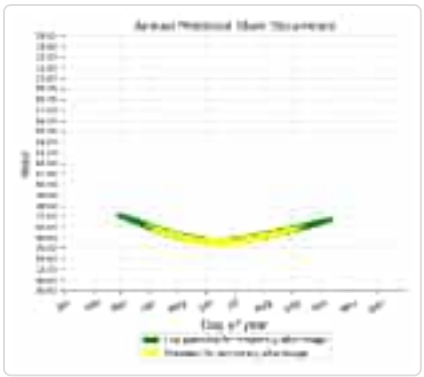


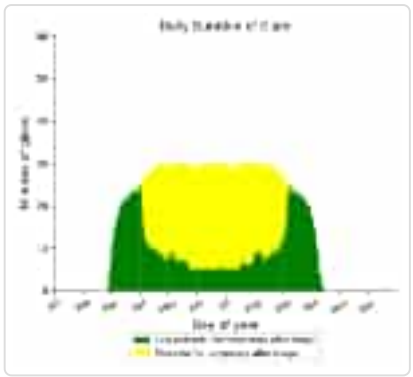


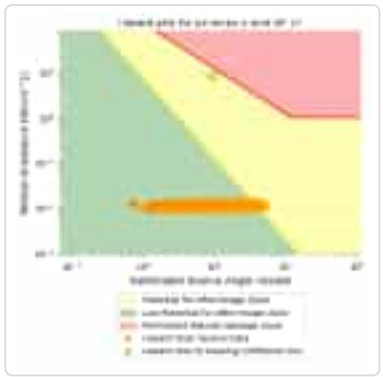
PV array 1: OP 17

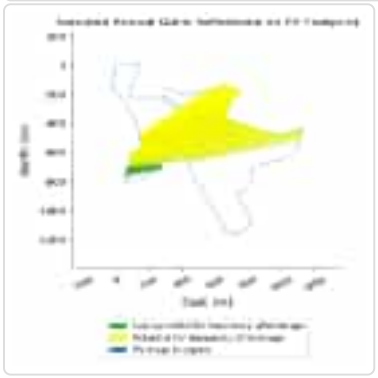
PV array is expected to produce the following glare for this receptor:

- 2,540 minutes of "green" glare with low potential to cause temporary after-image.
- 3,416 minutes of "yellow" glare with potential to cause temporary after-image.





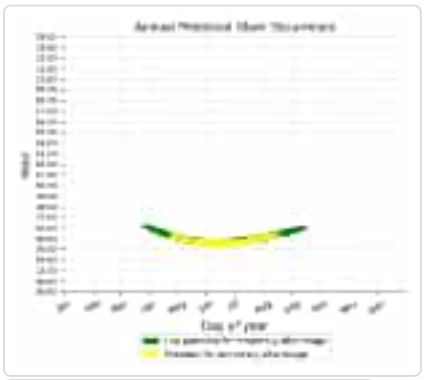


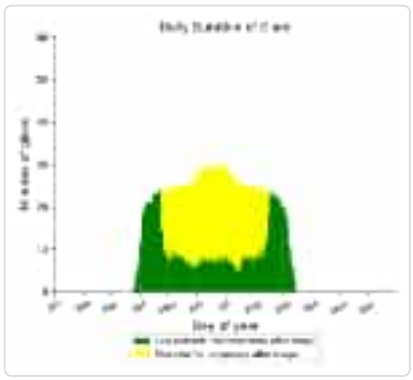


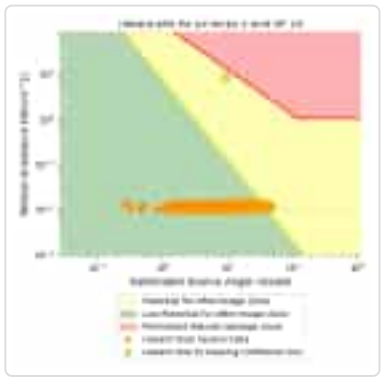
PV array 1: OP 18

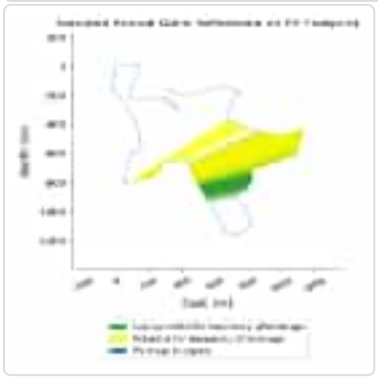
PV array is expected to produce the following glare for this receptor:

- 1,918 minutes of "green" glare with low potential to cause temporary after-image.
- 2,123 minutes of "yellow" glare with potential to cause temporary after-image.





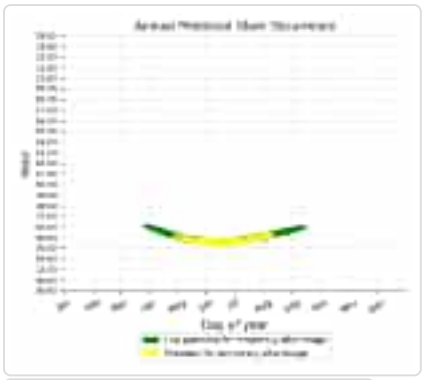


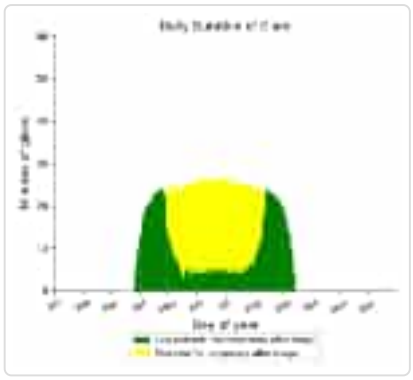


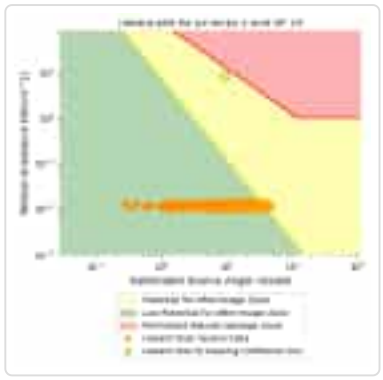
PV array 1: OP 19

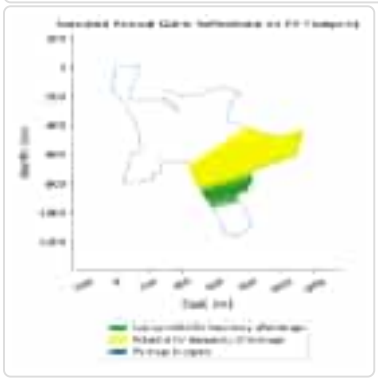
PV array is expected to produce the following glare for this receptor:

- 1,872 minutes of "green" glare with low potential to cause temporary after-image.
- 2,021 minutes of "yellow" glare with potential to cause temporary after-image.





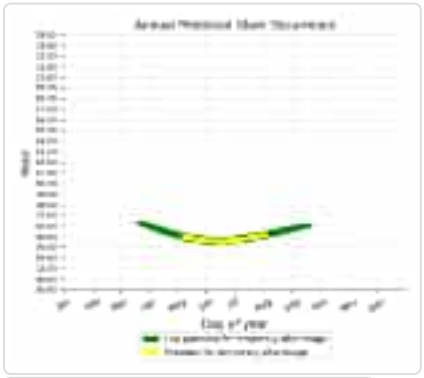


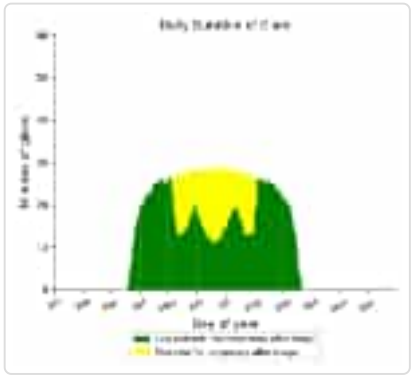


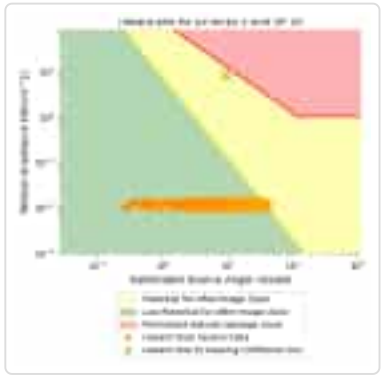
PV array 1: OP 20

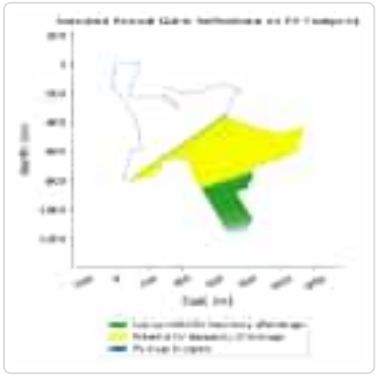
PV array is expected to produce the following glare for this receptor:

- 3,323 minutes of "green" glare with low potential to cause temporary after-image.
- 1,146 minutes of "yellow" glare with potential to cause temporary after-image.





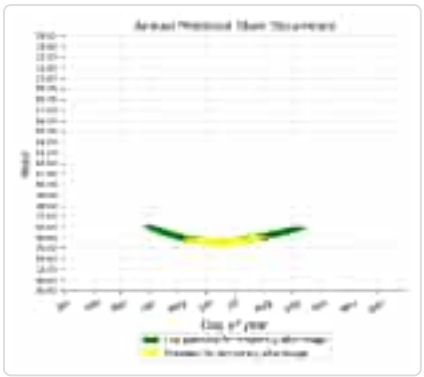


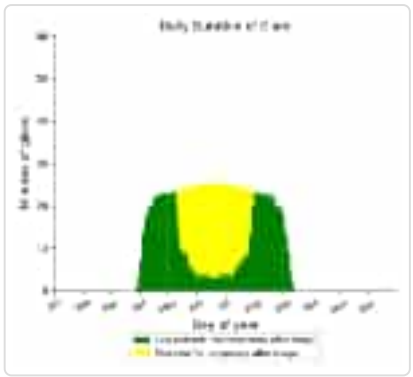


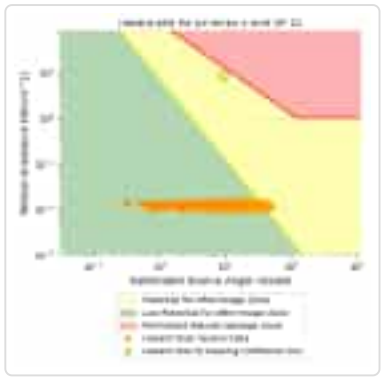
PV array 1: OP 21

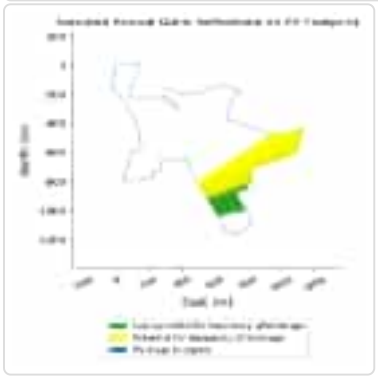
PV array is expected to produce the following glare for this receptor:

- 2,105 minutes of "green" glare with low potential to cause temporary after-image.
- 1,529 minutes of "yellow" glare with potential to cause temporary after-image.





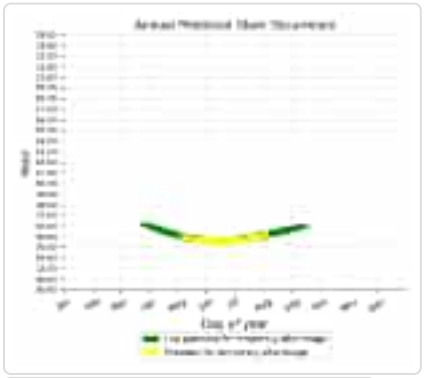


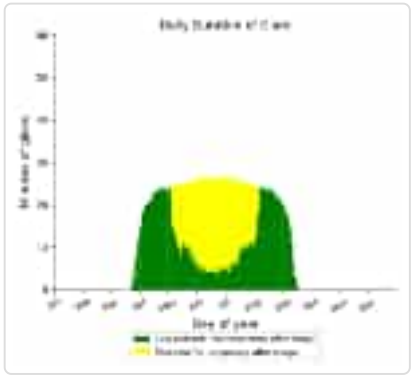


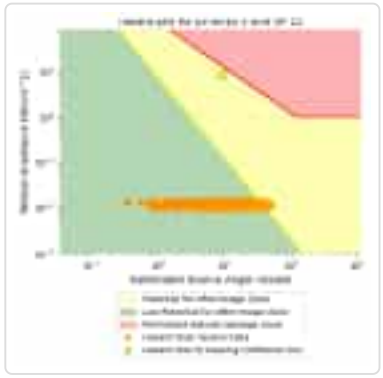
PV array 1: OP 22

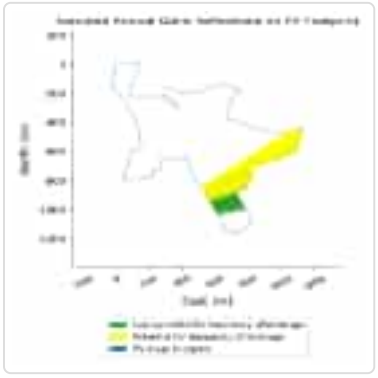
PV array is expected to produce the following glare for this receptor:

- 2,302 minutes of "green" glare with low potential to cause temporary after-image.
- 1,680 minutes of "yellow" glare with potential to cause temporary after-image.





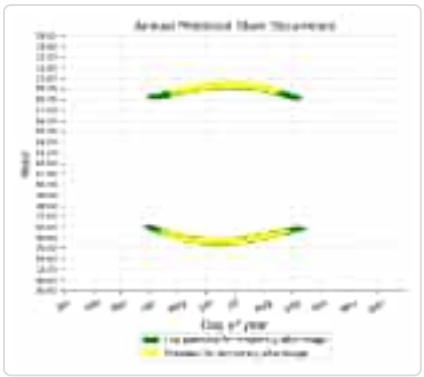


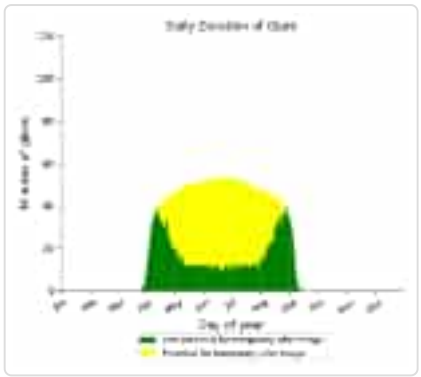


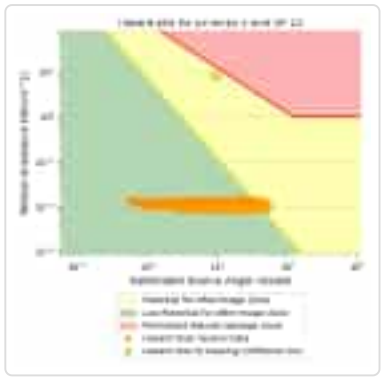
PV array 1: OP 23

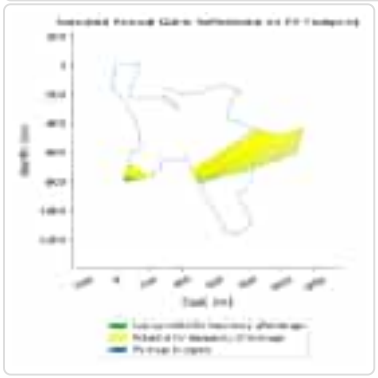
PV array is expected to produce the following glare for this receptor:

- 3,010 minutes of "green" glare with low potential to cause temporary after-image.
- 4,326 minutes of "yellow" glare with potential to cause temporary after-image.





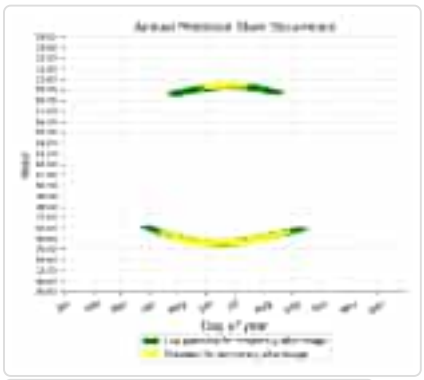


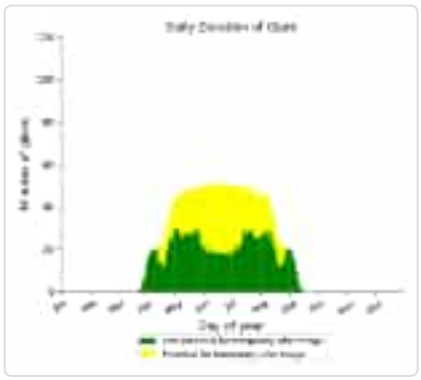


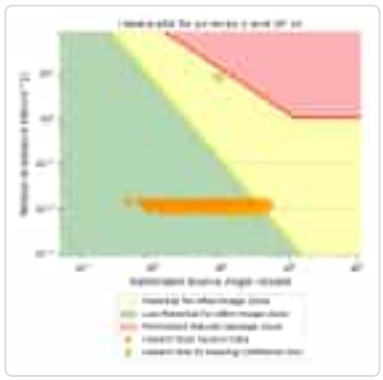
PV array 1: OP 24

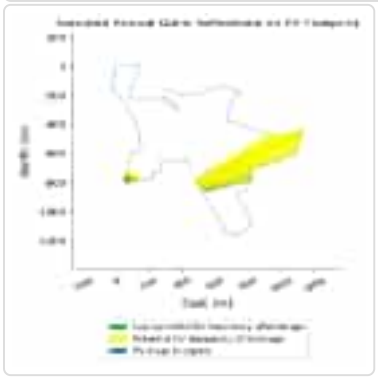
PV array is expected to produce the following glare for this receptor:

- 3,537 minutes of "green" glare with low potential to cause temporary after-image.
- 2,906 minutes of "yellow" glare with potential to cause temporary after-image.





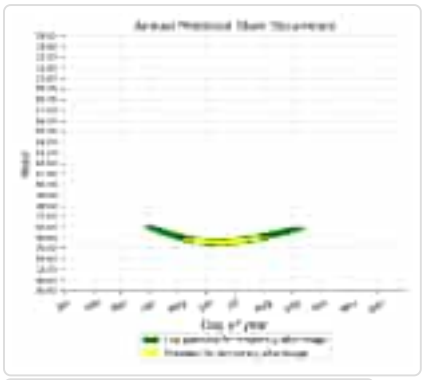


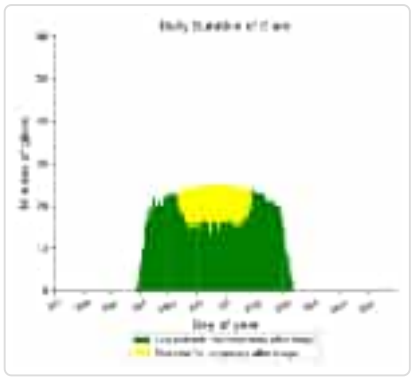


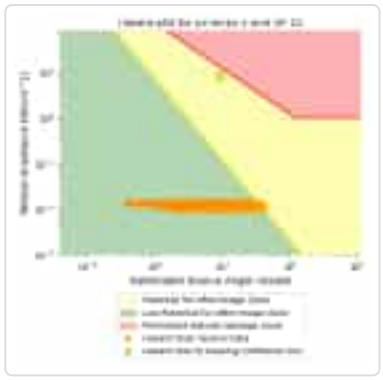
PV array 1: OP 25

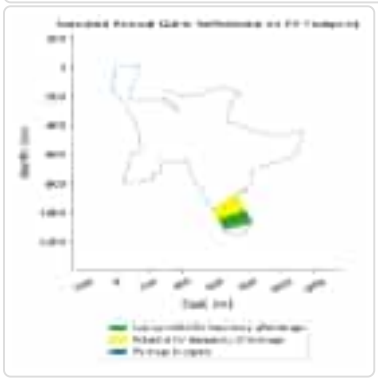
PV array is expected to produce the following glare for this receptor:

- 2,869 minutes of "green" glare with low potential to cause temporary after-image.
- 662 minutes of "yellow" glare with potential to cause temporary after-image.





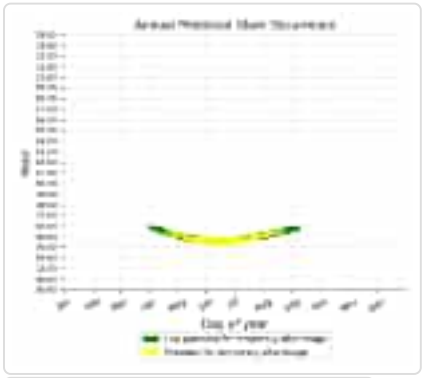


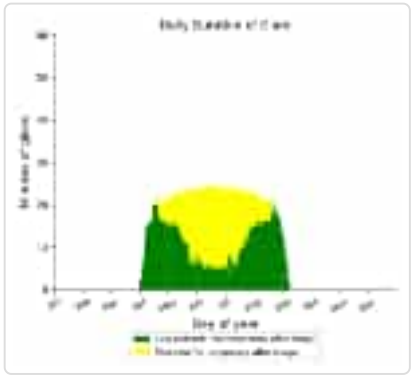


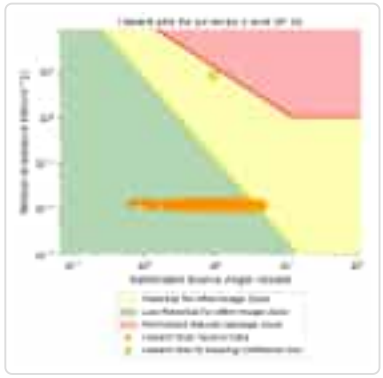
PV array 1: OP 26

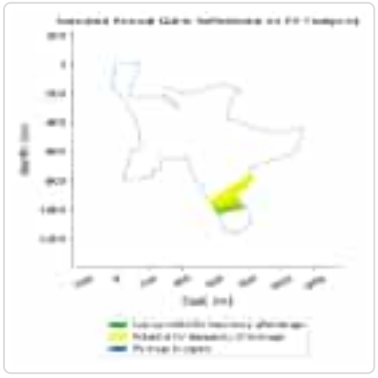
PV array is expected to produce the following glare for this receptor:

- 1,813 minutes of "green" glare with low potential to cause temporary after-image.
- 1,519 minutes of "yellow" glare with potential to cause temporary after-image.





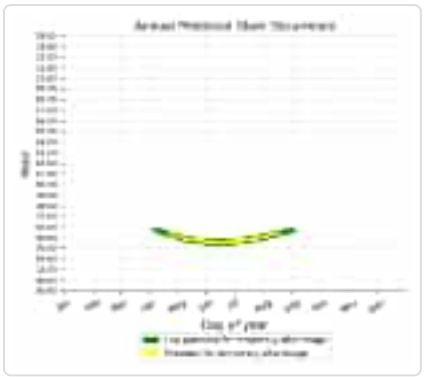


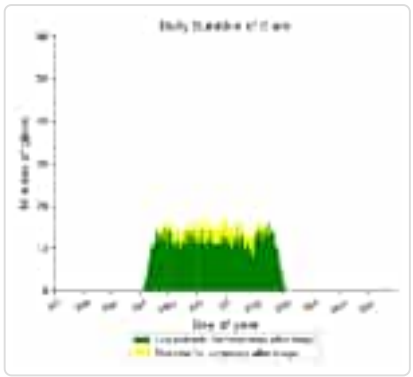


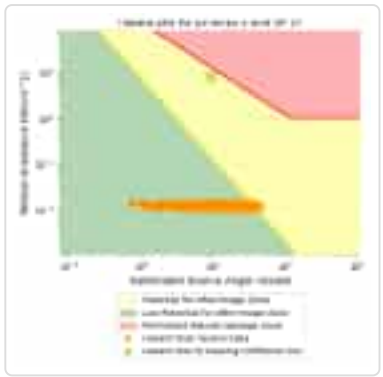
PV array 1: OP 27

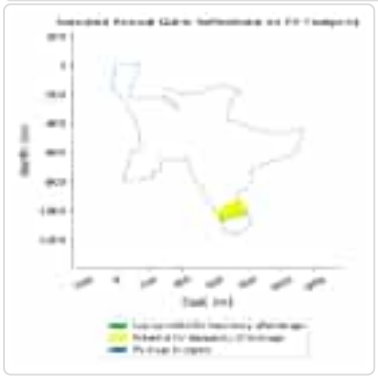
PV array is expected to produce the following glare for this receptor:

- 1,710 minutes of "green" glare with low potential to cause temporary after-image.
- 307 minutes of "yellow" glare with potential to cause temporary after-image.





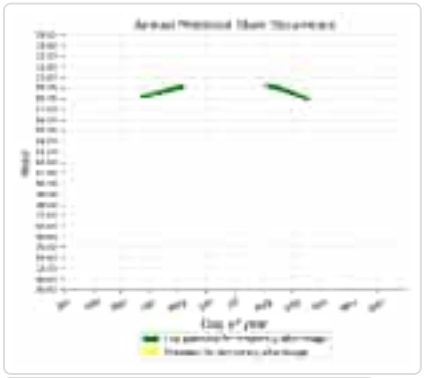


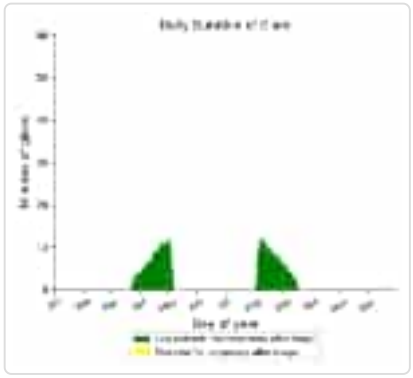


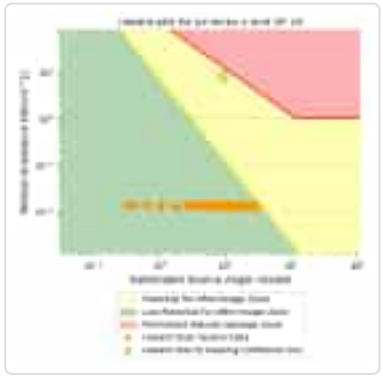
PV array 1: OP 28

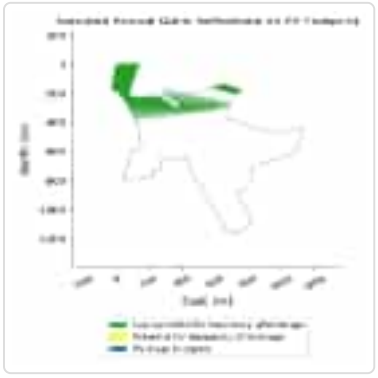
PV array is expected to produce the following glare for this receptor:

- 648 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





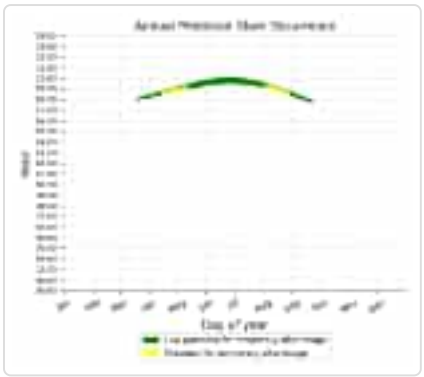


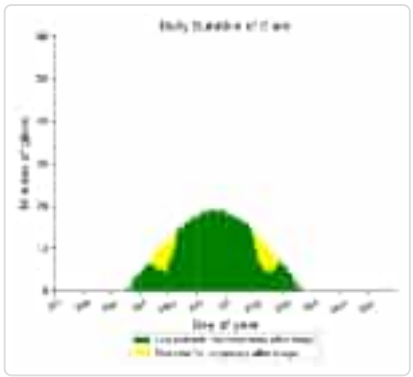


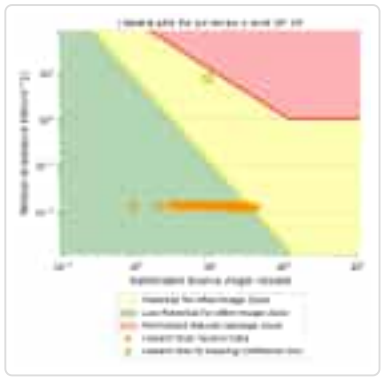
PV array 1: OP 29

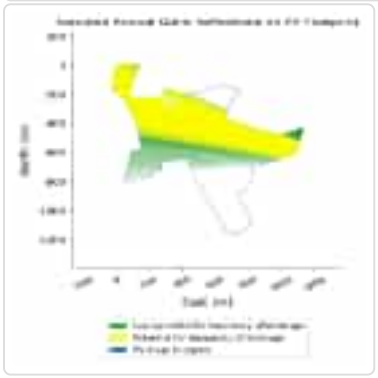
PV array is expected to produce the following glare for this receptor:

- 1,948 minutes of "green" glare with low potential to cause temporary after-image.
- 244 minutes of "yellow" glare with potential to cause temporary after-image.





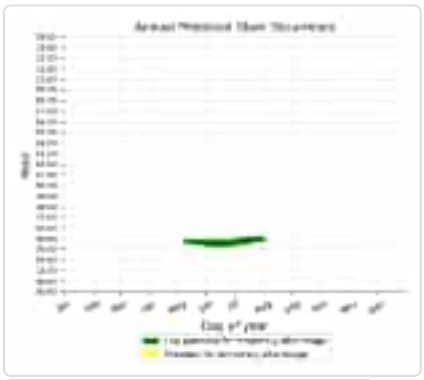


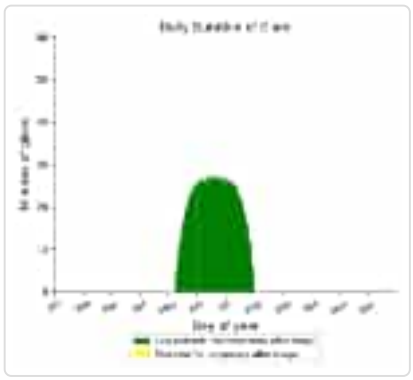


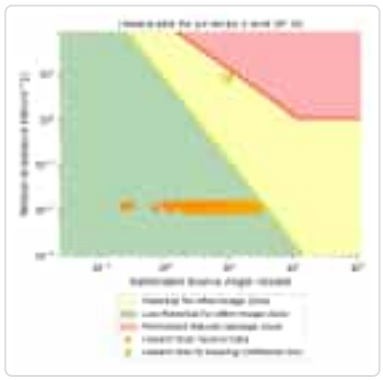
PV array 1: OP 30

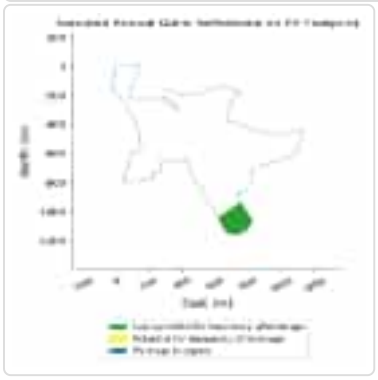
PV array is expected to produce the following glare for this receptor:

- 1,853 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





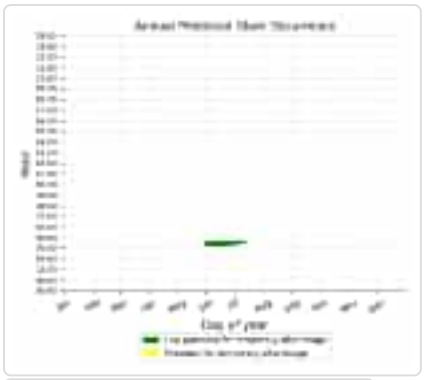


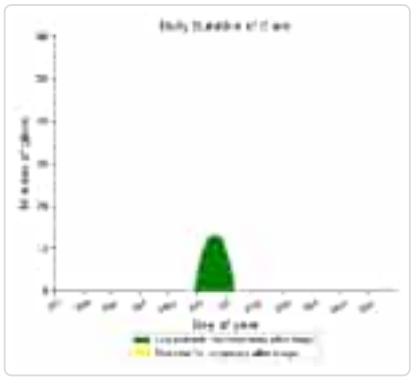


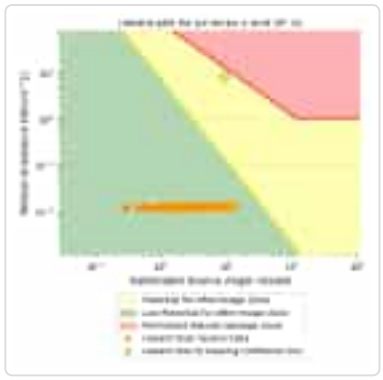
PV array 1: OP 31

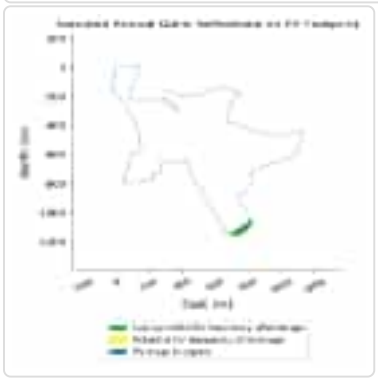
PV array is expected to produce the following glare for this receptor:

- 410 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





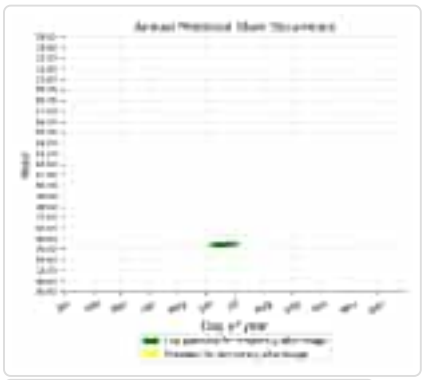


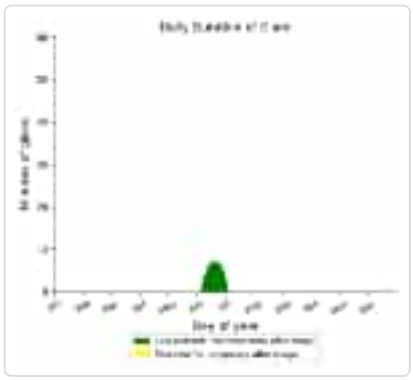


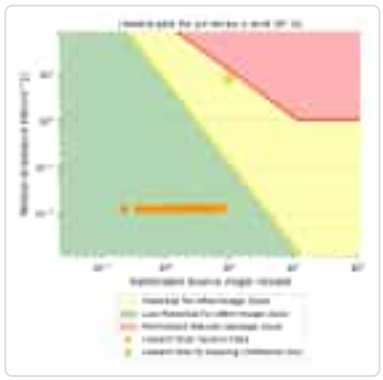
PV array 1: OP 32

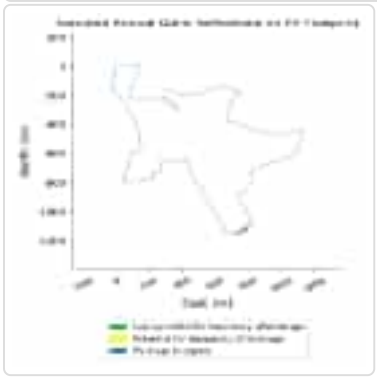
PV array is expected to produce the following glare for this receptor:

- 154 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 33

No glare found

PV array 1: OP 34

No glare found

PV array 1: OP 35

No glare found

PV array 1: OP 36

No glare found

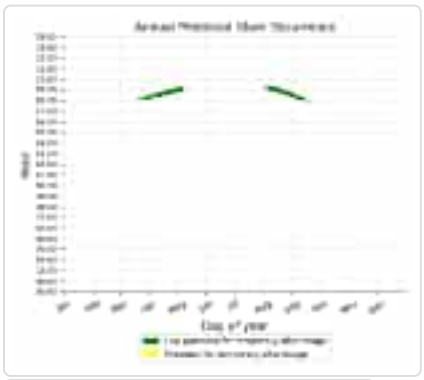
PV array 1: OP 37

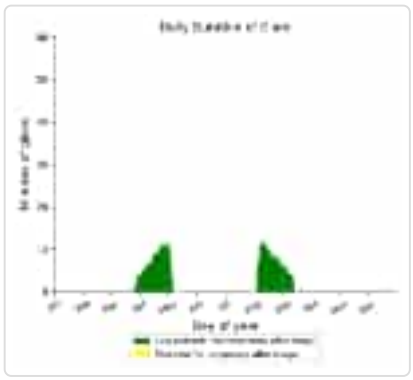
No glare found

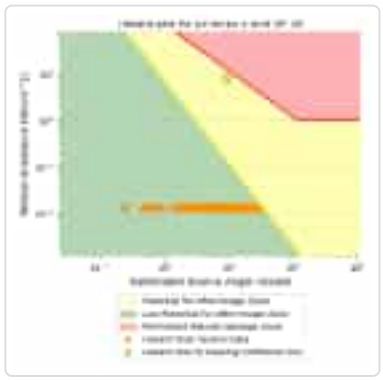
PV array 1: OP 38

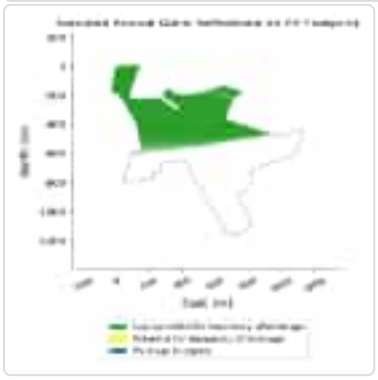
PV array is expected to produce the following glare for this receptor:

- 609 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





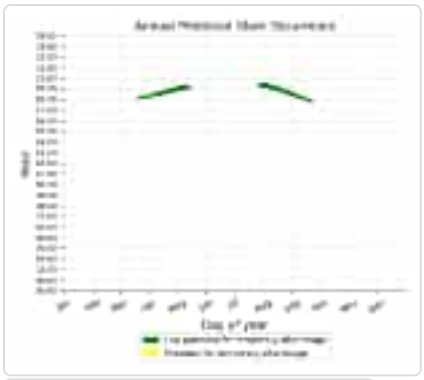


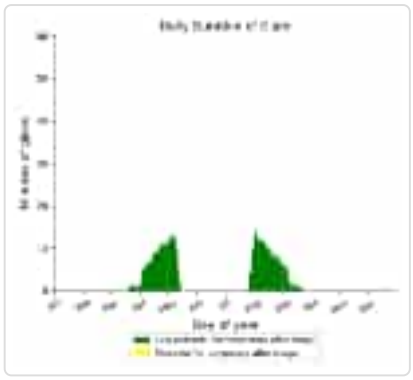


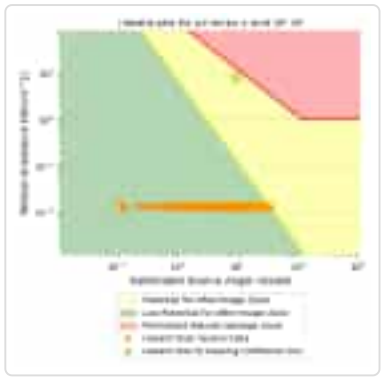
PV array 1: OP 39

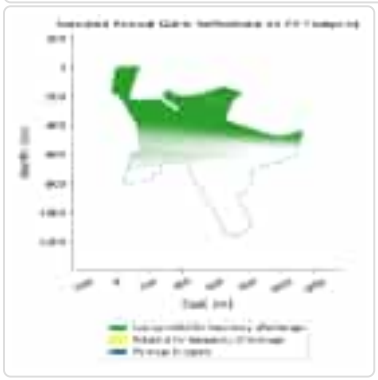
PV array is expected to produce the following glare for this receptor:

- 787 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





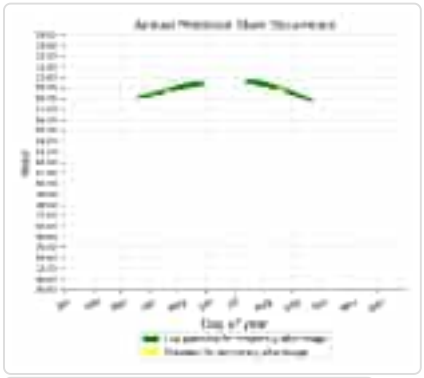


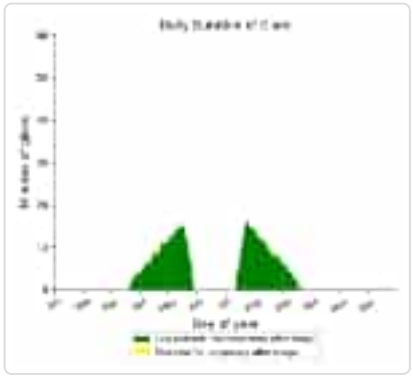


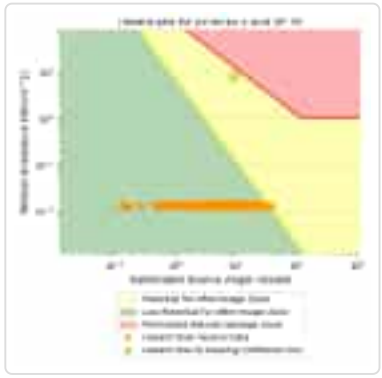
PV array 1: OP 40

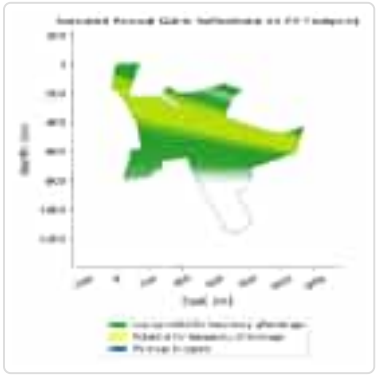
PV array is expected to produce the following glare for this receptor:

- 1,189 minutes of "green" glare with low potential to cause temporary after-image.
- 11 minutes of "yellow" glare with potential to cause temporary after-image.





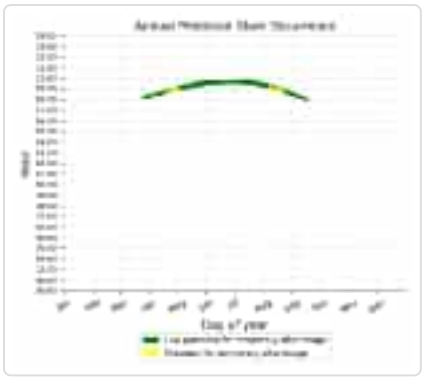


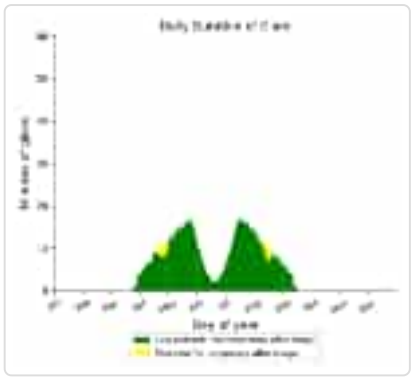


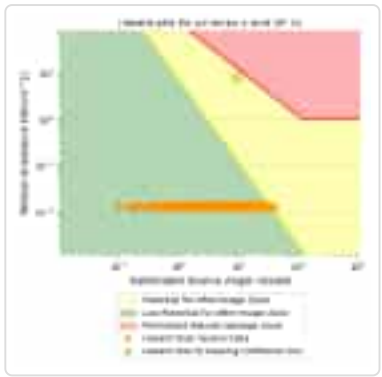
PV array 1: OP 41

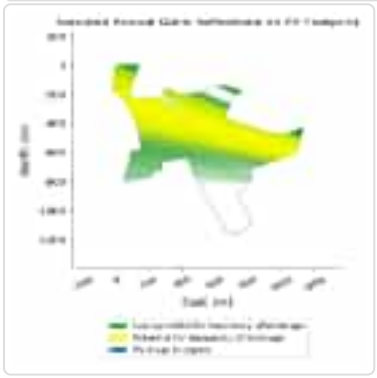
PV array is expected to produce the following glare for this receptor:

- 1,584 minutes of "green" glare with low potential to cause temporary after-image.
- 54 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 42

No glare found

PV array 1: OP 43

No glare found

PV array 1: OP 44

No glare found

PV array 1: OP 45

No glare found

PV array 1: OP 46

No glare found

PV array 1: OP 47

No glare found

PV array 1: OP 48

No glare found

PV array 1: OP 49

No glare found

PV array 1: OP 50

No glare found

PV array 1: OP 51

No glare found

PV array 1: OP 52

No glare found

PV array 1: OP 53

No glare found

PV array 1: OP 54

No glare found

PV array 1: OP 55

No glare found

PV array 1: OP 56

No glare found

PV array 1: OP 57

No glare found

PV array 1: OP 58

No glare found

PV array 1: OP 59

No glare found

PV array 1: OP 60

No glare found

PV array 1: OP 61

No glare found

PV array 1: OP 62

No glare found

PV array 1: OP 63

No glare found

PV array 1: OP 64

No glare found

PV array 1: OP 65

No glare found

PV array 1: OP 66

No glare found

PV array 1: OP 67

No glare found

PV array 1: OP 68

No glare found

PV array 1: OP 69

No glare found

PV array 1: OP 70

No glare found

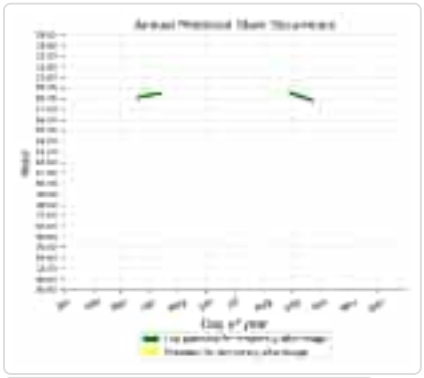
PV array 1: OP 71

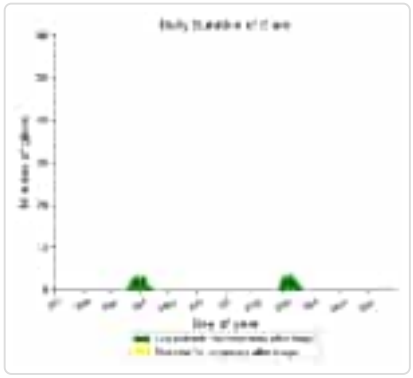
No glare found

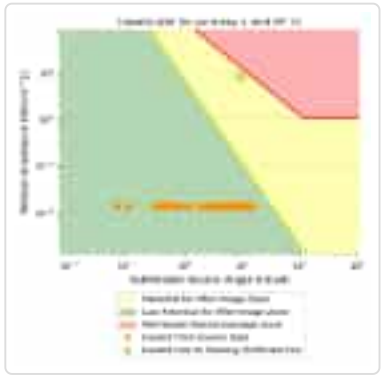
PV array 1: OP 72

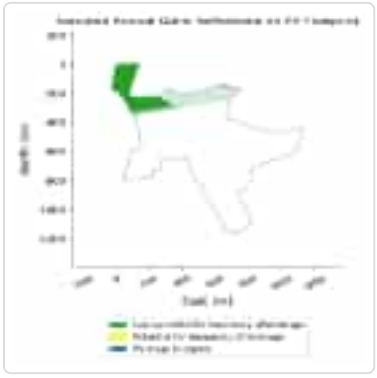
PV array is expected to produce the following glare for this receptor:

- 122 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





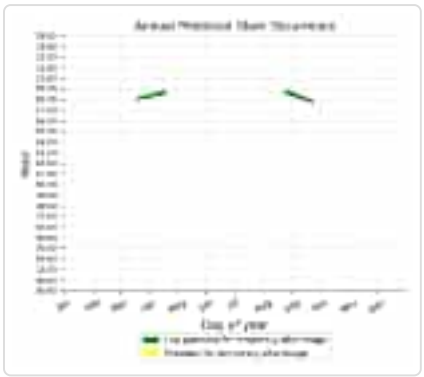


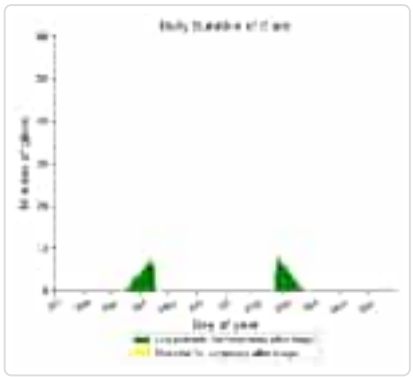


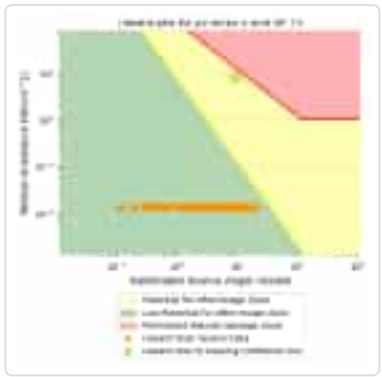
PV array 1: OP 73

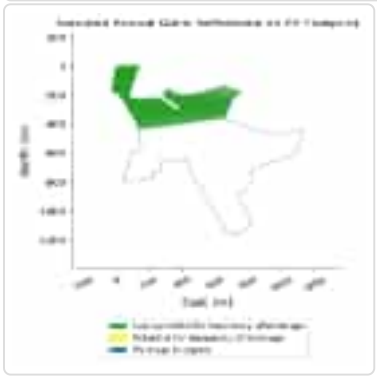
PV array is expected to produce the following glare for this receptor:

- 254 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





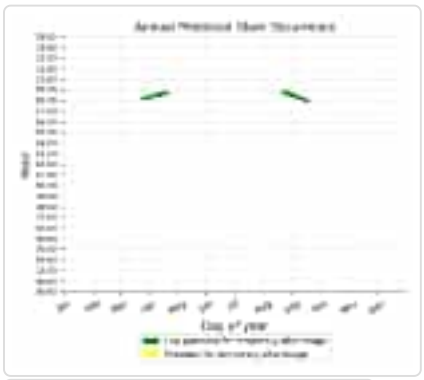


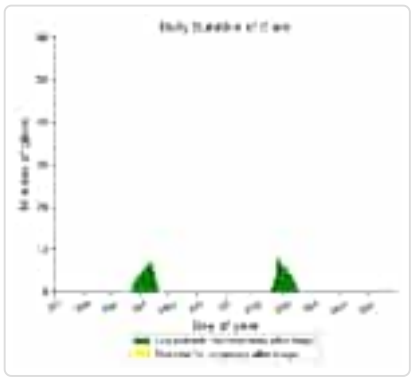


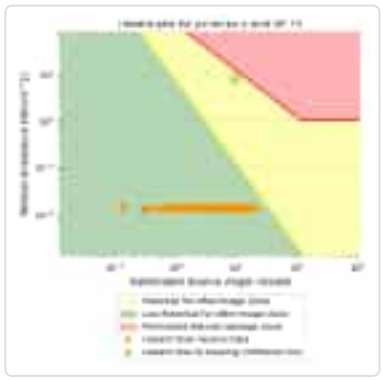
PV array 1: OP 74

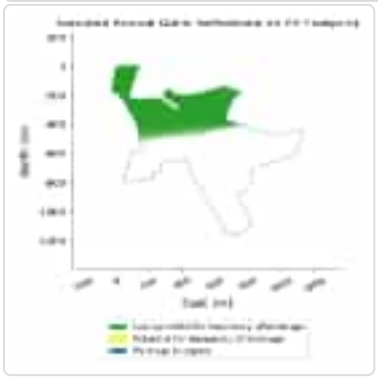
PV array is expected to produce the following glare for this receptor:

- 252 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





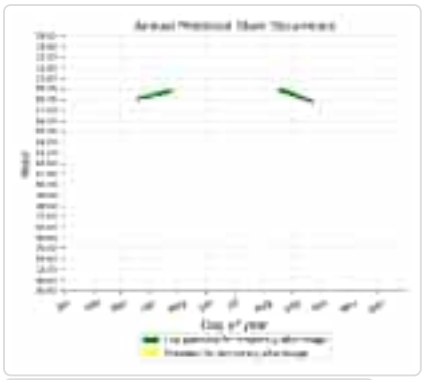


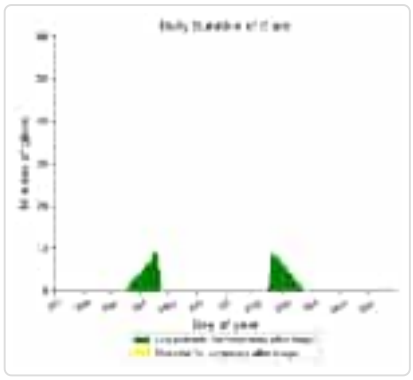


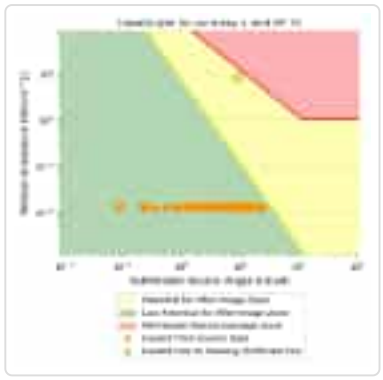
PV array 1: OP 75

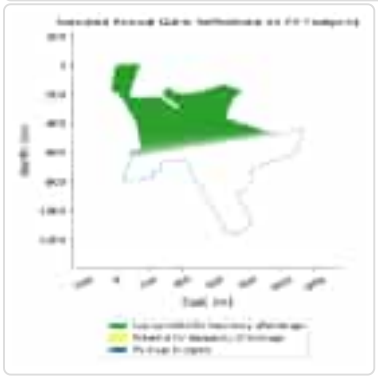
PV array is expected to produce the following glare for this receptor:

- 359 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





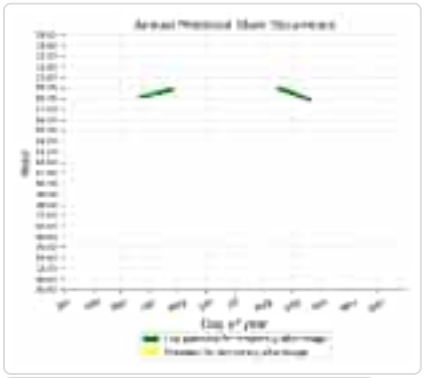


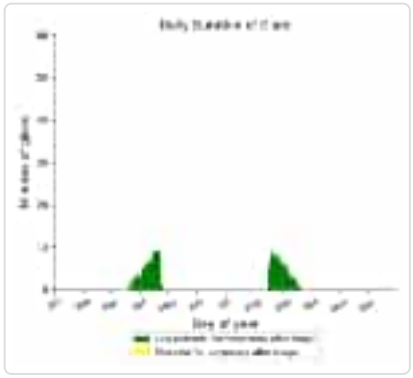


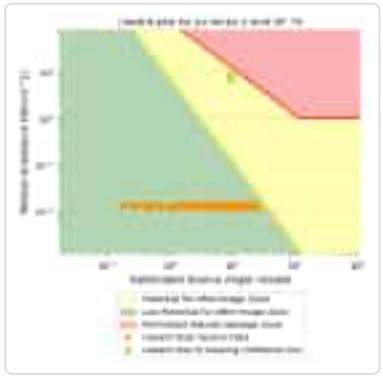
PV array 1: OP 76

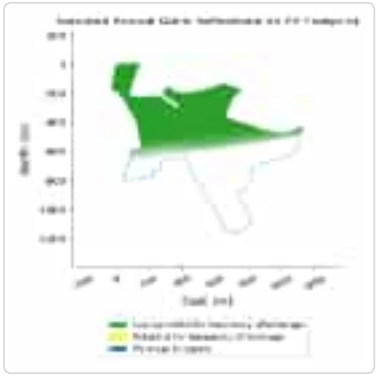
PV array is expected to produce the following glare for this receptor:

- 374 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





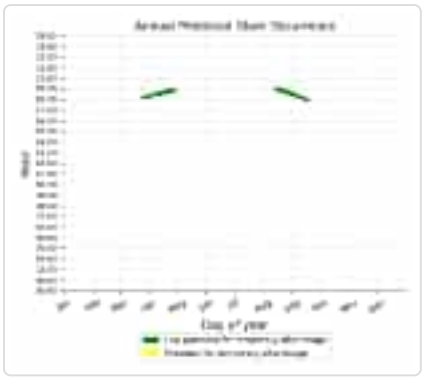


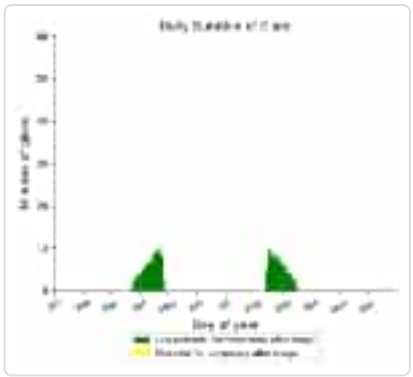


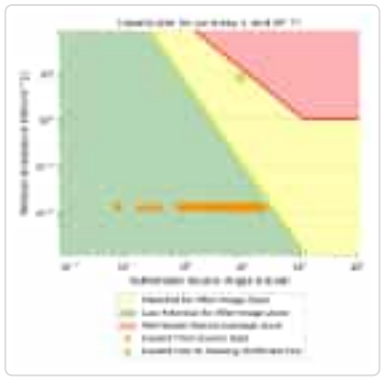
PV array 1: OP 77

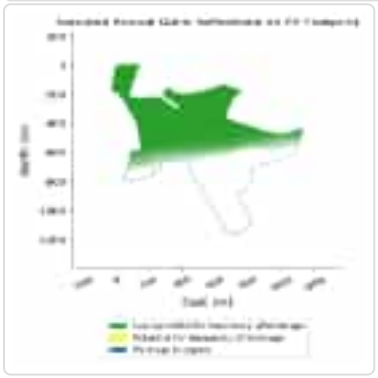
PV array is expected to produce the following glare for this receptor:

- 411 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





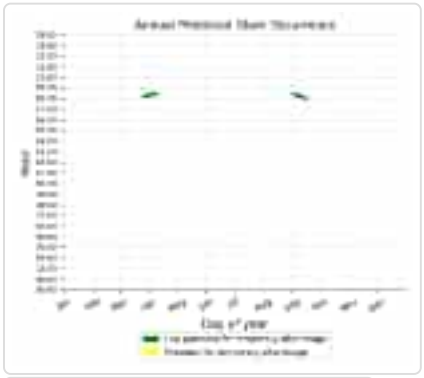


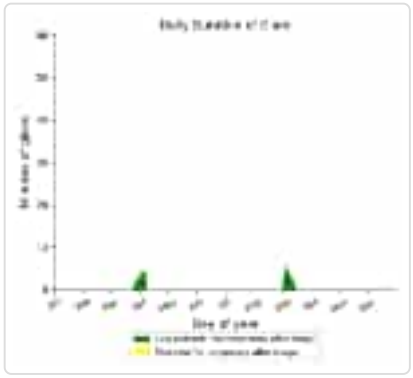


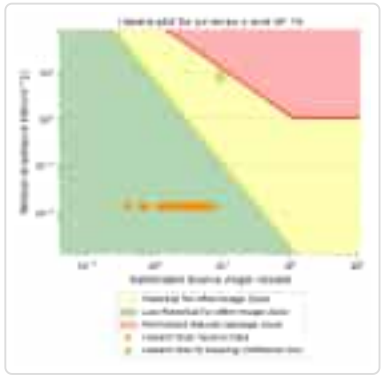
PV array 1: OP 78

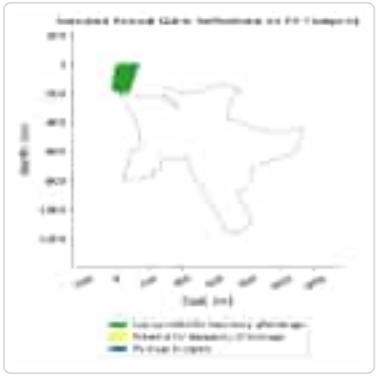
PV array is expected to produce the following glare for this receptor:

- 91 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





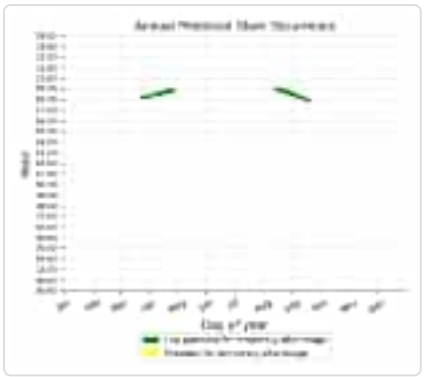


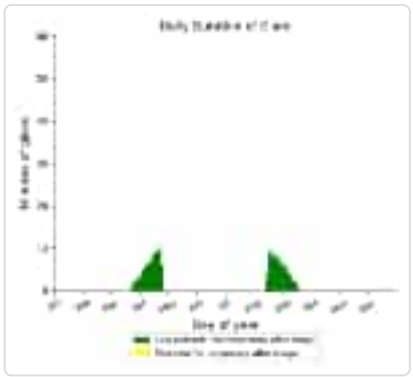


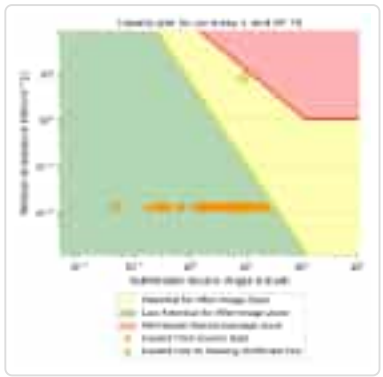
PV array 1: OP 79

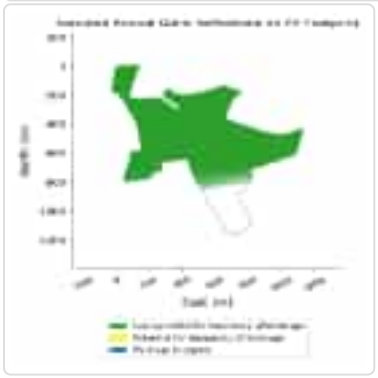
PV array is expected to produce the following glare for this receptor:

- 394 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





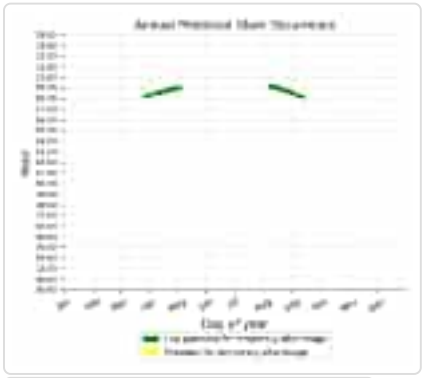


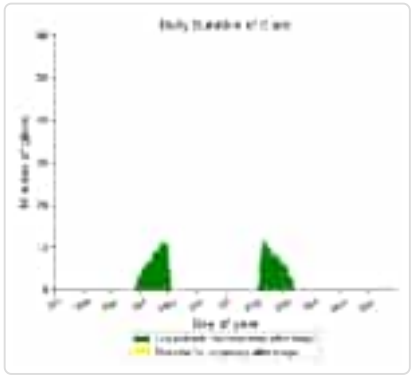


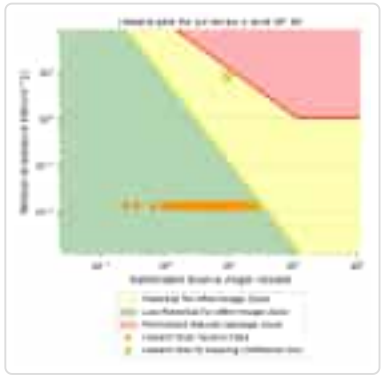
PV array 1: OP 80

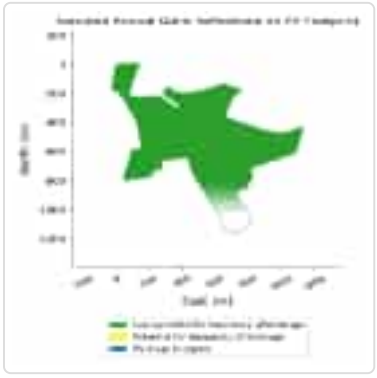
PV array is expected to produce the following glare for this receptor:

- 543 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 11 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 12 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 13 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 14 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 15 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 2 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	37	0
OP: OP 3	0	0
OP: OP 4	79	0
OP: OP 5	214	0
OP: OP 6	727	0
OP: OP 7	0	0
OP: OP 8	2089	0
OP: OP 9	1977	0
OP: OP 10	2117	0
OP: OP 11	2140	0
OP: OP 12	51	0
OP: OP 13	1453	0
OP: OP 14	2149	0
OP: OP 15	2013	133
OP: OP 16	1880	202
OP: OP 17	1979	73
OP: OP 18	1687	0

OP: OP 19	1659	0
OP: OP 20	1688	0
OP: OP 21	1380	0
OP: OP 22	1237	0
OP: OP 23	1460	257
OP: OP 24	1413	145
OP: OP 25	408	0
OP: OP 26	853	0
OP: OP 27	0	0
OP: OP 28	1435	265
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	1601	127
OP: OP 39	778	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	1089	0
OP: OP 53	441	0
OP: OP 54	377	0
OP: OP 55	346	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	996	0
OP: OP 60	1656	0
OP: OP 61	1748	0
OP: OP 62	2520	23
OP: OP 63	3212	200
OP: OP 64	2040	0
OP: OP 65	1914	0
OP: OP 66	2131	0
OP: OP 67	1853	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	5040	638
OP: OP 72	2195	2014

OP: OP 73	2299	1653
OP: OP 74	2564	1074
OP: OP 75	2514	928
OP: OP 76	2470	732
OP: OP 77	2533	426
OP: OP 78	3809	141
OP: OP 79	2918	0
OP: OP 80	2566	0

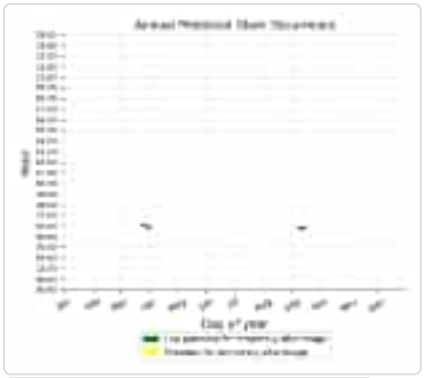
PV array 2: OP 1

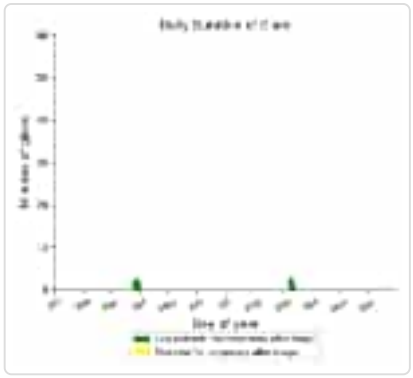
No glare found

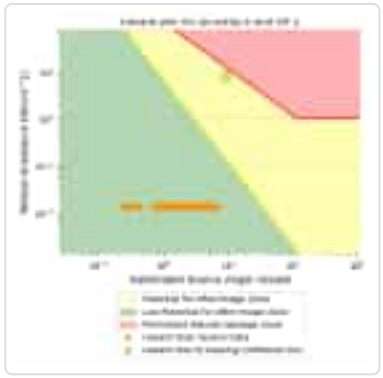
PV array 2: OP 2

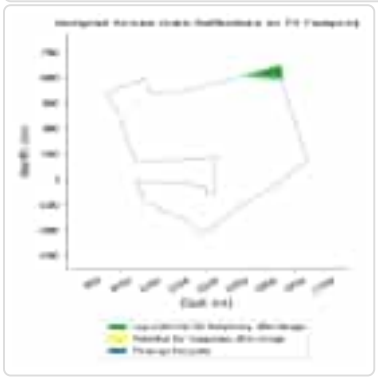
PV array is expected to produce the following glare for this receptor:

- 37 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









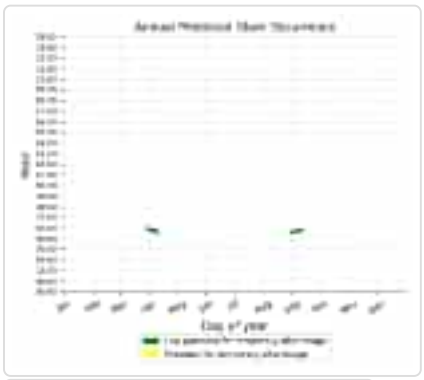
PV array 2: OP 3

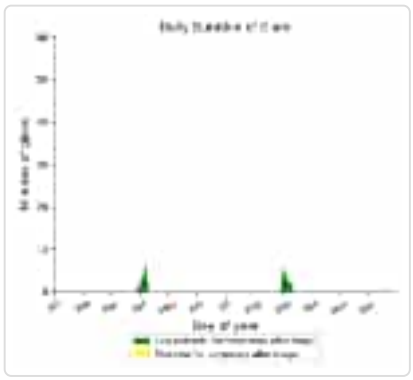
No glare found

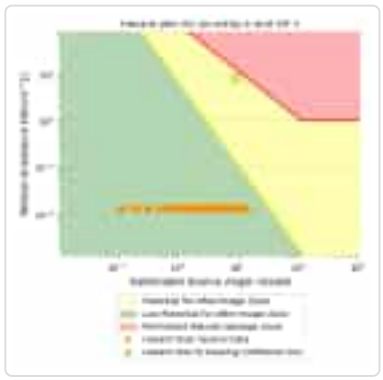
PV array 2: OP 4

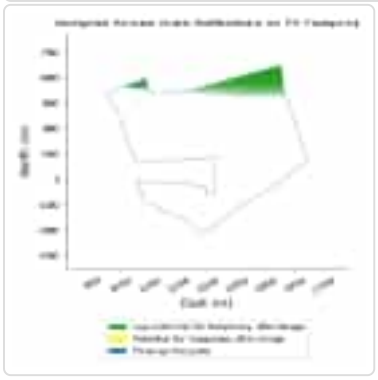
PV array is expected to produce the following glare for this receptor:

- 79 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





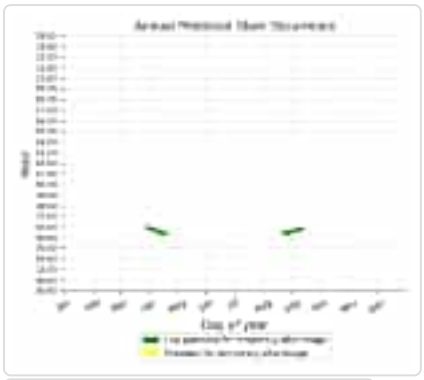


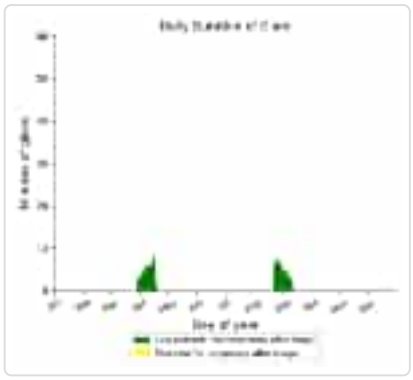


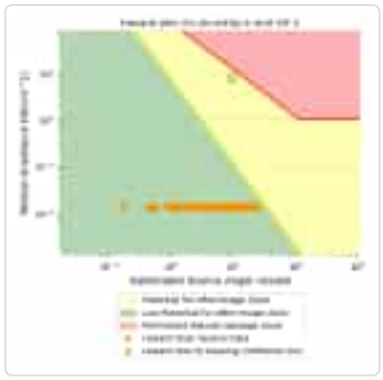
PV array 2: OP 5

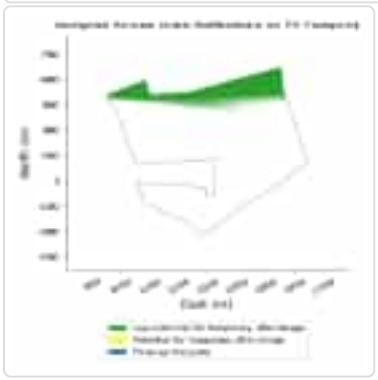
PV array is expected to produce the following glare for this receptor:

- 214 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





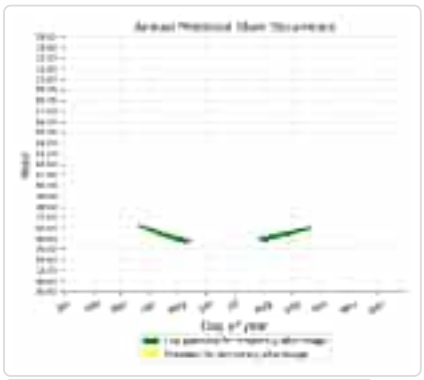


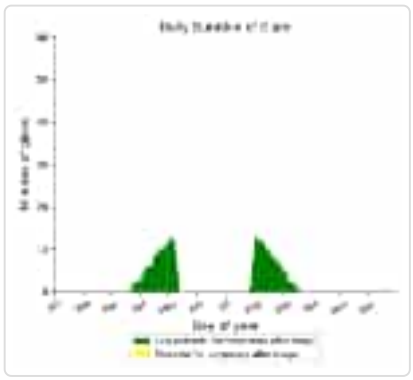


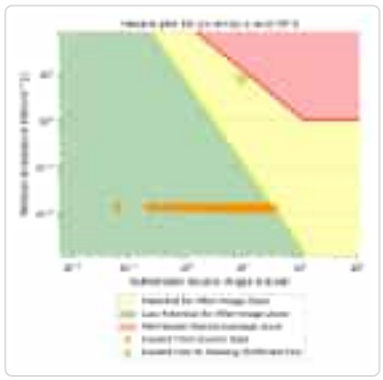
PV array 2: OP 6

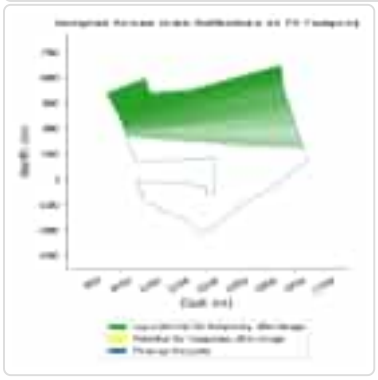
PV array is expected to produce the following glare for this receptor:

- 727 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









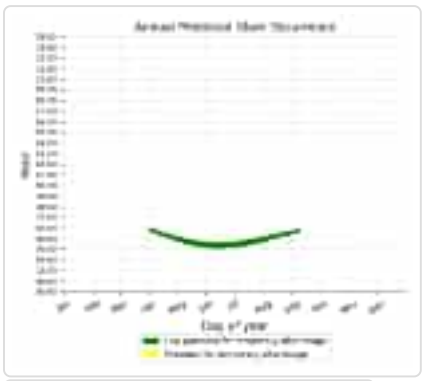
PV array 2: OP 7

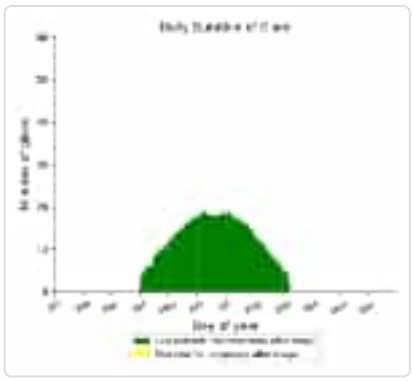
No glare found

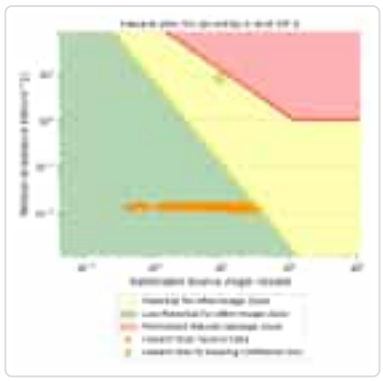
PV array 2: OP 8

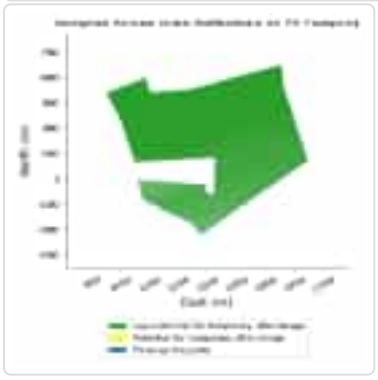
PV array is expected to produce the following glare for this receptor:

- 2,089 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





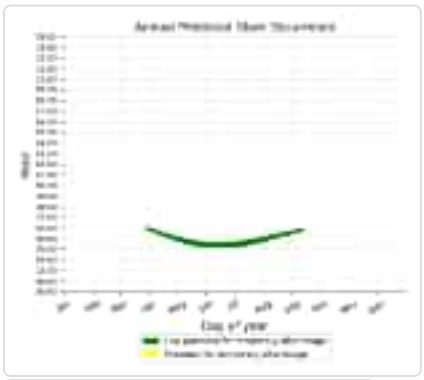


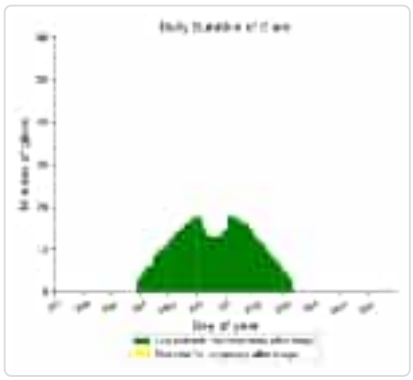


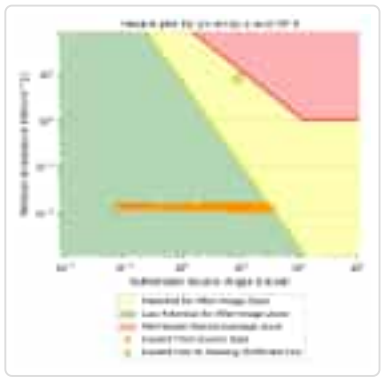
PV array 2: OP 9

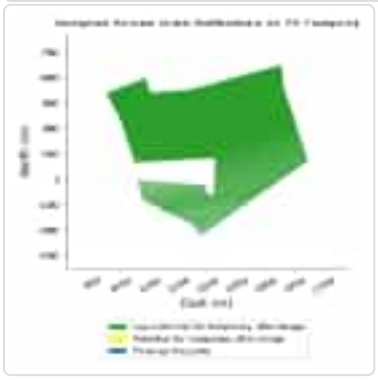
PV array is expected to produce the following glare for this receptor:

- 1,977 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





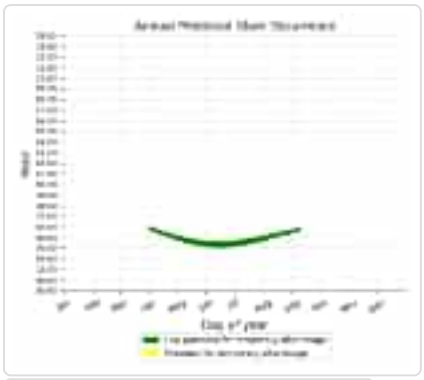


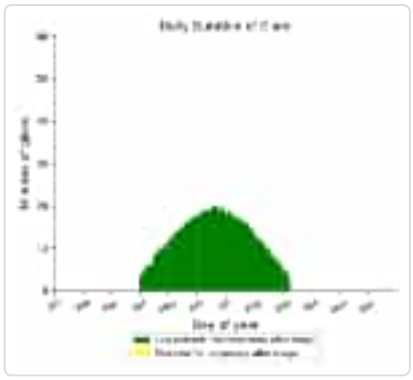


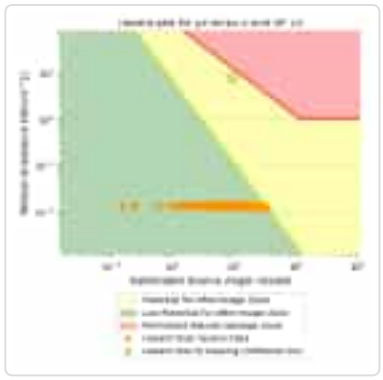
PV array 2: OP 10

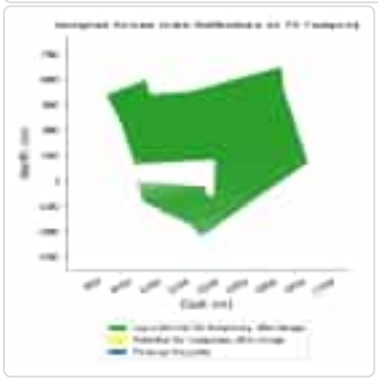
PV array is expected to produce the following glare for this receptor:

- 2,117 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





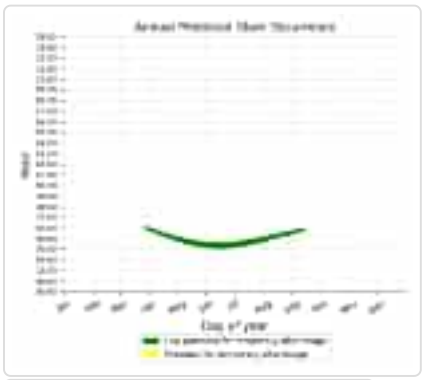


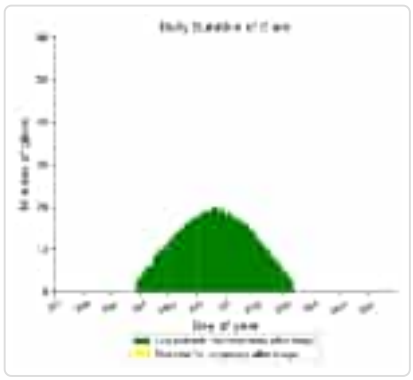


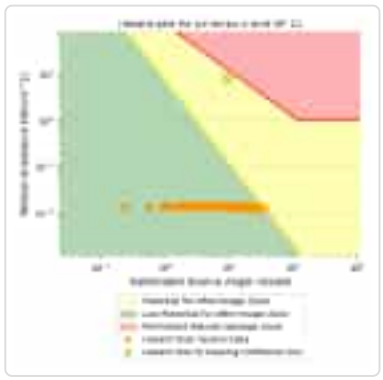
PV array 2: OP 11

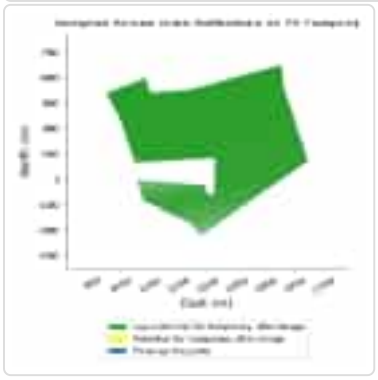
PV array is expected to produce the following glare for this receptor:

- 2,140 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





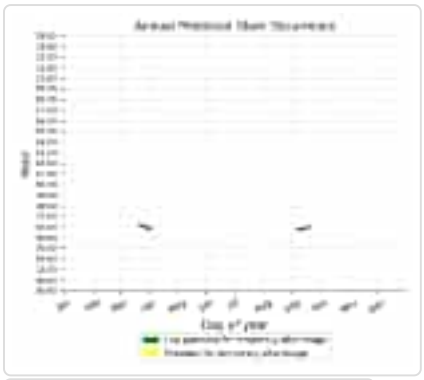


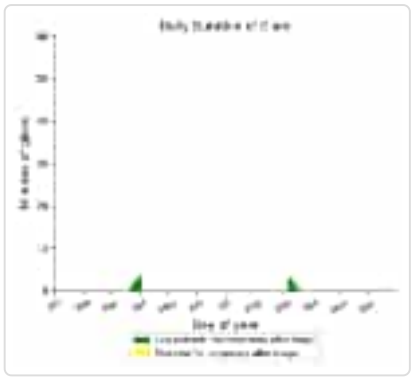


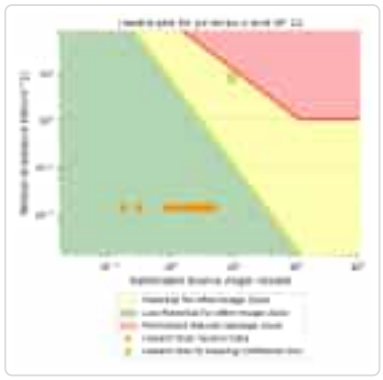
PV array 2: OP 12

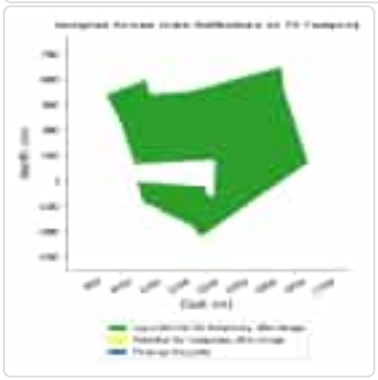
PV array is expected to produce the following glare for this receptor:

- 51 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





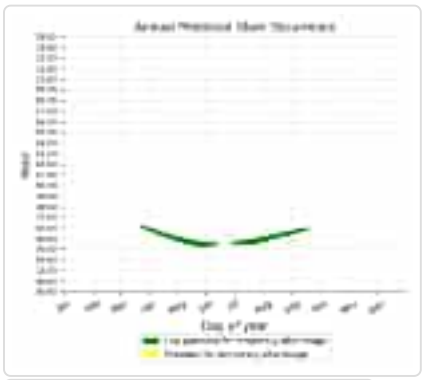


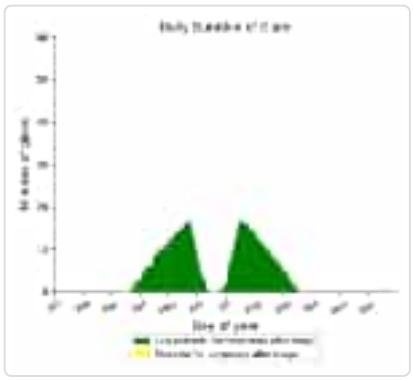


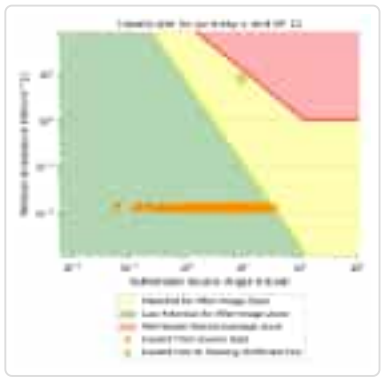
PV array 2: OP 13

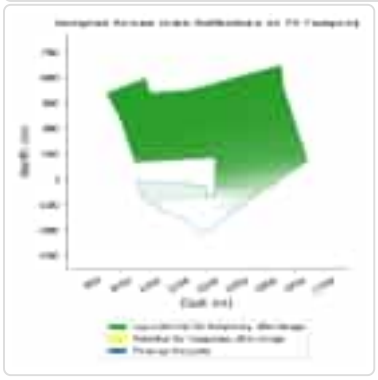
PV array is expected to produce the following glare for this receptor:

- 1,453 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





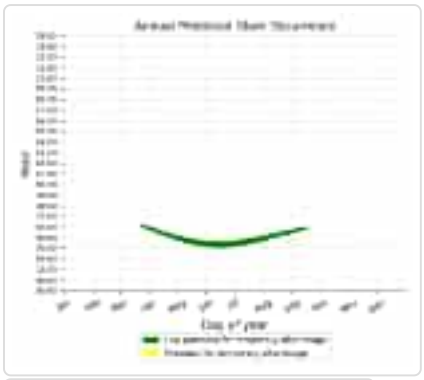


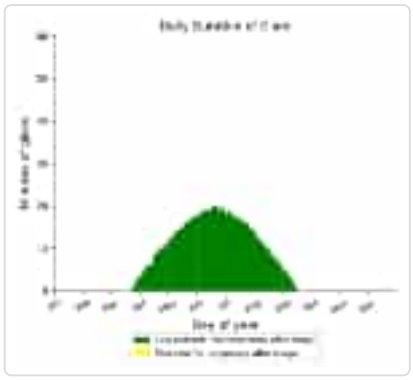


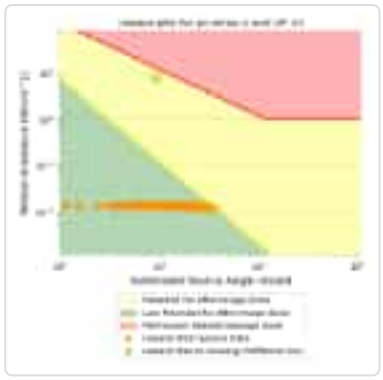
PV array 2: OP 14

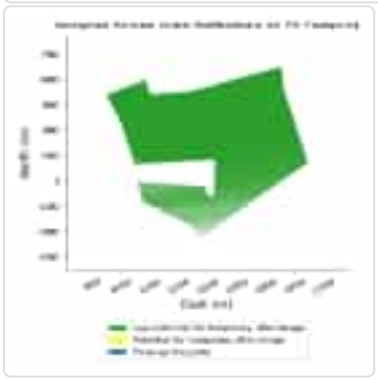
PV array is expected to produce the following glare for this receptor:

- 2,149 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





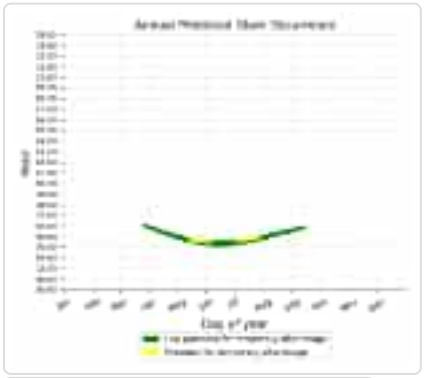


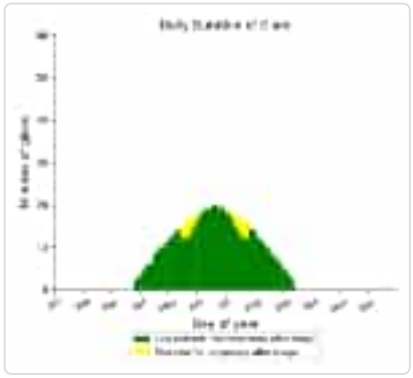


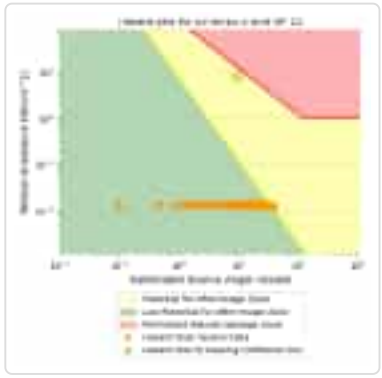
PV array 2: OP 15

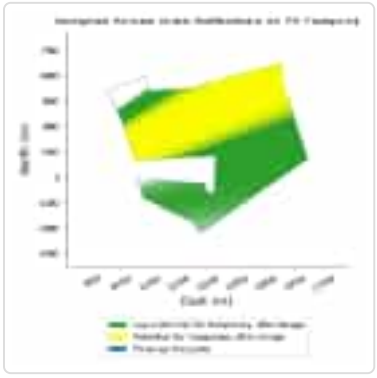
PV array is expected to produce the following glare for this receptor:

- 2,013 minutes of "green" glare with low potential to cause temporary after-image.
- 133 minutes of "yellow" glare with potential to cause temporary after-image.





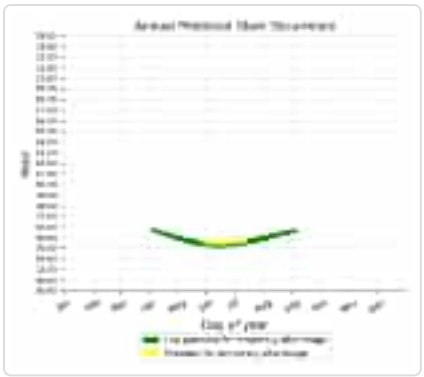


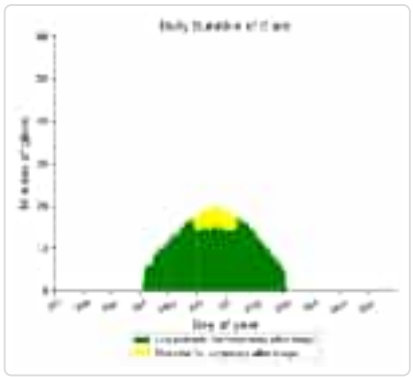


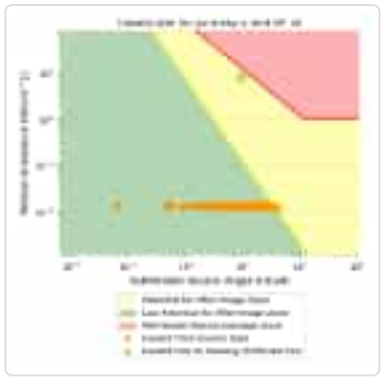
PV array 2: OP 16

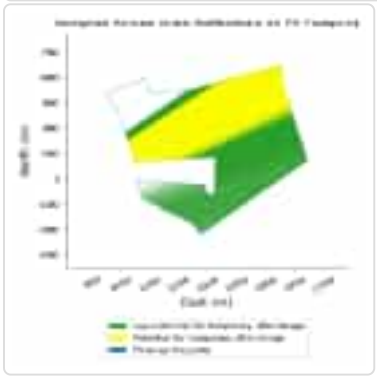
PV array is expected to produce the following glare for this receptor:

- 1,880 minutes of "green" glare with low potential to cause temporary after-image.
- 202 minutes of "yellow" glare with potential to cause temporary after-image.





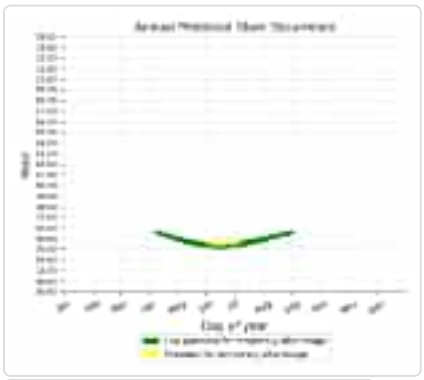


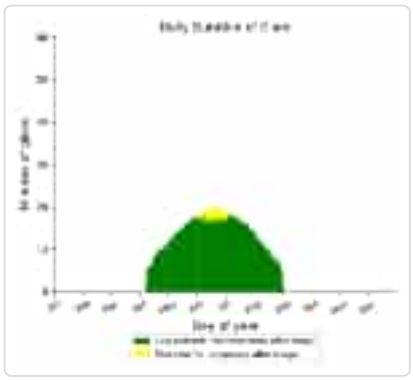


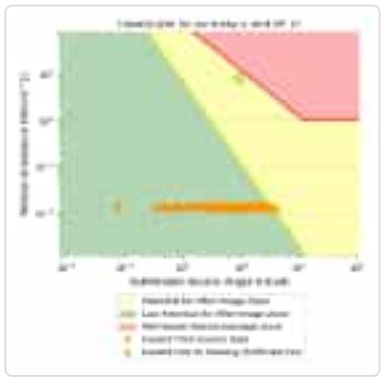
PV array 2: OP 17

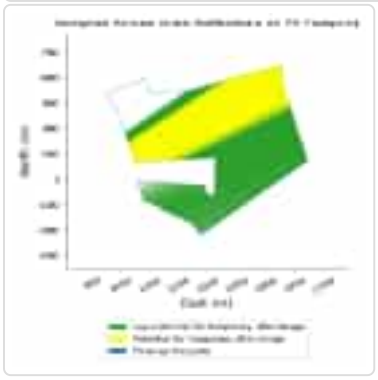
PV array is expected to produce the following glare for this receptor:

- 1,979 minutes of "green" glare with low potential to cause temporary after-image.
- 73 minutes of "yellow" glare with potential to cause temporary after-image.





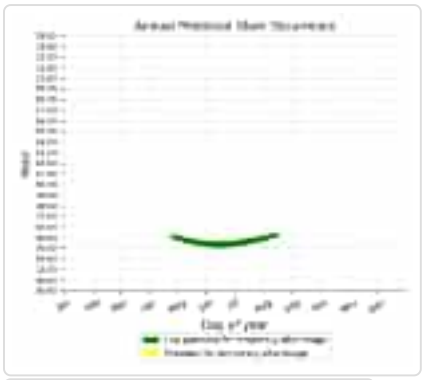


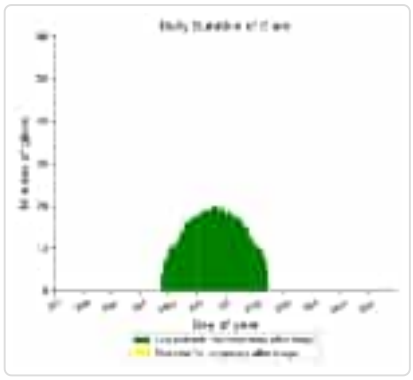


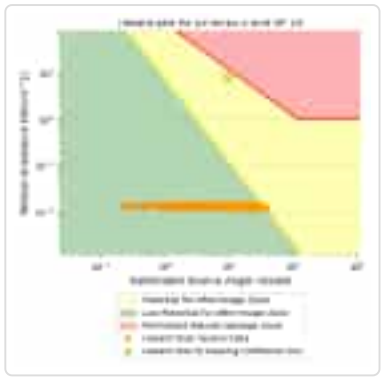
PV array 2: OP 18

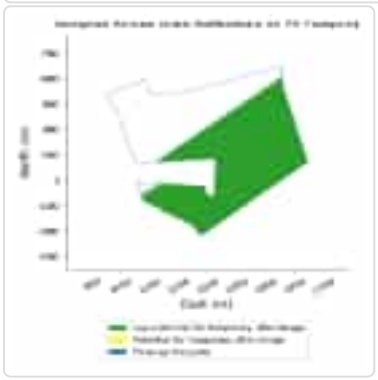
PV array is expected to produce the following glare for this receptor:

- 1,687 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





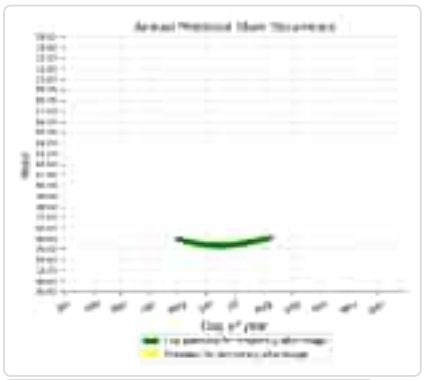


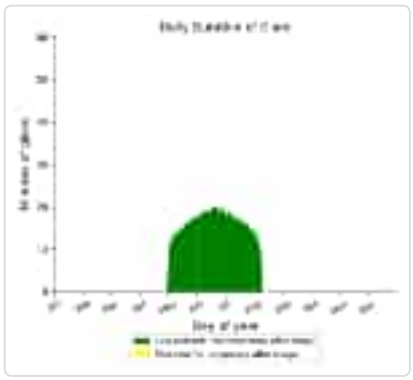


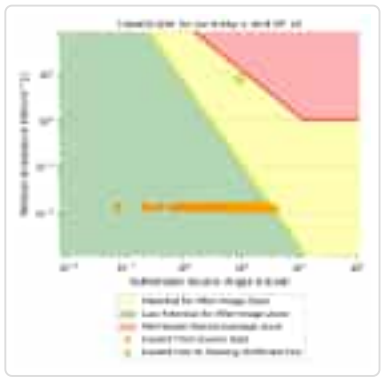
PV array 2: OP 19

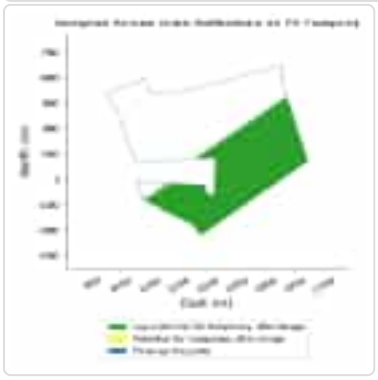
PV array is expected to produce the following glare for this receptor:

- 1,659 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





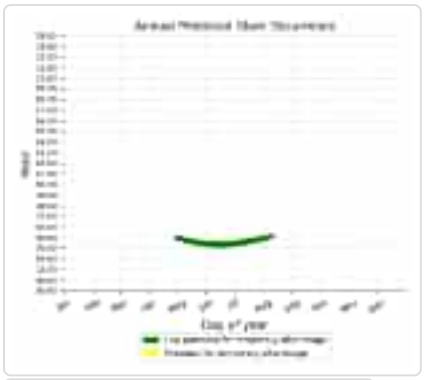


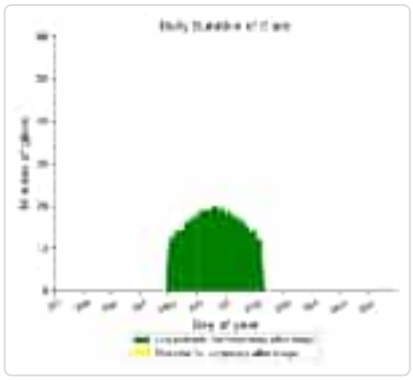


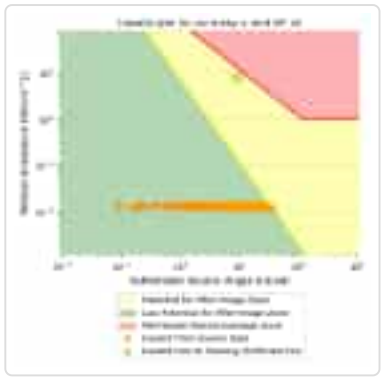
PV array 2: OP 20

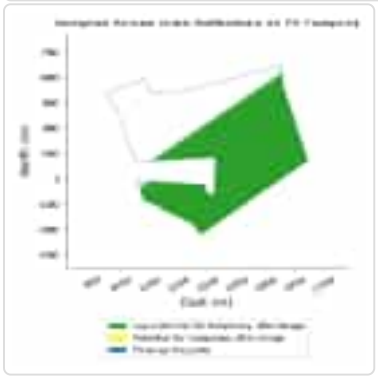
PV array is expected to produce the following glare for this receptor:

- 1,688 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





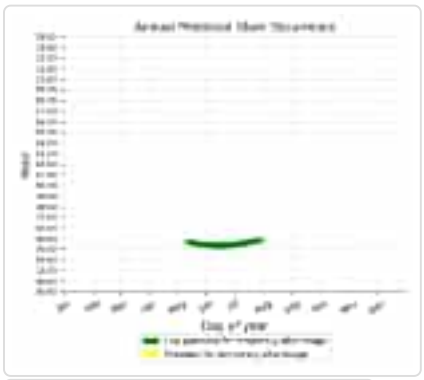


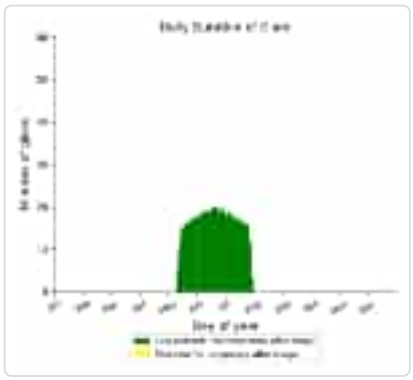


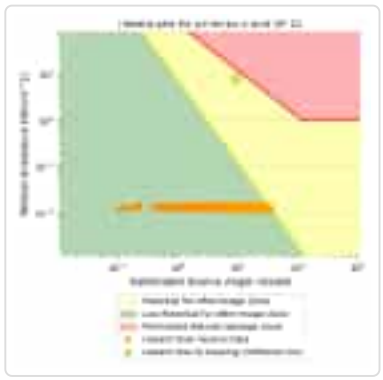
PV array 2: OP 21

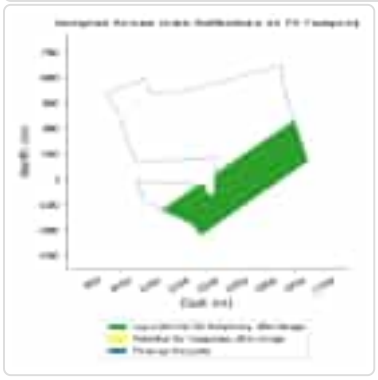
PV array is expected to produce the following glare for this receptor:

- 1,380 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





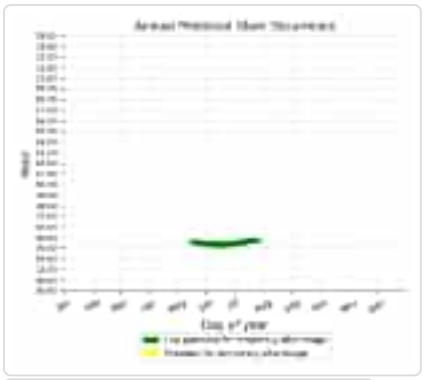


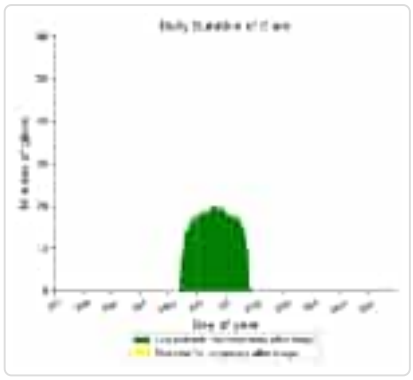


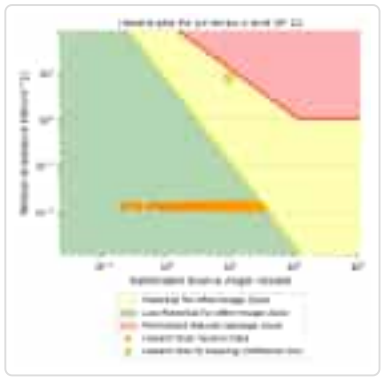
PV array 2: OP 22

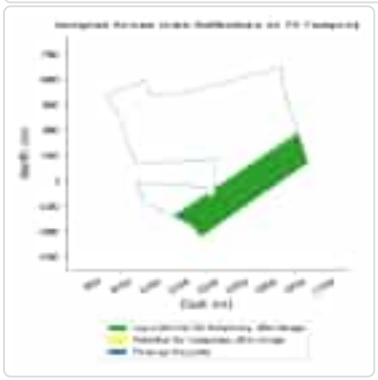
PV array is expected to produce the following glare for this receptor:

- 1,237 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





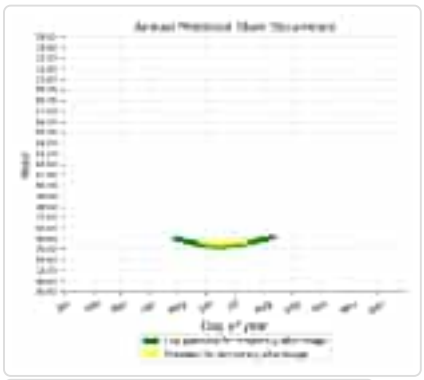


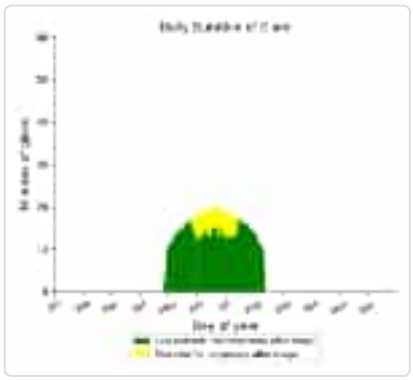


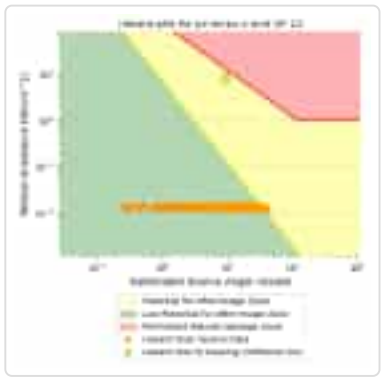
PV array 2: OP 23

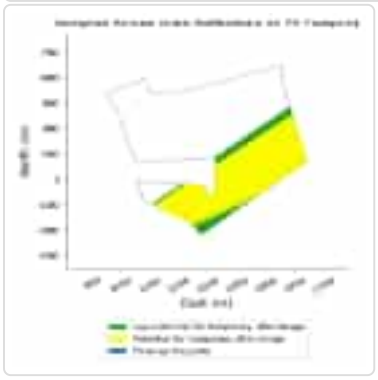
PV array is expected to produce the following glare for this receptor:

- 1,460 minutes of "green" glare with low potential to cause temporary after-image.
- 257 minutes of "yellow" glare with potential to cause temporary after-image.





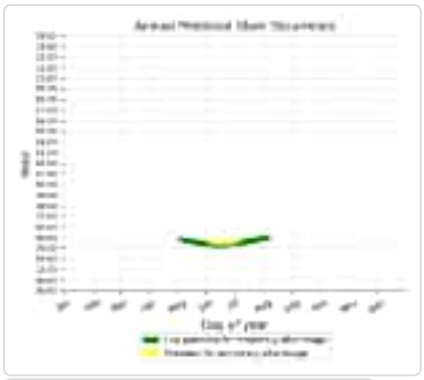


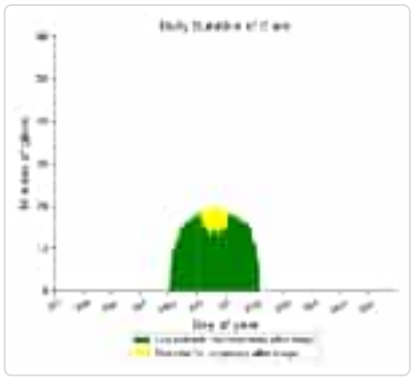


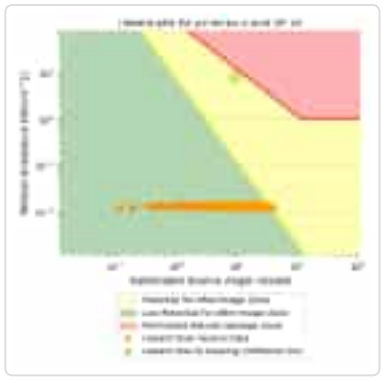
PV array 2: OP 24

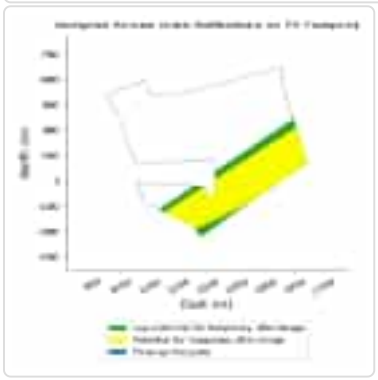
PV array is expected to produce the following glare for this receptor:

- 1,413 minutes of "green" glare with low potential to cause temporary after-image.
- 145 minutes of "yellow" glare with potential to cause temporary after-image.





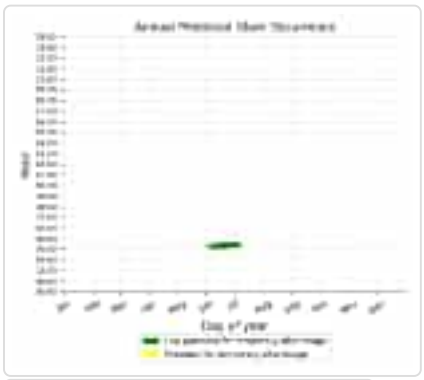


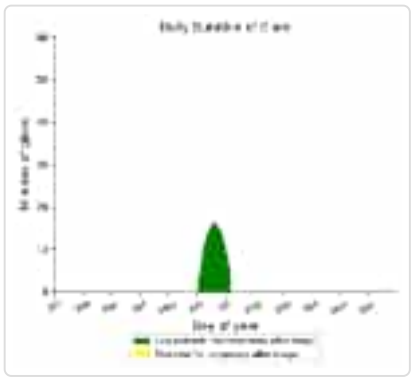


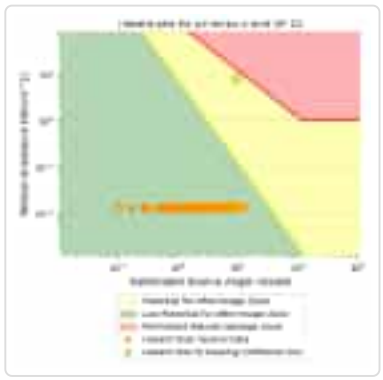
PV array 2: OP 25

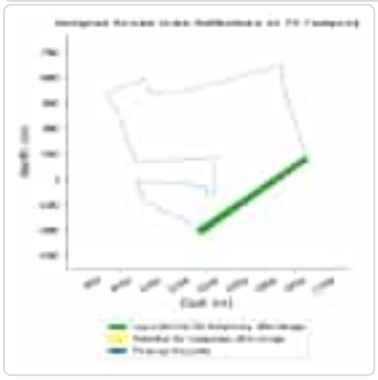
PV array is expected to produce the following glare for this receptor:

- 408 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





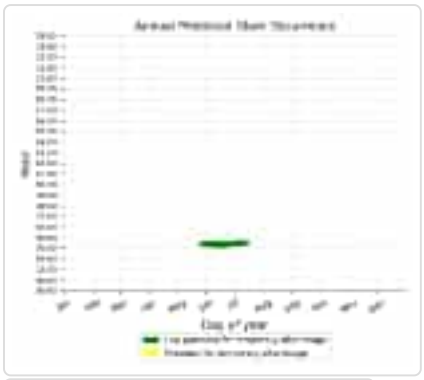


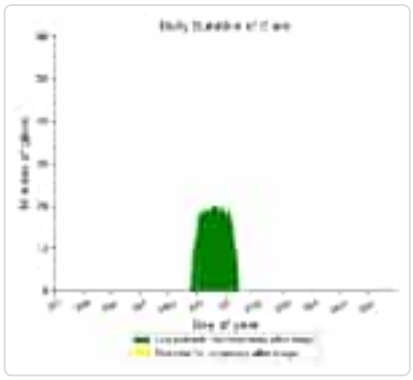


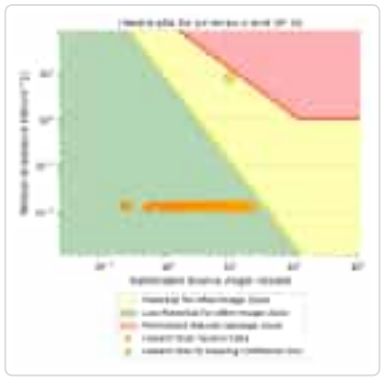
PV array 2: OP 26

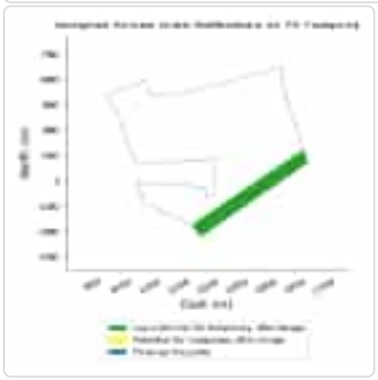
PV array is expected to produce the following glare for this receptor:

- 853 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









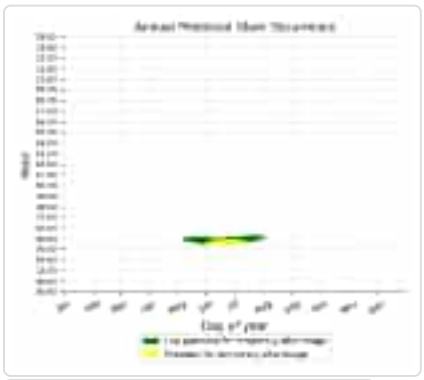
PV array 2: OP 27

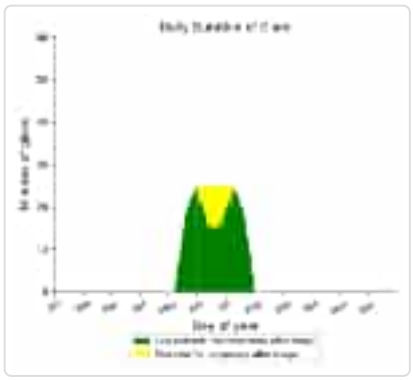
No glare found

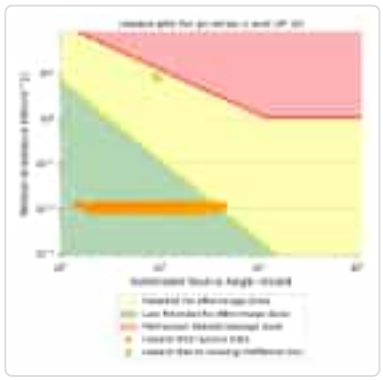
PV array 2: OP 28

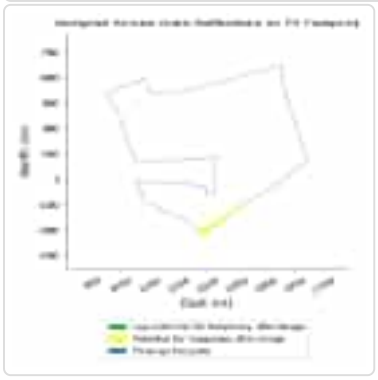
PV array is expected to produce the following glare for this receptor:

- 1,435 minutes of "green" glare with low potential to cause temporary after-image.
- 265 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 29

No glare found

PV array 2: OP 30

No glare found

PV array 2: OP 31

No glare found

PV array 2: OP 32

No glare found

PV array 2: OP 33

No glare found

PV array 2: OP 34

No glare found

PV array 2: OP 35

No glare found

PV array 2: OP 36

No glare found

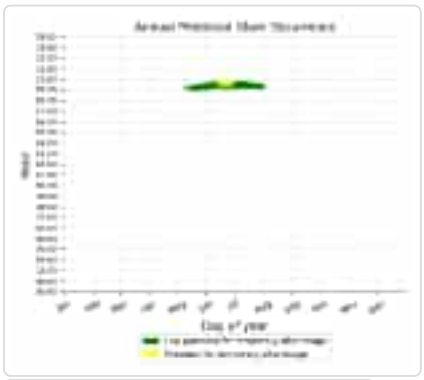
PV array 2: OP 37

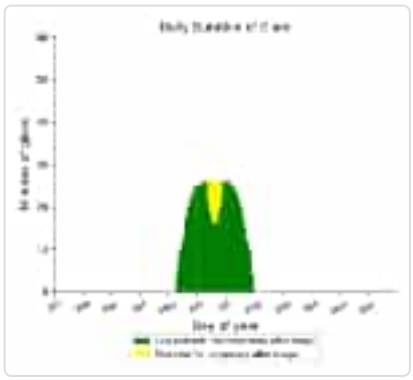
No glare found

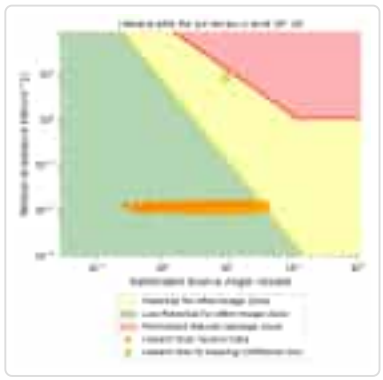
PV array 2: OP 38

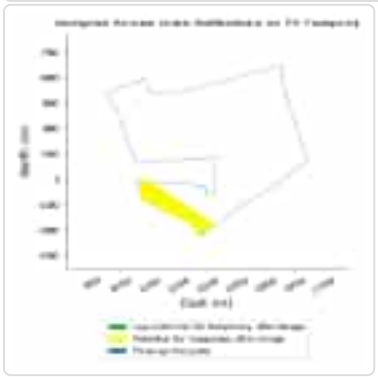
PV array is expected to produce the following glare for this receptor:

- 1,601 minutes of "green" glare with low potential to cause temporary after-image.
- 127 minutes of "yellow" glare with potential to cause temporary after-image.





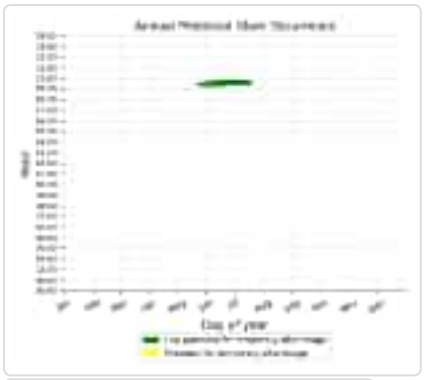


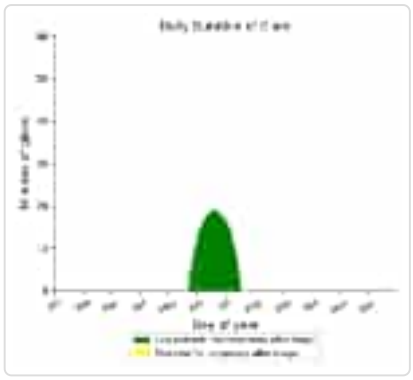


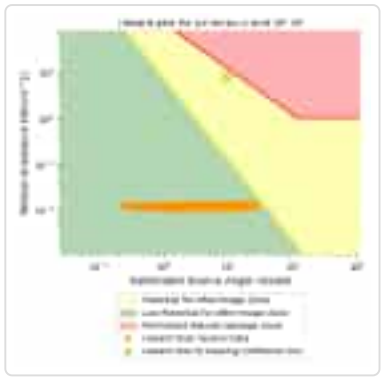
PV array 2: OP 39

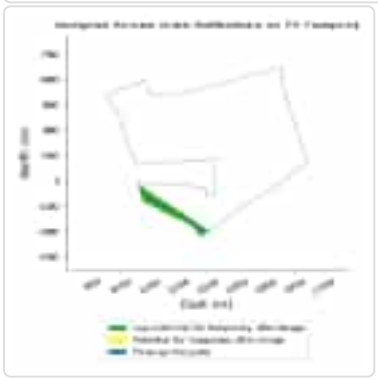
PV array is expected to produce the following glare for this receptor:

- 778 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 40

No glare found

PV array 2: OP 41

No glare found

PV array 2: OP 42

No glare found

PV array 2: OP 43

No glare found

PV array 2: OP 44

No glare found

PV array 2: OP 45

No glare found

PV array 2: OP 46

No glare found

PV array 2: OP 47

No glare found

PV array 2: OP 48

No glare found

PV array 2: OP 49

No glare found

PV array 2: OP 50

No glare found

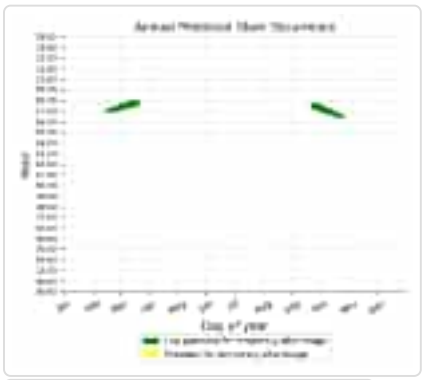
PV array 2: OP 51

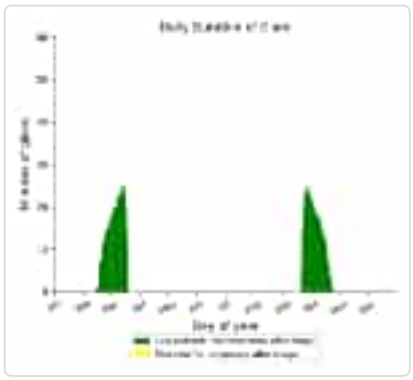
No glare found

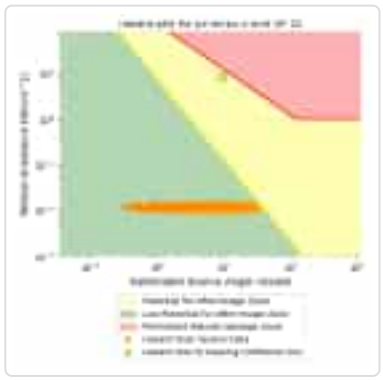
PV array 2: OP 52

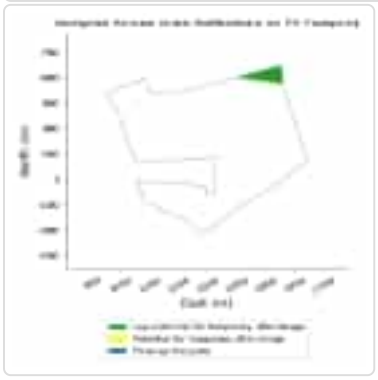
PV array is expected to produce the following glare for this receptor:

- 1,089 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





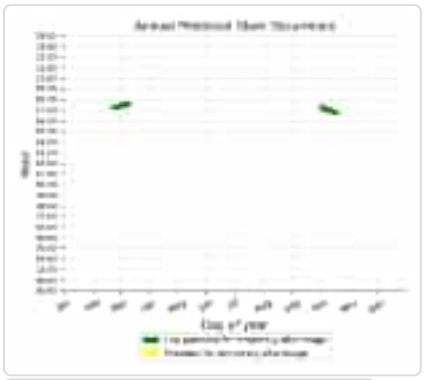


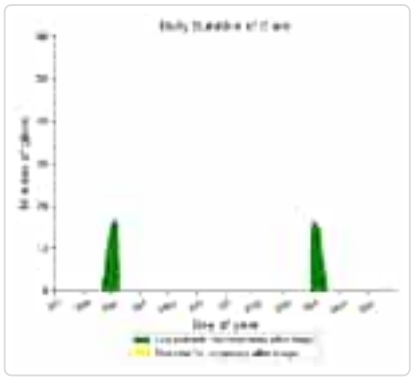


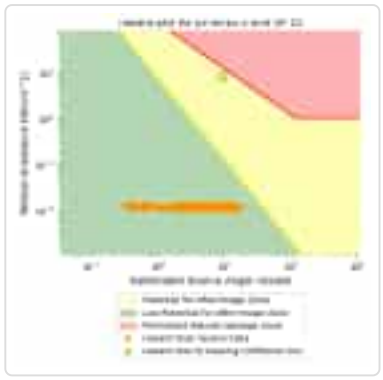
PV array 2: OP 53

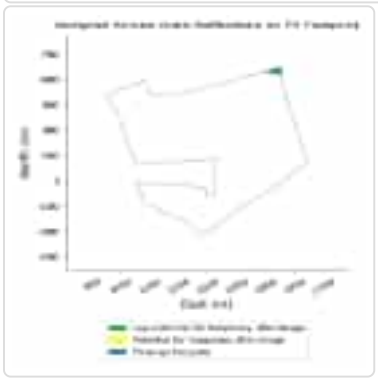
PV array is expected to produce the following glare for this receptor:

- 441 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





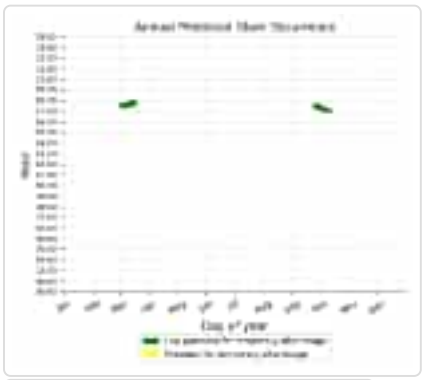


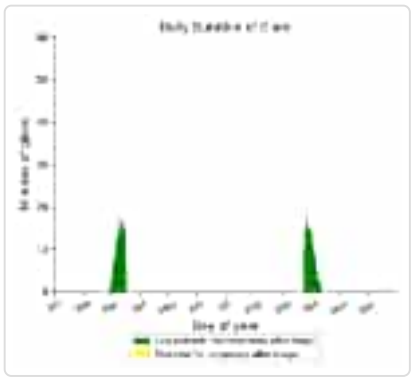


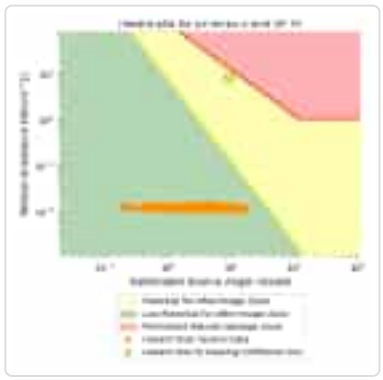
PV array 2: OP 54

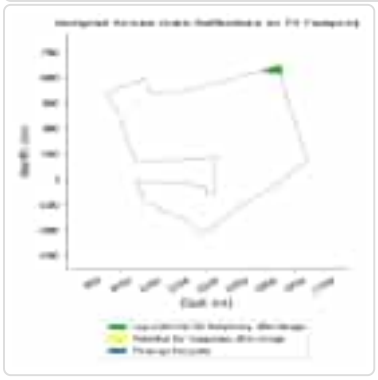
PV array is expected to produce the following glare for this receptor:

- 377 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





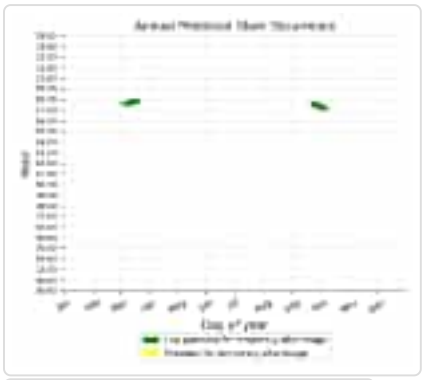


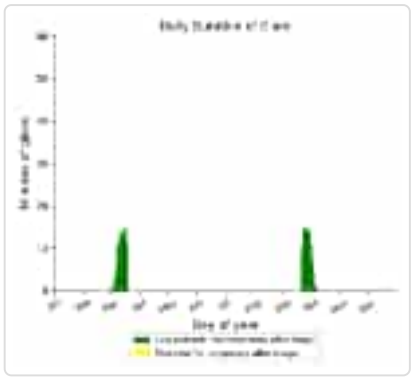


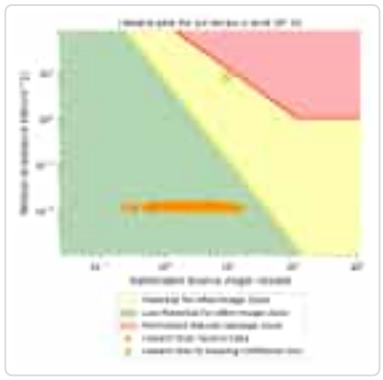
PV array 2: OP 55

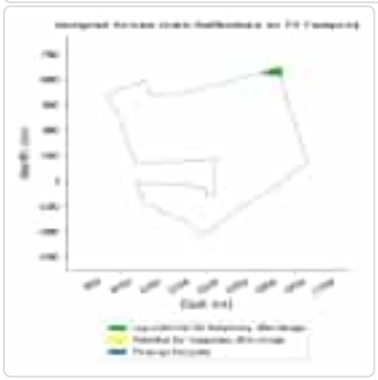
PV array is expected to produce the following glare for this receptor:

- 346 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 56

No glare found

PV array 2: OP 57

No glare found

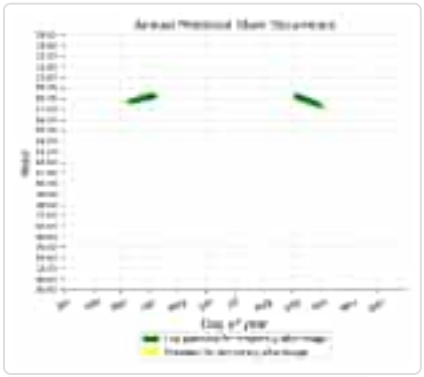
PV array 2: OP 58

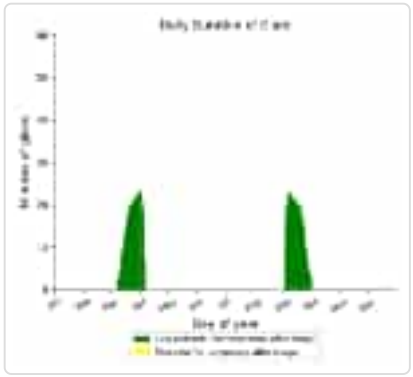
No glare found

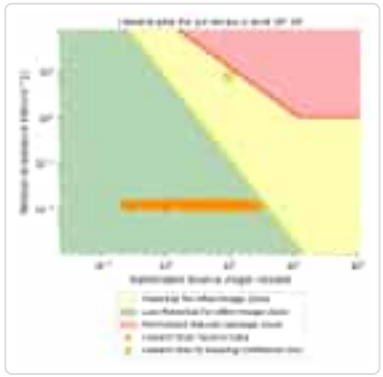
PV array 2: OP 59

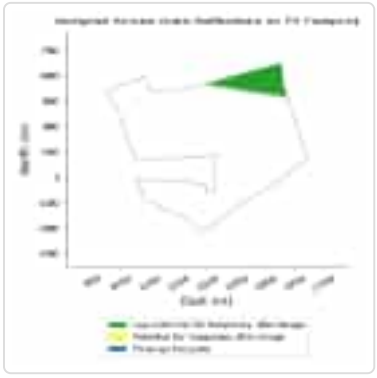
PV array is expected to produce the following glare for this receptor:

- 996 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





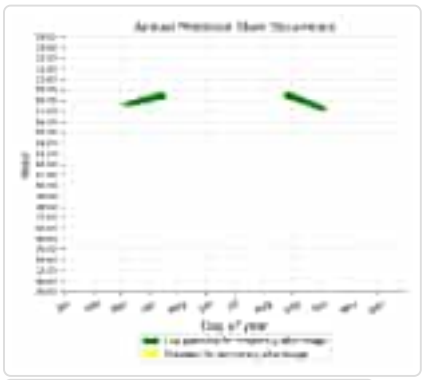


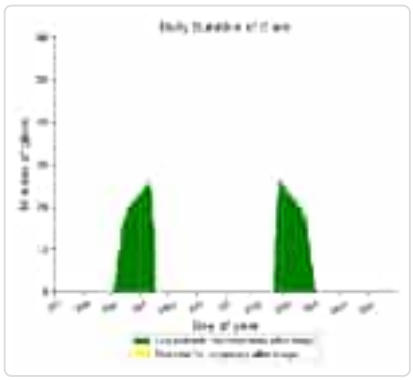


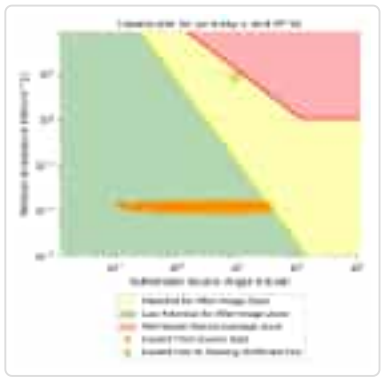
PV array 2: OP 60

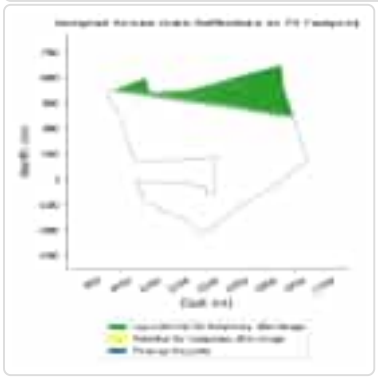
PV array is expected to produce the following glare for this receptor:

- 1,656 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





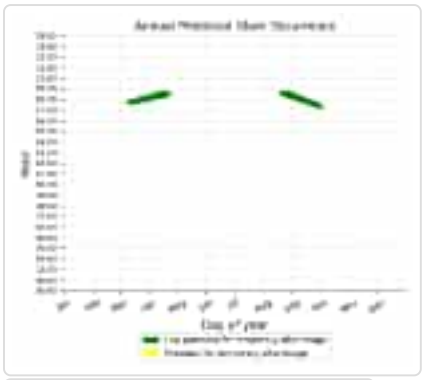


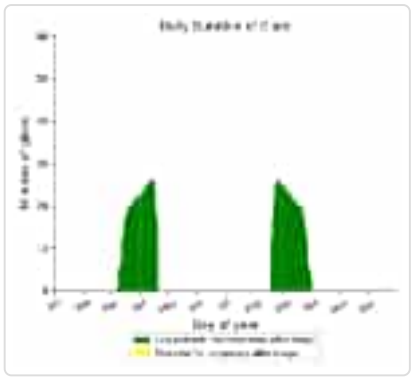


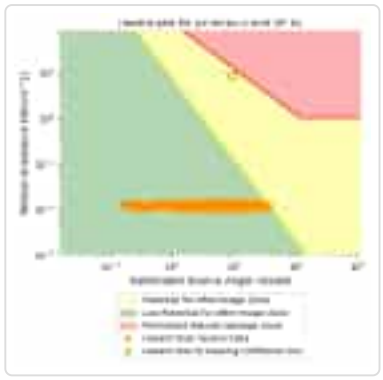
PV array 2: OP 61

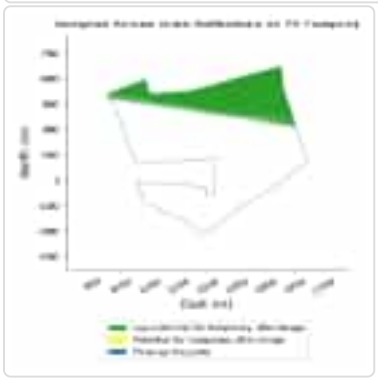
PV array is expected to produce the following glare for this receptor:

- 1,748 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





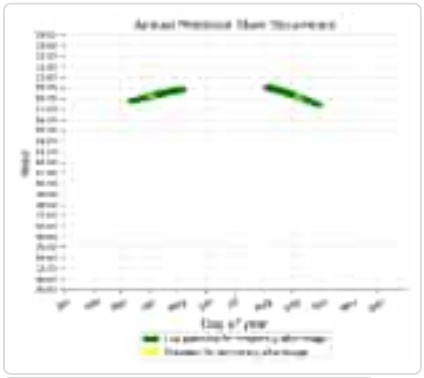


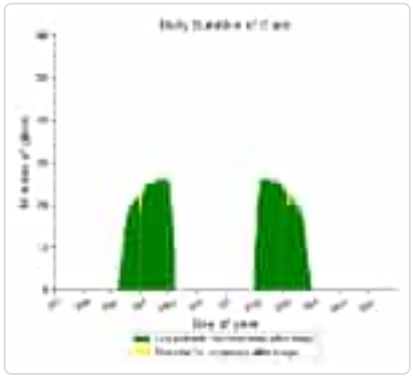


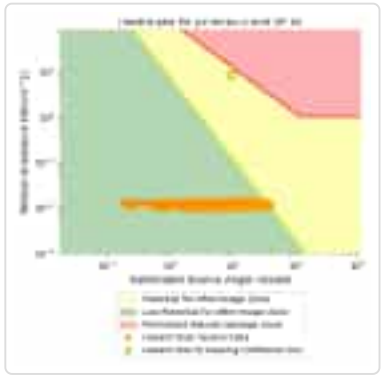
PV array 2: OP 62

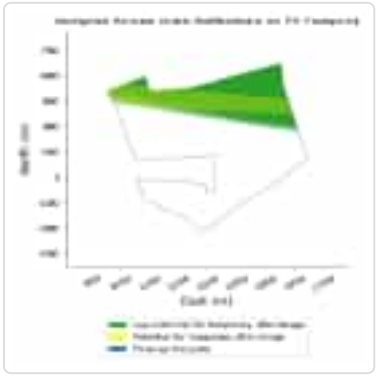
PV array is expected to produce the following glare for this receptor:

- 2,520 minutes of "green" glare with low potential to cause temporary after-image.
- 23 minutes of "yellow" glare with potential to cause temporary after-image.





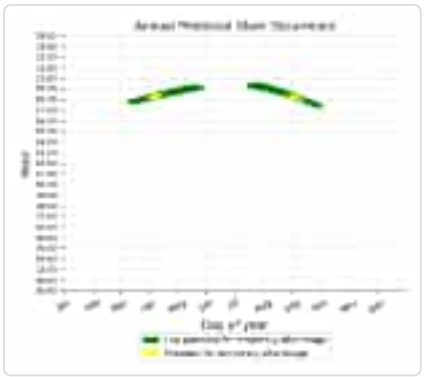


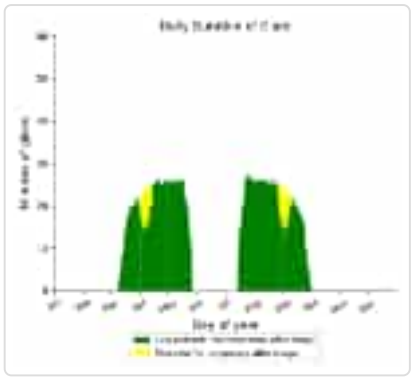


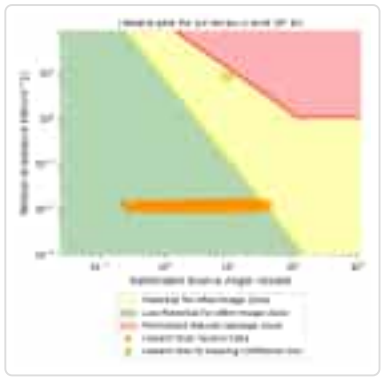
PV array 2: OP 63

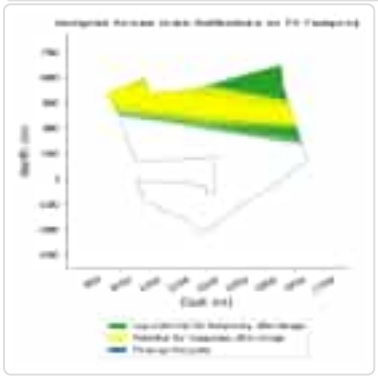
PV array is expected to produce the following glare for this receptor:

- 3,212 minutes of "green" glare with low potential to cause temporary after-image.
- 200 minutes of "yellow" glare with potential to cause temporary after-image.





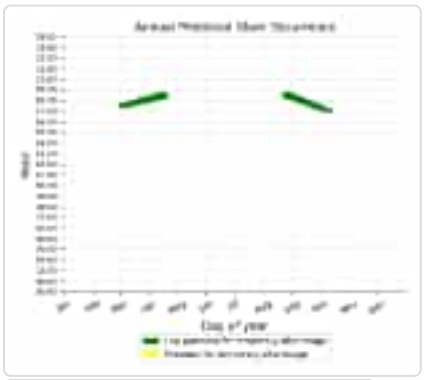


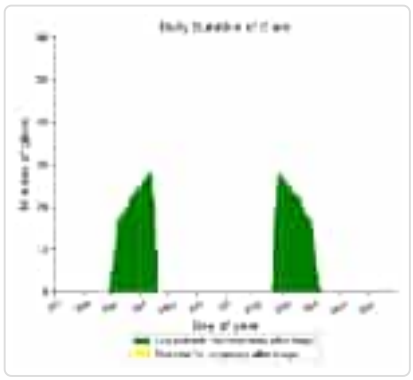


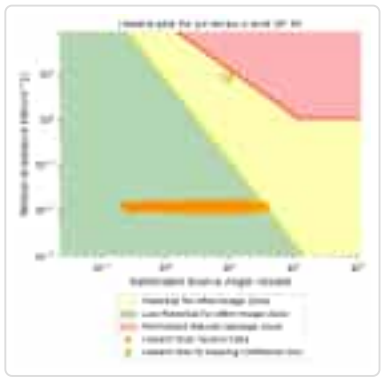
PV array 2: OP 64

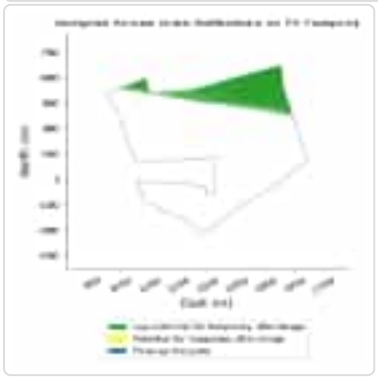
PV array is expected to produce the following glare for this receptor:

- 2,040 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





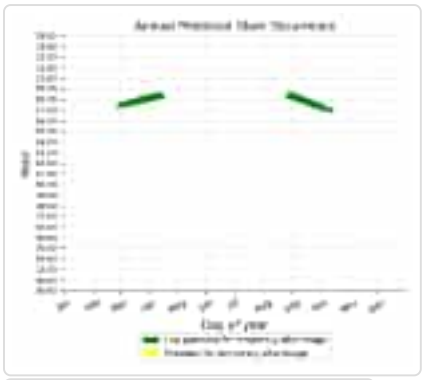


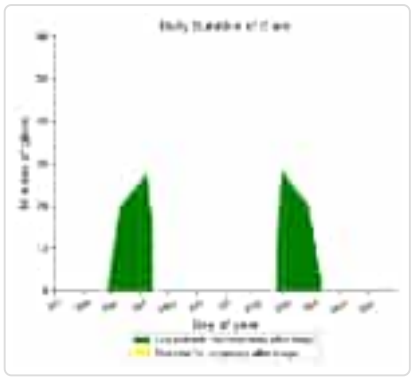


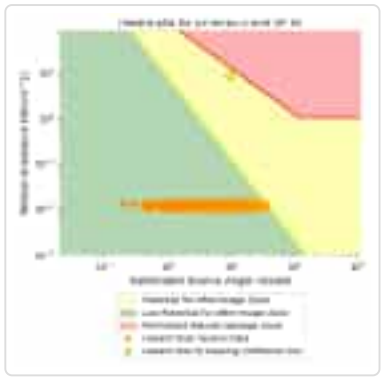
PV array 2: OP 65

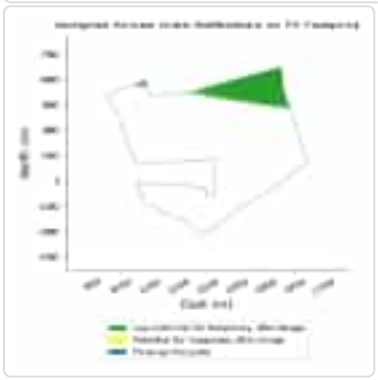
PV array is expected to produce the following glare for this receptor:

- 1,914 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





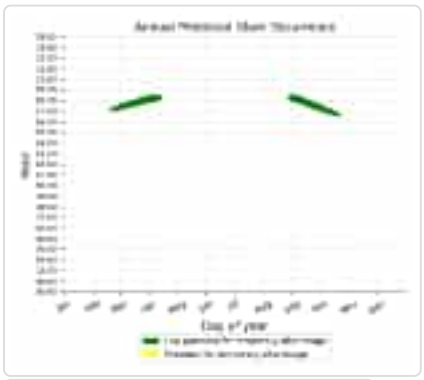


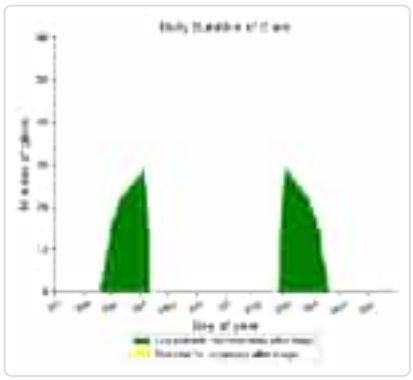


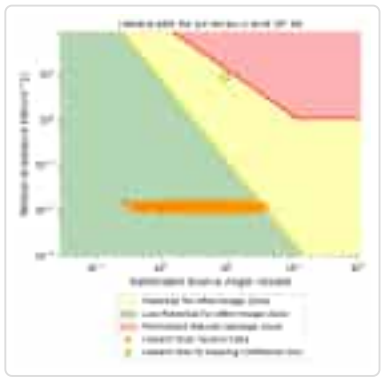
PV array 2: OP 66

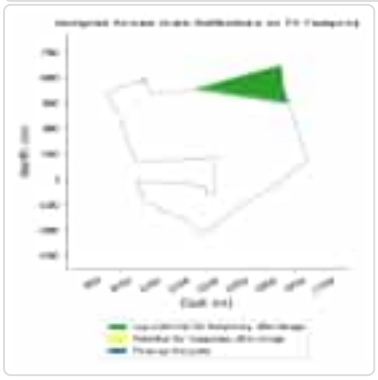
PV array is expected to produce the following glare for this receptor:

- 2,131 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





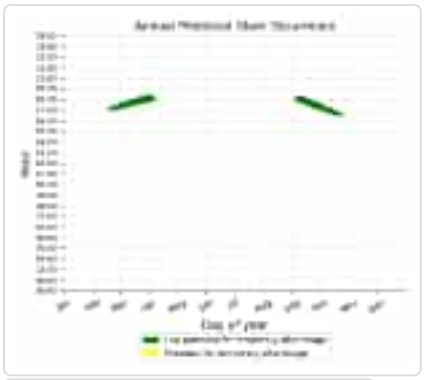


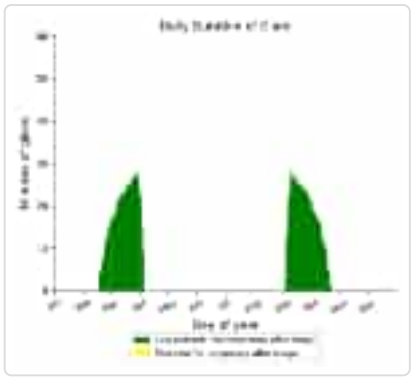


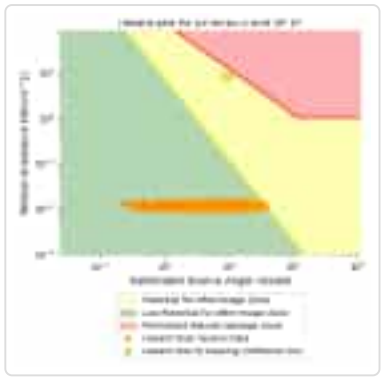
PV array 2: OP 67

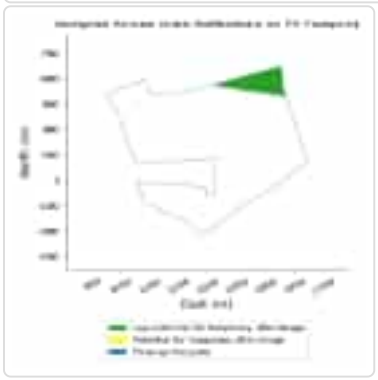
PV array is expected to produce the following glare for this receptor:

- 1,853 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 68

No glare found

PV array 2: OP 69

No glare found

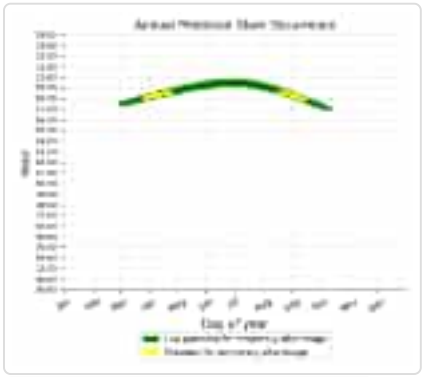
PV array 2: OP 70

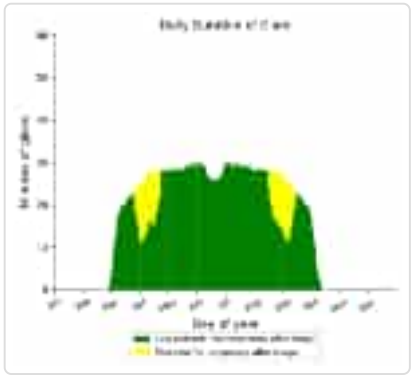
No glare found

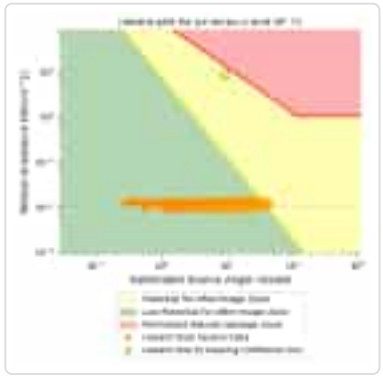
PV array 2: OP 71

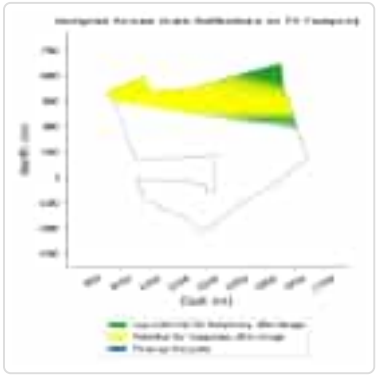
PV array is expected to produce the following glare for this receptor:

- 5,040 minutes of "green" glare with low potential to cause temporary after-image.
- 638 minutes of "yellow" glare with potential to cause temporary after-image.





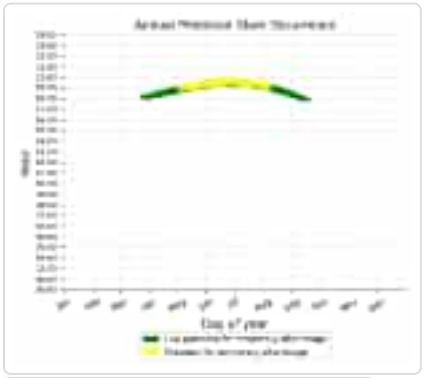


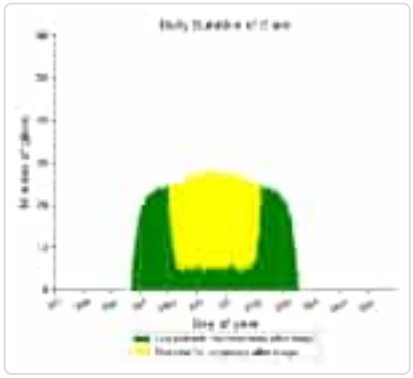


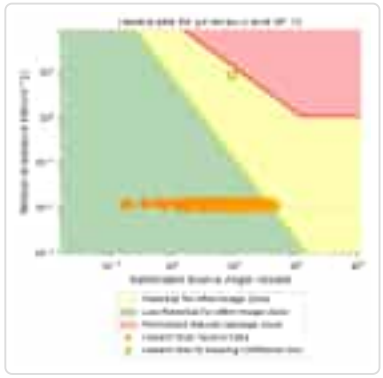
PV array 2: OP 72

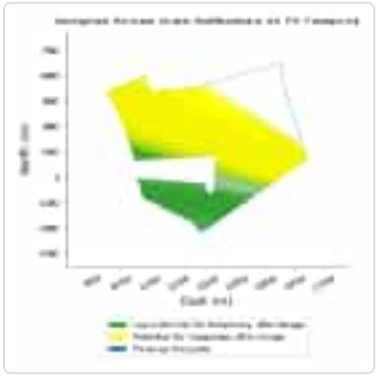
PV array is expected to produce the following glare for this receptor:

- 2,195 minutes of "green" glare with low potential to cause temporary after-image.
- 2,014 minutes of "yellow" glare with potential to cause temporary after-image.





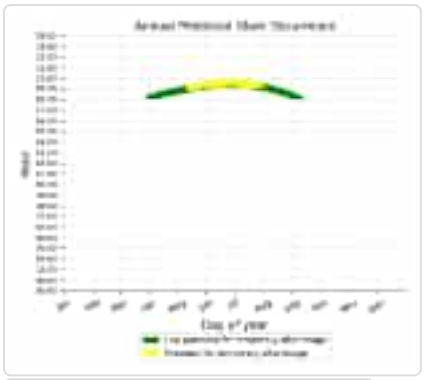


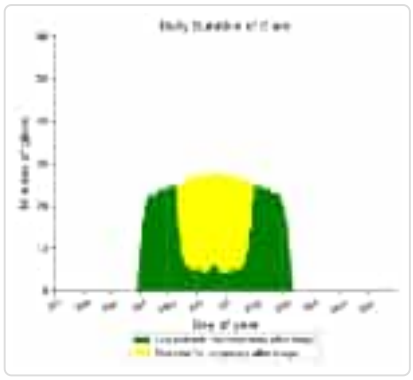


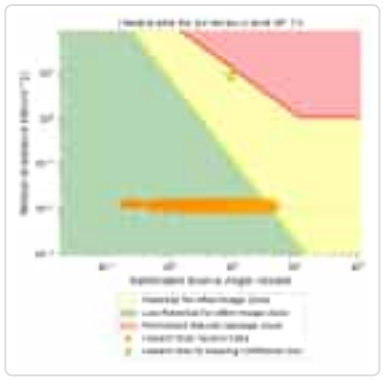
PV array 2: OP 73

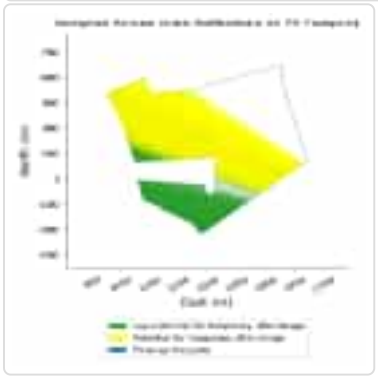
PV array is expected to produce the following glare for this receptor:

- 2,299 minutes of "green" glare with low potential to cause temporary after-image.
- 1,653 minutes of "yellow" glare with potential to cause temporary after-image.





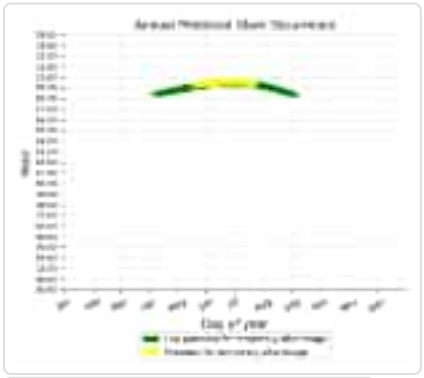


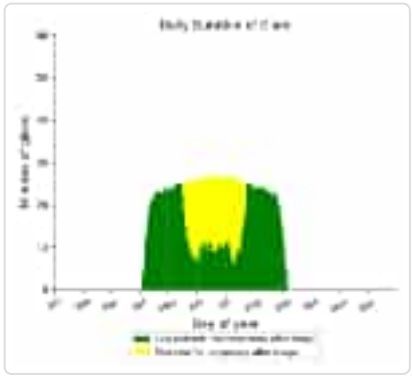


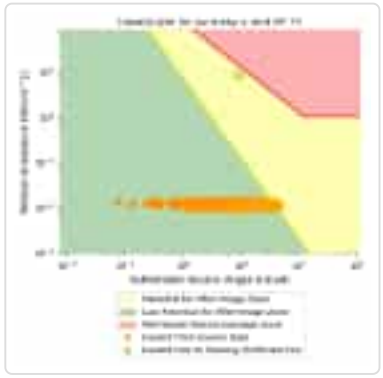
PV array 2: OP 74

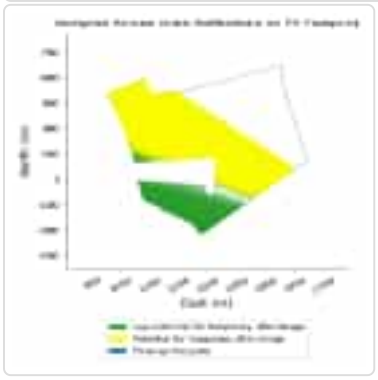
PV array is expected to produce the following glare for this receptor:

- 2,564 minutes of "green" glare with low potential to cause temporary after-image.
- 1,074 minutes of "yellow" glare with potential to cause temporary after-image.





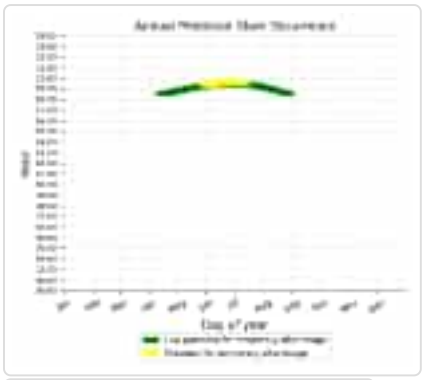


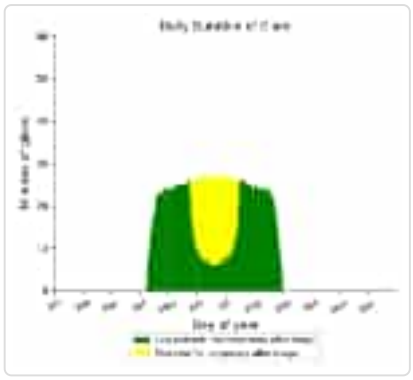


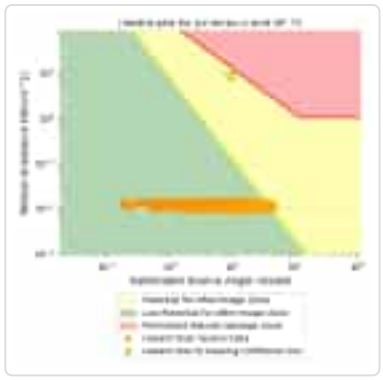
PV array 2: OP 75

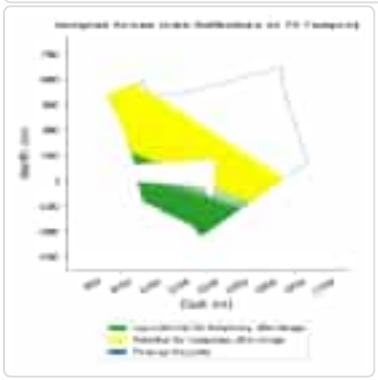
PV array is expected to produce the following glare for this receptor:

- 2,514 minutes of "green" glare with low potential to cause temporary after-image.
- 928 minutes of "yellow" glare with potential to cause temporary after-image.





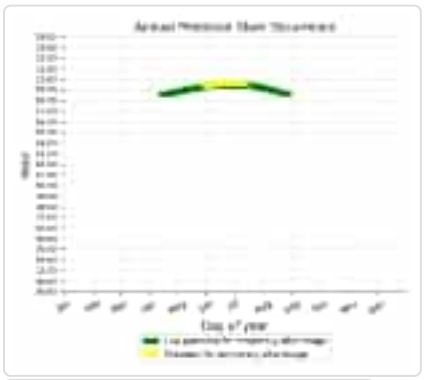


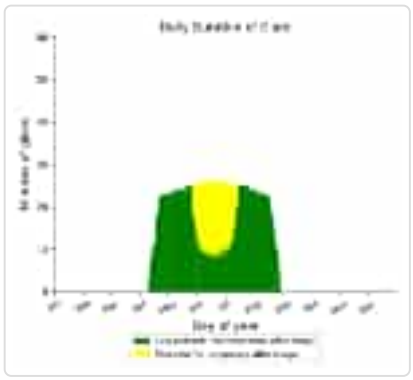


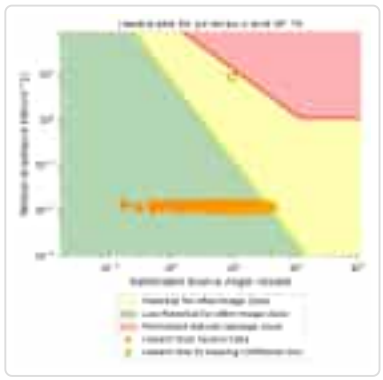
PV array 2: OP 76

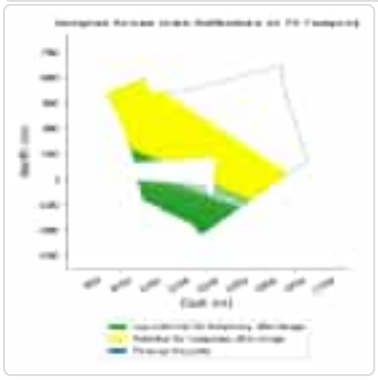
PV array is expected to produce the following glare for this receptor:

- 2,470 minutes of "green" glare with low potential to cause temporary after-image.
- 732 minutes of "yellow" glare with potential to cause temporary after-image.





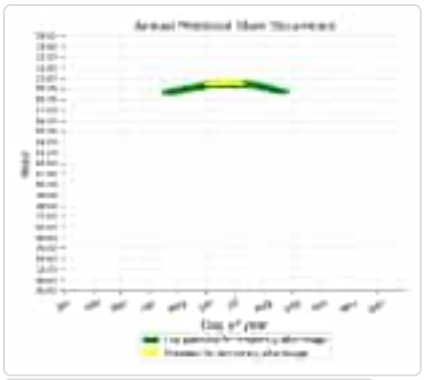


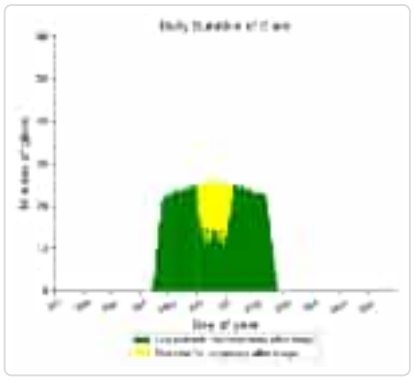


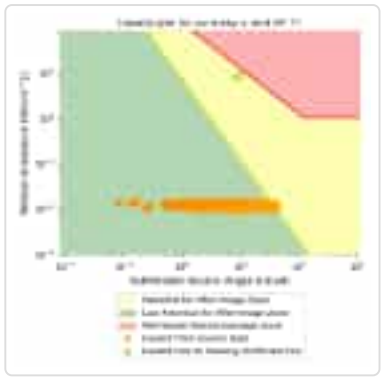
PV array 2: OP 77

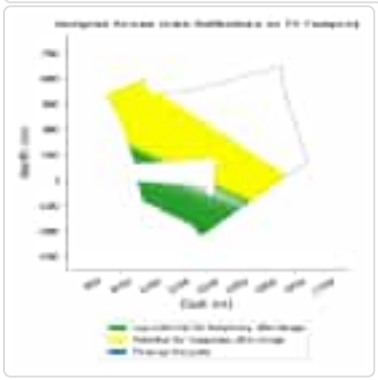
PV array is expected to produce the following glare for this receptor:

- 2,533 minutes of "green" glare with low potential to cause temporary after-image.
- 426 minutes of "yellow" glare with potential to cause temporary after-image.





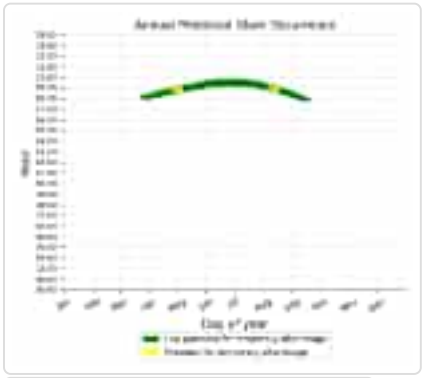


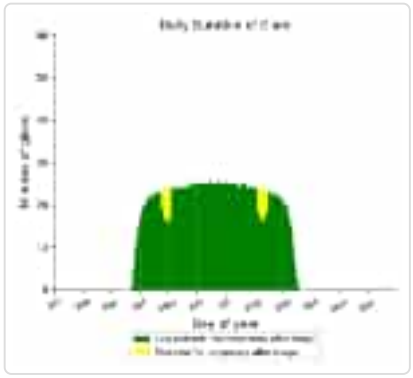


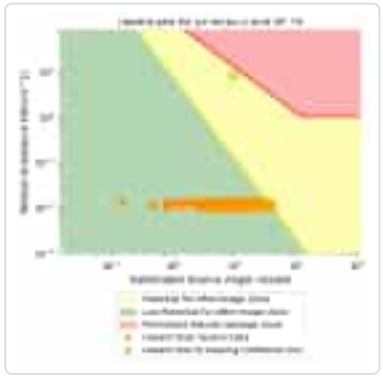
PV array 2: OP 78

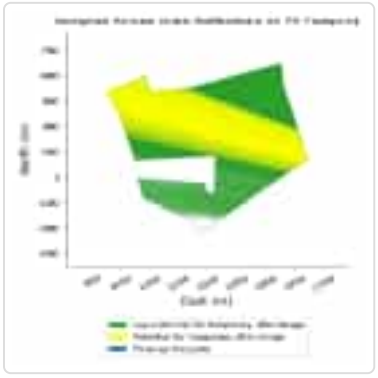
PV array is expected to produce the following glare for this receptor:

- 3,809 minutes of "green" glare with low potential to cause temporary after-image.
- 141 minutes of "yellow" glare with potential to cause temporary after-image.





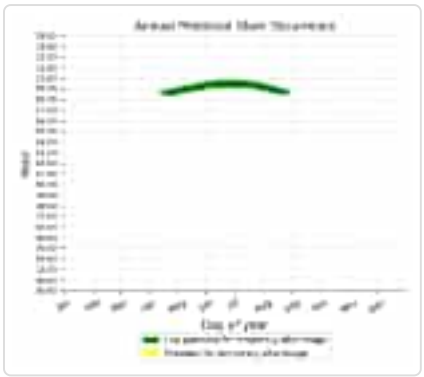


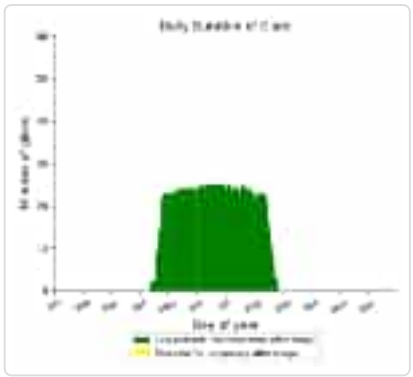


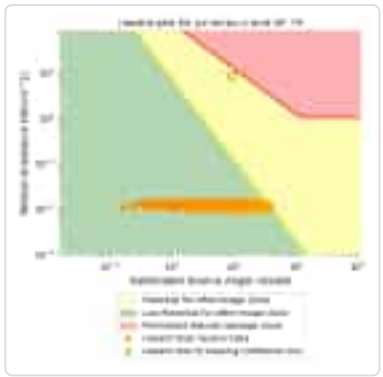
PV array 2: OP 79

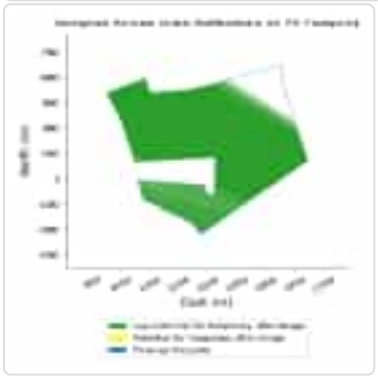
PV array is expected to produce the following glare for this receptor:

- 2,918 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





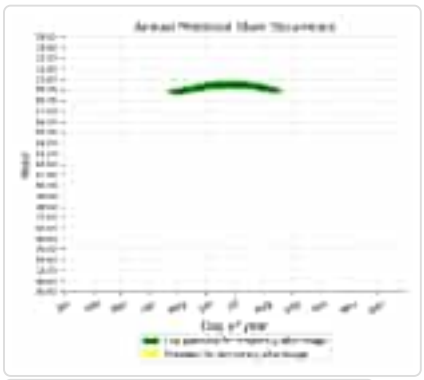


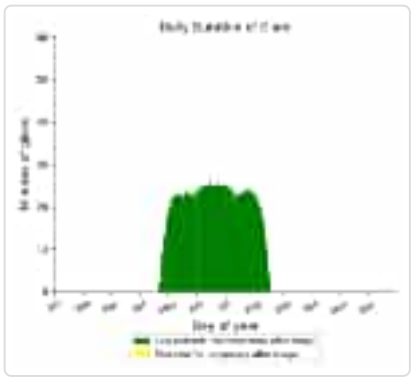


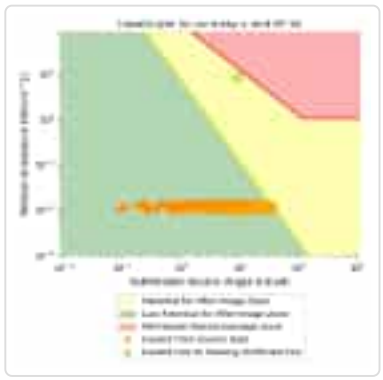
PV array 2: OP 80

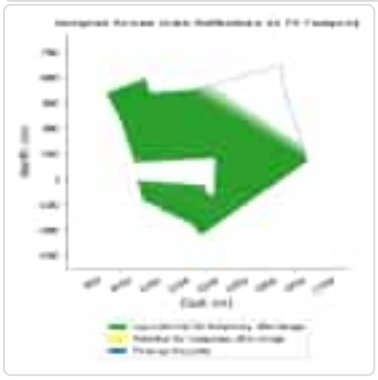
PV array is expected to produce the following glare for this receptor:

- 2,566 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	72	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	483	0
OP: OP 19	0	0
OP: OP 20	1742	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	20	0
OP: OP 25	304	0

OP: OP 26	435	0
OP: OP 27	919	0
OP: OP 28	0	0
OP: OP 29	1712	0
OP: OP 30	2503	1023
OP: OP 31	2223	1026
OP: OP 32	2109	1311
OP: OP 33	1919	1360
OP: OP 34	2162	1328
OP: OP 35	156	0
OP: OP 36	245	0
OP: OP 37	682	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	416	0
OP: OP 41	762	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	56	0

OP: OP 80	163	0

PV array 3: OP 1

No glare found

PV array 3: OP 2

No glare found

PV array 3: OP 3

No glare found

PV array 3: OP 4

No glare found

PV array 3: OP 5

No glare found

PV array 3: OP 6

No glare found

PV array 3: OP 7

No glare found

PV array 3: OP 8

No glare found

PV array 3: OP 9

No glare found

PV array 3: OP 10

No glare found

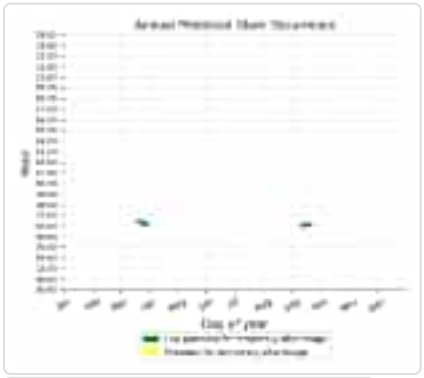
PV array 3: OP 11

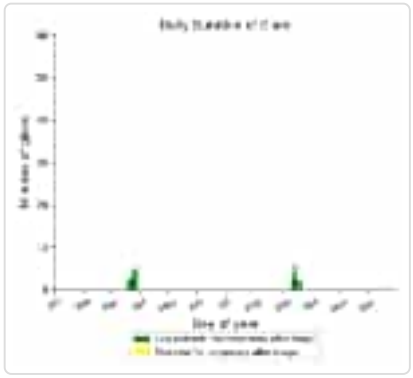
No glare found

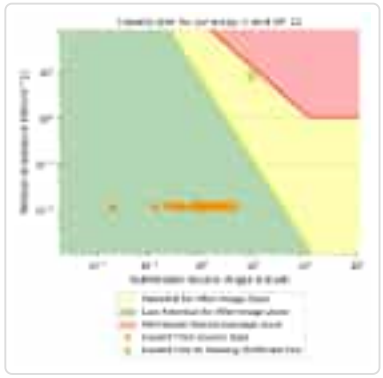
PV array 3: OP 12

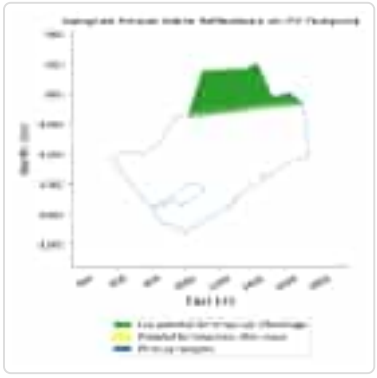
PV array is expected to produce the following glare for this receptor:

- 72 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 13

No glare found

PV array 3: OP 14

No glare found

PV array 3: OP 15

No glare found

PV array 3: OP 16

No glare found

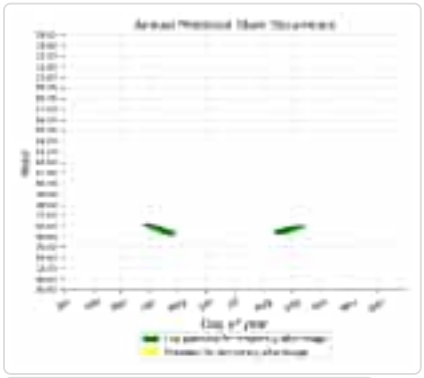
PV array 3: OP 17

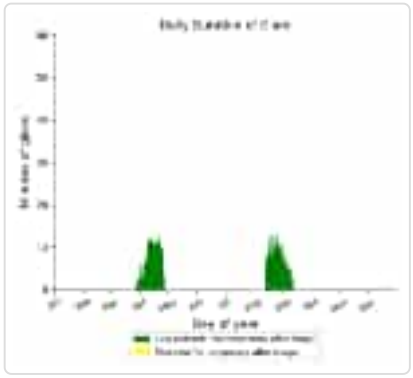
No glare found

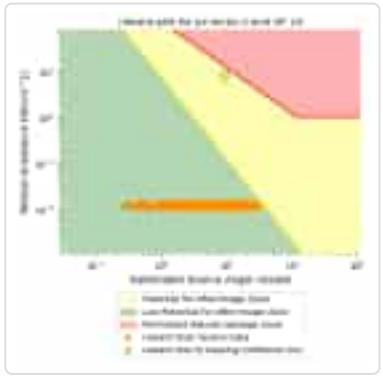
PV array 3: OP 18

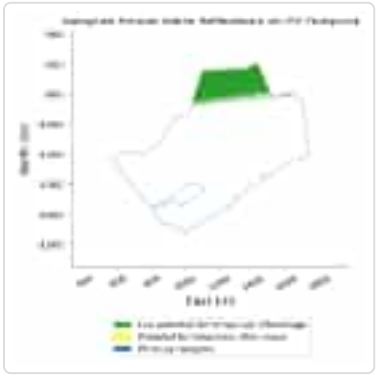
PV array is expected to produce the following glare for this receptor:

- 483 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









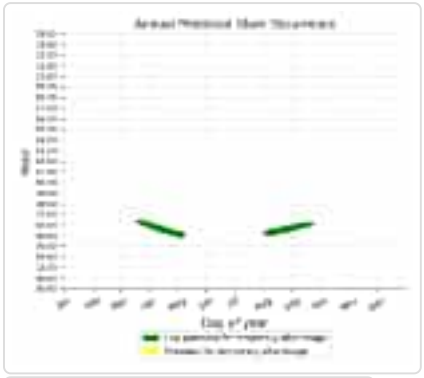
PV array 3: OP 19

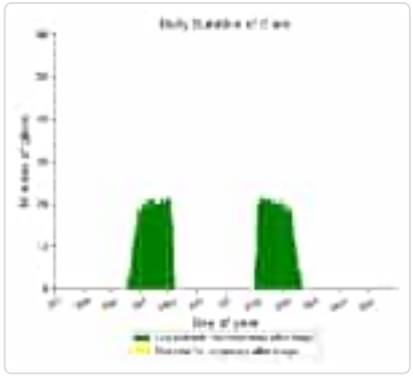
No glare found

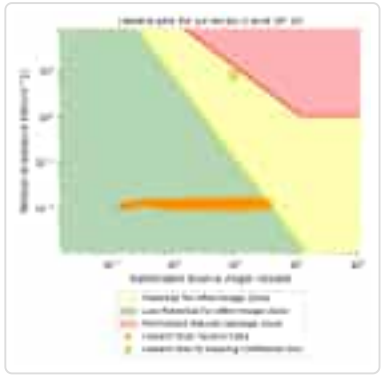
PV array 3: OP 20

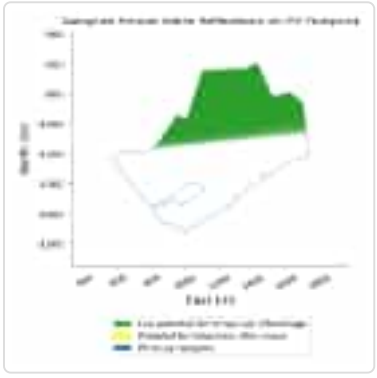
PV array is expected to produce the following glare for this receptor:

- 1,742 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 21

No glare found

PV array 3: OP 22

No glare found

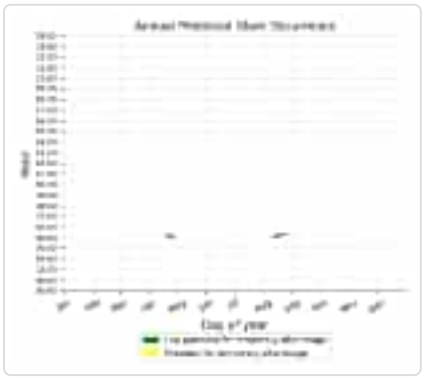
PV array 3: OP 23

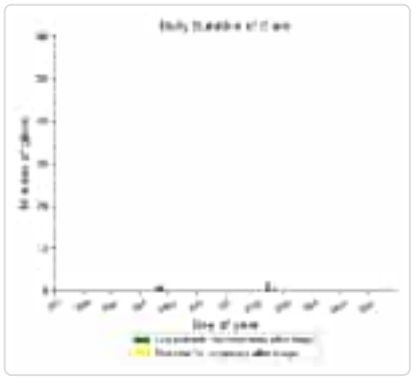
No glare found

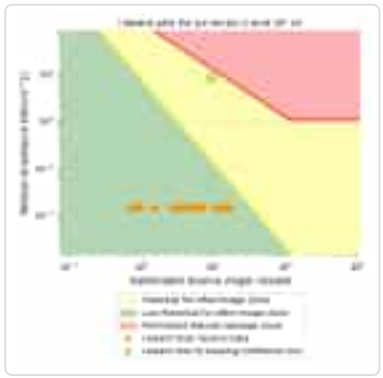
PV array 3: OP 24

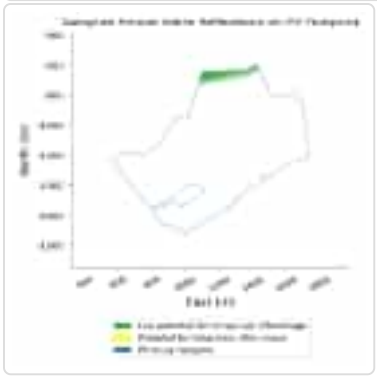
PV array is expected to produce the following glare for this receptor:

- 20 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





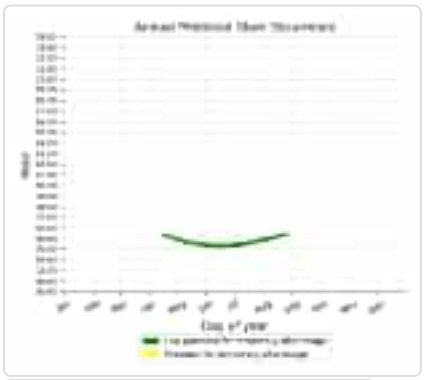


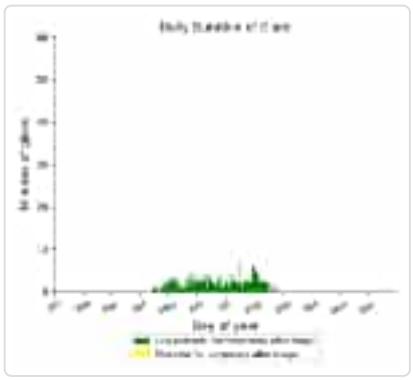


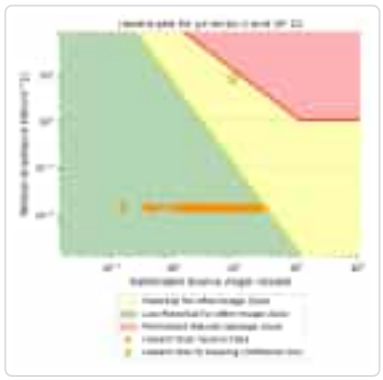
PV array 3: OP 25

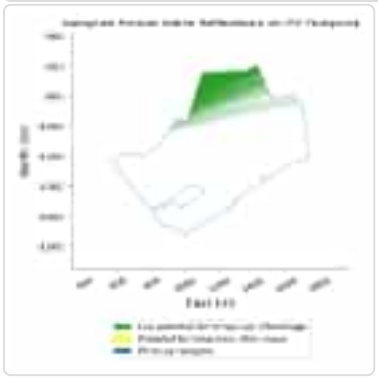
PV array is expected to produce the following glare for this receptor:

- 304 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





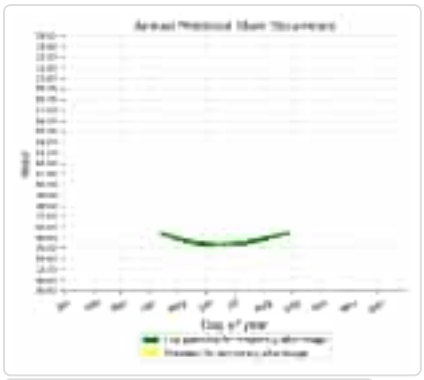


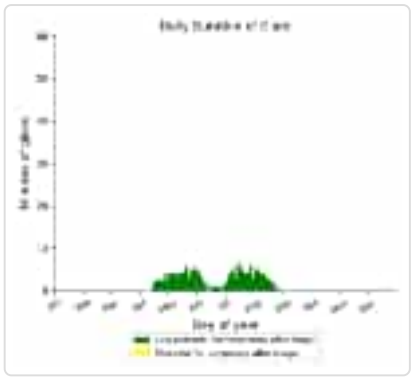


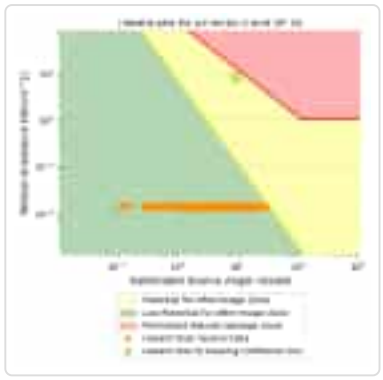
PV array 3: OP 26

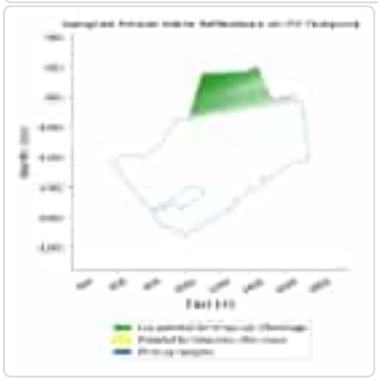
PV array is expected to produce the following glare for this receptor:

- 435 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





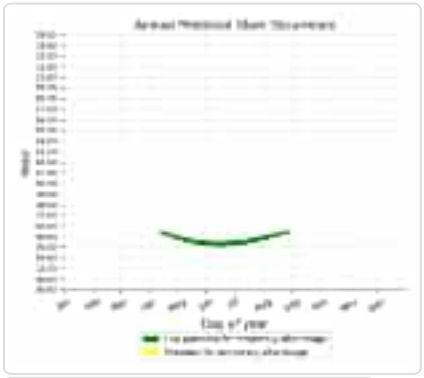


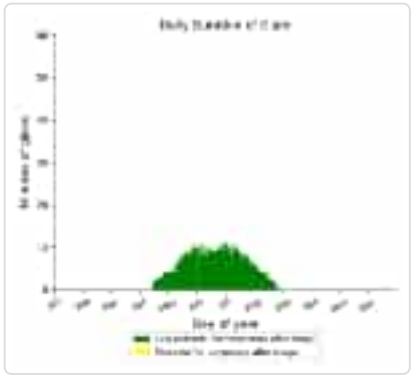


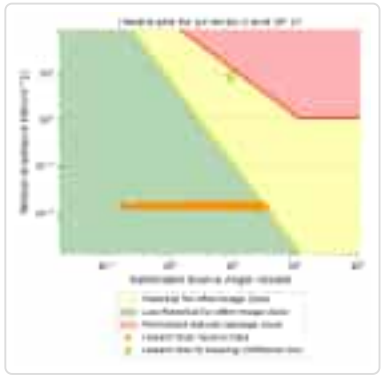
PV array 3: OP 27

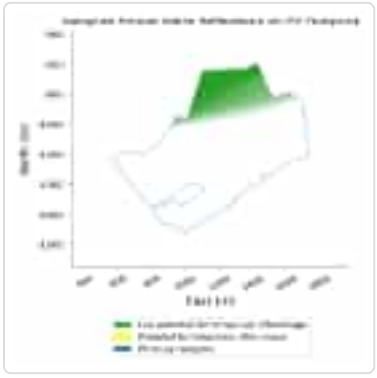
PV array is expected to produce the following glare for this receptor:

- 919 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









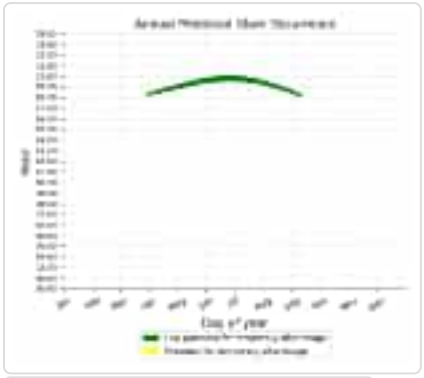
PV array 3: OP 28

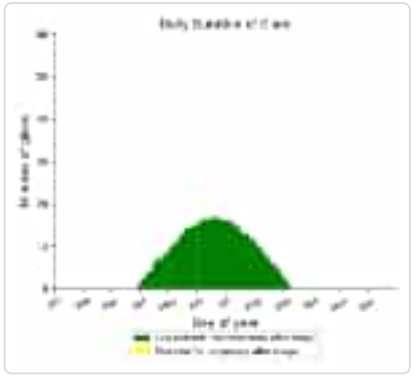
No glare found

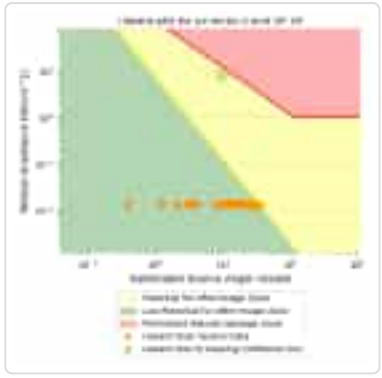
PV array 3: OP 29

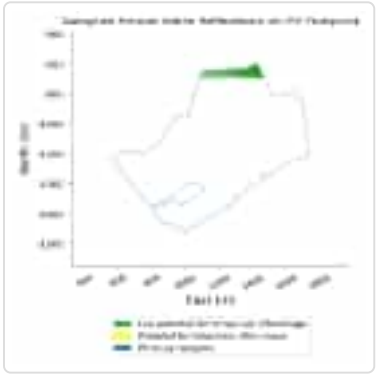
PV array is expected to produce the following glare for this receptor:

- 1,712 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





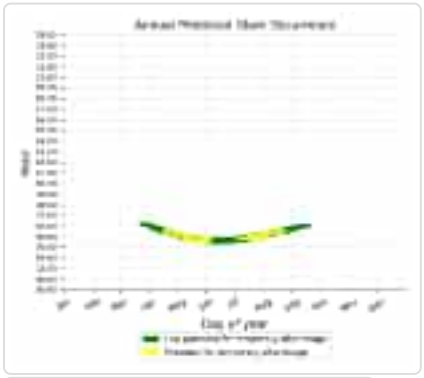


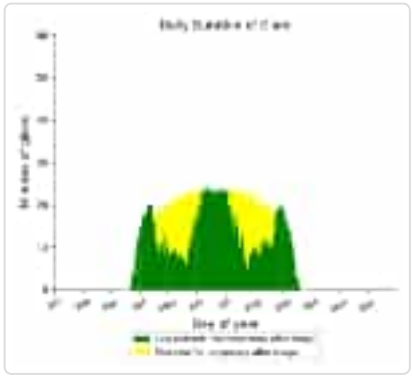


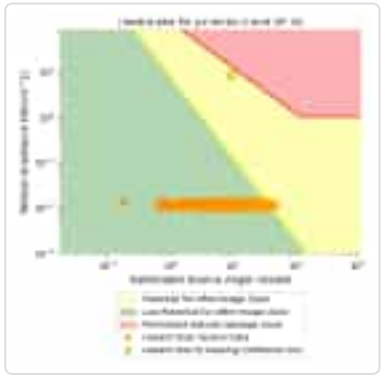
PV array 3: OP 30

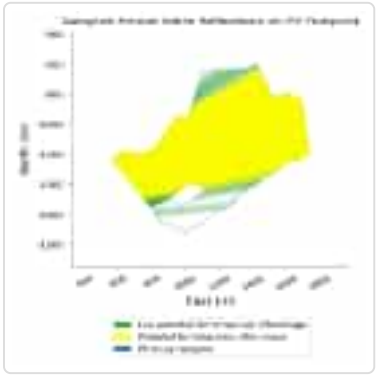
PV array is expected to produce the following glare for this receptor:

- 2,503 minutes of "green" glare with low potential to cause temporary after-image.
- 1,023 minutes of "yellow" glare with potential to cause temporary after-image.





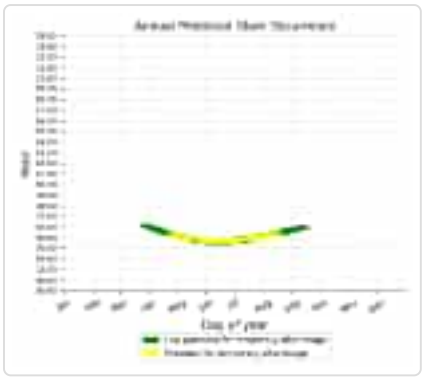


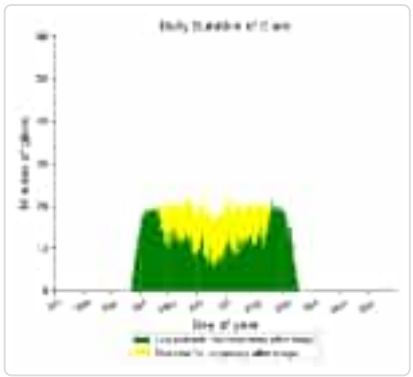


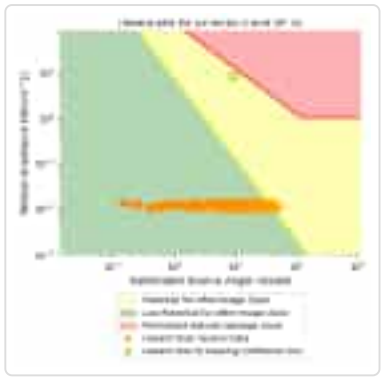
PV array 3: OP 31

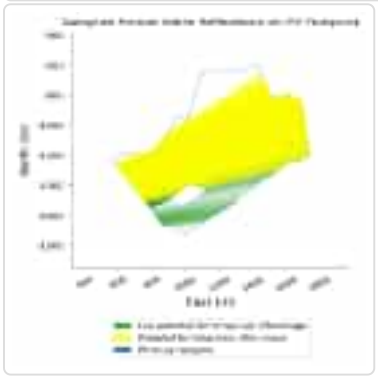
PV array is expected to produce the following glare for this receptor:

- 2,223 minutes of "green" glare with low potential to cause temporary after-image.
- 1,026 minutes of "yellow" glare with potential to cause temporary after-image.





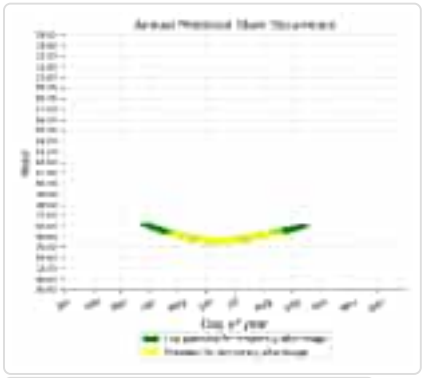


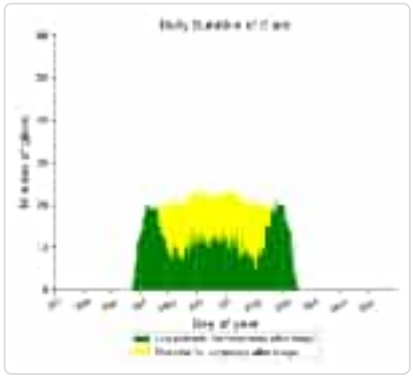


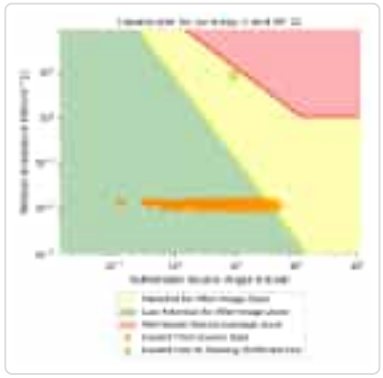
PV array 3: OP 32

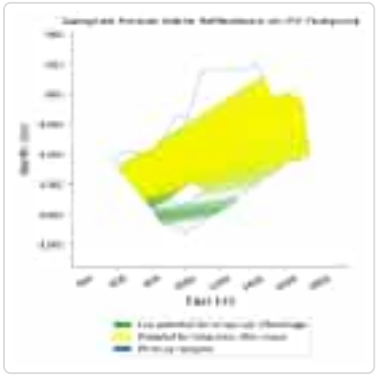
PV array is expected to produce the following glare for this receptor:

- 2,109 minutes of "green" glare with low potential to cause temporary after-image.
- 1,311 minutes of "yellow" glare with potential to cause temporary after-image.





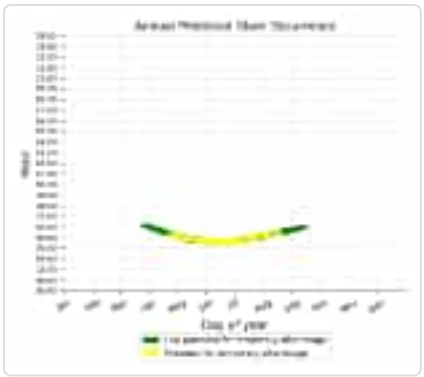


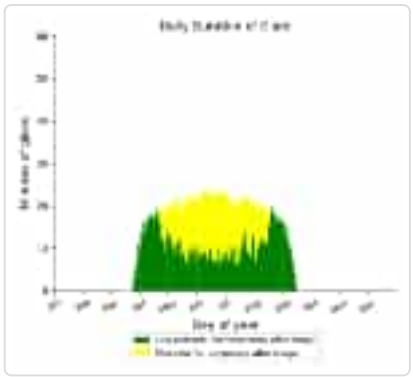


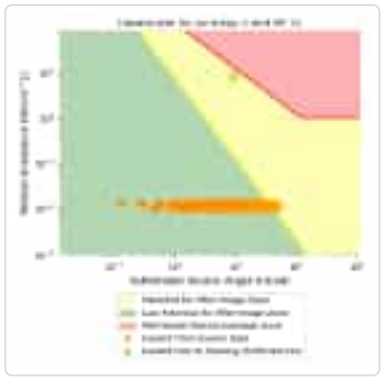
PV array 3: OP 33

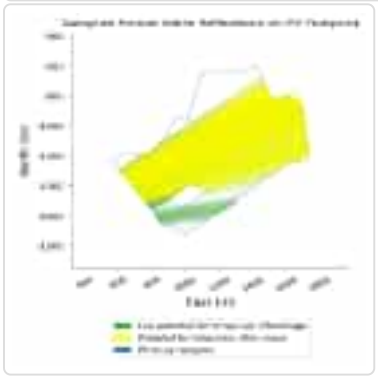
PV array is expected to produce the following glare for this receptor:

- 1,919 minutes of "green" glare with low potential to cause temporary after-image.
- 1,360 minutes of "yellow" glare with potential to cause temporary after-image.





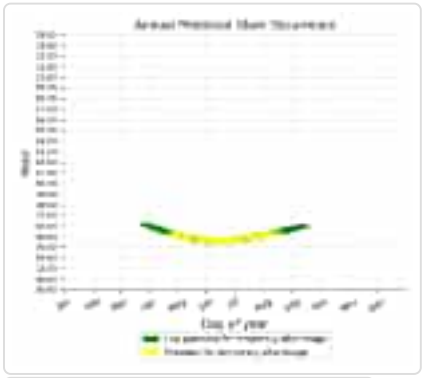


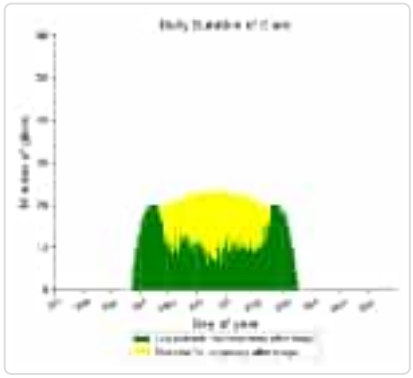


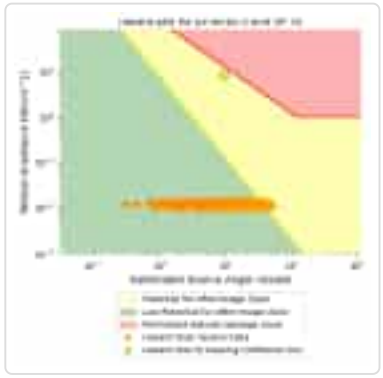
PV array 3: OP 34

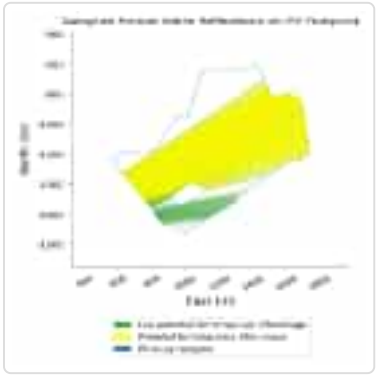
PV array is expected to produce the following glare for this receptor:

- 2,162 minutes of "green" glare with low potential to cause temporary after-image.
- 1,328 minutes of "yellow" glare with potential to cause temporary after-image.





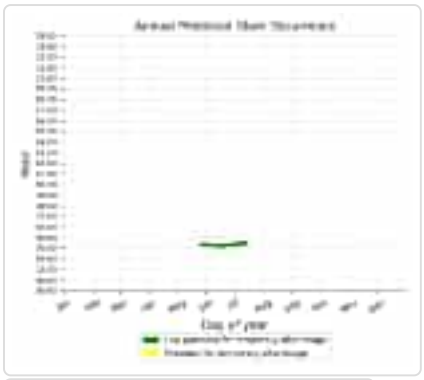


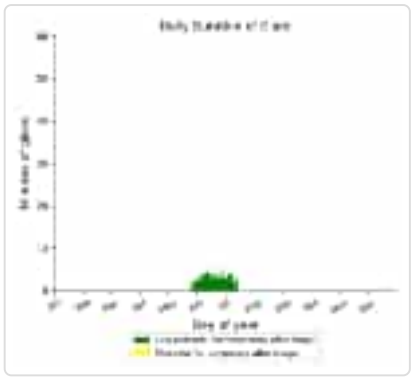


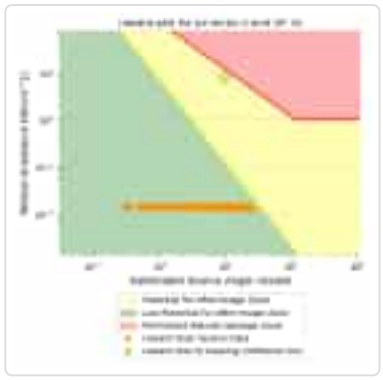
PV array 3: OP 35

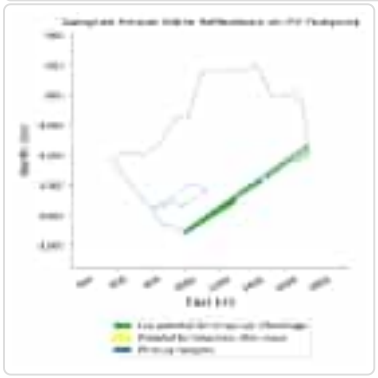
PV array is expected to produce the following glare for this receptor:

- 156 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





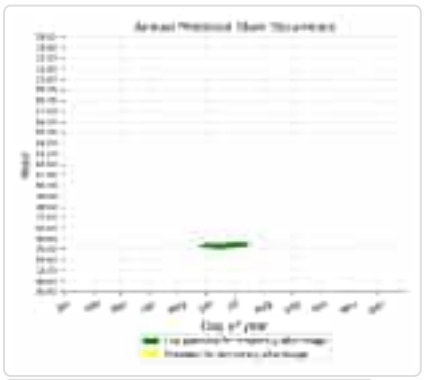


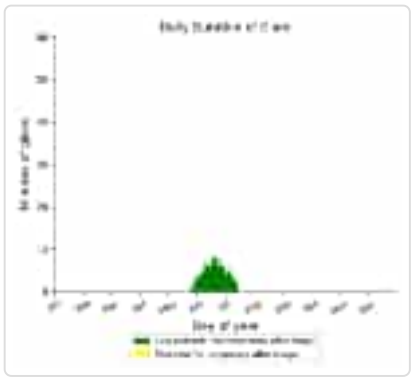


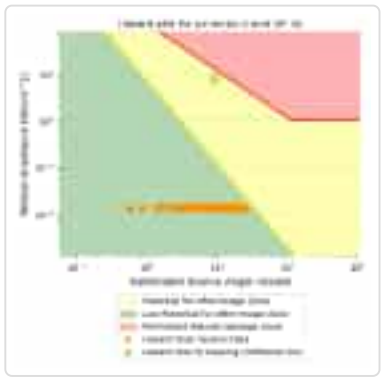
PV array 3: OP 36

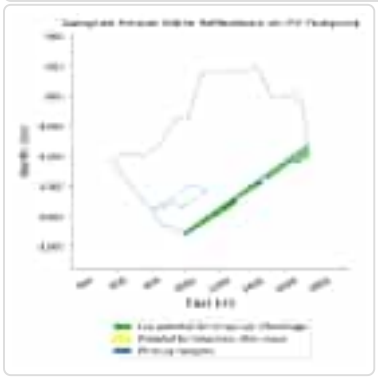
PV array is expected to produce the following glare for this receptor:

- 245 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





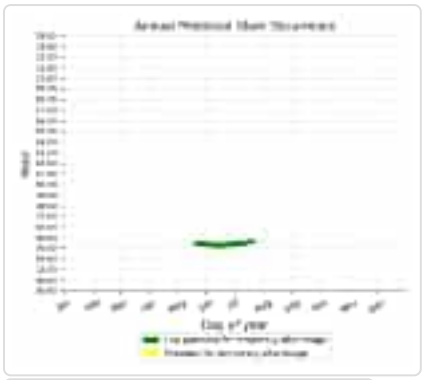


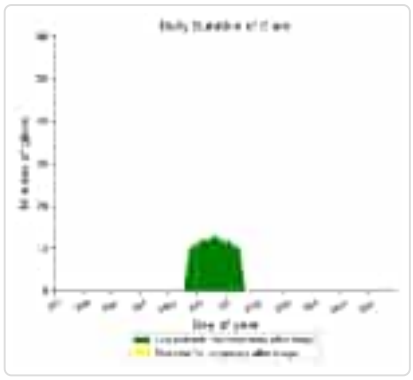


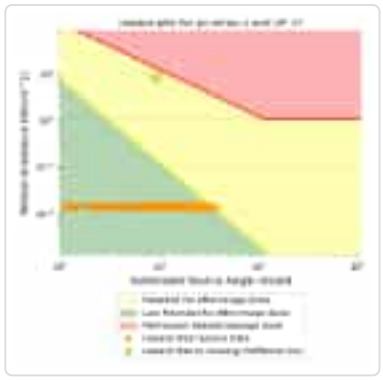
PV array 3: OP 37

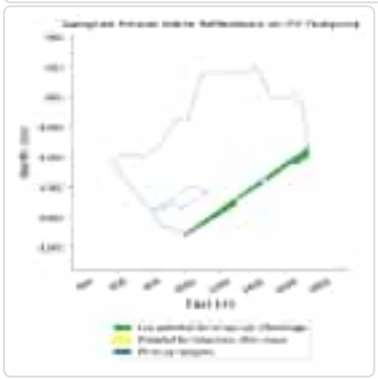
PV array is expected to produce the following glare for this receptor:

- 682 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 38

No glare found

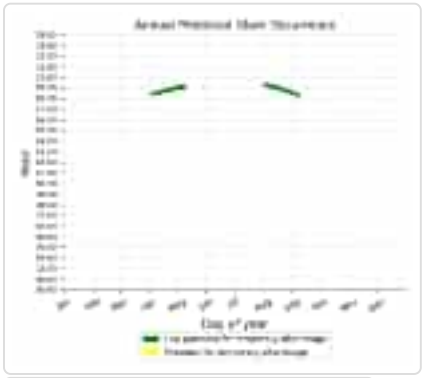
PV array 3: OP 39

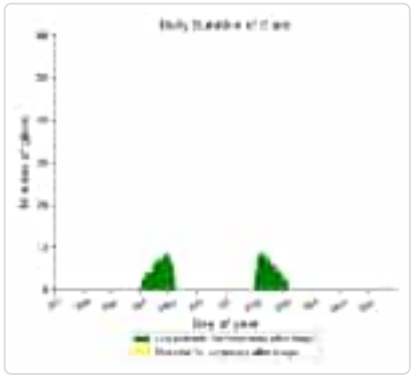
No glare found

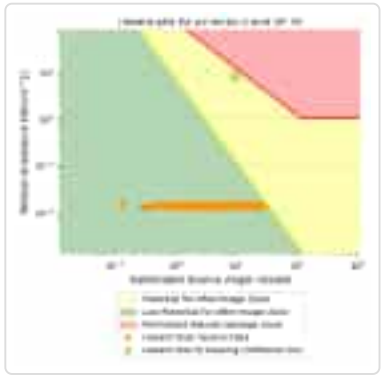
PV array 3: OP 40

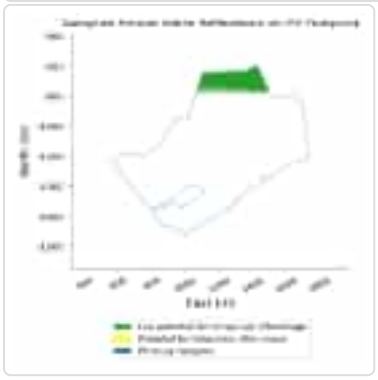
PV array is expected to produce the following glare for this receptor:

- 416 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





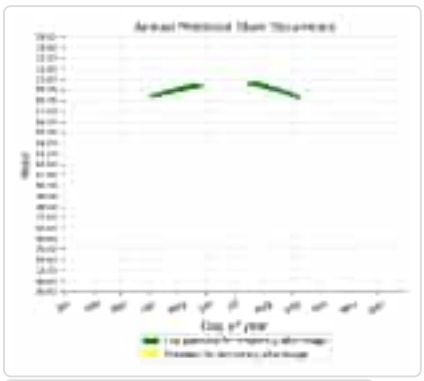


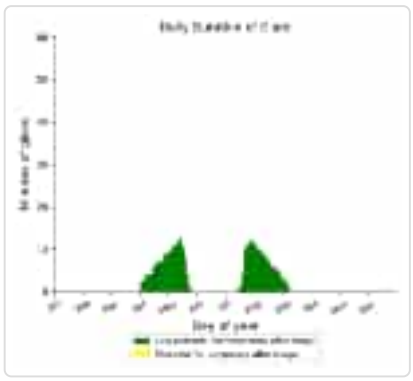


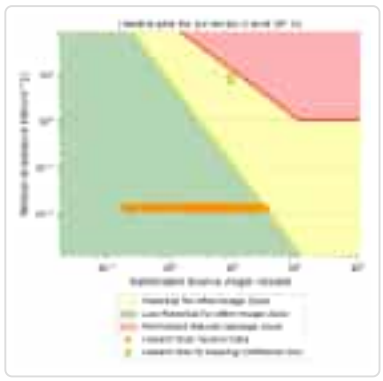
PV array 3: OP 41

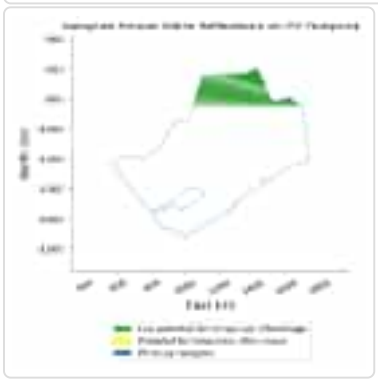
PV array is expected to produce the following glare for this receptor:

- 762 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 42

No glare found

PV array 3: OP 43

No glare found

PV array 3: OP 44

No glare found

PV array 3: OP 45

No glare found

PV array 3: OP 46

No glare found

PV array 3: OP 47

No glare found

PV array 3: OP 48

No glare found

PV array 3: OP 49

No glare found

PV array 3: OP 50

No glare found

PV array 3: OP 51

No glare found

PV array 3: OP 52

No glare found

PV array 3: OP 53

No glare found

PV array 3: OP 54

No glare found

PV array 3: OP 55

No glare found

PV array 3: OP 56

No glare found

PV array 3: OP 57

No glare found

PV array 3: OP 58

No glare found

PV array 3: OP 59

No glare found

PV array 3: OP 60

No glare found

PV array 3: OP 61

No glare found

PV array 3: OP 62

No glare found

PV array 3: OP 63

No glare found

PV array 3: OP 64

No glare found

PV array 3: OP 65

No glare found

PV array 3: OP 66

No glare found

PV array 3: OP 67

No glare found

PV array 3: OP 68

No glare found

PV array 3: OP 69

No glare found

PV array 3: OP 70

No glare found

PV array 3: OP 71

No glare found

PV array 3: OP 72

No glare found

PV array 3: OP 73

No glare found

PV array 3: OP 74

No glare found

PV array 3: OP 75

No glare found

PV array 3: OP 76

No glare found

PV array 3: OP 77

No glare found

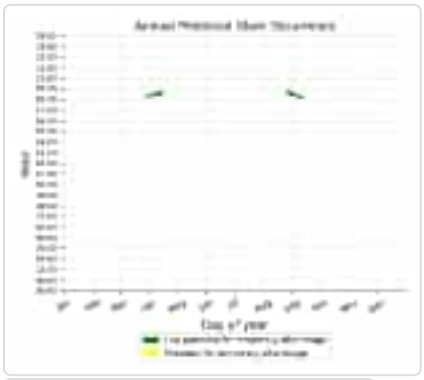
PV array 3: OP 78

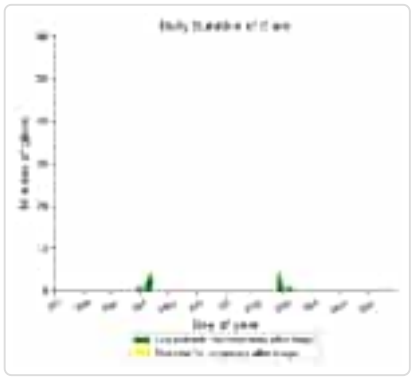
No glare found

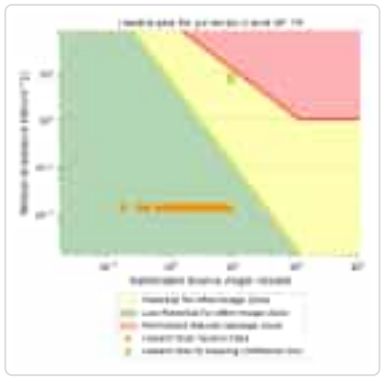
PV array 3: OP 79

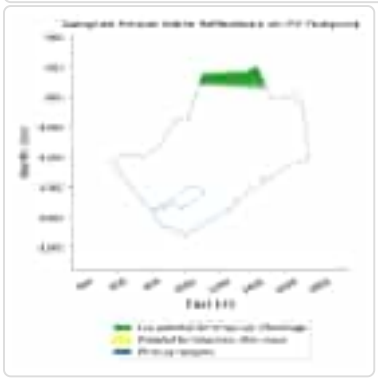
PV array is expected to produce the following glare for this receptor:

- 56 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





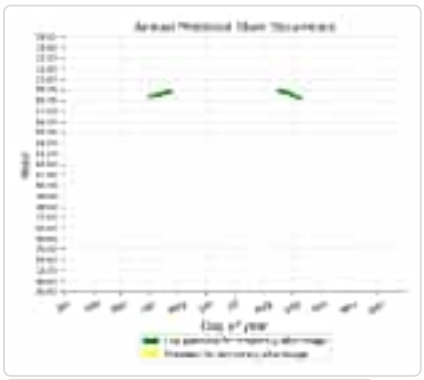


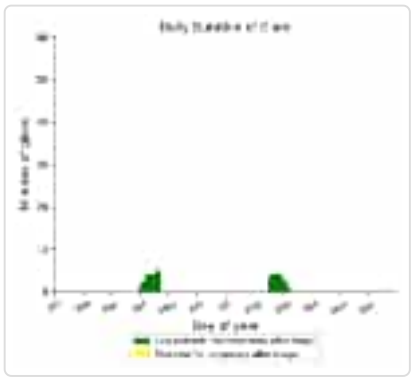


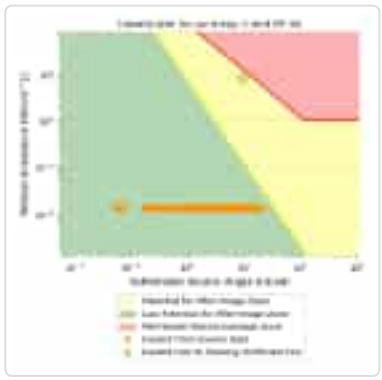
PV array 3: OP 80

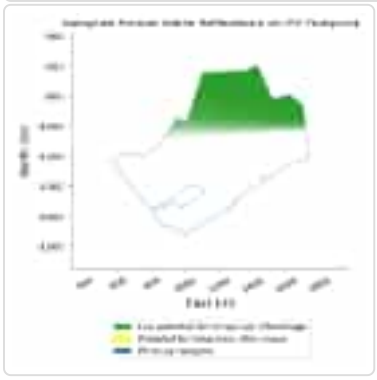
PV array is expected to produce the following glare for this receptor:

- 163 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	97	0
OP: OP 9	55	0
OP: OP 10	112	0
OP: OP 11	81	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	62	0
OP: OP 15	17	0
OP: OP 16	156	0
OP: OP 17	194	0
OP: OP 18	466	0
OP: OP 19	570	0
OP: OP 20	542	0
OP: OP 21	768	0
OP: OP 22	752	0
OP: OP 23	441	0
OP: OP 24	561	0
OP: OP 25	1300	0

OP: OP 26	1014	0
OP: OP 27	1303	9
OP: OP 28	319	0
OP: OP 29	964	814
OP: OP 30	1573	0
OP: OP 31	1709	0
OP: OP 32	1708	0
OP: OP 33	1607	0
OP: OP 34	1539	0
OP: OP 35	686	0
OP: OP 36	645	0
OP: OP 37	732	0
OP: OP 38	1412	1801
OP: OP 39	1690	1522
OP: OP 40	2360	694
OP: OP 41	1520	754
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	936	321
OP: OP 73	766	762
OP: OP 74	1251	266
OP: OP 75	738	798
OP: OP 76	725	775
OP: OP 77	869	598
OP: OP 78	247	0
OP: OP 79	1342	0

OP: OP 80	1453	0

PV array 4: OP 1

No glare found

PV array 4: OP 2

No glare found

PV array 4: OP 3

No glare found

PV array 4: OP 4

No glare found

PV array 4: OP 5

No glare found

PV array 4: OP 6

No glare found

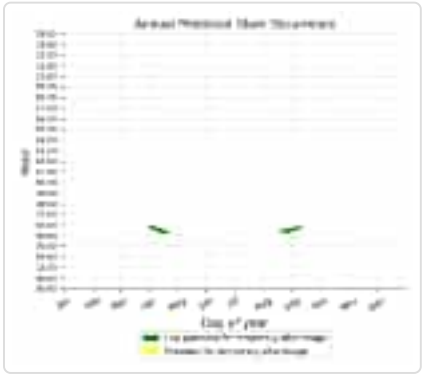
PV array 4: OP 7

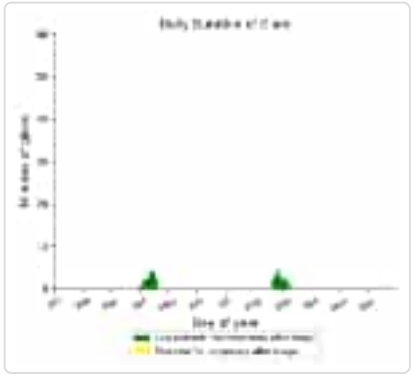
No glare found

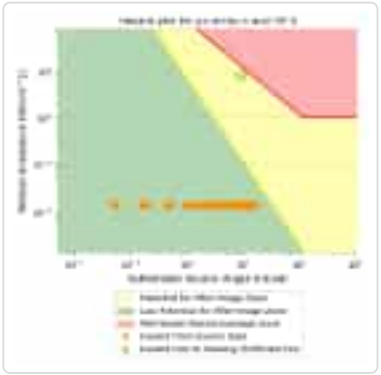
PV array 4: OP 8

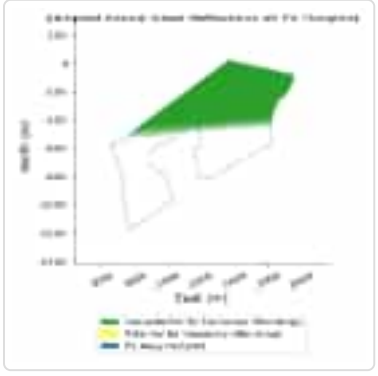
PV array is expected to produce the following glare for this receptor:

- 97 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





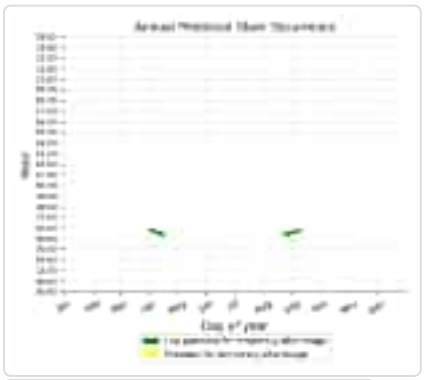


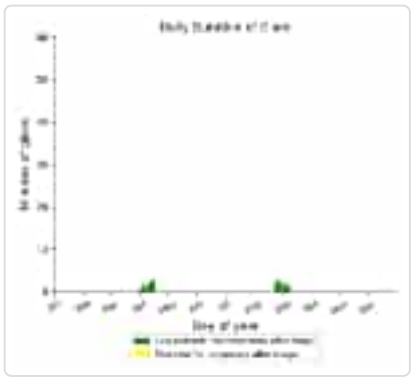


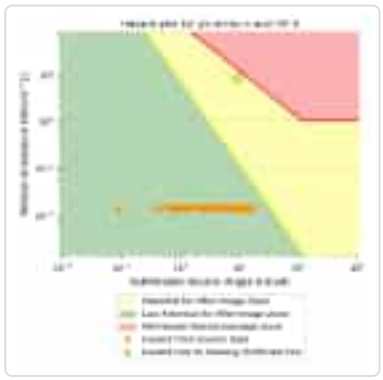
PV array 4: OP 9

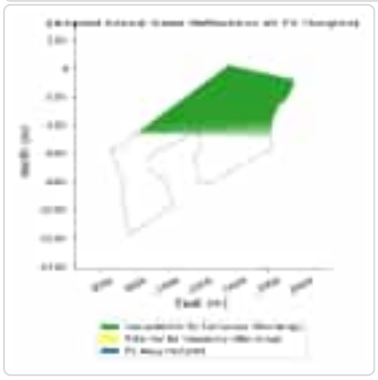
PV array is expected to produce the following glare for this receptor:

- 55 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





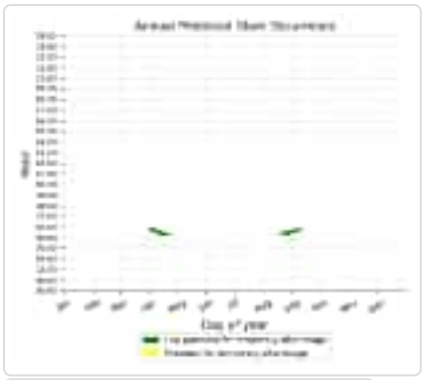


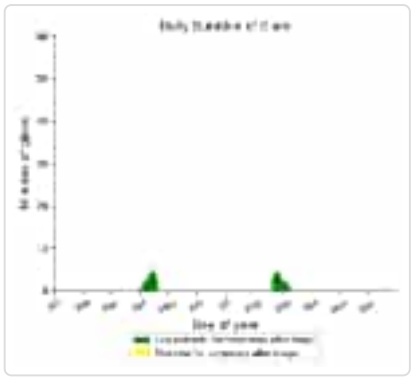


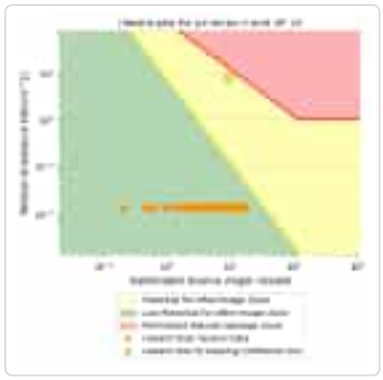
PV array 4: OP 10

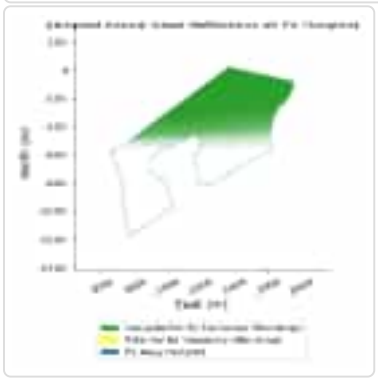
PV array is expected to produce the following glare for this receptor:

- 112 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





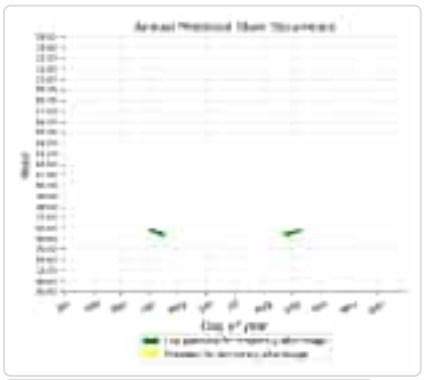


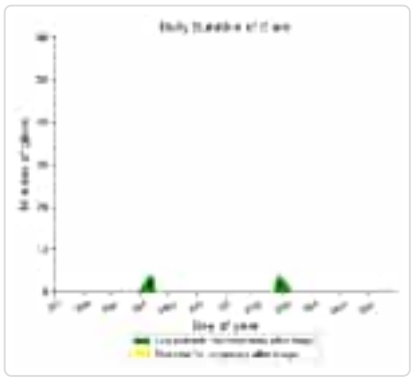


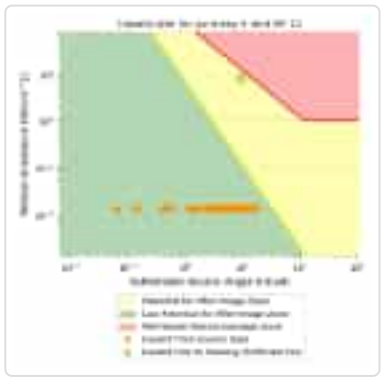
PV array 4: OP 11

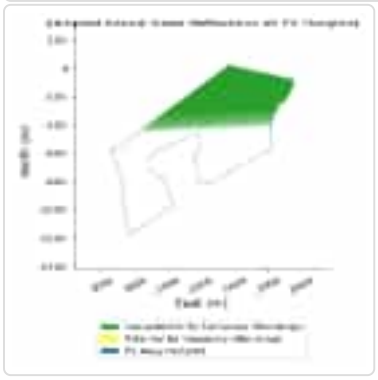
PV array is expected to produce the following glare for this receptor:

- 81 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 12

No glare found

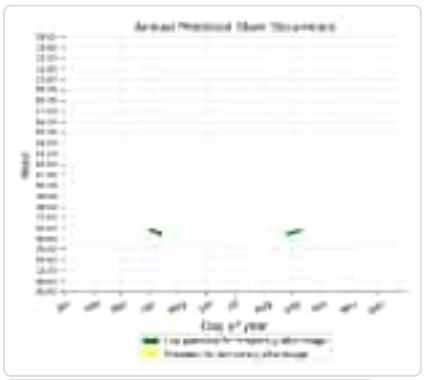
PV array 4: OP 13

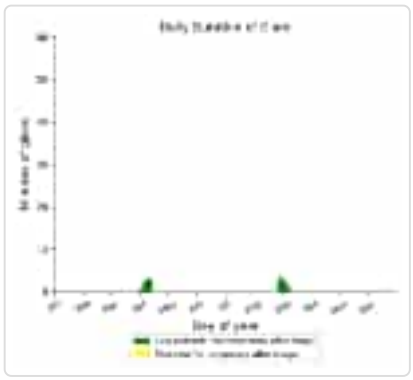
No glare found

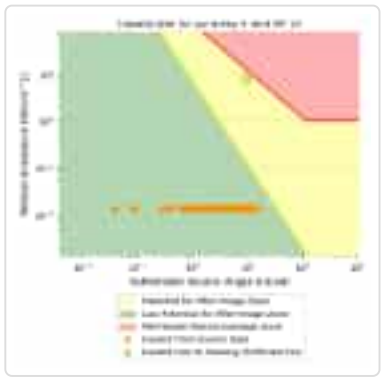
PV array 4: OP 14

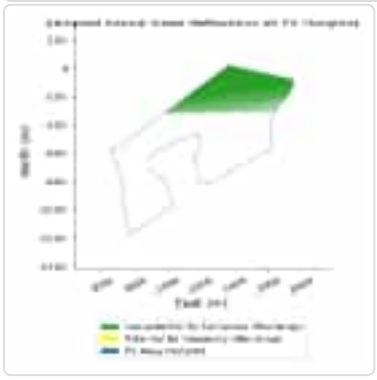
PV array is expected to produce the following glare for this receptor:

- 62 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





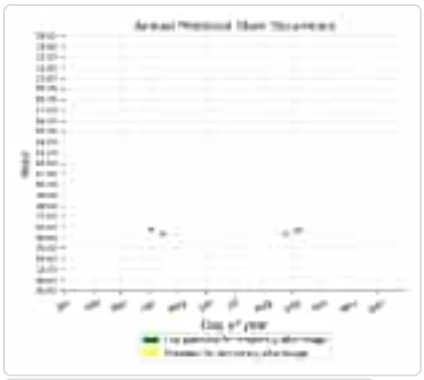


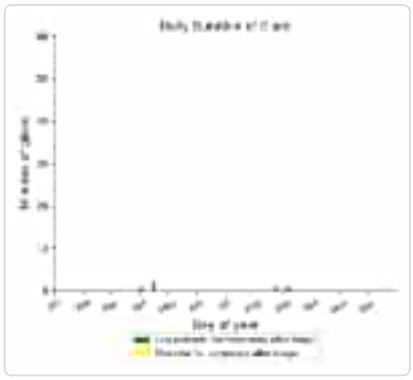


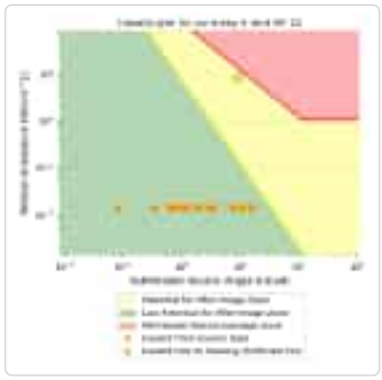
PV array 4: OP 15

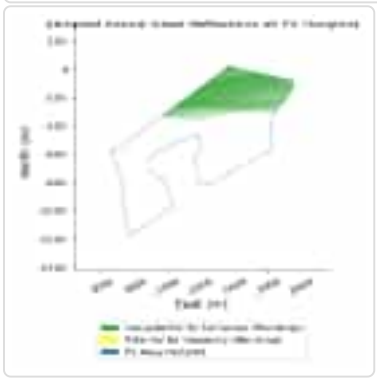
PV array is expected to produce the following glare for this receptor:

- 17 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





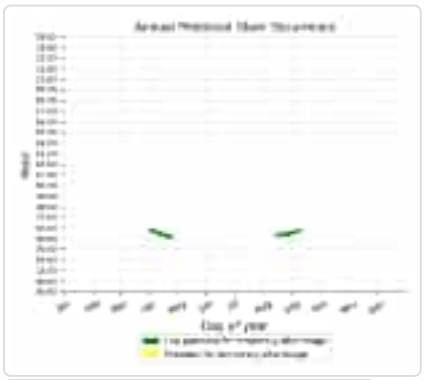


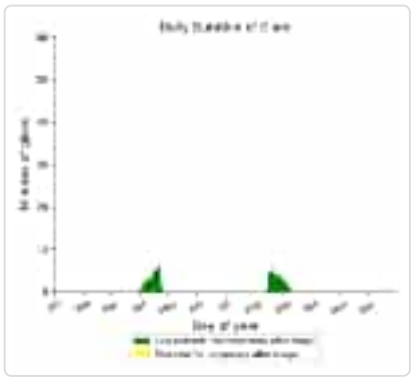


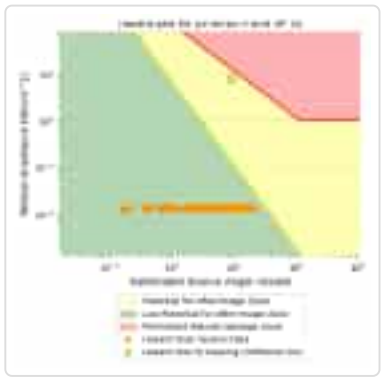
PV array 4: OP 16

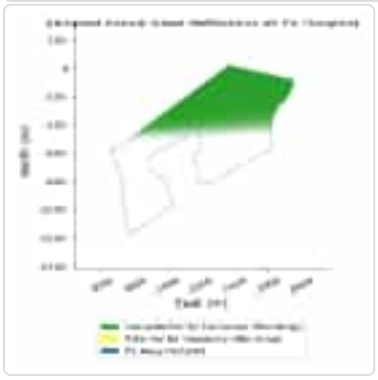
PV array is expected to produce the following glare for this receptor:

- 156 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





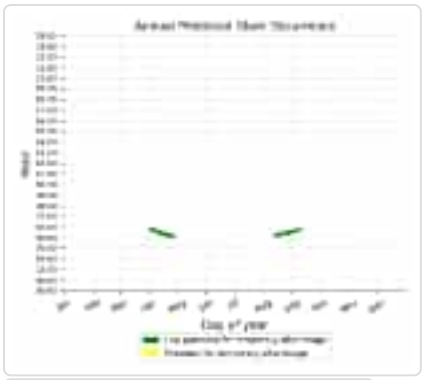


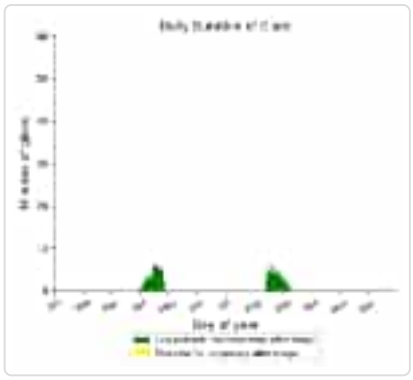


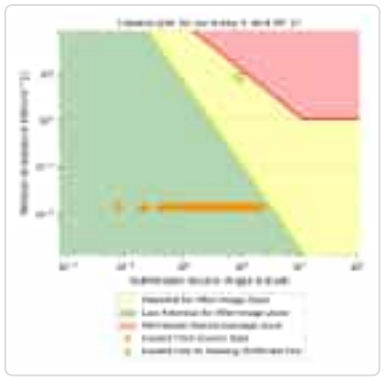
PV array 4: OP 17

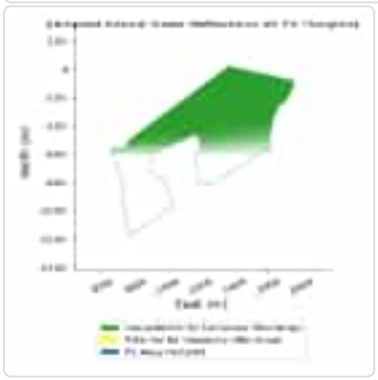
PV array is expected to produce the following glare for this receptor:

- 194 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





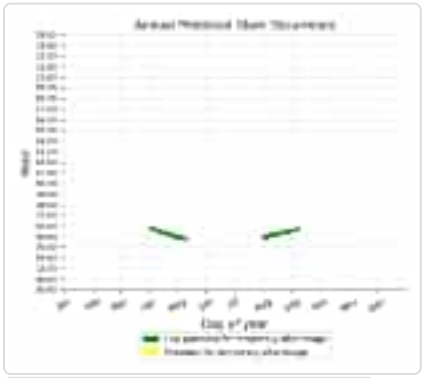


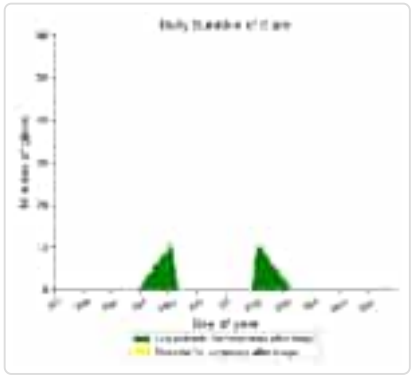


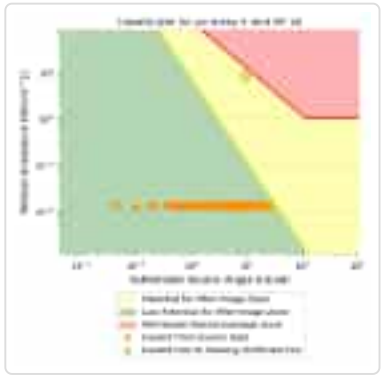
PV array 4: OP 18

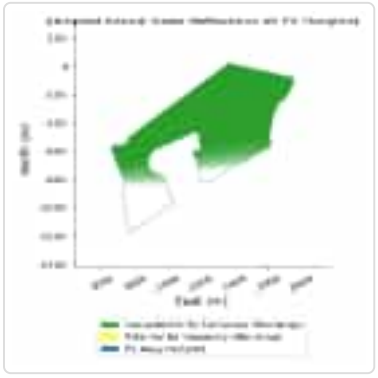
PV array is expected to produce the following glare for this receptor:

- 466 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





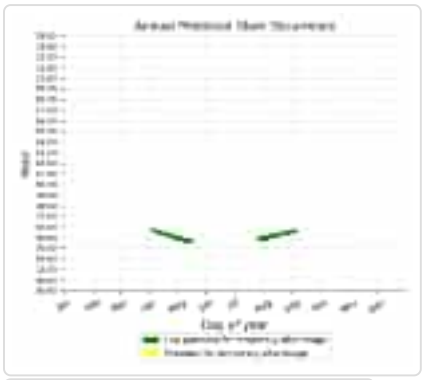


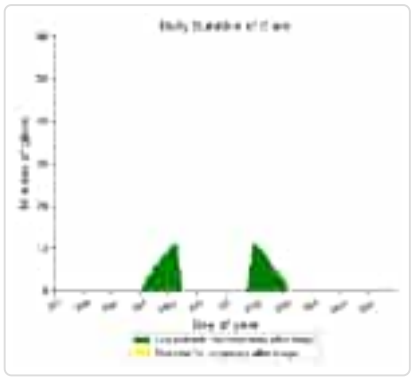


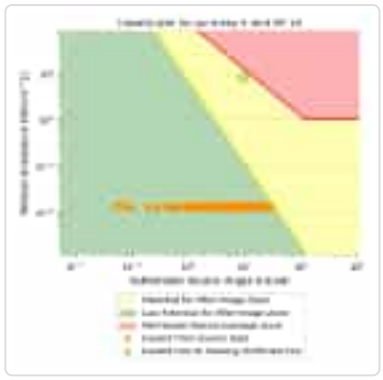
PV array 4: OP 19

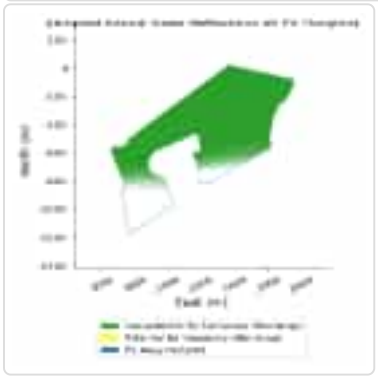
PV array is expected to produce the following glare for this receptor:

- 570 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





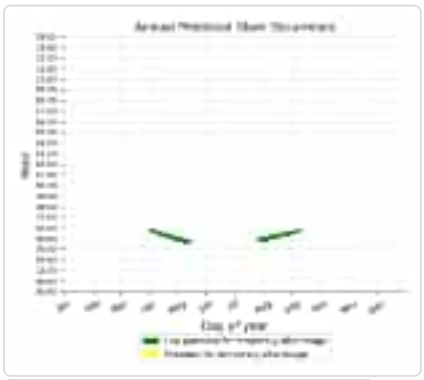


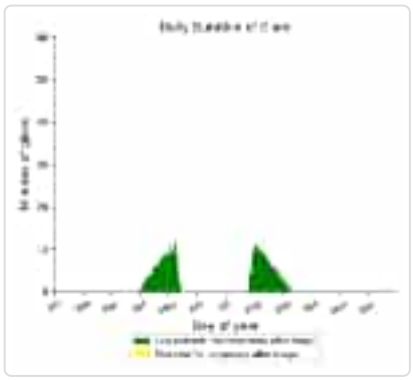


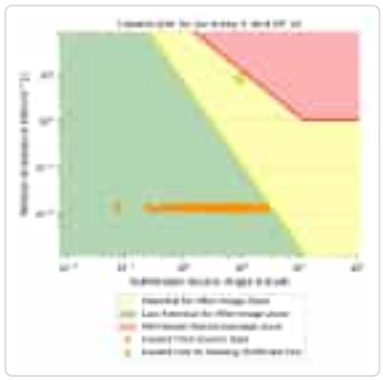
PV array 4: OP 20

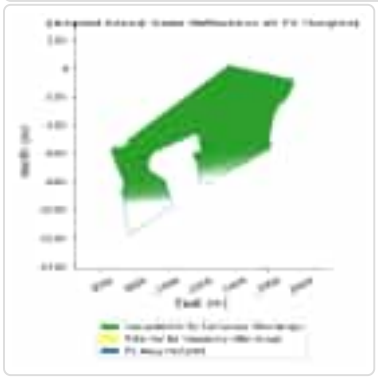
PV array is expected to produce the following glare for this receptor:

- 542 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





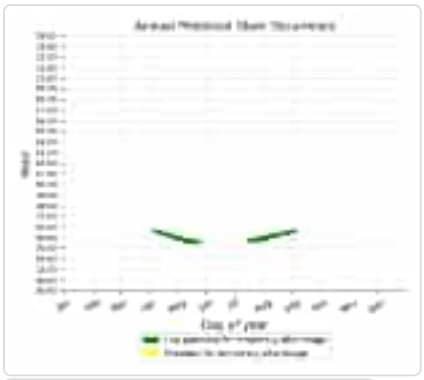


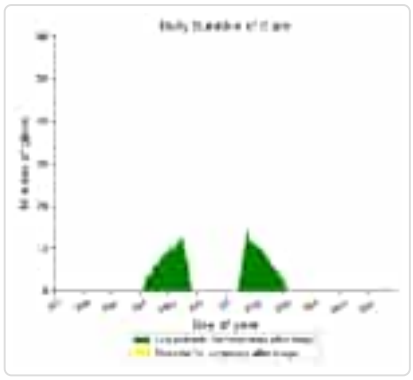


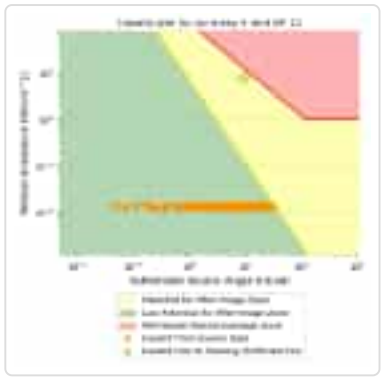
PV array 4: OP 21

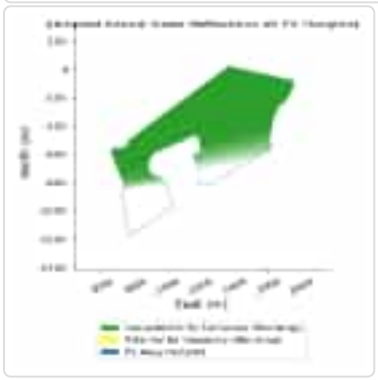
PV array is expected to produce the following glare for this receptor:

- 768 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





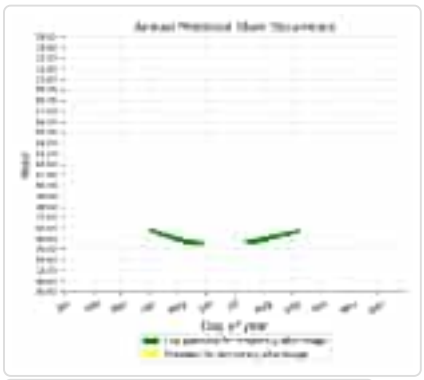


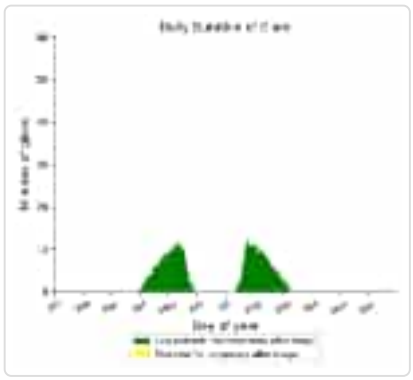


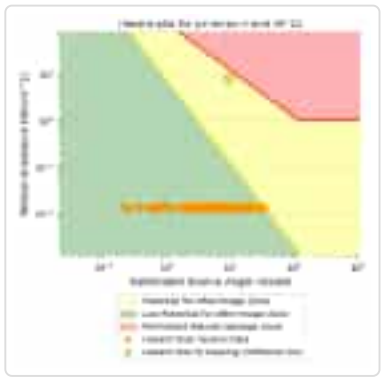
PV array 4: OP 22

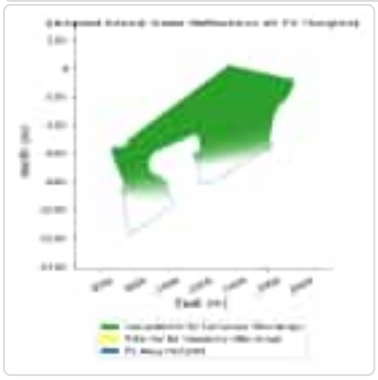
PV array is expected to produce the following glare for this receptor:

- 752 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





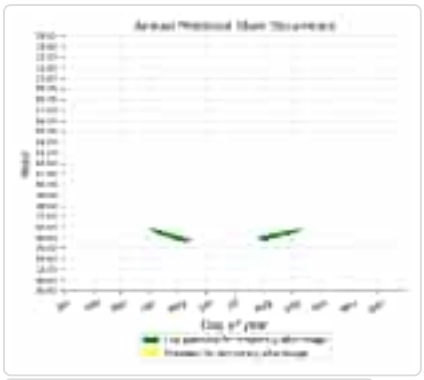


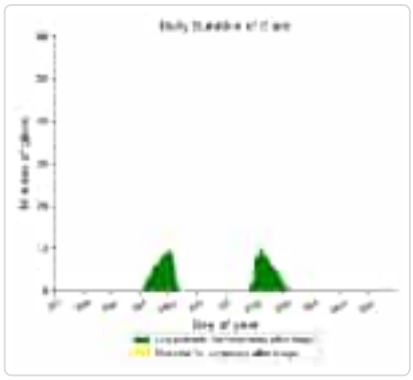


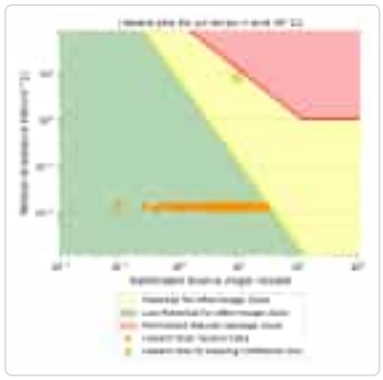
PV array 4: OP 23

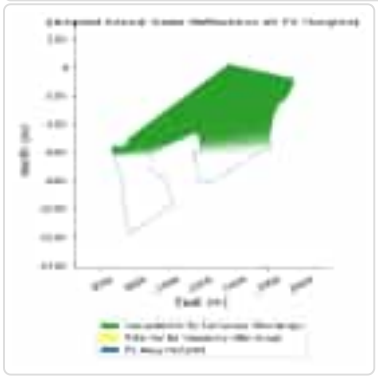
PV array is expected to produce the following glare for this receptor:

- 441 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





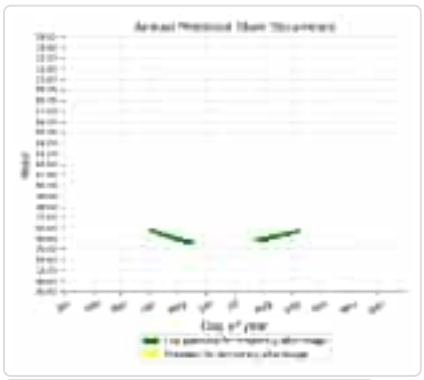


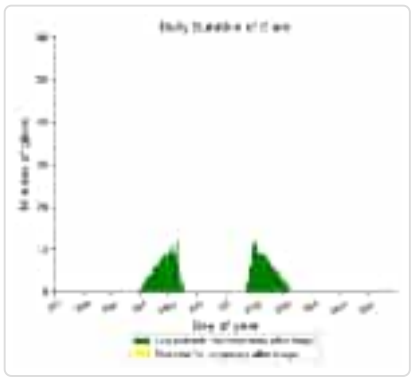


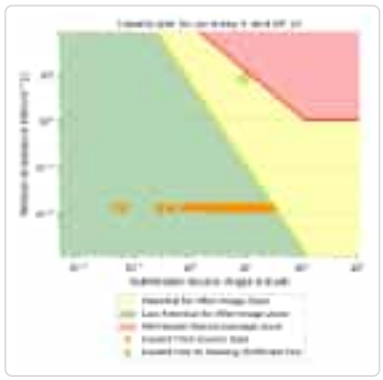
PV array 4: OP 24

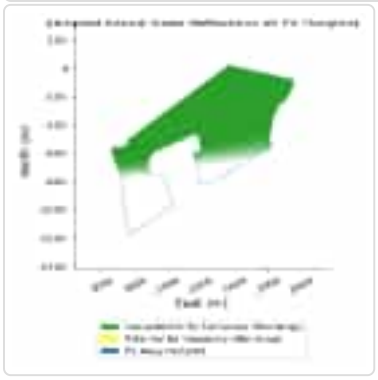
PV array is expected to produce the following glare for this receptor:

- 561 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





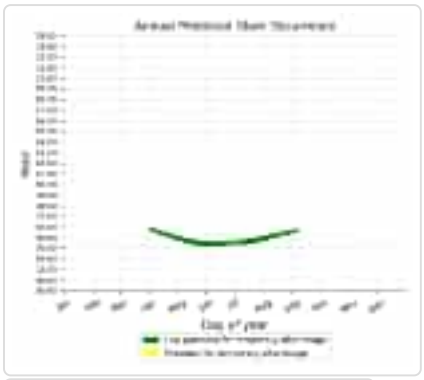


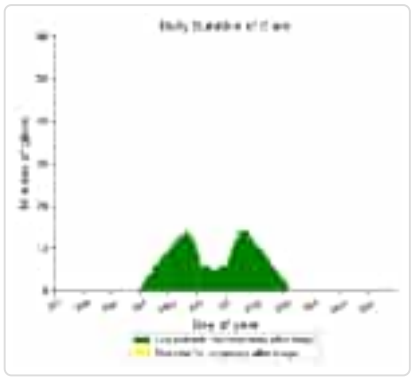


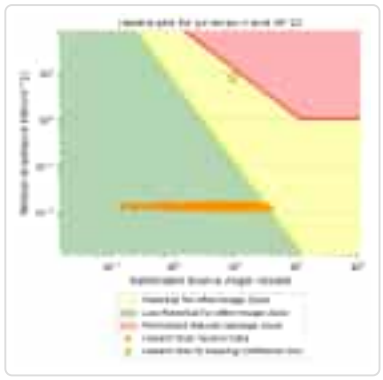
PV array 4: OP 25

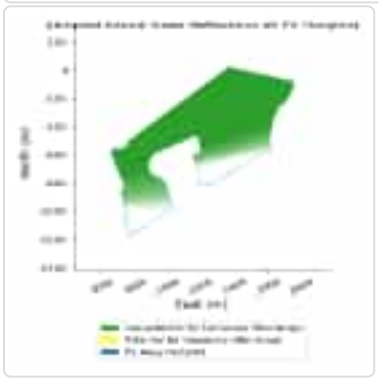
PV array is expected to produce the following glare for this receptor:

- 1,300 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





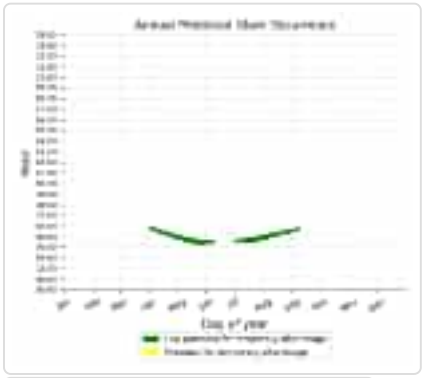


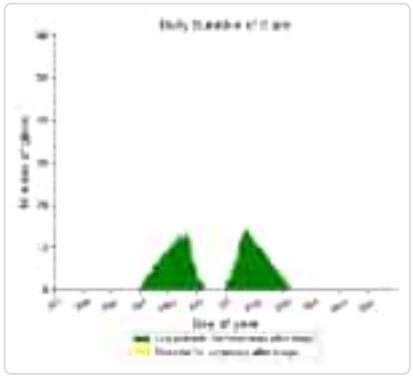


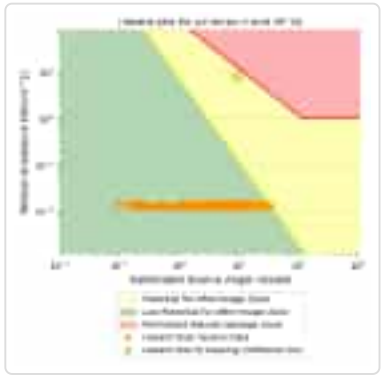
PV array 4: OP 26

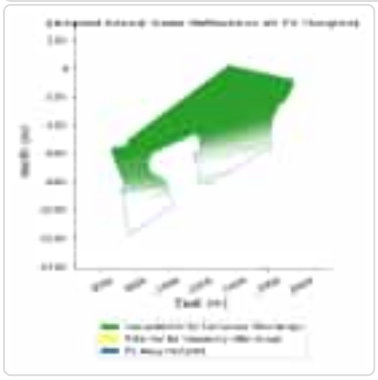
PV array is expected to produce the following glare for this receptor:

- 1,014 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





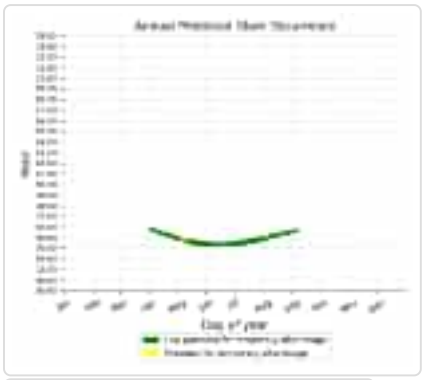


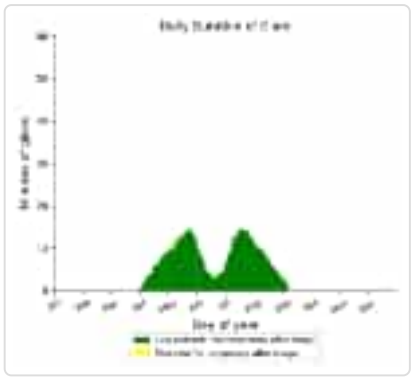


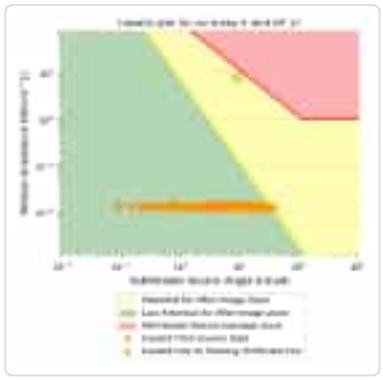
PV array 4: OP 27

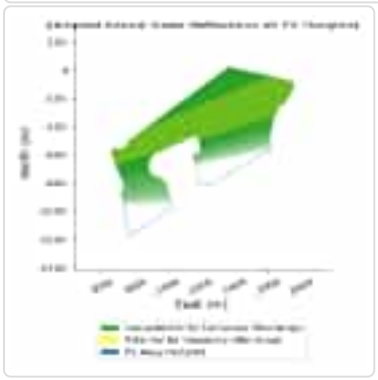
PV array is expected to produce the following glare for this receptor:

- 1,303 minutes of "green" glare with low potential to cause temporary after-image.
- 9 minutes of "yellow" glare with potential to cause temporary after-image.





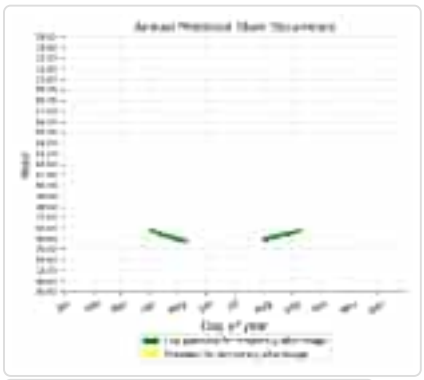


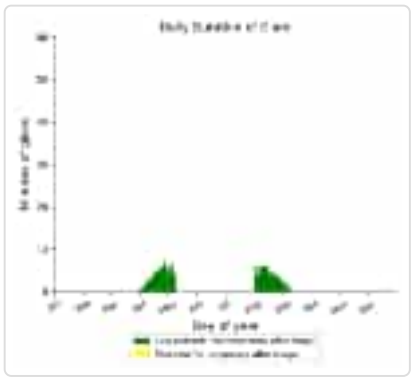


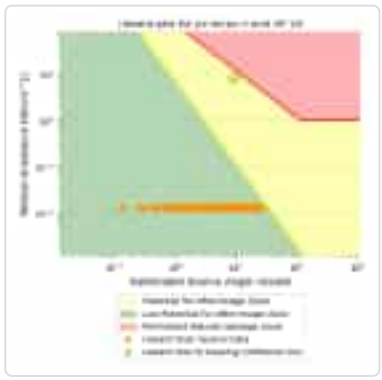
PV array 4: OP 28

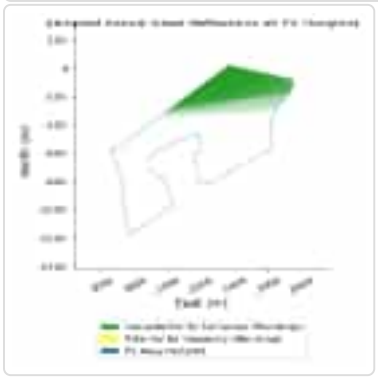
PV array is expected to produce the following glare for this receptor:

- 319 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





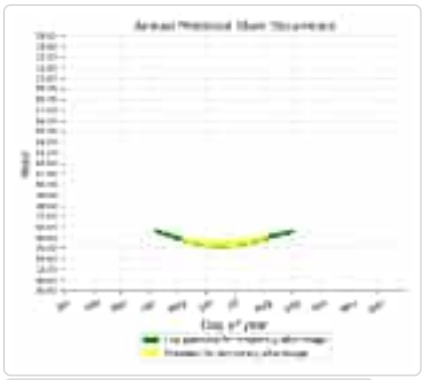


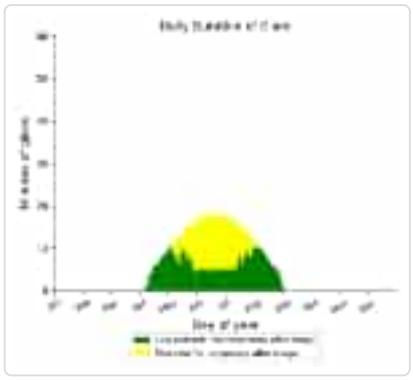


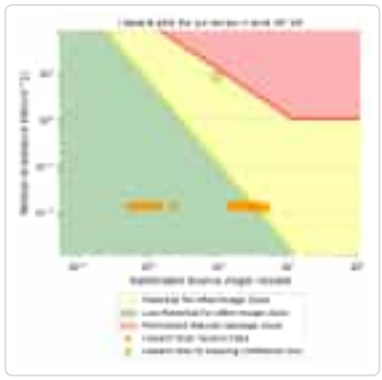
PV array 4: OP 29

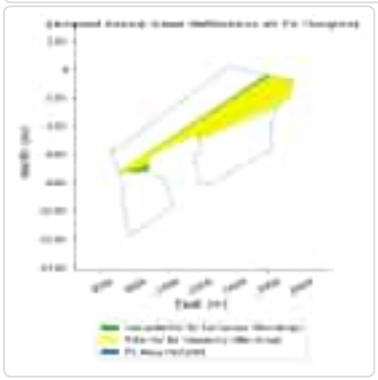
PV array is expected to produce the following glare for this receptor:

- 964 minutes of "green" glare with low potential to cause temporary after-image.
- 814 minutes of "yellow" glare with potential to cause temporary after-image.





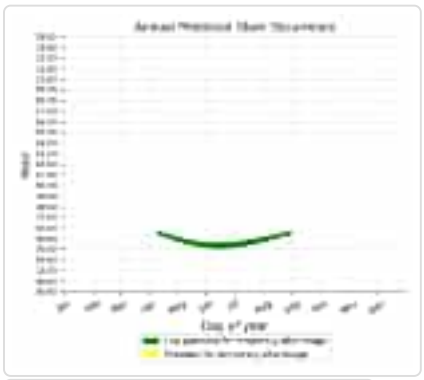


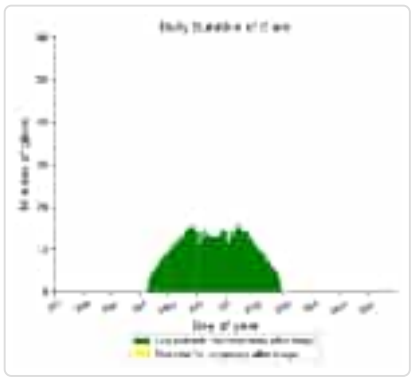


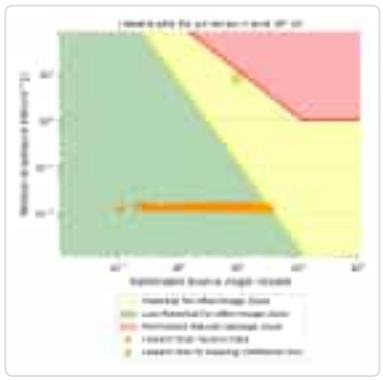
PV array 4: OP 30

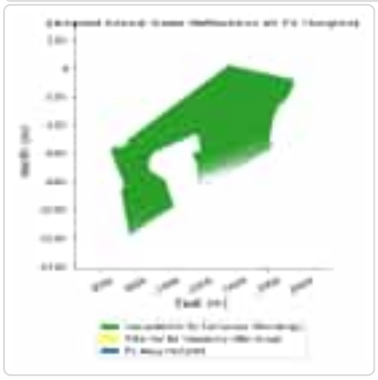
PV array is expected to produce the following glare for this receptor:

- 1,573 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





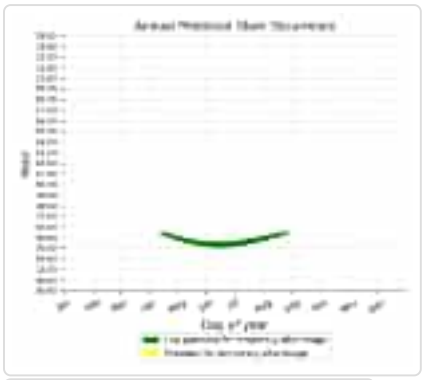


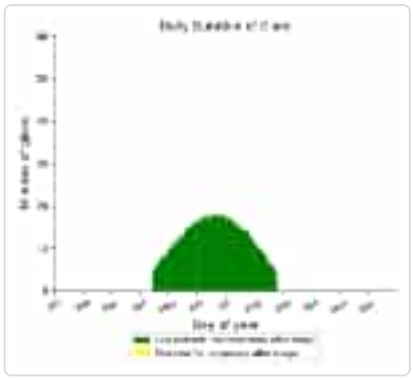


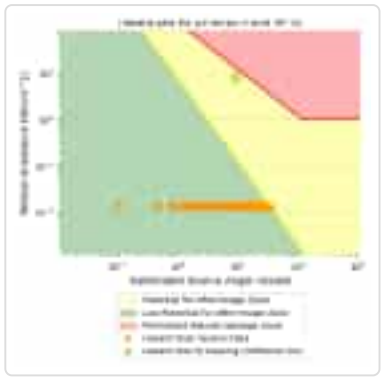
PV array 4: OP 31

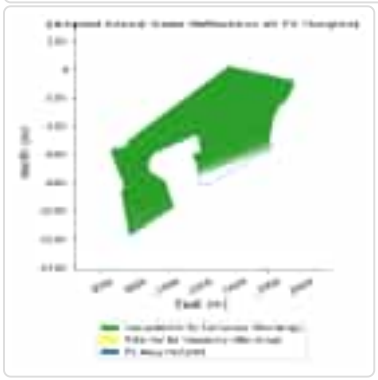
PV array is expected to produce the following glare for this receptor:

- 1,709 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





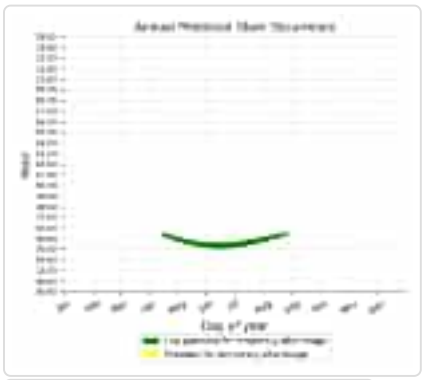


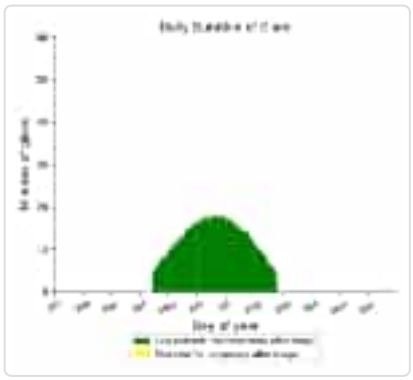


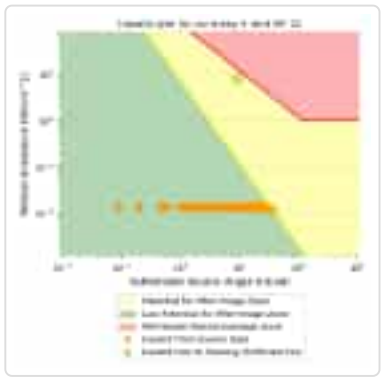
PV array 4: OP 32

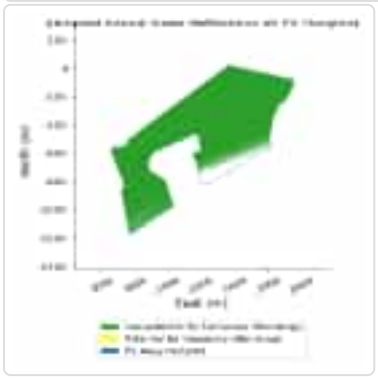
PV array is expected to produce the following glare for this receptor:

- 1,708 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





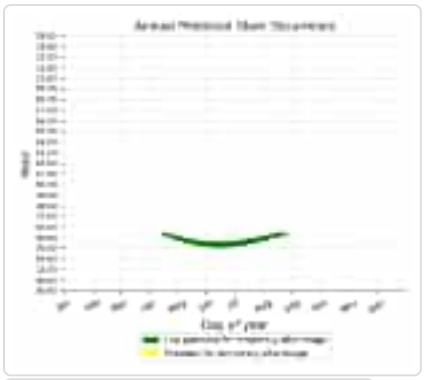


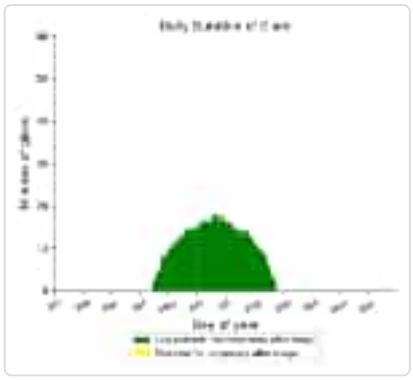


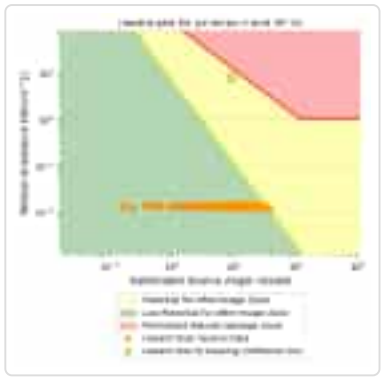
PV array 4: OP 33

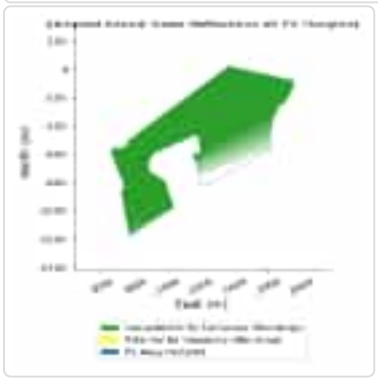
PV array is expected to produce the following glare for this receptor:

- 1,607 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





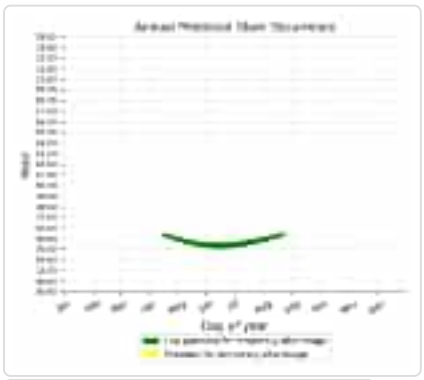


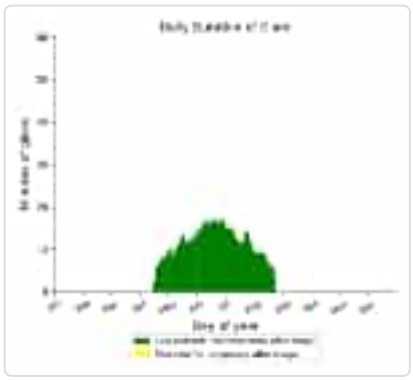


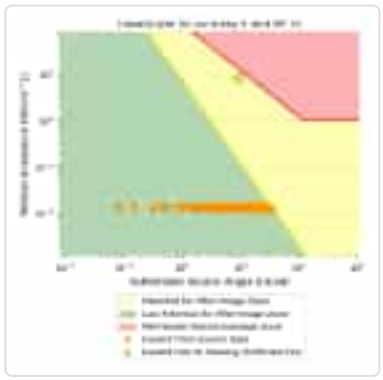
PV array 4: OP 34

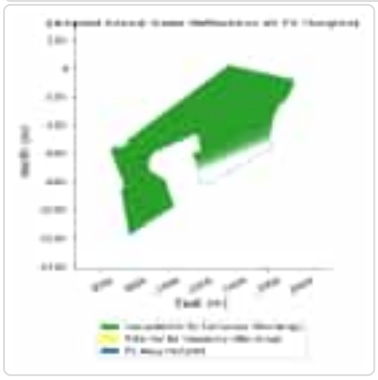
PV array is expected to produce the following glare for this receptor:

- 1,539 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





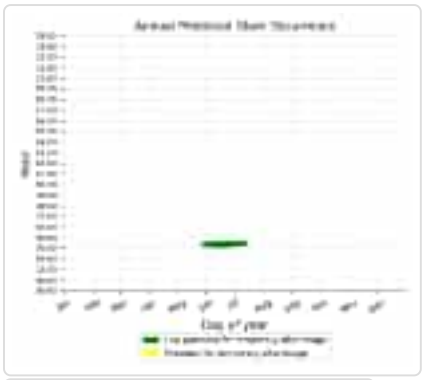


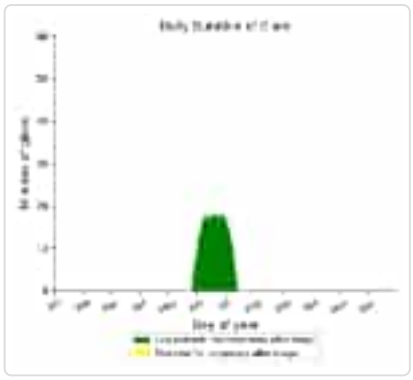


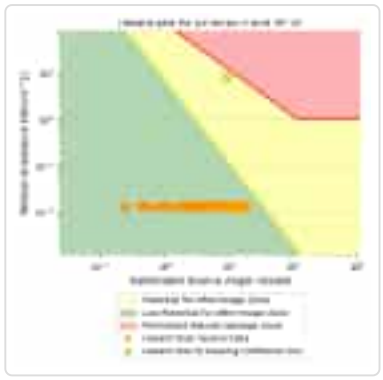
PV array 4: OP 35

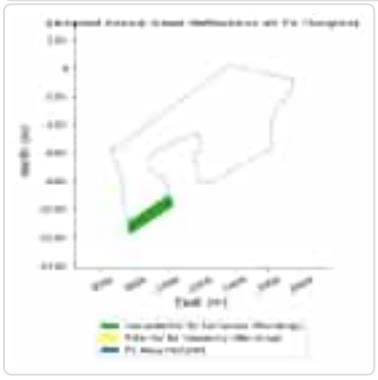
PV array is expected to produce the following glare for this receptor:

- 686 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





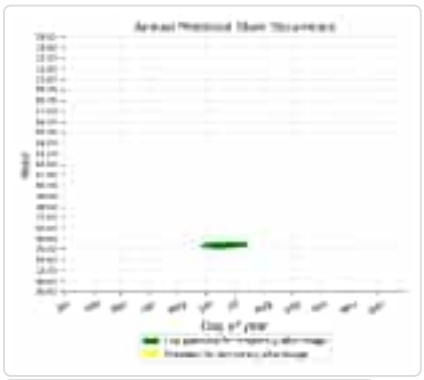


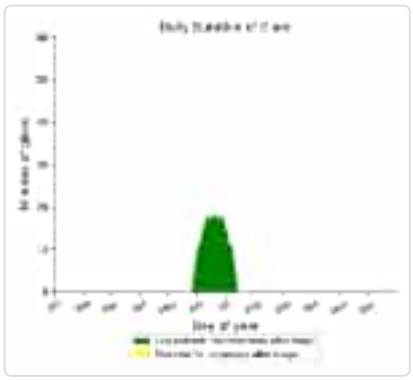


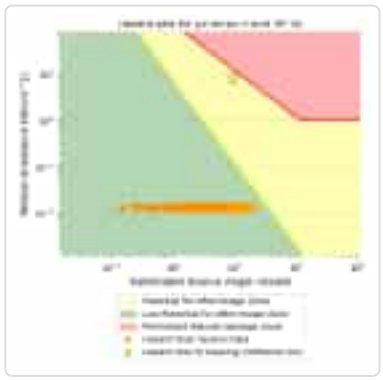
PV array 4: OP 36

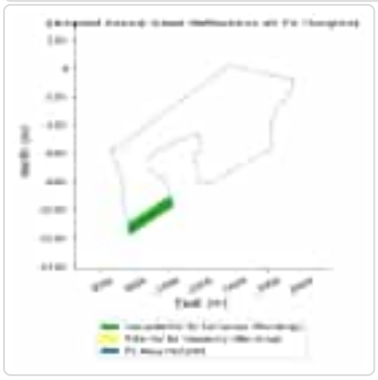
PV array is expected to produce the following glare for this receptor:

- 645 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





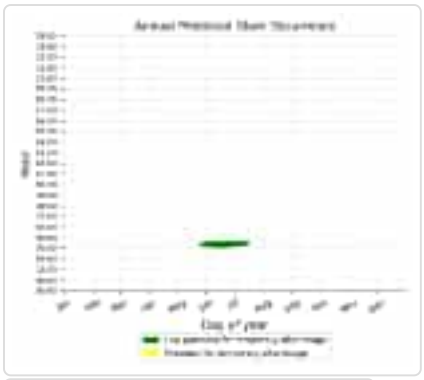


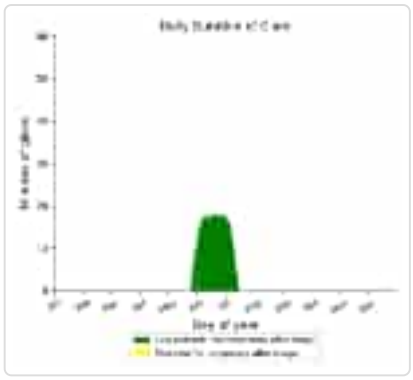


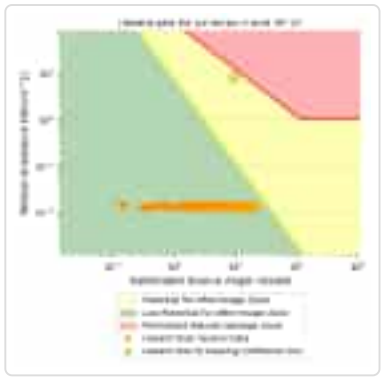
PV array 4: OP 37

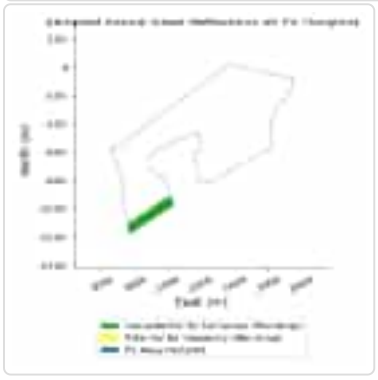
PV array is expected to produce the following glare for this receptor:

- 732 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





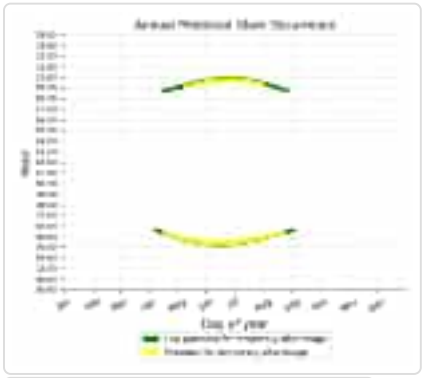


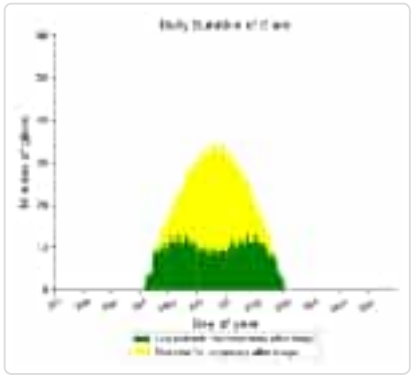


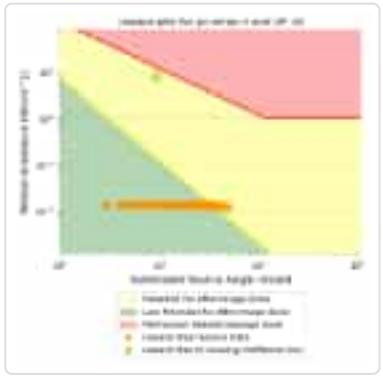
PV array 4: OP 38

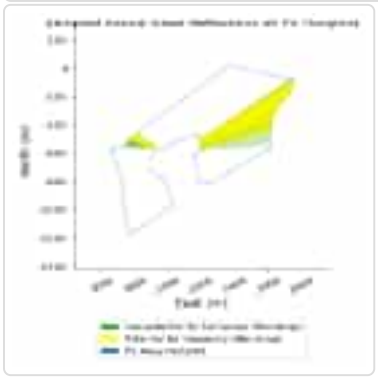
PV array is expected to produce the following glare for this receptor:

- 1,412 minutes of "green" glare with low potential to cause temporary after-image.
- 1,801 minutes of "yellow" glare with potential to cause temporary after-image.





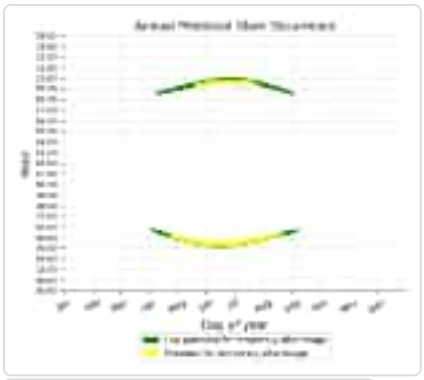


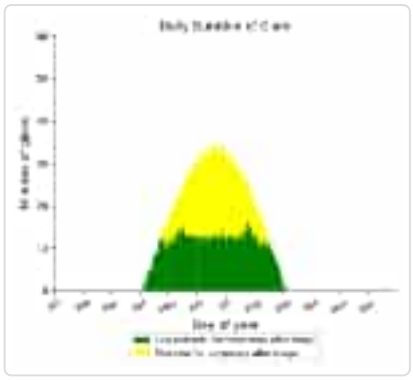


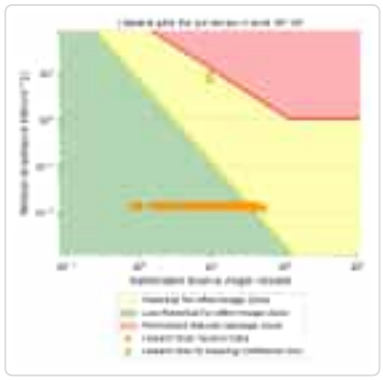
PV array 4: OP 39

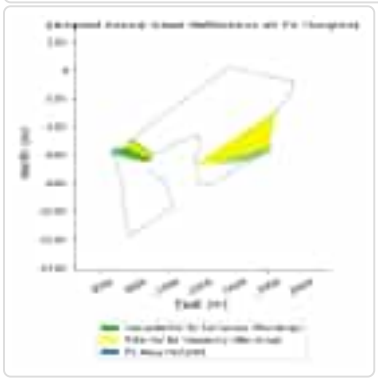
PV array is expected to produce the following glare for this receptor:

- 1,690 minutes of "green" glare with low potential to cause temporary after-image.
- 1,522 minutes of "yellow" glare with potential to cause temporary after-image.





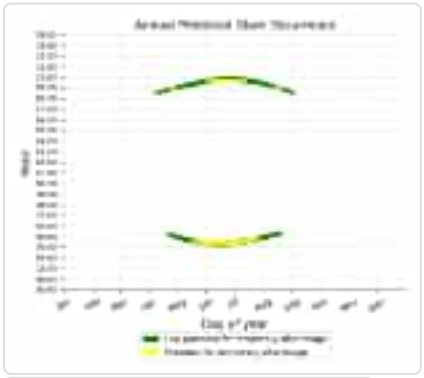


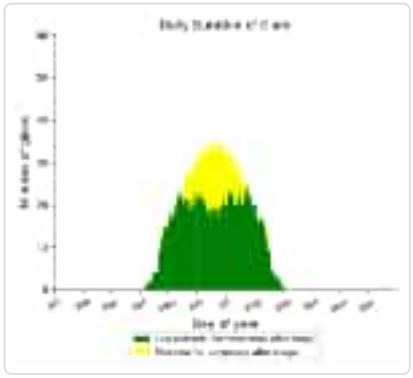


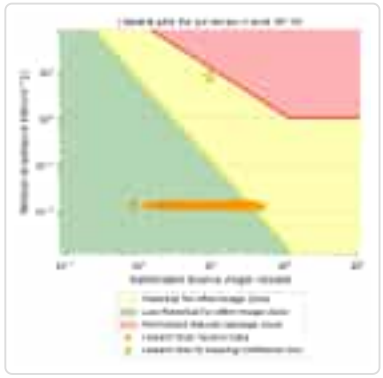
PV array 4: OP 40

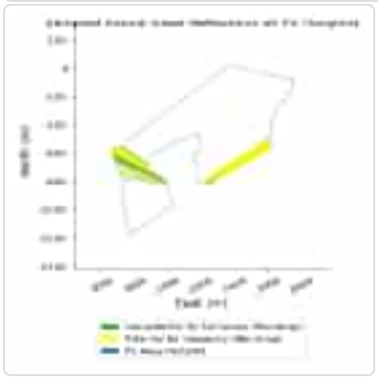
PV array is expected to produce the following glare for this receptor:

- 2,360 minutes of "green" glare with low potential to cause temporary after-image.
- 694 minutes of "yellow" glare with potential to cause temporary after-image.





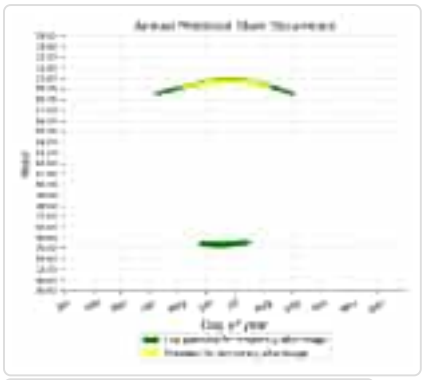


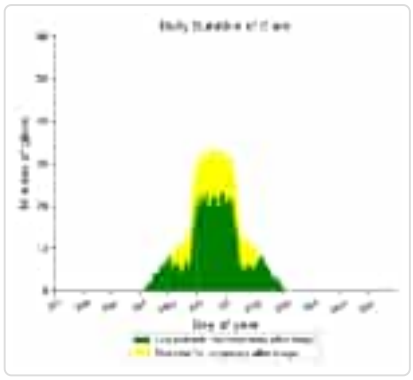


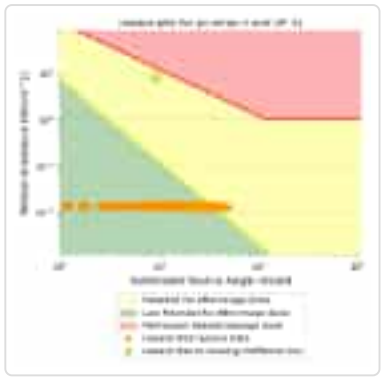
PV array 4: OP 41

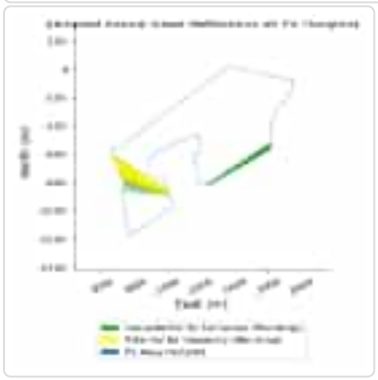
PV array is expected to produce the following glare for this receptor:

- 1,520 minutes of "green" glare with low potential to cause temporary after-image.
- 754 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 42

No glare found

PV array 4: OP 43

No glare found

PV array 4: OP 44

No glare found

PV array 4: OP 45

No glare found

PV array 4: OP 46

No glare found

PV array 4: OP 47

No glare found

PV array 4: OP 48

No glare found

PV array 4: OP 49

No glare found

PV array 4: OP 50

No glare found

PV array 4: OP 51

No glare found

PV array 4: OP 52

No glare found

PV array 4: OP 53

No glare found

PV array 4: OP 54

No glare found

PV array 4: OP 55

No glare found

PV array 4: OP 56

No glare found

PV array 4: OP 57

No glare found

PV array 4: OP 58

No glare found

PV array 4: OP 59

No glare found

PV array 4: OP 60

No glare found

PV array 4: OP 61

No glare found

PV array 4: OP 62

No glare found

PV array 4: OP 63

No glare found

PV array 4: OP 64

No glare found

PV array 4: OP 65

No glare found

PV array 4: OP 66

No glare found

PV array 4: OP 67

No glare found

PV array 4: OP 68

No glare found

PV array 4: OP 69

No glare found

PV array 4: OP 70

No glare found

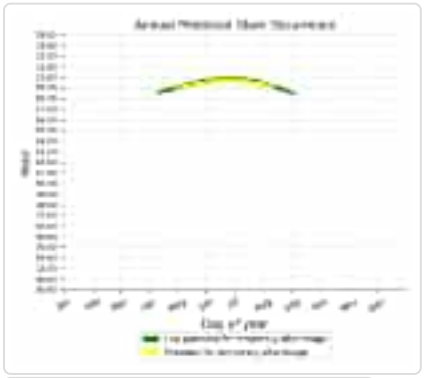
PV array 4: OP 71

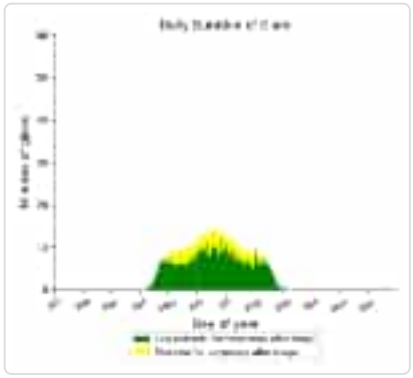
No glare found

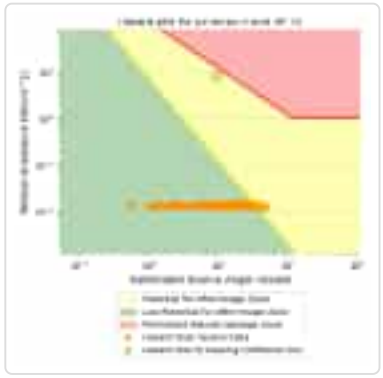
PV array 4: OP 72

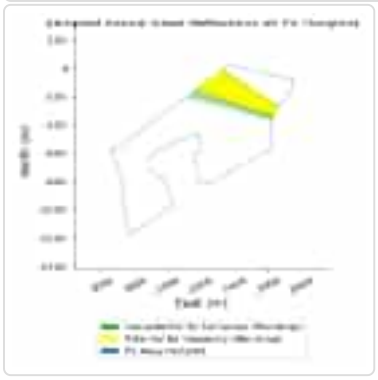
PV array is expected to produce the following glare for this receptor:

- 936 minutes of "green" glare with low potential to cause temporary after-image.
- 321 minutes of "yellow" glare with potential to cause temporary after-image.





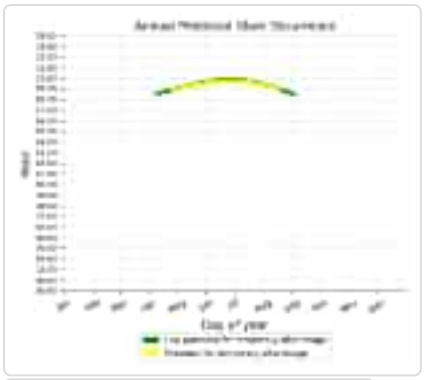


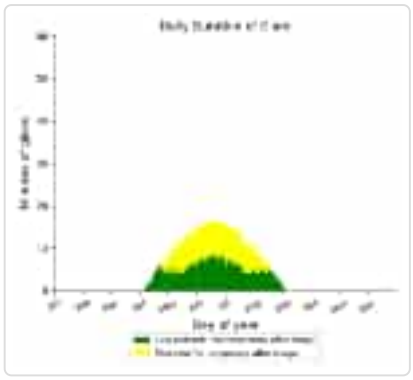


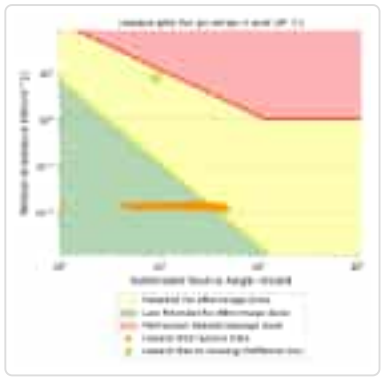
PV array 4: OP 73

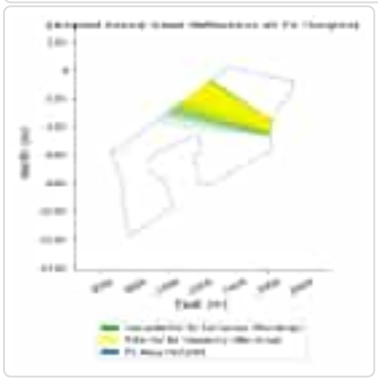
PV array is expected to produce the following glare for this receptor:

- 766 minutes of "green" glare with low potential to cause temporary after-image.
- 762 minutes of "yellow" glare with potential to cause temporary after-image.





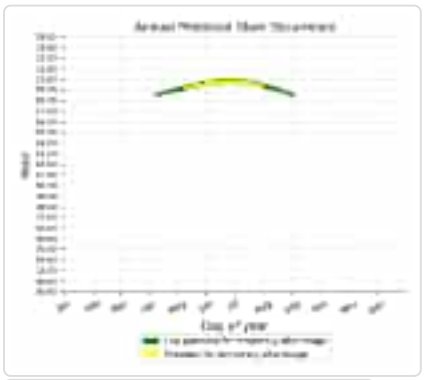


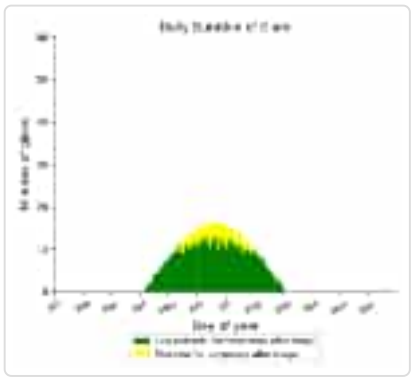


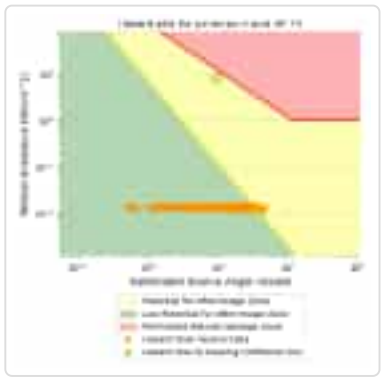
PV array 4: OP 74

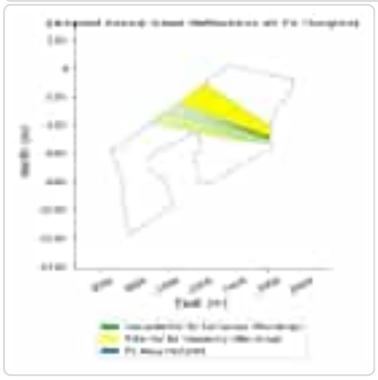
PV array is expected to produce the following glare for this receptor:

- 1,251 minutes of "green" glare with low potential to cause temporary after-image.
- 266 minutes of "yellow" glare with potential to cause temporary after-image.





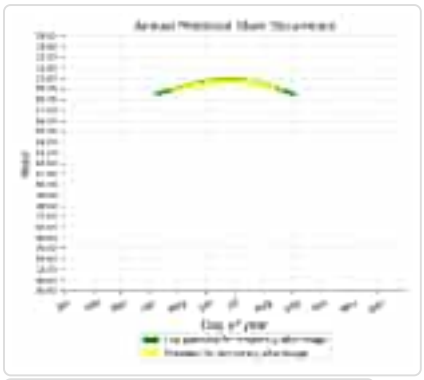


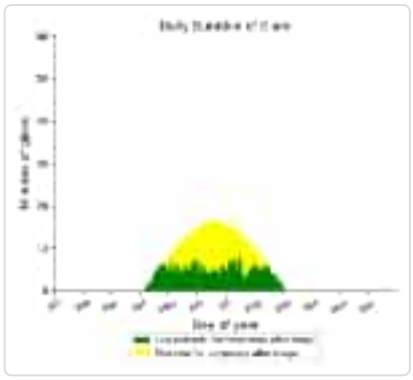


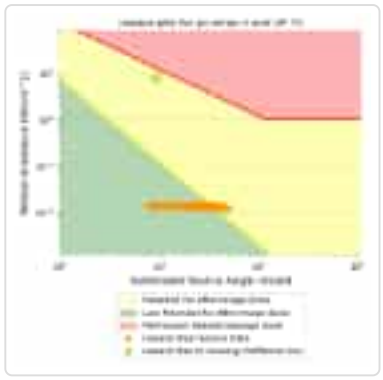
PV array 4: OP 75

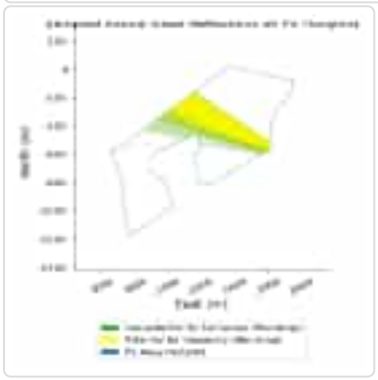
PV array is expected to produce the following glare for this receptor:

- 738 minutes of "green" glare with low potential to cause temporary after-image.
- 798 minutes of "yellow" glare with potential to cause temporary after-image.





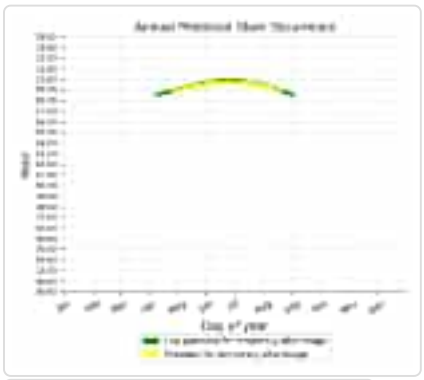


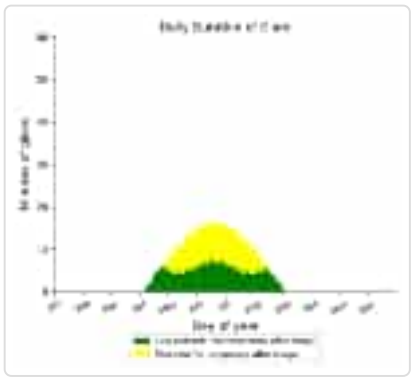


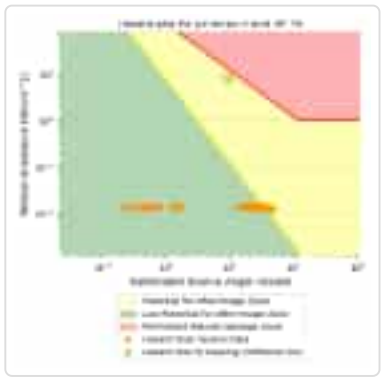
PV array 4: OP 76

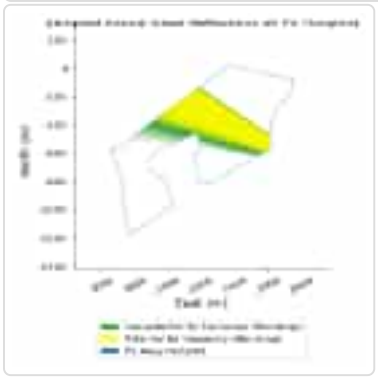
PV array is expected to produce the following glare for this receptor:

- 725 minutes of "green" glare with low potential to cause temporary after-image.
- 775 minutes of "yellow" glare with potential to cause temporary after-image.





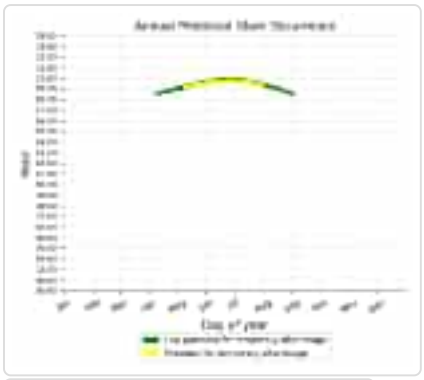


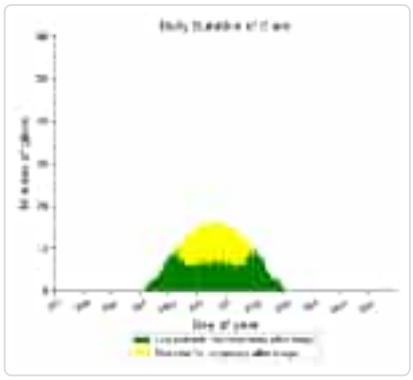


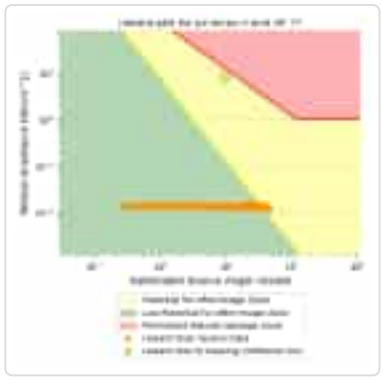
PV array 4: OP 77

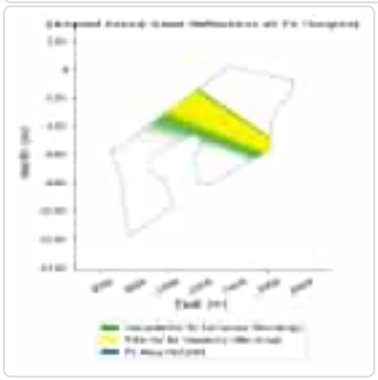
PV array is expected to produce the following glare for this receptor:

- 869 minutes of "green" glare with low potential to cause temporary after-image.
- 598 minutes of "yellow" glare with potential to cause temporary after-image.





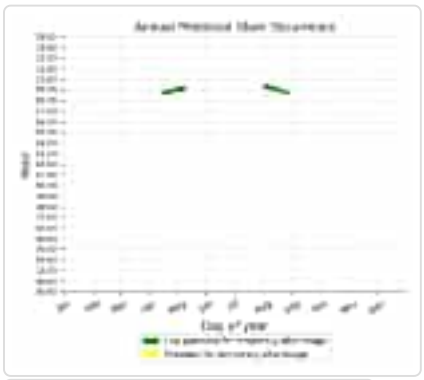


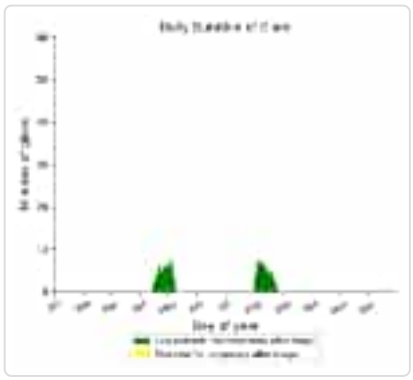


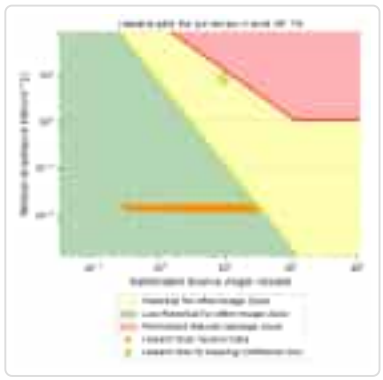
PV array 4: OP 78

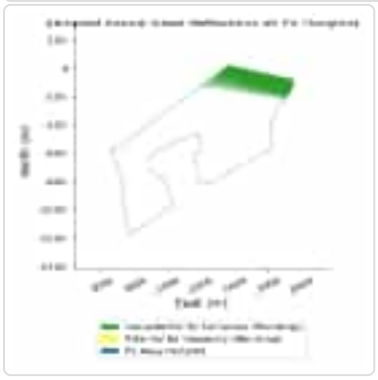
PV array is expected to produce the following glare for this receptor:

- 247 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





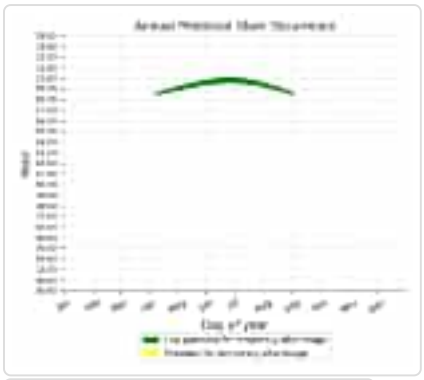


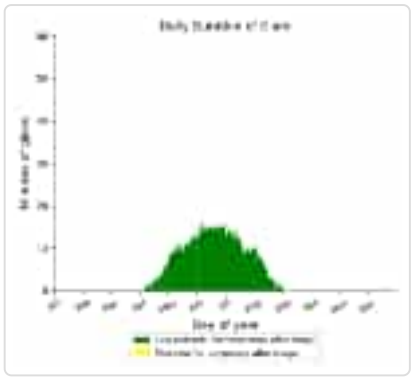


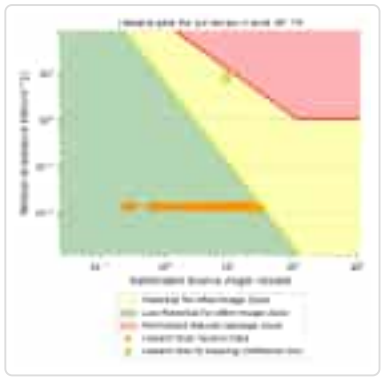
PV array 4: OP 79

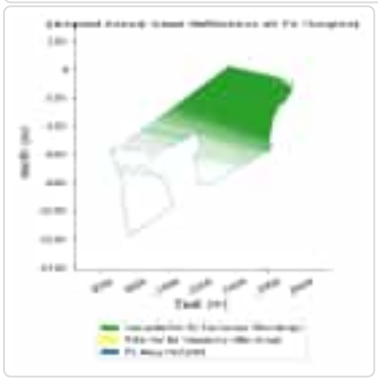
PV array is expected to produce the following glare for this receptor:

- 1,342 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





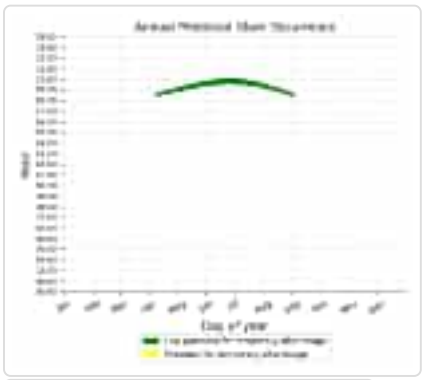


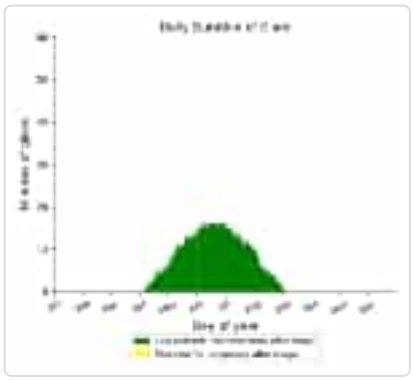


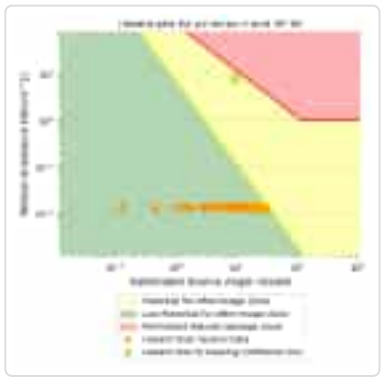
PV array 4: OP 80

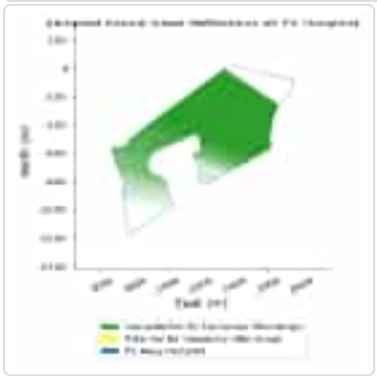
PV array is expected to produce the following glare for this receptor:

- 1,453 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	150	0
OP: OP 7	0	0
OP: OP 8	1127	0
OP: OP 9	1092	0
OP: OP 10	1142	0
OP: OP 11	1138	0
OP: OP 12	249	0
OP: OP 13	874	0
OP: OP 14	1071	0
OP: OP 15	1232	0
OP: OP 16	1385	0
OP: OP 17	1414	0
OP: OP 18	1712	0
OP: OP 19	1875	0
OP: OP 20	1790	0
OP: OP 21	2160	0
OP: OP 22	2290	0
OP: OP 23	1904	0
OP: OP 24	2035	0
OP: OP 25	3064	0

OP: OP 26	2621	0
OP: OP 27	3215	0
OP: OP 28	2417	0
OP: OP 29	3861	0
OP: OP 30	3155	0
OP: OP 31	3005	0
OP: OP 32	2976	0
OP: OP 33	2950	0
OP: OP 34	2871	0
OP: OP 35	634	0
OP: OP 36	633	0
OP: OP 37	666	0
OP: OP 38	3892	0
OP: OP 39	3087	0
OP: OP 40	1435	0
OP: OP 41	939	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	86	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	1054	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	2444	143
OP: OP 79	0	0

OP: OP 80	0	0

PV array 5: OP 1

No glare found

PV array 5: OP 2

No glare found

PV array 5: OP 3

No glare found

PV array 5: OP 4

No glare found

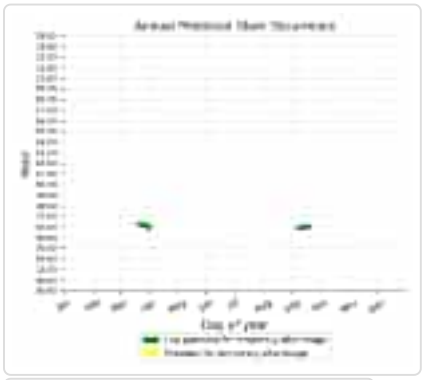
PV array 5: OP 5

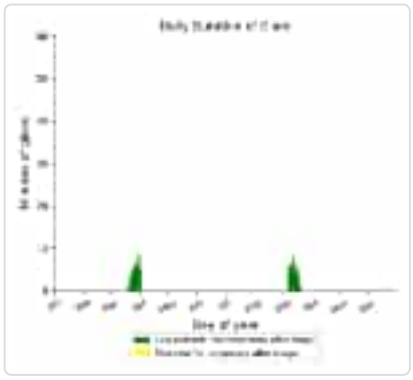
No glare found

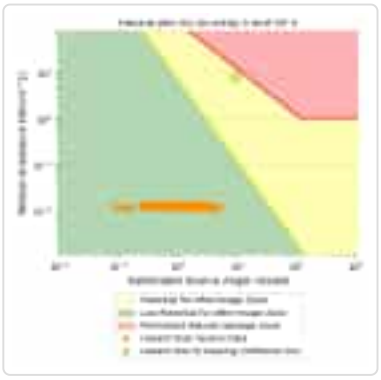
PV array 5: OP 6

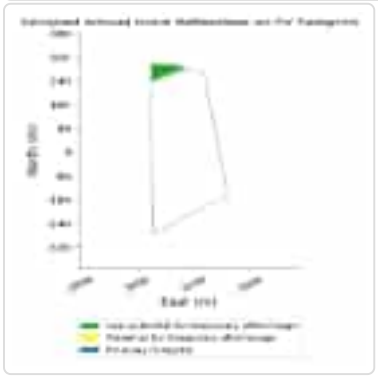
PV array is expected to produce the following glare for this receptor:

- 150 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









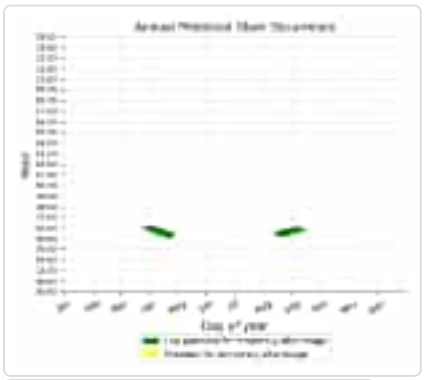
PV array 5: OP 7

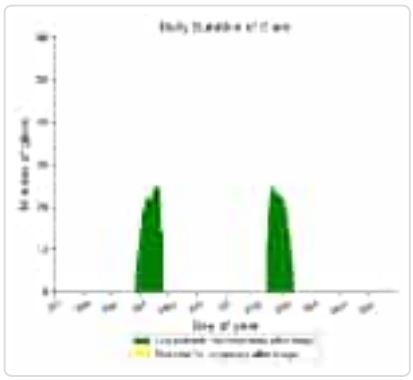
No glare found

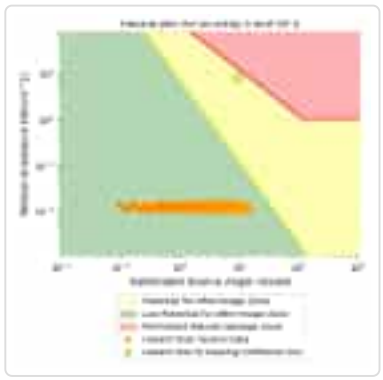
PV array 5: OP 8

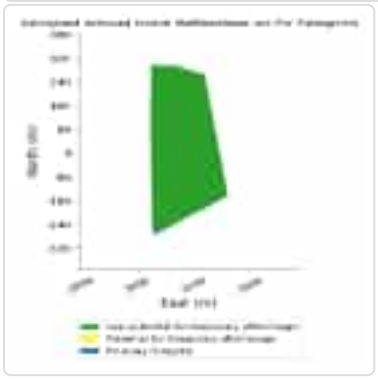
PV array is expected to produce the following glare for this receptor:

- 1,127 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





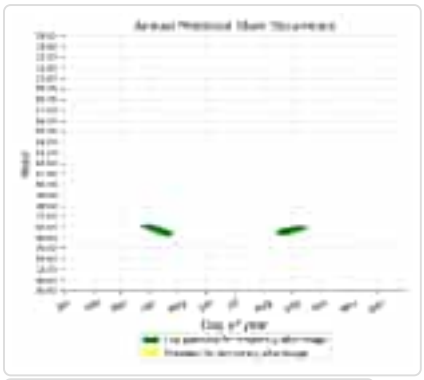


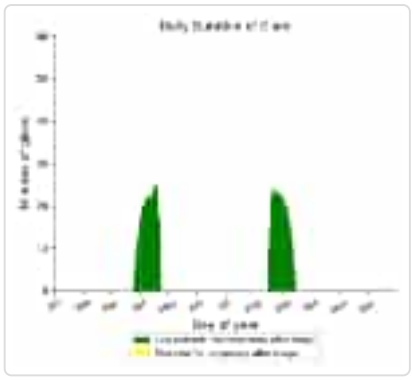


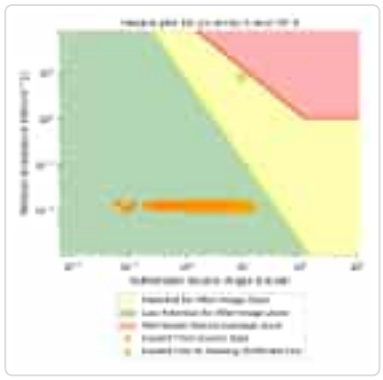
PV array 5: OP 9

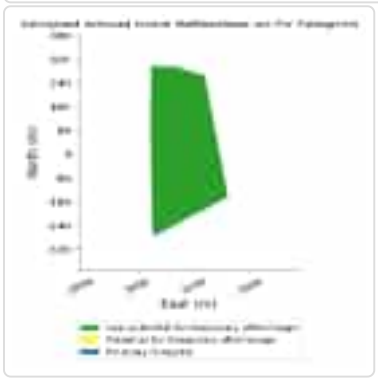
PV array is expected to produce the following glare for this receptor:

- 1,092 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





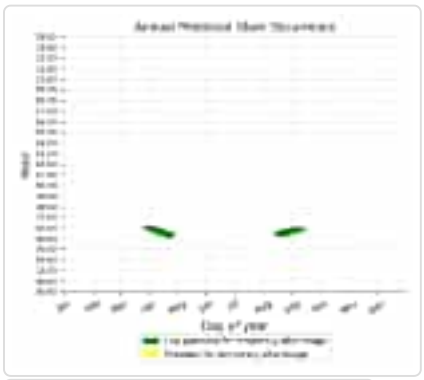


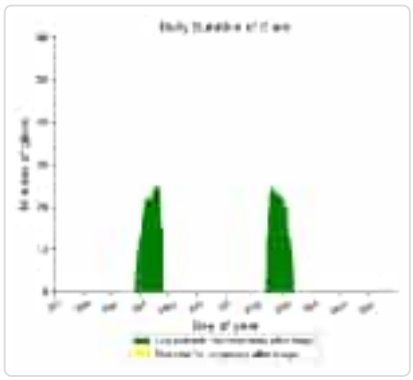


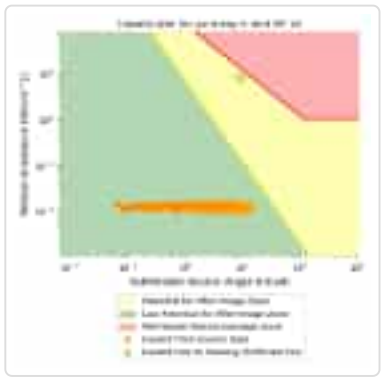
PV array 5: OP 10

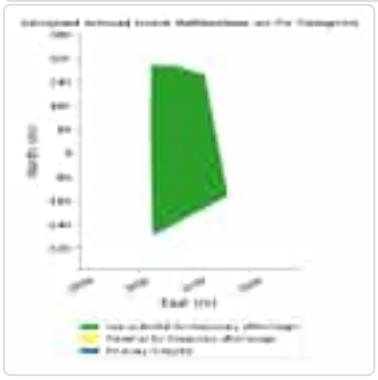
PV array is expected to produce the following glare for this receptor:

- 1,142 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





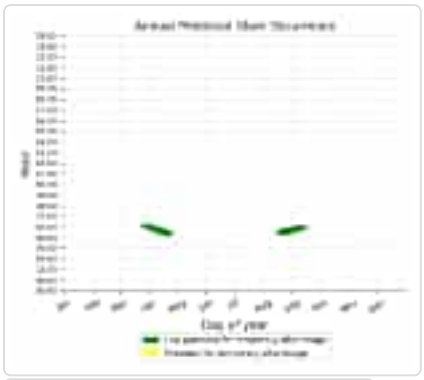


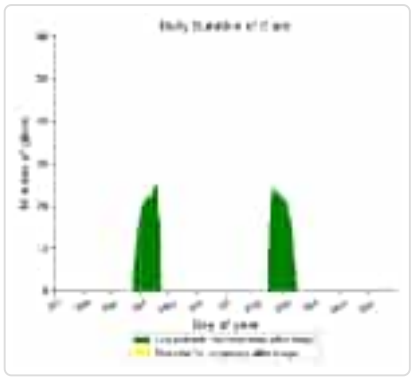


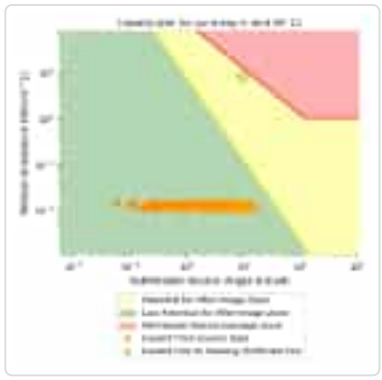
PV array 5: OP 11

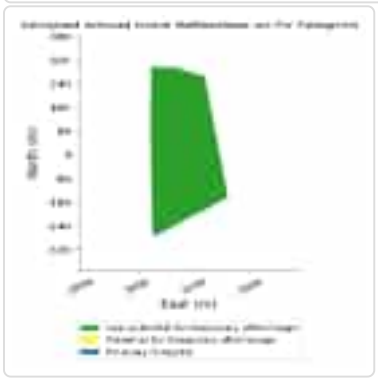
PV array is expected to produce the following glare for this receptor:

- 1,138 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





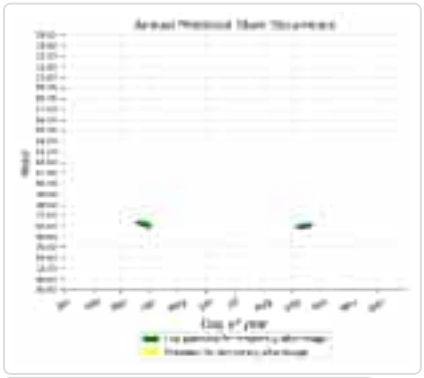


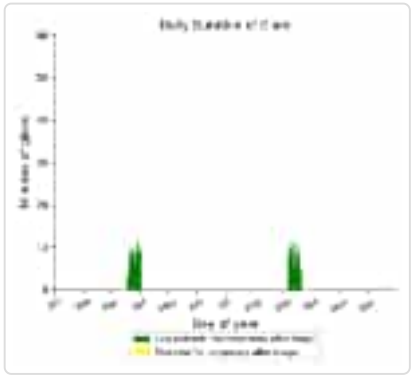


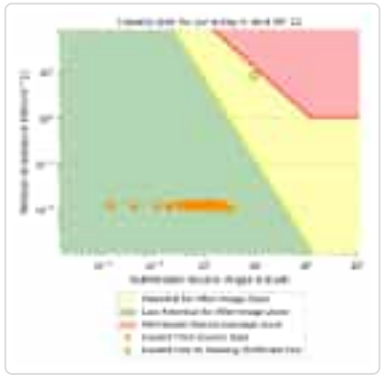
PV array 5: OP 12

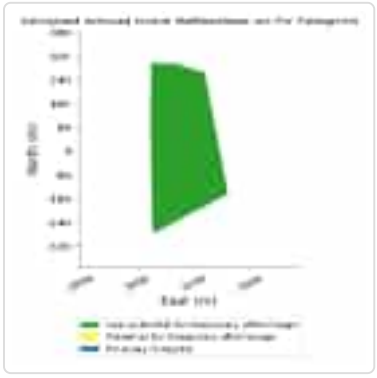
PV array is expected to produce the following glare for this receptor:

- 249 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





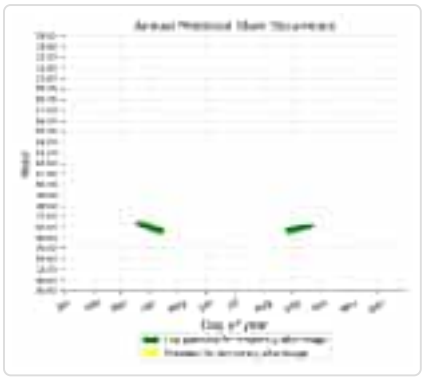


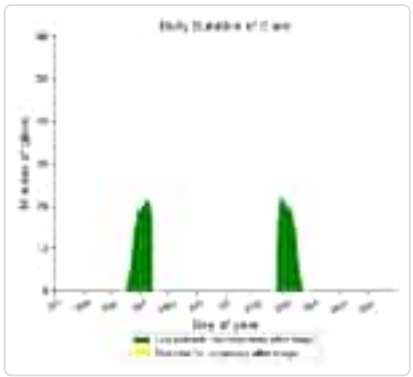


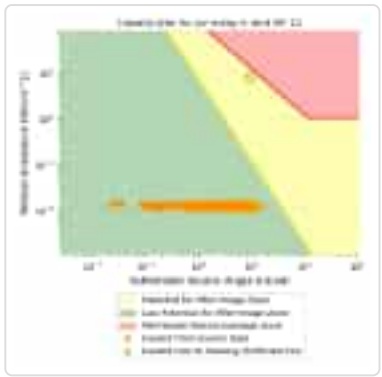
PV array 5: OP 13

PV array is expected to produce the following glare for this receptor:

- 874 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



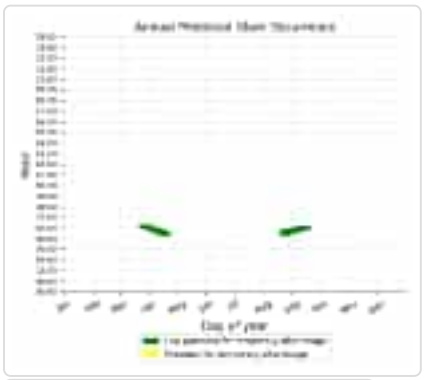


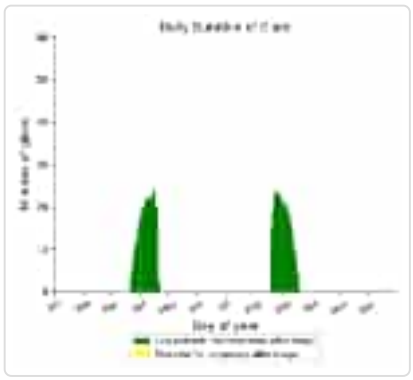


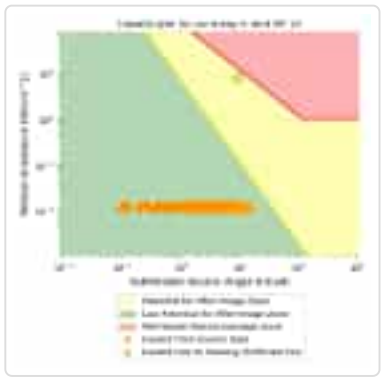
PV array 5: OP 14

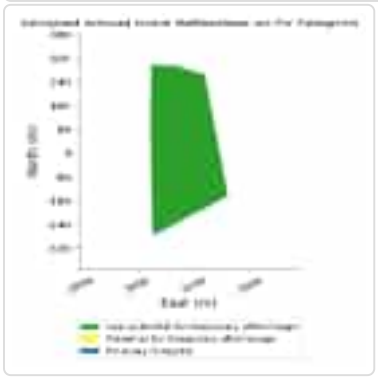
PV array is expected to produce the following glare for this receptor:

- 1,071 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





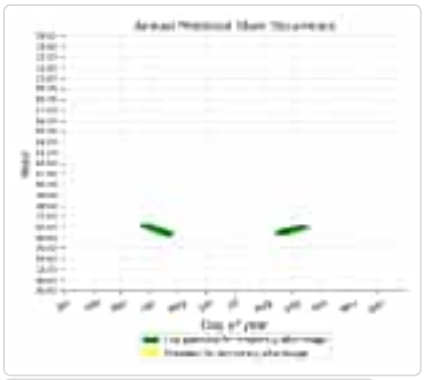


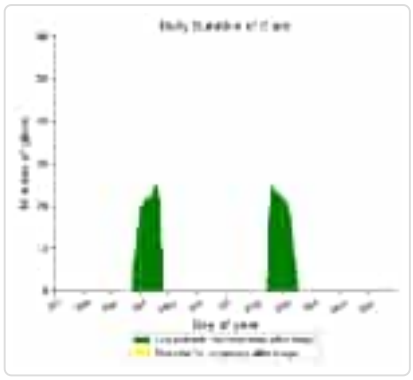


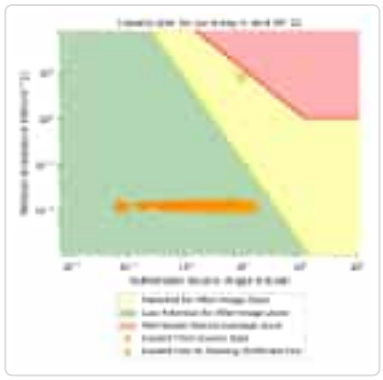
PV array 5: OP 15

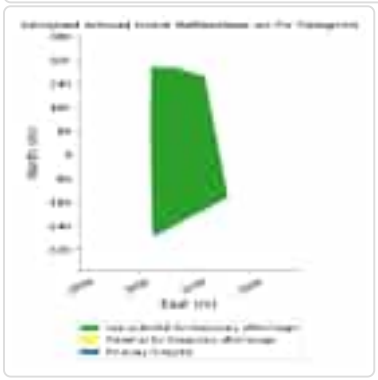
PV array is expected to produce the following glare for this receptor:

- 1,232 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





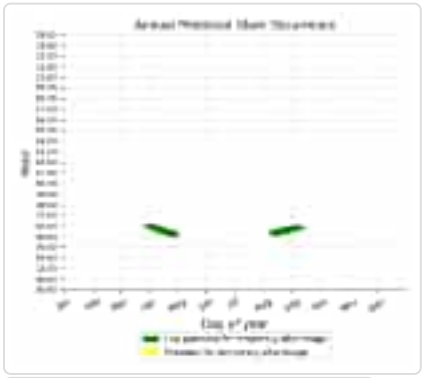


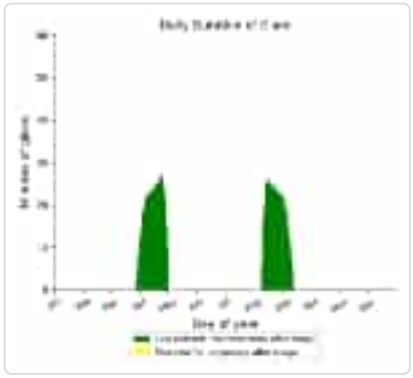


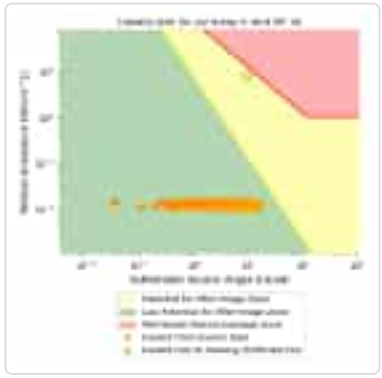
PV array 5: OP 16

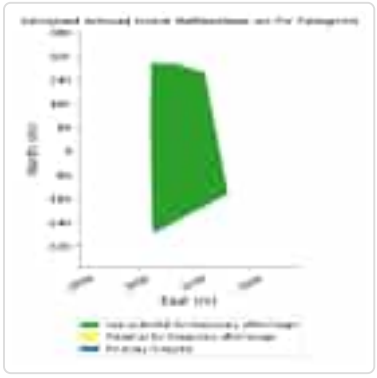
PV array is expected to produce the following glare for this receptor:

- 1,385 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





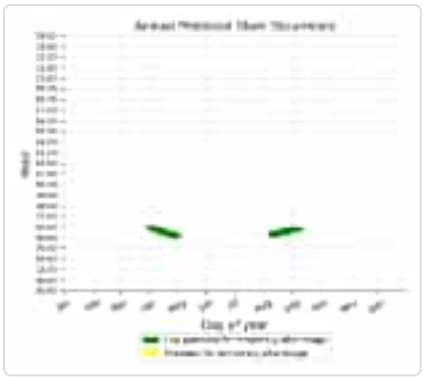


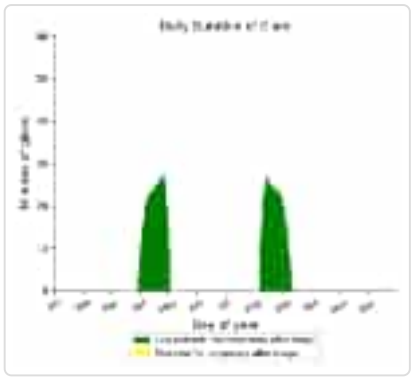


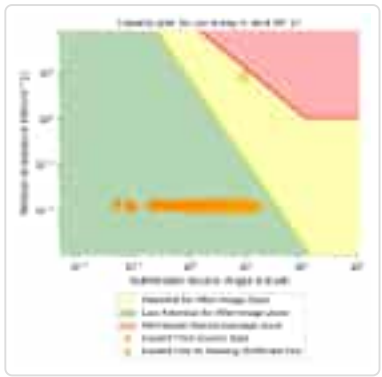
PV array 5: OP 17

PV array is expected to produce the following glare for this receptor:

- 1,414 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



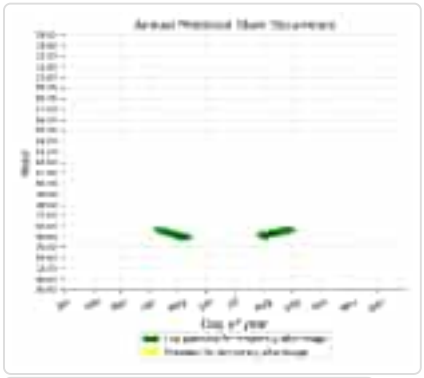


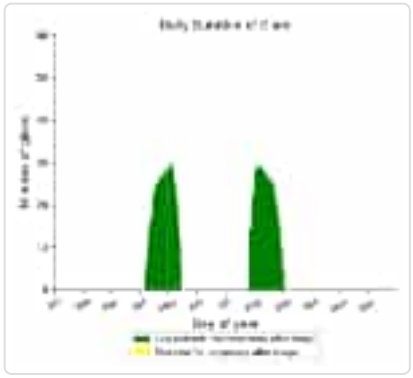


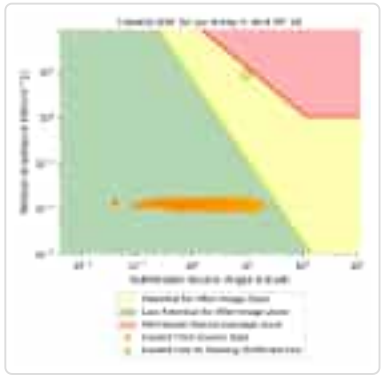
PV array 5: OP 18

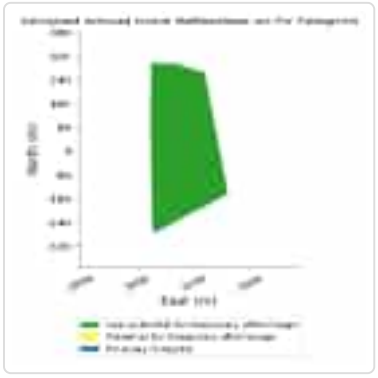
PV array is expected to produce the following glare for this receptor:

- 1,712 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





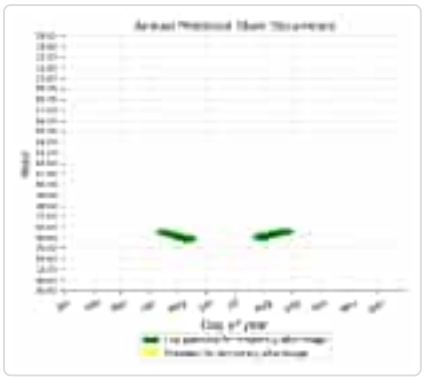


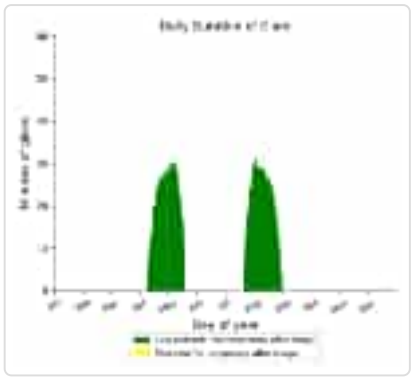


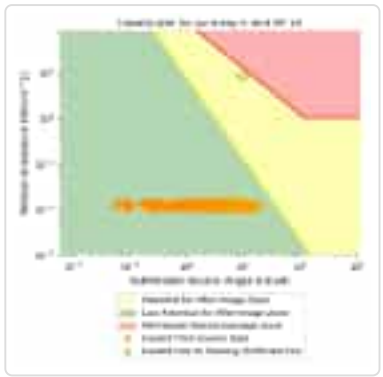
PV array 5: OP 19

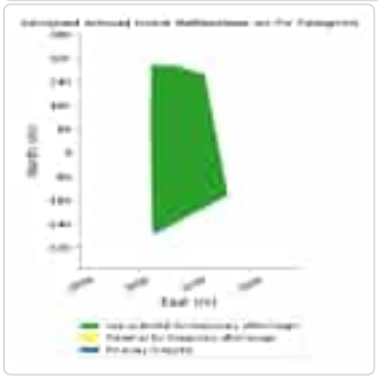
PV array is expected to produce the following glare for this receptor:

- 1,875 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





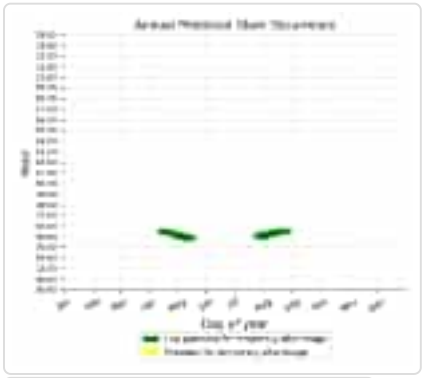


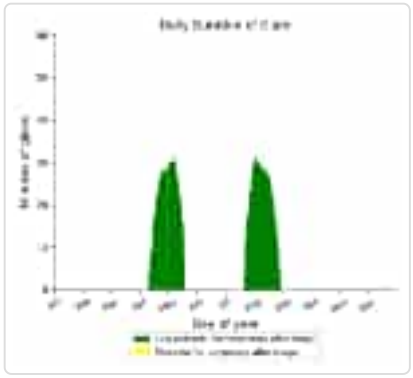


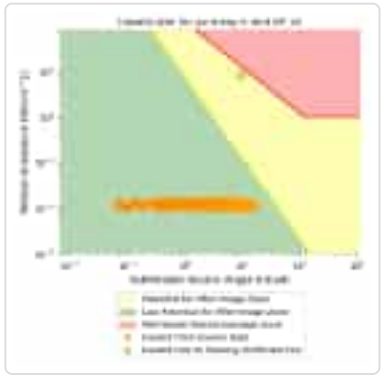
PV array 5: OP 20

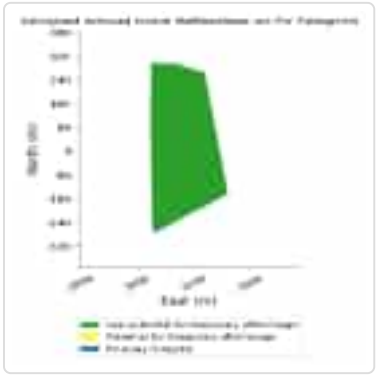
PV array is expected to produce the following glare for this receptor:

- 1,790 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





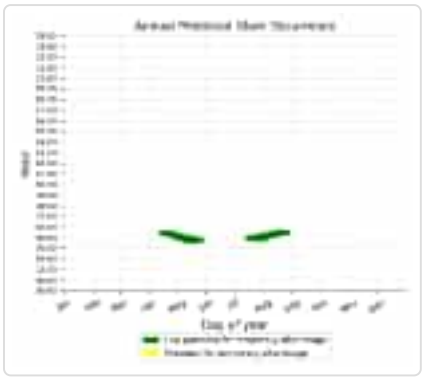


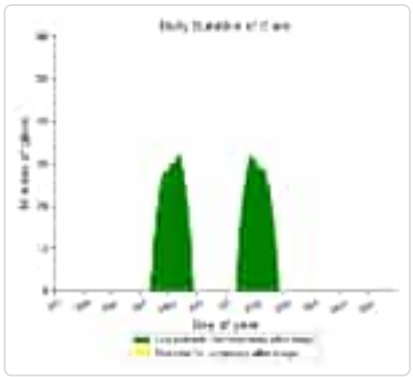


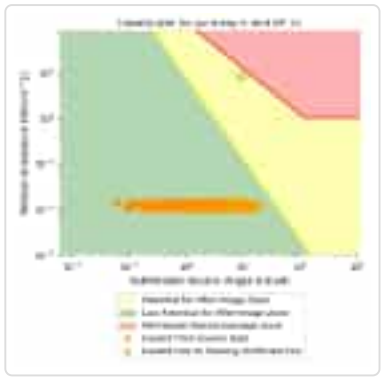
PV array 5: OP 21

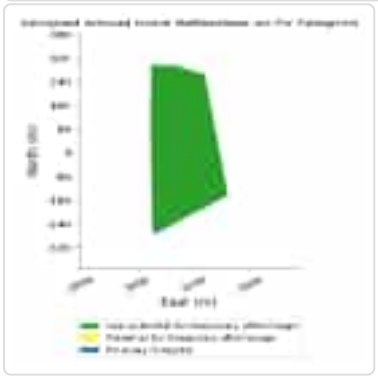
PV array is expected to produce the following glare for this receptor:

- 2,160 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





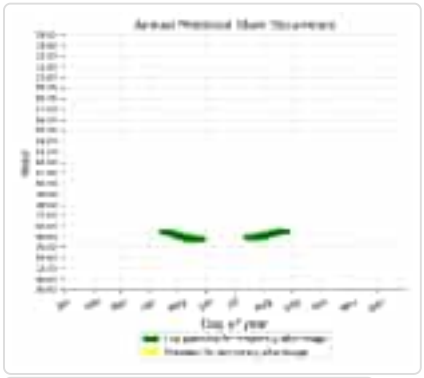


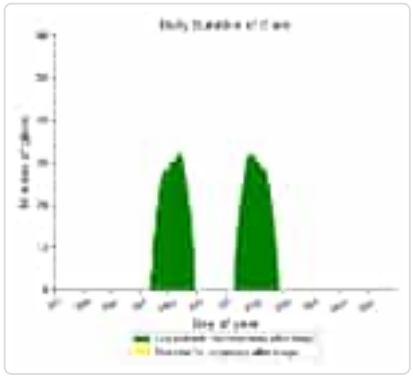


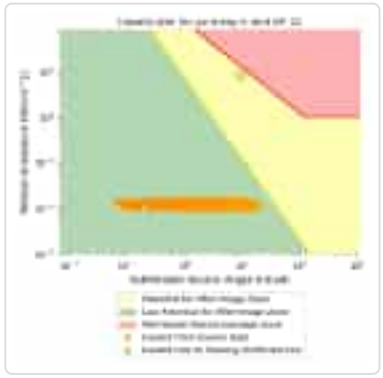
PV array 5: OP 22

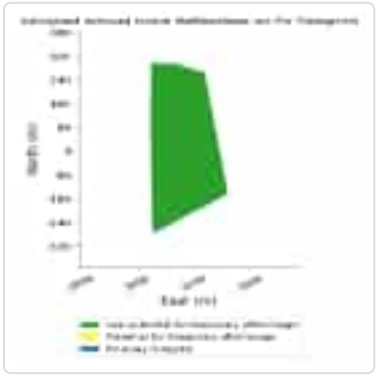
PV array is expected to produce the following glare for this receptor:

- 2,290 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





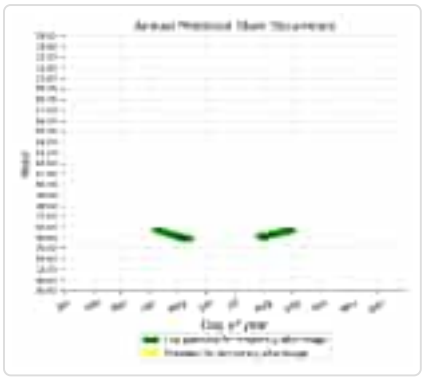


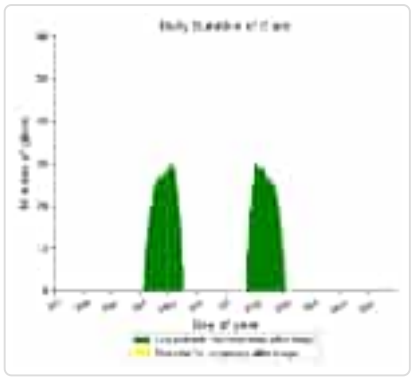


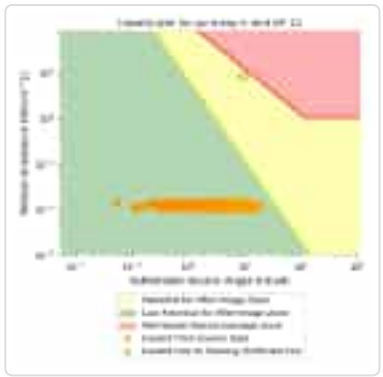
PV array 5: OP 23

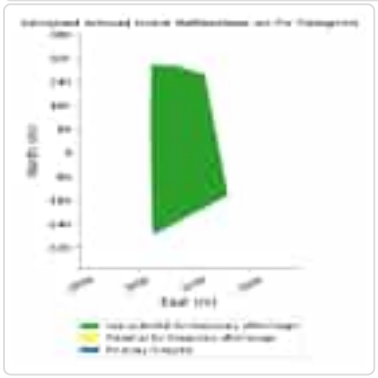
PV array is expected to produce the following glare for this receptor:

- 1,904 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





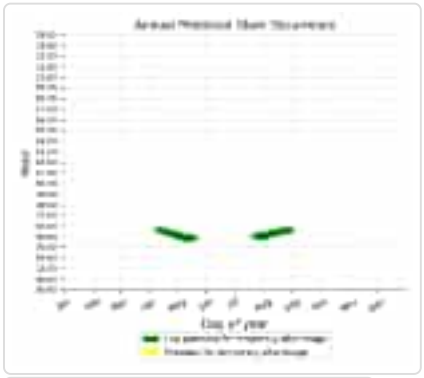


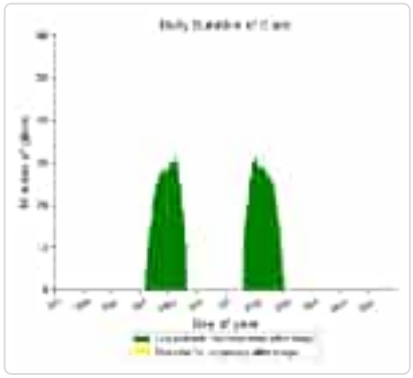


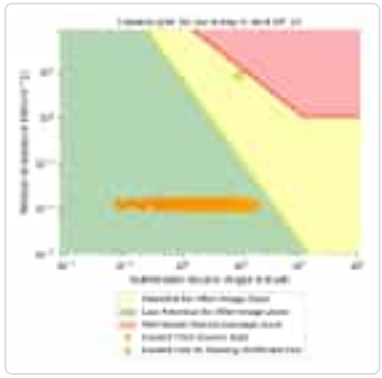
PV array 5: OP 24

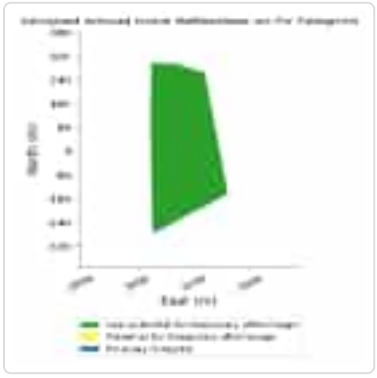
PV array is expected to produce the following glare for this receptor:

- 2,035 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





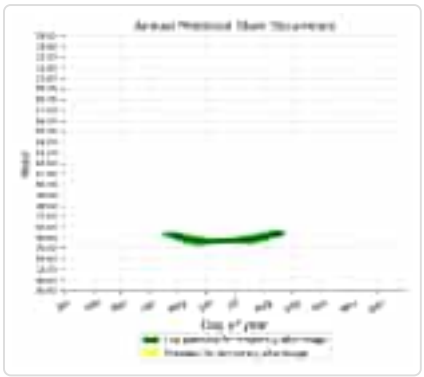


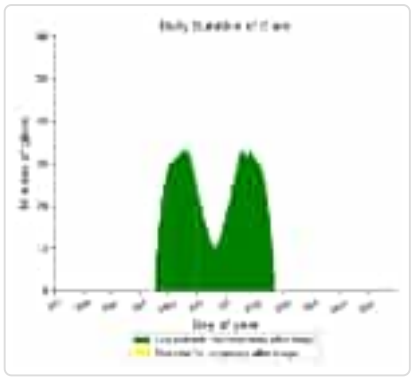


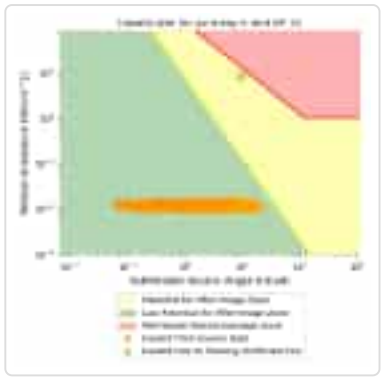
PV array 5: OP 25

PV array is expected to produce the following glare for this receptor:

- 3,064 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



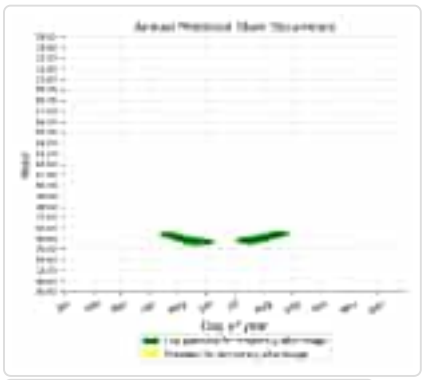


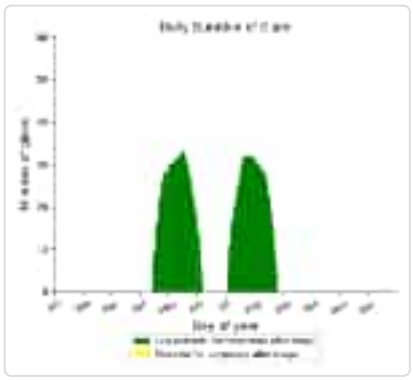


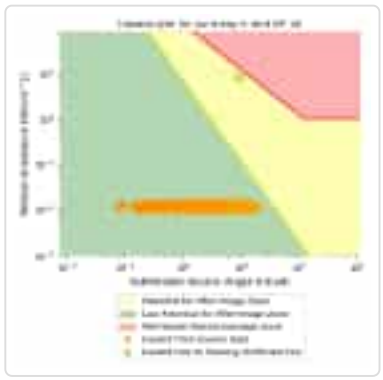
PV array 5: OP 26

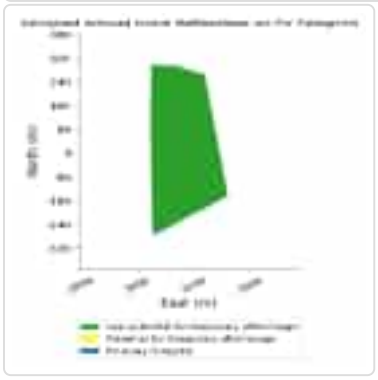
PV array is expected to produce the following glare for this receptor:

- 2,621 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





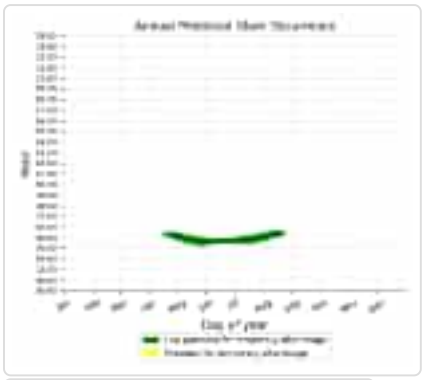


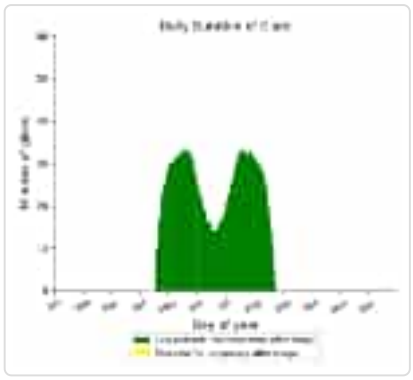


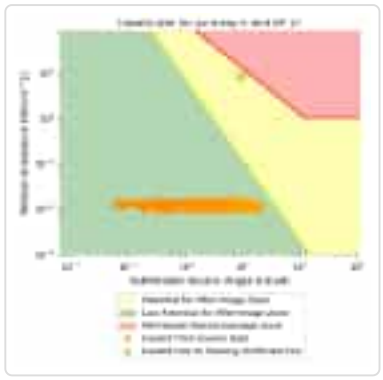
PV array 5: OP 27

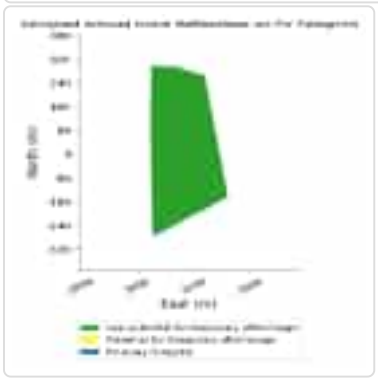
PV array is expected to produce the following glare for this receptor:

- 3,215 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





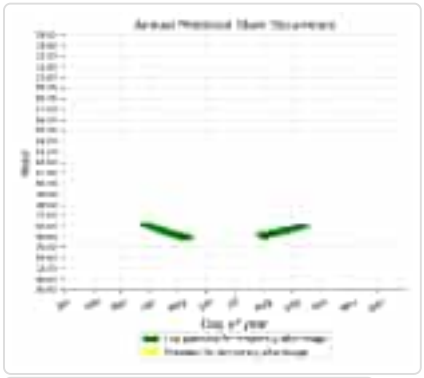


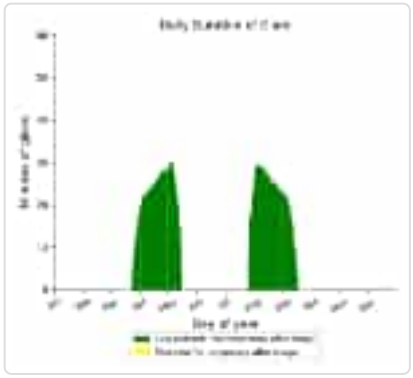


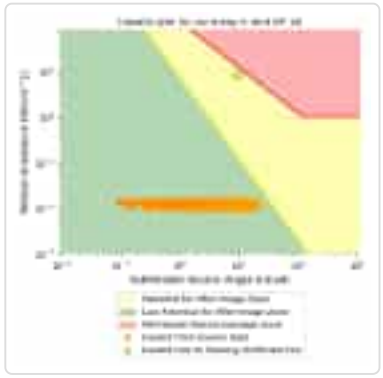
PV array 5: OP 28

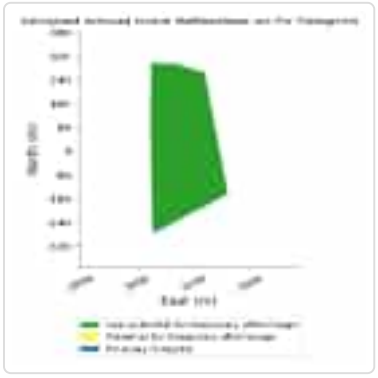
PV array is expected to produce the following glare for this receptor:

- 2,417 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





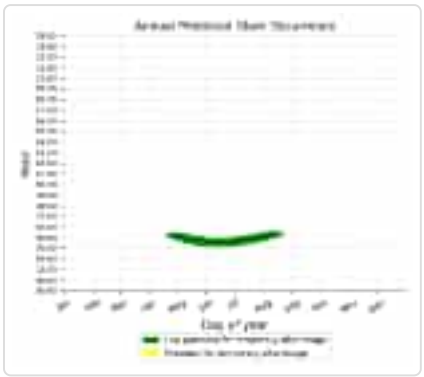


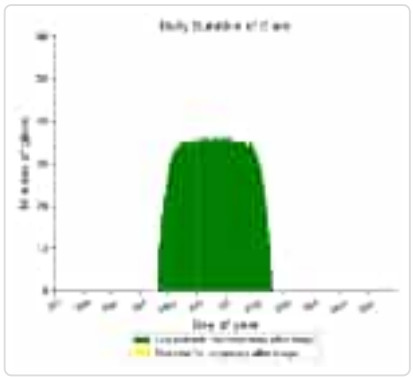


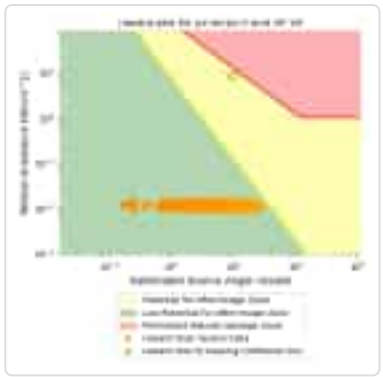
PV array 5: OP 29

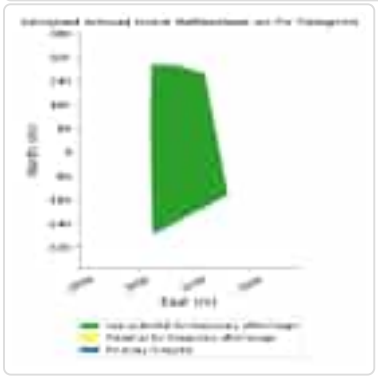
PV array is expected to produce the following glare for this receptor:

- 3,861 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





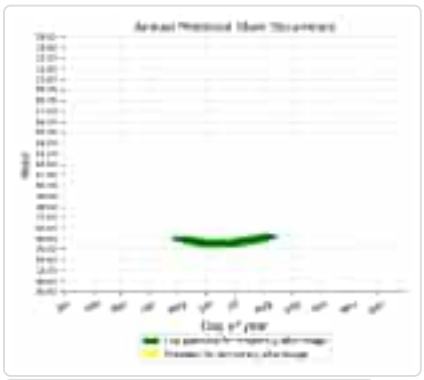


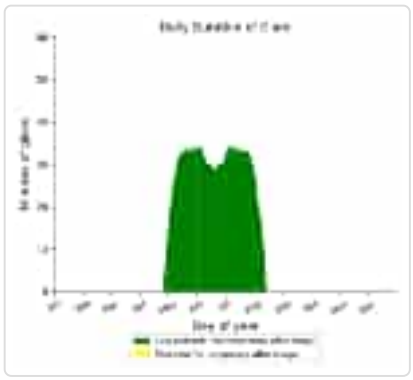


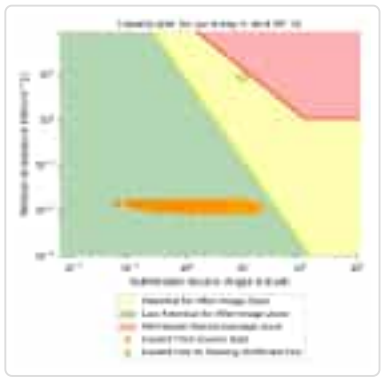
PV array 5: OP 30

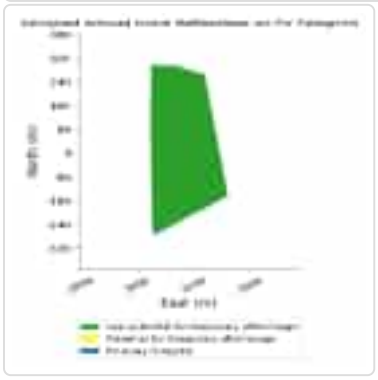
PV array is expected to produce the following glare for this receptor:

- 3,155 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





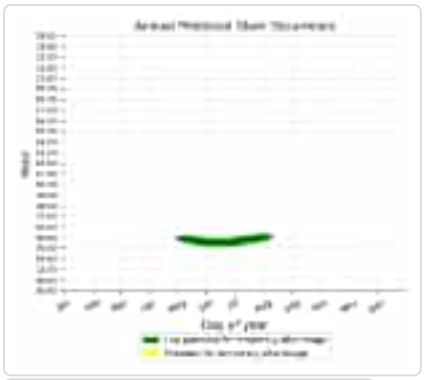


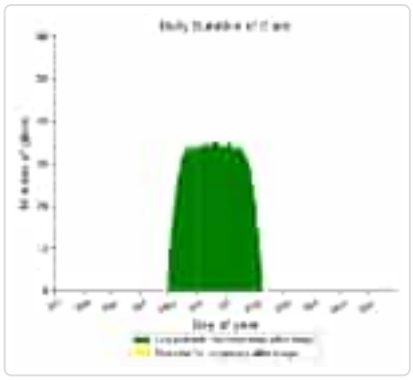


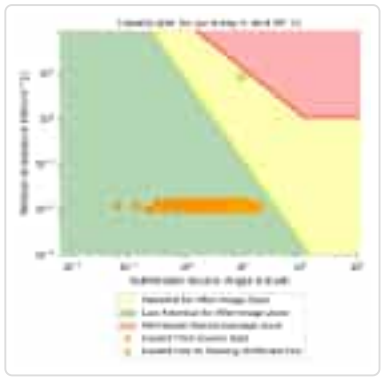
PV array 5: OP 31

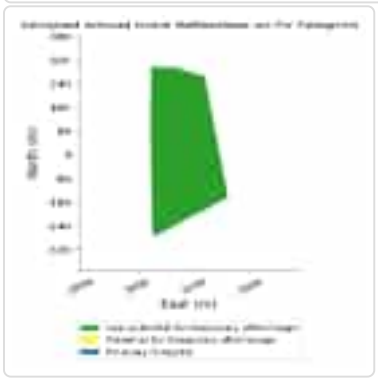
PV array is expected to produce the following glare for this receptor:

- 3,005 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





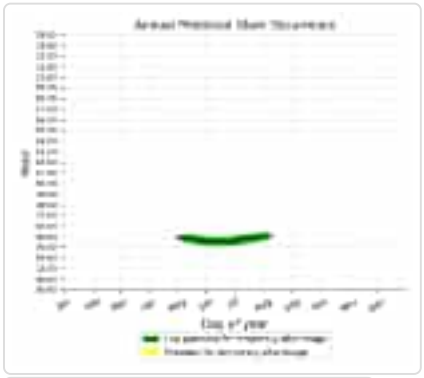


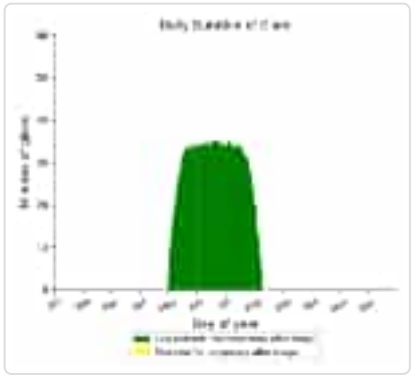


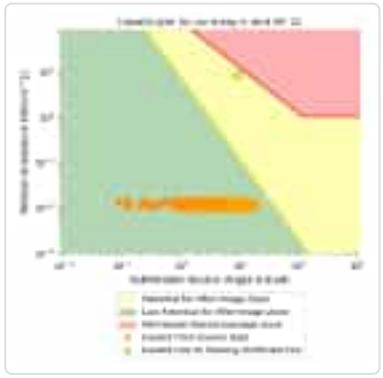
PV array 5: OP 32

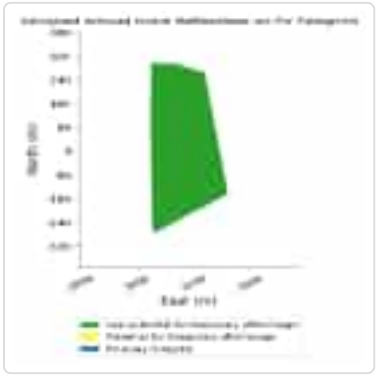
PV array is expected to produce the following glare for this receptor:

- 2,976 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





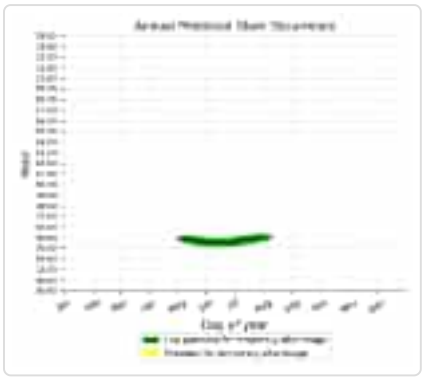


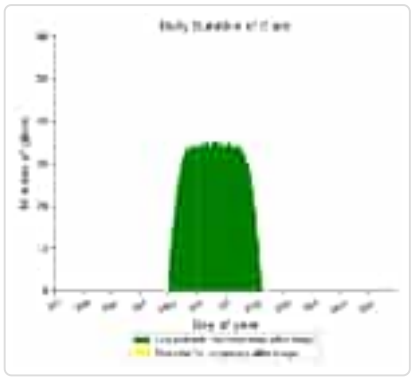


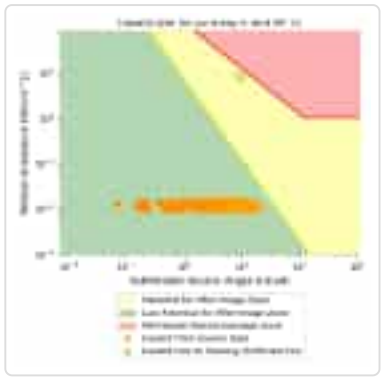
PV array 5: OP 33

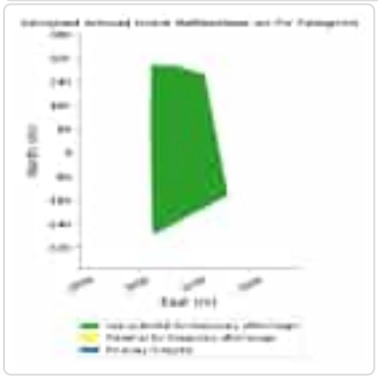
PV array is expected to produce the following glare for this receptor:

- 2,950 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





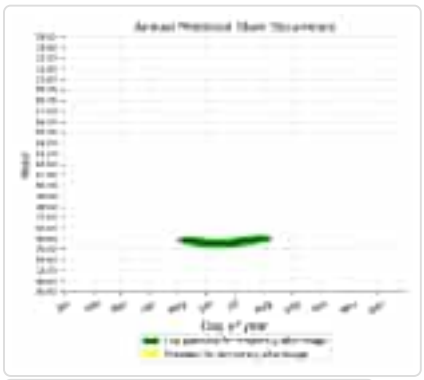


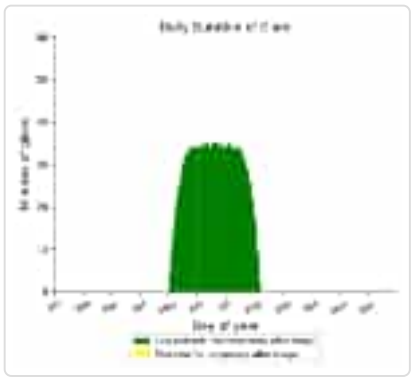


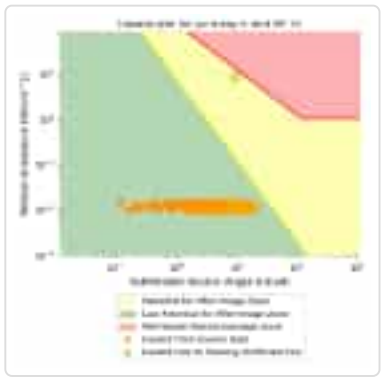
PV array 5: OP 34

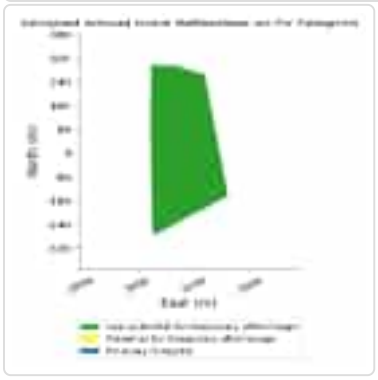
PV array is expected to produce the following glare for this receptor:

- 2,871 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





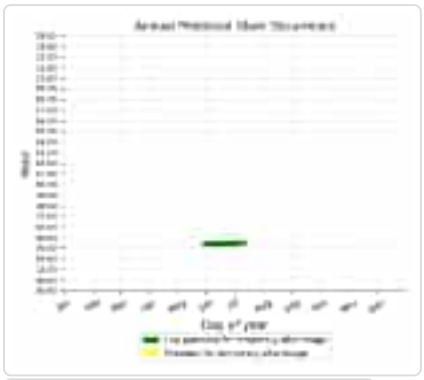


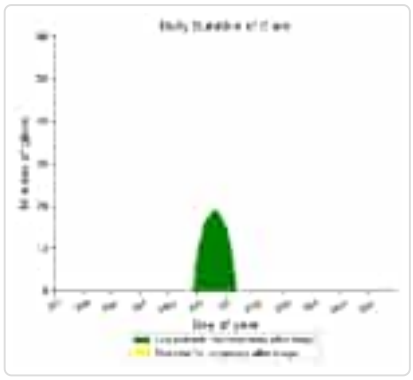


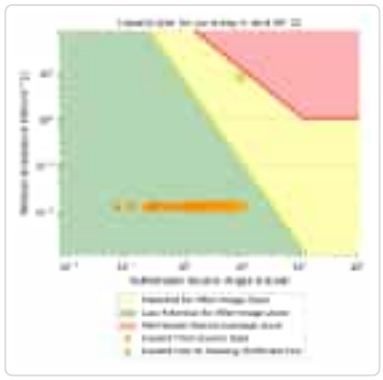
PV array 5: OP 35

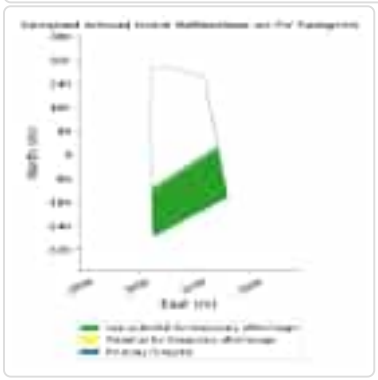
PV array is expected to produce the following glare for this receptor:

- 634 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





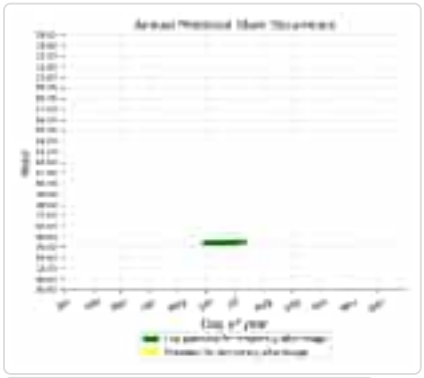


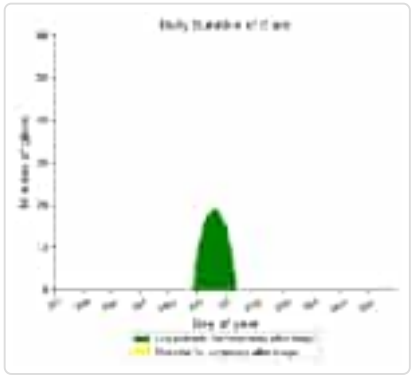


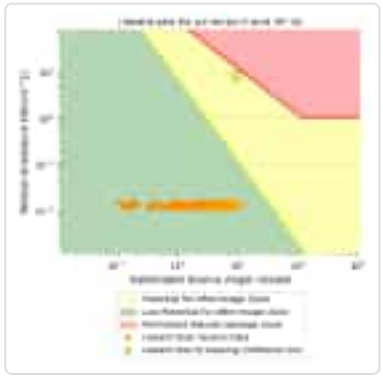
PV array 5: OP 36

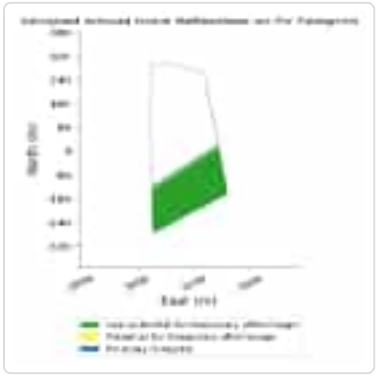
PV array is expected to produce the following glare for this receptor:

- 633 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





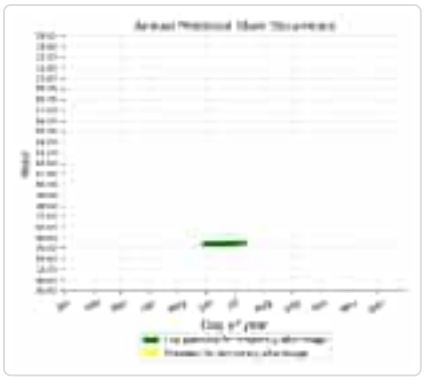


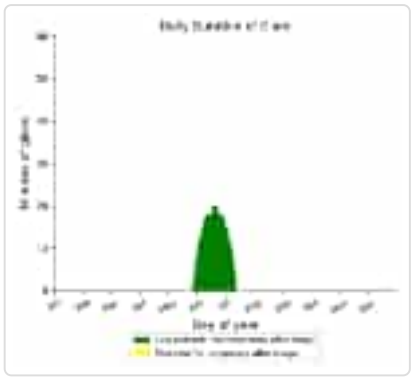


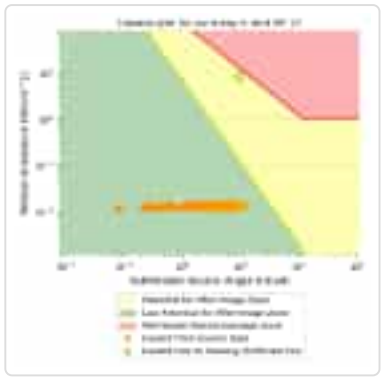
PV array 5: OP 37

PV array is expected to produce the following glare for this receptor:

- 666 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



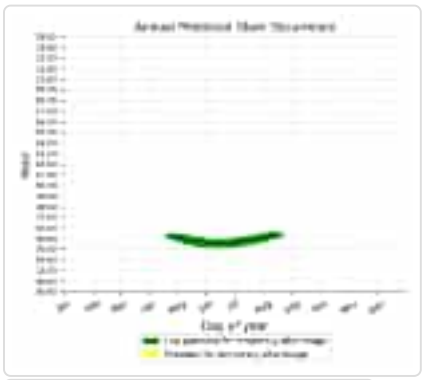


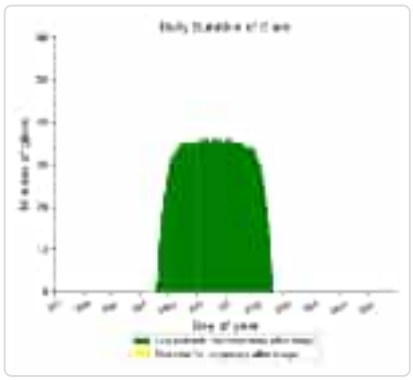


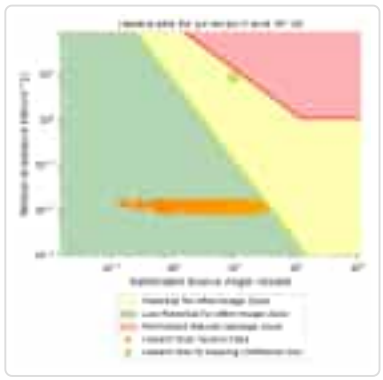
PV array 5: OP 38

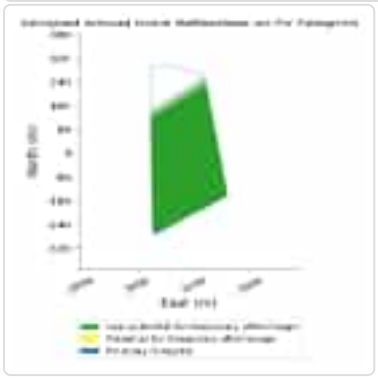
PV array is expected to produce the following glare for this receptor:

- 3,892 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





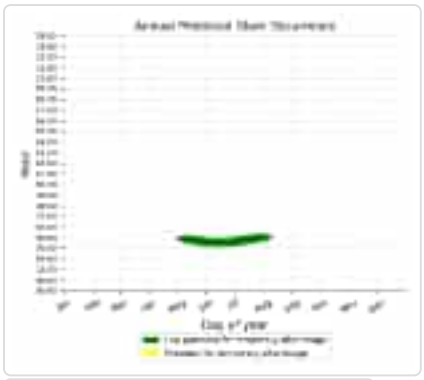


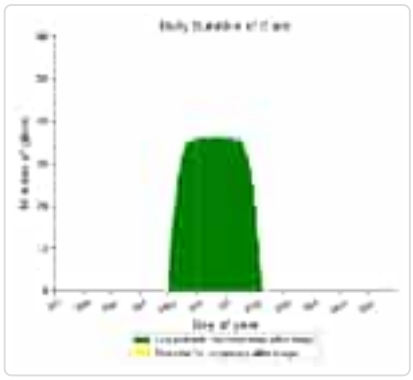


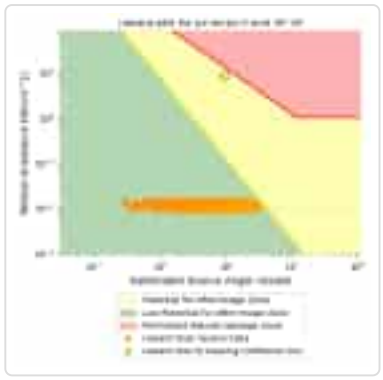
PV array 5: OP 39

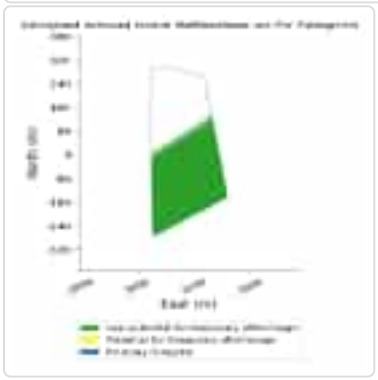
PV array is expected to produce the following glare for this receptor:

- 3,087 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





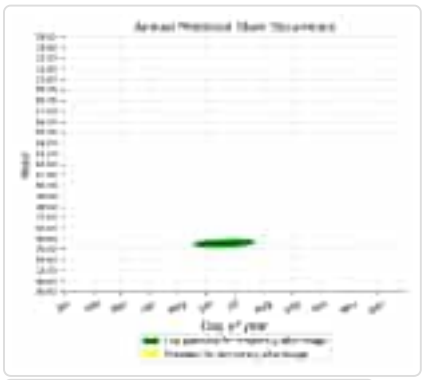
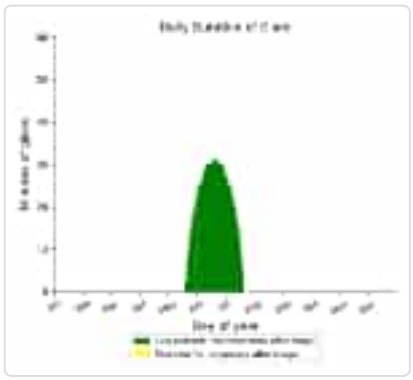
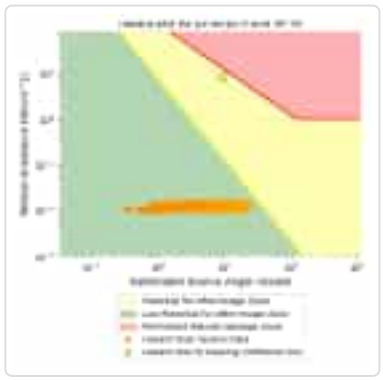
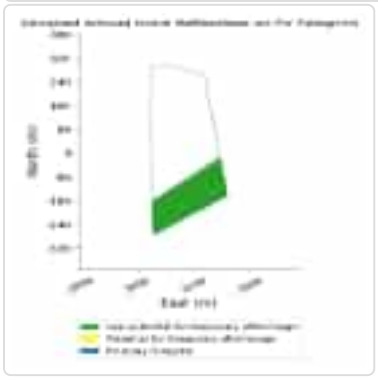




PV array 5: OP 40

PV array is expected to produce the following glare for this receptor:

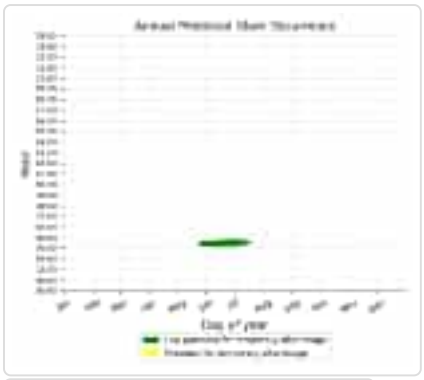
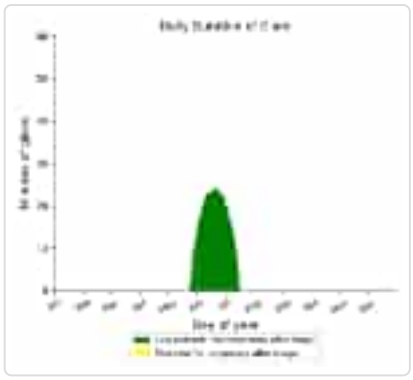
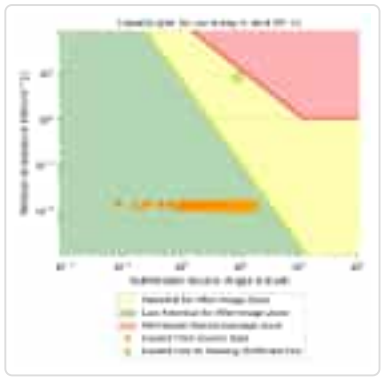
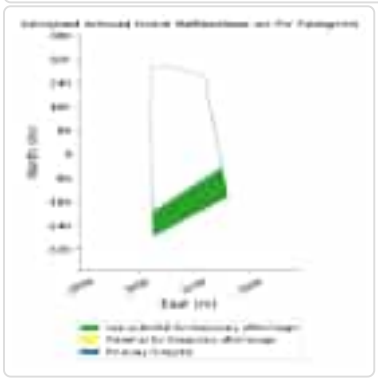
- 1,435 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 5: OP 41

PV array is expected to produce the following glare for this receptor:

- 939 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 5: OP 42

No glare found

PV array 5: OP 43

No glare found

PV array 5: OP 44

No glare found

PV array 5: OP 45

No glare found

PV array 5: OP 46

No glare found

PV array 5: OP 47

No glare found

PV array 5: OP 48

No glare found

PV array 5: OP 49

No glare found

PV array 5: OP 50

No glare found

PV array 5: OP 51

No glare found

PV array 5: OP 52

No glare found

PV array 5: OP 53

No glare found

PV array 5: OP 54

No glare found

PV array 5: OP 55

No glare found

PV array 5: OP 56

No glare found

PV array 5: OP 57

No glare found

PV array 5: OP 58

No glare found

PV array 5: OP 59

No glare found

PV array 5: OP 60

No glare found

PV array 5: OP 61

No glare found

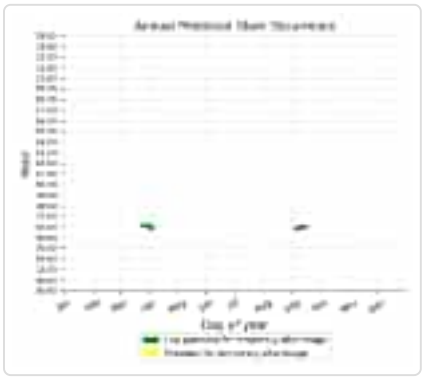
PV array 5: OP 62

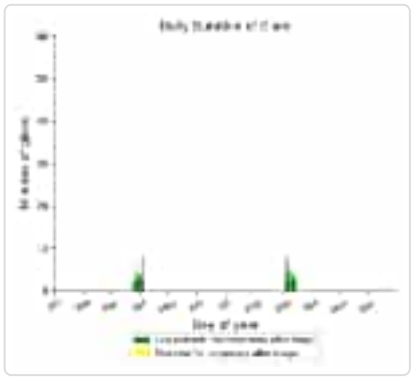
No glare found

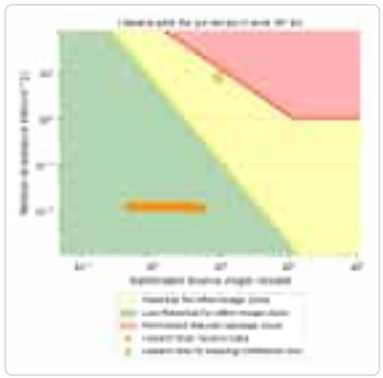
PV array 5: OP 63

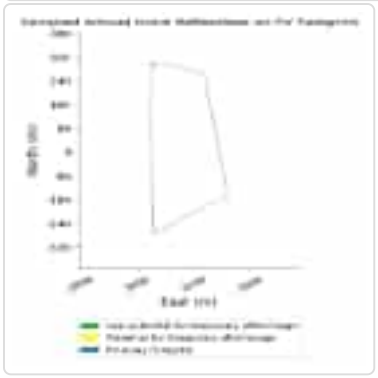
PV array is expected to produce the following glare for this receptor:

- 86 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 64

No glare found

PV array 5: OP 65

No glare found

PV array 5: OP 66

No glare found

PV array 5: OP 67

No glare found

PV array 5: OP 68

No glare found

PV array 5: OP 69

No glare found

PV array 5: OP 70

No glare found

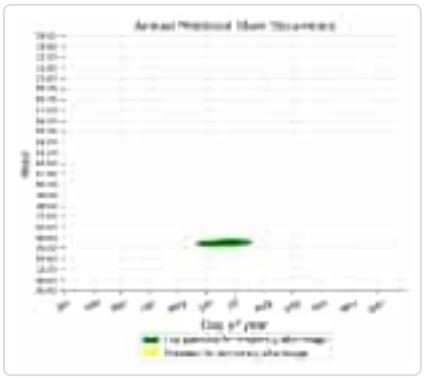
PV array 5: OP 71

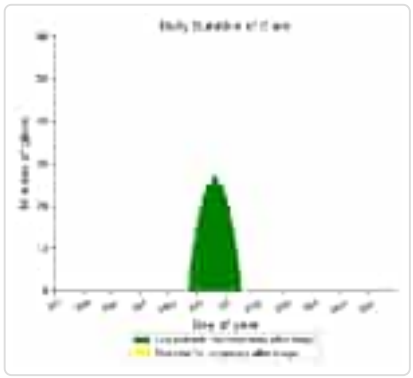
No glare found

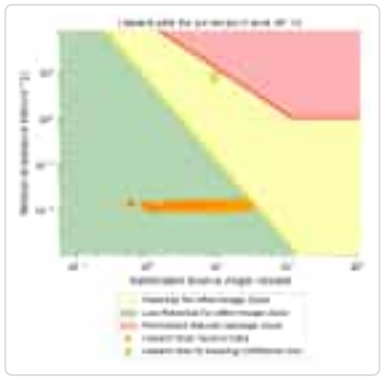
PV array 5: OP 72

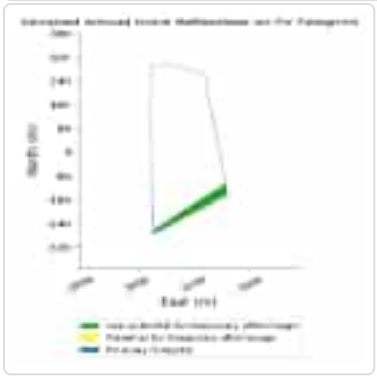
PV array is expected to produce the following glare for this receptor:

- 1,054 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 73

No glare found

PV array 5: OP 74

No glare found

PV array 5: OP 75

No glare found

PV array 5: OP 76

No glare found

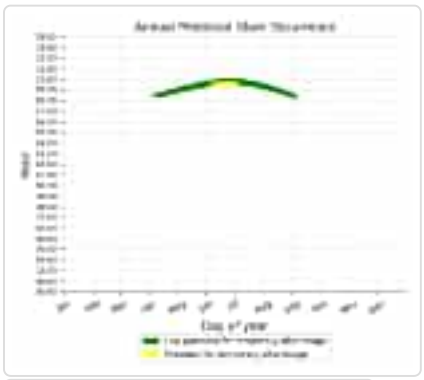
PV array 5: OP 77

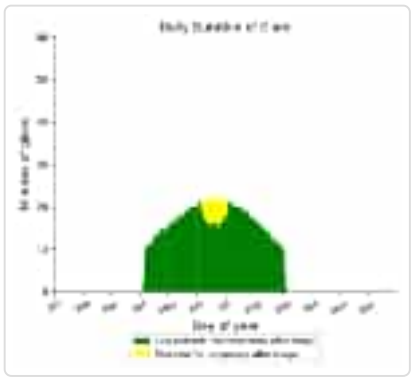
No glare found

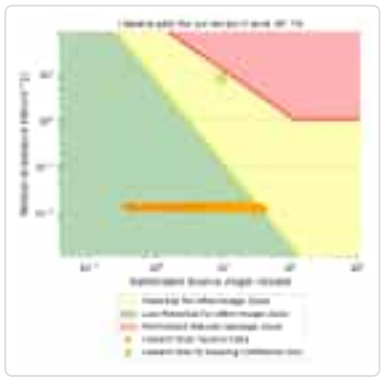
PV array 5: OP 78

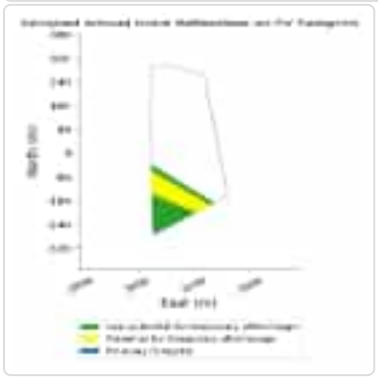
PV array is expected to produce the following glare for this receptor:

- 2,444 minutes of "green" glare with low potential to cause temporary after-image.
- 143 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 79

No glare found

PV array 5: OP 80

No glare found

PV array 6 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0

OP: OP 19	26	0
OP: OP 20	54	0
OP: OP 21	77	0
OP: OP 22	75	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	119	0
OP: OP 26	46	0
OP: OP 27	109	0
OP: OP 28	0	0
OP: OP 29	19	0
OP: OP 30	348	0
OP: OP 31	337	0
OP: OP 32	375	0
OP: OP 33	454	0
OP: OP 34	486	0
OP: OP 35	1745	0
OP: OP 36	1720	0
OP: OP 37	1747	0
OP: OP 38	0	0
OP: OP 39	53	0
OP: OP 40	0	0
OP: OP 41	1668	136
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0

OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	21	0
OP: OP 77	418	0
OP: OP 78	0	0
OP: OP 79	87	0
OP: OP 80	476	0

PV array 6: OP 1

No glare found

PV array 6: OP 2

No glare found

PV array 6: OP 3

No glare found

PV array 6: OP 4

No glare found

PV array 6: OP 5

No glare found

PV array 6: OP 6

No glare found

PV array 6: OP 7

No glare found

PV array 6: OP 8

No glare found

PV array 6: OP 9

No glare found

PV array 6: OP 10

No glare found

PV array 6: OP 11

No glare found

PV array 6: OP 12

No glare found

PV array 6: OP 13

No glare found

PV array 6: OP 14

No glare found

PV array 6: OP 15

No glare found

PV array 6: OP 16

No glare found

PV array 6: OP 17

No glare found

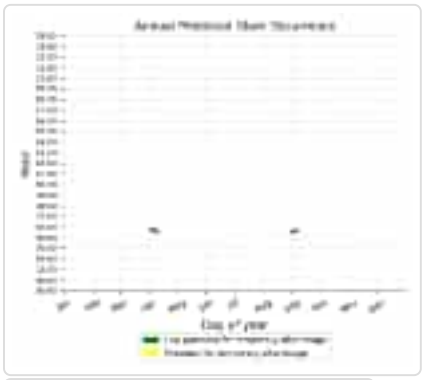
PV array 6: OP 18

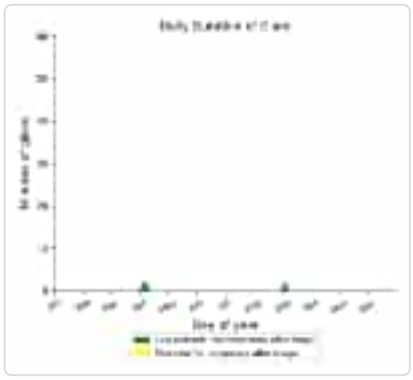
No glare found

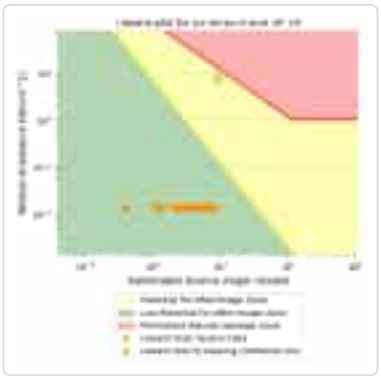
PV array 6: OP 19

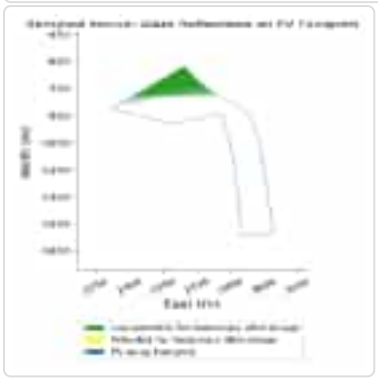
PV array is expected to produce the following glare for this receptor:

- 26 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





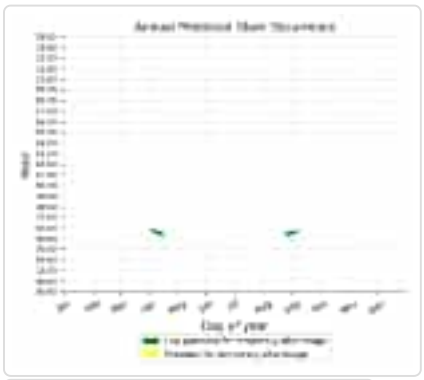


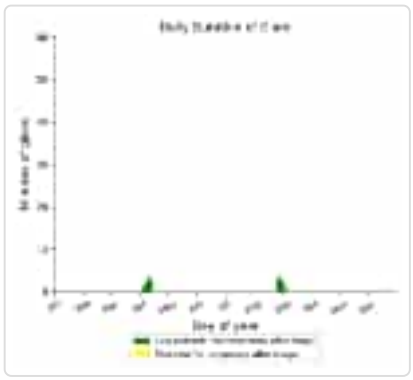


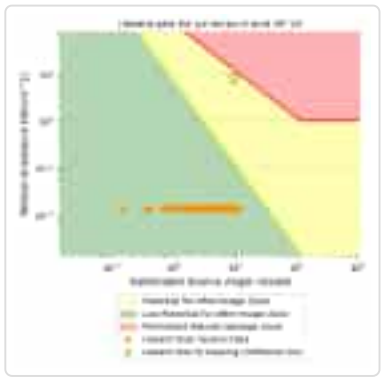
PV array 6: OP 20

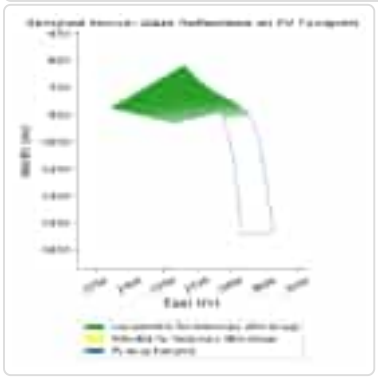
PV array is expected to produce the following glare for this receptor:

- 54 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





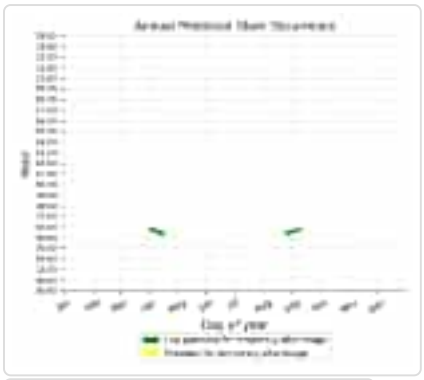


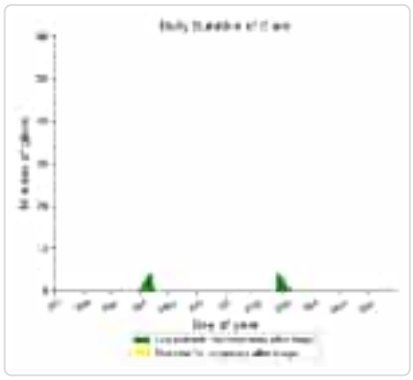


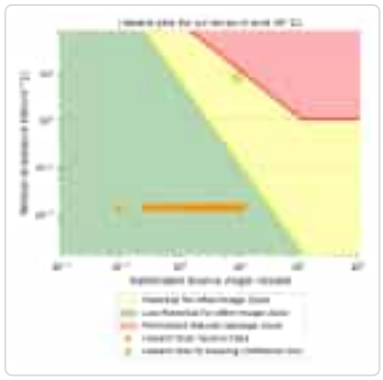
PV array 6: OP 21

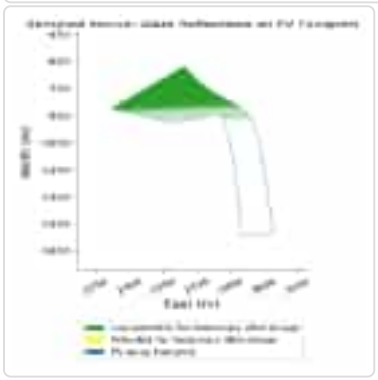
PV array is expected to produce the following glare for this receptor:

- 77 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





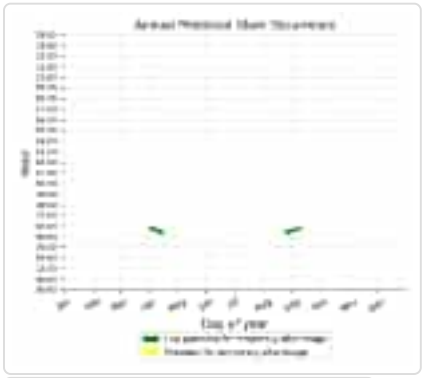


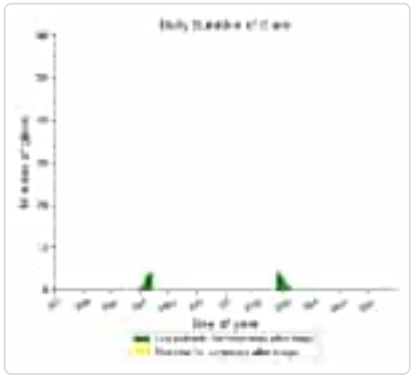


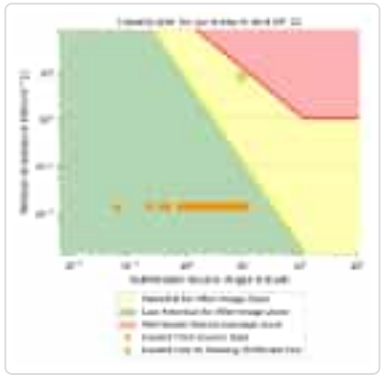
PV array 6: OP 22

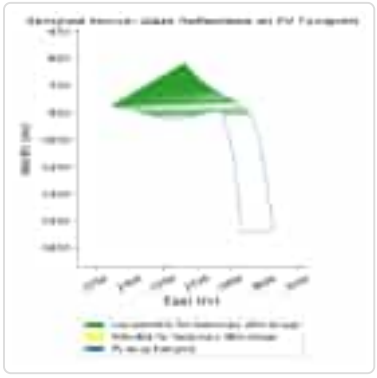
PV array is expected to produce the following glare for this receptor:

- 75 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 23

No glare found

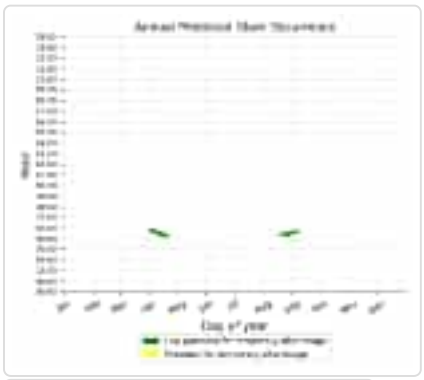
PV array 6: OP 24

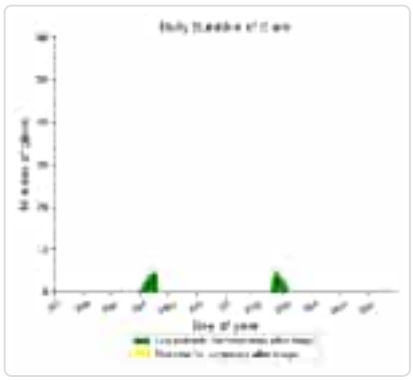
No glare found

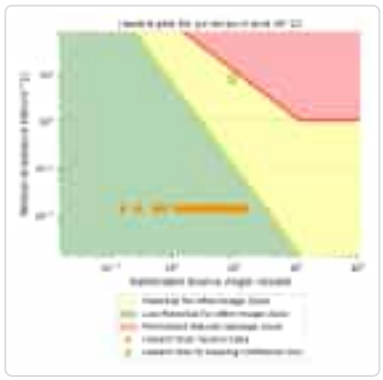
PV array 6: OP 25

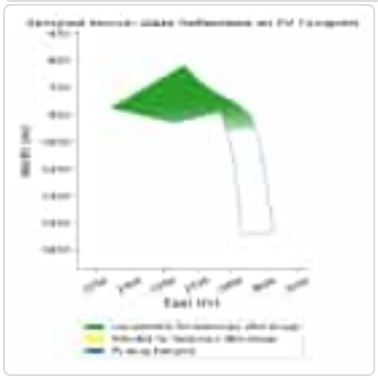
PV array is expected to produce the following glare for this receptor:

- 119 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





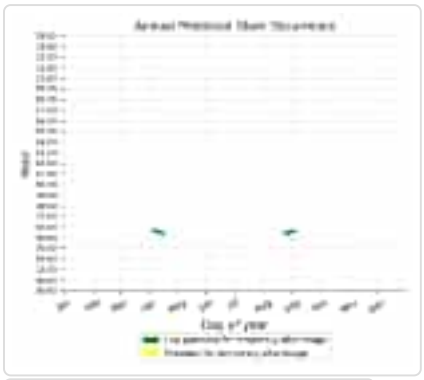


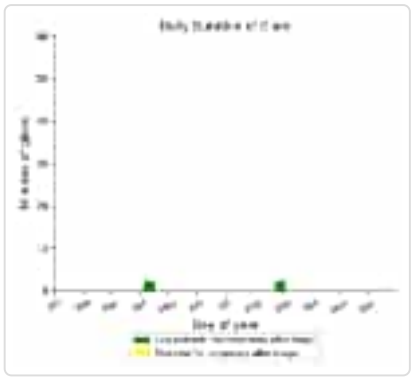


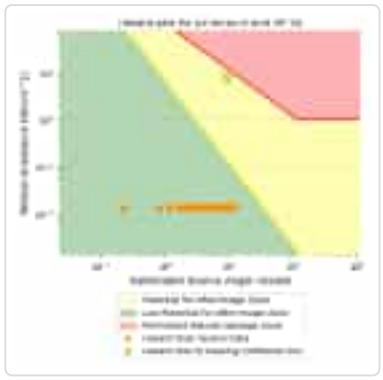
PV array 6: OP 26

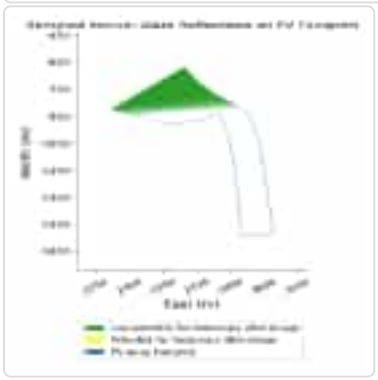
PV array is expected to produce the following glare for this receptor:

- 46 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





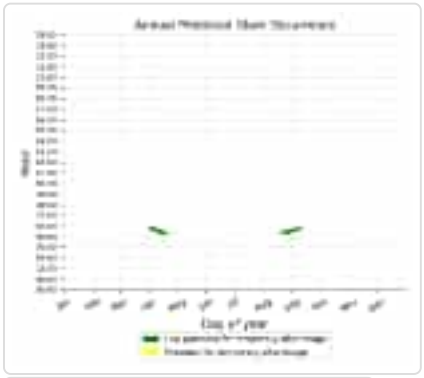


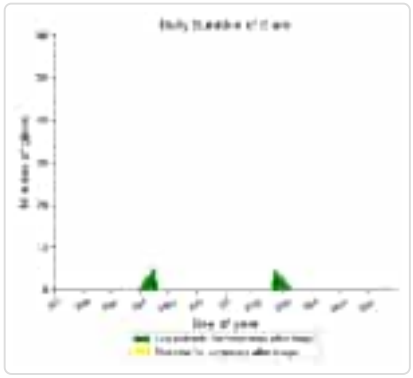


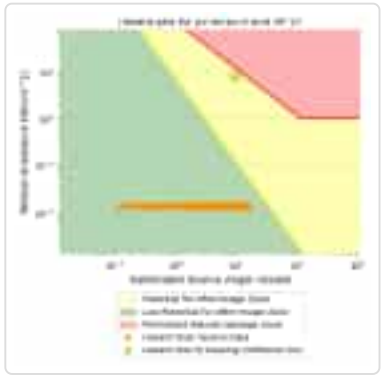
PV array 6: OP 27

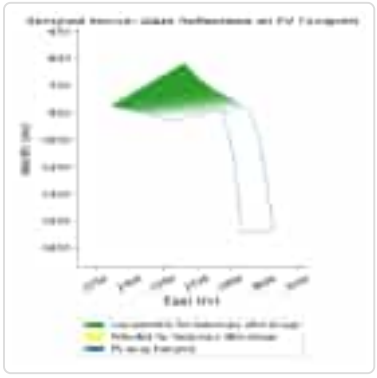
PV array is expected to produce the following glare for this receptor:

- 109 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









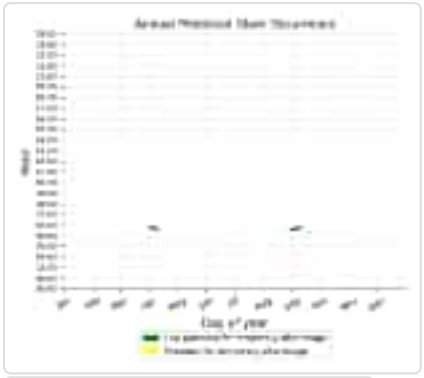
PV array 6: OP 28

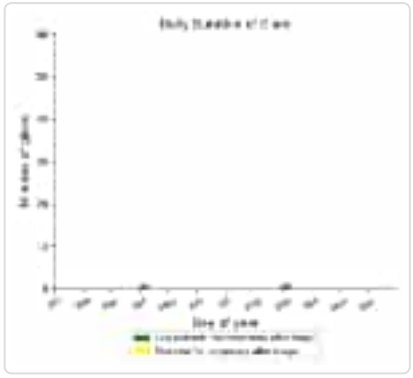
No glare found

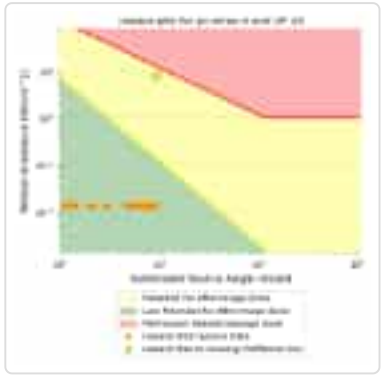
PV array 6: OP 29

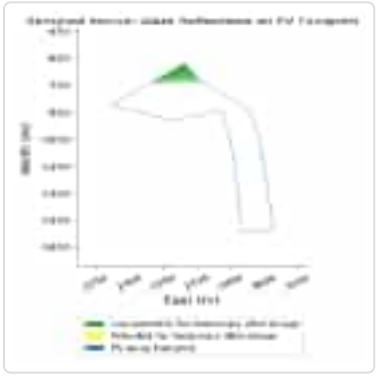
PV array is expected to produce the following glare for this receptor:

- 19 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





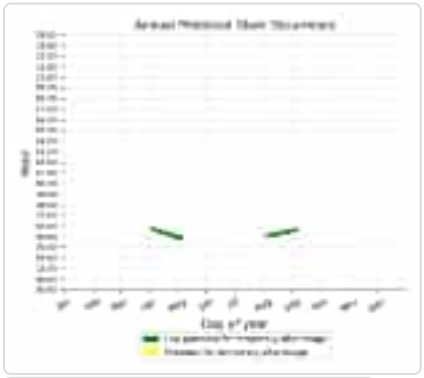


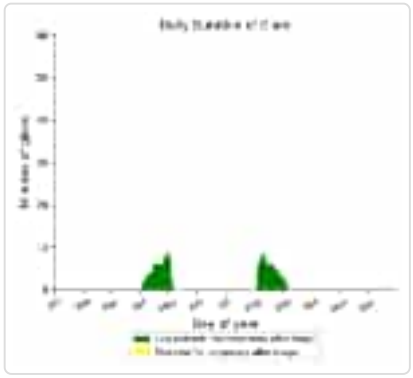


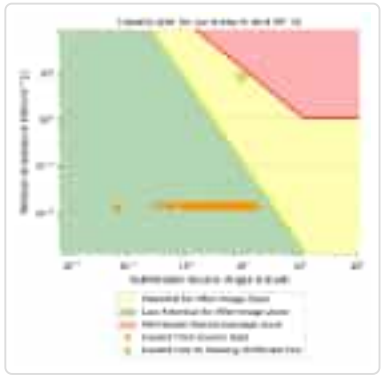
PV array 6: OP 30

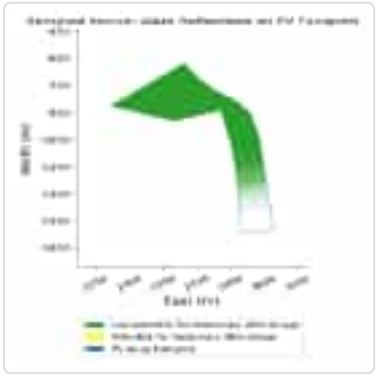
PV array is expected to produce the following glare for this receptor:

- 348 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





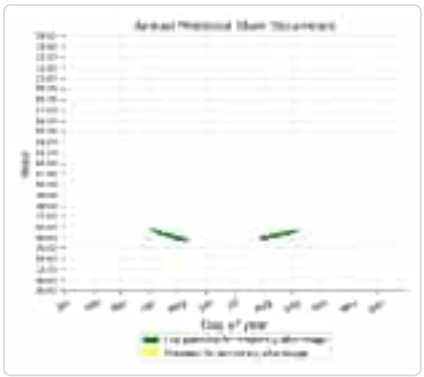


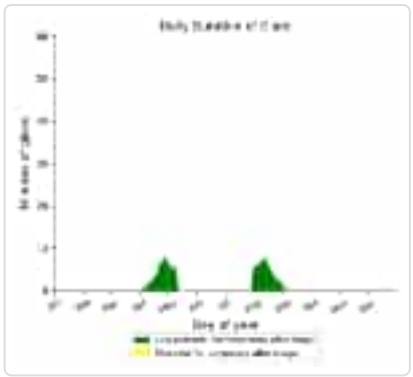


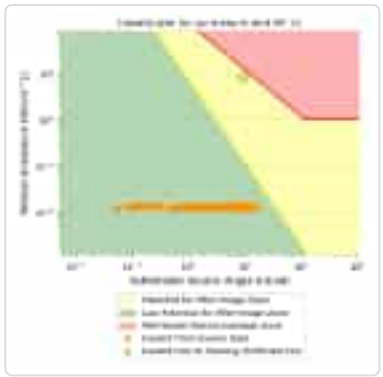
PV array 6: OP 31

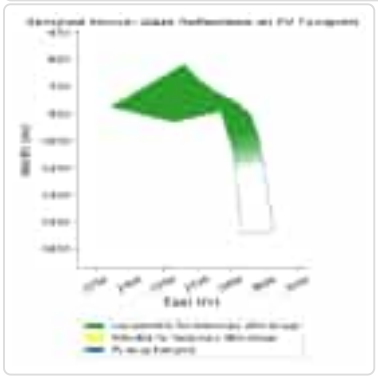
PV array is expected to produce the following glare for this receptor:

- 337 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





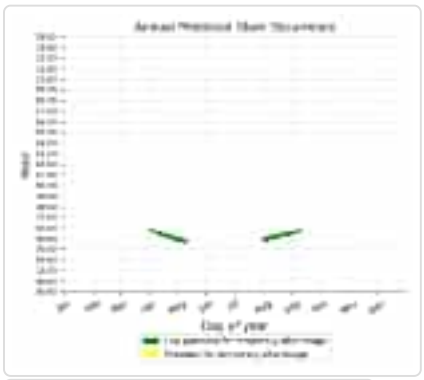


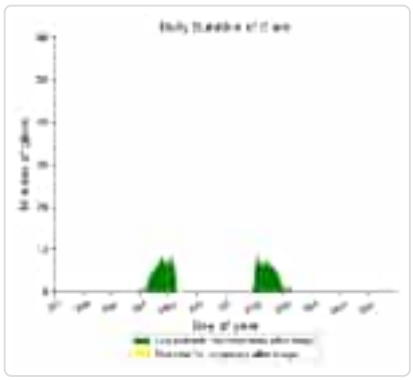


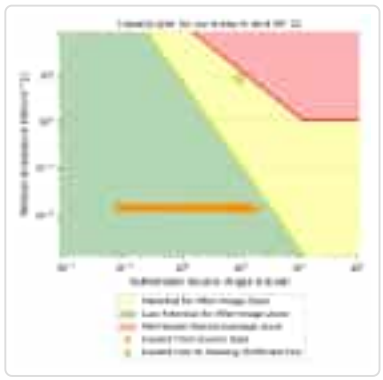
PV array 6: OP 32

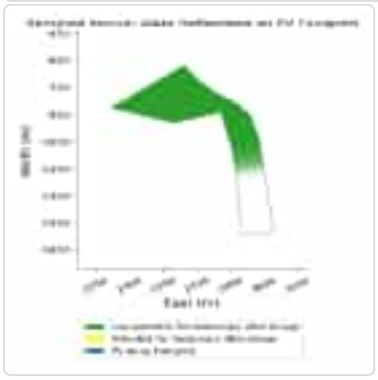
PV array is expected to produce the following glare for this receptor:

- 375 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





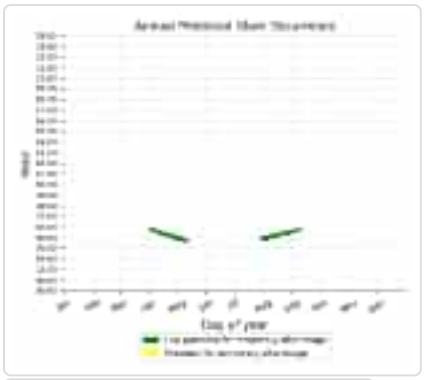


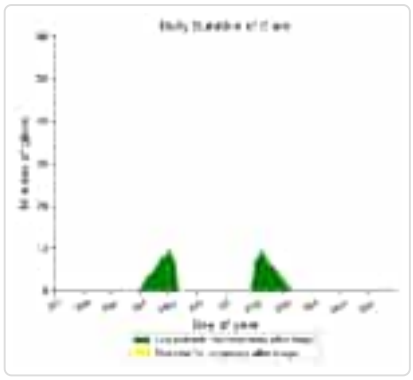


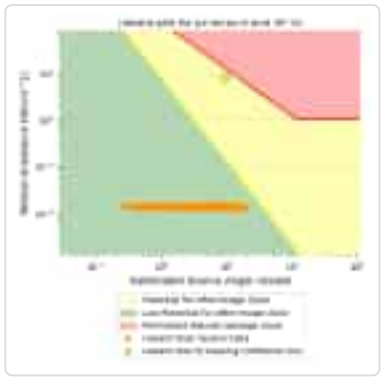
PV array 6: OP 33

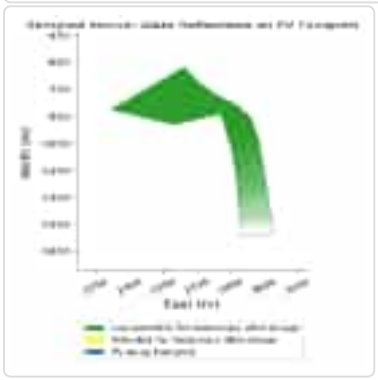
PV array is expected to produce the following glare for this receptor:

- 454 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





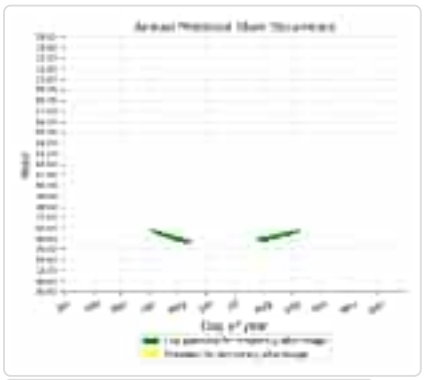


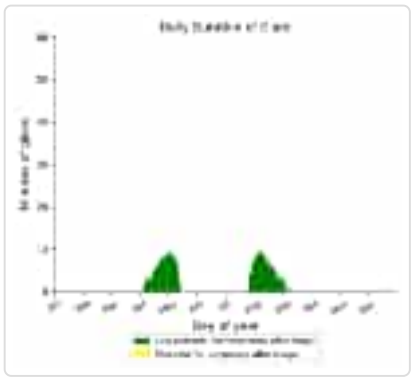


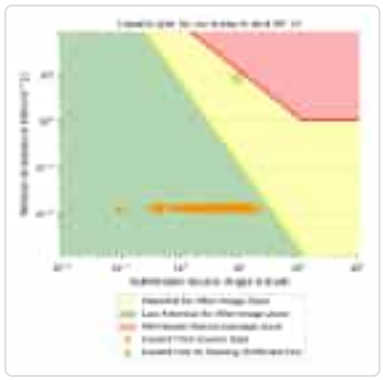
PV array 6: OP 34

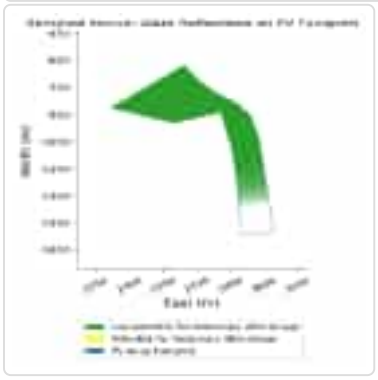
PV array is expected to produce the following glare for this receptor:

- 486 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





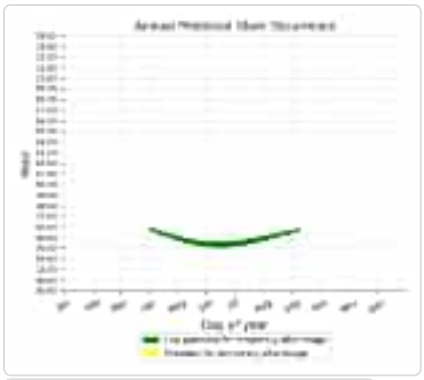


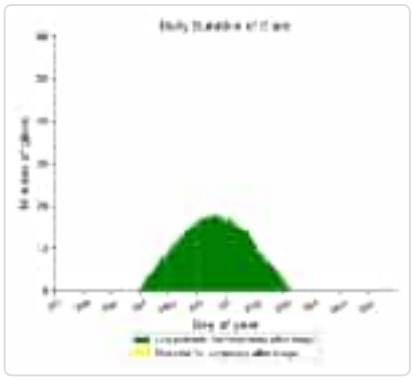


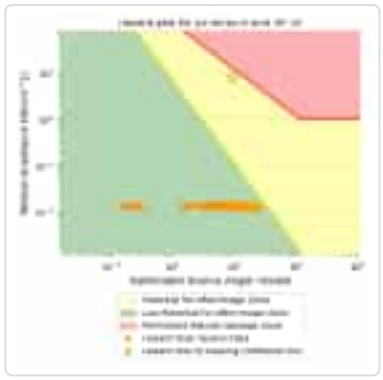
PV array 6: OP 35

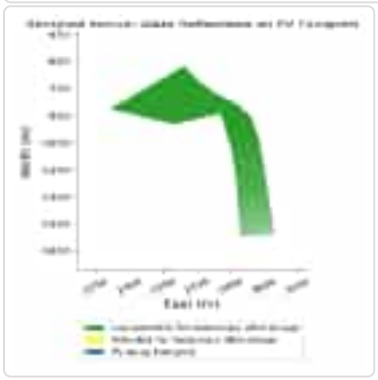
PV array is expected to produce the following glare for this receptor:

- 1,745 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





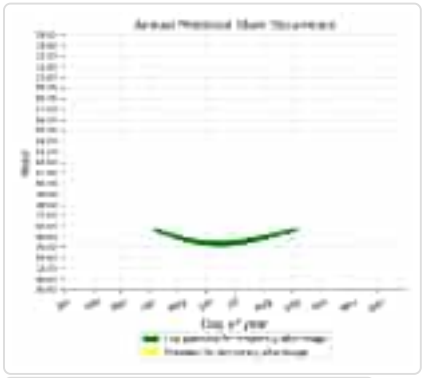
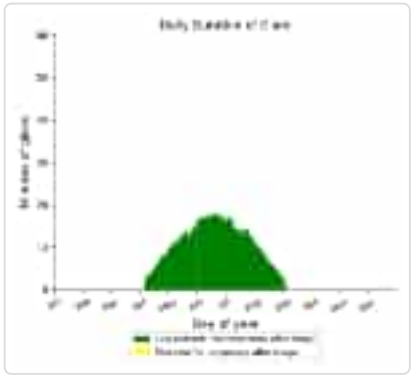
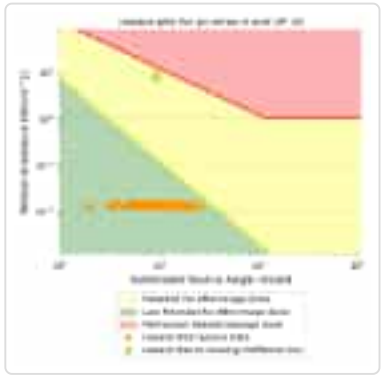
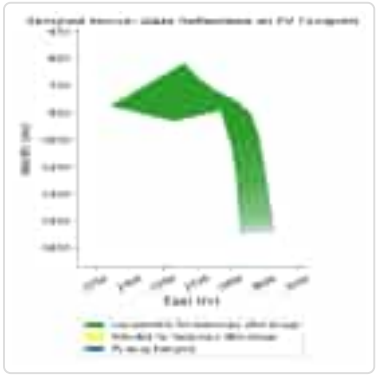




PV array 6: OP 36

PV array is expected to produce the following glare for this receptor:

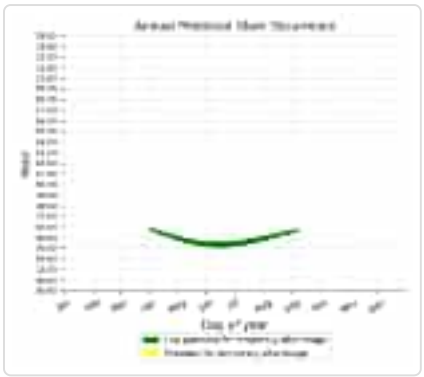
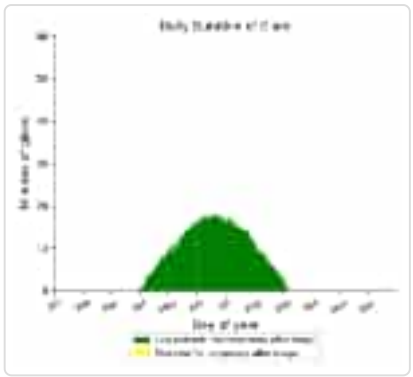
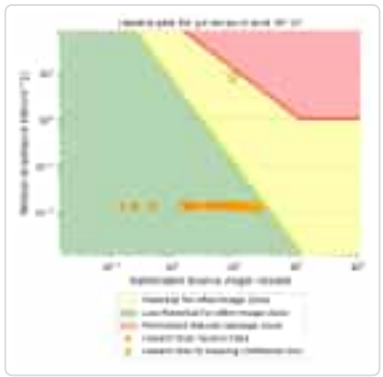
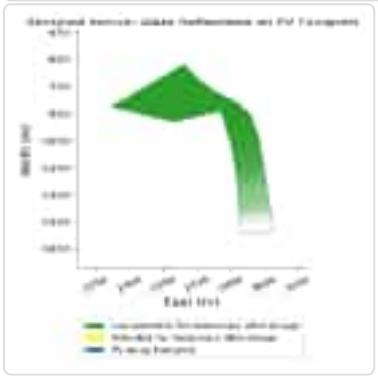
- 1,720 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 6: OP 37

PV array is expected to produce the following glare for this receptor:

- 1,747 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

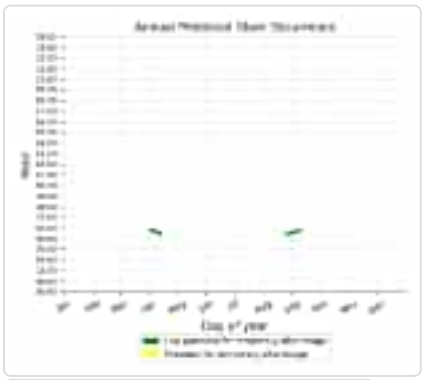
PV array 6: OP 38

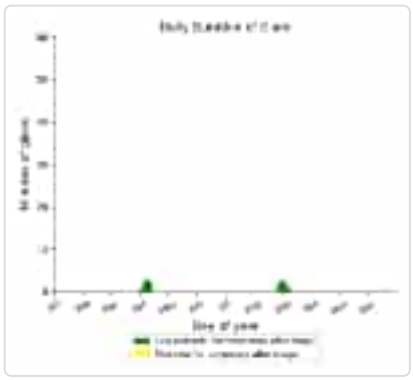
No glare found

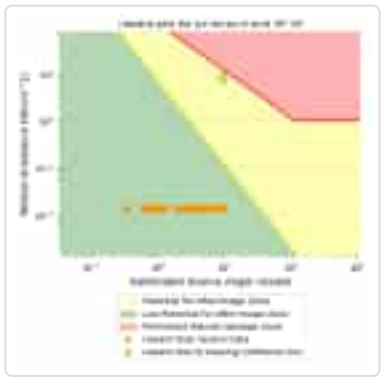
PV array 6: OP 39

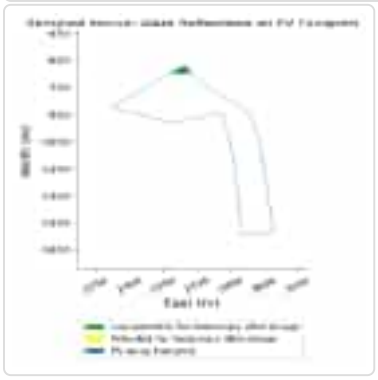
PV array is expected to produce the following glare for this receptor:

- 53 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









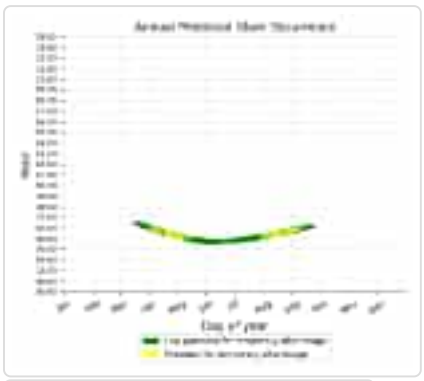
PV array 6: OP 40

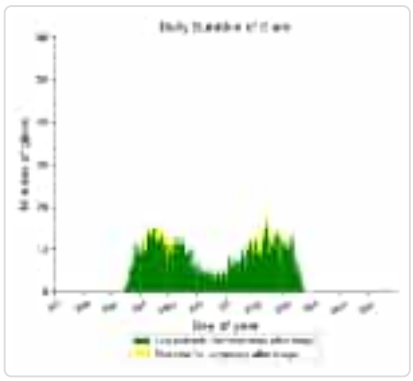
No glare found

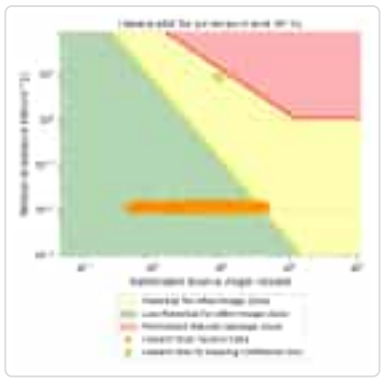
PV array 6: OP 41

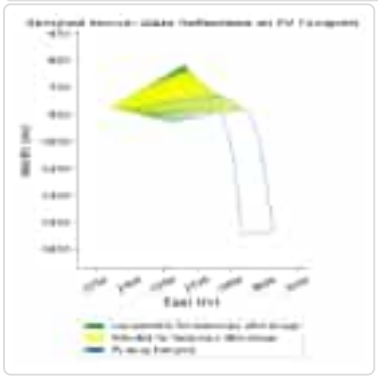
PV array is expected to produce the following glare for this receptor:

- 1,668 minutes of "green" glare with low potential to cause temporary after-image.
- 136 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 42

No glare found

PV array 6: OP 43

No glare found

PV array 6: OP 44

No glare found

PV array 6: OP 45

No glare found

PV array 6: OP 46

No glare found

PV array 6: OP 47

No glare found

PV array 6: OP 48

No glare found

PV array 6: OP 49

No glare found

PV array 6: OP 50

No glare found

PV array 6: OP 51

No glare found

PV array 6: OP 52

No glare found

PV array 6: OP 53

No glare found

PV array 6: OP 54

No glare found

PV array 6: OP 55

No glare found

PV array 6: OP 56

No glare found

PV array 6: OP 57

No glare found

PV array 6: OP 58

No glare found

PV array 6: OP 59

No glare found

PV array 6: OP 60

No glare found

PV array 6: OP 61

No glare found

PV array 6: OP 62

No glare found

PV array 6: OP 63

No glare found

PV array 6: OP 64

No glare found

PV array 6: OP 65

No glare found

PV array 6: OP 66

No glare found

PV array 6: OP 67

No glare found

PV array 6: OP 68

No glare found

PV array 6: OP 69

No glare found

PV array 6: OP 70

No glare found

PV array 6: OP 71

No glare found

PV array 6: OP 72

No glare found

PV array 6: OP 73

No glare found

PV array 6: OP 74

No glare found

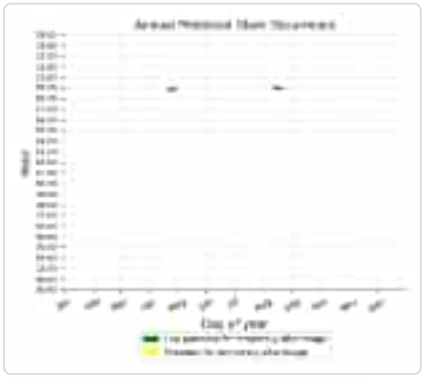
PV array 6: OP 75

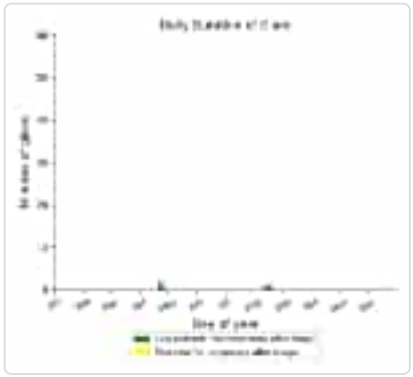
No glare found

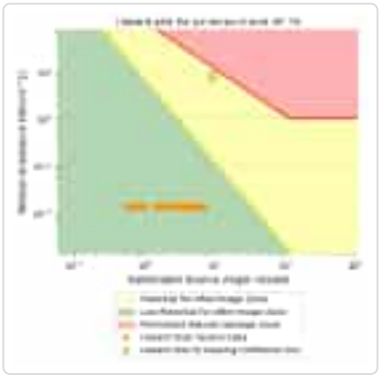
PV array 6: OP 76

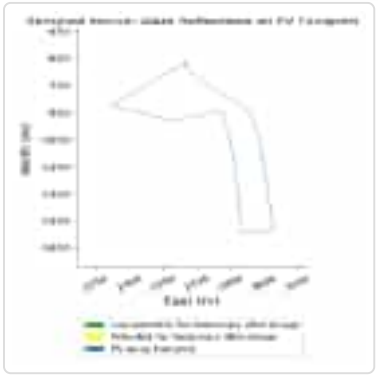
PV array is expected to produce the following glare for this receptor:

- 21 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





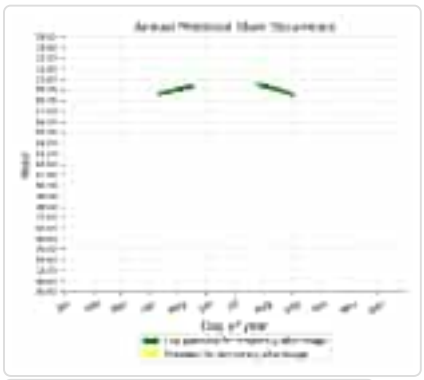


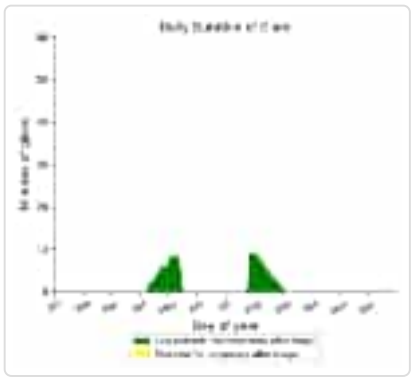


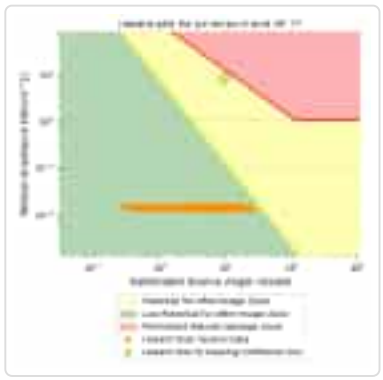
PV array 6: OP 77

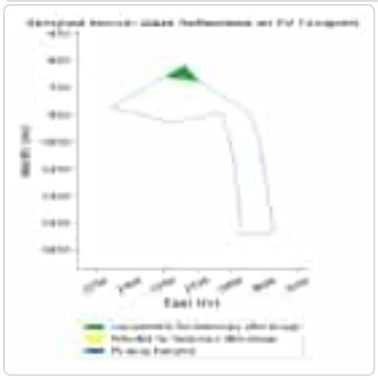
PV array is expected to produce the following glare for this receptor:

- 418 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









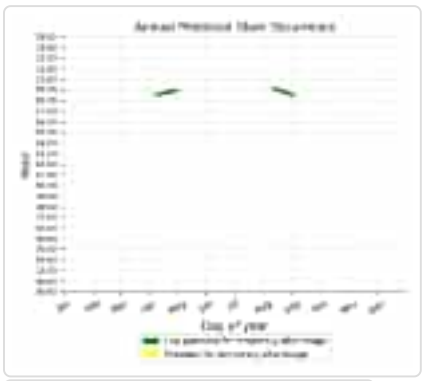
PV array 6: OP 78

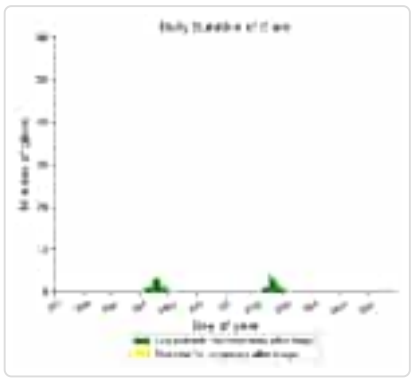
No glare found

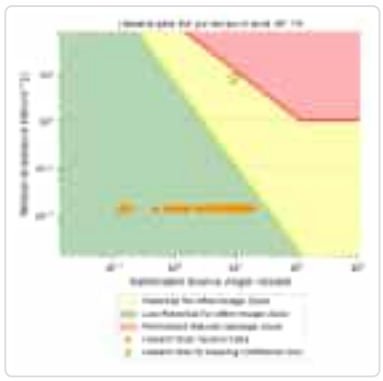
PV array 6: OP 79

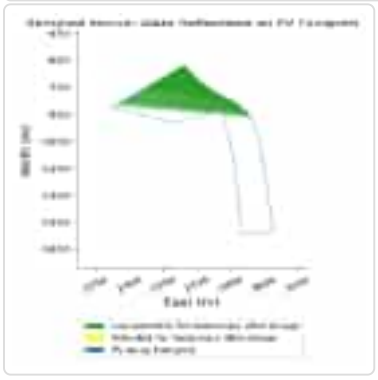
PV array is expected to produce the following glare for this receptor:

- 87 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





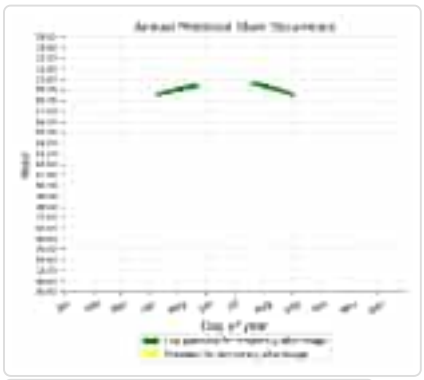


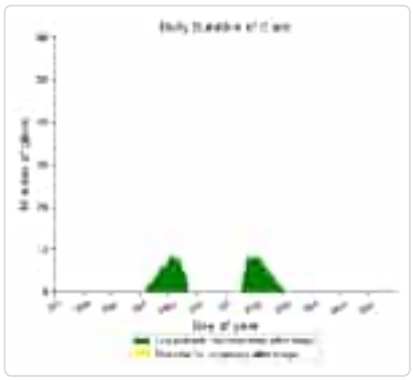


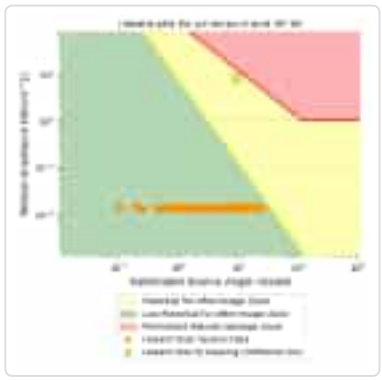
PV array 6: OP 80

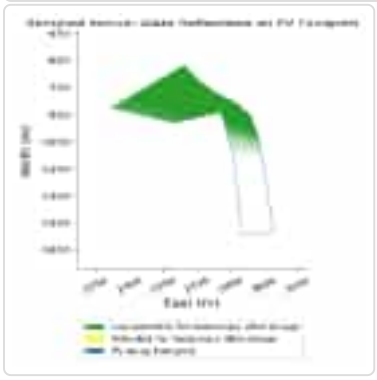
PV array is expected to produce the following glare for this receptor:

- 476 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	26	0

OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	246	0
OP: OP 31	270	0
OP: OP 32	338	0
OP: OP 33	348	0
OP: OP 34	375	0
OP: OP 35	1447	0
OP: OP 36	1662	0
OP: OP 37	1566	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
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OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
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OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

OP: OP 80	181	0

PV array 7: OP 1

No glare found

PV array 7: OP 2

No glare found

PV array 7: OP 3

No glare found

PV array 7: OP 4

No glare found

PV array 7: OP 5

No glare found

PV array 7: OP 6

No glare found

PV array 7: OP 7

No glare found

PV array 7: OP 8

No glare found

PV array 7: OP 9

No glare found

PV array 7: OP 10

No glare found

PV array 7: OP 11

No glare found

PV array 7: OP 12

No glare found

PV array 7: OP 13

No glare found

PV array 7: OP 14

No glare found

PV array 7: OP 15

No glare found

PV array 7: OP 16

No glare found

PV array 7: OP 17

No glare found

PV array 7: OP 18

No glare found

PV array 7: OP 19

No glare found

PV array 7: OP 20

No glare found

PV array 7: OP 21

No glare found

PV array 7: OP 22

No glare found

PV array 7: OP 23

No glare found

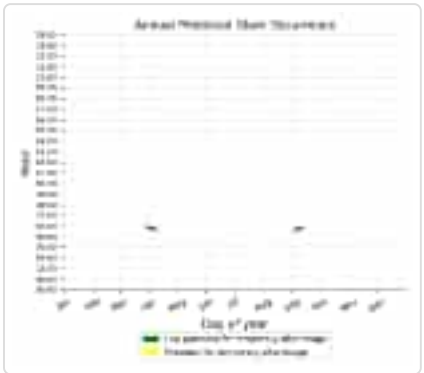
PV array 7: OP 24

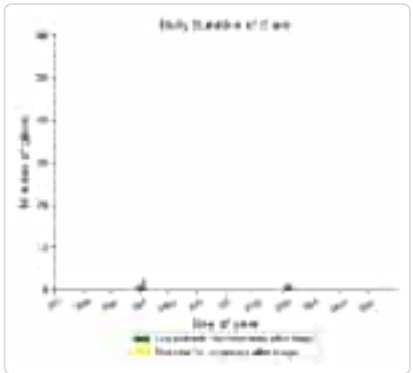
No glare found

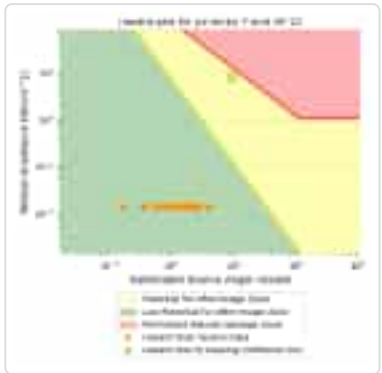
PV array 7: OP 25

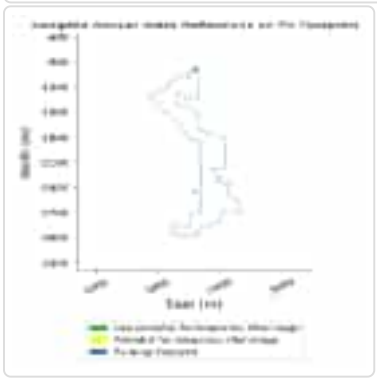
PV array is expected to produce the following glare for this receptor:

- 26 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 26

No glare found

PV array 7: OP 27

No glare found

PV array 7: OP 28

No glare found

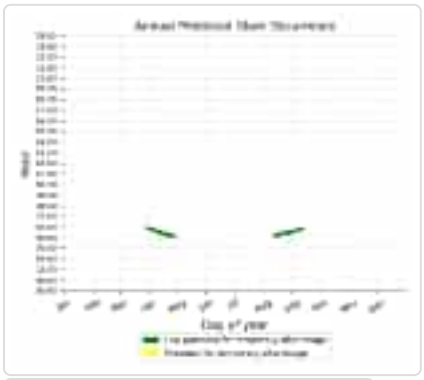
PV array 7: OP 29

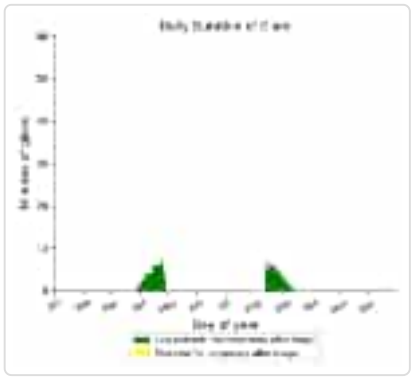
No glare found

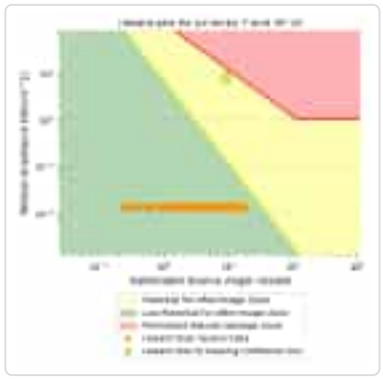
PV array 7: OP 30

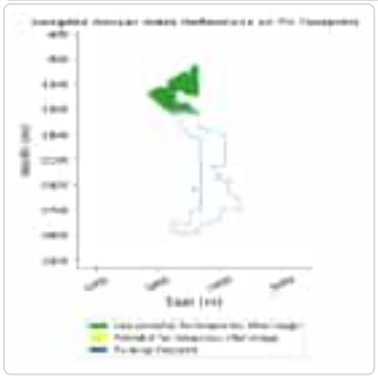
PV array is expected to produce the following glare for this receptor:

- 246 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





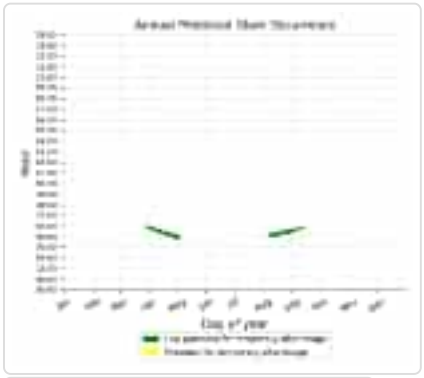


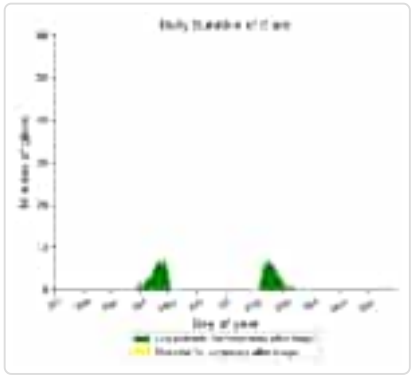


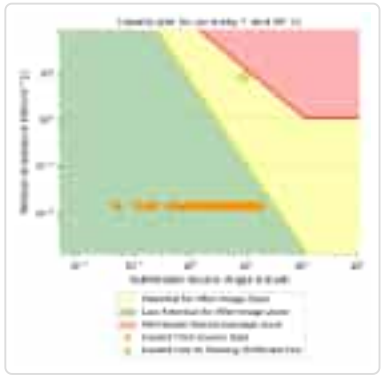
PV array 7: OP 31

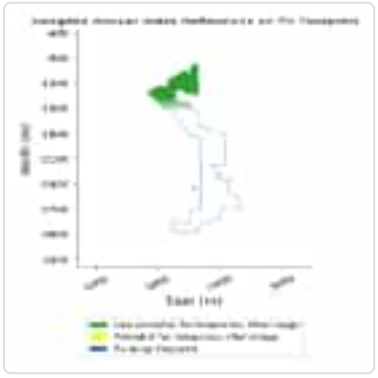
PV array is expected to produce the following glare for this receptor:

- 270 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





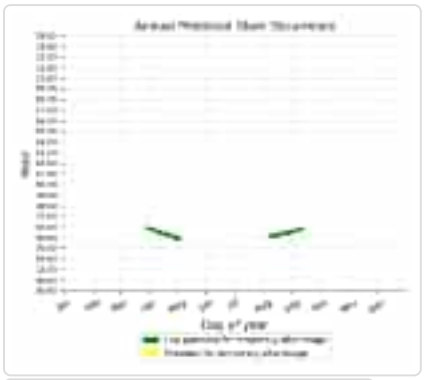


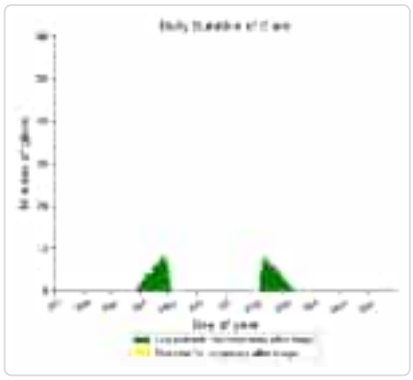


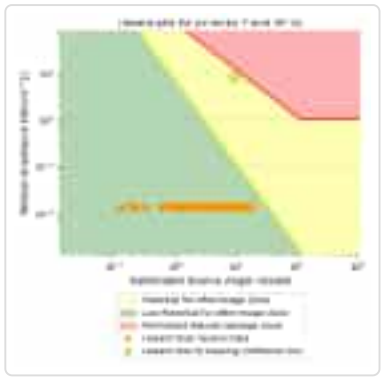
PV array 7: OP 32

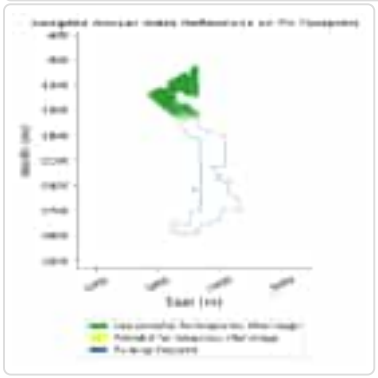
PV array is expected to produce the following glare for this receptor:

- 338 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





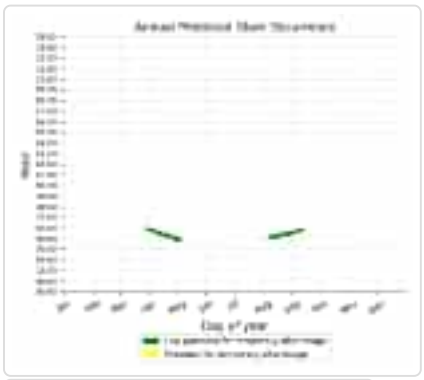


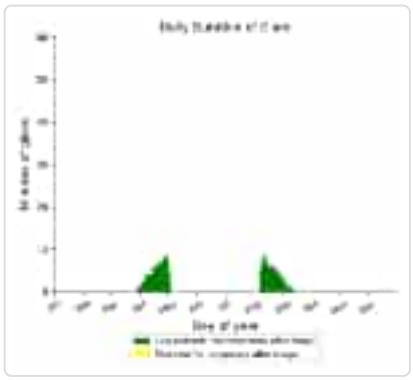


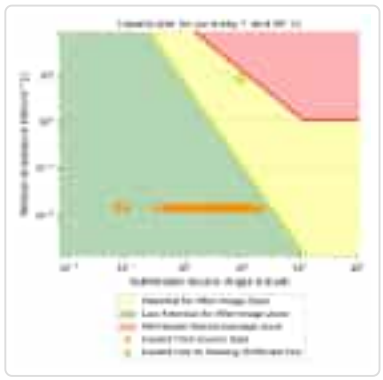
PV array 7: OP 33

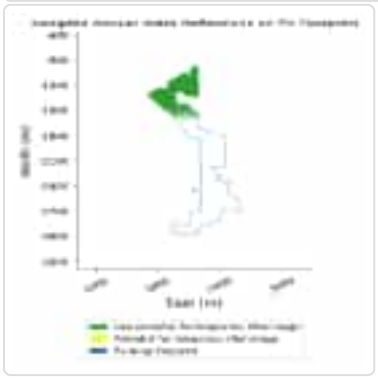
PV array is expected to produce the following glare for this receptor:

- 348 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





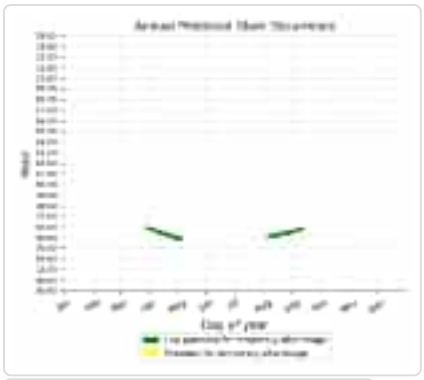


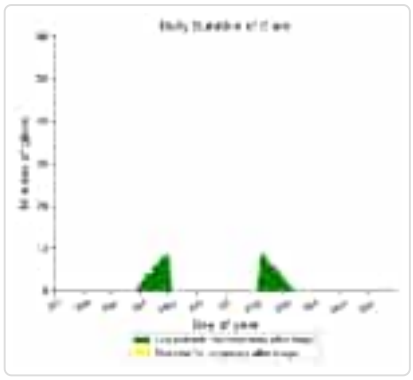


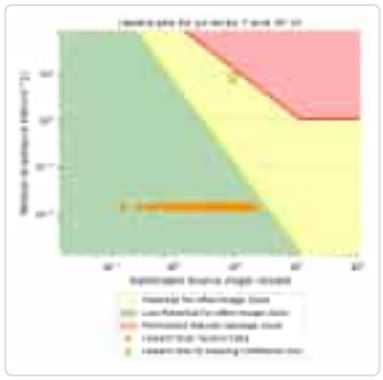
PV array 7: OP 34

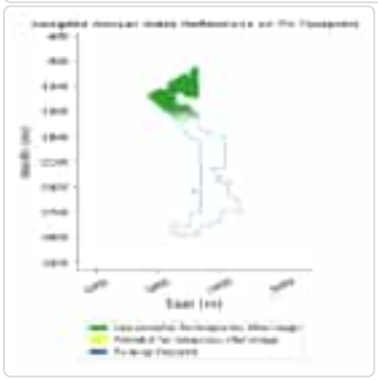
PV array is expected to produce the following glare for this receptor:

- 375 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





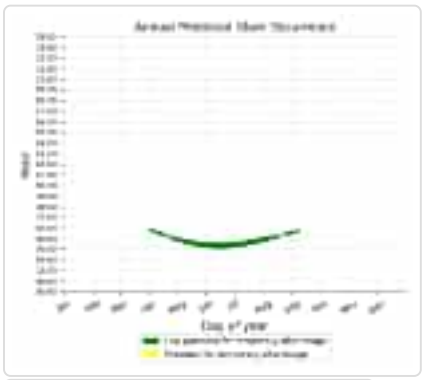


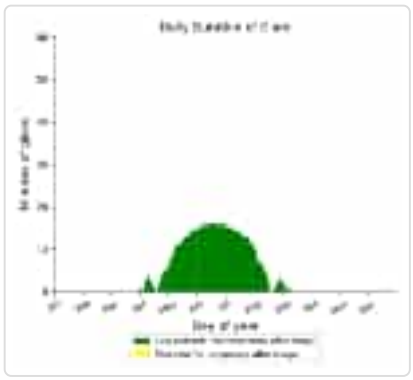


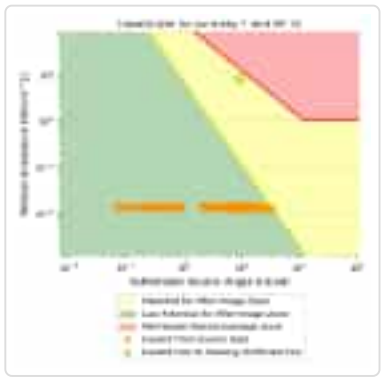
PV array 7: OP 35

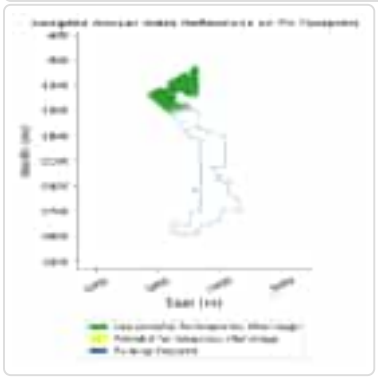
PV array is expected to produce the following glare for this receptor:

- 1,447 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





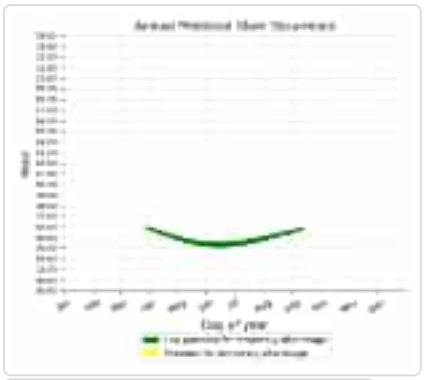


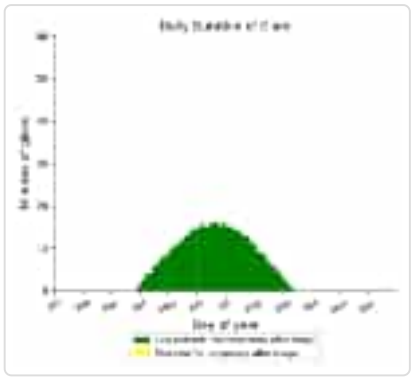


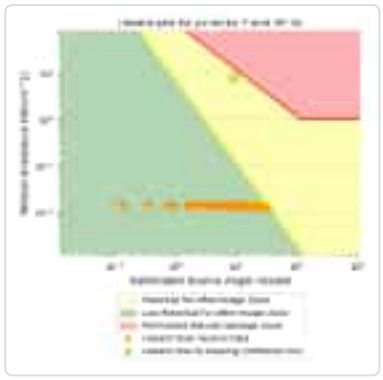
PV array 7: OP 36

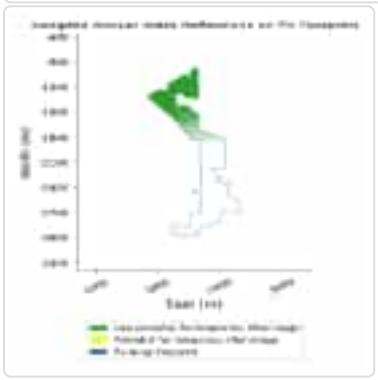
PV array is expected to produce the following glare for this receptor:

- 1,662 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





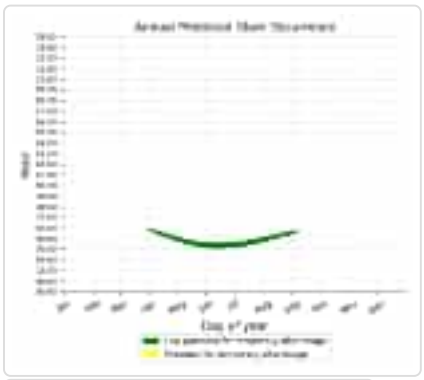


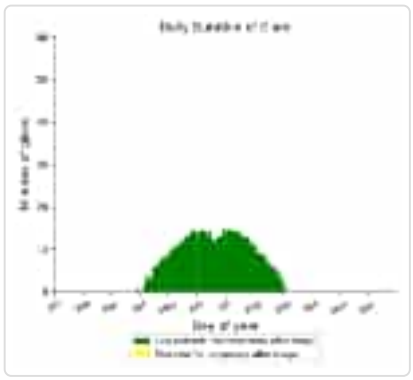


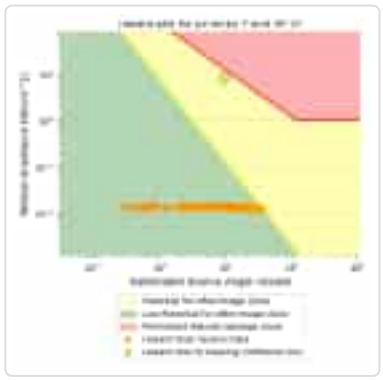
PV array 7: OP 37

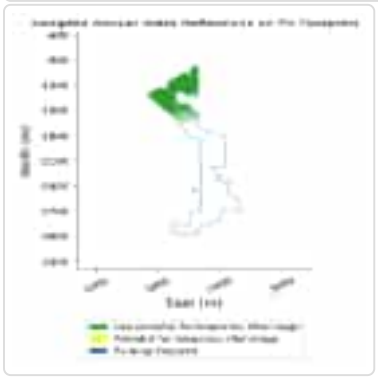
PV array is expected to produce the following glare for this receptor:

- 1,566 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 38

No glare found

PV array 7: OP 39

No glare found

PV array 7: OP 40

No glare found

PV array 7: OP 41

No glare found

PV array 7: OP 42

No glare found

PV array 7: OP 43

No glare found

PV array 7: OP 44

No glare found

PV array 7: OP 45

No glare found

PV array 7: OP 46

No glare found

PV array 7: OP 47

No glare found

PV array 7: OP 48

No glare found

PV array 7: OP 49

No glare found

PV array 7: OP 50

No glare found

PV array 7: OP 51

No glare found

PV array 7: OP 52

No glare found

PV array 7: OP 53

No glare found

PV array 7: OP 54

No glare found

PV array 7: OP 55

No glare found

PV array 7: OP 56

No glare found

PV array 7: OP 57

No glare found

PV array 7: OP 58

No glare found

PV array 7: OP 59

No glare found

PV array 7: OP 60

No glare found

PV array 7: OP 61

No glare found

PV array 7: OP 62

No glare found

PV array 7: OP 63

No glare found

PV array 7: OP 64

No glare found

PV array 7: OP 65

No glare found

PV array 7: OP 66

No glare found

PV array 7: OP 67

No glare found

PV array 7: OP 68

No glare found

PV array 7: OP 69

No glare found

PV array 7: OP 70

No glare found

PV array 7: OP 71

No glare found

PV array 7: OP 72

No glare found

PV array 7: OP 73

No glare found

PV array 7: OP 74

No glare found

PV array 7: OP 75

No glare found

PV array 7: OP 76

No glare found

PV array 7: OP 77

No glare found

PV array 7: OP 78

No glare found

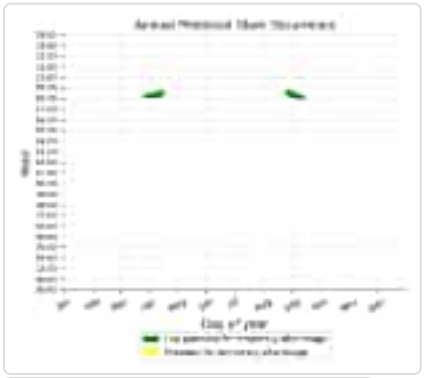
PV array 7: OP 79

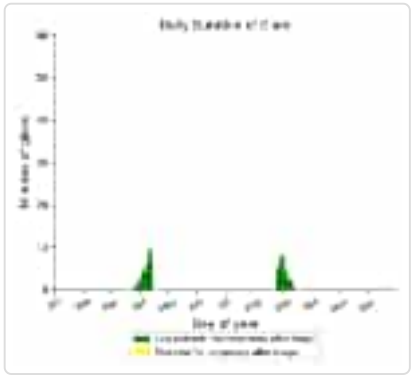
No glare found

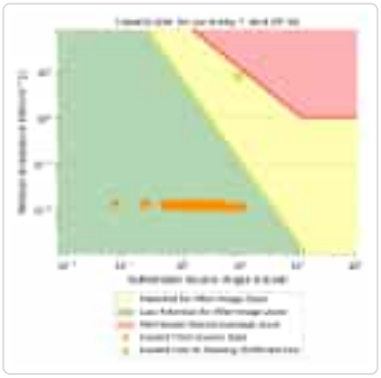
PV array 7: OP 80

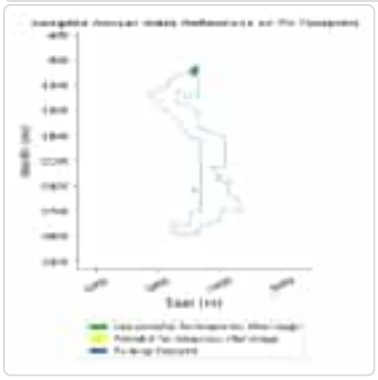
PV array is expected to produce the following glare for this receptor:

- 181 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 8 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 9 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Fosse Green Solar Farm

Fosse Green SF Res Group B 5 Degrees

Created Jan 11, 2024
Updated Sep 02, 2024
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 109534.18719

Project type Advanced
Project status: active
Category 10 MW to 100 MW

Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
PV array 1	5.0	180.0	41,895	43	-
PV array 10	5.0	180.0	44,944	9,464	-
PV array 11	5.0	180.0	43,789	10,007	-
PV array 12	5.0	180.0	6,207	0	-
PV array 13	5.0	180.0	3,423	3,073	-
PV array 14	5.0	180.0	23,996	152	-
PV array 15	5.0	180.0	0	0	-
PV array 2	5.0	180.0	3,136	0	-
PV array 3	5.0	180.0	40,446	1,864	-
PV array 4	5.0	180.0	23,154	0	-
PV array 5	5.0	180.0	2,079	0	-
PV array 6	5.0	180.0	37,798	0	-
PV array 7	5.0	180.0	146,663	26,265	-
PV array 8	5.0	180.0	11,025	0	-
PV array 9	5.0	180.0	29,560	164	-

Component Data

PV Array(s)

Total PV footprint area: 5,127,185 m^2

Name: PV array 1
Footprint area: 534,233 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.173327	-0.683693	15.22	3.50	18.72
2	53.171796	-0.684143	15.03	3.50	18.53
3	53.171552	-0.683478	15.19	3.50	18.69
4	53.171127	-0.682985	15.98	3.50	19.48
5	53.169712	-0.681805	15.00	3.50	18.50
6	53.168092	-0.681418	16.50	3.50	20.00
7	53.167989	-0.682362	16.00	3.50	19.50
8	53.167616	-0.682427	15.86	3.50	19.36
9	53.166844	-0.682749	16.00	3.50	19.50
10	53.166574	-0.682985	16.00	3.50	19.50
11	53.166123	-0.682920	16.00	3.50	19.50
12	53.166394	-0.680345	17.00	3.50	20.50
13	53.166741	-0.680410	16.40	3.50	19.90
14	53.166831	-0.679530	17.48	3.50	20.98
15	53.167320	-0.679659	17.17	3.50	20.67
16	53.167564	-0.677277	20.64	3.50	24.14
17	53.166522	-0.676741	20.78	3.50	24.28
18	53.164593	-0.675024	20.02	3.50	23.52
19	53.163010	-0.673672	18.14	3.50	21.64
20	53.162869	-0.672857	19.04	3.50	22.54
21	53.163088	-0.672084	19.80	3.50	23.30
22	53.163679	-0.671333	23.18	3.50	26.68
23	53.165403	-0.672857	27.63	3.50	31.13
24	53.165648	-0.671870	30.61	3.50	34.11
25	53.166458	-0.671269	32.00	3.50	35.50
26	53.166857	-0.671569	31.99	3.50	35.49
27	53.167847	-0.667406	24.66	3.50	28.16
28	53.169468	-0.666720	25.10	3.50	28.60
29	53.169031	-0.668608	27.89	3.50	31.39
30	53.169198	-0.670067	30.98	3.50	34.48
31	53.169982	-0.673629	26.94	3.50	30.44
32	53.170246	-0.673758	26.58	3.50	30.08
33	53.171294	-0.673125	28.40	3.50	31.90
34	53.171745	-0.672299	30.82	3.50	34.32
35	53.172105	-0.674048	26.50	3.50	30.00
36	53.171674	-0.675957	22.65	3.50	26.15
37	53.171507	-0.677599	22.08	3.50	25.58
38	53.171629	-0.678414	22.99	3.50	26.49
39	53.171918	-0.678833	24.21	3.50	27.71
40	53.171809	-0.679283	22.62	3.50	26.12
41	53.171449	-0.679391	20.48	3.50	23.98
42	53.170838	-0.677985	18.51	3.50	22.01
43	53.170593	-0.678028	17.96	3.50	21.46
44	53.170606	-0.678200	17.83	3.50	21.33
45	53.171372	-0.679906	19.18	3.50	22.68
46	53.171249	-0.681719	17.42	3.50	20.92
47	53.171378	-0.681955	17.27	3.50	20.77
48	53.171333	-0.682395	16.56	3.50	20.06
49	53.171597	-0.682502	16.79	3.50	20.29
50	53.173384	-0.681622	18.75	3.50	22.25

Name: PV array 10
Footprint area: 185,320 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.150798	-0.633966	8.64	3.50	12.14
2	53.150219	-0.635436	8.34	3.50	11.84
3	53.150026	-0.636744	8.28	3.50	11.78
4	53.148983	-0.636744	9.89	3.50	13.39
5	53.148803	-0.636862	10.13	3.50	13.63
6	53.148829	-0.637045	9.76	3.50	13.26
7	53.147420	-0.637957	10.19	3.50	13.69
8	53.146461	-0.637796	10.65	3.50	14.15
9	53.146126	-0.637302	11.44	3.50	14.94
10	53.145875	-0.635146	9.74	3.50	13.24
11	53.145566	-0.635264	9.14	3.50	12.64
12	53.145451	-0.635843	9.42	3.50	12.92
13	53.145142	-0.635951	9.94	3.50	13.44
14	53.144987	-0.634910	11.54	3.50	15.04
15	53.144637	-0.634278	12.00	3.50	15.50
16	53.143968	-0.633344	12.41	3.50	15.91
17	53.144200	-0.633280	11.84	3.50	15.34
18	53.144953	-0.632754	9.97	3.50	13.47
19	53.145828	-0.631949	10.31	3.50	13.81
20	53.146497	-0.631509	11.15	3.50	14.65
21	53.147668	-0.633848	12.51	3.50	16.01
22	53.148395	-0.633344	12.81	3.50	16.31
23	53.148254	-0.632947	13.08	3.50	16.58
24	53.148910	-0.632035	13.05	3.50	16.55
25	53.149148	-0.632604	13.03	3.50	16.53
26	53.149631	-0.631853	12.49	3.50	15.99

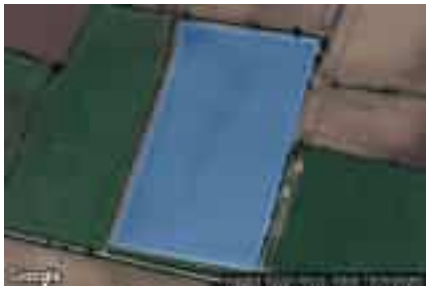
Name: PV array 11
Footprint area: 717,731 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.148506	-0.631749	13.14	3.50	16.64
2	53.147850	-0.632704	12.97	3.50	16.47
3	53.147683	-0.632715	12.37	3.50	15.87
4	53.146640	-0.630945	11.20	3.50	14.70
5	53.146396	-0.630848	12.22	3.50	15.72
6	53.145637	-0.631266	12.28	3.50	15.78
7	53.144343	-0.632565	11.04	3.50	14.54
8	53.142046	-0.627951	13.11	3.50	16.61
9	53.141524	-0.626084	12.34	3.50	15.84
10	53.138596	-0.627329	13.83	3.50	17.33
11	53.138454	-0.627232	13.48	3.50	16.98
12	53.137051	-0.628370	12.96	3.50	16.46
13	53.137154	-0.629056	13.21	3.50	16.71
14	53.135919	-0.628649	14.19	3.50	17.69
15	53.135771	-0.627640	12.78	3.50	16.28
16	53.134593	-0.628456	13.03	3.50	16.53
17	53.134464	-0.624700	12.77	3.50	16.27
18	53.134618	-0.624700	12.76	3.50	16.26
19	53.134631	-0.624990	12.76	3.50	16.26
20	53.135655	-0.624947	12.58	3.50	16.08
21	53.135758	-0.626331	11.86	3.50	15.36
22	53.136112	-0.626567	11.92	3.50	15.42
23	53.136549	-0.625162	10.74	3.50	14.24
24	53.136717	-0.625055	10.13	3.50	13.63
25	53.136652	-0.624636	10.38	3.50	13.88
26	53.137450	-0.624089	10.03	3.50	13.53
27	53.135830	-0.616790	7.11	3.50	10.61
28	53.136200	-0.615960	6.99	3.50	10.49
29	53.137240	-0.614930	7.15	3.50	10.65
30	53.137620	-0.615710	7.24	3.50	10.74
31	53.137860	-0.615550	7.38	3.50	10.88
32	53.137990	-0.614790	7.14	3.50	10.64
33	53.139105	-0.617426	7.93	3.50	11.43
34	53.139800	-0.619754	11.05	3.50	14.55
35	53.141717	-0.618682	9.38	3.50	12.88
36	53.142129	-0.620227	11.21	3.50	14.71
37	53.142007	-0.620323	10.80	3.50	14.30
38	53.142541	-0.622211	11.19	3.50	14.69
39	53.144034	-0.620784	11.76	3.50	15.26
40	53.144607	-0.623563	11.92	3.50	15.42
41	53.145591	-0.624582	12.63	3.50	16.13
42	53.145044	-0.625248	12.90	3.50	16.40
43	53.145077	-0.625666	12.28	3.50	15.78
44	53.146634	-0.628348	11.72	3.50	15.22
45	53.146808	-0.628220	12.16	3.50	15.66
46	53.148268	-0.630762	12.11	3.50	15.61
47	53.148101	-0.631030	11.92	3.50	15.42

Name: PV array 12
Footprint area: 73,115 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.136228	-0.613414	8.07	3.50	11.57
2	53.135854	-0.613478	8.46	3.50	11.96
3	53.133222	-0.614980	9.82	3.50	13.32
4	53.132887	-0.611772	10.64	3.50	14.14
5	53.135977	-0.610335	9.13	3.50	12.63

Name: PV array 13
Footprint area: 737,057 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.135585	-0.658160	11.48	3.50	14.98
2	53.136461	-0.665906	14.75	3.50	18.25
3	53.130642	-0.667945	14.56	3.50	18.06
4	53.130333	-0.666357	13.81	3.50	17.31
5	53.128440	-0.666872	14.86	3.50	18.36
6	53.128582	-0.668717	14.77	3.50	18.27
7	53.128273	-0.668782	14.57	3.50	18.07
8	53.128131	-0.667301	14.49	3.50	17.99
9	53.125730	-0.667666	13.07	3.50	16.57
10	53.125710	-0.667945	12.94	3.50	16.44
11	53.124455	-0.667505	13.19	3.50	16.69
12	53.124558	-0.666711	12.70	3.50	16.20
13	53.123380	-0.665788	11.31	3.50	14.81
14	53.123457	-0.665370	11.00	3.50	14.50
15	53.123122	-0.665220	12.04	3.50	15.54
16	53.123476	-0.663514	13.15	3.50	16.65
17	53.124365	-0.661776	13.29	3.50	16.79
18	53.124571	-0.660832	13.96	3.50	17.46
19	53.125067	-0.660220	13.10	3.50	16.60
20	53.126410	-0.656650	11.66	3.50	15.16
21	53.126650	-0.656260	11.38	3.50	14.88
22	53.126960	-0.656270	11.65	3.50	15.15
23	53.127180	-0.656070	12.25	3.50	15.75
24	53.127600	-0.659050	12.08	3.50	15.58
25	53.128790	-0.658920	13.52	3.50	17.02
26	53.129280	-0.661440	14.94	3.50	18.44
27	53.131090	-0.659870	14.90	3.50	18.40
28	53.131520	-0.659500	14.40	3.50	17.90
29	53.132320	-0.658860	12.70	3.50	16.20
30	53.133270	-0.657930	12.71	3.50	16.21
31	53.133345	-0.658664	11.01	3.50	14.51

Name: PV array 14
Footprint area: 185,007 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132496	-0.652742	10.97	3.50	14.47
2	53.131787	-0.653128	10.89	3.50	14.39
3	53.131511	-0.653075	11.28	3.50	14.78
4	53.130770	-0.652409	10.38	3.50	13.88
5	53.130352	-0.650049	9.94	3.50	13.44
6	53.130095	-0.649556	9.85	3.50	13.35
7	53.130275	-0.649255	10.71	3.50	14.21
8	53.132390	-0.648020	11.38	3.50	14.88
9	53.133030	-0.650850	12.02	3.50	15.52
10	53.136270	-0.648960	10.09	3.50	13.59
11	53.136080	-0.645870	977.00	3.50	980.50
12	53.137430	-0.645210	9.73	3.50	13.23
13	53.137750	-0.648600	9.23	3.50	12.73
14	53.137580	-0.648830	9.22	3.50	12.72
15	53.138060	-0.652120	9.08	3.50	12.58
16	53.137820	-0.652230	9.58	3.50	13.08
17	53.137750	-0.652040	9.56	3.50	13.06
18	53.135890	-0.651840	9.88	3.50	13.38

Name: PV array 15
Footprint area: 78,226 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132772	-0.647378	9.94	3.50	13.44
2	53.130056	-0.648847	10.80	3.50	14.30
3	53.129882	-0.649255	9.89	3.50	13.39
4	53.129303	-0.648847	10.80	3.50	14.30
5	53.128942	-0.648858	10.87	3.50	14.37
6	53.128884	-0.648418	11.51	3.50	15.01
7	53.128311	-0.648386	11.43	3.50	14.93
8	53.128105	-0.646884	11.40	3.50	14.90
9	53.130622	-0.645758	10.83	3.50	14.33
10	53.130700	-0.646122	11.65	3.50	15.15
11	53.131298	-0.645768	10.18	3.50	13.68
12	53.132410	-0.645330	9.00	3.50	12.50

Name: PV array 2
Footprint area: 575,799 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.178645	-0.666108	19.50	3.50	23.00
2	53.177873	-0.669091	19.28	3.50	22.78
3	53.176523	-0.668029	19.69	3.50	23.19
4	53.174220	-0.666891	26.06	3.50	29.56
5	53.174465	-0.660669	17.80	3.50	21.30
6	53.172497	-0.660755	16.16	3.50	19.66
7	53.172510	-0.661355	17.14	3.50	20.64
8	53.172960	-0.661484	17.29	3.50	20.79
9	53.173230	-0.666677	24.28	3.50	27.78
10	53.172175	-0.666226	20.97	3.50	24.47
11	53.171823	-0.664919	19.69	3.50	23.19
12	53.171714	-0.664865	19.72	3.50	23.22
13	53.170968	-0.662526	18.08	3.50	21.58
14	53.170357	-0.661797	17.29	3.50	20.79
15	53.174293	-0.653523	13.69	3.50	17.19
16	53.178283	-0.655459	15.69	3.50	19.19
17	53.179363	-0.655588	13.41	3.50	16.91
18	53.178051	-0.662519	19.70	3.50	23.20
19	53.177884	-0.665737	19.63	3.50	23.13

Name: PV array 3
Footprint area: 679,940 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.162240	-0.675330	17.88	3.50	21.38
2	53.159340	-0.671810	16.96	3.50	20.46
3	53.159790	-0.670480	16.50	3.50	20.00
4	53.160860	-0.668250	17.83	3.50	21.33
5	53.160420	-0.666810	17.26	3.50	20.76
6	53.159450	-0.669110	15.52	3.50	19.02
7	53.159860	-0.669750	15.96	3.50	19.46
8	53.159140	-0.671710	16.90	3.50	20.40
9	53.158240	-0.670650	16.68	3.50	20.18
10	53.158390	-0.670070	16.02	3.50	19.52
11	53.157840	-0.668790	15.77	3.50	19.27
12	53.159770	-0.664130	19.42	3.50	22.92
13	53.159920	-0.664410	18.34	3.50	21.84
14	53.160980	-0.661830	24.57	3.50	28.07
15	53.161160	-0.662010	24.26	3.50	27.76
16	53.161290	-0.661640	25.79	3.50	29.29
17	53.161160	-0.661450	23.00	3.50	26.50
18	53.162190	-0.659350	26.37	3.50	29.87
19	53.162080	-0.658850	26.32	3.50	29.82
20	53.162600	-0.657690	27.46	3.50	30.96
21	53.165690	-0.658340	22.77	3.50	26.27
22	53.165920	-0.658980	21.27	3.50	24.77
23	53.166210	-0.659430	20.99	3.50	24.49
24	53.165960	-0.661020	21.23	3.50	24.73
25	53.167980	-0.662370	18.26	3.50	21.76
26	53.167650	-0.663320	18.23	3.50	21.73
27	53.167500	-0.667240	23.99	3.50	27.49
28	53.164620	-0.668620	26.56	3.50	30.06
29	53.164820	-0.669520	27.49	3.50	30.99
30	53.163160	-0.671190	20.73	3.50	24.23
31	53.162730	-0.672050	18.84	3.50	22.34
32	53.162570	-0.673160	18.39	3.50	21.89
33	53.162750	-0.673700	17.85	3.50	21.35
34	53.162650	-0.674340	17.02	3.50	20.52

Name: PV array 4
Footprint area: 539,309 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.172585	-0.642585	14.81	3.50	18.31
2	53.173512	-0.648335	13.73	3.50	17.23
3	53.168740	-0.657433	17.19	3.50	20.69
4	53.168560	-0.657412	16.94	3.50	20.44
5	53.168310	-0.657830	18.09	3.50	21.59
6	53.168300	-0.658730	18.04	3.50	21.54
7	53.168070	-0.658890	17.95	3.50	21.45
8	53.165850	-0.657640	21.97	3.50	25.47
9	53.165650	-0.657980	23.24	3.50	26.74
10	53.162740	-0.657270	27.18	3.50	30.68
11	53.164580	-0.653290	23.23	3.50	26.73
12	53.166200	-0.654060	18.29	3.50	21.79
13	53.166850	-0.655520	18.20	3.50	21.70
14	53.167520	-0.655510	17.58	3.50	21.08
15	53.167980	-0.655110	18.44	3.50	21.94
16	53.169113	-0.651554	16.06	3.50	19.56
17	53.169113	-0.651060	15.41	3.50	18.91
18	53.168032	-0.650867	15.63	3.50	19.13
19	53.167955	-0.651597	16.07	3.50	19.57
20	53.167337	-0.651232	15.83	3.50	19.33
21	53.166077	-0.651103	19.26	3.50	22.76
22	53.166115	-0.650481	18.68	3.50	22.18
23	53.165961	-0.650181	19.78	3.50	23.28
24	53.168251	-0.644537	17.16	3.50	20.66
25	53.168920	-0.644687	16.30	3.50	19.80
26	53.170129	-0.644408	16.57	3.50	20.07
27	53.171132	-0.643754	15.25	3.50	18.75
28	53.171151	-0.643400	15.23	3.50	18.73
29	53.172000	-0.642681	14.97	3.50	18.47

Name: PV array 5
Footprint area: 85,119 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.175987	-0.638261	17.17	3.50	20.67
2	53.175962	-0.637317	17.32	3.50	20.82
3	53.175704	-0.636180	15.99	3.50	19.49
4	53.172039	-0.635257	10.34	3.50	13.84
5	53.170855	-0.638197	11.33	3.50	14.83
6	53.174251	-0.638304	12.30	3.50	15.80

Name: PV array 6
Footprint area: 178,317 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.167678	-0.644140	17.52	3.50	21.02
2	53.165556	-0.649011	19.39	3.50	22.89
3	53.164810	-0.644784	20.41	3.50	23.91
4	53.165350	-0.641716	16.27	3.50	19.77
5	53.163562	-0.640986	20.48	3.50	23.98
6	53.161902	-0.640643	22.38	3.50	25.88
7	53.159226	-0.640385	15.78	3.50	19.28
8	53.159329	-0.638197	13.14	3.50	16.64
9	53.162726	-0.638883	20.72	3.50	24.22
10	53.164115	-0.639205	17.21	3.50	20.71
11	53.165183	-0.639763	14.44	3.50	17.94
12	53.165800	-0.640707	14.81	3.50	18.31
13	53.166366	-0.642209	16.10	3.50	19.60
14	53.166971	-0.643282	16.63	3.50	20.13

Name: PV array 7
Footprint area: 492,432 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.164655	-0.651071	23.57	3.50	27.07
2	53.164218	-0.652101	24.34	3.50	27.84
3	53.163588	-0.652015	24.43	3.50	27.93
4	53.163575	-0.652466	24.10	3.50	27.60
5	53.163883	-0.652809	24.86	3.50	28.36
6	53.162790	-0.655406	26.04	3.50	29.54
7	53.162404	-0.655148	26.50	3.50	30.00
8	53.162082	-0.655835	27.39	3.50	30.89
9	53.162263	-0.656543	27.11	3.50	30.61
10	53.161516	-0.658324	26.25	3.50	29.75
11	53.158776	-0.654054	22.55	3.50	26.05
12	53.156879	-0.652104	18.45	3.50	21.95
13	53.156840	-0.650806	17.85	3.50	21.35
14	53.156634	-0.650474	16.75	3.50	20.25
15	53.155412	-0.650935	12.99	3.50	16.49
16	53.155245	-0.650441	12.47	3.50	15.97
17	53.154428	-0.650484	11.62	3.50	15.12
18	53.152317	-0.650581	10.82	3.50	14.32
19	53.151545	-0.650656	11.68	3.50	15.18
20	53.151481	-0.651761	11.49	3.50	14.99
21	53.151159	-0.651729	12.56	3.50	16.06
22	53.151178	-0.650924	12.32	3.50	15.82
23	53.150863	-0.650624	12.97	3.50	16.47
24	53.149042	-0.650581	13.39	3.50	16.89
25	53.149113	-0.652083	14.82	3.50	18.32
26	53.147459	-0.652115	10.92	3.50	14.42
27	53.147762	-0.654604	14.65	3.50	18.15
28	53.146730	-0.654770	11.29	3.50	14.79
29	53.146710	-0.654450	10.79	3.50	14.29
30	53.146660	-0.653930	9.99	3.50	13.49
31	53.146560	-0.653210	9.32	3.50	12.82
32	53.146500	-0.652650	9.65	3.50	13.15
33	53.146620	-0.652540	9.69	3.50	13.19
34	53.146670	-0.652330	9.64	3.50	13.14
35	53.146500	-0.650990	8.94	3.50	12.44
36	53.146830	-0.651060	9.07	3.50	12.57
37	53.147220	-0.650840	9.43	3.50	12.93
38	53.147530	-0.650195	9.95	3.50	13.45
39	53.148058	-0.647824	10.34	3.50	13.84
40	53.149293	-0.647502	11.75	3.50	15.25
41	53.149364	-0.647008	11.40	3.50	14.90
42	53.149004	-0.645163	9.84	3.50	13.34
43	53.149068	-0.644702	10.07	3.50	13.57
44	53.149589	-0.644659	10.09	3.50	13.59
45	53.150246	-0.645152	10.47	3.50	13.97
46	53.150709	-0.646118	10.77	3.50	14.27
47	53.150861	-0.646854	11.55	3.50	15.05
48	53.152186	-0.646683	10.55	3.50	14.05
49	53.152302	-0.648378	10.85	3.50	14.35
50	53.152559	-0.648356	11.03	3.50	14.53
51	53.152650	-0.647820	11.33	3.50	14.83
52	53.152843	-0.647562	10.51	3.50	14.01
53	53.152984	-0.648185	10.54	3.50	14.04
54	53.153396	-0.648850	10.72	3.50	14.22
55	53.153821	-0.649000	11.70	3.50	15.20
56	53.153821	-0.647176	11.57	3.50	15.07
57	53.157030	-0.647114	18.62	3.50	22.12
58	53.157911	-0.650923	21.21	3.50	24.71
59	53.159526	-0.650773	24.30	3.50	27.80
60	53.159841	-0.651545	25.93	3.50	29.43
61	53.160478	-0.652318	28.32	3.50	31.82
62	53.160542	-0.654142	27.00	3.50	30.50
63	53.161668	-0.654152	28.25	3.50	31.75
64	53.162003	-0.653691	27.32	3.50	30.82

65	53.161359	-0.652489	27.84	3.50	31.34
66	53.161314	-0.650848	28.23	3.50	31.73

Name: PV array 8
Footprint area: 15,661 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.149067	-0.644094	9.24	3.50	12.74
2	53.149505	-0.644029	9.82	3.50	13.32
3	53.149878	-0.644094	9.57	3.50	13.07
4	53.150888	-0.643353	9.27	3.50	12.77
5	53.150521	-0.642002	8.25	3.50	11.75
6	53.149871	-0.642806	8.50	3.50	12.00
7	53.149472	-0.642796	8.80	3.50	12.30
8	53.149215	-0.643192	8.74	3.50	12.24
9	53.149022	-0.644072	9.17	3.50	12.67

Name: PV array 9
Footprint area: 49,919 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.144980	-0.656700	12.95	3.50	16.45
2	53.143188	-0.656440	9.91	3.50	13.41
3	53.143170	-0.652900	8.94	3.50	12.44
4	53.143890	-0.652530	9.13	3.50	12.63
5	53.144200	-0.652530	9.20	3.50	12.70
6	53.144680	-0.653130	9.45	3.50	12.95
7	53.144910	-0.653050	9.39	3.50	12.89

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	53.159129	-0.646434	20.60	2.00	22.60
OP 2	53.158331	-0.647588	20.98	2.00	22.98
OP 3	53.157755	-0.657566	25.72	2.00	27.72
OP 4	53.152557	-0.681551	18.97	2.00	20.97
OP 5	53.152729	-0.681191	18.73	2.00	20.73
OP 6	53.152811	-0.680945	18.61	2.00	20.61
OP 7	53.150925	-0.668601	17.27	2.00	19.27
OP 8	53.149928	-0.668526	17.38	2.00	19.38
OP 9	53.149220	-0.667925	17.59	2.00	19.59
OP 10	53.149227	-0.665136	17.31	2.00	19.31
OP 11	53.150591	-0.661874	17.32	2.00	19.32
OP 12	53.151929	-0.658816	19.10	2.00	21.10
OP 13	53.152103	-0.656574	16.07	2.00	18.07
OP 14	53.152765	-0.655984	16.55	2.00	18.55
OP 15	53.155069	-0.655791	14.05	2.00	16.05
OP 16	53.154908	-0.653227	13.69	2.00	15.69
OP 17	53.154522	-0.652540	13.96	2.00	15.96
OP 18	53.153544	-0.652615	14.35	2.00	16.35
OP 19	53.152347	-0.653581	14.86	2.00	16.86
OP 20	53.151086	-0.653302	14.36	2.00	16.36
OP 21	53.150224	-0.653162	16.20	2.00	18.20
OP 22	53.149407	-0.652958	17.25	2.00	19.25
OP 23	53.149490	-0.656359	17.17	2.00	19.17
OP 24	53.149613	-0.659288	17.63	2.00	19.63
OP 25	53.149419	-0.662464	15.92	2.00	17.92
OP 26	53.148470	-0.662086	15.73	2.00	17.73
OP 27	53.147048	-0.661195	13.92	2.00	15.92
OP 28	53.145722	-0.660208	13.45	2.00	15.45
OP 29	56.144911	-0.659629	-69.74	2.00	-67.74
OP 30	53.144873	-0.661721	15.33	2.00	17.33
OP 31	53.144693	-0.663288	16.24	2.00	18.24
OP 32	53.145310	-0.663427	16.70	2.00	18.70
OP 33	53.145117	-0.665744	16.80	2.00	18.80
OP 34	53.145034	-0.667418	16.87	2.00	18.87
OP 35	53.146095	-0.668276	17.03	2.00	19.03
OP 36	53.147408	-0.668588	16.31	2.00	18.31
OP 37	53.157411	-0.633093	10.71	2.00	12.71
OP 38	53.156028	-0.634810	10.85	2.00	12.85
OP 39	53.156639	-0.630518	9.95	2.00	11.95
OP 40	53.155397	-0.632053	10.32	2.00	12.32
OP 41	53.153255	-0.627182	12.33	2.00	14.33
OP 42	53.149108	-0.631108	13.38	2.00	15.38
OP 43	53.150894	-0.628855	13.90	2.00	15.90
OP 44	53.151318	-0.627890	13.61	2.00	15.61
OP 45	53.151515	-0.625444	14.12	2.00	16.12
OP 46	53.153828	-0.619377	12.71	2.00	14.71
OP 47	53.153906	-0.622923	14.21	2.00	16.21
OP 48	53.153275	-0.621979	13.77	2.00	15.77
OP 49	53.152381	-0.621609	13.67	2.00	15.67
OP 50	53.153172	-0.618755	12.85	2.00	14.85
OP 51	53.152973	-0.616942	10.92	2.00	12.92
OP 52	53.151692	-0.617076	10.08	2.00	12.08
OP 53	53.151171	-0.616856	11.30	2.00	13.30
OP 54	53.142109	-0.671916	17.83	2.00	19.83
OP 55	53.142405	-0.669717	16.13	2.00	18.13
OP 56	53.145392	-0.644379	12.84	2.00	14.84
OP 57	53.145174	-0.643274	13.78	2.00	15.78
OP 58	53.144205	-0.643944	13.69	2.00	15.69
OP 59	53.142796	-0.646616	10.22	2.00	12.22
OP 60	53.142242	-0.646015	11.89	2.00	13.89
OP 61	53.141785	-0.645189	11.00	2.00	13.00
OP 62	53.142513	-0.643928	13.08	2.00	15.08
OP 63	53.140202	-0.645650	11.83	2.00	13.83

OP 64	53.139462	-0.645655	12.20	2.00	14.20
OP 65	53.136518	-0.639416	14.04	2.00	16.04
OP 66	53.139146	-0.632715	14.45	2.00	16.45
OP 67	53.138901	-0.631884	15.28	2.00	17.28
OP 68	53.138608	-0.628982	14.49	2.00	16.49
OP 69	53.140645	-0.607103	9.41	2.00	11.41
OP 70	53.140375	-0.606360	11.08	2.00	13.08
OP 71	53.137691	-0.608669	9.46	2.00	11.46
OP 72	53.135894	-0.632764	15.26	2.00	17.26
OP 73	53.135230	-0.633700	15.51	2.00	17.51
OP 74	53.134910	-0.632910	15.30	2.00	17.30
OP 75	53.134740	-0.630650	15.26	2.00	17.26
OP 76	53.134160	-0.622020	12.01	2.00	14.01
OP 77	53.134270	-0.656540	14.33	2.00	16.33
OP 78	53.134380	-0.647150	10.70	2.00	12.70
OP 79	53.133900	-0.640660	13.07	2.00	15.07
OP 80	53.134140	-0.639900	13.55	2.00	15.55

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
PV array 1	5.0	180.0	41,895	43	-	-
PV array 10	5.0	180.0	44,944	9,464	-	-
PV array 11	5.0	180.0	43,789	10,007	-	-
PV array 12	5.0	180.0	6,207	0	-	-
PV array 13	5.0	180.0	3,423	3,073	-	-
PV array 14	5.0	180.0	23,996	152	-	-
PV array 15	5.0	180.0	0	0	-	-
PV array 2	5.0	180.0	3,136	0	-	-
PV array 3	5.0	180.0	40,446	1,864	-	-
PV array 4	5.0	180.0	23,154	0	-	-
PV array 5	5.0	180.0	2,079	0	-	-
PV array 6	5.0	180.0	37,798	0	-	-
PV array 7	5.0	180.0	146,663	26,265	-	-
PV array 8	5.0	180.0	11,025	0	-	-
PV array 9	5.0	180.0	29,560	164	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
pv-array-1 (green)	0	0	0	197	464	566	522	315	4	0	0	0
pv-array-1 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-10 (green)	0	169	745	927	1277	1394	1338	1047	796	351	0	0
pv-array-10 (yellow)	0	0	99	623	725	756	758	674	260	2	0	0
pv-array-11 (green)	0	0	537	942	1171	1207	1215	1036	749	34	0	0
pv-array-11 (yellow)	0	0	95	377	440	319	396	445	179	0	0	0
pv-array-12 (green)	0	0	225	610	269	0	78	624	399	0	0	0
pv-array-12 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-13 (green)	0	0	330	334	121	116	107	224	479	2	0	0
pv-array-13 (yellow)	0	0	10	278	629	640	654	447	20	0	0	0
pv-array-14 (green)	0	0	169	1320	1907	2004	2038	1550	464	0	0	0
pv-array-14 (yellow)	0	0	0	0	0	142	10	0	0	0	0	0
pv-array-2 (green)	0	0	0	0	57	513	195	0	0	0	0	0
pv-array-2 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-3 (green)	0	0	133	656	760	1097	903	705	310	0	0	0
pv-array-3 (yellow)	0	0	0	36	226	326	230	96	0	0	0	0
pv-array-4 (green)	0	0	0	58	398	985	609	142	0	0	0	0
pv-array-4 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-5 (green)	0	0	0	0	23	522	152	0	0	0	0	0
pv-array-5 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-6 (green)	0	0	0	184	740	978	865	346	16	0	0	0
pv-array-6 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-7 (green)	479	454	982	1646	1956	2038	2003	1796	1285	479	455	403
pv-array-7 (yellow)	79	352	73	87	170	192	175	106	57	294	181	0
pv-array-8 (green)	0	0	206	812	1067	757	1010	896	421	0	0	0
pv-array-8 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-9 (green)	0	0	175	791	731	729	731	808	377	0	0	0
pv-array-9 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

PV array 1 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	2050	7
OP: OP 2	1936	36
OP: OP 3	1320	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	881	0

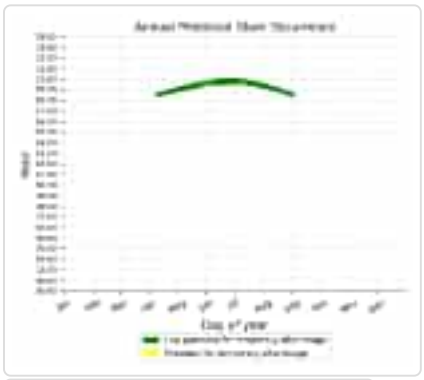
OP: OP 16	1054	0
OP: OP 17	1069	0
OP: OP 18	814	0
OP: OP 19	29	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	1810	0
OP: OP 38	1963	0
OP: OP 39	1817	0
OP: OP 40	1955	0
OP: OP 41	1882	0
OP: OP 42	1382	0
OP: OP 43	1678	0
OP: OP 44	1733	0
OP: OP 45	1793	0
OP: OP 46	1425	0
OP: OP 47	1589	0
OP: OP 48	1741	0
OP: OP 49	1855	0
OP: OP 50	1543	0
OP: OP 51	1298	0
OP: OP 52	1706	0
OP: OP 53	1755	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	1377	0

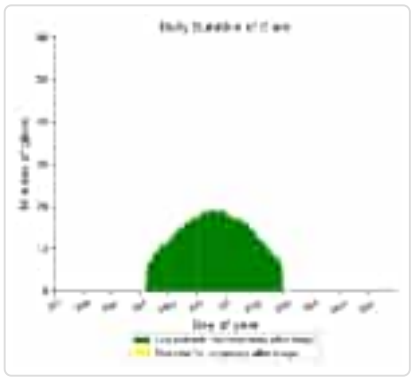
OP: OP 70	1374	0
OP: OP 71	1066	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

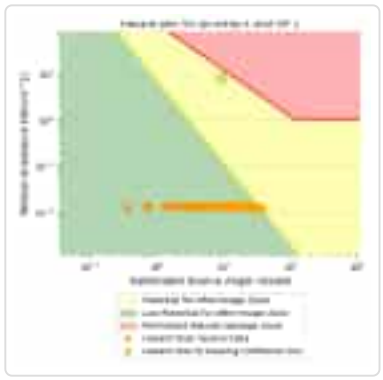
PV array 1: OP 1

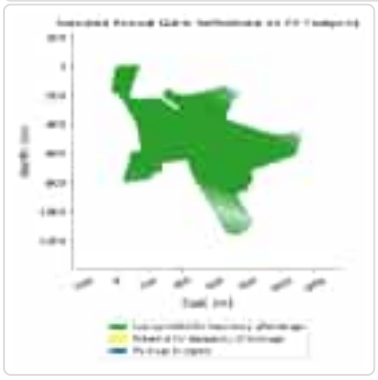
PV array is expected to produce the following glare for this receptor:

- 2,050 minutes of "green" glare with low potential to cause temporary after-image.
- 7 minutes of "yellow" glare with potential to cause temporary after-image.





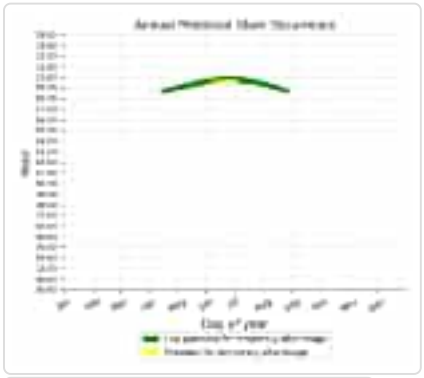


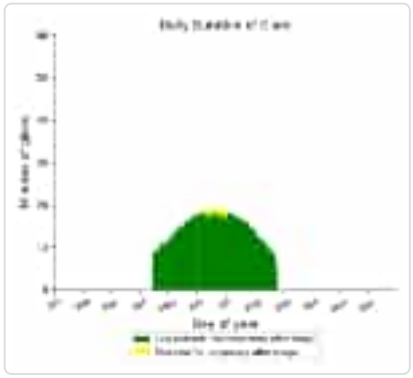


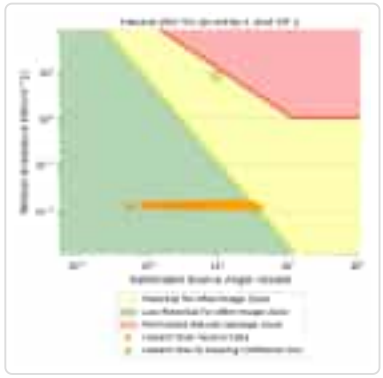
PV array 1: OP 2

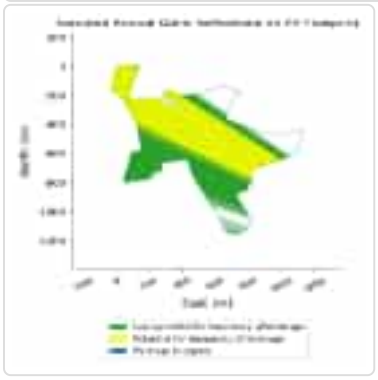
PV array is expected to produce the following glare for this receptor:

- 1,936 minutes of "green" glare with low potential to cause temporary after-image.
- 36 minutes of "yellow" glare with potential to cause temporary after-image.





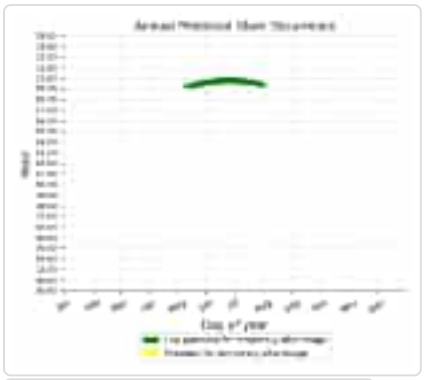


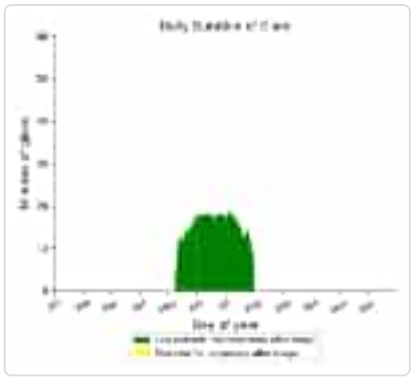


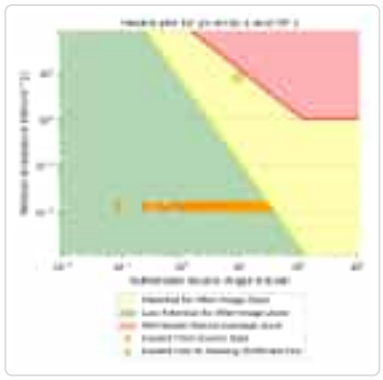
PV array 1: OP 3

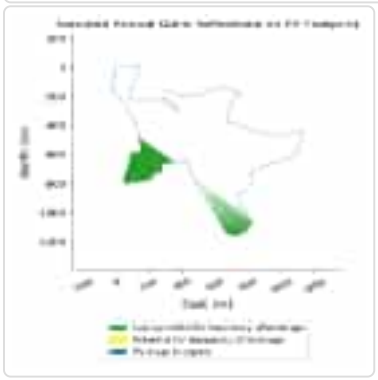
PV array is expected to produce the following glare for this receptor:

- 1,320 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 4

No glare found

PV array 1: OP 5

No glare found

PV array 1: OP 6

No glare found

PV array 1: OP 7

No glare found

PV array 1: OP 8

No glare found

PV array 1: OP 9

No glare found

PV array 1: OP 10

No glare found

PV array 1: OP 11

No glare found

PV array 1: OP 12

No glare found

PV array 1: OP 13

No glare found

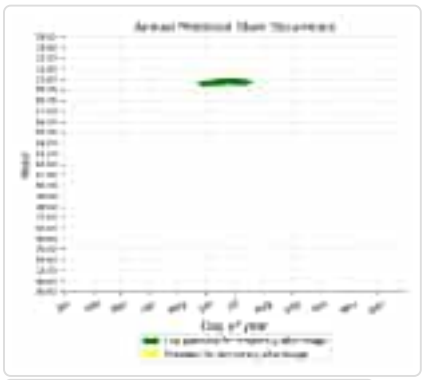
PV array 1: OP 14

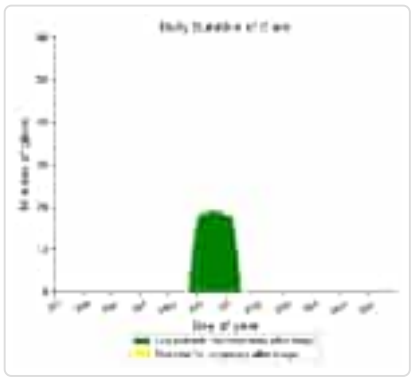
No glare found

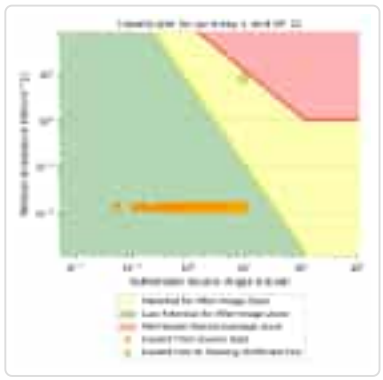
PV array 1: OP 15

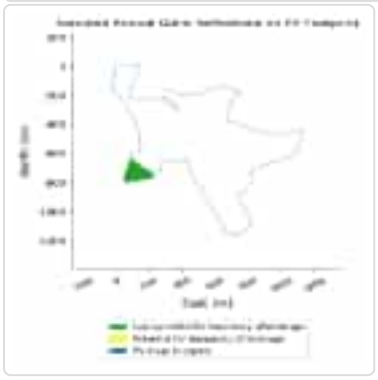
PV array is expected to produce the following glare for this receptor:

- 881 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





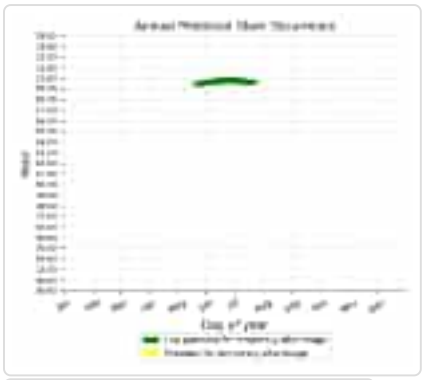


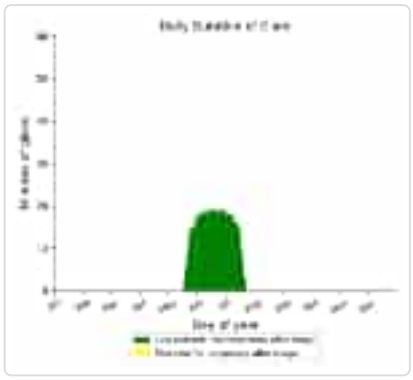


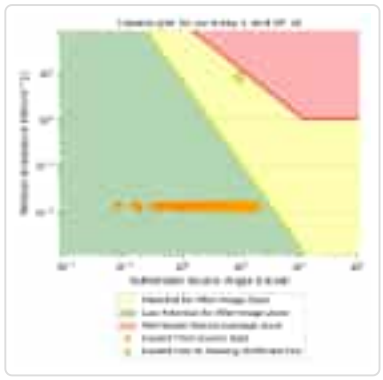
PV array 1: OP 16

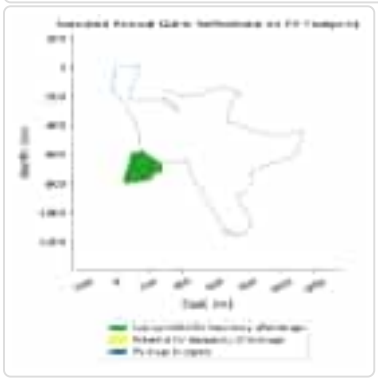
PV array is expected to produce the following glare for this receptor:

- 1,054 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





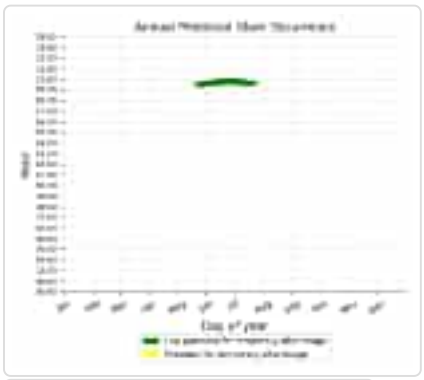


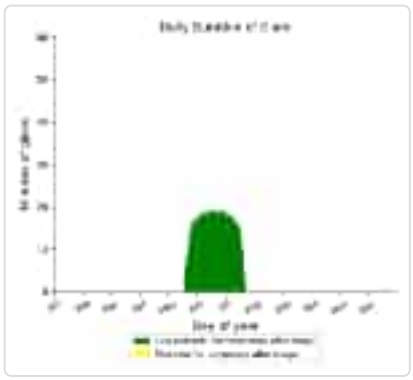


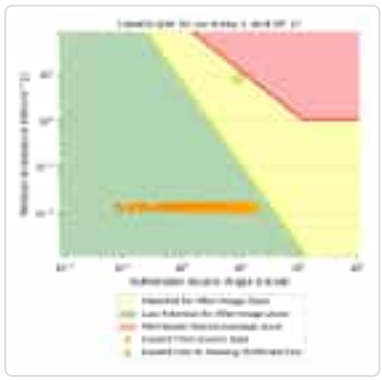
PV array 1: OP 17

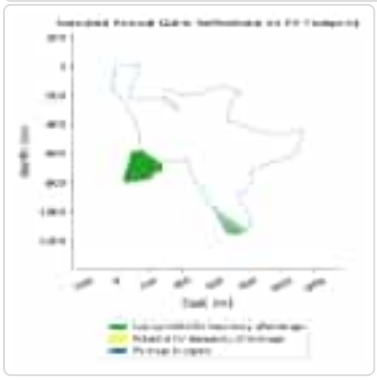
PV array is expected to produce the following glare for this receptor:

- 1,069 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





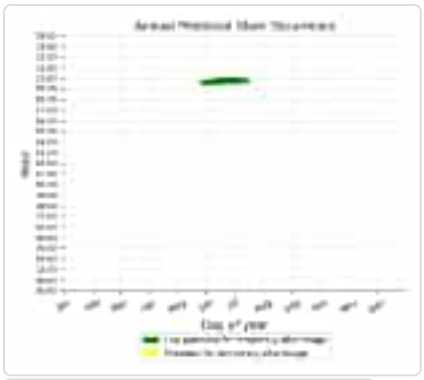


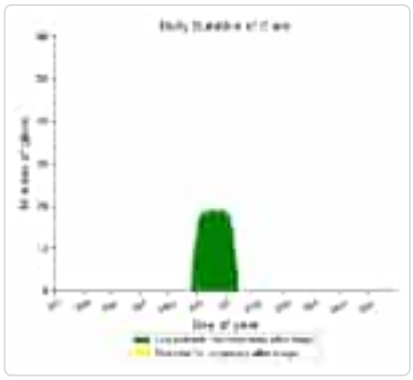


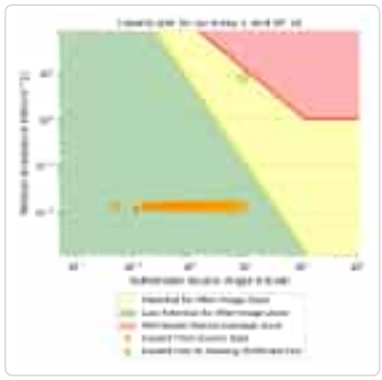
PV array 1: OP 18

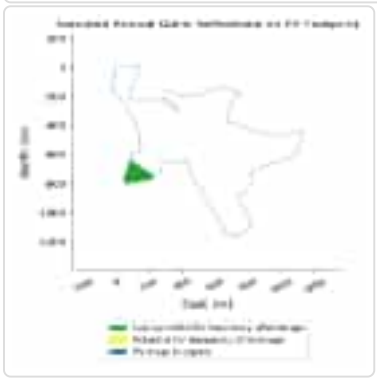
PV array is expected to produce the following glare for this receptor:

- 814 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





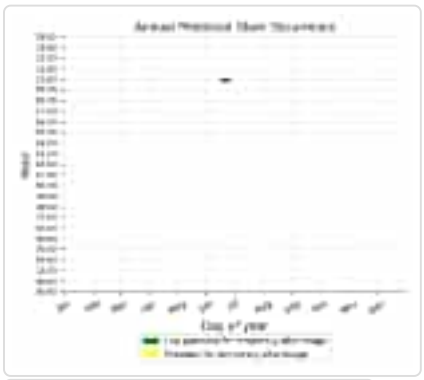


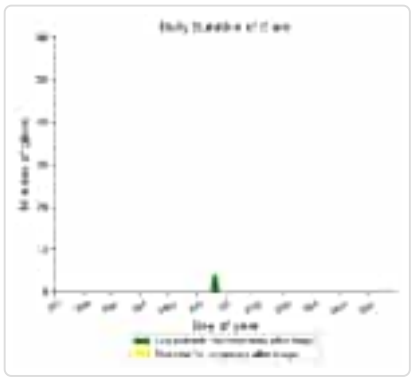


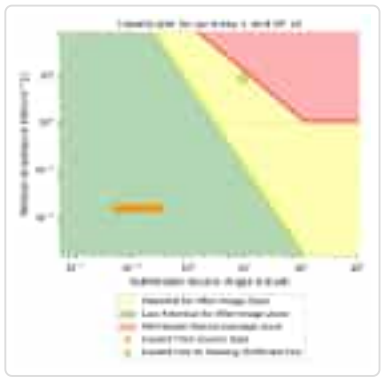
PV array 1: OP 19

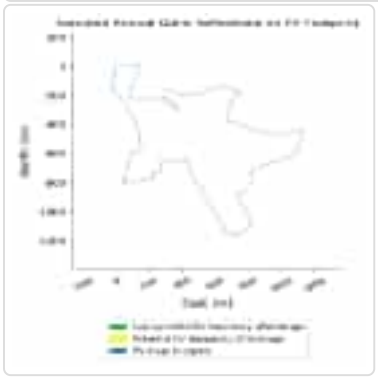
PV array is expected to produce the following glare for this receptor:

- 29 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 20

No glare found

PV array 1: OP 21

No glare found

PV array 1: OP 22

No glare found

PV array 1: OP 23

No glare found

PV array 1: OP 24

No glare found

PV array 1: OP 25

No glare found

PV array 1: OP 26

No glare found

PV array 1: OP 27

No glare found

PV array 1: OP 28

No glare found

PV array 1: OP 29

No glare found

PV array 1: OP 30

No glare found

PV array 1: OP 31

No glare found

PV array 1: OP 32

No glare found

PV array 1: OP 33

No glare found

PV array 1: OP 34

No glare found

PV array 1: OP 35

No glare found

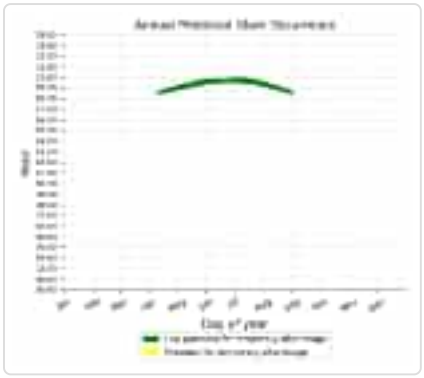
PV array 1: OP 36

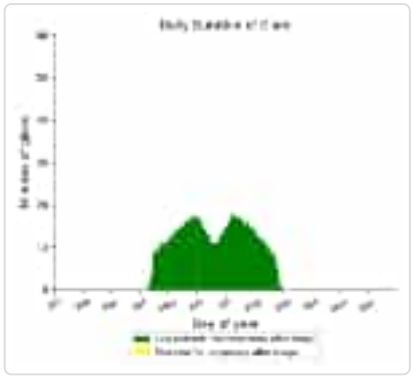
No glare found

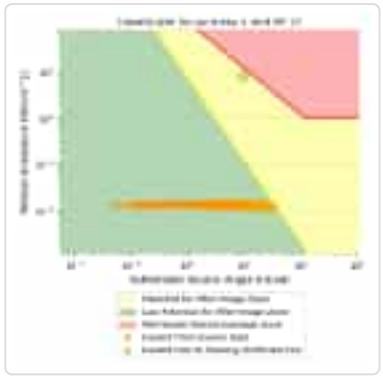
PV array 1: OP 37

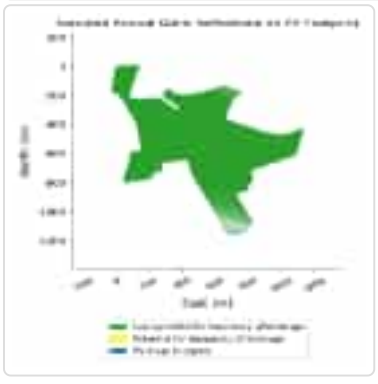
PV array is expected to produce the following glare for this receptor:

- 1,810 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





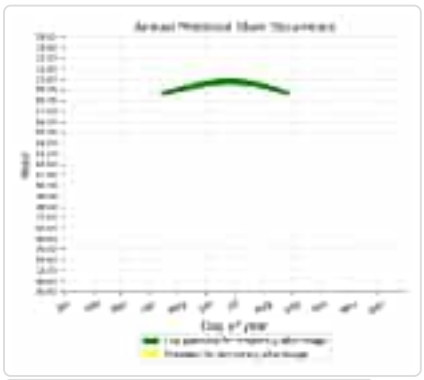


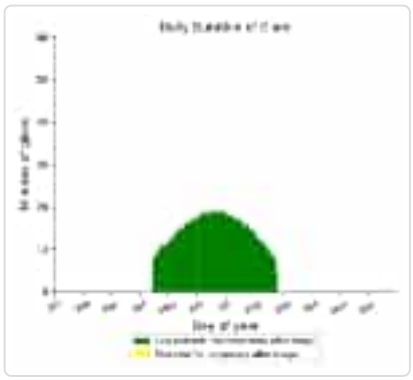


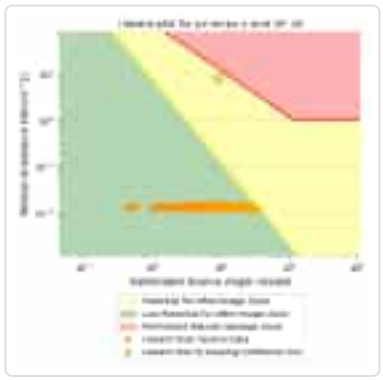
PV array 1: OP 38

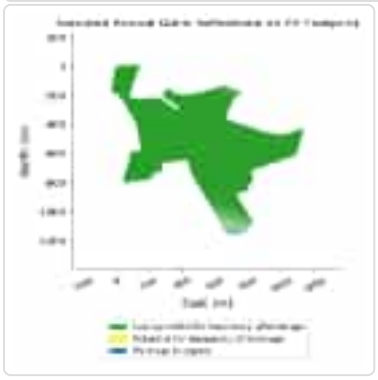
PV array is expected to produce the following glare for this receptor:

- 1,963 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





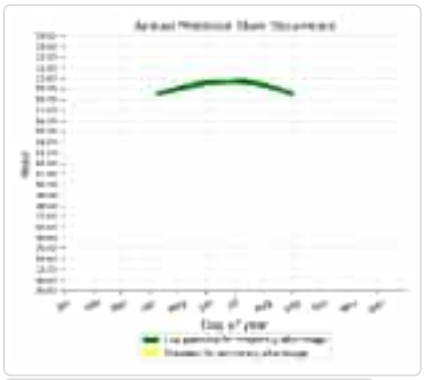


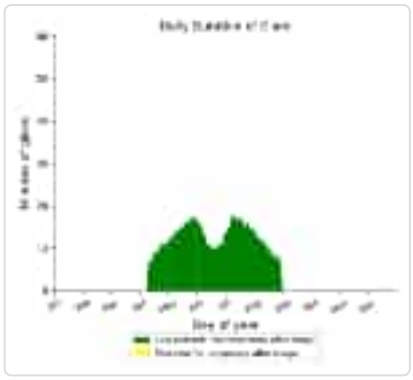


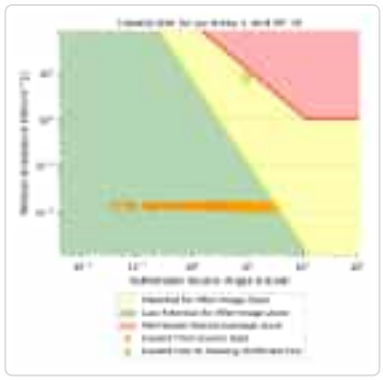
PV array 1: OP 39

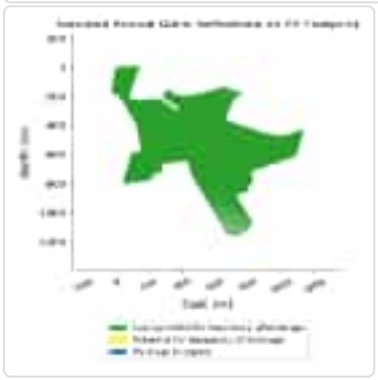
PV array is expected to produce the following glare for this receptor:

- 1,817 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





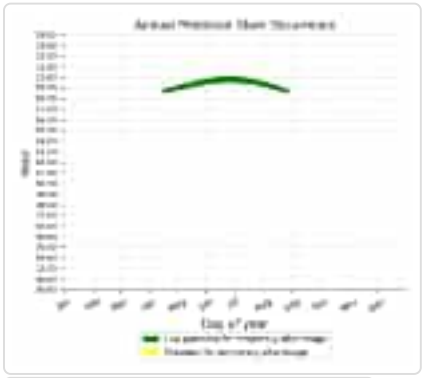


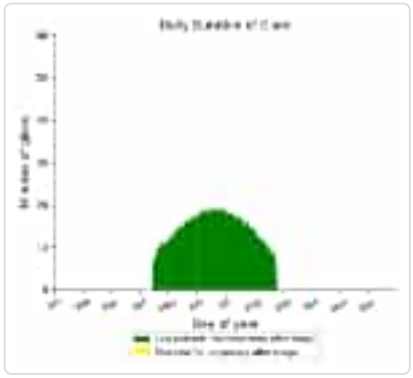


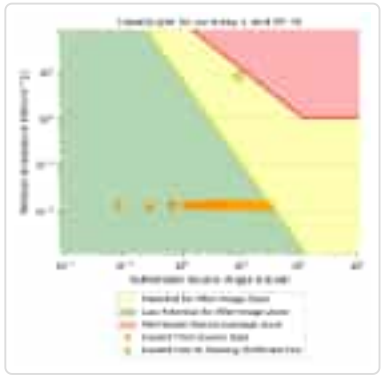
PV array 1: OP 40

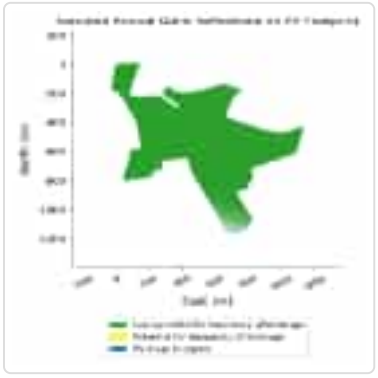
PV array is expected to produce the following glare for this receptor:

- 1,955 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





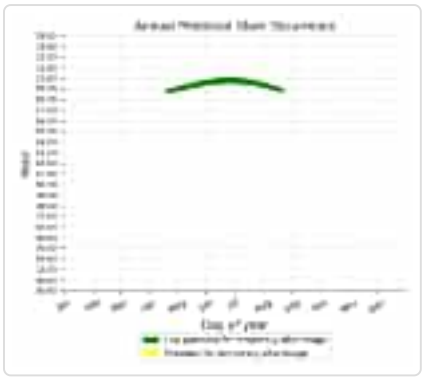


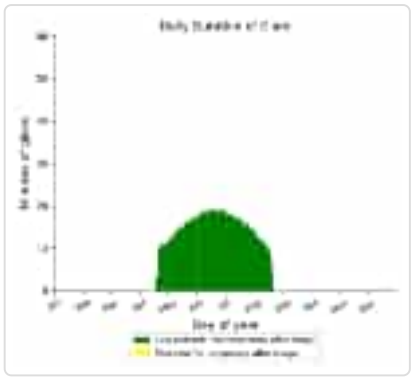


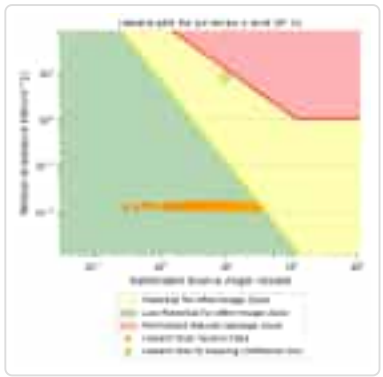
PV array 1: OP 41

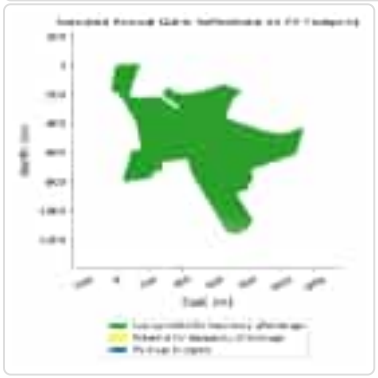
PV array is expected to produce the following glare for this receptor:

- 1,882 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





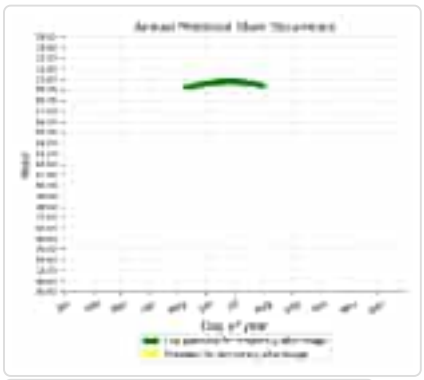


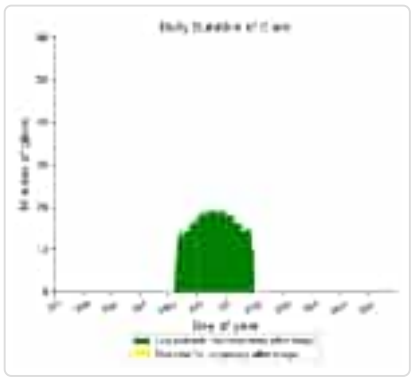


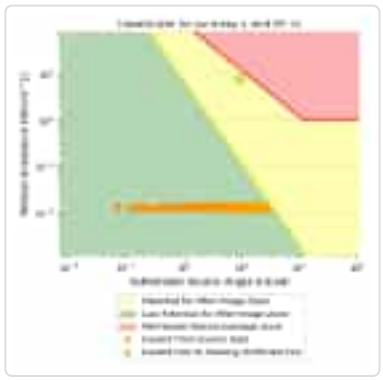
PV array 1: OP 42

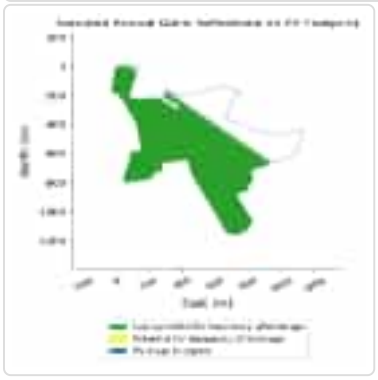
PV array is expected to produce the following glare for this receptor:

- 1,382 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





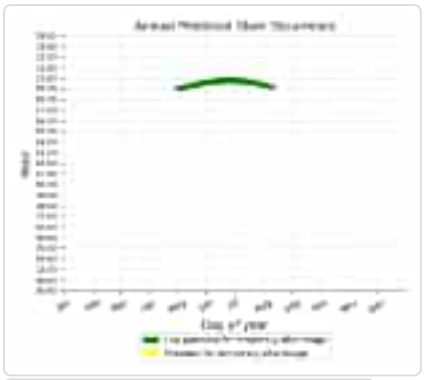


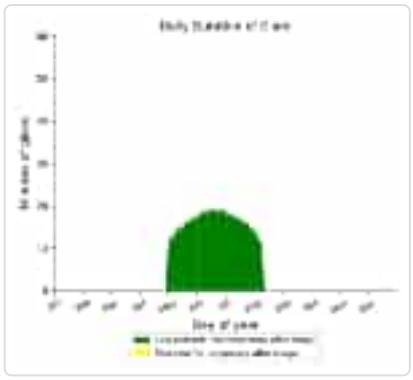


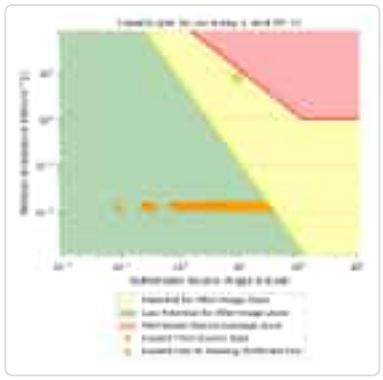
PV array 1: OP 43

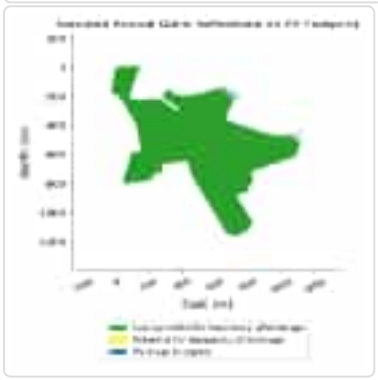
PV array is expected to produce the following glare for this receptor:

- 1,678 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





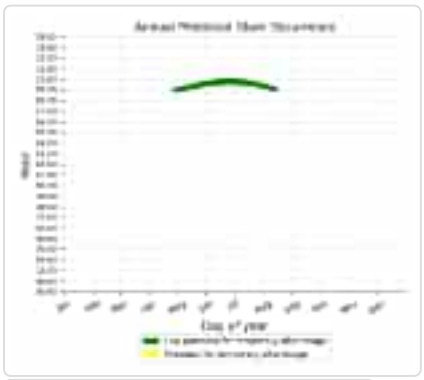


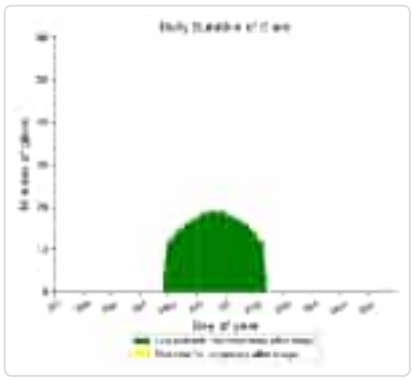


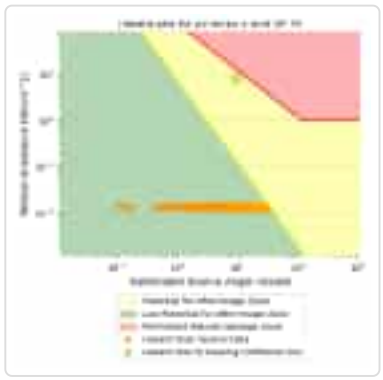
PV array 1: OP 44

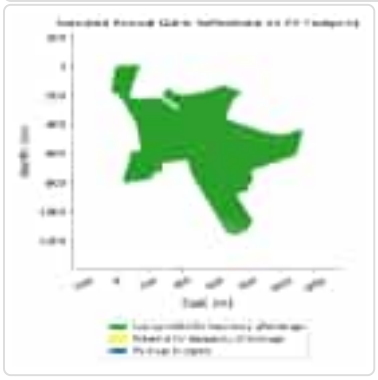
PV array is expected to produce the following glare for this receptor:

- 1,733 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





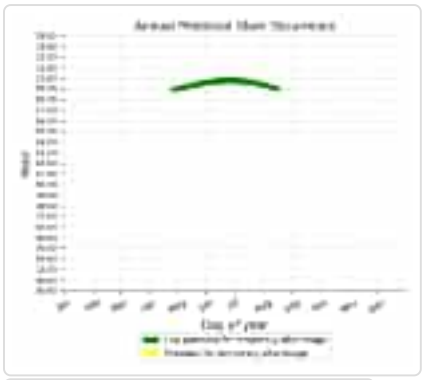


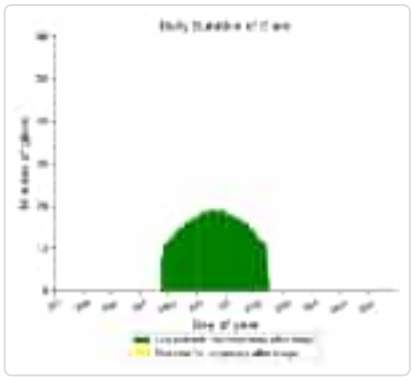


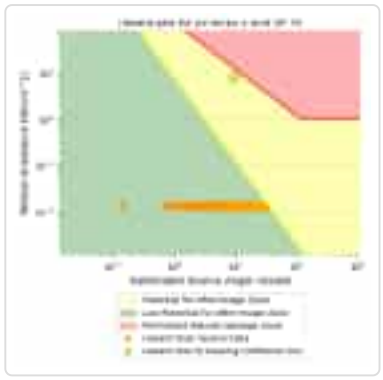
PV array 1: OP 45

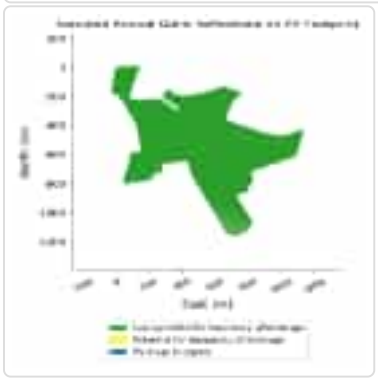
PV array is expected to produce the following glare for this receptor:

- 1,793 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





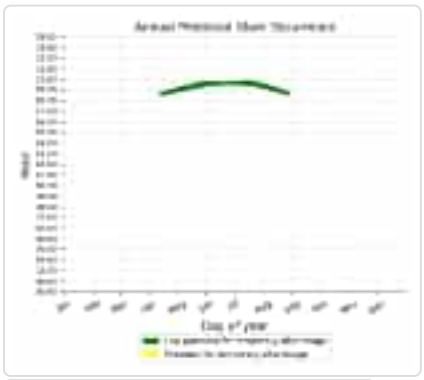


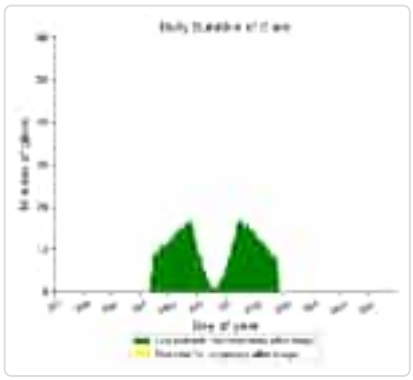


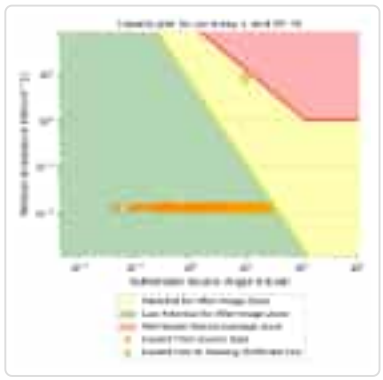
PV array 1: OP 46

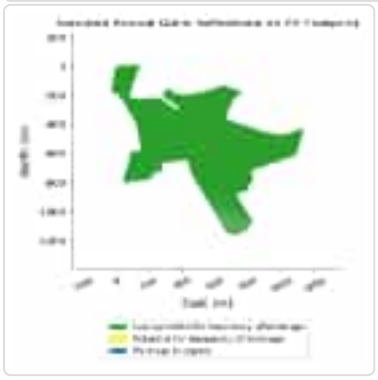
PV array is expected to produce the following glare for this receptor:

- 1,425 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





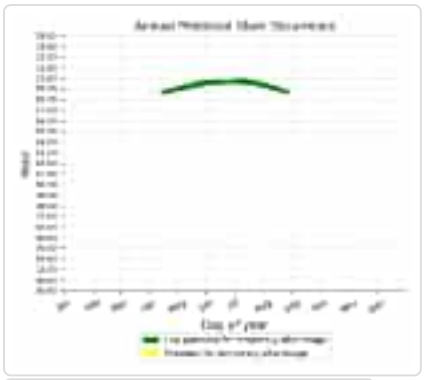


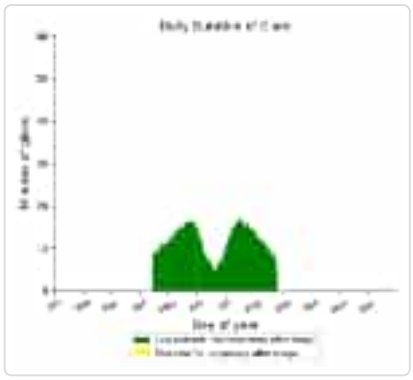


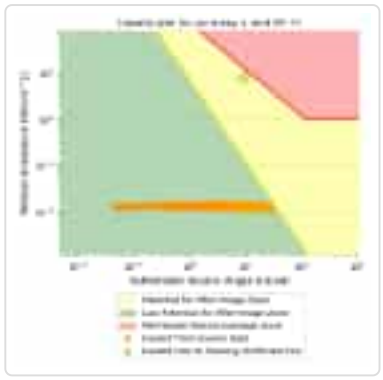
PV array 1: OP 47

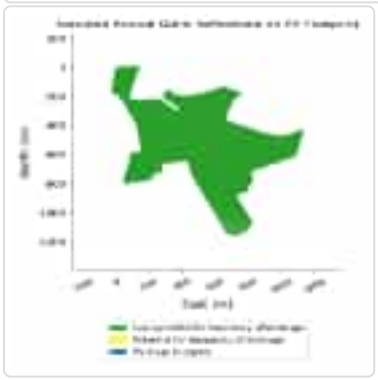
PV array is expected to produce the following glare for this receptor:

- 1,589 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





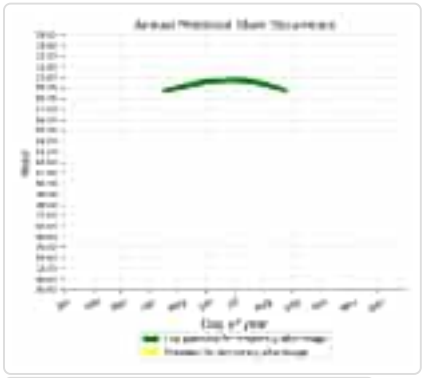


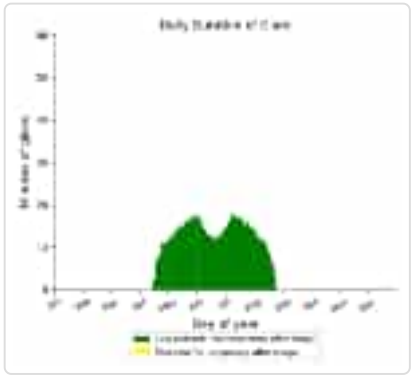


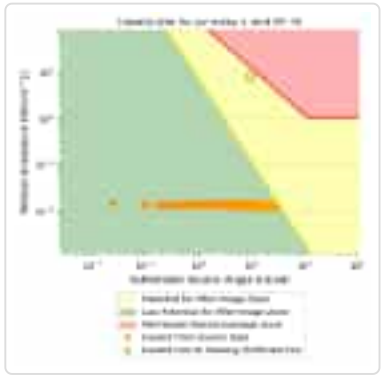
PV array 1: OP 48

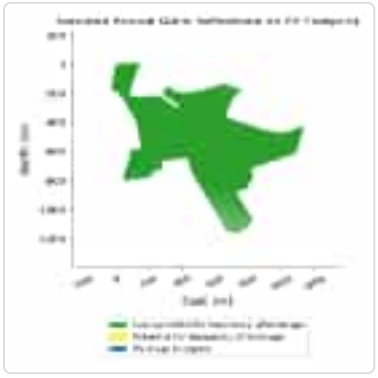
PV array is expected to produce the following glare for this receptor:

- 1,741 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





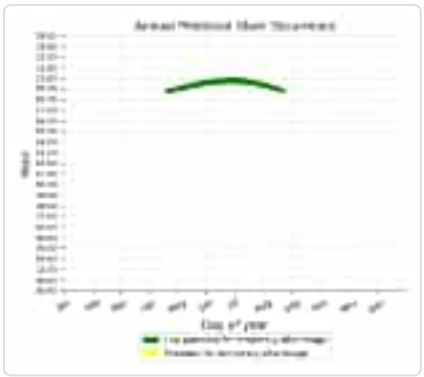


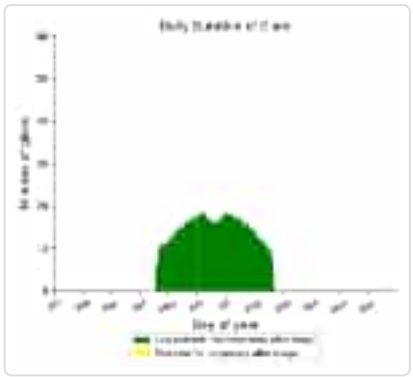


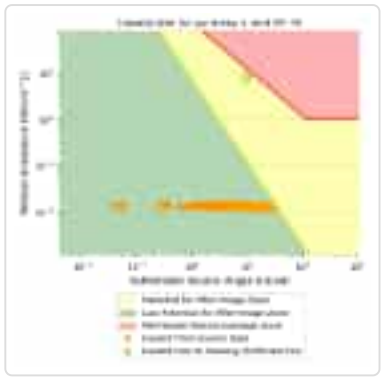
PV array 1: OP 49

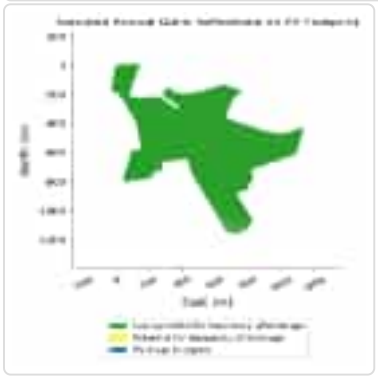
PV array is expected to produce the following glare for this receptor:

- 1,855 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





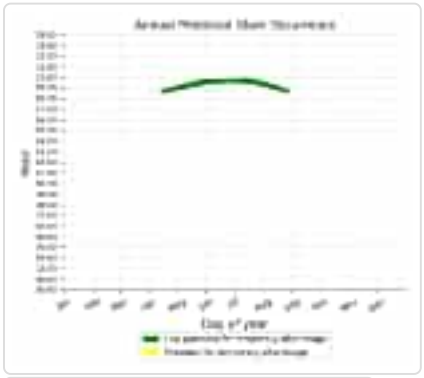


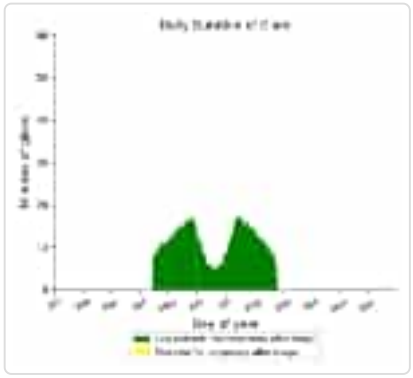


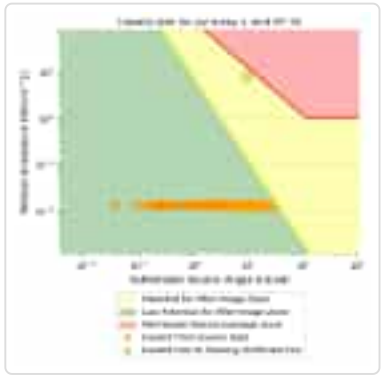
PV array 1: OP 50

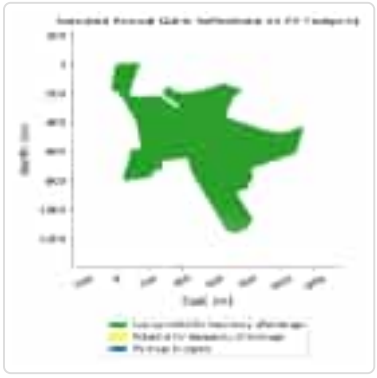
PV array is expected to produce the following glare for this receptor:

- 1,543 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





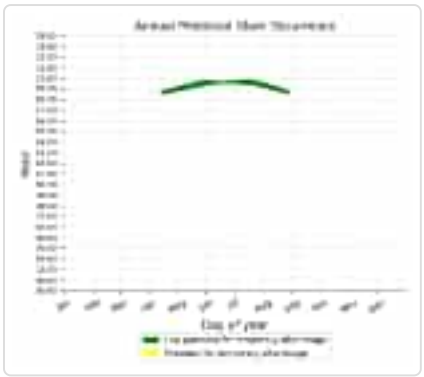


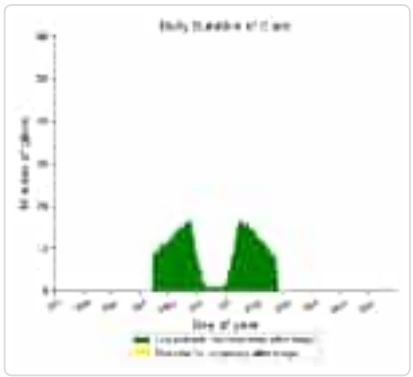


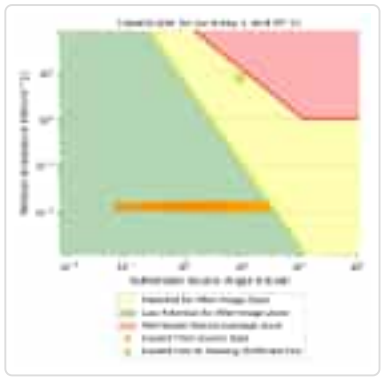
PV array 1: OP 51

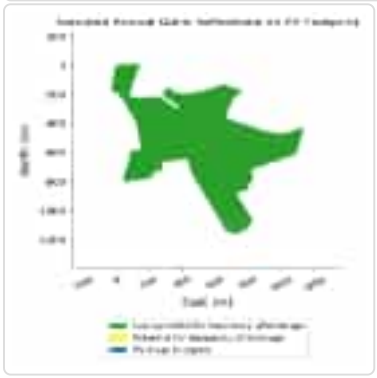
PV array is expected to produce the following glare for this receptor:

- 1,298 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





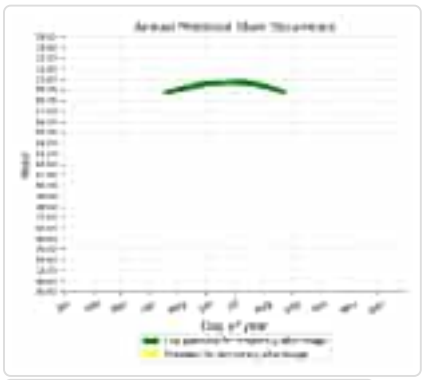


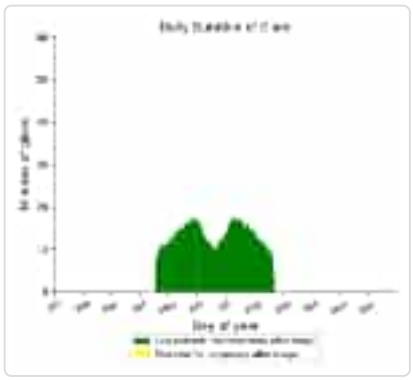


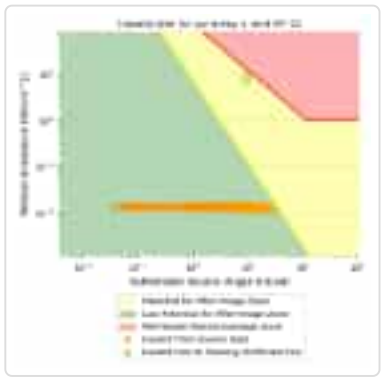
PV array 1: OP 52

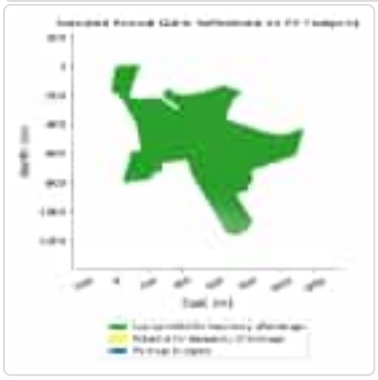
PV array is expected to produce the following glare for this receptor:

- 1,706 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





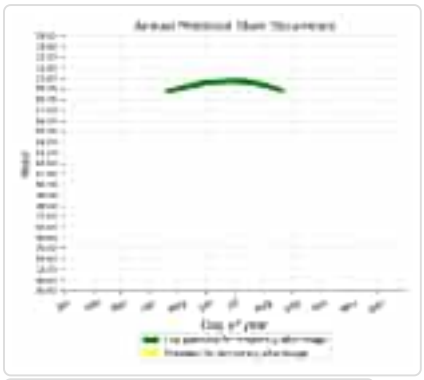


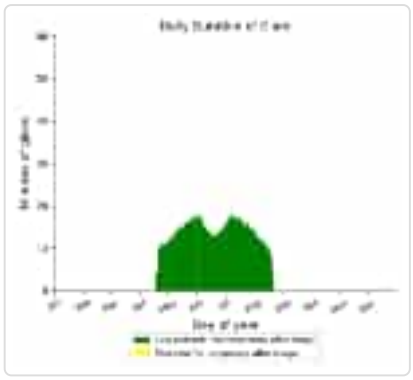


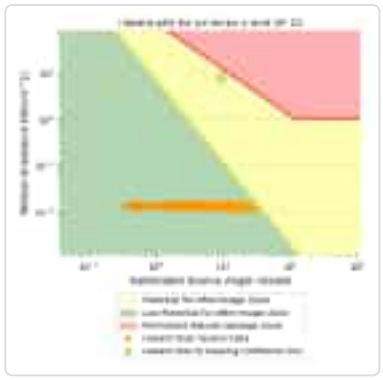
PV array 1: OP 53

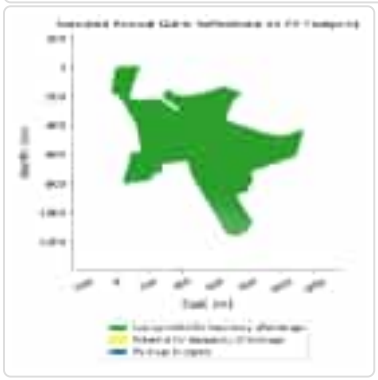
PV array is expected to produce the following glare for this receptor:

- 1,755 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 54

No glare found

PV array 1: OP 55

No glare found

PV array 1: OP 56

No glare found

PV array 1: OP 57

No glare found

PV array 1: OP 58

No glare found

PV array 1: OP 59

No glare found

PV array 1: OP 60

No glare found

PV array 1: OP 61

No glare found

PV array 1: OP 62

No glare found

PV array 1: OP 63

No glare found

PV array 1: OP 64

No glare found

PV array 1: OP 65

No glare found

PV array 1: OP 66

No glare found

PV array 1: OP 67

No glare found

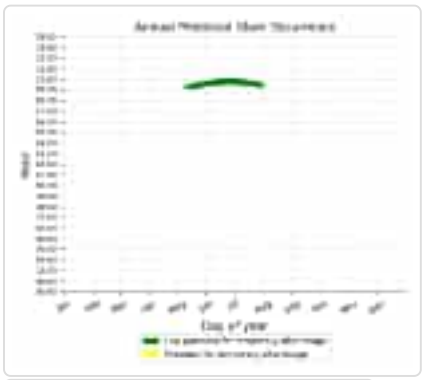
PV array 1: OP 68

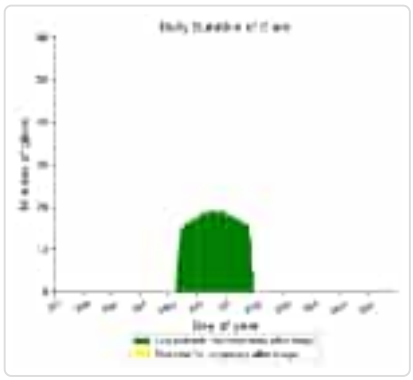
No glare found

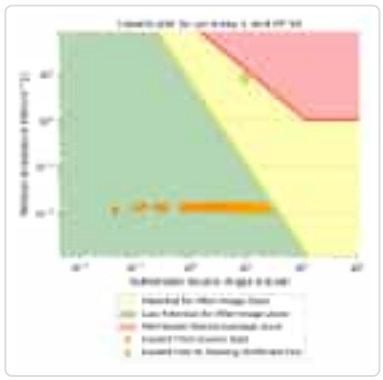
PV array 1: OP 69

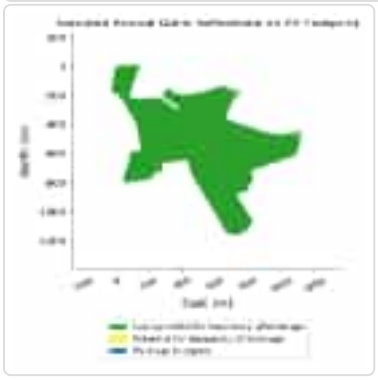
PV array is expected to produce the following glare for this receptor:

- 1,377 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





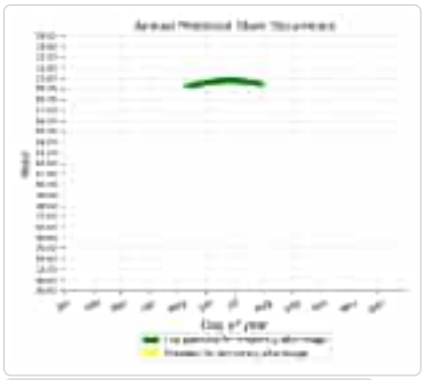


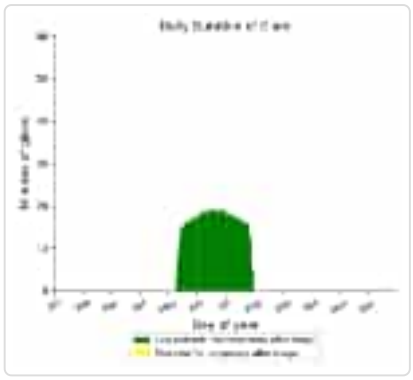


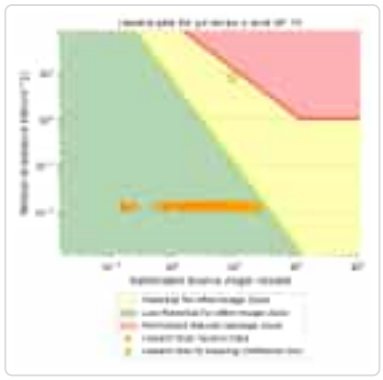
PV array 1: OP 70

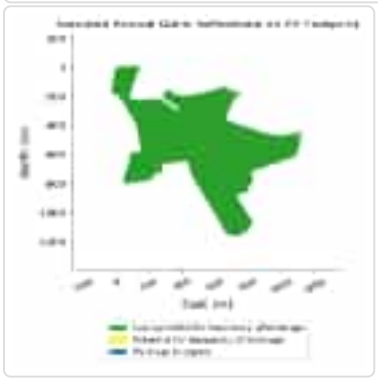
PV array is expected to produce the following glare for this receptor:

- 1,374 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





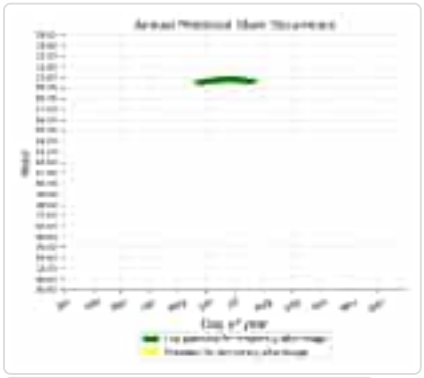


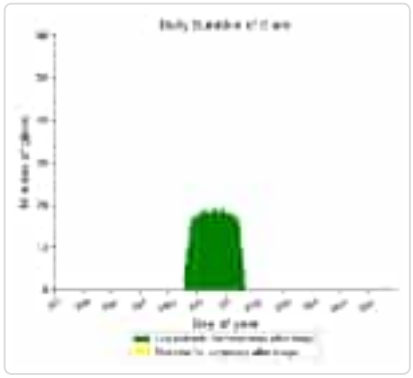


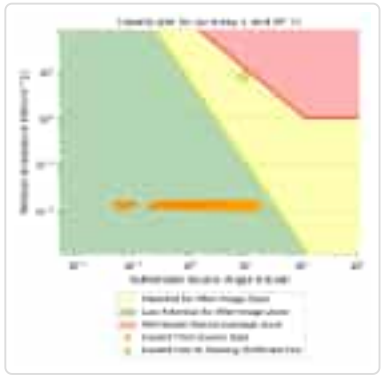
PV array 1: OP 71

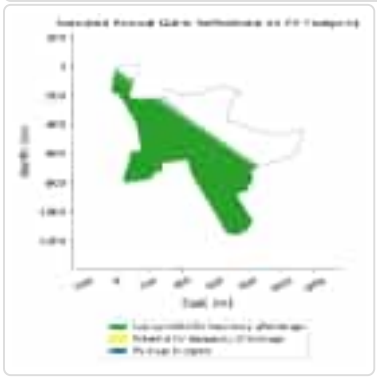
PV array is expected to produce the following glare for this receptor:

- 1,066 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 72

No glare found

PV array 1: OP 73

No glare found

PV array 1: OP 74

No glare found

PV array 1: OP 75

No glare found

PV array 1: OP 76

No glare found

PV array 1: OP 77

No glare found

PV array 1: OP 78

No glare found

PV array 1: OP 79

No glare found

PV array 1: OP 80

No glare found

PV array 10 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	19	0
OP: OP 8	306	0
OP: OP 9	559	0
OP: OP 10	568	0
OP: OP 11	191	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	544	0
OP: OP 22	883	0
OP: OP 23	688	0
OP: OP 24	586	0
OP: OP 25	558	0
OP: OP 26	794	0
OP: OP 27	966	0
OP: OP 28	1468	0
OP: OP 29	0	0
OP: OP 30	1741	0
OP: OP 31	1662	0
OP: OP 32	1637	0
OP: OP 33	1464	0
OP: OP 34	1372	0
OP: OP 35	1177	0
OP: OP 36	887	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	2033	4163
OP: OP 43	456	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0

OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	1708	0
OP: OP 55	1793	0
OP: OP 56	1934	2020
OP: OP 57	2032	1929
OP: OP 58	2549	1351
OP: OP 59	1712	0
OP: OP 60	2327	0
OP: OP 61	1764	0
OP: OP 62	2556	1
OP: OP 63	1081	0
OP: OP 64	446	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	1486	0
OP: OP 70	1537	0
OP: OP 71	1360	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	100	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

PV array 10: OP 1

No glare found

PV array 10: OP 2

No glare found

PV array 10: OP 3

No glare found

PV array 10: OP 4

No glare found

PV array 10: OP 5

No glare found

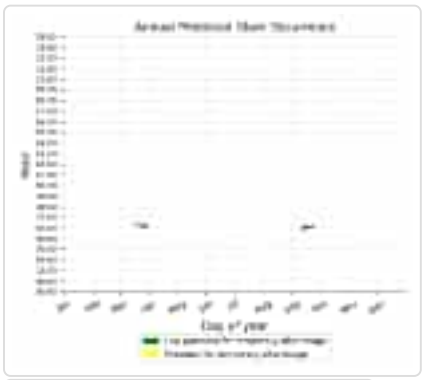
PV array 10: OP 6

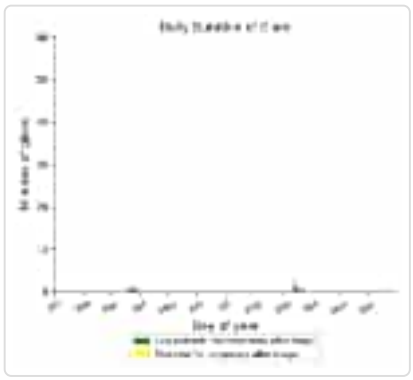
No glare found

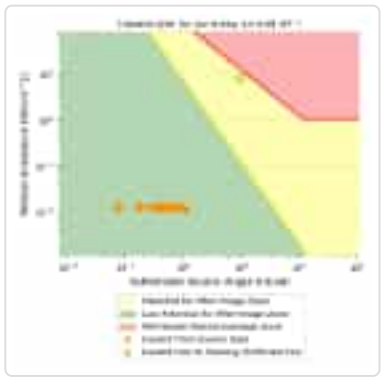
PV array 10: OP 7

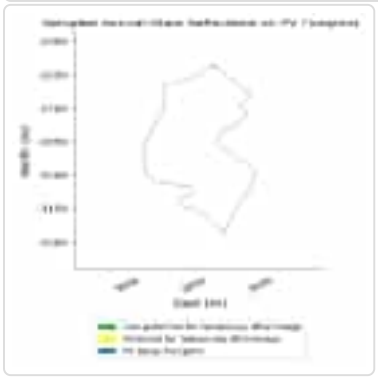
PV array is expected to produce the following glare for this receptor:

- 19 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





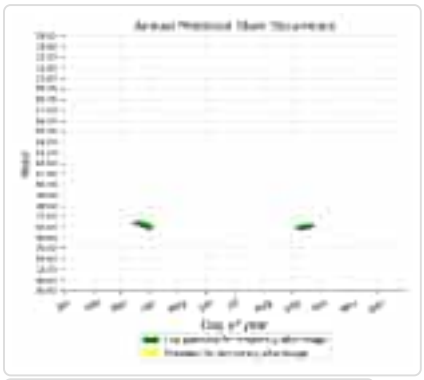


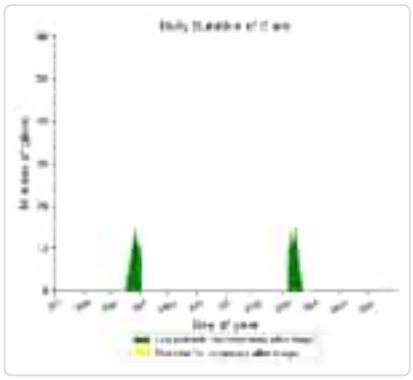


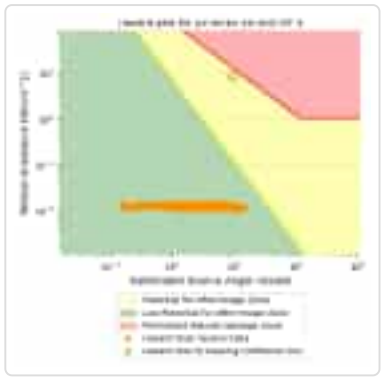
PV array 10: OP 8

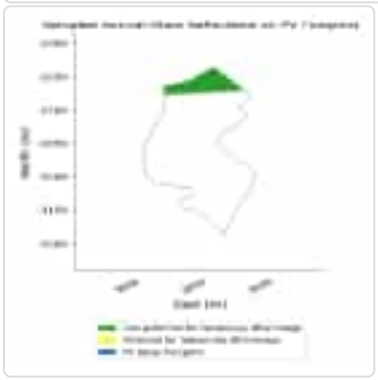
PV array is expected to produce the following glare for this receptor:

- 306 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





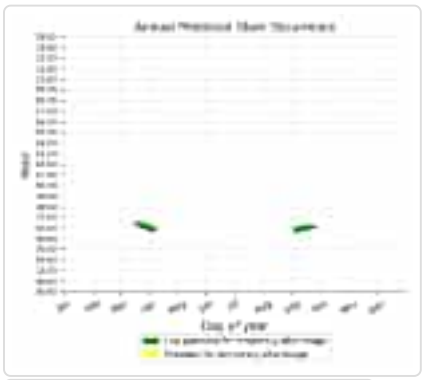


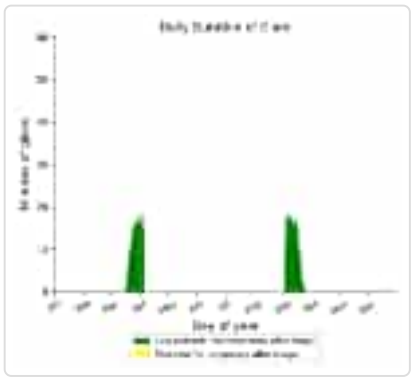


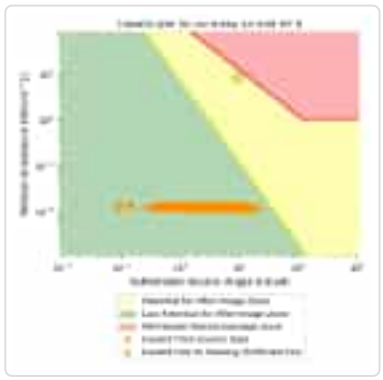
PV array 10: OP 9

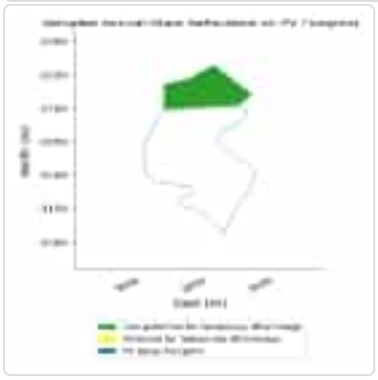
PV array is expected to produce the following glare for this receptor:

- 559 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





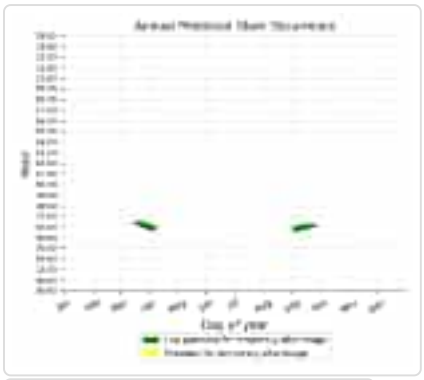


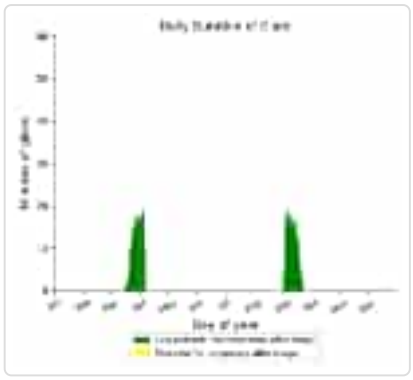


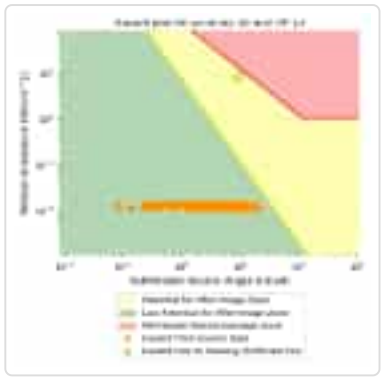
PV array 10: OP 10

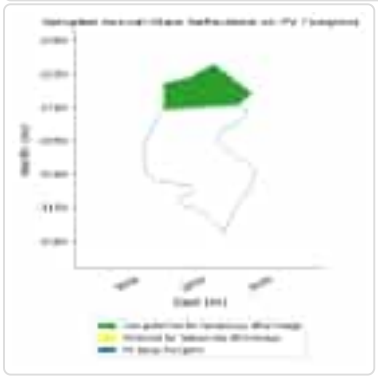
PV array is expected to produce the following glare for this receptor:

- 568 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





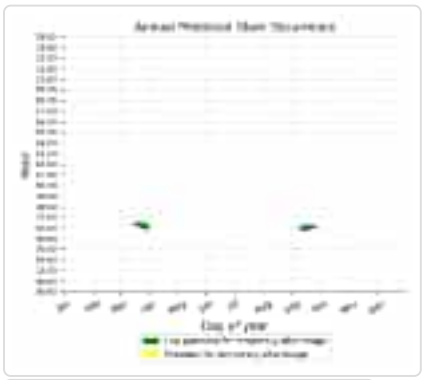


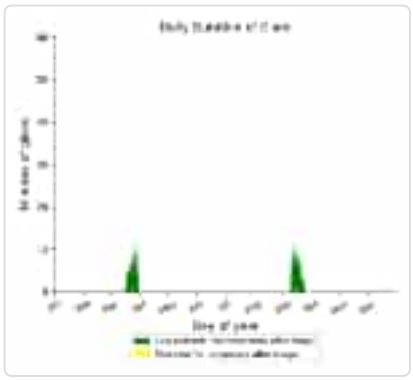


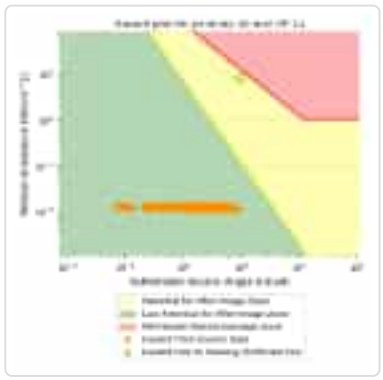
PV array 10: OP 11

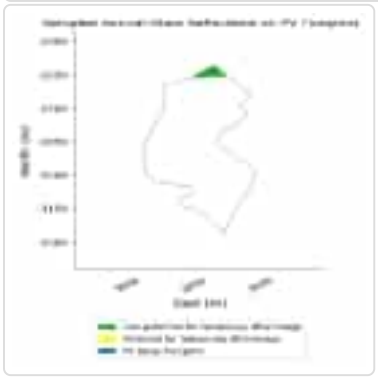
PV array is expected to produce the following glare for this receptor:

- 191 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 12

No glare found

PV array 10: OP 13

No glare found

PV array 10: OP 14

No glare found

PV array 10: OP 15

No glare found

PV array 10: OP 16

No glare found

PV array 10: OP 17

No glare found

PV array 10: OP 18

No glare found

PV array 10: OP 19

No glare found

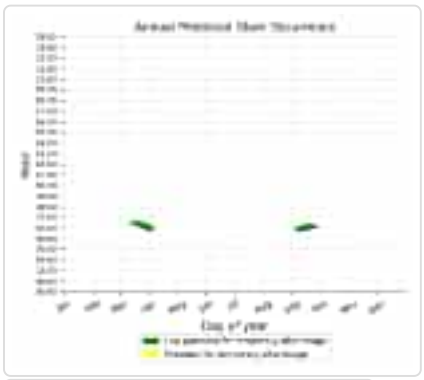
PV array 10: OP 20

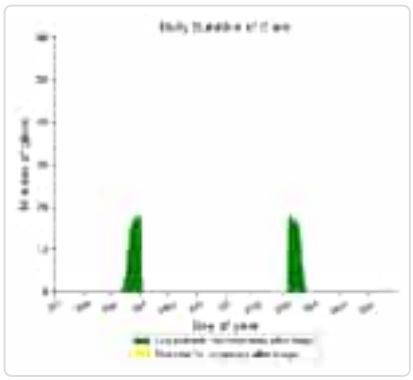
No glare found

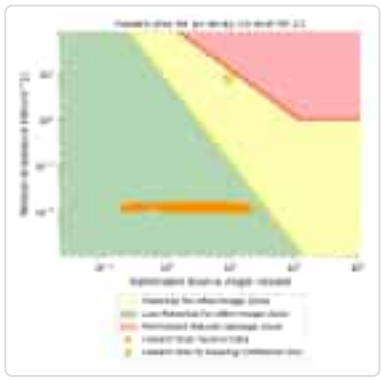
PV array 10: OP 21

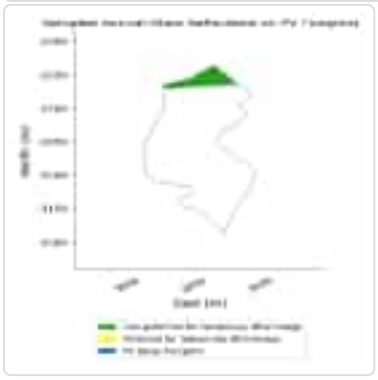
PV array is expected to produce the following glare for this receptor:

- 544 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





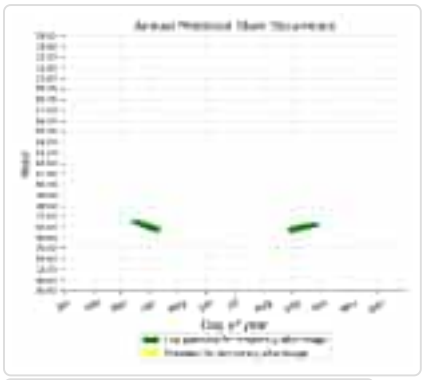


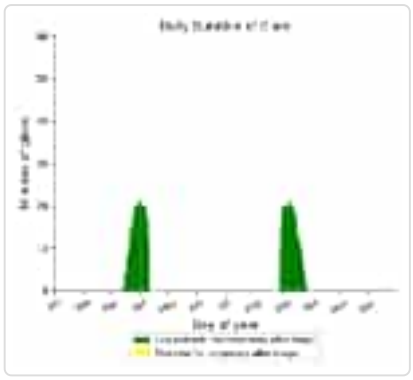


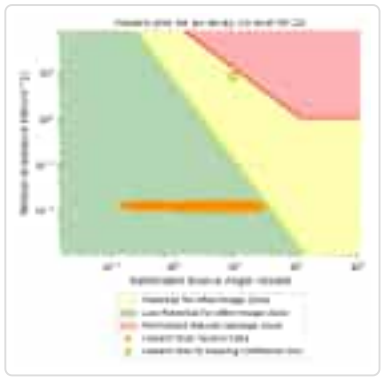
PV array 10: OP 22

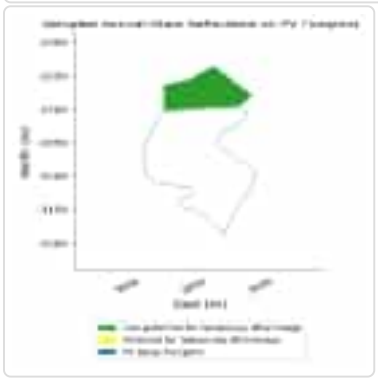
PV array is expected to produce the following glare for this receptor:

- 883 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





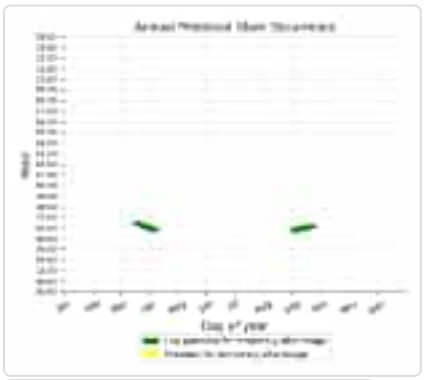


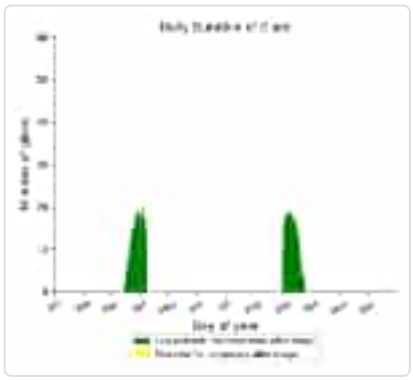


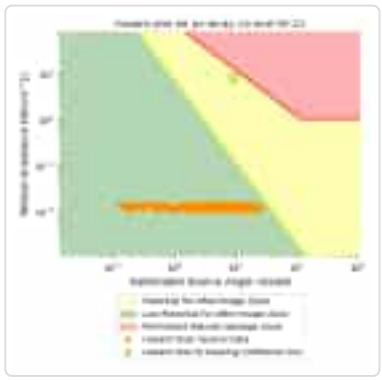
PV array 10: OP 23

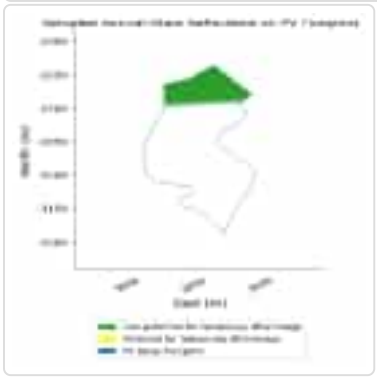
PV array is expected to produce the following glare for this receptor:

- 688 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





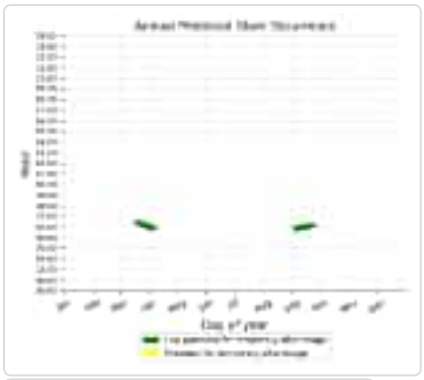


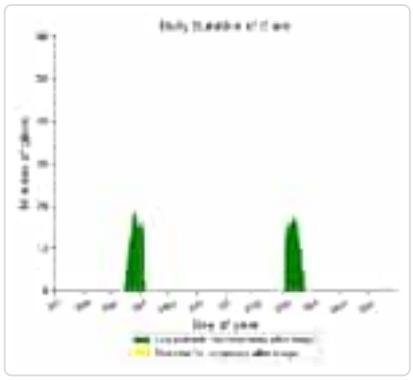


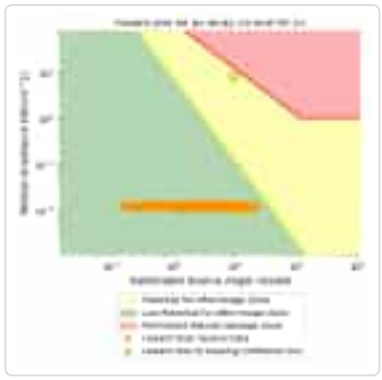
PV array 10: OP 24

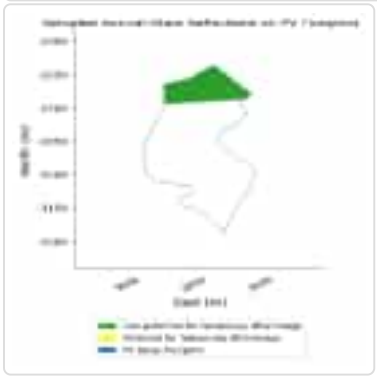
PV array is expected to produce the following glare for this receptor:

- 586 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





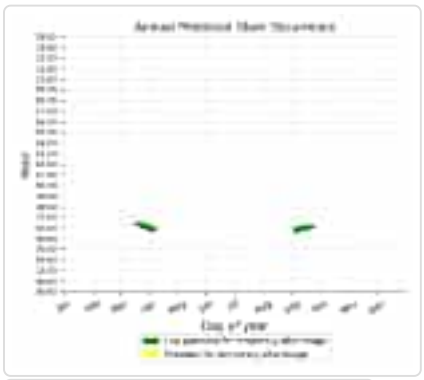


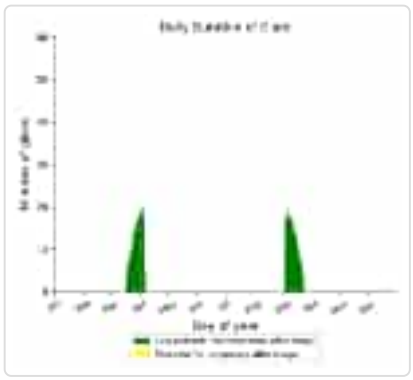


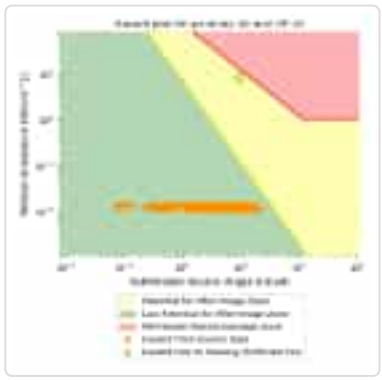
PV array 10: OP 25

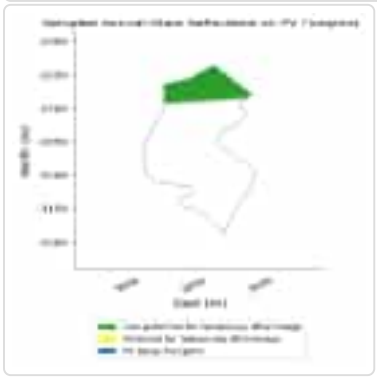
PV array is expected to produce the following glare for this receptor:

- 558 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





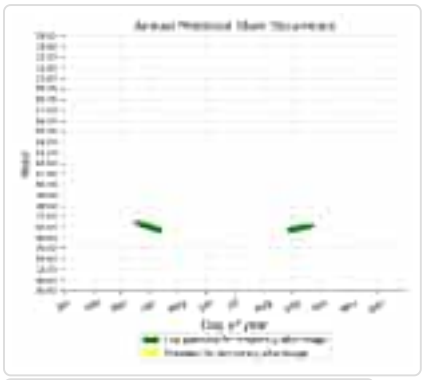


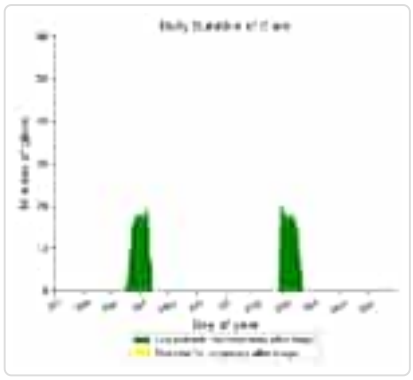


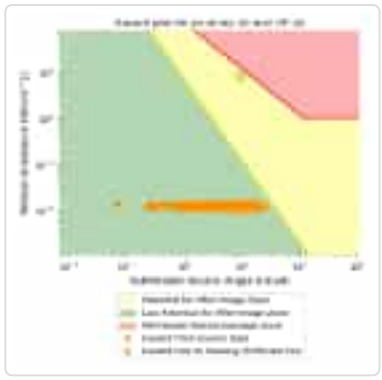
PV array 10: OP 26

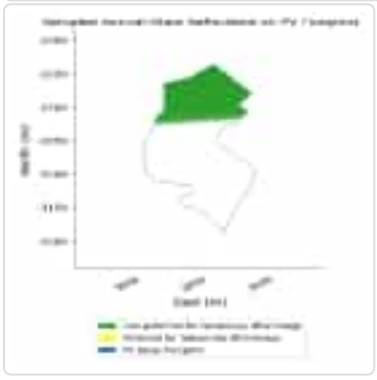
PV array is expected to produce the following glare for this receptor:

- 794 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





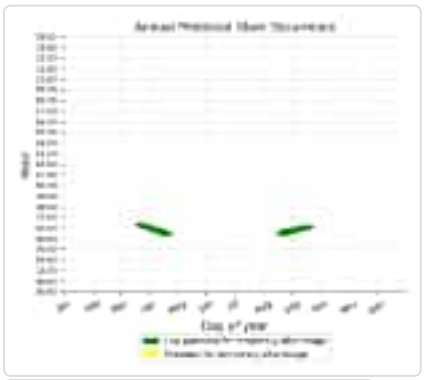


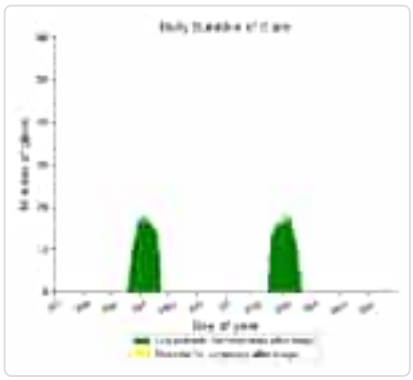


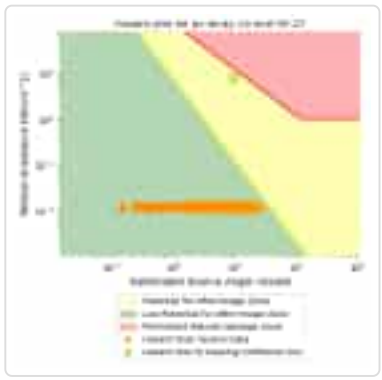
PV array 10: OP 27

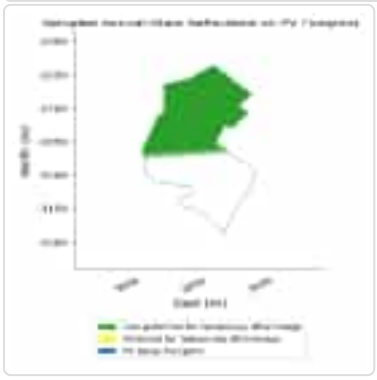
PV array is expected to produce the following glare for this receptor:

- 966 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





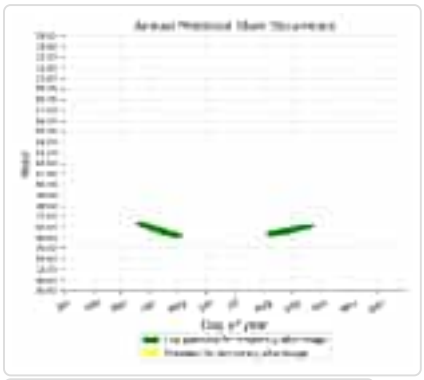


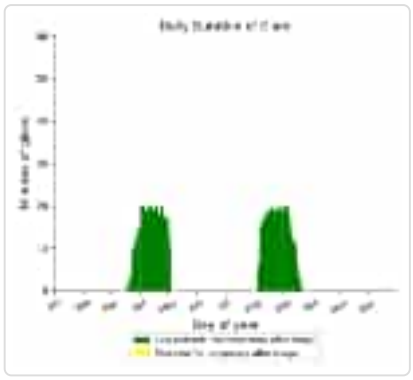


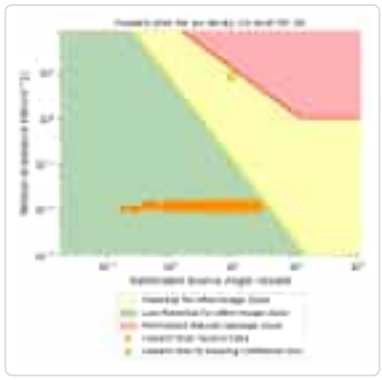
PV array 10: OP 28

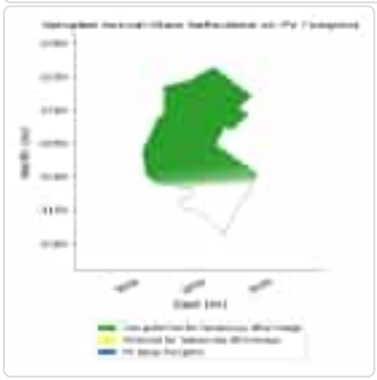
PV array is expected to produce the following glare for this receptor:

- 1,468 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









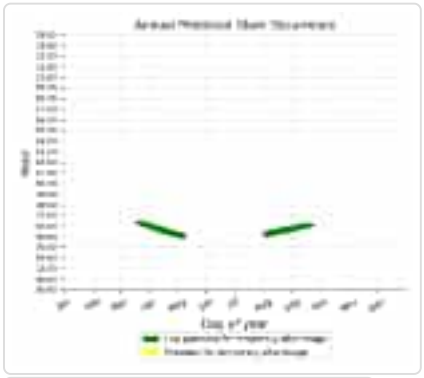
PV array 10: OP 29

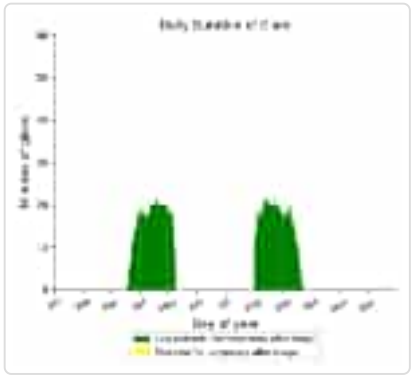
No glare found

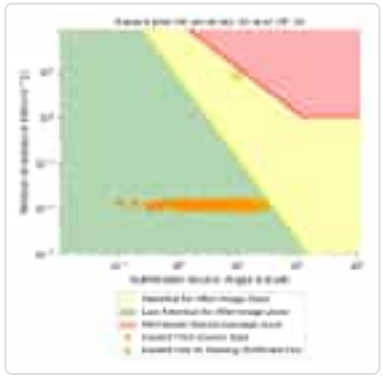
PV array 10: OP 30

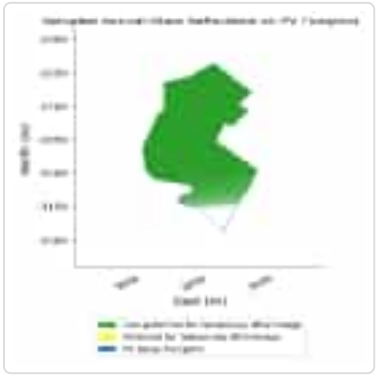
PV array is expected to produce the following glare for this receptor:

- 1,741 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





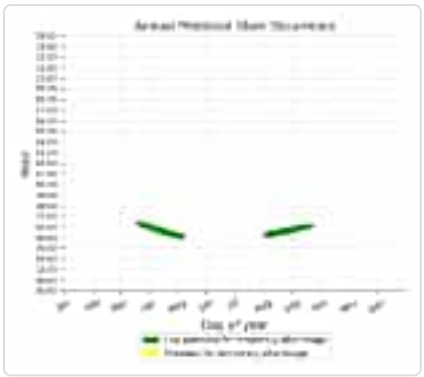


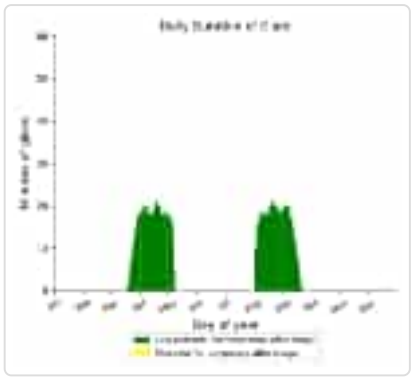


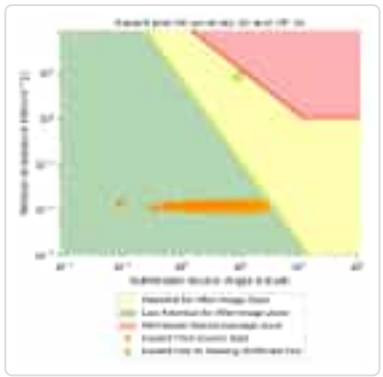
PV array 10: OP 31

PV array is expected to produce the following glare for this receptor:

- 1,662 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



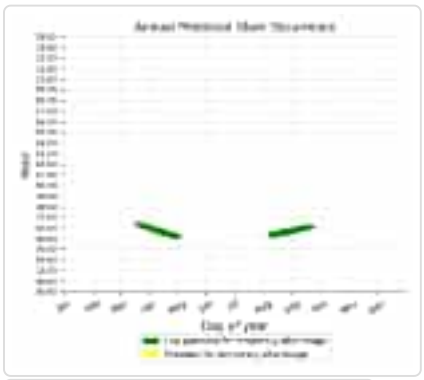


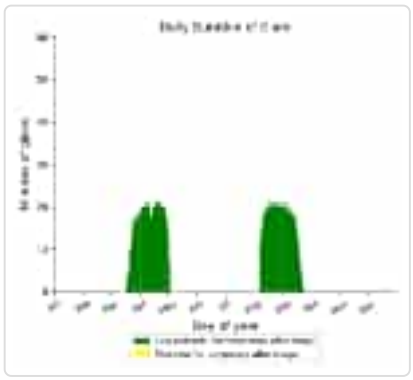


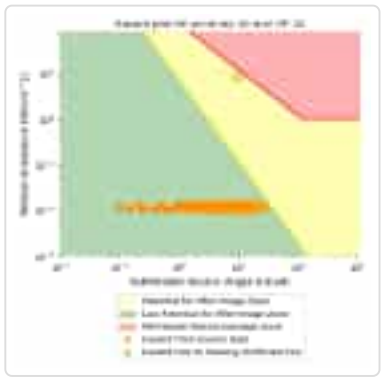
PV array 10: OP 32

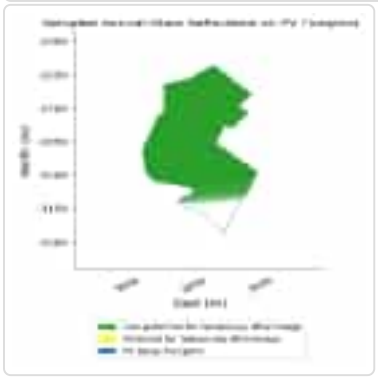
PV array is expected to produce the following glare for this receptor:

- 1,637 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





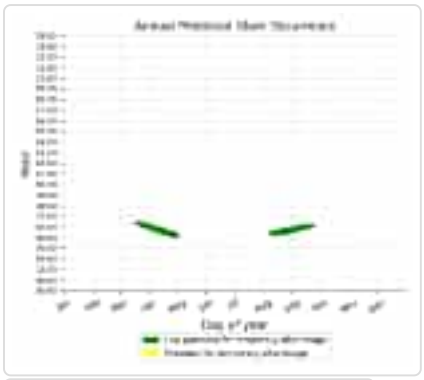


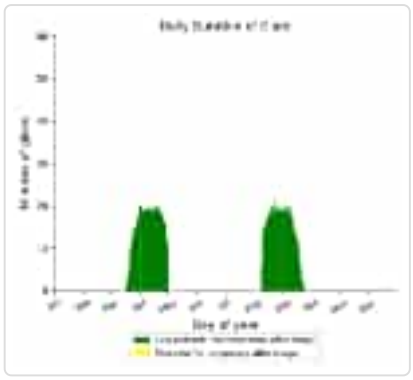


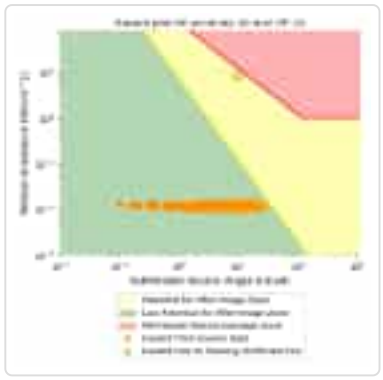
PV array 10: OP 33

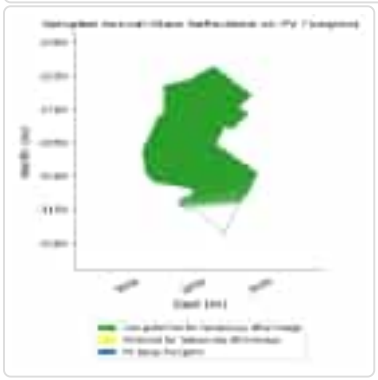
PV array is expected to produce the following glare for this receptor:

- 1,464 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





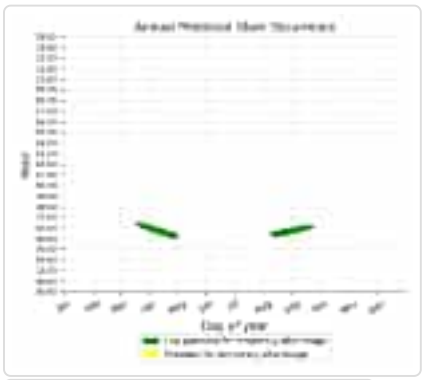


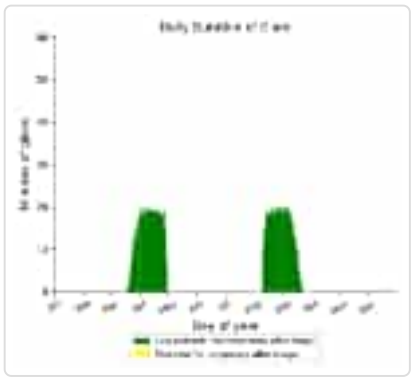


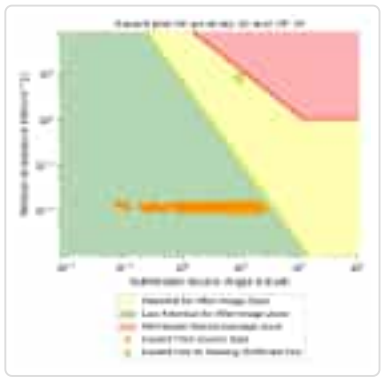
PV array 10: OP 34

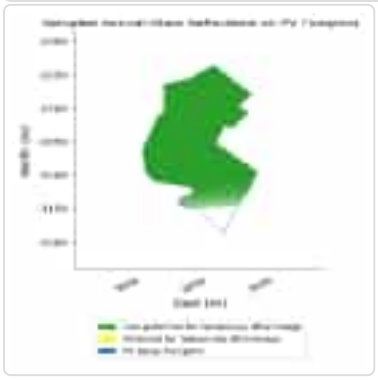
PV array is expected to produce the following glare for this receptor:

- 1,372 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





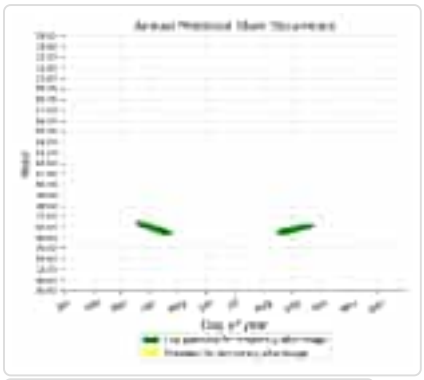


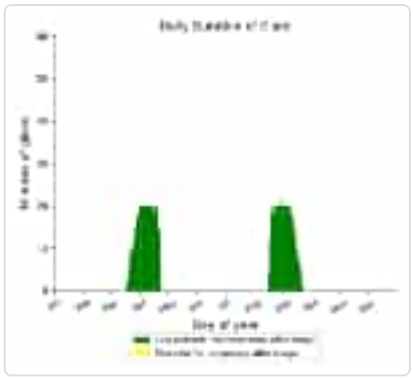


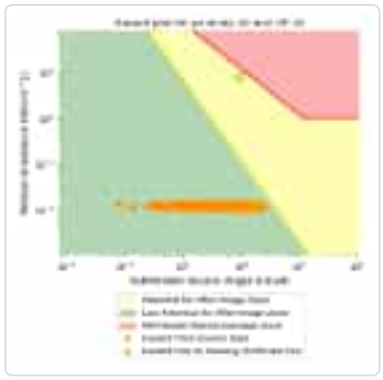
PV array 10: OP 35

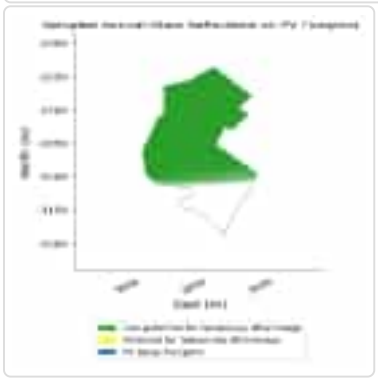
PV array is expected to produce the following glare for this receptor:

- 1,177 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





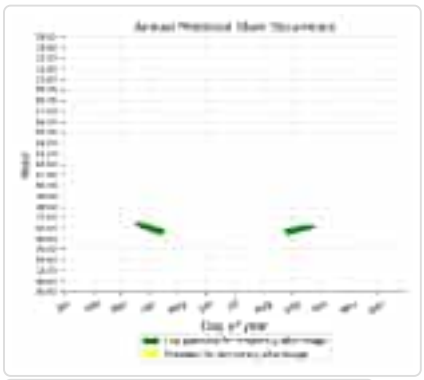


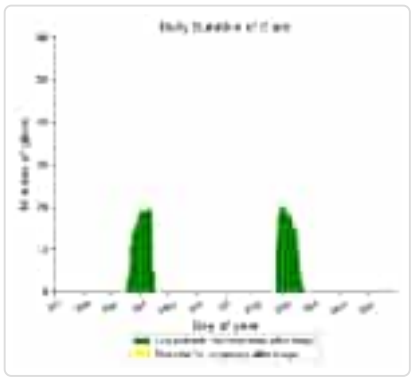


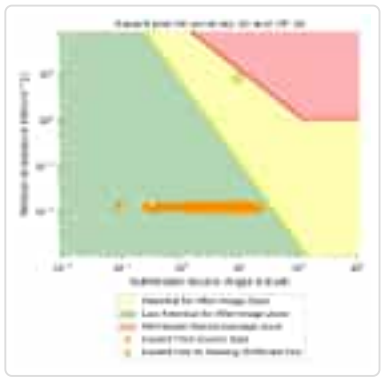
PV array 10: OP 36

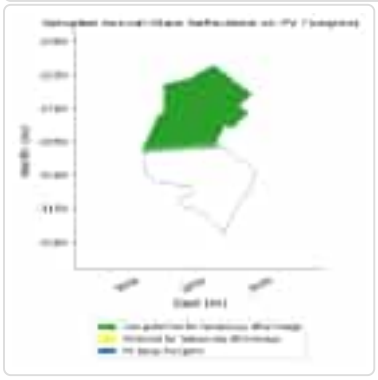
PV array is expected to produce the following glare for this receptor:

- 887 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 37

No glare found

PV array 10: OP 38

No glare found

PV array 10: OP 39

No glare found

PV array 10: OP 40

No glare found

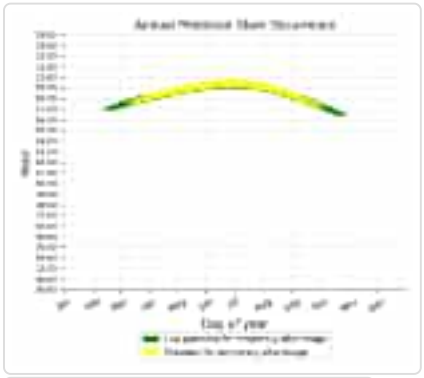
PV array 10: OP 41

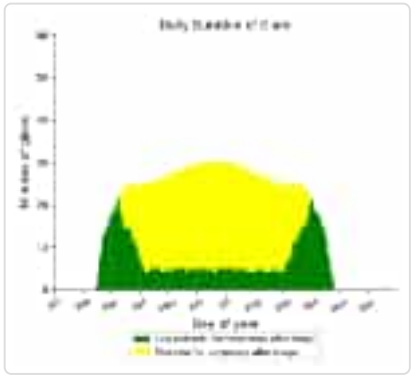
No glare found

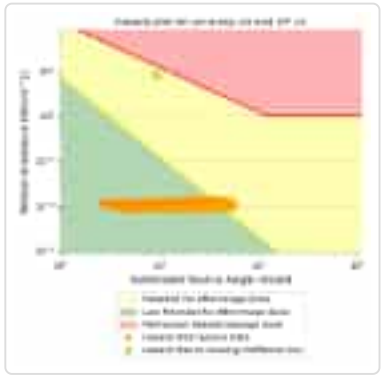
PV array 10: OP 42

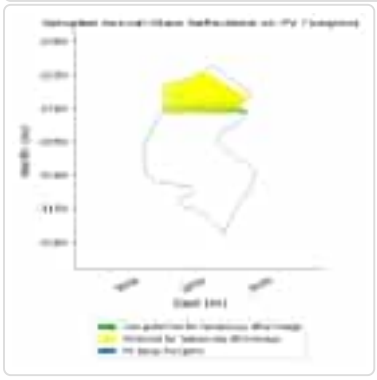
PV array is expected to produce the following glare for this receptor:

- 2,033 minutes of "green" glare with low potential to cause temporary after-image.
- 4,163 minutes of "yellow" glare with potential to cause temporary after-image.





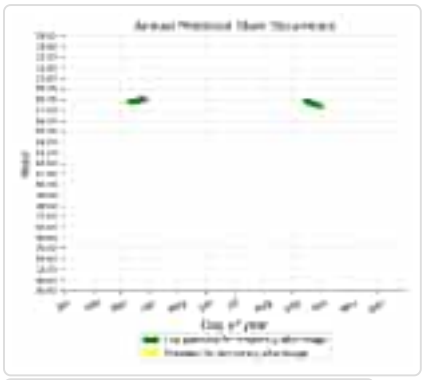


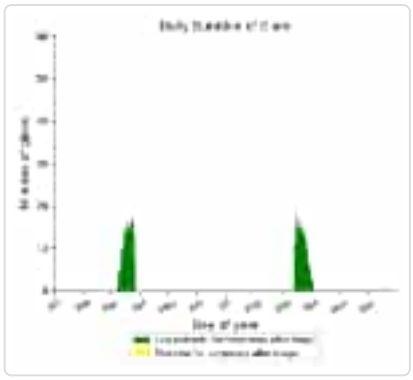


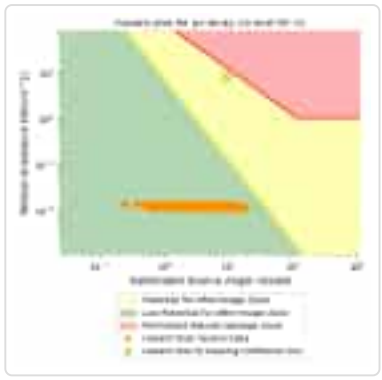
PV array 10: OP 43

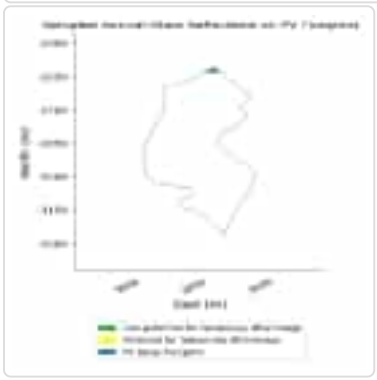
PV array is expected to produce the following glare for this receptor:

- 456 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 44

No glare found

PV array 10: OP 45

No glare found

PV array 10: OP 46

No glare found

PV array 10: OP 47

No glare found

PV array 10: OP 48

No glare found

PV array 10: OP 49

No glare found

PV array 10: OP 50

No glare found

PV array 10: OP 51

No glare found

PV array 10: OP 52

No glare found

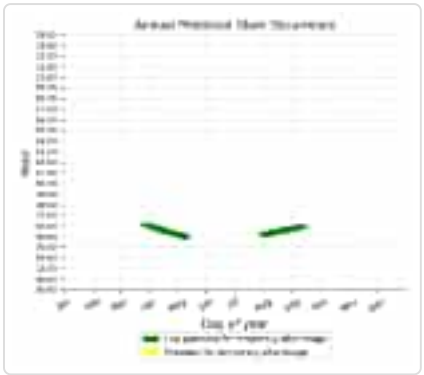
PV array 10: OP 53

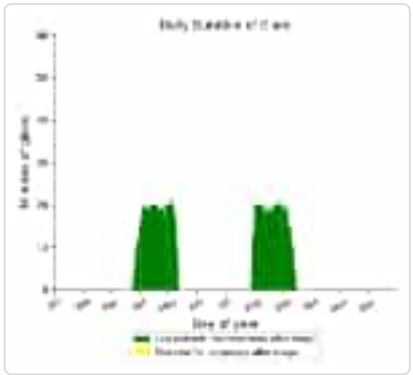
No glare found

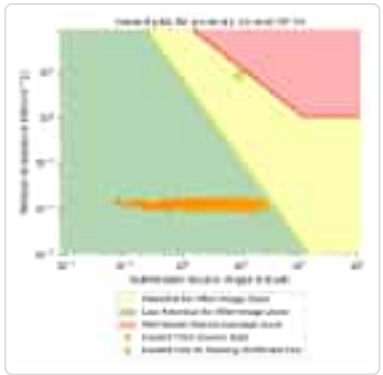
PV array 10: OP 54

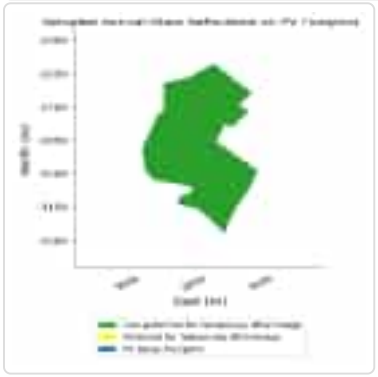
PV array is expected to produce the following glare for this receptor:

- 1,708 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





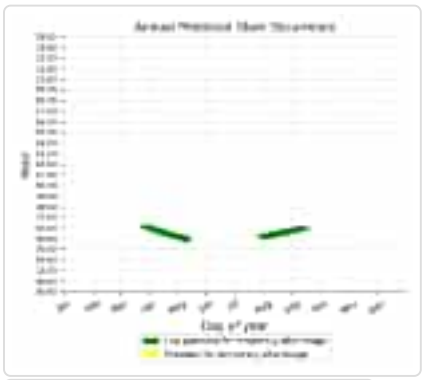


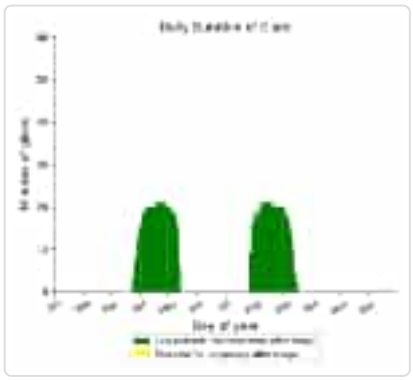


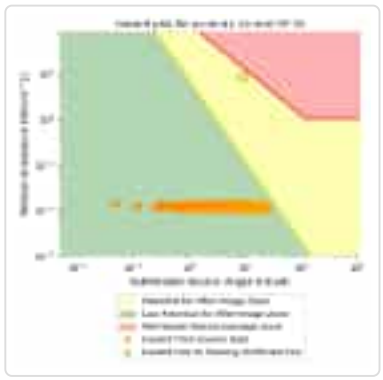
PV array 10: OP 55

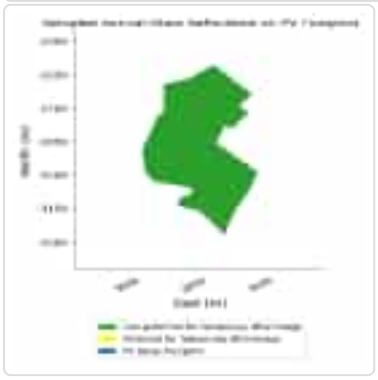
PV array is expected to produce the following glare for this receptor:

- 1,793 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





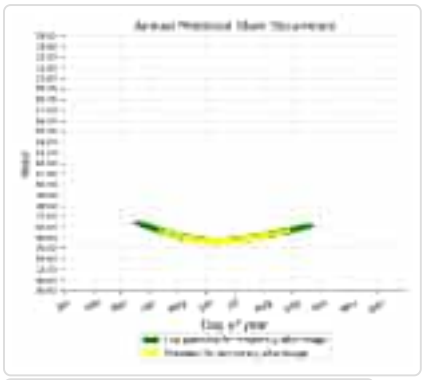


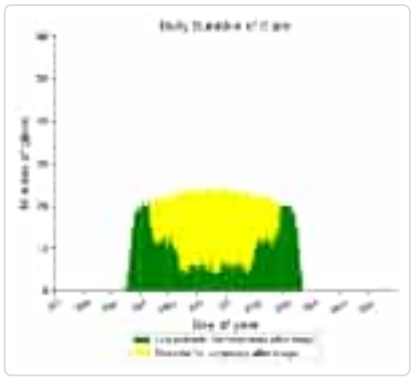


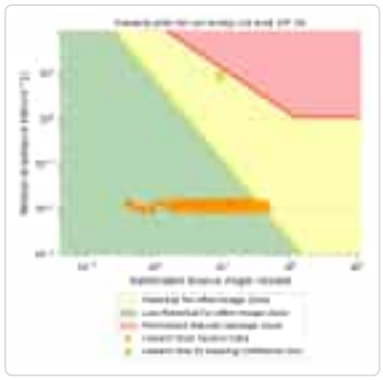
PV array 10: OP 56

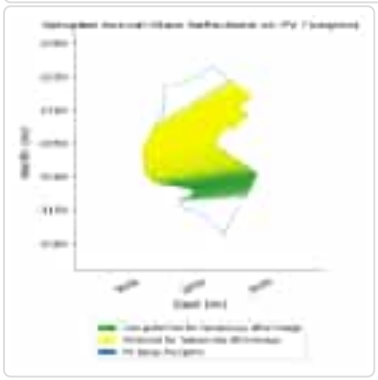
PV array is expected to produce the following glare for this receptor:

- 1,934 minutes of "green" glare with low potential to cause temporary after-image.
- 2,020 minutes of "yellow" glare with potential to cause temporary after-image.





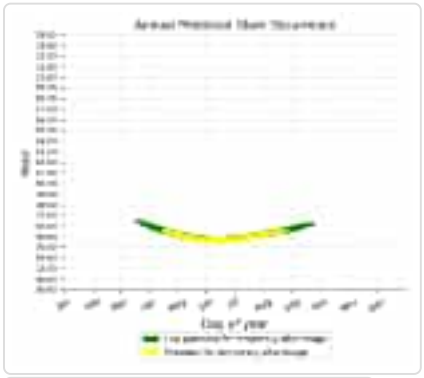


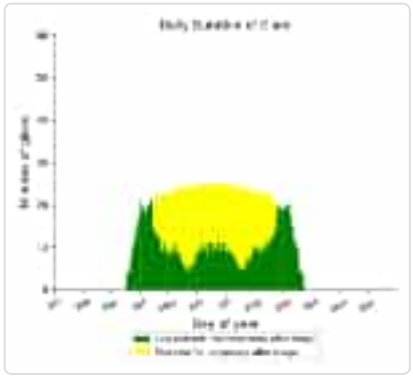


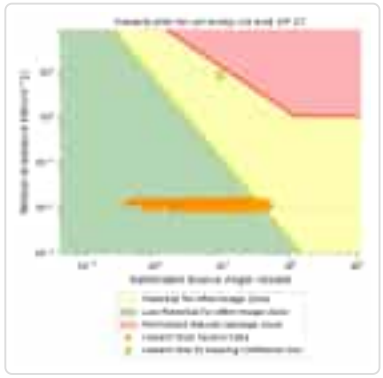
PV array 10: OP 57

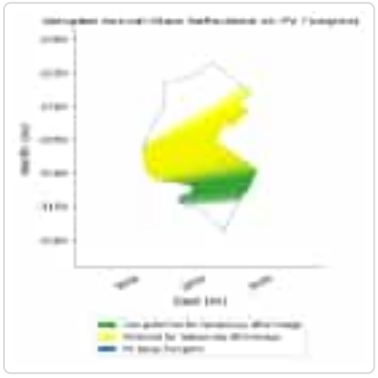
PV array is expected to produce the following glare for this receptor:

- 2,032 minutes of "green" glare with low potential to cause temporary after-image.
- 1,929 minutes of "yellow" glare with potential to cause temporary after-image.





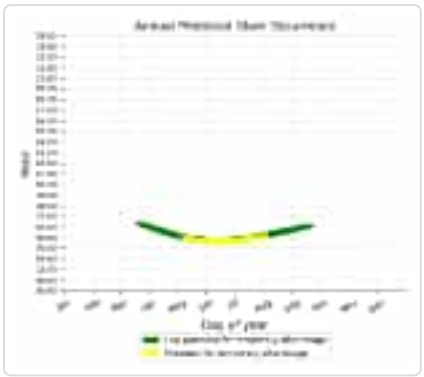


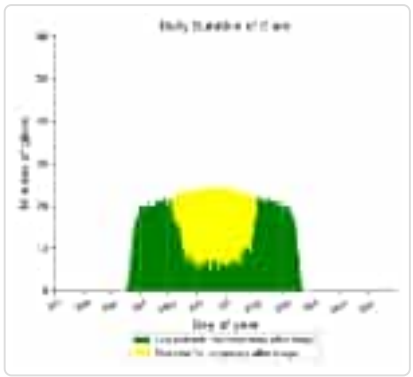


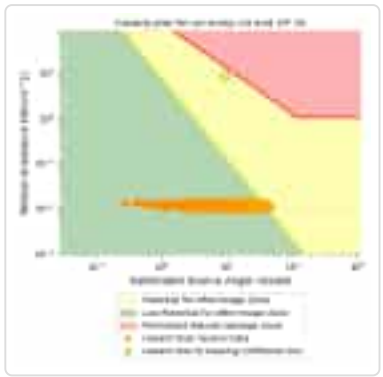
PV array 10: OP 58

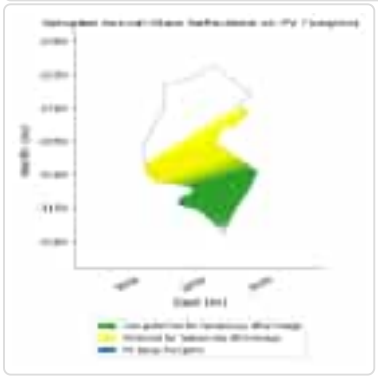
PV array is expected to produce the following glare for this receptor:

- 2,549 minutes of "green" glare with low potential to cause temporary after-image.
- 1,351 minutes of "yellow" glare with potential to cause temporary after-image.





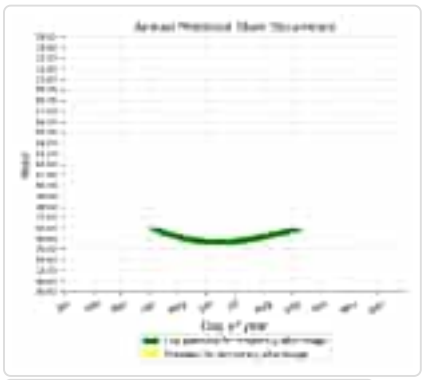


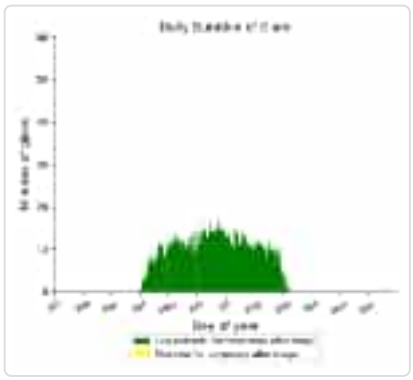


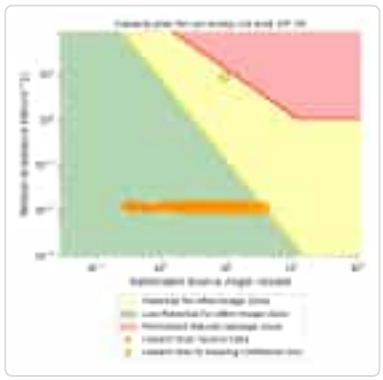
PV array 10: OP 59

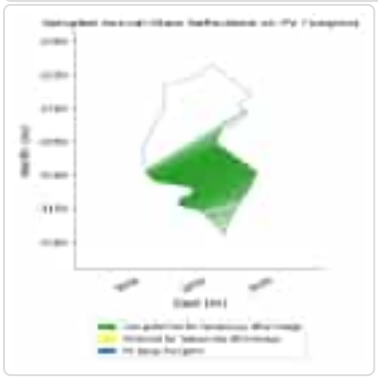
PV array is expected to produce the following glare for this receptor:

- 1,712 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





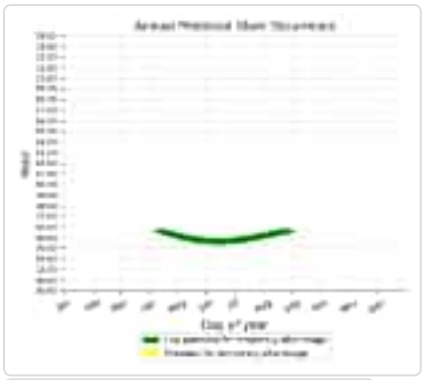


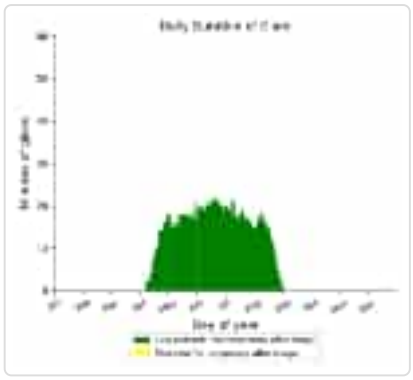


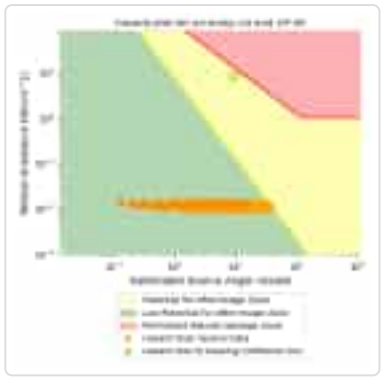
PV array 10: OP 60

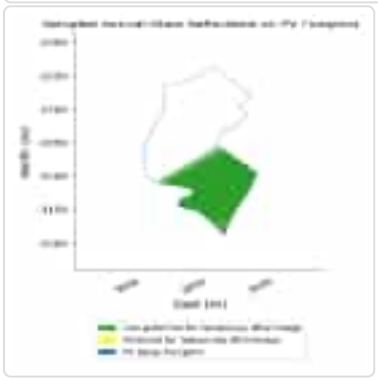
PV array is expected to produce the following glare for this receptor:

- 2,327 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





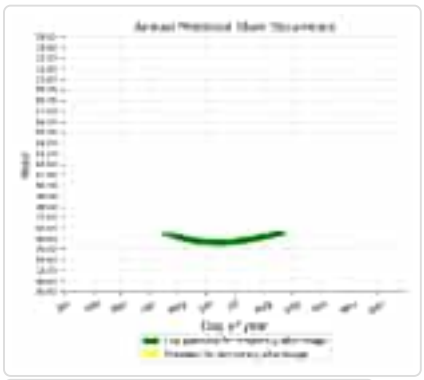


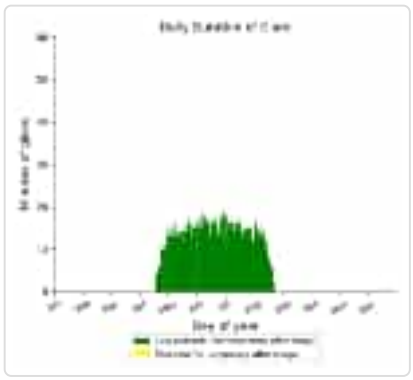


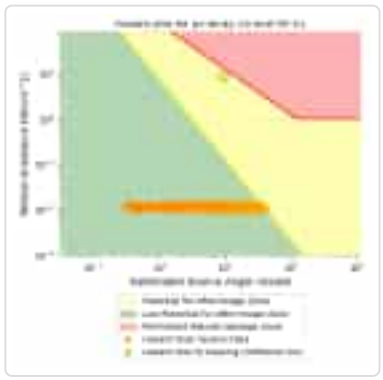
PV array 10: OP 61

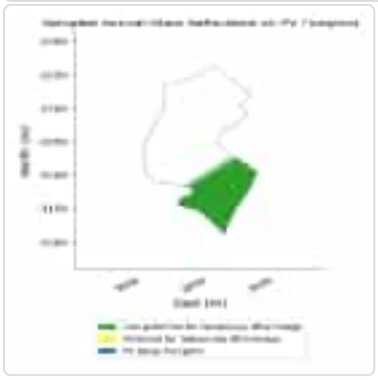
PV array is expected to produce the following glare for this receptor:

- 1,764 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





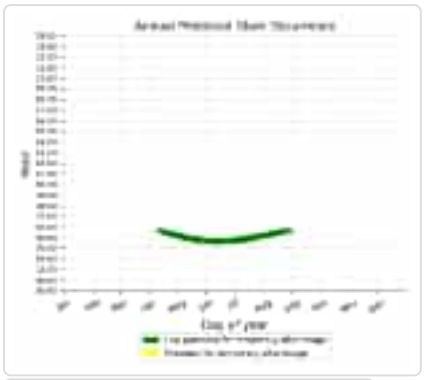


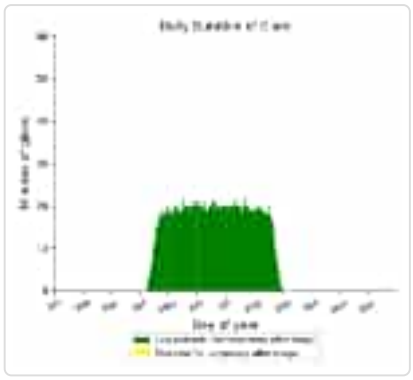


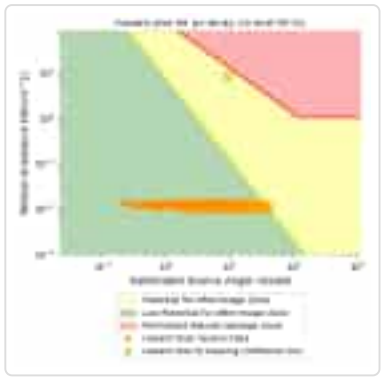
PV array 10: OP 62

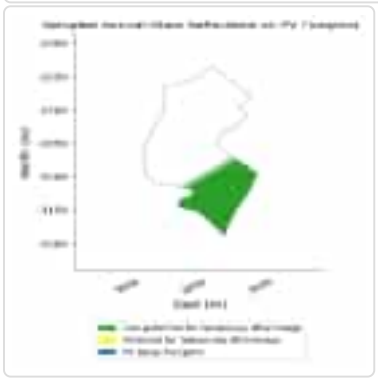
PV array is expected to produce the following glare for this receptor:

- 2,556 minutes of "green" glare with low potential to cause temporary after-image.
- 1 minutes of "yellow" glare with potential to cause temporary after-image.





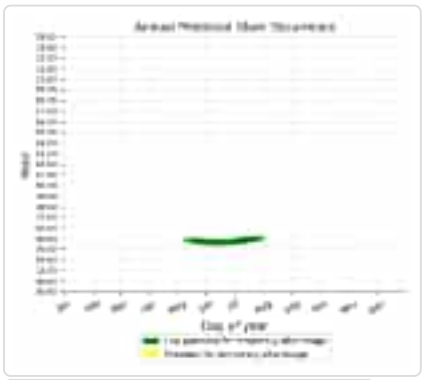


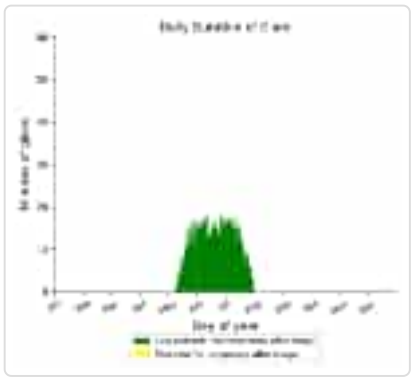


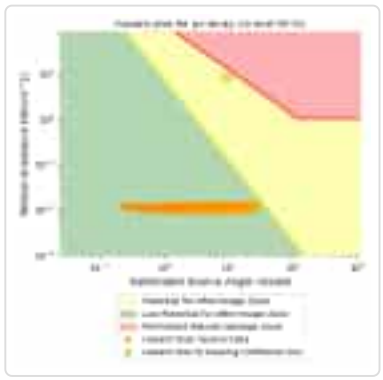
PV array 10: OP 63

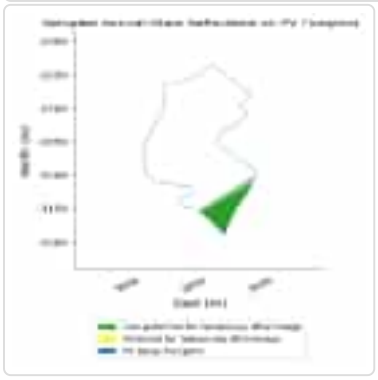
PV array is expected to produce the following glare for this receptor:

- 1,081 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





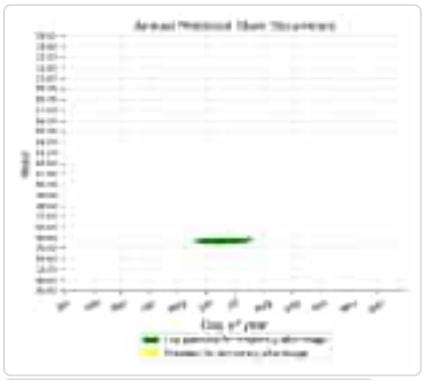


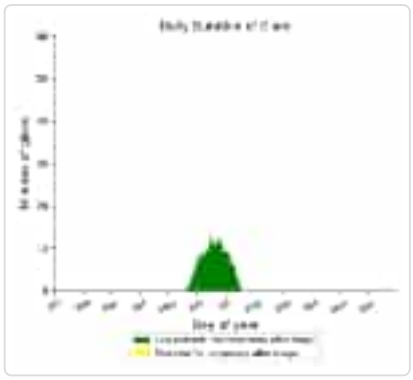


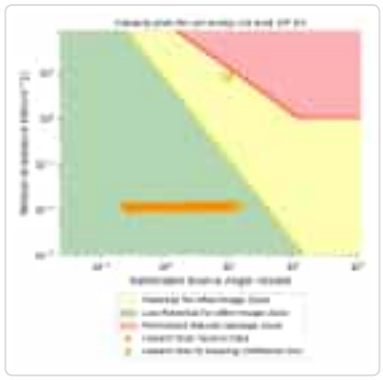
PV array 10: OP 64

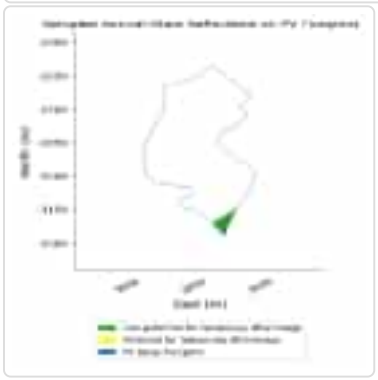
PV array is expected to produce the following glare for this receptor:

- 446 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 65

No glare found

PV array 10: OP 66

No glare found

PV array 10: OP 67

No glare found

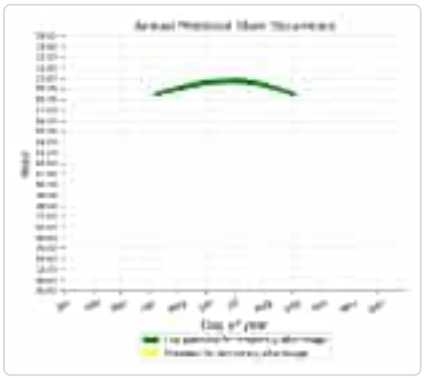
PV array 10: OP 68

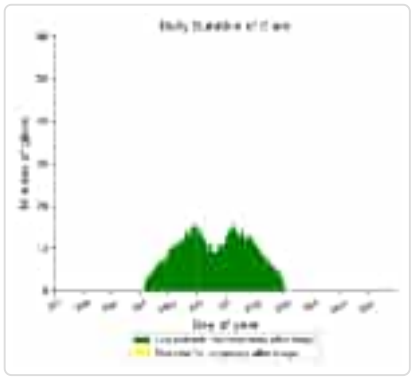
No glare found

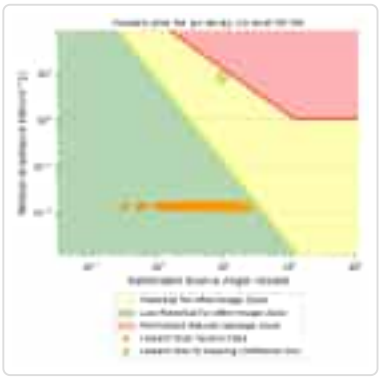
PV array 10: OP 69

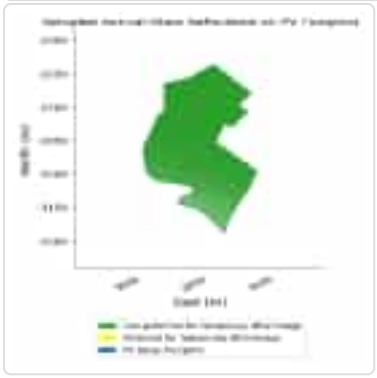
PV array is expected to produce the following glare for this receptor:

- 1,486 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





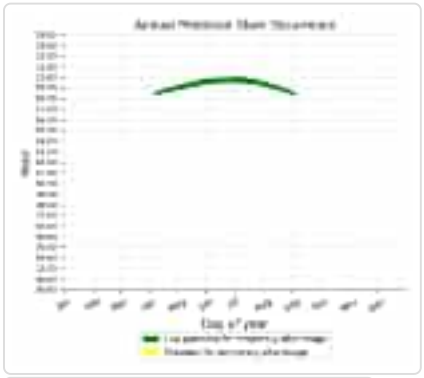


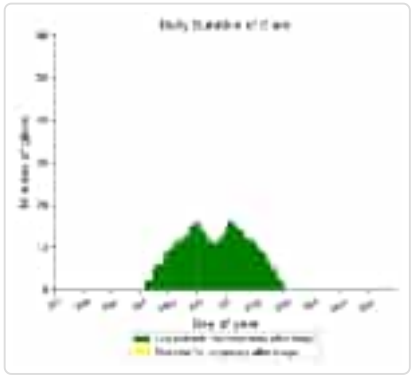


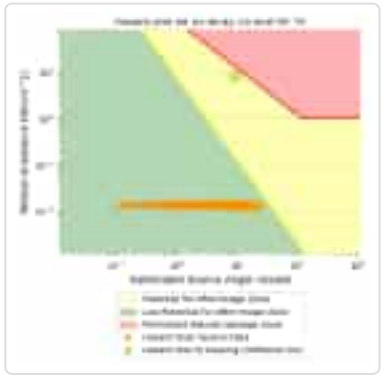
PV array 10: OP 70

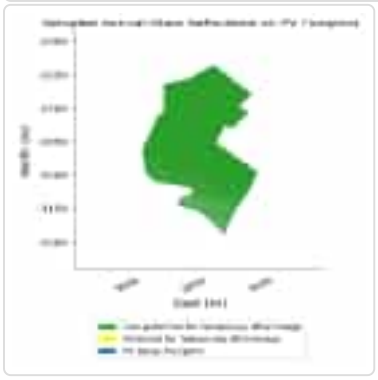
PV array is expected to produce the following glare for this receptor:

- 1,537 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





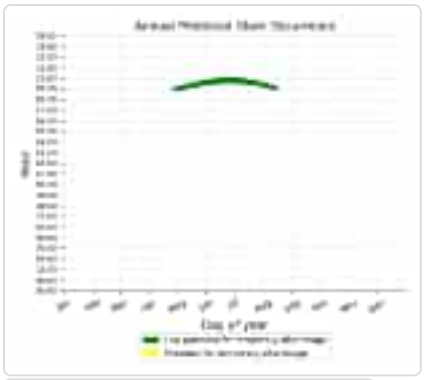


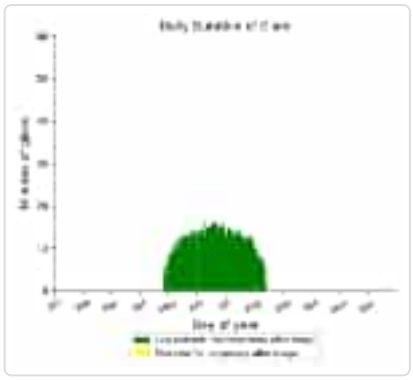


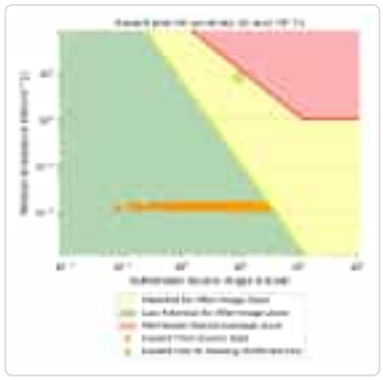
PV array 10: OP 71

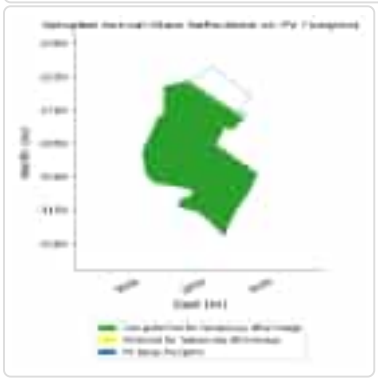
PV array is expected to produce the following glare for this receptor:

- 1,360 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 72

No glare found

PV array 10: OP 73

No glare found

PV array 10: OP 74

No glare found

PV array 10: OP 75

No glare found

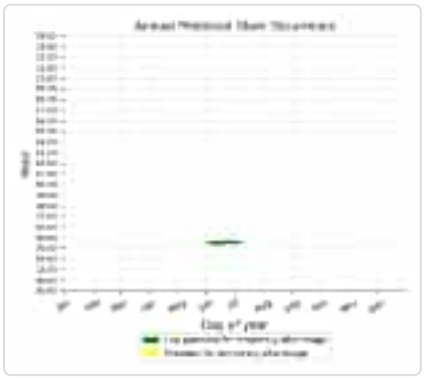
PV array 10: OP 76

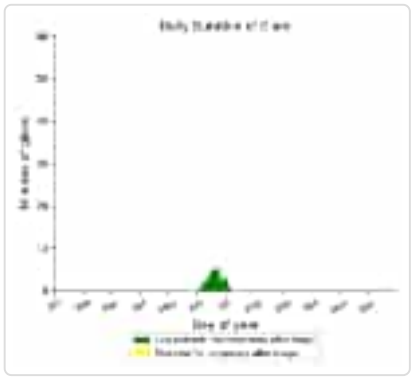
No glare found

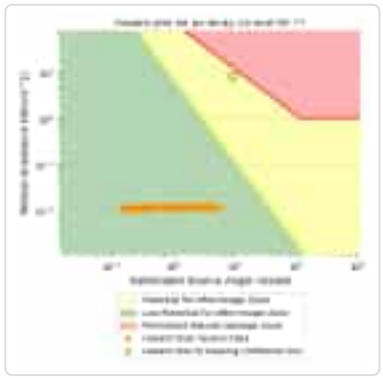
PV array 10: OP 77

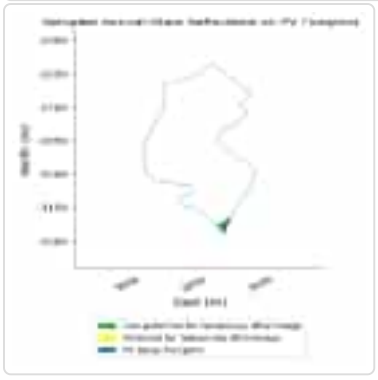
PV array is expected to produce the following glare for this receptor:

- 100 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 78

No glare found

PV array 10: OP 79

No glare found

PV array 10: OP 80

No glare found

PV array 11 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0

OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	34	0
OP: OP 29	0	0
OP: OP 30	61	0
OP: OP 31	36	0
OP: OP 32	33	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	122	0
OP: OP 55	94	0
OP: OP 56	365	0

OP: OP 57	481	0
OP: OP 58	1149	0
OP: OP 59	1318	0
OP: OP 60	1662	0
OP: OP 61	1578	0
OP: OP 62	1437	0
OP: OP 63	1598	0
OP: OP 64	1656	0
OP: OP 65	1197	0
OP: OP 66	653	17
OP: OP 67	2198	853
OP: OP 68	1604	3006
OP: OP 69	2346	31
OP: OP 70	2550	131
OP: OP 71	2363	803
OP: OP 72	2497	1003
OP: OP 73	2751	662
OP: OP 74	2715	764
OP: OP 75	3045	1529
OP: OP 76	3060	1194
OP: OP 77	1109	0
OP: OP 78	1596	0
OP: OP 79	1365	14
OP: OP 80	1116	0

PV array 11: OP 1

No glare found

PV array 11: OP 2

No glare found

PV array 11: OP 3

No glare found

PV array 11: OP 4

No glare found

PV array 11: OP 5

No glare found

PV array 11: OP 6

No glare found

PV array 11: OP 7

No glare found

PV array 11: OP 8

No glare found

PV array 11: OP 9

No glare found

PV array 11: OP 10

No glare found

PV array 11: OP 11

No glare found

PV array 11: OP 12

No glare found

PV array 11: OP 13

No glare found

PV array 11: OP 14

No glare found

PV array 11: OP 15

No glare found

PV array 11: OP 16

No glare found

PV array 11: OP 17

No glare found

PV array 11: OP 18

No glare found

PV array 11: OP 19

No glare found

PV array 11: OP 20

No glare found

PV array 11: OP 21

No glare found

PV array 11: OP 22

No glare found

PV array 11: OP 23

No glare found

PV array 11: OP 24

No glare found

PV array 11: OP 25

No glare found

PV array 11: OP 26

No glare found

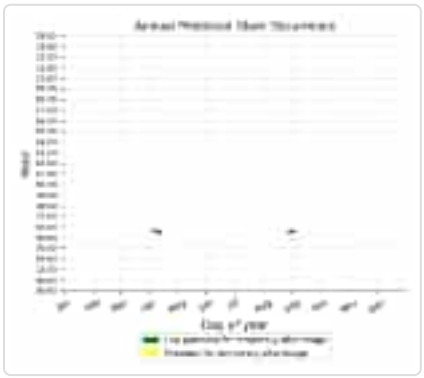
PV array 11: OP 27

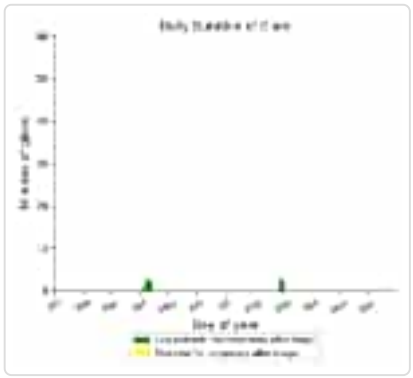
No glare found

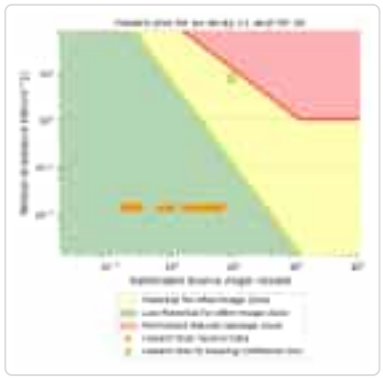
PV array 11: OP 28

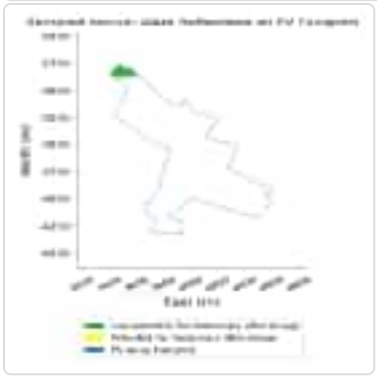
PV array is expected to produce the following glare for this receptor:

- 34 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









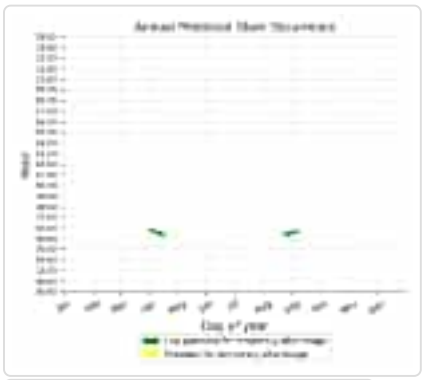
PV array 11: OP 29

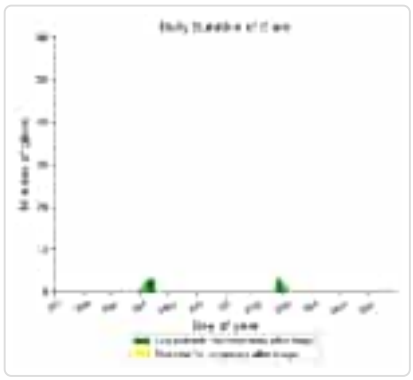
No glare found

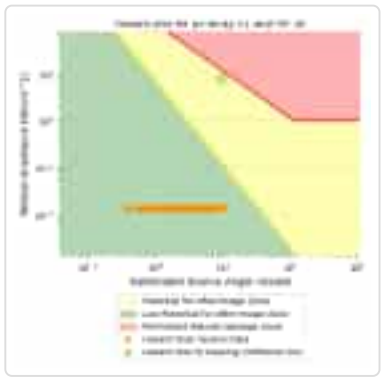
PV array 11: OP 30

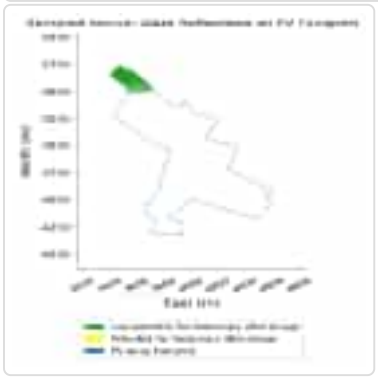
PV array is expected to produce the following glare for this receptor:

- 61 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





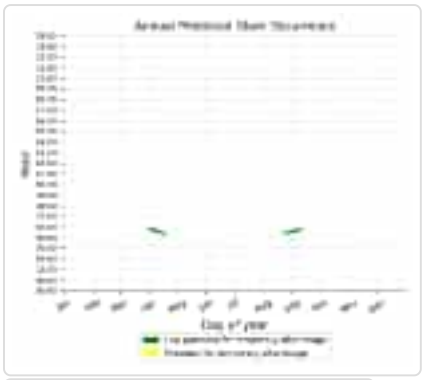


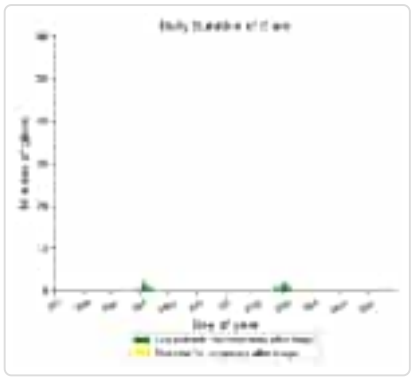


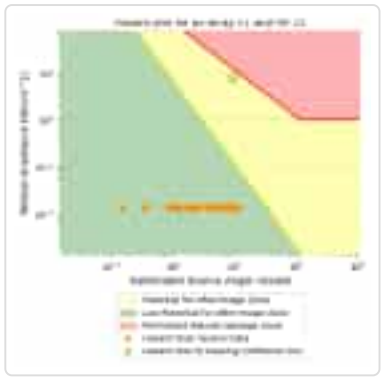
PV array 11: OP 31

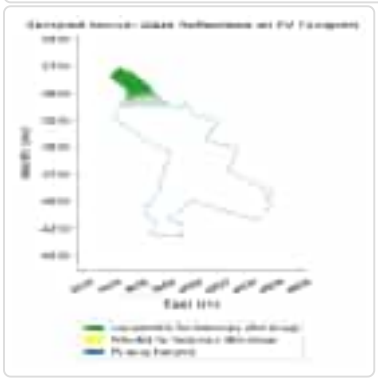
PV array is expected to produce the following glare for this receptor:

- 36 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





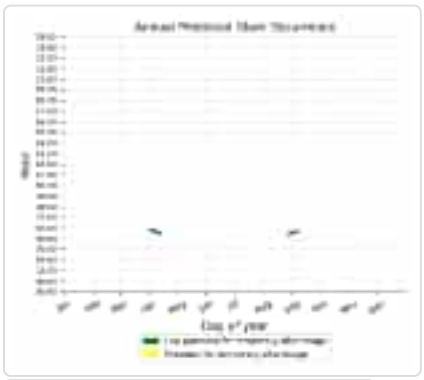


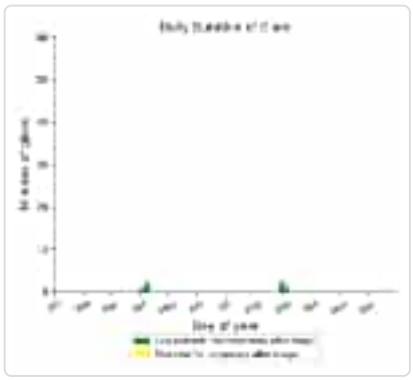


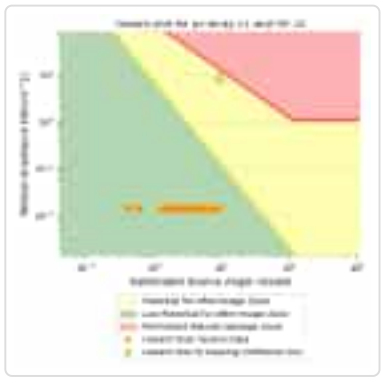
PV array 11: OP 32

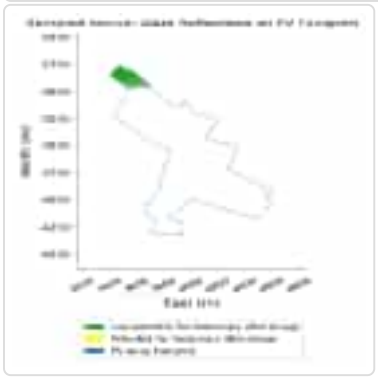
PV array is expected to produce the following glare for this receptor:

- 33 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 33

No glare found

PV array 11: OP 34

No glare found

PV array 11: OP 35

No glare found

PV array 11: OP 36

No glare found

PV array 11: OP 37

No glare found

PV array 11: OP 38

No glare found

PV array 11: OP 39

No glare found

PV array 11: OP 40

No glare found

PV array 11: OP 41

No glare found

PV array 11: OP 42

No glare found

PV array 11: OP 43

No glare found

PV array 11: OP 44

No glare found

PV array 11: OP 45

No glare found

PV array 11: OP 46

No glare found

PV array 11: OP 47

No glare found

PV array 11: OP 48

No glare found

PV array 11: OP 49

No glare found

PV array 11: OP 50

No glare found

PV array 11: OP 51

No glare found

PV array 11: OP 52

No glare found

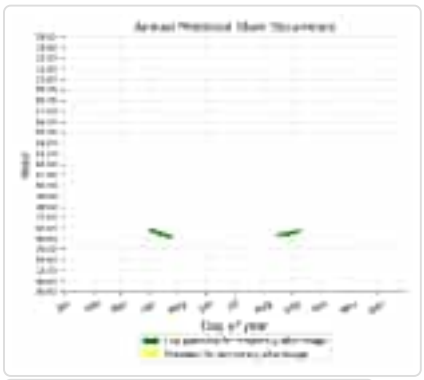
PV array 11: OP 53

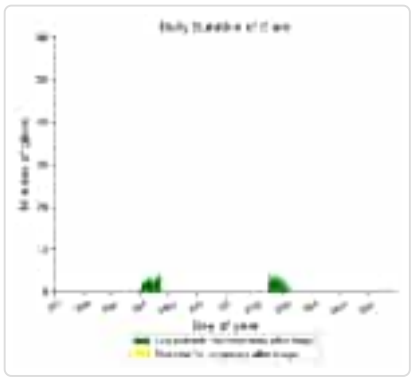
No glare found

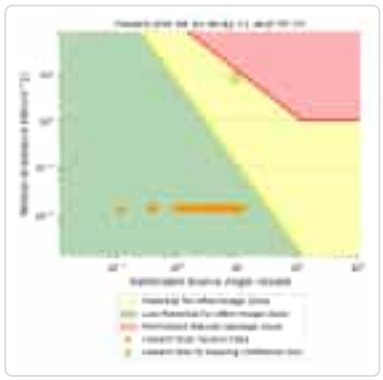
PV array 11: OP 54

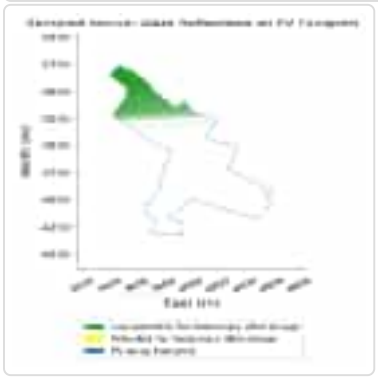
PV array is expected to produce the following glare for this receptor:

- 122 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





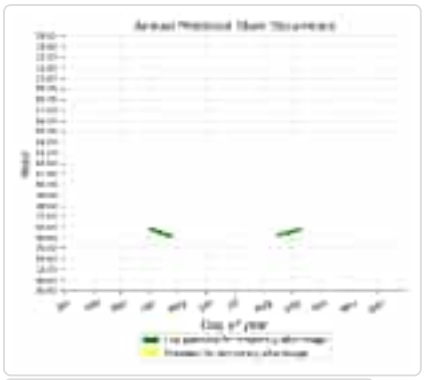


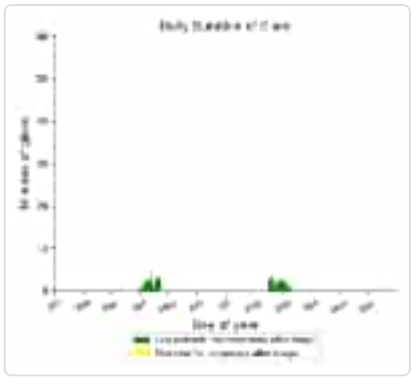


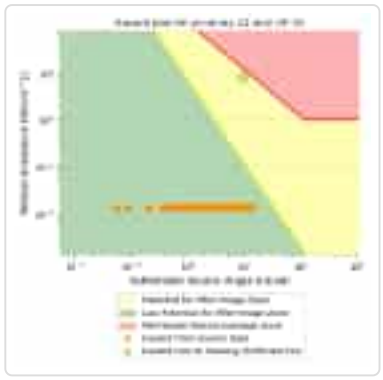
PV array 11: OP 55

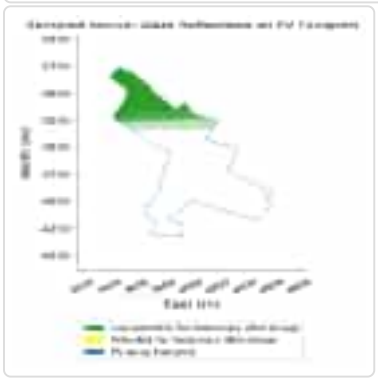
PV array is expected to produce the following glare for this receptor:

- 94 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





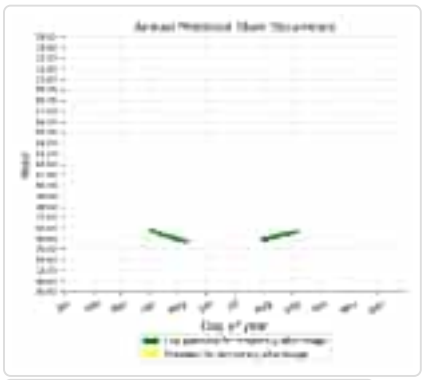


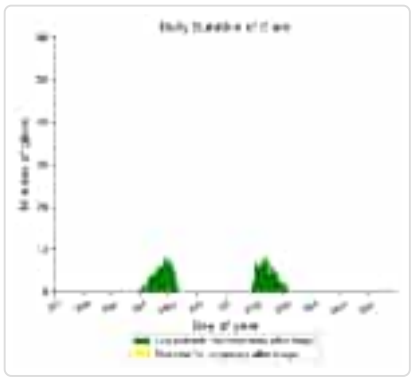


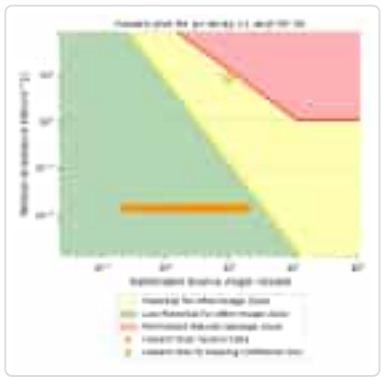
PV array 11: OP 56

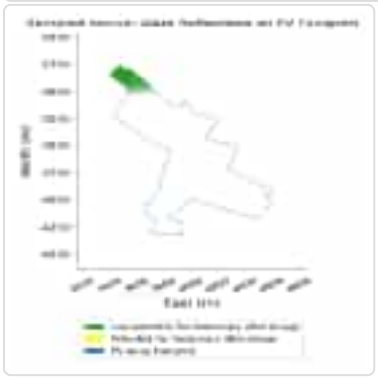
PV array is expected to produce the following glare for this receptor:

- 365 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





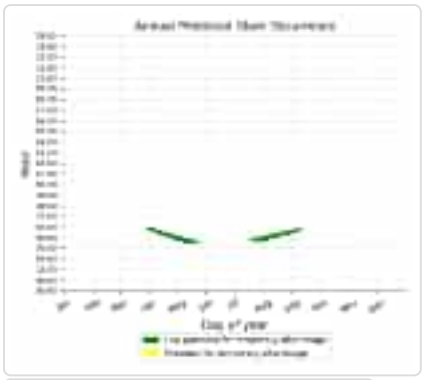


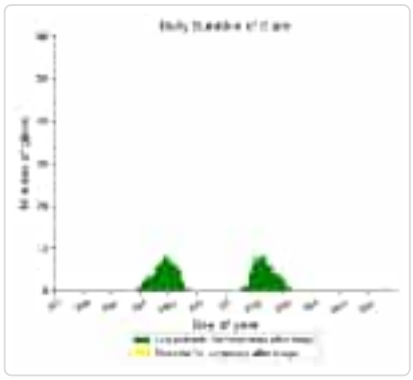


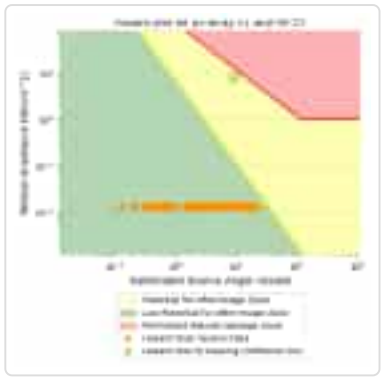
PV array 11: OP 57

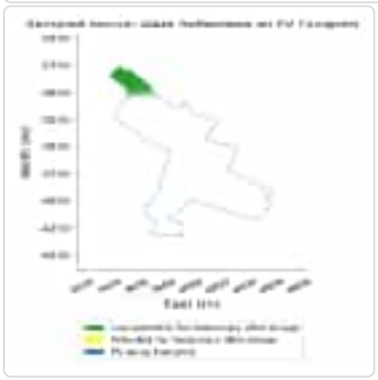
PV array is expected to produce the following glare for this receptor:

- 481 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





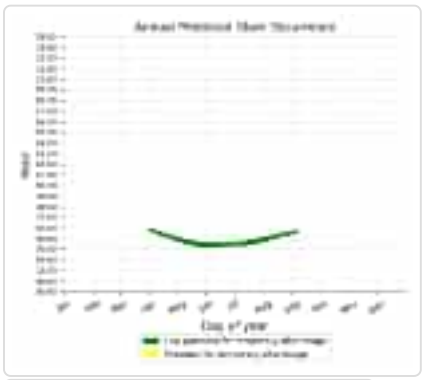


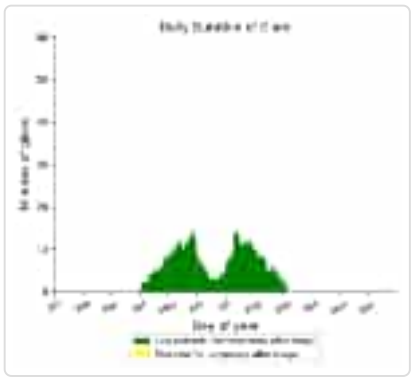


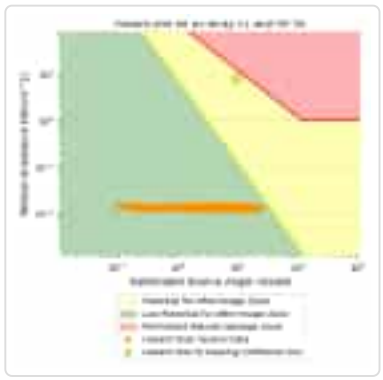
PV array 11: OP 58

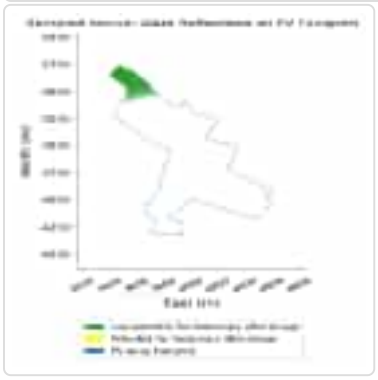
PV array is expected to produce the following glare for this receptor:

- 1,149 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





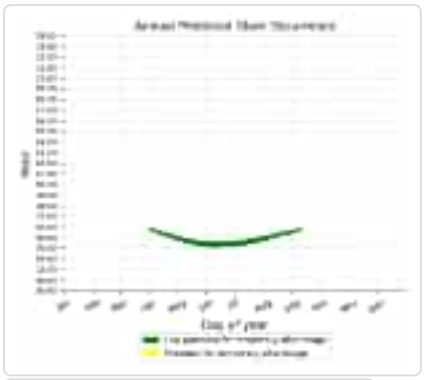


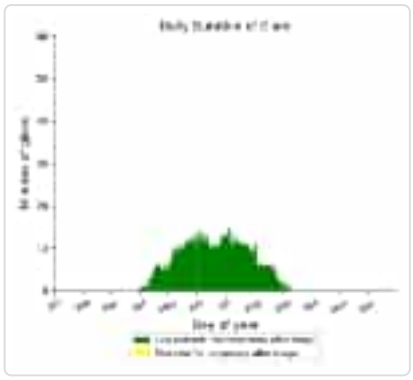


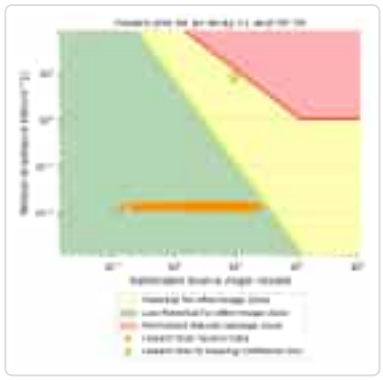
PV array 11: OP 59

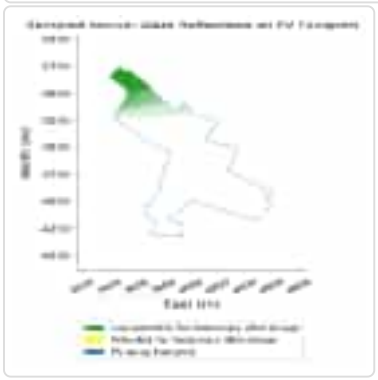
PV array is expected to produce the following glare for this receptor:

- 1,318 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





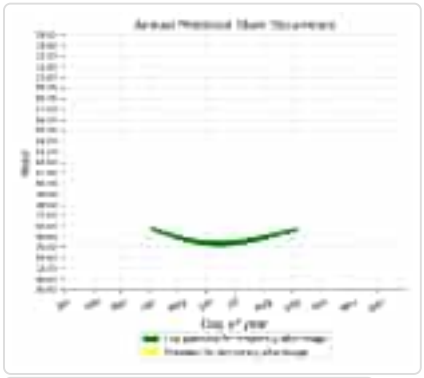


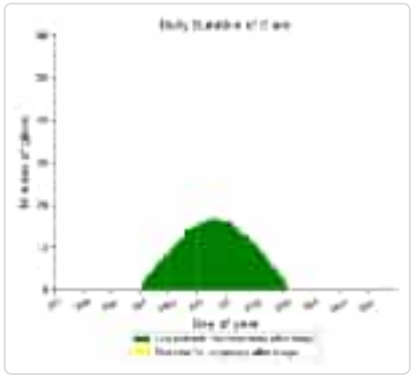


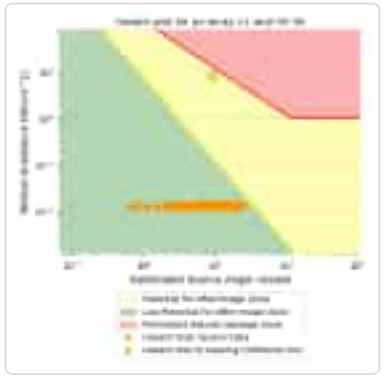
PV array 11: OP 60

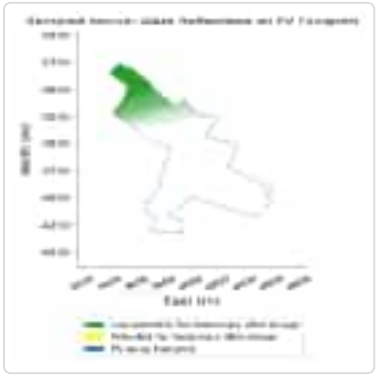
PV array is expected to produce the following glare for this receptor:

- 1,662 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





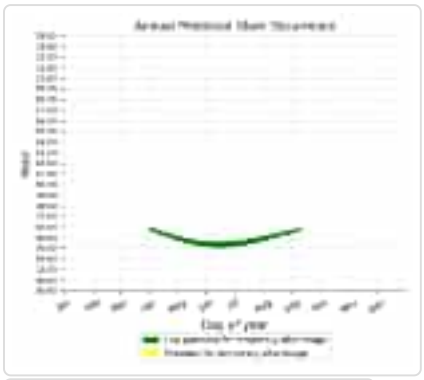


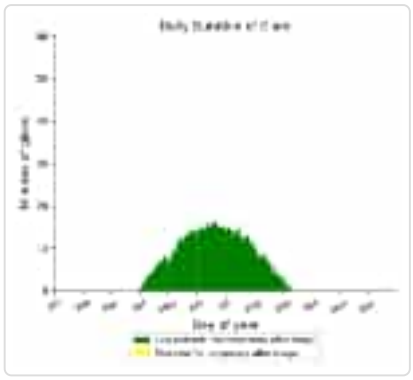


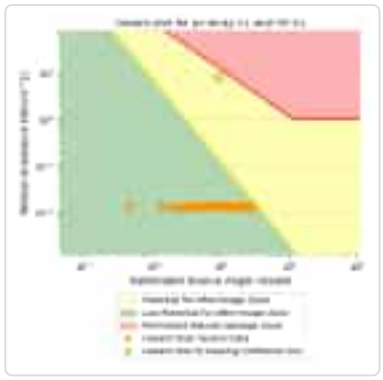
PV array 11: OP 61

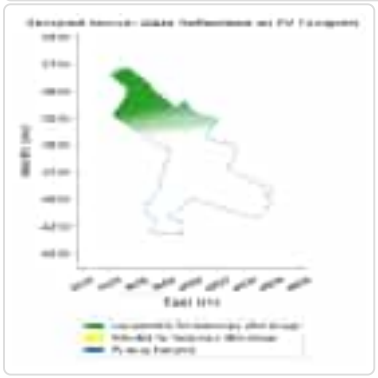
PV array is expected to produce the following glare for this receptor:

- 1,578 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





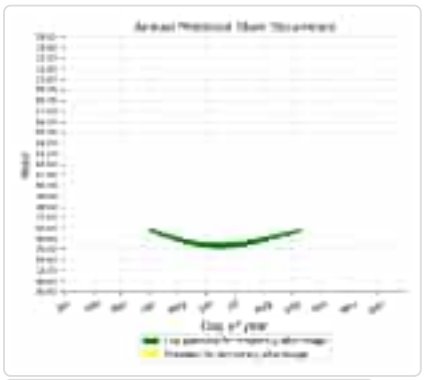


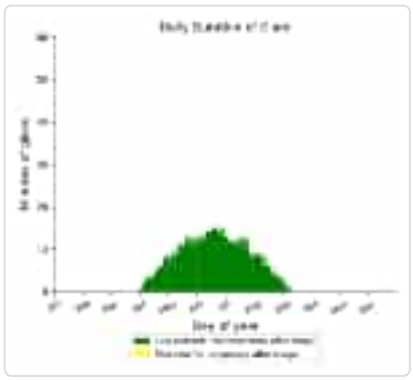


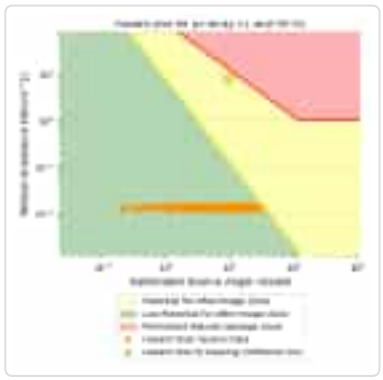
PV array 11: OP 62

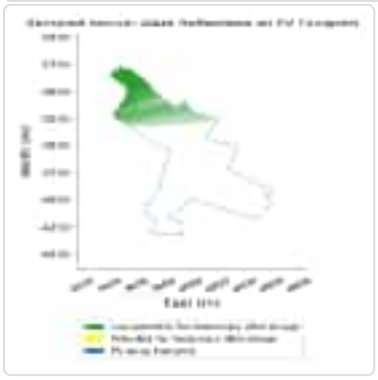
PV array is expected to produce the following glare for this receptor:

- 1,437 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





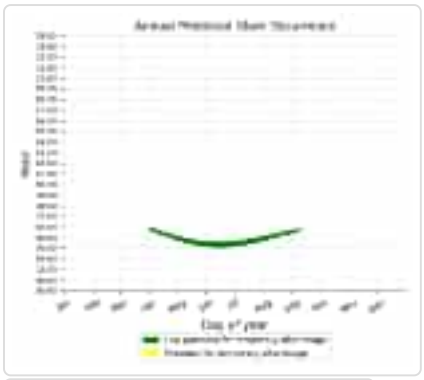


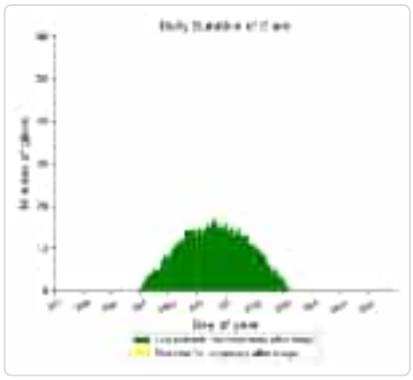


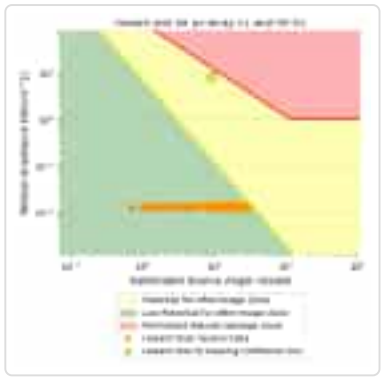
PV array 11: OP 63

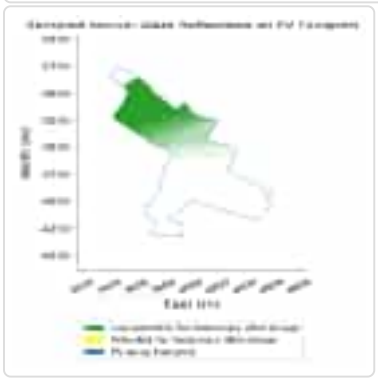
PV array is expected to produce the following glare for this receptor:

- 1,598 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





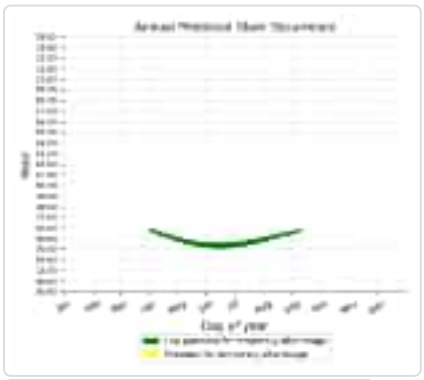


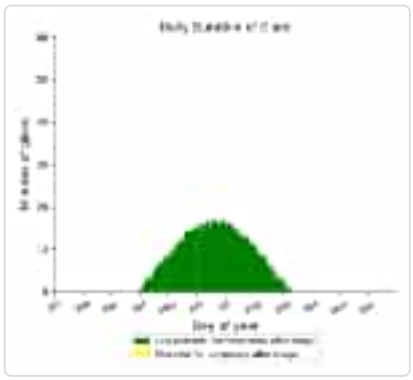


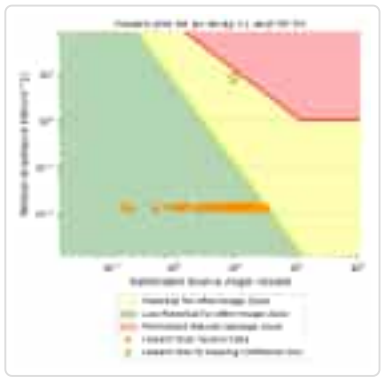
PV array 11: OP 64

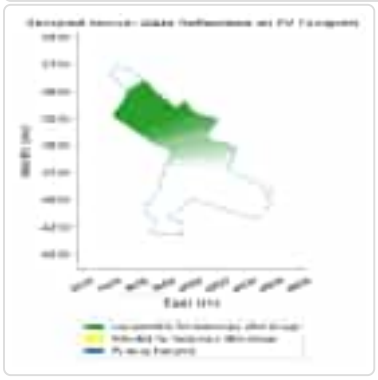
PV array is expected to produce the following glare for this receptor:

- 1,656 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





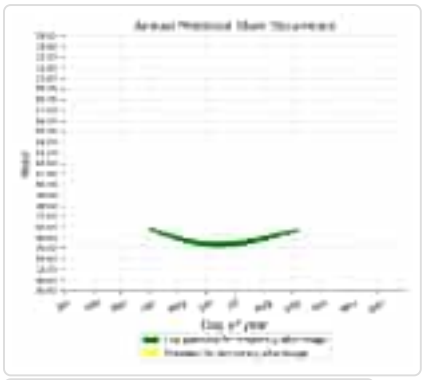


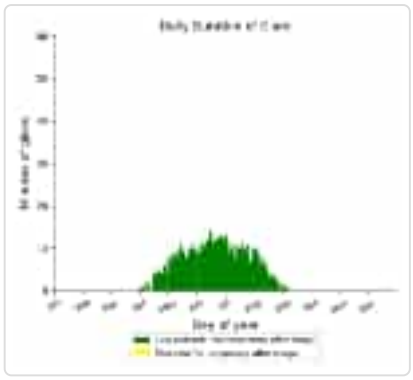


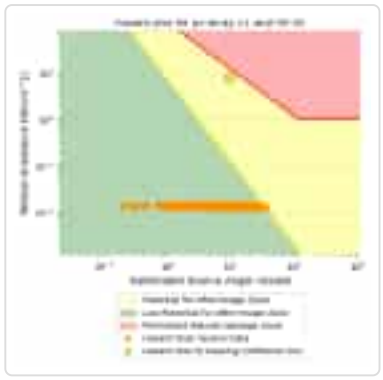
PV array 11: OP 65

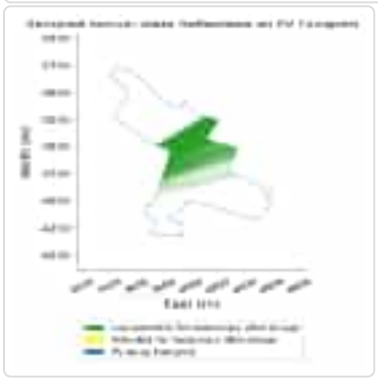
PV array is expected to produce the following glare for this receptor:

- 1,197 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





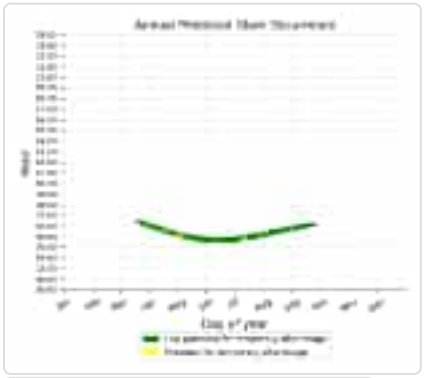


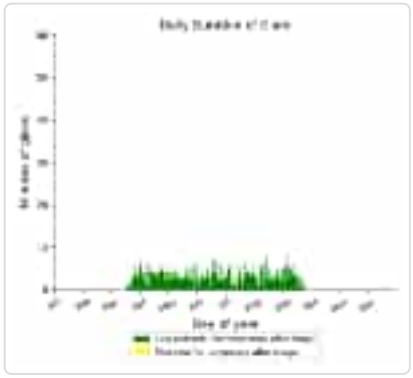


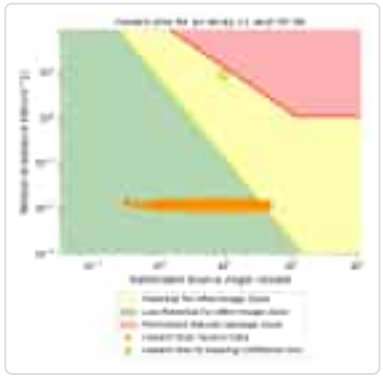
PV array 11: OP 66

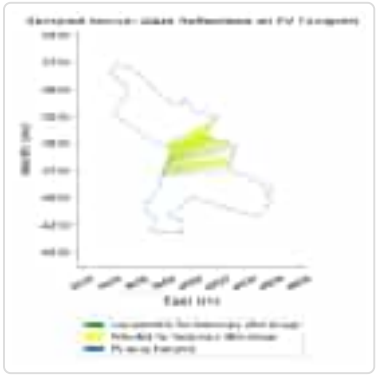
PV array is expected to produce the following glare for this receptor:

- 653 minutes of "green" glare with low potential to cause temporary after-image.
- 17 minutes of "yellow" glare with potential to cause temporary after-image.





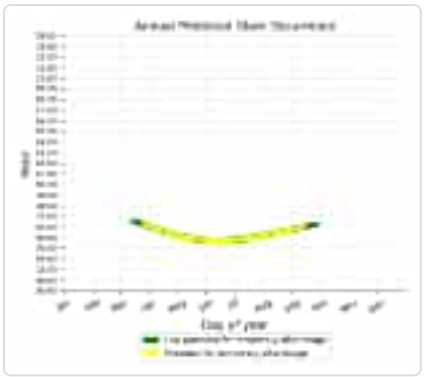


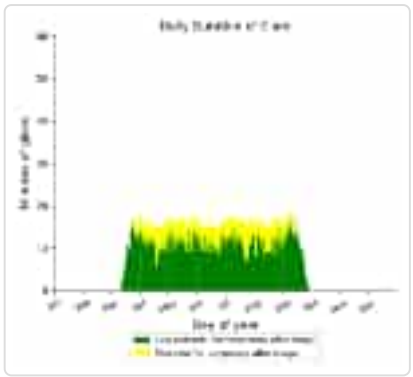


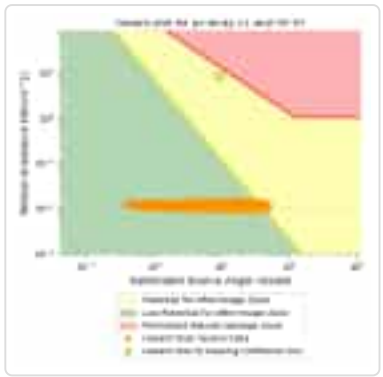
PV array 11: OP 67

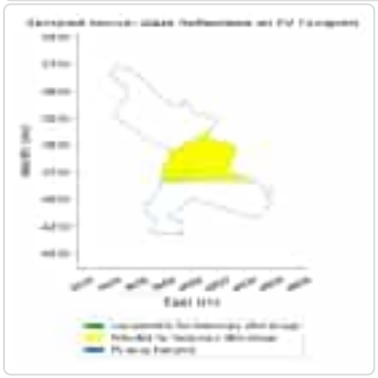
PV array is expected to produce the following glare for this receptor:

- 2,198 minutes of "green" glare with low potential to cause temporary after-image.
- 853 minutes of "yellow" glare with potential to cause temporary after-image.





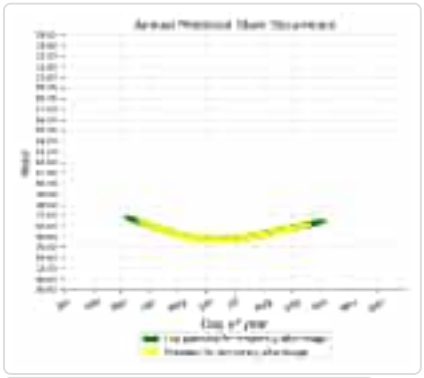


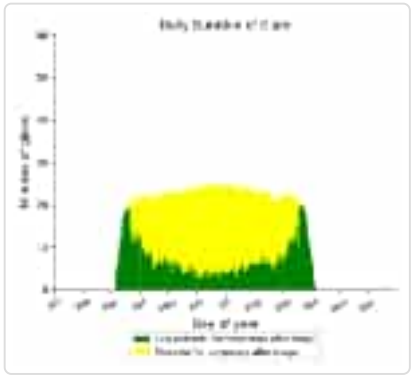


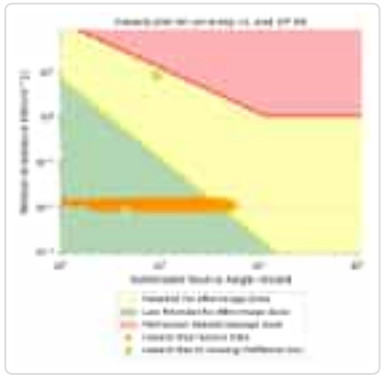
PV array 11: OP 68

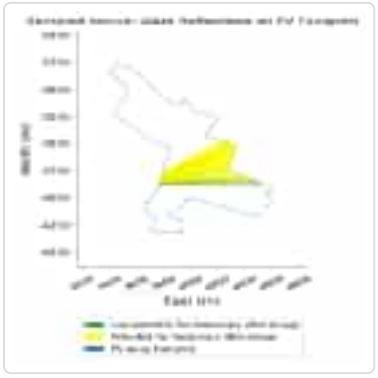
PV array is expected to produce the following glare for this receptor:

- 1,604 minutes of "green" glare with low potential to cause temporary after-image.
- 3,006 minutes of "yellow" glare with potential to cause temporary after-image.





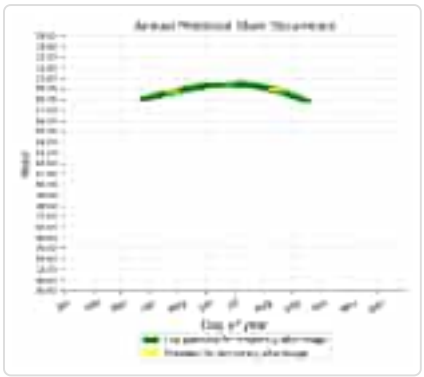


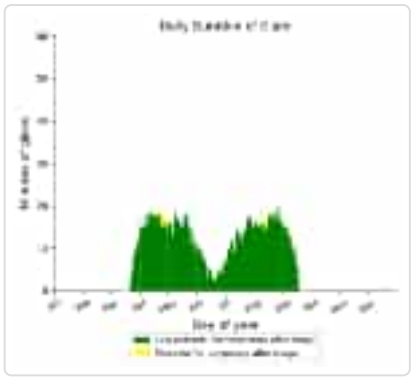


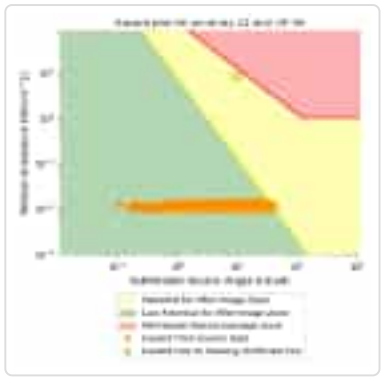
PV array 11: OP 69

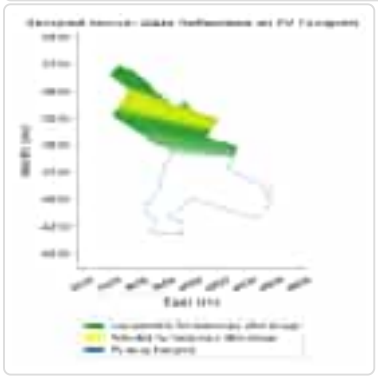
PV array is expected to produce the following glare for this receptor:

- 2,346 minutes of "green" glare with low potential to cause temporary after-image.
- 31 minutes of "yellow" glare with potential to cause temporary after-image.





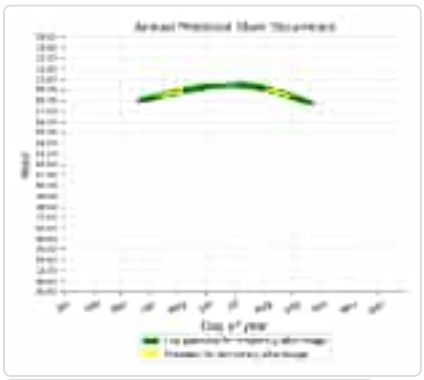


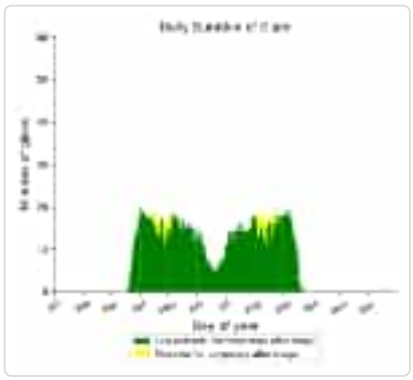


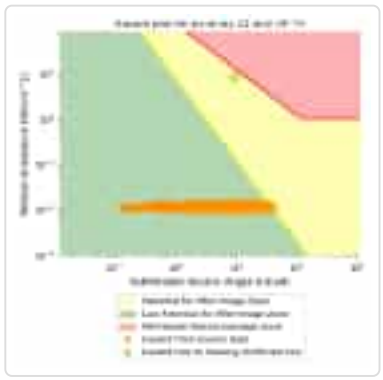
PV array 11: OP 70

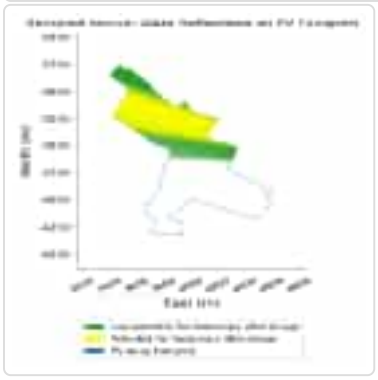
PV array is expected to produce the following glare for this receptor:

- 2,550 minutes of "green" glare with low potential to cause temporary after-image.
- 131 minutes of "yellow" glare with potential to cause temporary after-image.





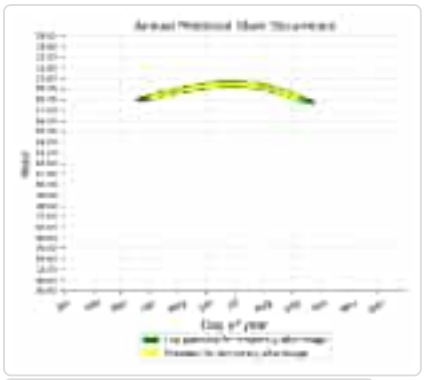


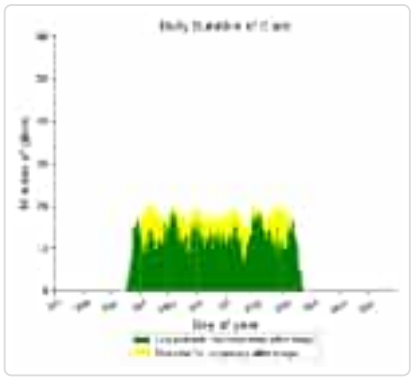


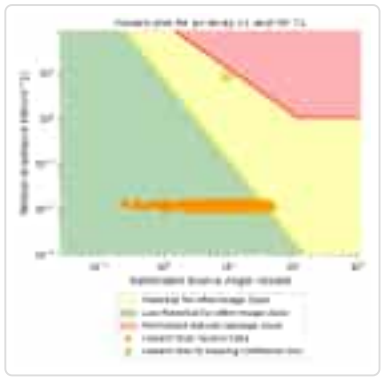
PV array 11: OP 71

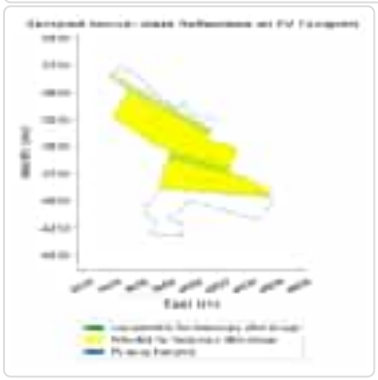
PV array is expected to produce the following glare for this receptor:

- 2,363 minutes of "green" glare with low potential to cause temporary after-image.
- 803 minutes of "yellow" glare with potential to cause temporary after-image.





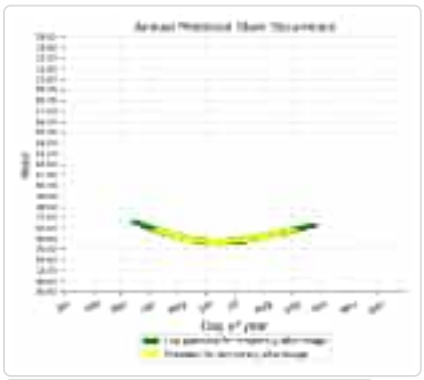


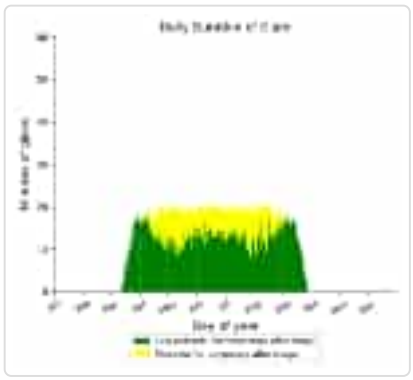


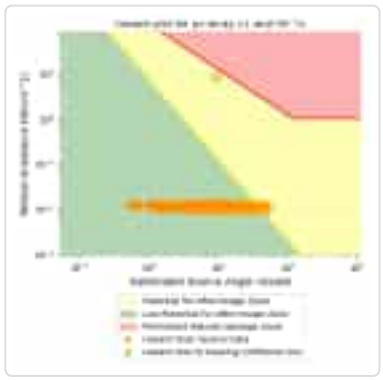
PV array 11: OP 72

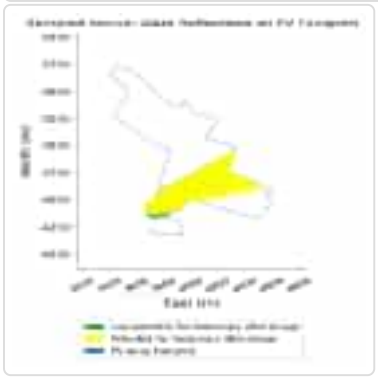
PV array is expected to produce the following glare for this receptor:

- 2,497 minutes of "green" glare with low potential to cause temporary after-image.
- 1,003 minutes of "yellow" glare with potential to cause temporary after-image.





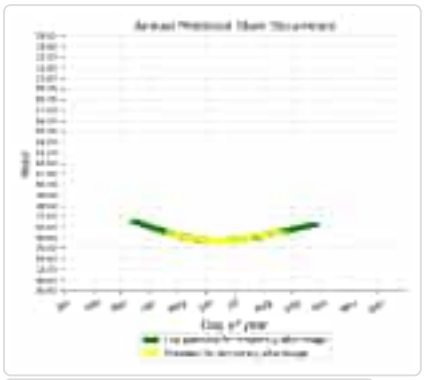


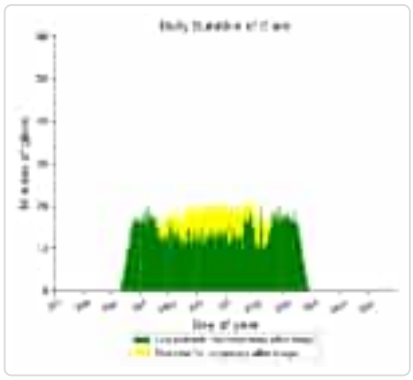


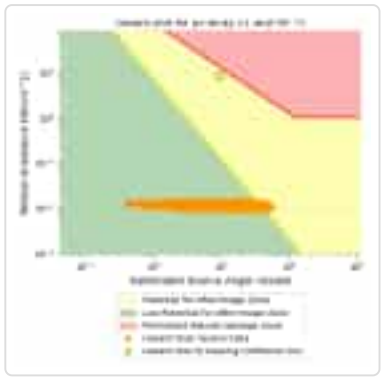
PV array 11: OP 73

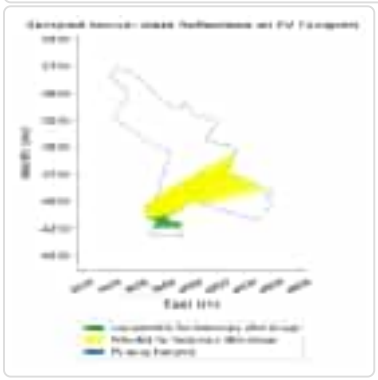
PV array is expected to produce the following glare for this receptor:

- 2,751 minutes of "green" glare with low potential to cause temporary after-image.
- 662 minutes of "yellow" glare with potential to cause temporary after-image.





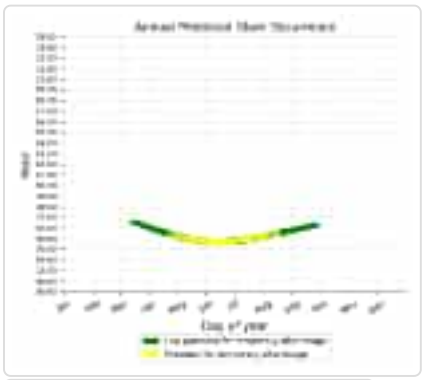


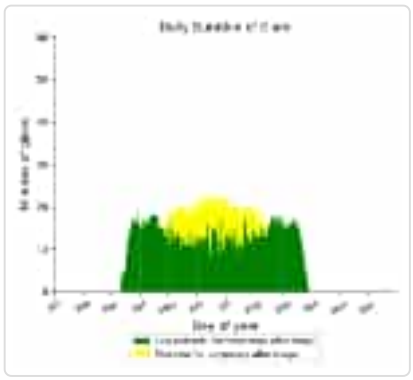


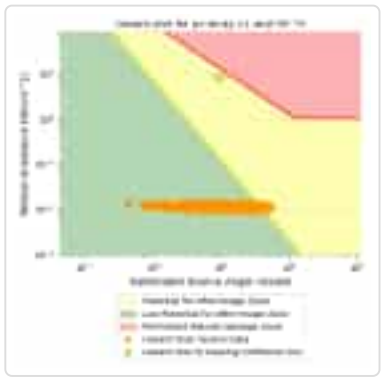
PV array 11: OP 74

PV array is expected to produce the following glare for this receptor:

- 2,715 minutes of "green" glare with low potential to cause temporary after-image.
- 764 minutes of "yellow" glare with potential to cause temporary after-image.



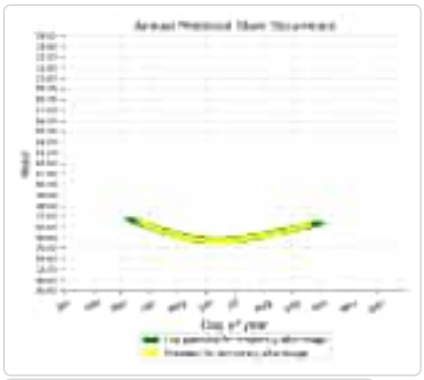


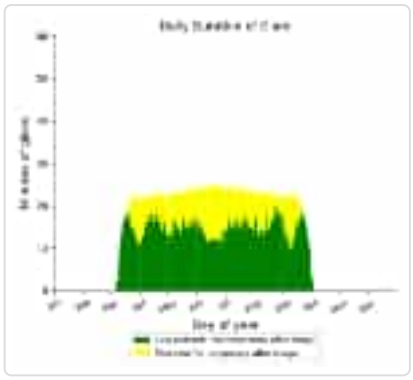


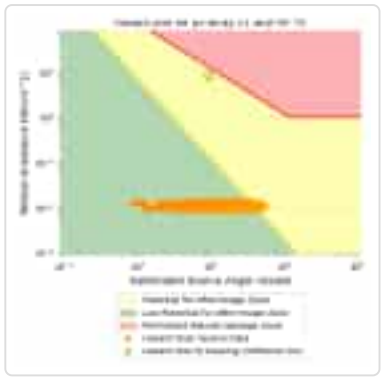
PV array 11: OP 75

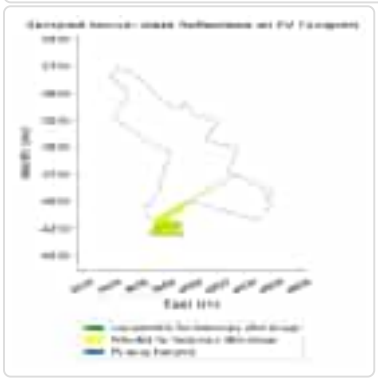
PV array is expected to produce the following glare for this receptor:

- 3,045 minutes of "green" glare with low potential to cause temporary after-image.
- 1,529 minutes of "yellow" glare with potential to cause temporary after-image.





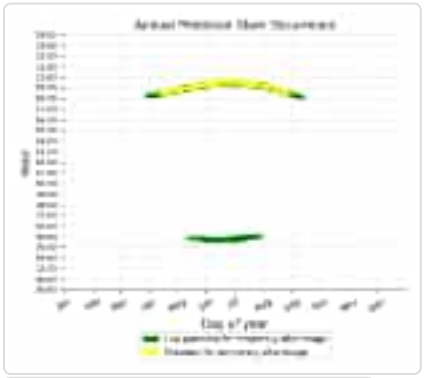


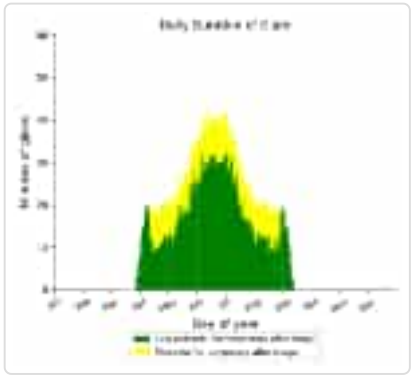


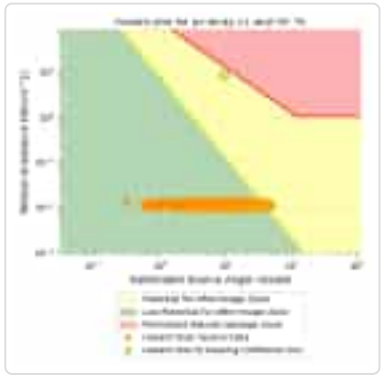
PV array 11: OP 76

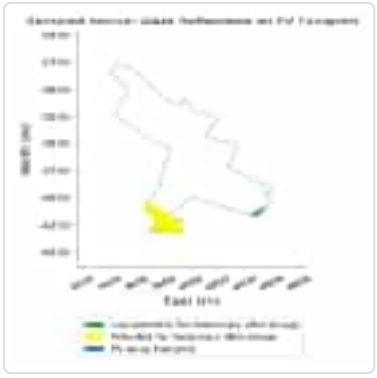
PV array is expected to produce the following glare for this receptor:

- 3,060 minutes of "green" glare with low potential to cause temporary after-image.
- 1,194 minutes of "yellow" glare with potential to cause temporary after-image.





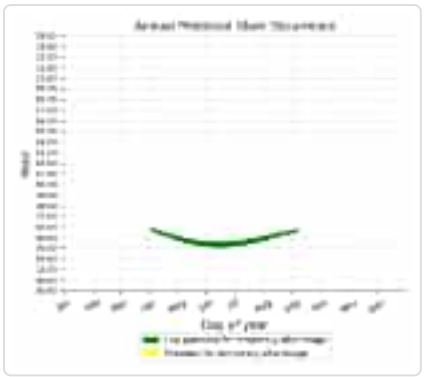


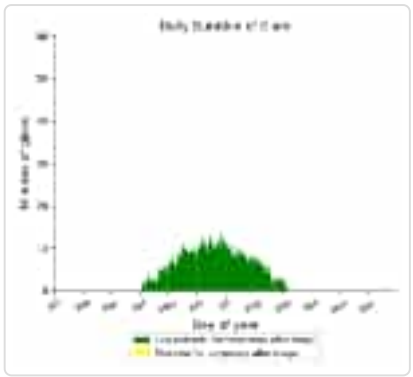


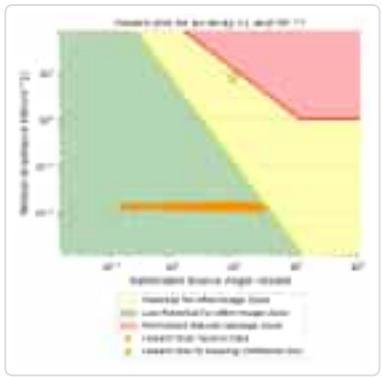
PV array 11: OP 77

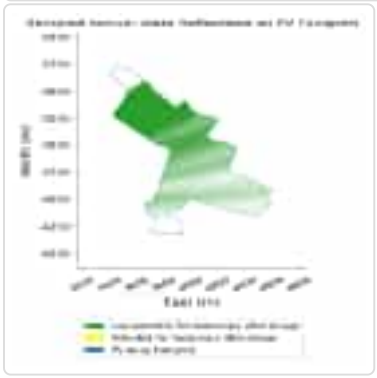
PV array is expected to produce the following glare for this receptor:

- 1,109 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





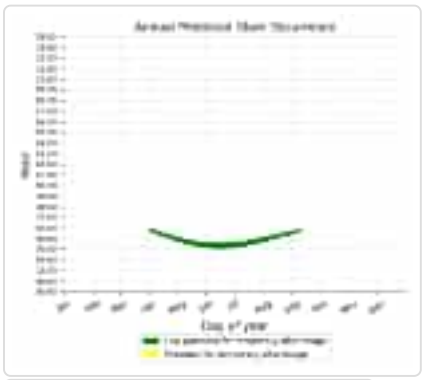


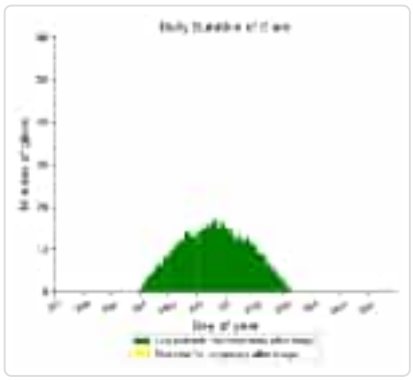


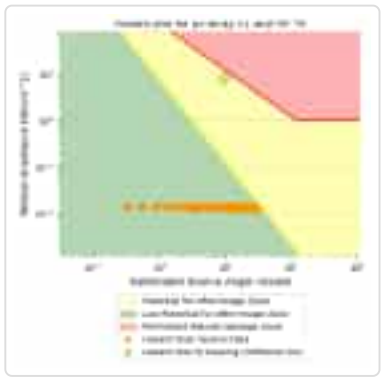
PV array 11: OP 78

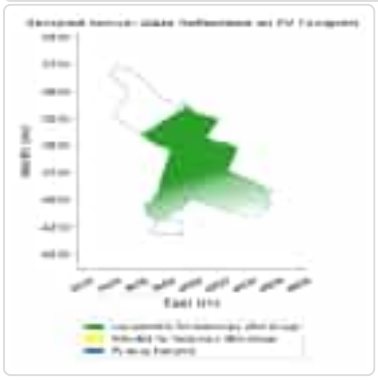
PV array is expected to produce the following glare for this receptor:

- 1,596 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





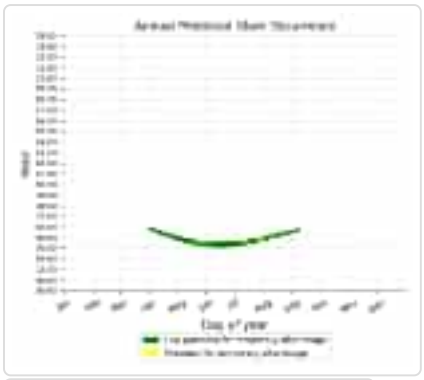


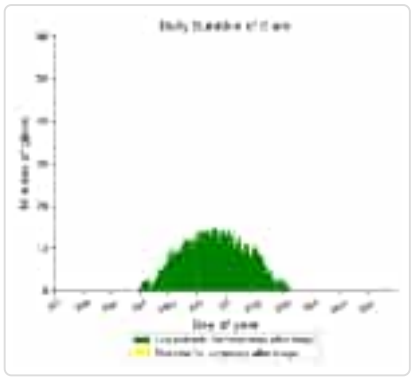


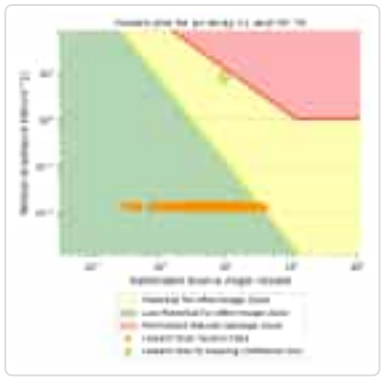
PV array 11: OP 79

PV array is expected to produce the following glare for this receptor:

- 1,365 minutes of "green" glare with low potential to cause temporary after-image.
- 14 minutes of "yellow" glare with potential to cause temporary after-image.



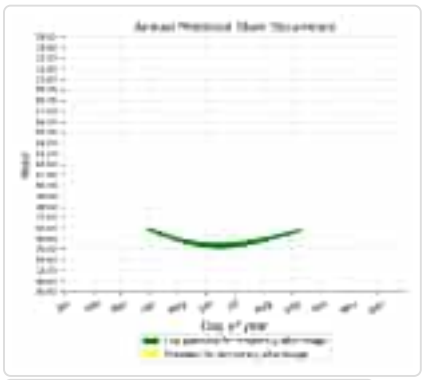


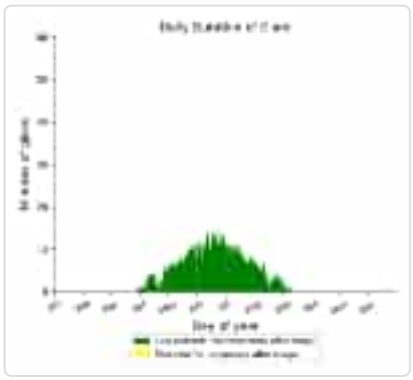


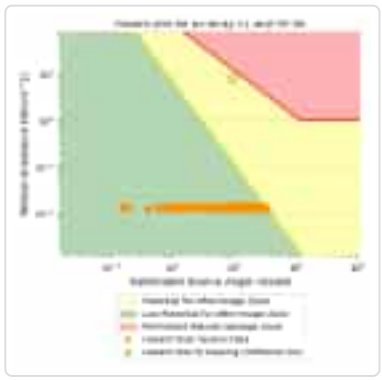
PV array 11: OP 80

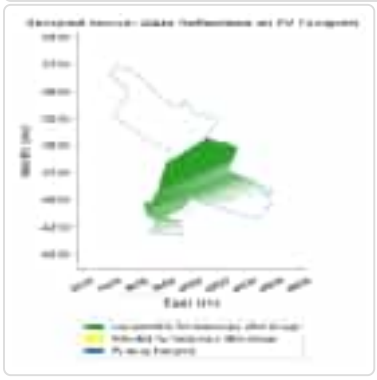
PV array is expected to produce the following glare for this receptor:

- 1,116 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0

OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
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OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	287	0
OP: OP 73	586	0
OP: OP 74	616	0
OP: OP 75	787	0
OP: OP 76	1987	0
OP: OP 77	383	0
OP: OP 78	321	0
OP: OP 79	688	0

OP: OP 80	552	0

PV array 12: OP 1

No glare found

PV array 12: OP 2

No glare found

PV array 12: OP 3

No glare found

PV array 12: OP 4

No glare found

PV array 12: OP 5

No glare found

PV array 12: OP 6

No glare found

PV array 12: OP 7

No glare found

PV array 12: OP 8

No glare found

PV array 12: OP 9

No glare found

PV array 12: OP 10

No glare found

PV array 12: OP 11

No glare found

PV array 12: OP 12

No glare found

PV array 12: OP 13

No glare found

PV array 12: OP 14

No glare found

PV array 12: OP 15

No glare found

PV array 12: OP 16

No glare found

PV array 12: OP 17

No glare found

PV array 12: OP 18

No glare found

PV array 12: OP 19

No glare found

PV array 12: OP 20

No glare found

PV array 12: OP 21

No glare found

PV array 12: OP 22

No glare found

PV array 12: OP 23

No glare found

PV array 12: OP 24

No glare found

PV array 12: OP 25

No glare found

PV array 12: OP 26

No glare found

PV array 12: OP 27

No glare found

PV array 12: OP 28

No glare found

PV array 12: OP 29

No glare found

PV array 12: OP 30

No glare found

PV array 12: OP 31

No glare found

PV array 12: OP 32

No glare found

PV array 12: OP 33

No glare found

PV array 12: OP 34

No glare found

PV array 12: OP 35

No glare found

PV array 12: OP 36

No glare found

PV array 12: OP 37

No glare found

PV array 12: OP 38

No glare found

PV array 12: OP 39

No glare found

PV array 12: OP 40

No glare found

PV array 12: OP 41

No glare found

PV array 12: OP 42

No glare found

PV array 12: OP 43

No glare found

PV array 12: OP 44

No glare found

PV array 12: OP 45

No glare found

PV array 12: OP 46

No glare found

PV array 12: OP 47

No glare found

PV array 12: OP 48

No glare found

PV array 12: OP 49

No glare found

PV array 12: OP 50

No glare found

PV array 12: OP 51

No glare found

PV array 12: OP 52

No glare found

PV array 12: OP 53

No glare found

PV array 12: OP 54

No glare found

PV array 12: OP 55

No glare found

PV array 12: OP 56

No glare found

PV array 12: OP 57

No glare found

PV array 12: OP 58

No glare found

PV array 12: OP 59

No glare found

PV array 12: OP 60

No glare found

PV array 12: OP 61

No glare found

PV array 12: OP 62

No glare found

PV array 12: OP 63

No glare found

PV array 12: OP 64

No glare found

PV array 12: OP 65

No glare found

PV array 12: OP 66

No glare found

PV array 12: OP 67

No glare found

PV array 12: OP 68

No glare found

PV array 12: OP 69

No glare found

PV array 12: OP 70

No glare found

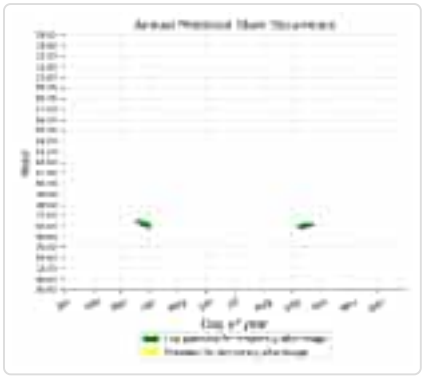
PV array 12: OP 71

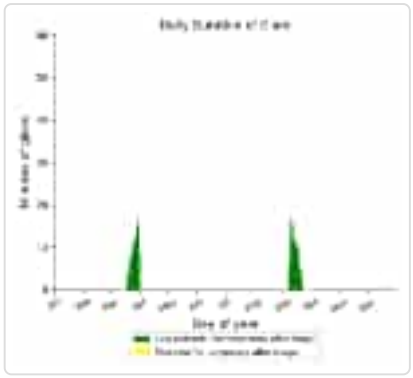
No glare found

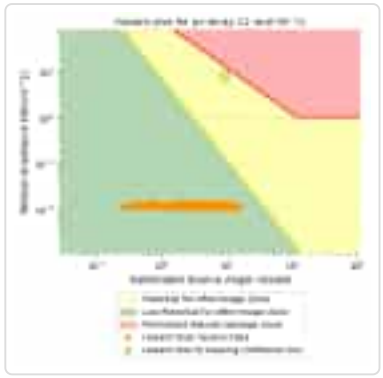
PV array 12: OP 72

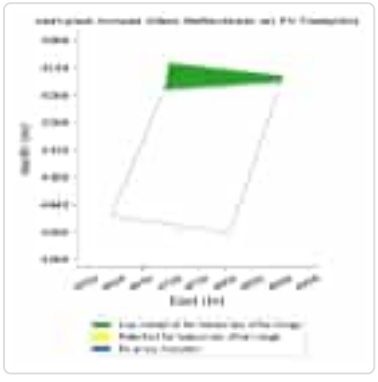
PV array is expected to produce the following glare for this receptor:

- 287 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





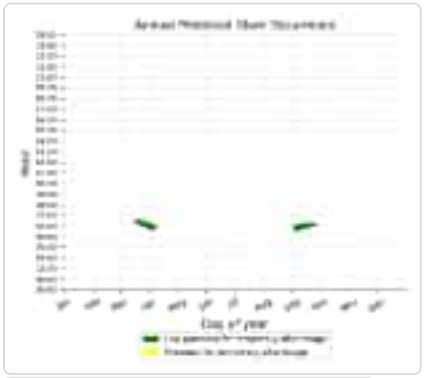


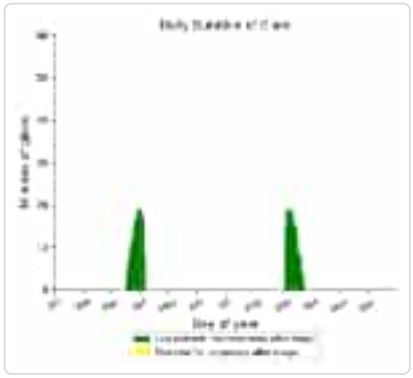


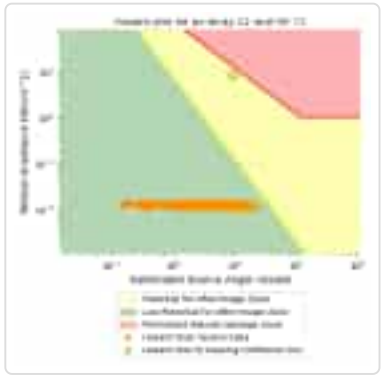
PV array 12: OP 73

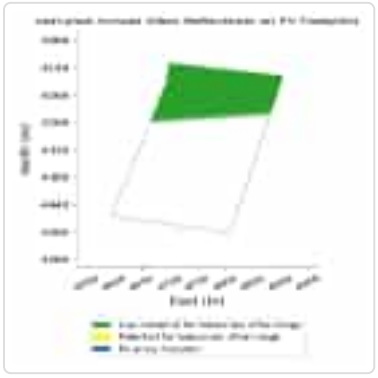
PV array is expected to produce the following glare for this receptor:

- 586 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





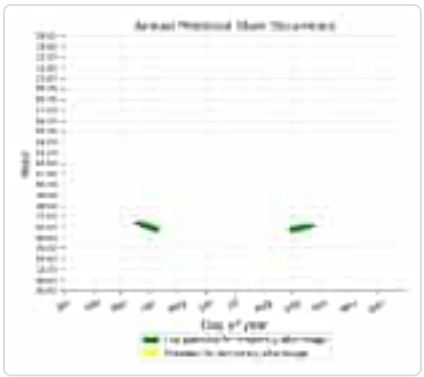


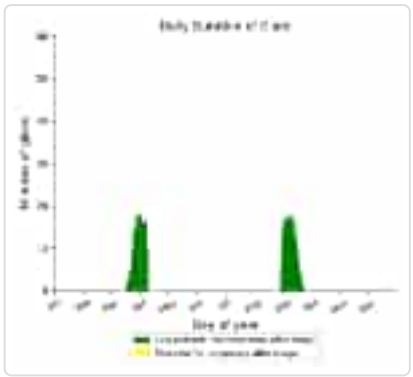


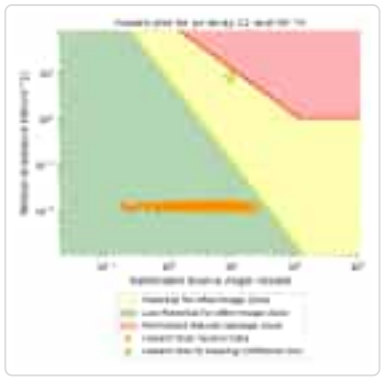
PV array 12: OP 74

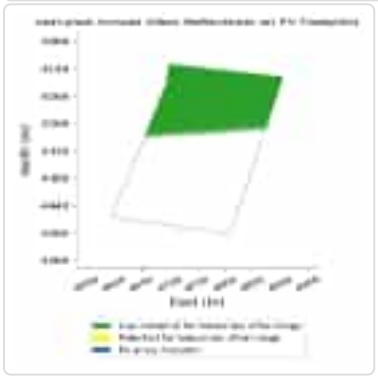
PV array is expected to produce the following glare for this receptor:

- 616 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





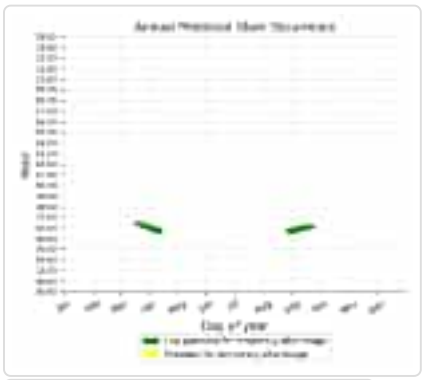


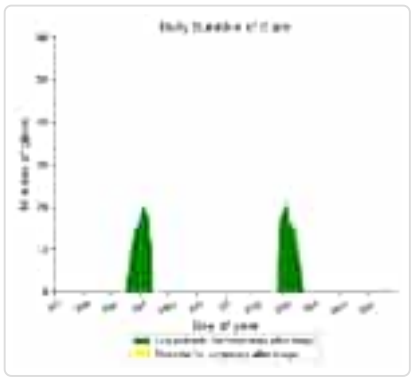


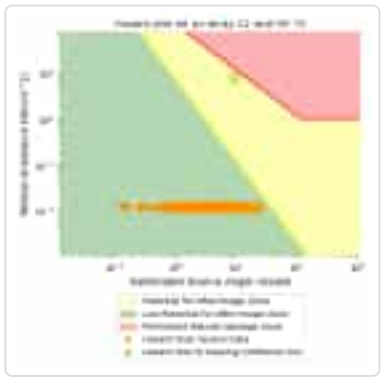
PV array 12: OP 75

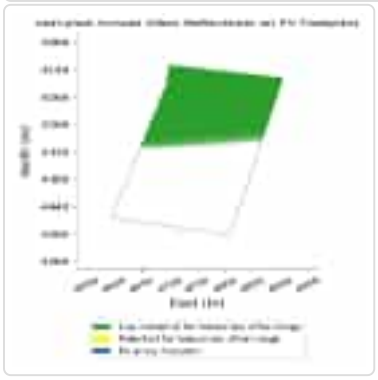
PV array is expected to produce the following glare for this receptor:

- 787 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





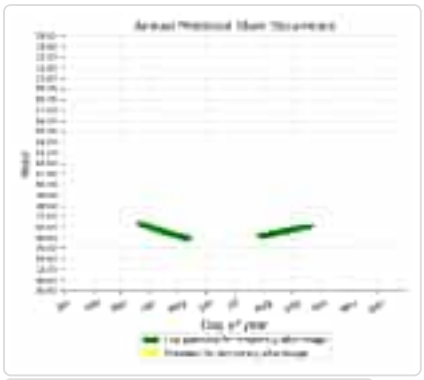


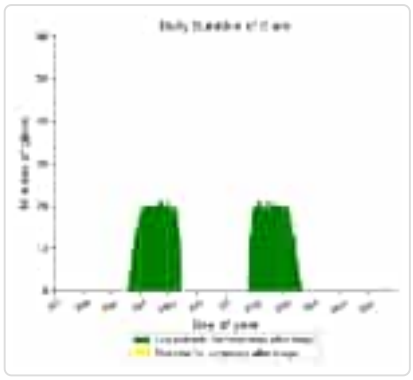


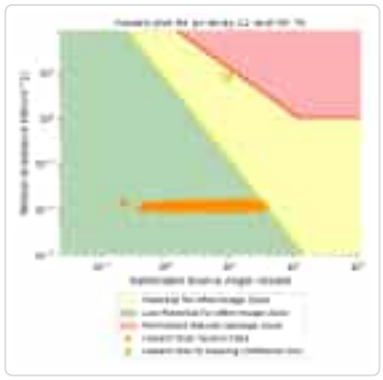
PV array 12: OP 76

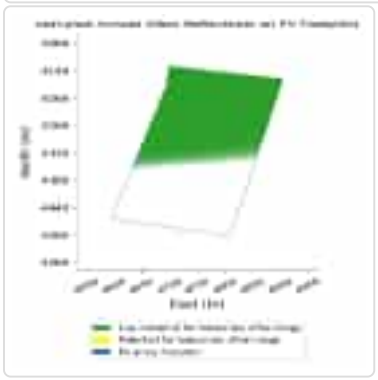
PV array is expected to produce the following glare for this receptor:

- 1,987 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





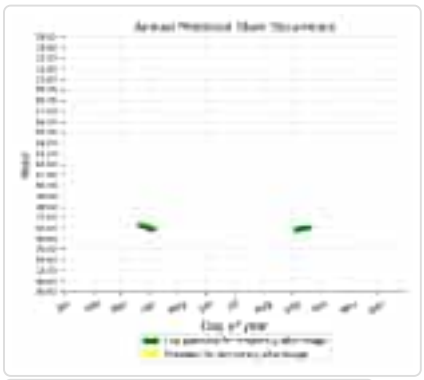


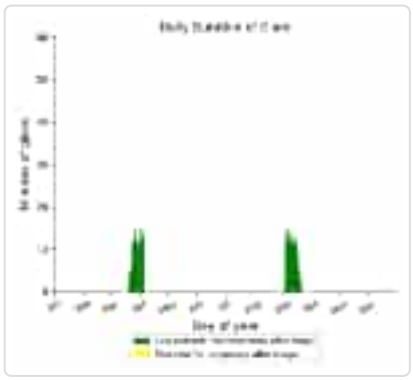


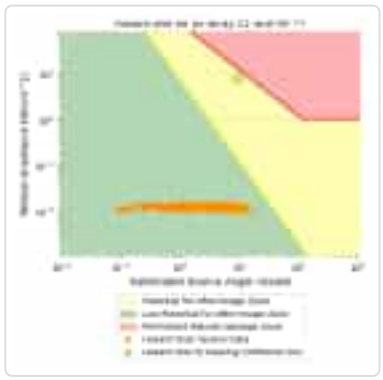
PV array 12: OP 77

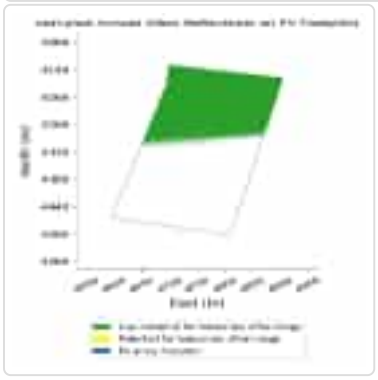
PV array is expected to produce the following glare for this receptor:

- 383 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





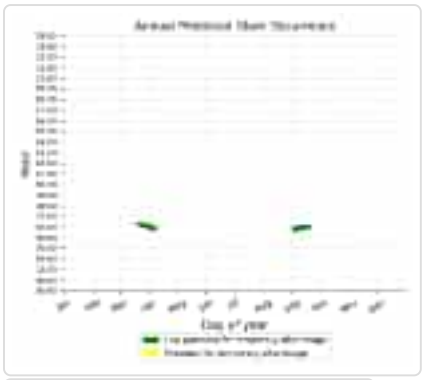


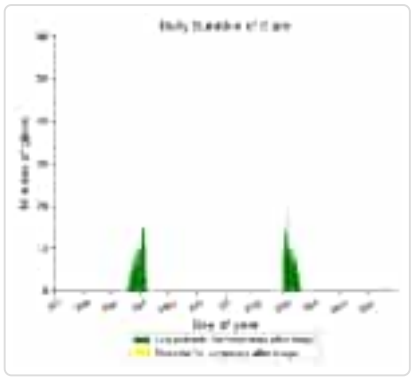


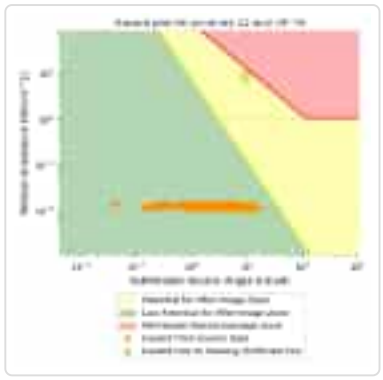
PV array 12: OP 78

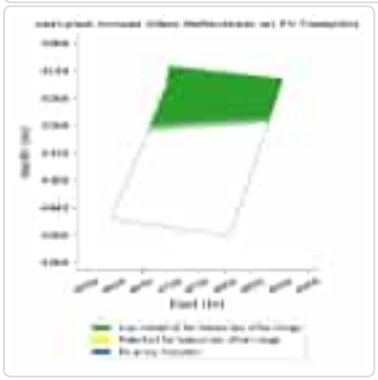
PV array is expected to produce the following glare for this receptor:

- 321 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





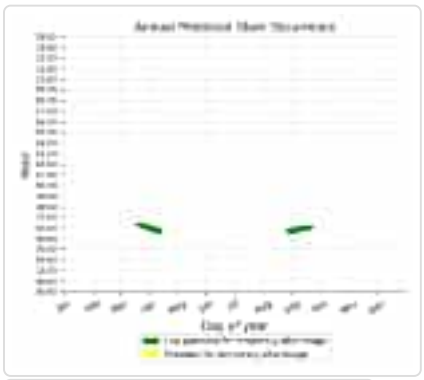


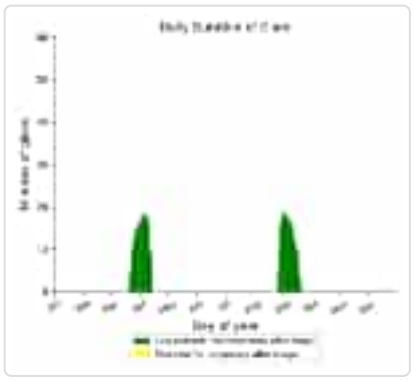


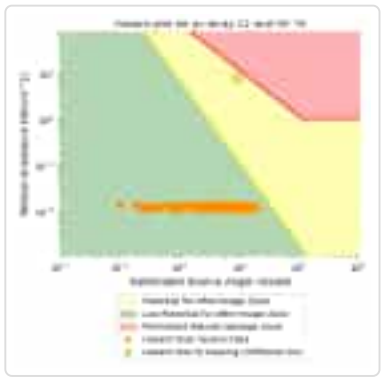
PV array 12: OP 79

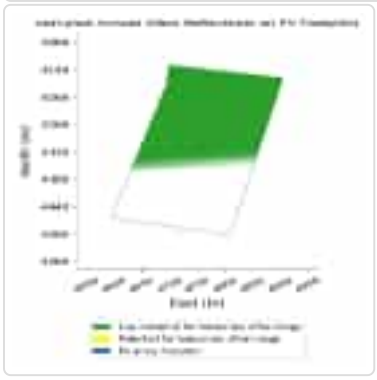
PV array is expected to produce the following glare for this receptor:

- 688 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





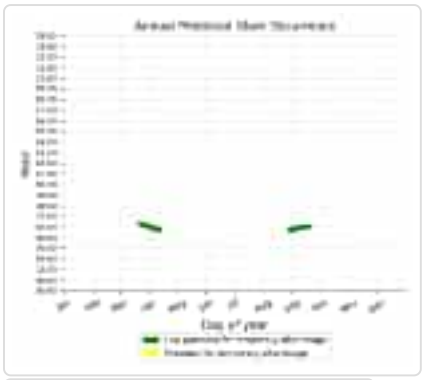


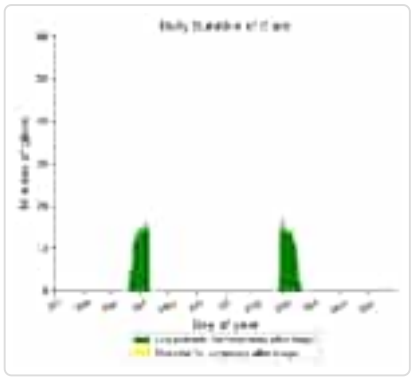


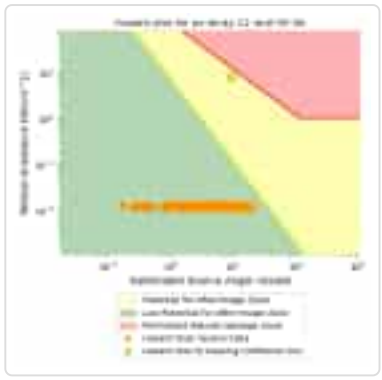
PV array 12: OP 80

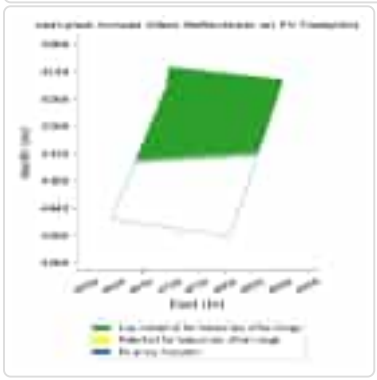
PV array is expected to produce the following glare for this receptor:

- 552 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 13 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)

OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0

OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	61	0
OP: OP 73	258	0
OP: OP 74	357	0
OP: OP 75	339	0
OP: OP 76	0	0
OP: OP 77	1486	3073
OP: OP 78	0	0
OP: OP 79	506	0
OP: OP 80	416	0

PV array 13: OP 1

No glare found

PV array 13: OP 2

No glare found

PV array 13: OP 3

No glare found

PV array 13: OP 4

No glare found

PV array 13: OP 5

No glare found

PV array 13: OP 6

No glare found

PV array 13: OP 7

No glare found

PV array 13: OP 8

No glare found

PV array 13: OP 9

No glare found

PV array 13: OP 10

No glare found

PV array 13: OP 11

No glare found

PV array 13: OP 12

No glare found

PV array 13: OP 13

No glare found

PV array 13: OP 14

No glare found

PV array 13: OP 15

No glare found

PV array 13: OP 16

No glare found

PV array 13: OP 17

No glare found

PV array 13: OP 18

No glare found

PV array 13: OP 19

No glare found

PV array 13: OP 20

No glare found

PV array 13: OP 21

No glare found

PV array 13: OP 22

No glare found

PV array 13: OP 23

No glare found

PV array 13: OP 24

No glare found

PV array 13: OP 25

No glare found

PV array 13: OP 26

No glare found

PV array 13: OP 27

No glare found

PV array 13: OP 28

No glare found

PV array 13: OP 29

No glare found

PV array 13: OP 30

No glare found

PV array 13: OP 31

No glare found

PV array 13: OP 32

No glare found

PV array 13: OP 33

No glare found

PV array 13: OP 34

No glare found

PV array 13: OP 35

No glare found

PV array 13: OP 36

No glare found

PV array 13: OP 37

No glare found

PV array 13: OP 38

No glare found

PV array 13: OP 39

No glare found

PV array 13: OP 40

No glare found

PV array 13: OP 41

No glare found

PV array 13: OP 42

No glare found

PV array 13: OP 43

No glare found

PV array 13: OP 44

No glare found

PV array 13: OP 45

No glare found

PV array 13: OP 46

No glare found

PV array 13: OP 47

No glare found

PV array 13: OP 48

No glare found

PV array 13: OP 49

No glare found

PV array 13: OP 50

No glare found

PV array 13: OP 51

No glare found

PV array 13: OP 52

No glare found

PV array 13: OP 53

No glare found

PV array 13: OP 54

No glare found

PV array 13: OP 55

No glare found

PV array 13: OP 56

No glare found

PV array 13: OP 57

No glare found

PV array 13: OP 58

No glare found

PV array 13: OP 59

No glare found

PV array 13: OP 60

No glare found

PV array 13: OP 61

No glare found

PV array 13: OP 62

No glare found

PV array 13: OP 63

No glare found

PV array 13: OP 64

No glare found

PV array 13: OP 65

No glare found

PV array 13: OP 66

No glare found

PV array 13: OP 67

No glare found

PV array 13: OP 68

No glare found

PV array 13: OP 69

No glare found

PV array 13: OP 70

No glare found

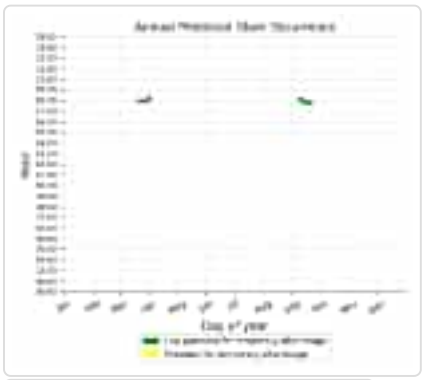
PV array 13: OP 71

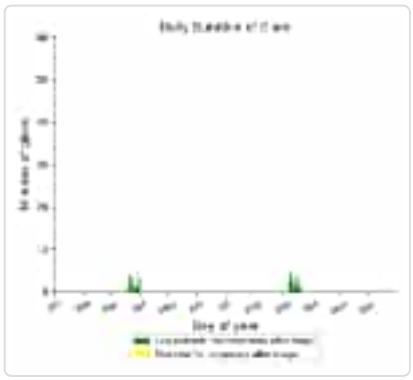
No glare found

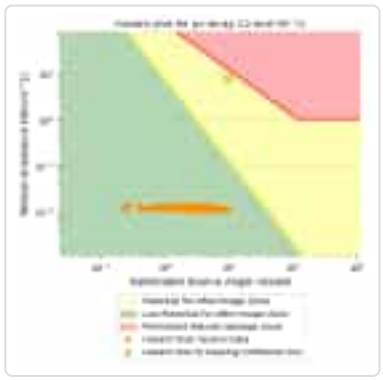
PV array 13: OP 72

PV array is expected to produce the following glare for this receptor:

- 61 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



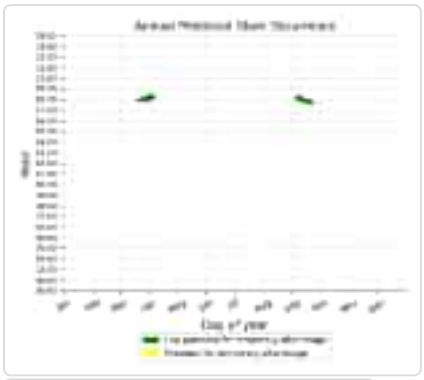


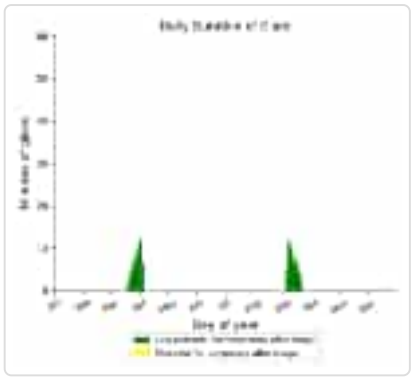


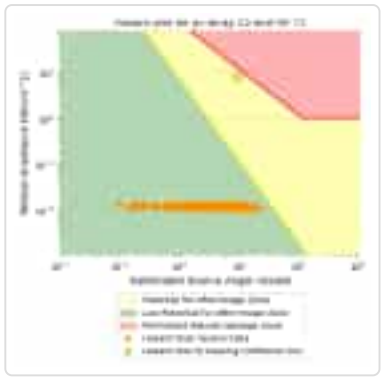
PV array 13: OP 73

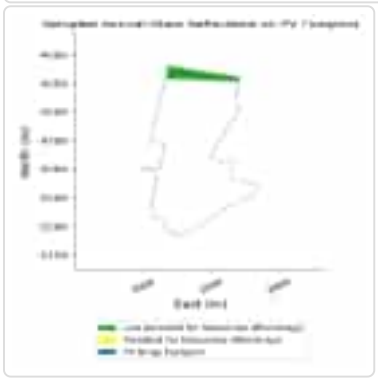
PV array is expected to produce the following glare for this receptor:

- 258 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





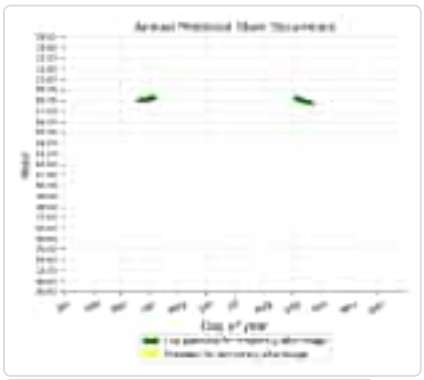


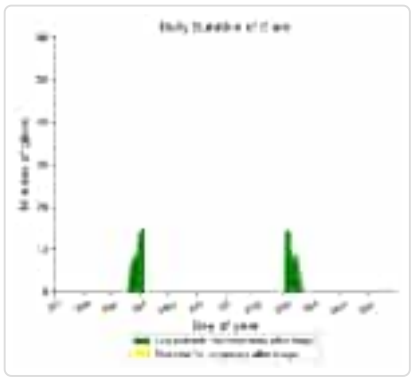


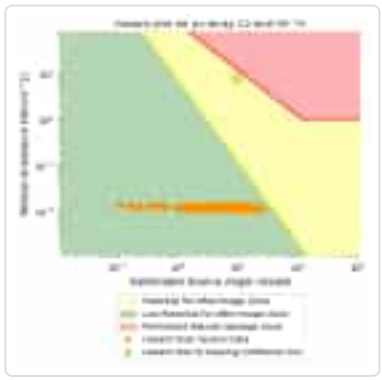
PV array 13: OP 74

PV array is expected to produce the following glare for this receptor:

- 357 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



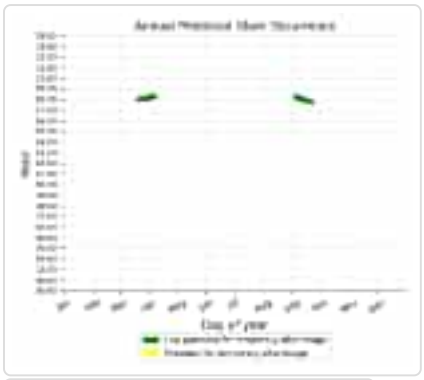


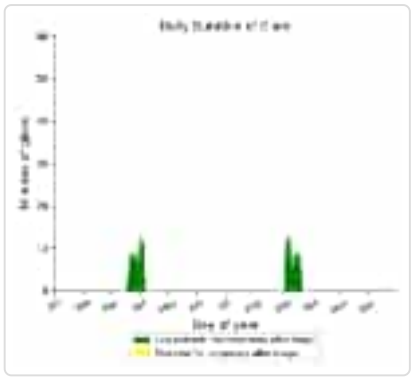


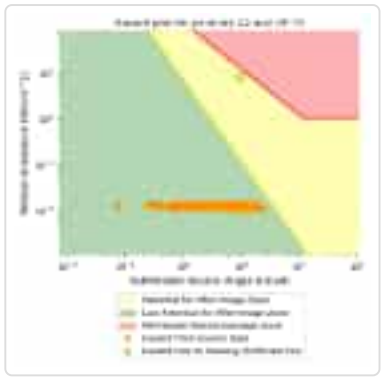
PV array 13: OP 75

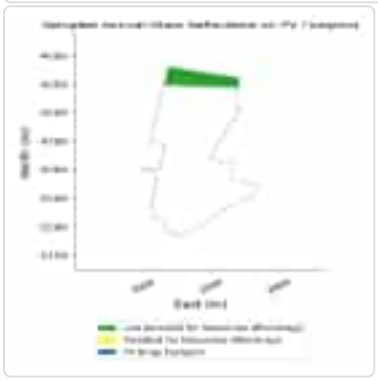
PV array is expected to produce the following glare for this receptor:

- 339 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









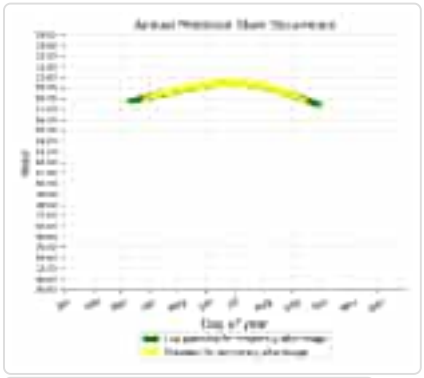
PV array 13: OP 76

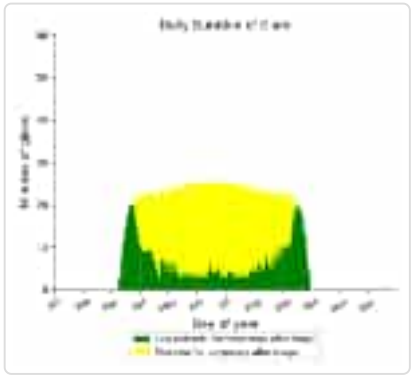
No glare found

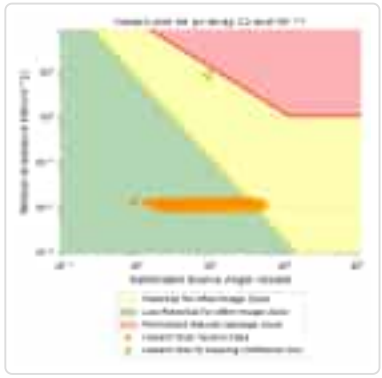
PV array 13: OP 77

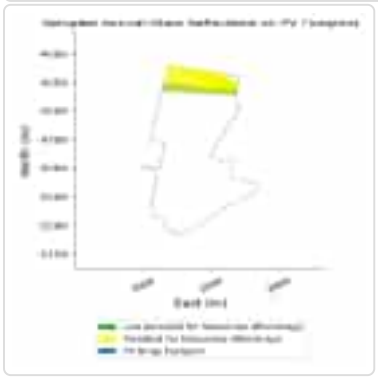
PV array is expected to produce the following glare for this receptor:

- 1,486 minutes of "green" glare with low potential to cause temporary after-image.
- 3,073 minutes of "yellow" glare with potential to cause temporary after-image.









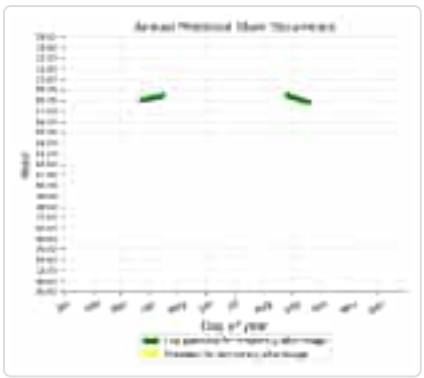
PV array 13: OP 78

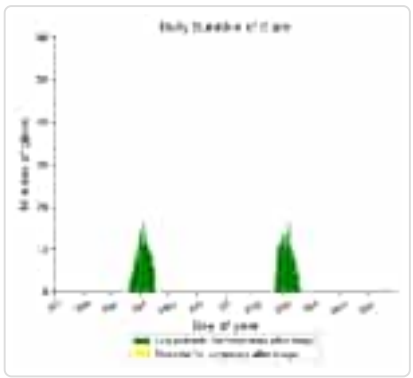
No glare found

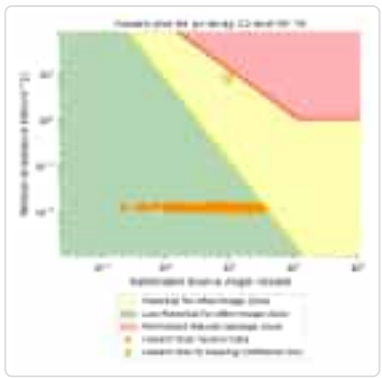
PV array 13: OP 79

PV array is expected to produce the following glare for this receptor:

- 506 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



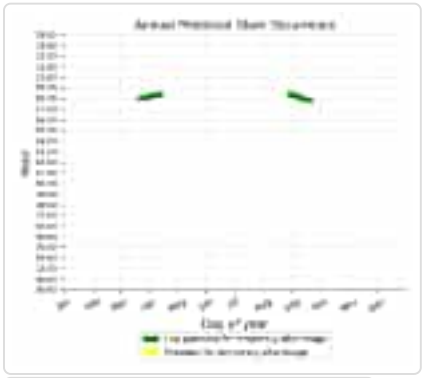


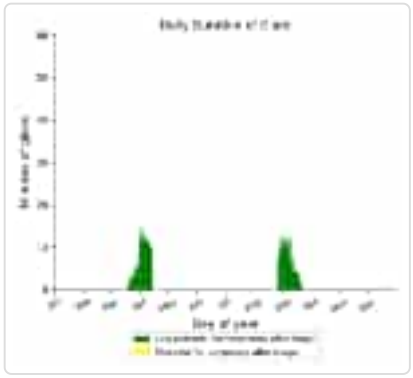


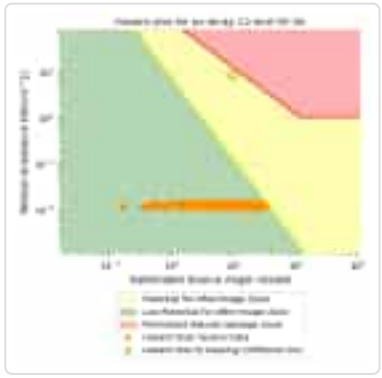
PV array 13: OP 80

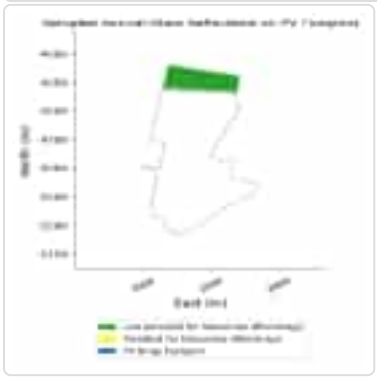
PV array is expected to produce the following glare for this receptor:

- 416 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0

OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	912	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	936	0
OP: OP 73	1235	0
OP: OP 74	1393	0
OP: OP 75	1288	0
OP: OP 76	938	0
OP: OP 77	4315	152
OP: OP 78	3489	0
OP: OP 79	4785	0

OP: OP 80	4705	0

PV array 14: OP 1

No glare found

PV array 14: OP 2

No glare found

PV array 14: OP 3

No glare found

PV array 14: OP 4

No glare found

PV array 14: OP 5

No glare found

PV array 14: OP 6

No glare found

PV array 14: OP 7

No glare found

PV array 14: OP 8

No glare found

PV array 14: OP 9

No glare found

PV array 14: OP 10

No glare found

PV array 14: OP 11

No glare found

PV array 14: OP 12

No glare found

PV array 14: OP 13

No glare found

PV array 14: OP 14

No glare found

PV array 14: OP 15

No glare found

PV array 14: OP 16

No glare found

PV array 14: OP 17

No glare found

PV array 14: OP 18

No glare found

PV array 14: OP 19

No glare found

PV array 14: OP 20

No glare found

PV array 14: OP 21

No glare found

PV array 14: OP 22

No glare found

PV array 14: OP 23

No glare found

PV array 14: OP 24

No glare found

PV array 14: OP 25

No glare found

PV array 14: OP 26

No glare found

PV array 14: OP 27

No glare found

PV array 14: OP 28

No glare found

PV array 14: OP 29

No glare found

PV array 14: OP 30

No glare found

PV array 14: OP 31

No glare found

PV array 14: OP 32

No glare found

PV array 14: OP 33

No glare found

PV array 14: OP 34

No glare found

PV array 14: OP 35

No glare found

PV array 14: OP 36

No glare found

PV array 14: OP 37

No glare found

PV array 14: OP 38

No glare found

PV array 14: OP 39

No glare found

PV array 14: OP 40

No glare found

PV array 14: OP 41

No glare found

PV array 14: OP 42

No glare found

PV array 14: OP 43

No glare found

PV array 14: OP 44

No glare found

PV array 14: OP 45

No glare found

PV array 14: OP 46

No glare found

PV array 14: OP 47

No glare found

PV array 14: OP 48

No glare found

PV array 14: OP 49

No glare found

PV array 14: OP 50

No glare found

PV array 14: OP 51

No glare found

PV array 14: OP 52

No glare found

PV array 14: OP 53

No glare found

PV array 14: OP 54

No glare found

PV array 14: OP 55

No glare found

PV array 14: OP 56

No glare found

PV array 14: OP 57

No glare found

PV array 14: OP 58

No glare found

PV array 14: OP 59

No glare found

PV array 14: OP 60

No glare found

PV array 14: OP 61

No glare found

PV array 14: OP 62

No glare found

PV array 14: OP 63

No glare found

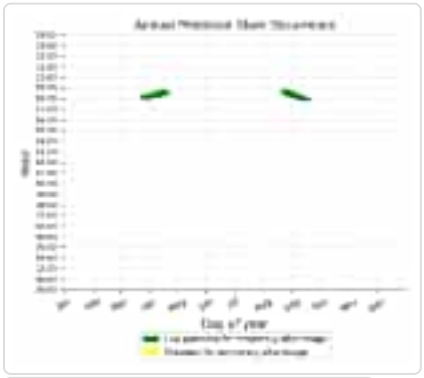
PV array 14: OP 64

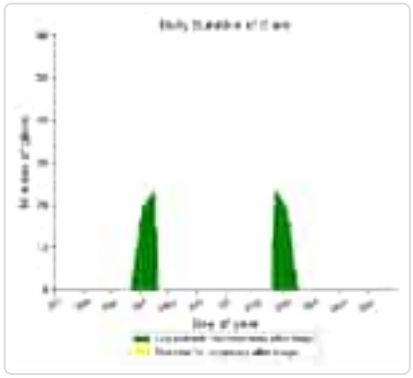
No glare found

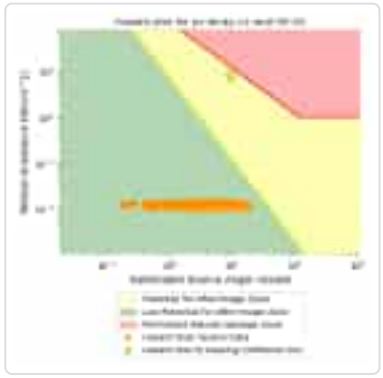
PV array 14: OP 65

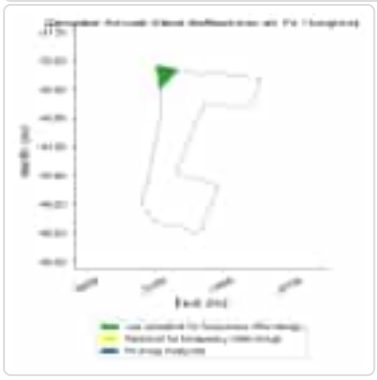
PV array is expected to produce the following glare for this receptor:

- 912 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14: OP 66

No glare found

PV array 14: OP 67

No glare found

PV array 14: OP 68

No glare found

PV array 14: OP 69

No glare found

PV array 14: OP 70

No glare found

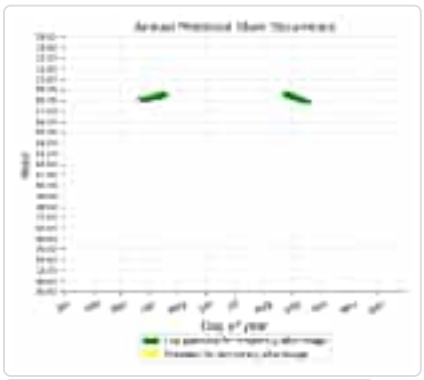
PV array 14: OP 71

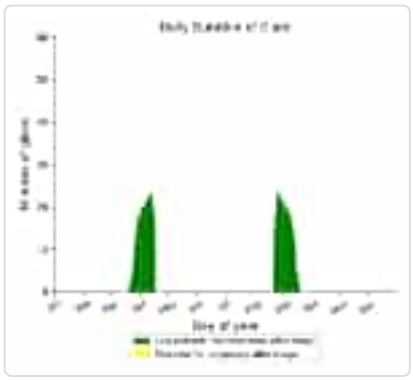
No glare found

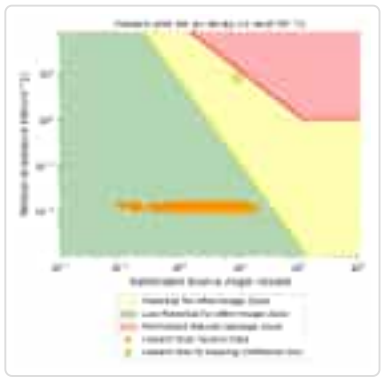
PV array 14: OP 72

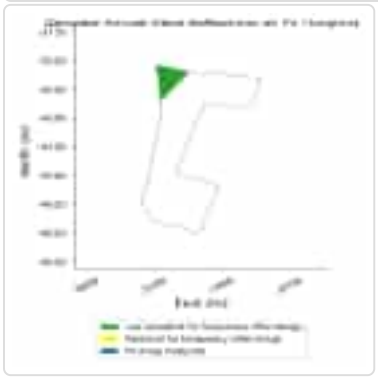
PV array is expected to produce the following glare for this receptor:

- 936 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





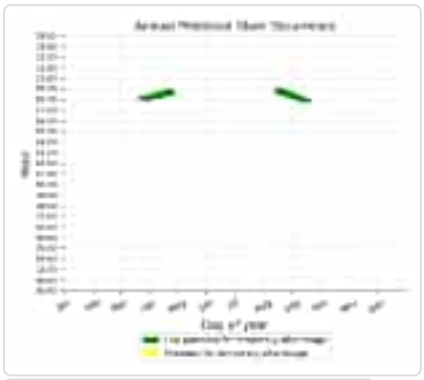


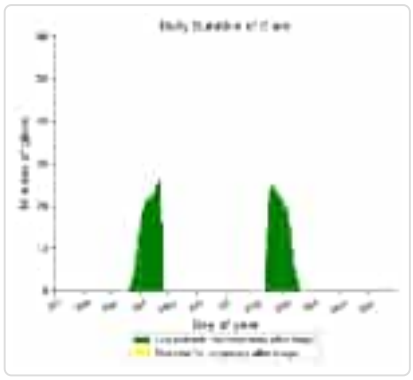


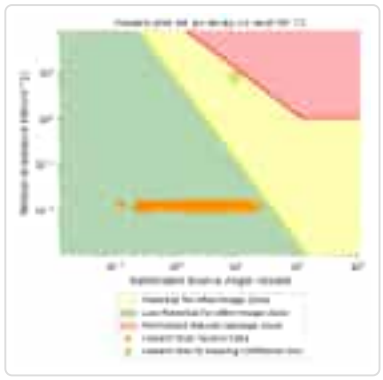
PV array 14: OP 73

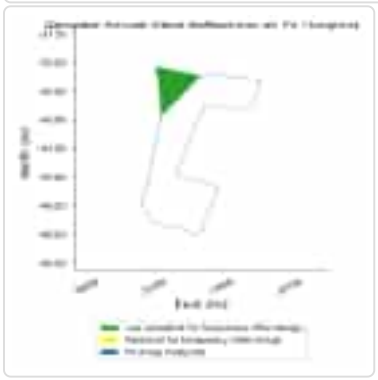
PV array is expected to produce the following glare for this receptor:

- 1,235 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





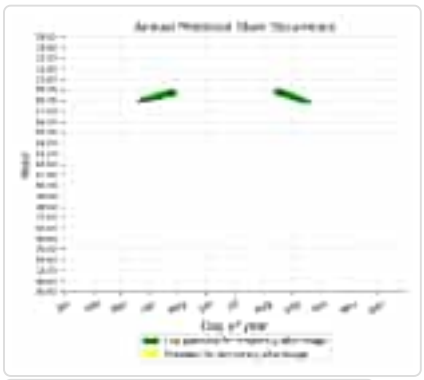


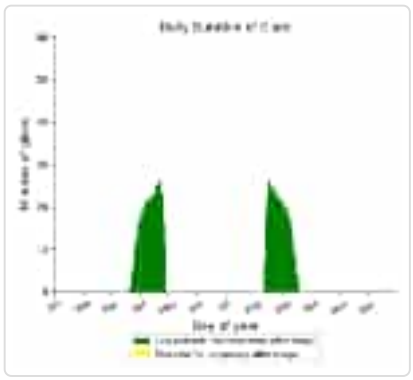


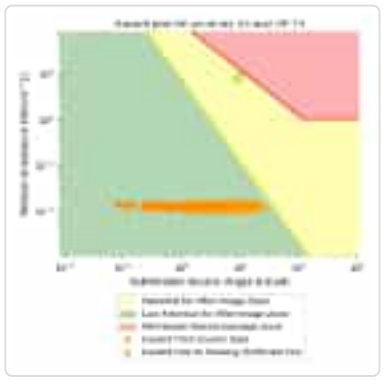
PV array 14: OP 74

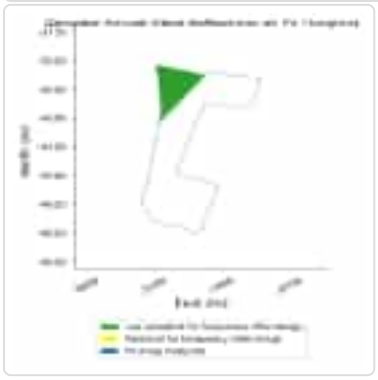
PV array is expected to produce the following glare for this receptor:

- 1,393 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





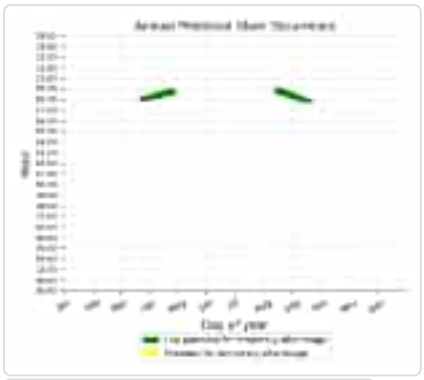


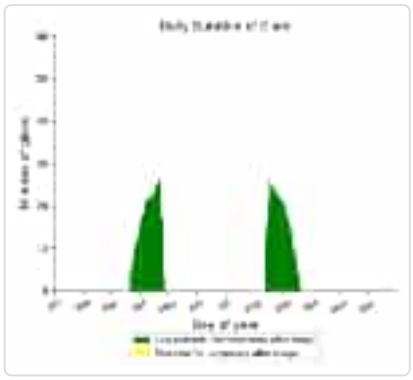


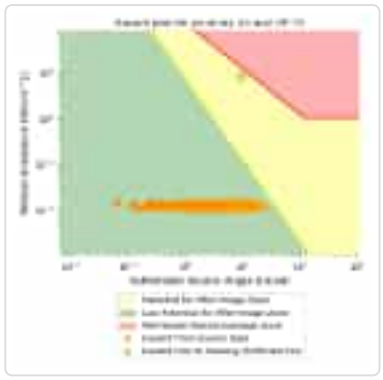
PV array 14: OP 75

PV array is expected to produce the following glare for this receptor:

- 1,288 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



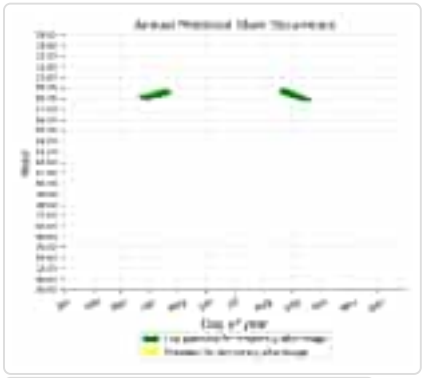


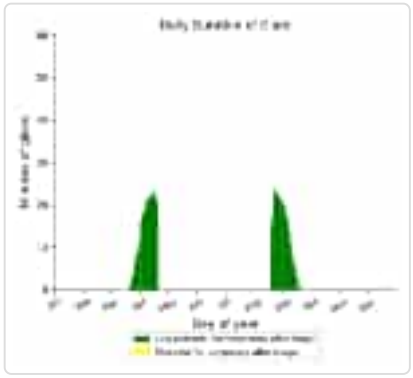


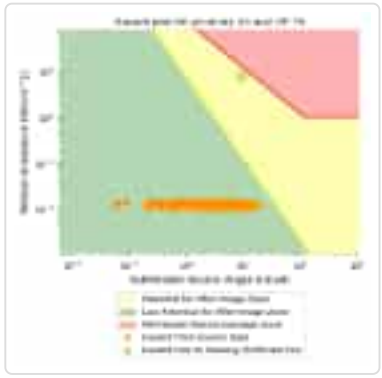
PV array 14: OP 76

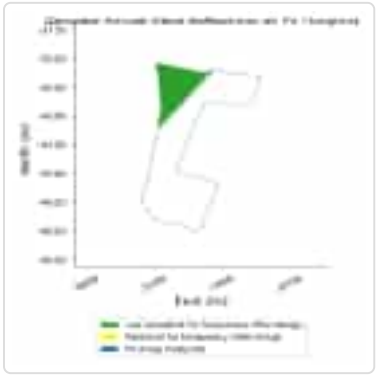
PV array is expected to produce the following glare for this receptor:

- 938 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





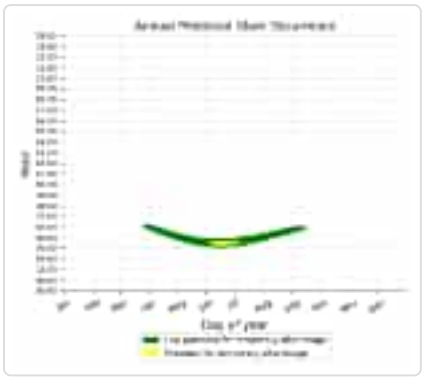


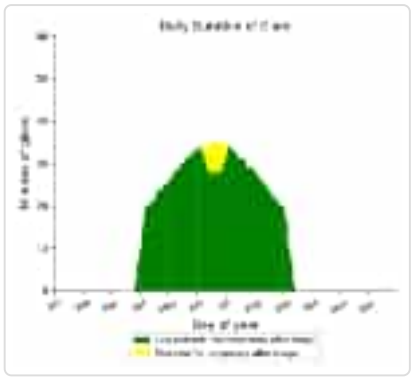


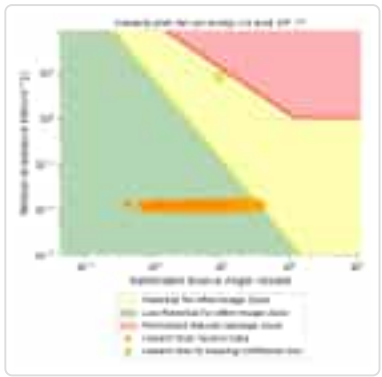
PV array 14: OP 77

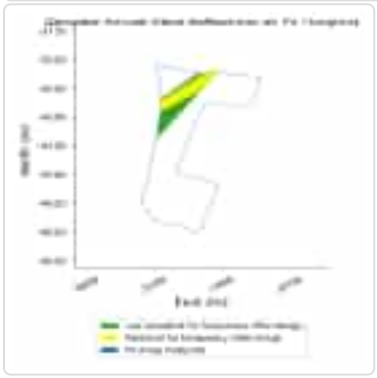
PV array is expected to produce the following glare for this receptor:

- 4,315 minutes of "green" glare with low potential to cause temporary after-image.
- 152 minutes of "yellow" glare with potential to cause temporary after-image.





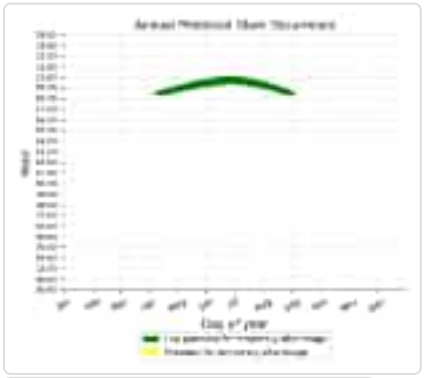


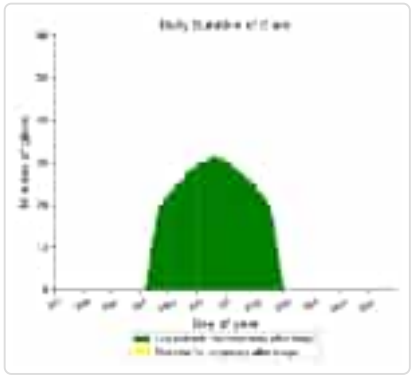


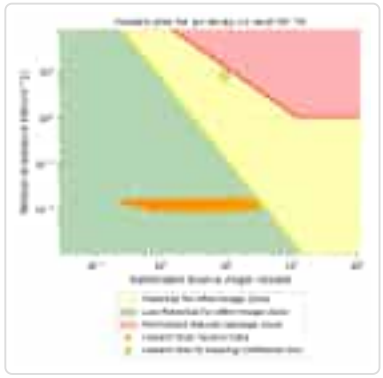
PV array 14: OP 78

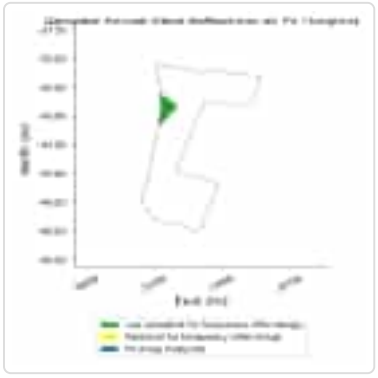
PV array is expected to produce the following glare for this receptor:

- 3,489 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





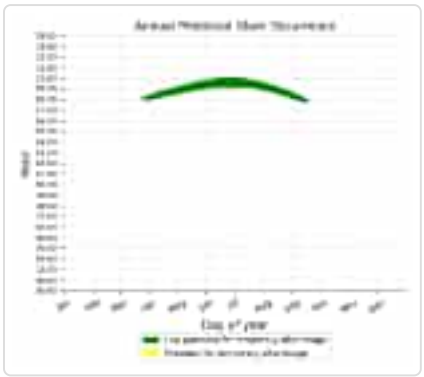


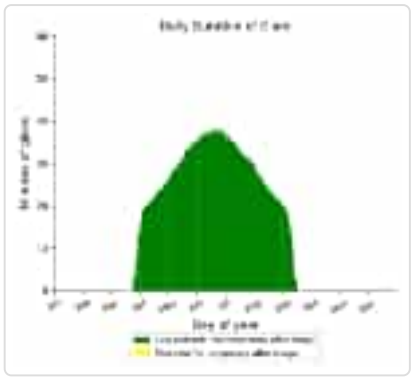


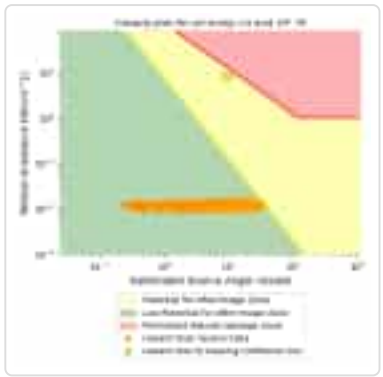
PV array 14: OP 79

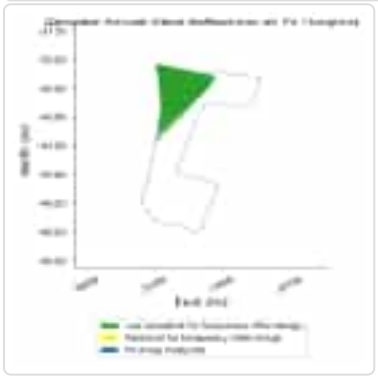
PV array is expected to produce the following glare for this receptor:

- 4,785 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





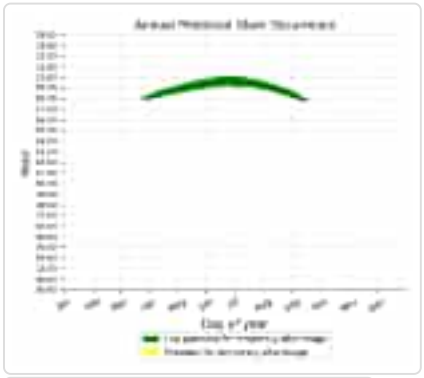


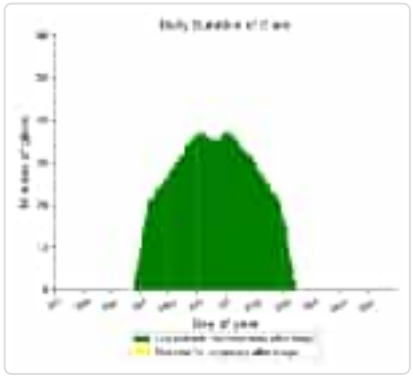


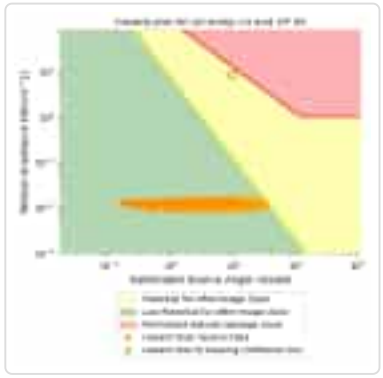
PV array 14: OP 80

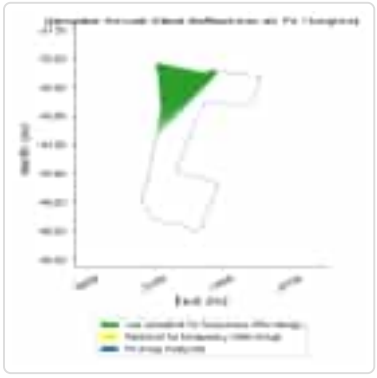
PV array is expected to produce the following glare for this receptor:

- 4,705 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 2 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0

OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	27	0
OP: OP 38	0	0
OP: OP 39	122	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	700	0
OP: OP 47	268	0
OP: OP 48	130	0
OP: OP 49	31	0
OP: OP 50	568	0
OP: OP 51	730	0
OP: OP 52	334	0
OP: OP 53	226	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0

OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

PV array 2: OP 1

No glare found

PV array 2: OP 2

No glare found

PV array 2: OP 3

No glare found

PV array 2: OP 4

No glare found

PV array 2: OP 5

No glare found

PV array 2: OP 6

No glare found

PV array 2: OP 7

No glare found

PV array 2: OP 8

No glare found

PV array 2: OP 9

No glare found

PV array 2: OP 10

No glare found

PV array 2: OP 11

No glare found

PV array 2: OP 12

No glare found

PV array 2: OP 13

No glare found

PV array 2: OP 14

No glare found

PV array 2: OP 15

No glare found

PV array 2: OP 16

No glare found

PV array 2: OP 17

No glare found

PV array 2: OP 18

No glare found

PV array 2: OP 19

No glare found

PV array 2: OP 20

No glare found

PV array 2: OP 21

No glare found

PV array 2: OP 22

No glare found

PV array 2: OP 23

No glare found

PV array 2: OP 24

No glare found

PV array 2: OP 25

No glare found

PV array 2: OP 26

No glare found

PV array 2: OP 27

No glare found

PV array 2: OP 28

No glare found

PV array 2: OP 29

No glare found

PV array 2: OP 30

No glare found

PV array 2: OP 31

No glare found

PV array 2: OP 32

No glare found

PV array 2: OP 33

No glare found

PV array 2: OP 34

No glare found

PV array 2: OP 35

No glare found

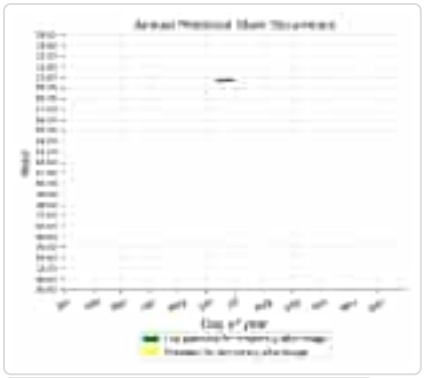
PV array 2: OP 36

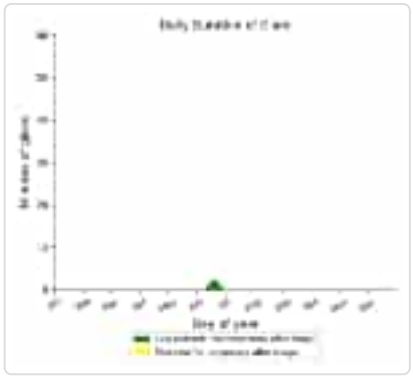
No glare found

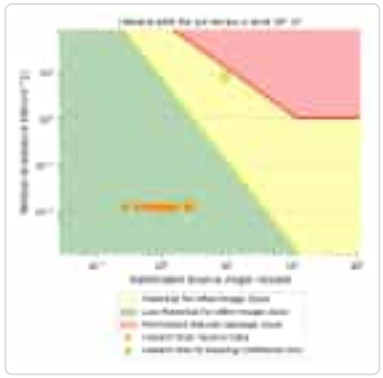
PV array 2: OP 37

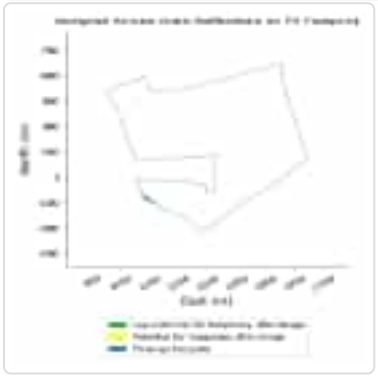
PV array is expected to produce the following glare for this receptor:

- 27 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









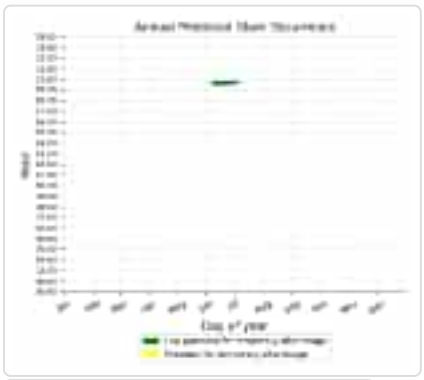
PV array 2: OP 38

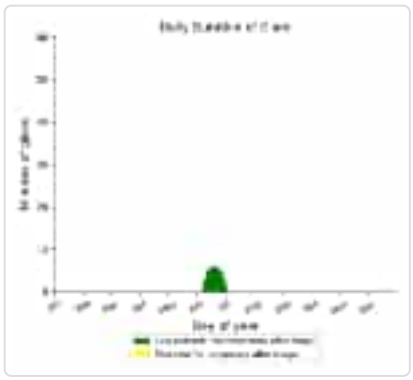
No glare found

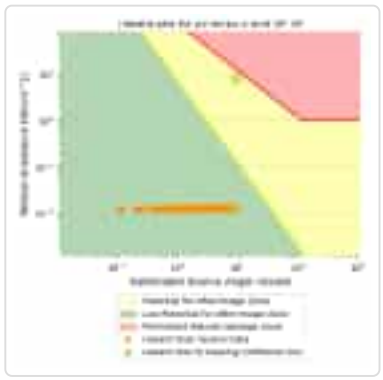
PV array 2: OP 39

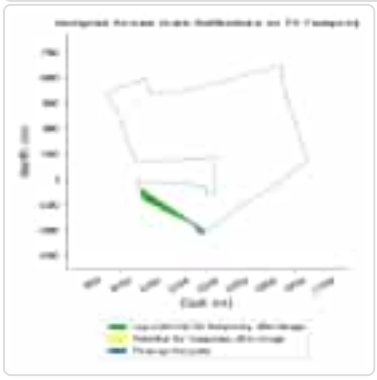
PV array is expected to produce the following glare for this receptor:

- 122 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 40

No glare found

PV array 2: OP 41

No glare found

PV array 2: OP 42

No glare found

PV array 2: OP 43

No glare found

PV array 2: OP 44

No glare found

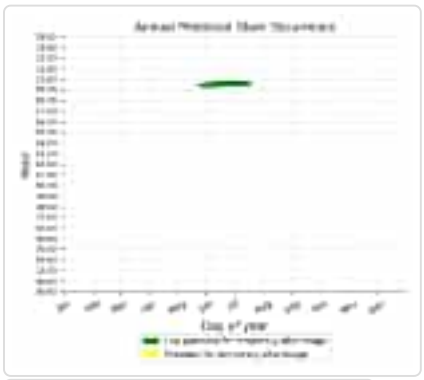
PV array 2: OP 45

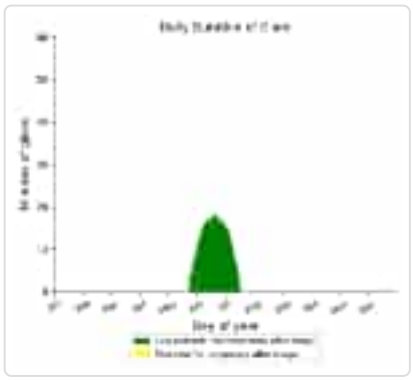
No glare found

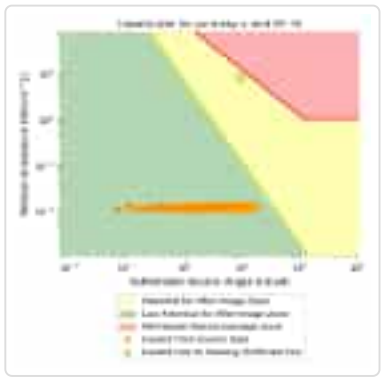
PV array 2: OP 46

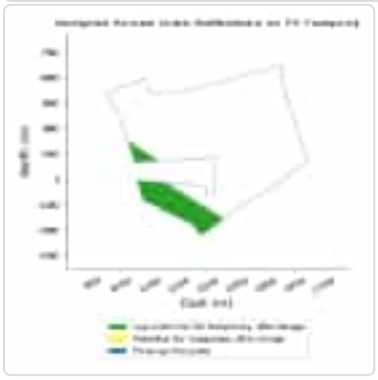
PV array is expected to produce the following glare for this receptor:

- 700 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





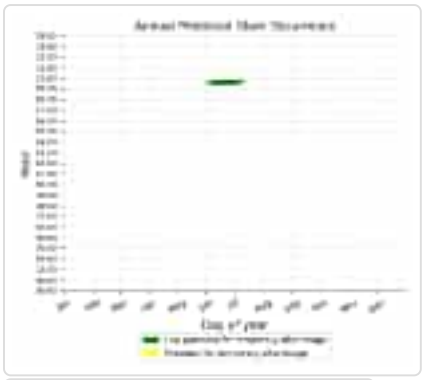


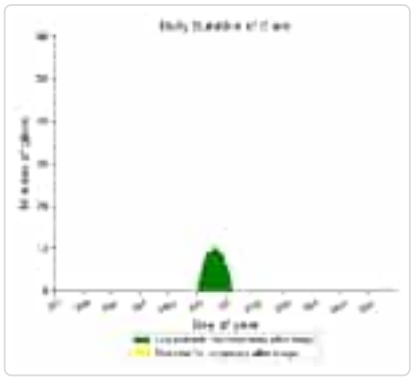


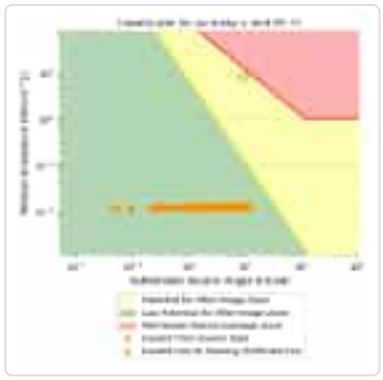
PV array 2: OP 47

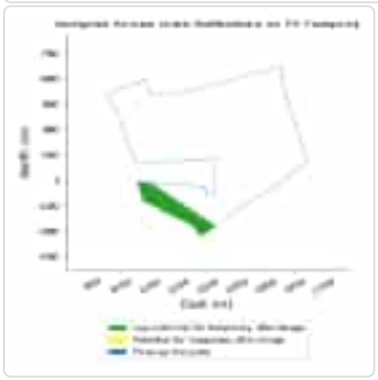
PV array is expected to produce the following glare for this receptor:

- 268 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





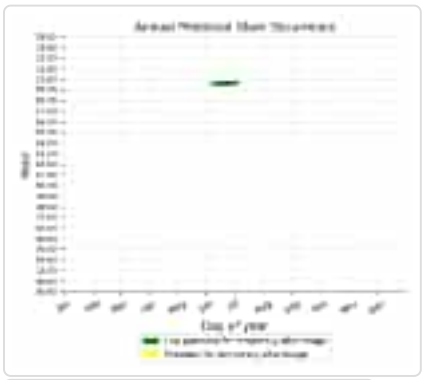


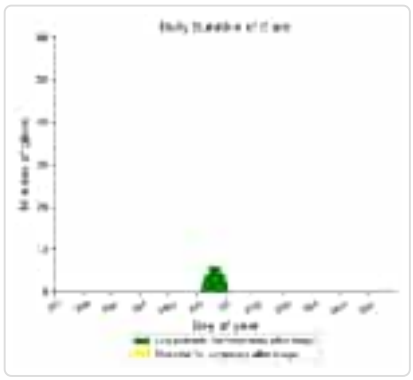


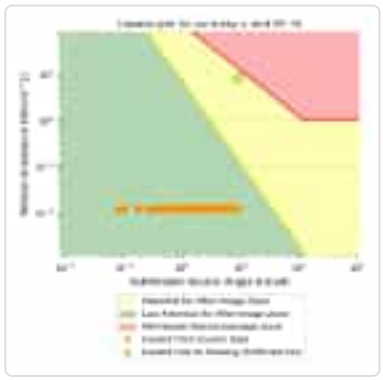
PV array 2: OP 48

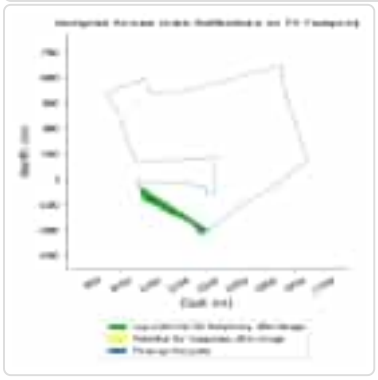
PV array is expected to produce the following glare for this receptor:

- 130 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





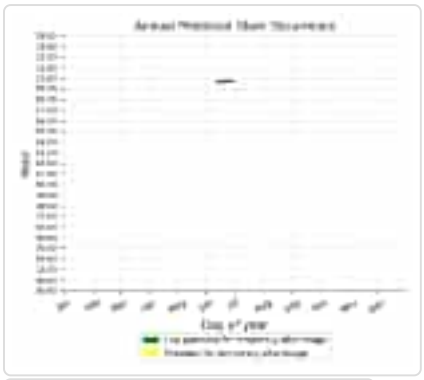


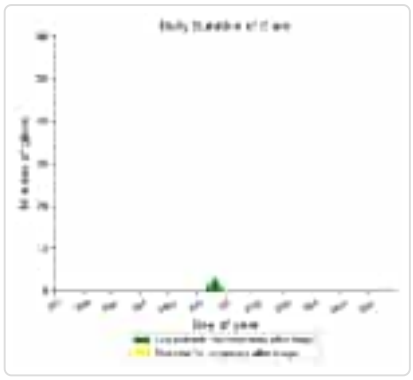


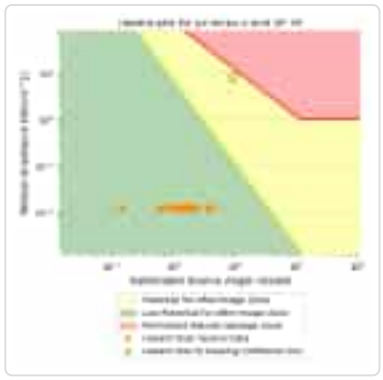
PV array 2: OP 49

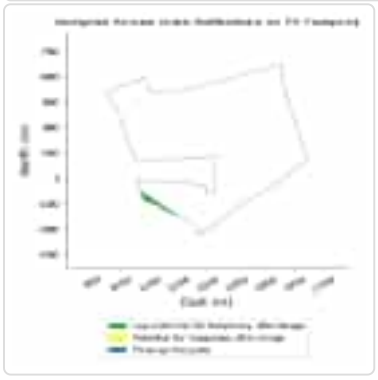
PV array is expected to produce the following glare for this receptor:

- 31 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





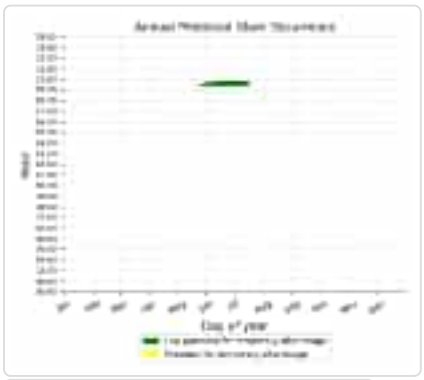


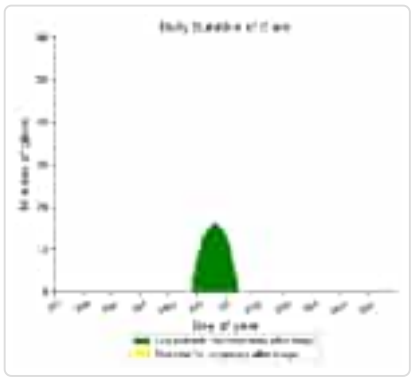


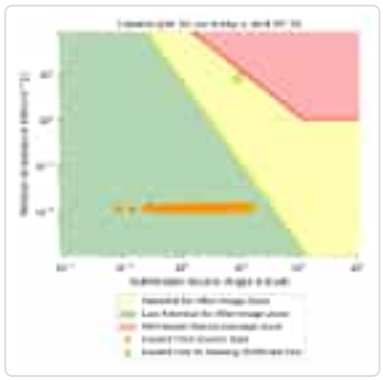
PV array 2: OP 50

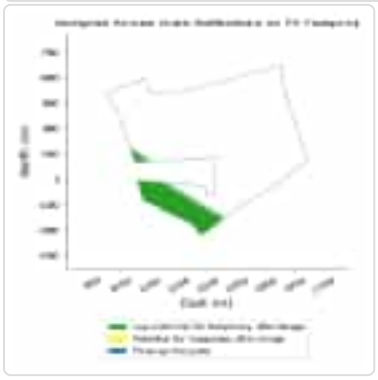
PV array is expected to produce the following glare for this receptor:

- 568 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





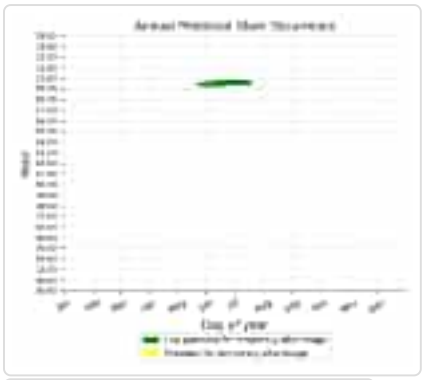


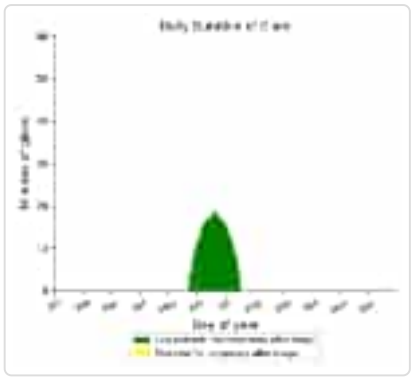


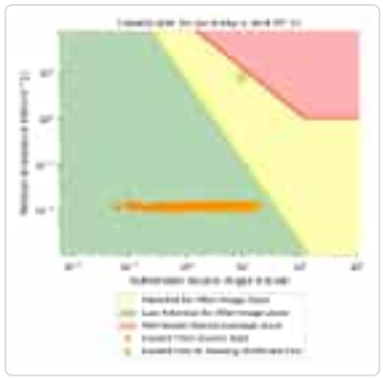
PV array 2: OP 51

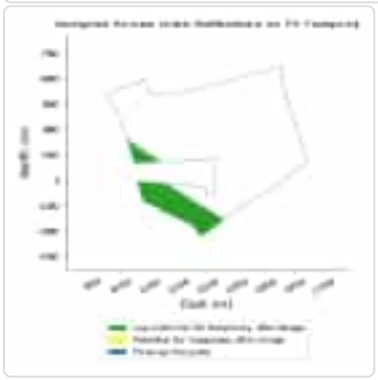
PV array is expected to produce the following glare for this receptor:

- 730 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





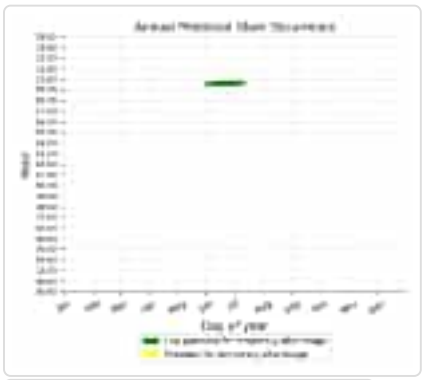


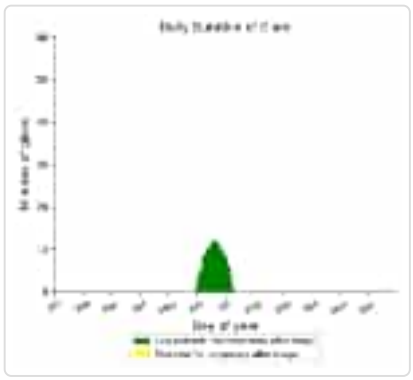


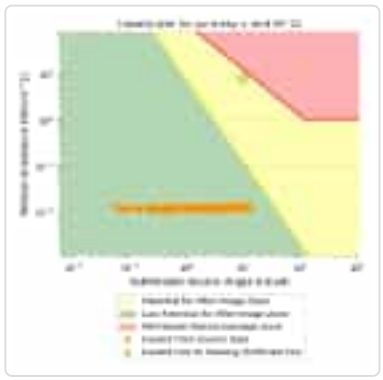
PV array 2: OP 52

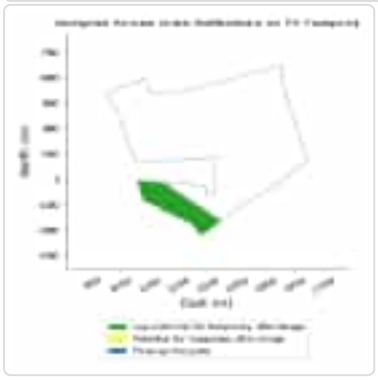
PV array is expected to produce the following glare for this receptor:

- 334 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





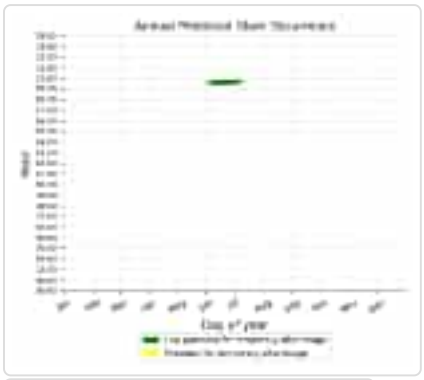


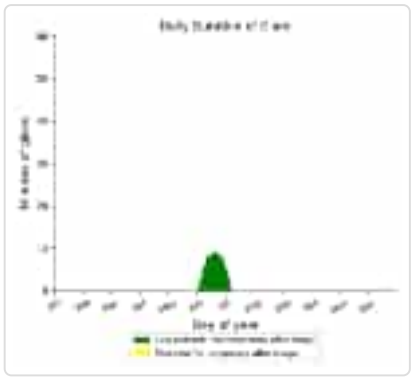


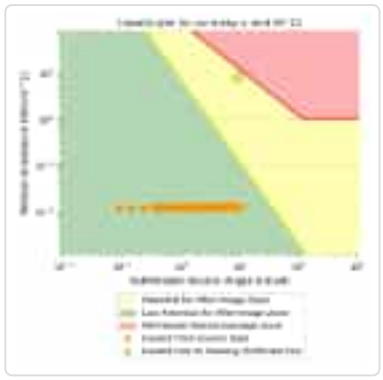
PV array 2: OP 53

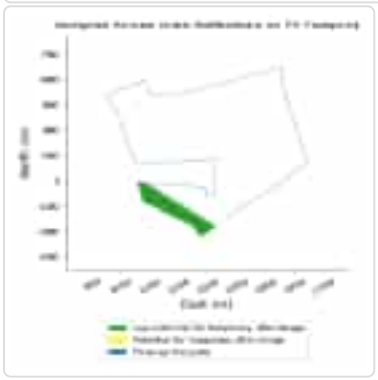
PV array is expected to produce the following glare for this receptor:

- 226 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 54

No glare found

PV array 2: OP 55

No glare found

PV array 2: OP 56

No glare found

PV array 2: OP 57

No glare found

PV array 2: OP 58

No glare found

PV array 2: OP 59

No glare found

PV array 2: OP 60

No glare found

PV array 2: OP 61

No glare found

PV array 2: OP 62

No glare found

PV array 2: OP 63

No glare found

PV array 2: OP 64

No glare found

PV array 2: OP 65

No glare found

PV array 2: OP 66

No glare found

PV array 2: OP 67

No glare found

PV array 2: OP 68

No glare found

PV array 2: OP 69

No glare found

PV array 2: OP 70

No glare found

PV array 2: OP 71

No glare found

PV array 2: OP 72

No glare found

PV array 2: OP 73

No glare found

PV array 2: OP 74

No glare found

PV array 2: OP 75

No glare found

PV array 2: OP 76

No glare found

PV array 2: OP 77

No glare found

PV array 2: OP 78

No glare found

PV array 2: OP 79

No glare found

PV array 2: OP 80

No glare found

PV array 3 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	1322	326
OP: OP 2	1270	399
OP: OP 3	2541	914
OP: OP 4	283	0
OP: OP 5	342	0
OP: OP 6	326	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	339	0
OP: OP 14	643	0
OP: OP 15	1361	154
OP: OP 16	1509	51
OP: OP 17	1480	20

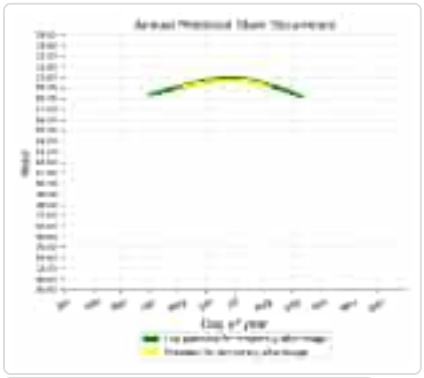
OP: OP 18	1383	0
OP: OP 19	1022	0
OP: OP 20	675	0
OP: OP 21	131	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	1404	0
OP: OP 38	1648	0
OP: OP 39	1342	0
OP: OP 40	1559	0
OP: OP 41	1540	0
OP: OP 42	1434	0
OP: OP 43	1406	0
OP: OP 44	1557	0
OP: OP 45	1446	0
OP: OP 46	951	0
OP: OP 47	1252	0
OP: OP 48	1451	0
OP: OP 49	1322	0
OP: OP 50	1074	0
OP: OP 51	826	0
OP: OP 52	1155	0
OP: OP 53	1382	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	1134	0
OP: OP 70	1252	0
OP: OP 71	684	0

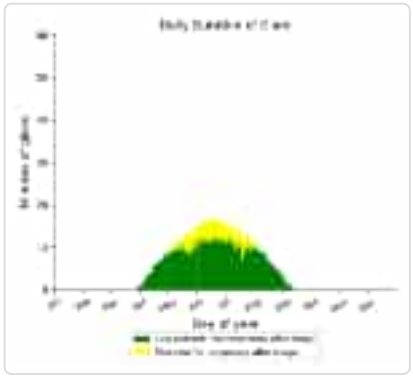
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

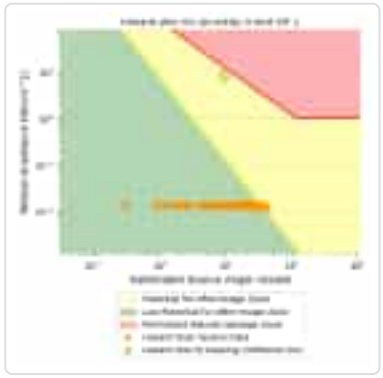
PV array 3: OP 1

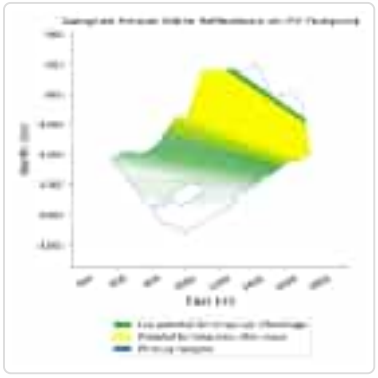
PV array is expected to produce the following glare for this receptor:

- 1,322 minutes of "green" glare with low potential to cause temporary after-image.
- 326 minutes of "yellow" glare with potential to cause temporary after-image.





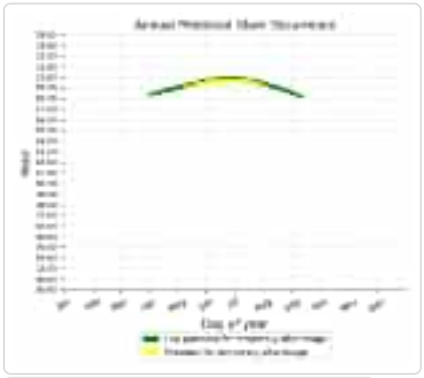


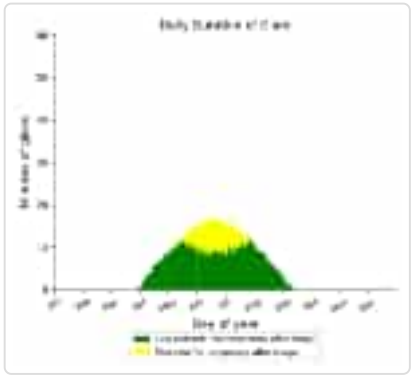


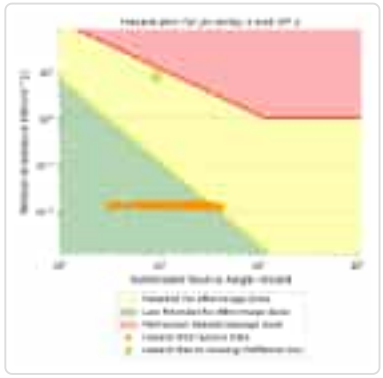
PV array 3: OP 2

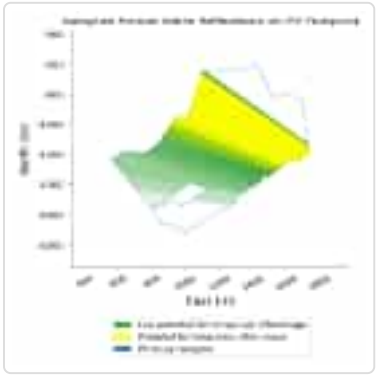
PV array is expected to produce the following glare for this receptor:

- 1,270 minutes of "green" glare with low potential to cause temporary after-image.
- 399 minutes of "yellow" glare with potential to cause temporary after-image.





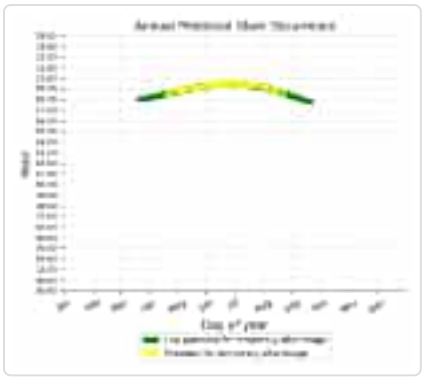


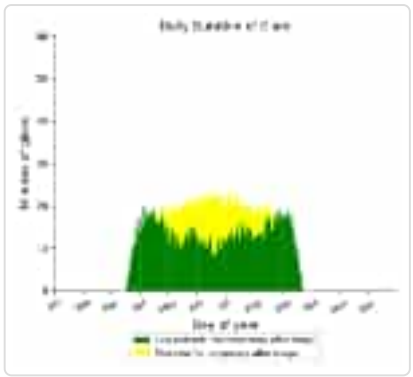


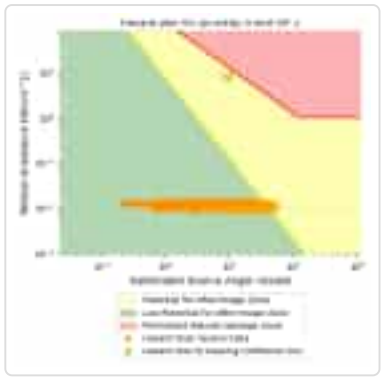
PV array 3: OP 3

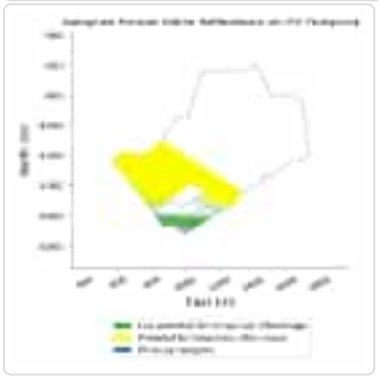
PV array is expected to produce the following glare for this receptor:

- 2,541 minutes of "green" glare with low potential to cause temporary after-image.
- 914 minutes of "yellow" glare with potential to cause temporary after-image.





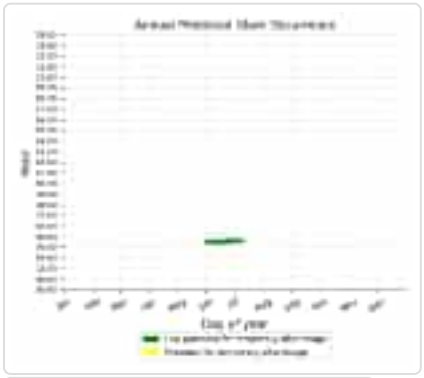


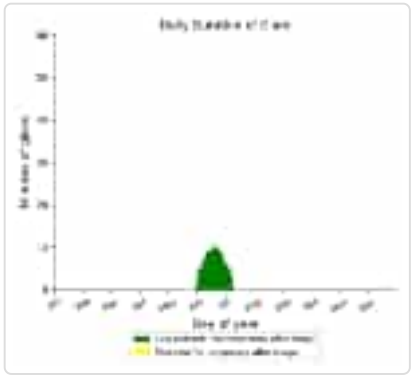


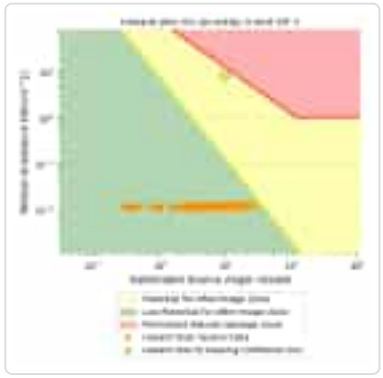
PV array 3: OP 4

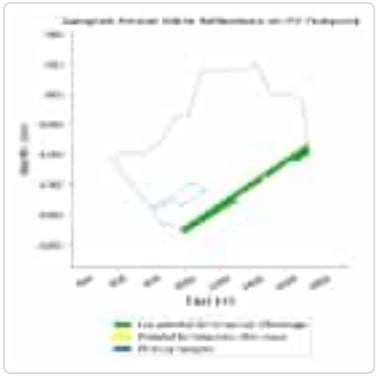
PV array is expected to produce the following glare for this receptor:

- 283 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





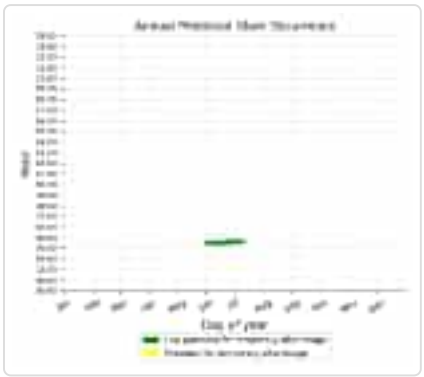


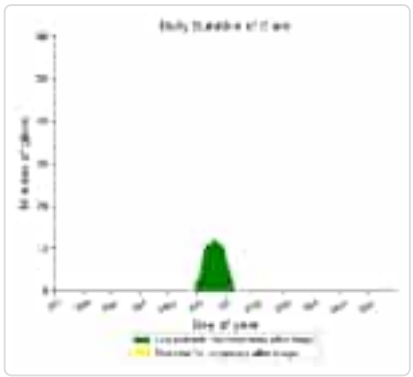


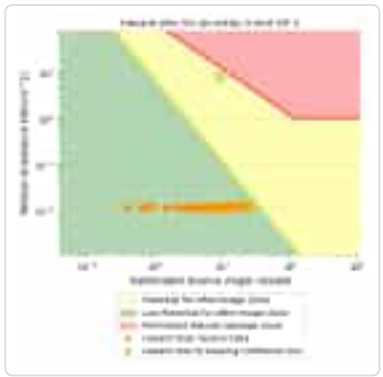
PV array 3: OP 5

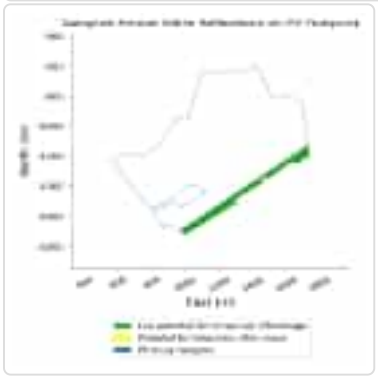
PV array is expected to produce the following glare for this receptor:

- 342 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





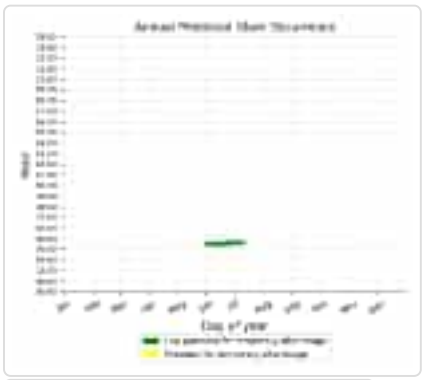


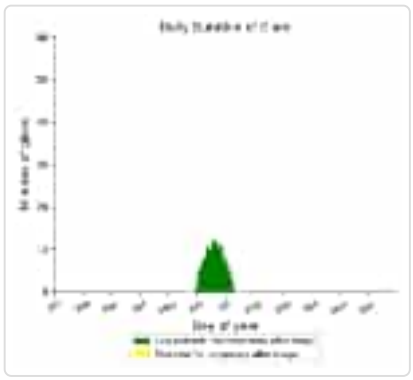


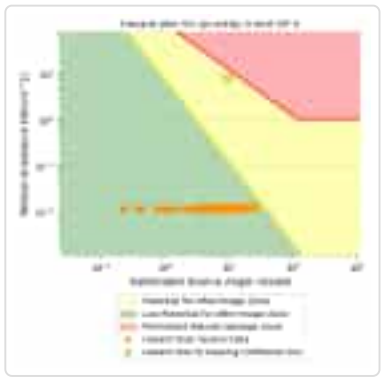
PV array 3: OP 6

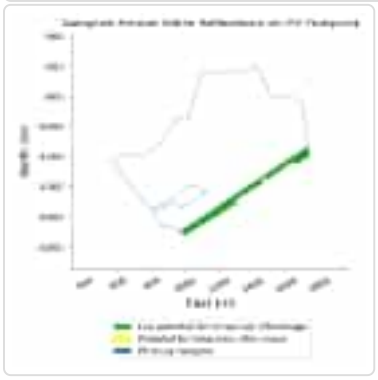
PV array is expected to produce the following glare for this receptor:

- 326 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 7

No glare found

PV array 3: OP 8

No glare found

PV array 3: OP 9

No glare found

PV array 3: OP 10

No glare found

PV array 3: OP 11

No glare found

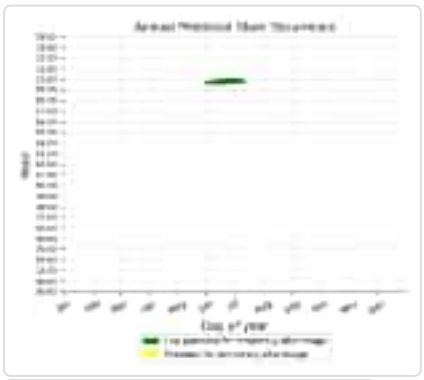
PV array 3: OP 12

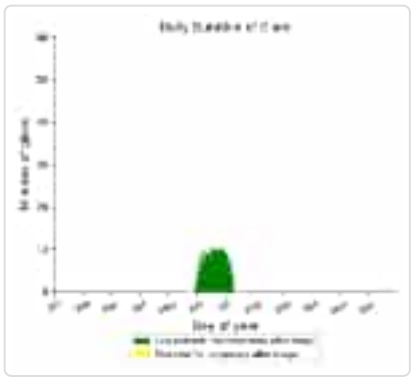
No glare found

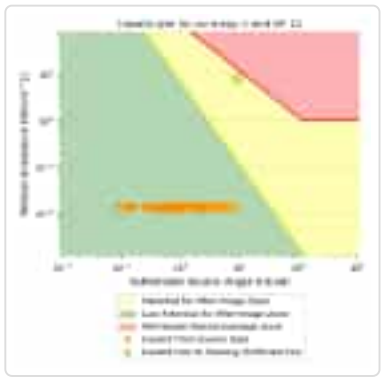
PV array 3: OP 13

PV array is expected to produce the following glare for this receptor:

- 339 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



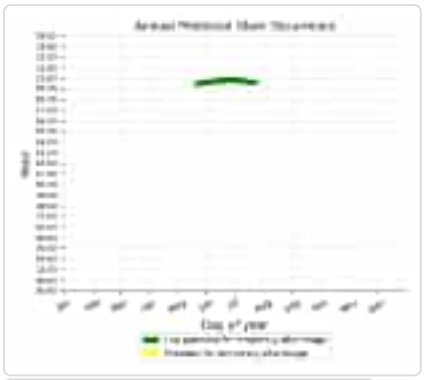


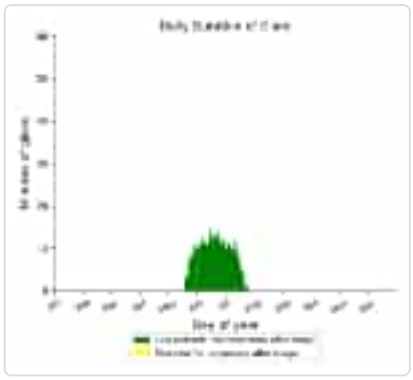


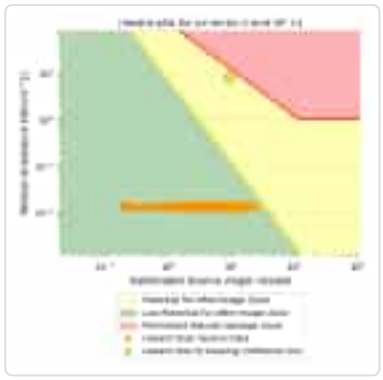
PV array 3: OP 14

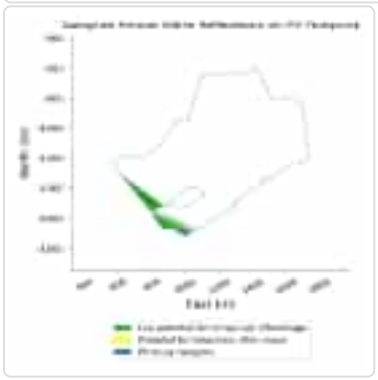
PV array is expected to produce the following glare for this receptor:

- 643 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





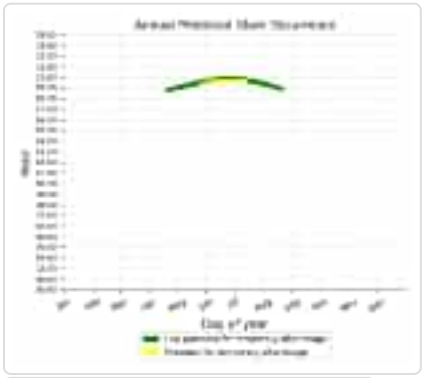


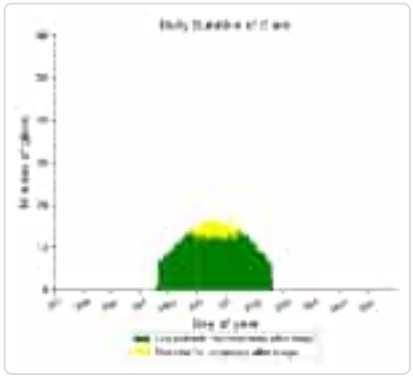


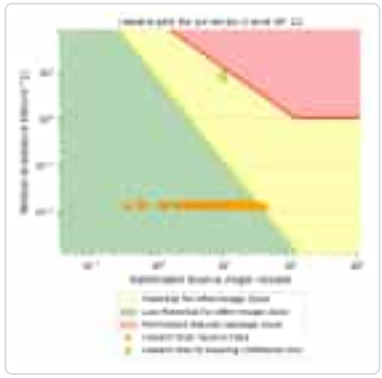
PV array 3: OP 15

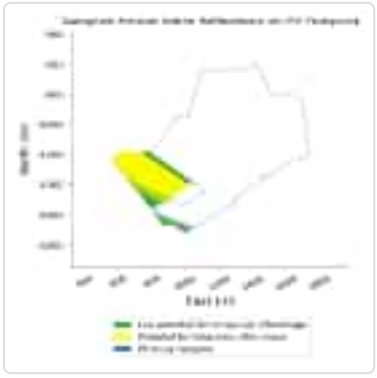
PV array is expected to produce the following glare for this receptor:

- 1,361 minutes of "green" glare with low potential to cause temporary after-image.
- 154 minutes of "yellow" glare with potential to cause temporary after-image.





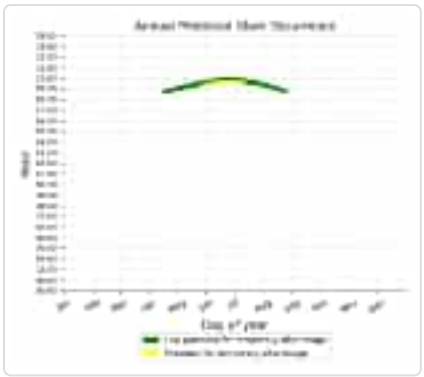


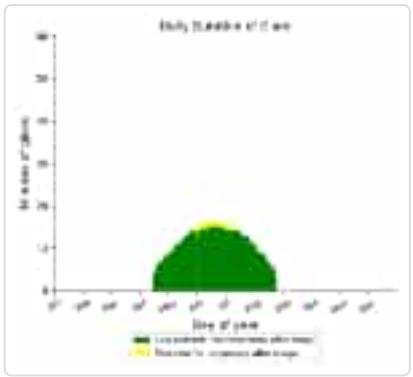


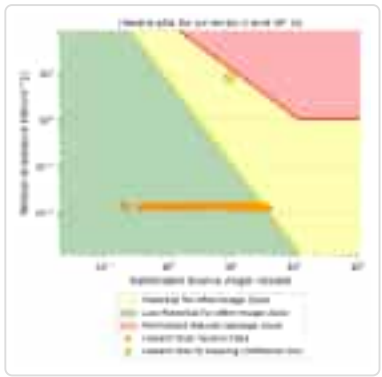
PV array 3: OP 16

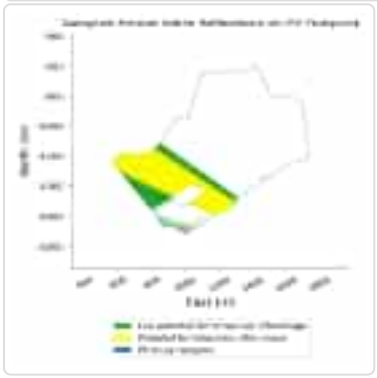
PV array is expected to produce the following glare for this receptor:

- 1,509 minutes of "green" glare with low potential to cause temporary after-image.
- 51 minutes of "yellow" glare with potential to cause temporary after-image.





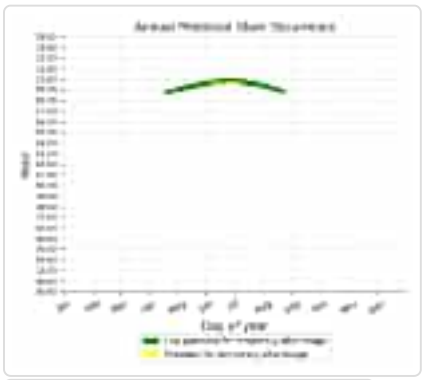


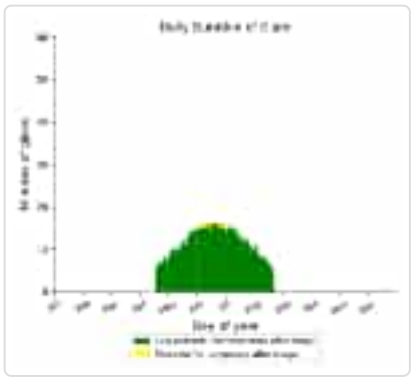


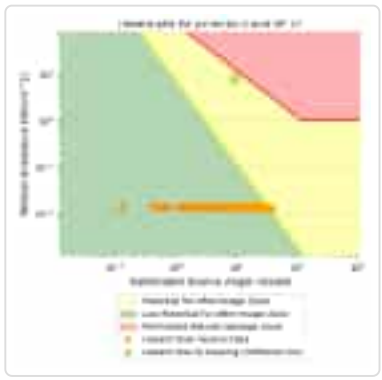
PV array 3: OP 17

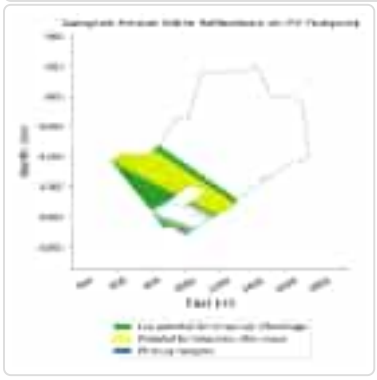
PV array is expected to produce the following glare for this receptor:

- 1,480 minutes of "green" glare with low potential to cause temporary after-image.
- 20 minutes of "yellow" glare with potential to cause temporary after-image.





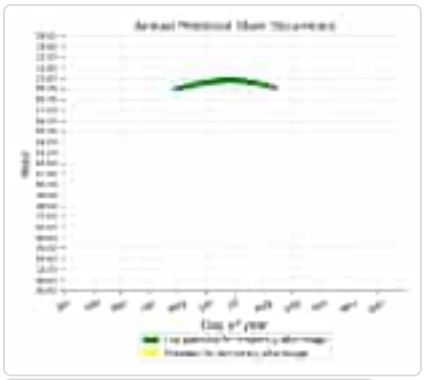


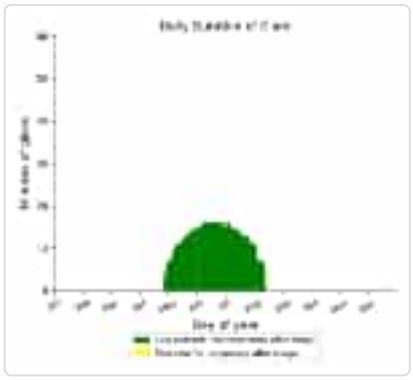


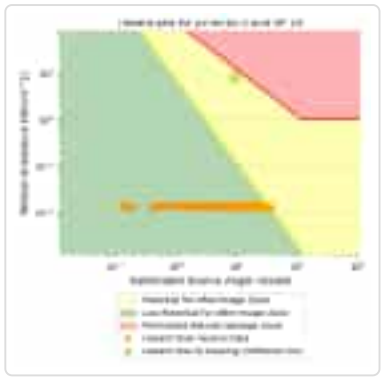
PV array 3: OP 18

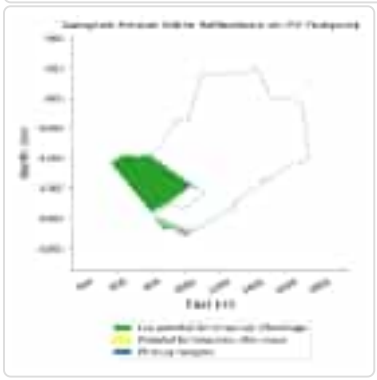
PV array is expected to produce the following glare for this receptor:

- 1,383 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





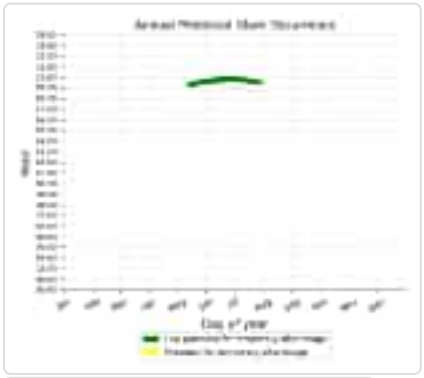


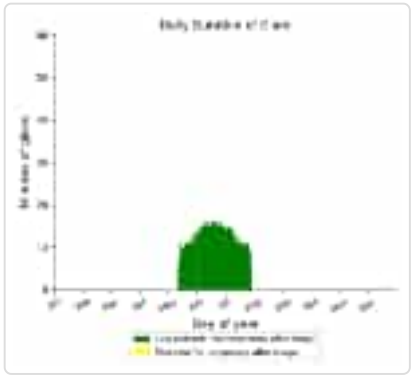


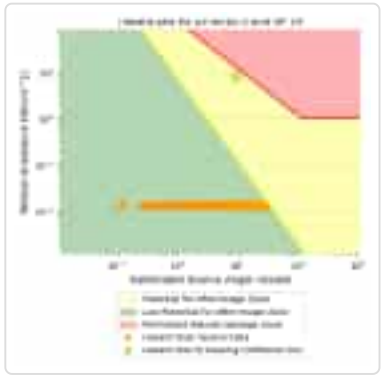
PV array 3: OP 19

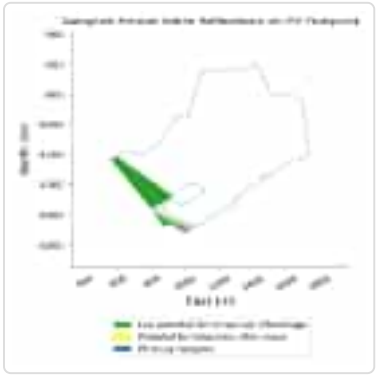
PV array is expected to produce the following glare for this receptor:

- 1,022 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





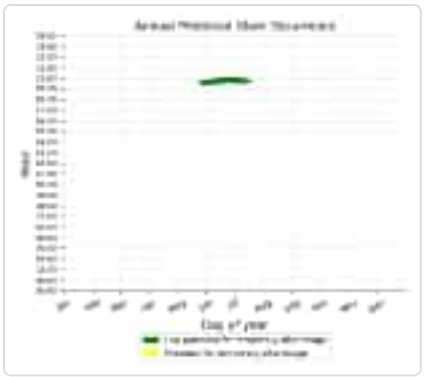


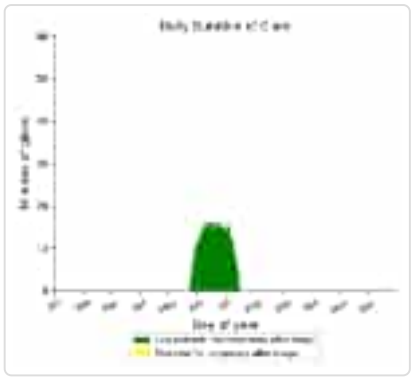


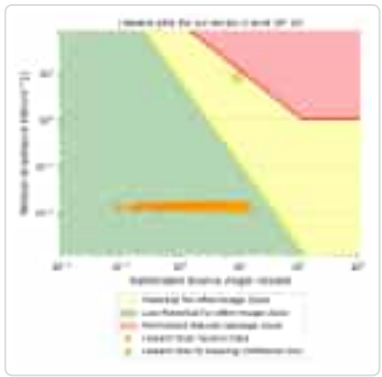
PV array 3: OP 20

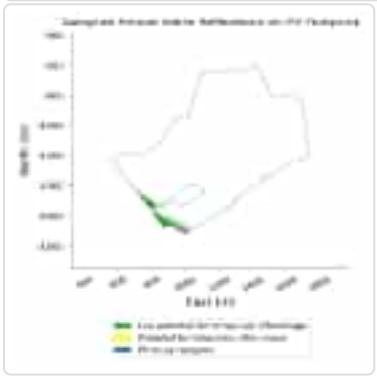
PV array is expected to produce the following glare for this receptor:

- 675 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





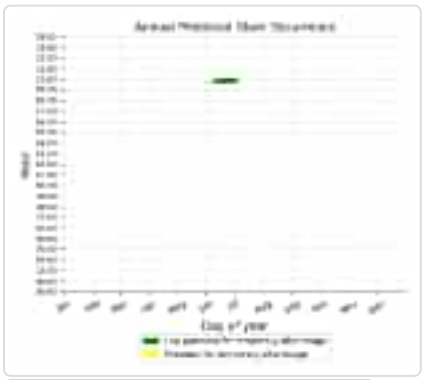


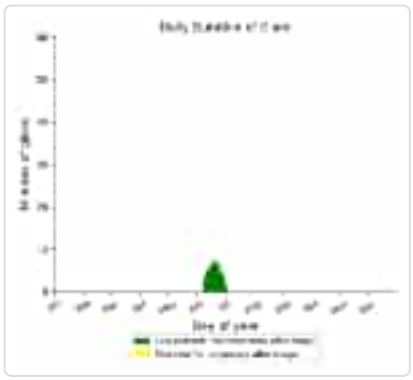


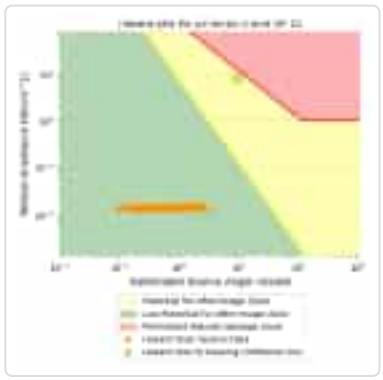
PV array 3: OP 21

PV array is expected to produce the following glare for this receptor:

- 131 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 3: OP 22

No glare found

PV array 3: OP 23

No glare found

PV array 3: OP 24

No glare found

PV array 3: OP 25

No glare found

PV array 3: OP 26

No glare found

PV array 3: OP 27

No glare found

PV array 3: OP 28

No glare found

PV array 3: OP 29

No glare found

PV array 3: OP 30

No glare found

PV array 3: OP 31

No glare found

PV array 3: OP 32

No glare found

PV array 3: OP 33

No glare found

PV array 3: OP 34

No glare found

PV array 3: OP 35

No glare found

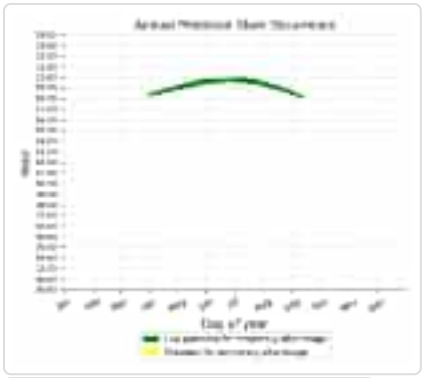
PV array 3: OP 36

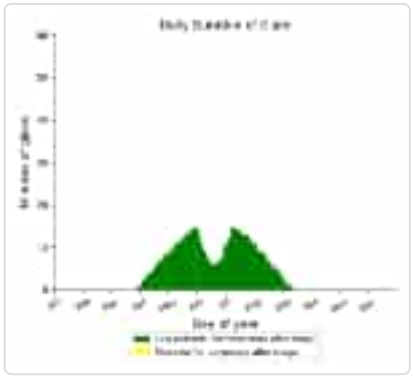
No glare found

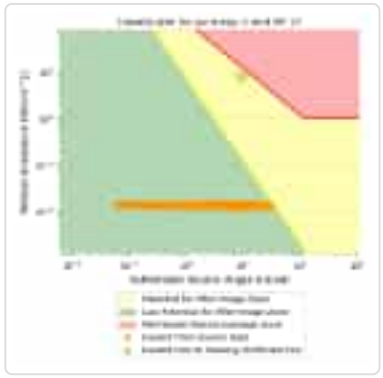
PV array 3: OP 37

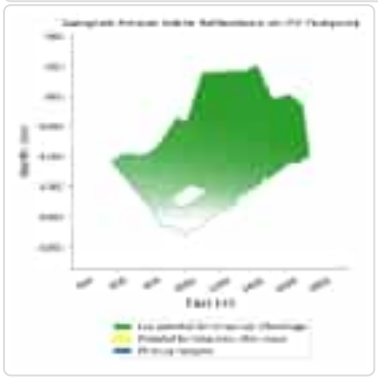
PV array is expected to produce the following glare for this receptor:

- 1,404 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





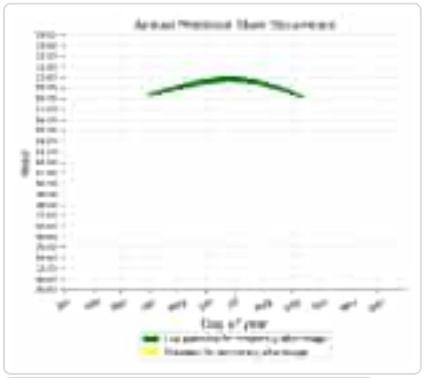


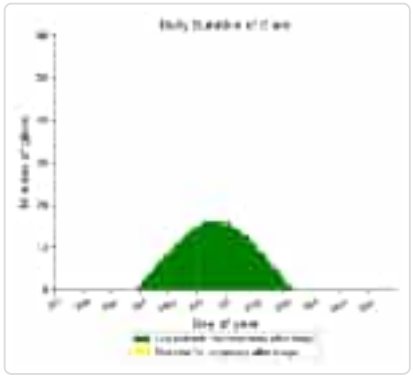


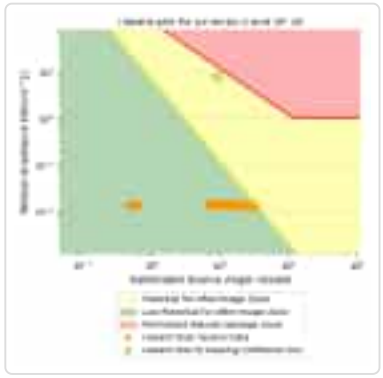
PV array 3: OP 38

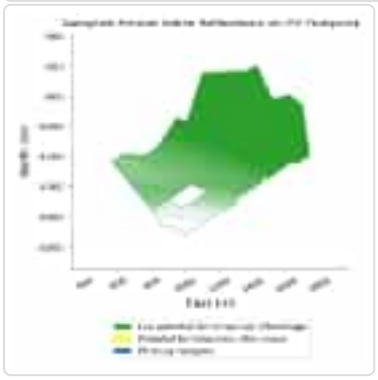
PV array is expected to produce the following glare for this receptor:

- 1,648 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





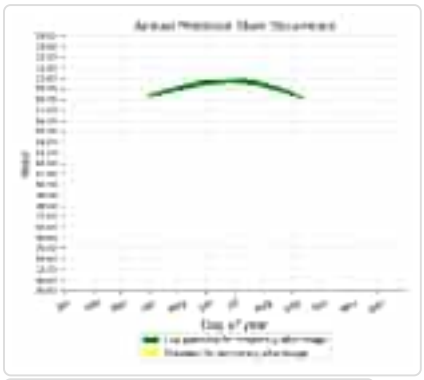


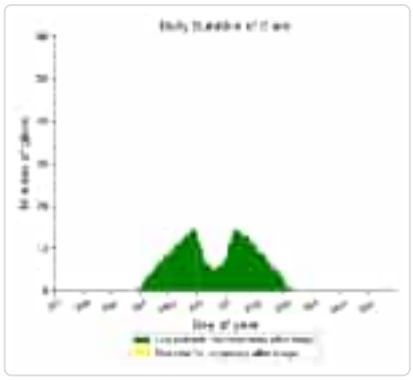


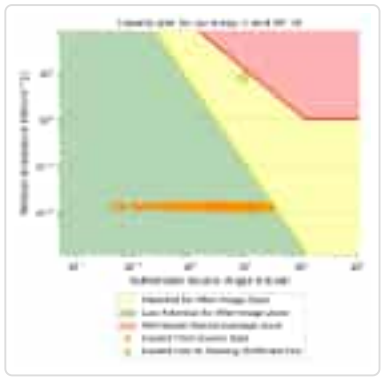
PV array 3: OP 39

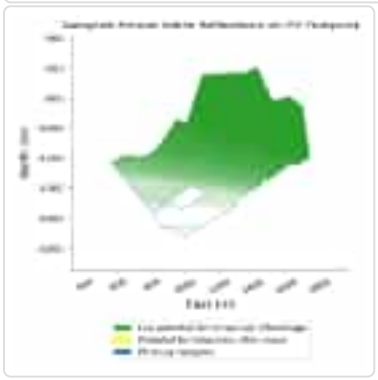
PV array is expected to produce the following glare for this receptor:

- 1,342 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





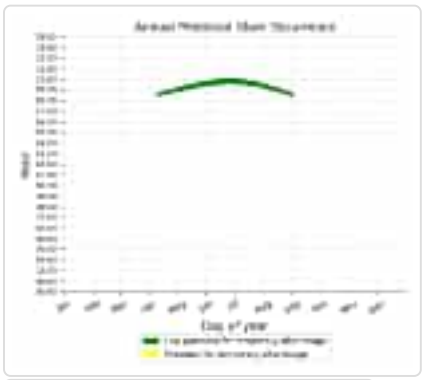


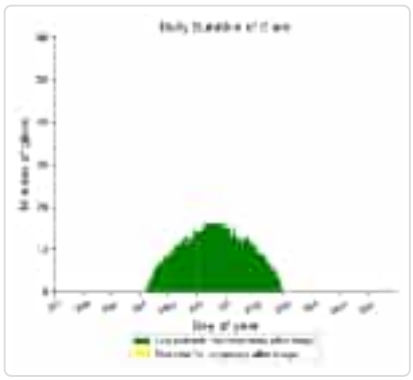


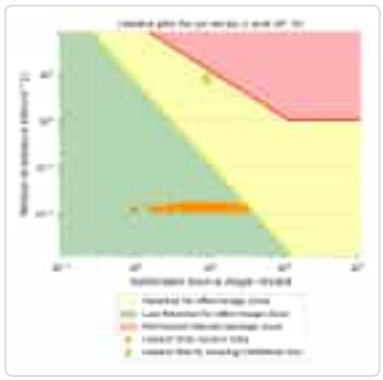
PV array 3: OP 40

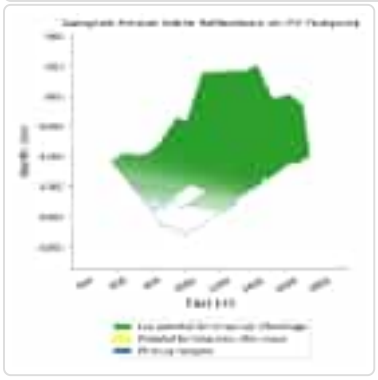
PV array is expected to produce the following glare for this receptor:

- 1,559 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





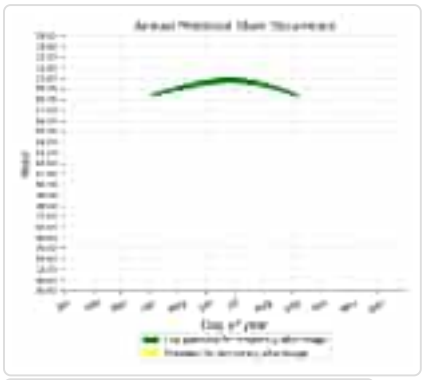


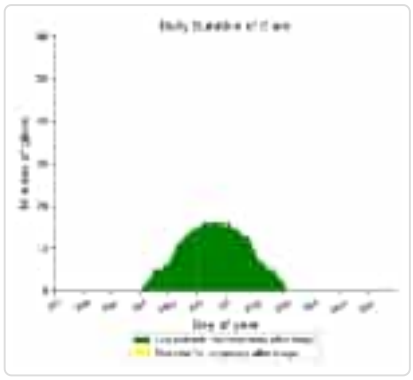


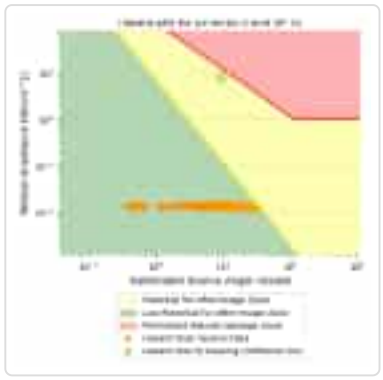
PV array 3: OP 41

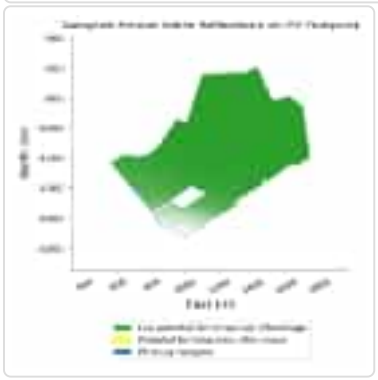
PV array is expected to produce the following glare for this receptor:

- 1,540 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





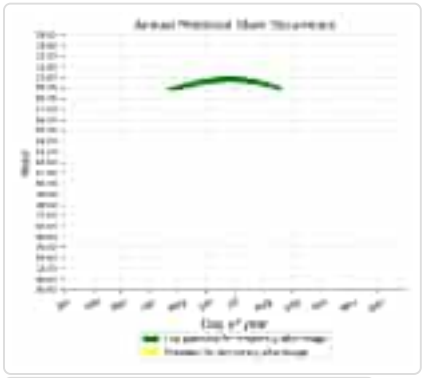


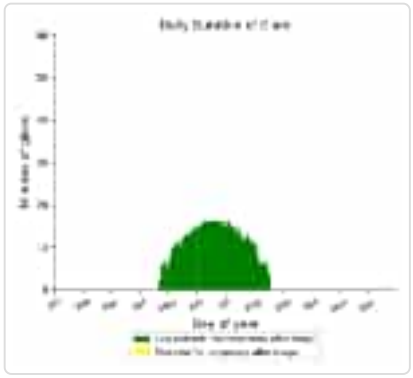


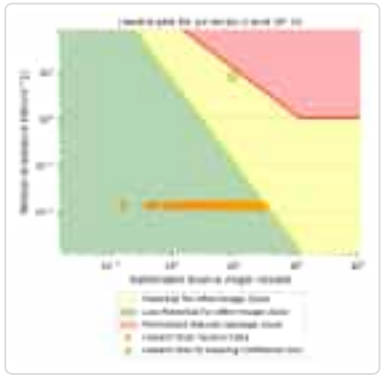
PV array 3: OP 42

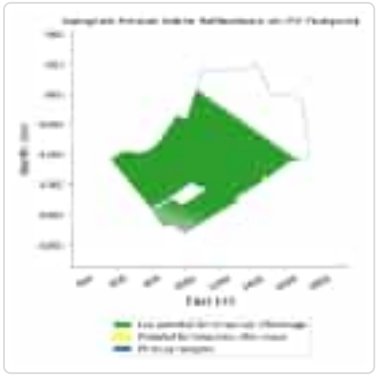
PV array is expected to produce the following glare for this receptor:

- 1,434 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





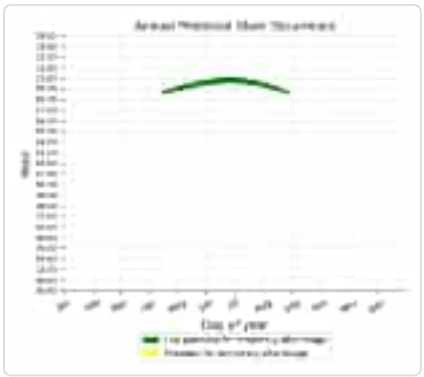


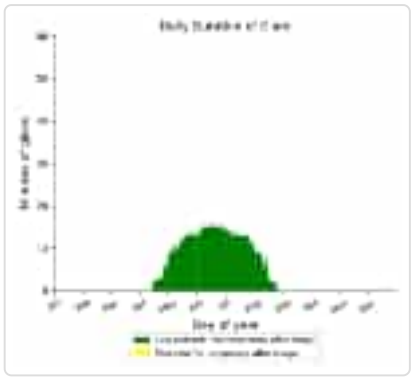


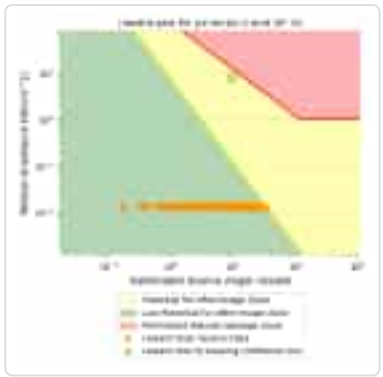
PV array 3: OP 43

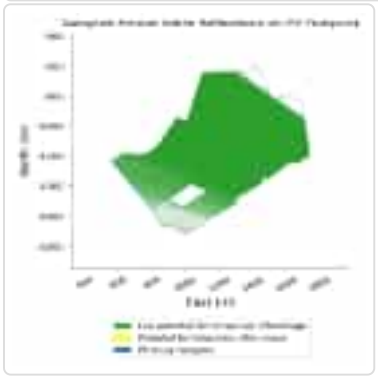
PV array is expected to produce the following glare for this receptor:

- 1,406 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





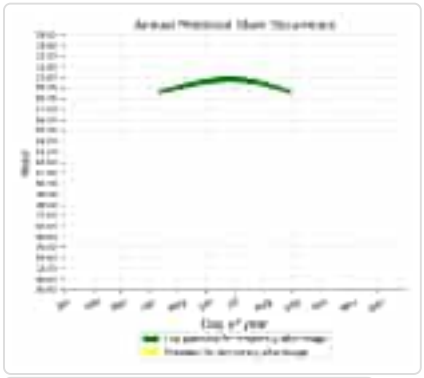


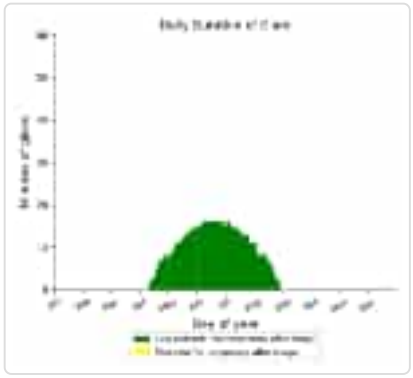


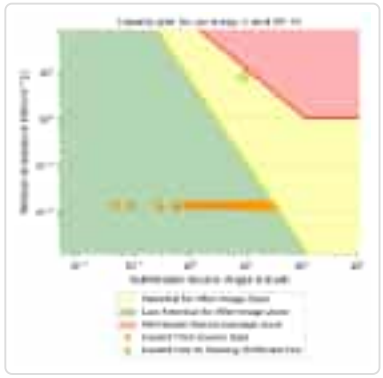
PV array 3: OP 44

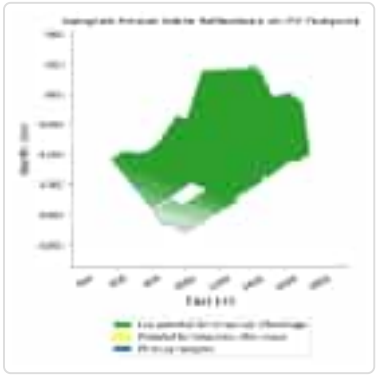
PV array is expected to produce the following glare for this receptor:

- 1,557 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





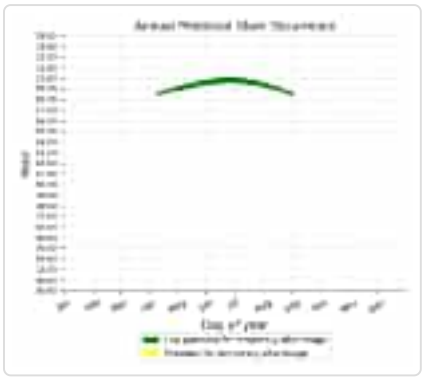


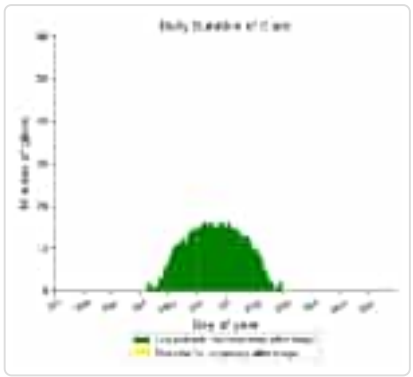


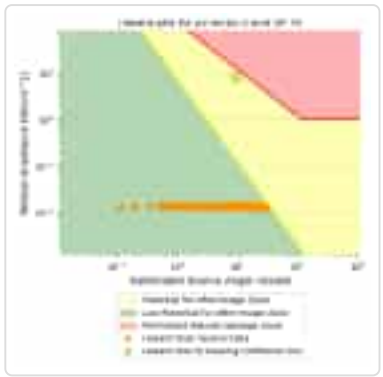
PV array 3: OP 45

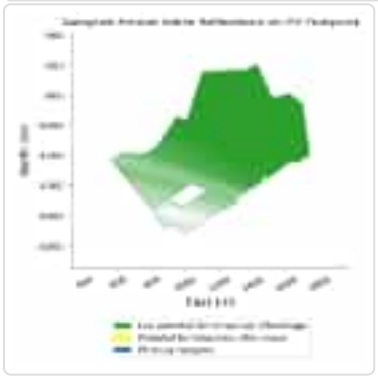
PV array is expected to produce the following glare for this receptor:

- 1,446 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





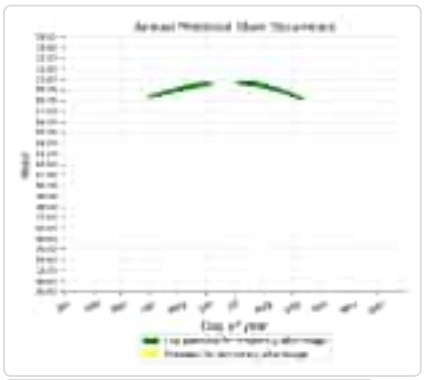


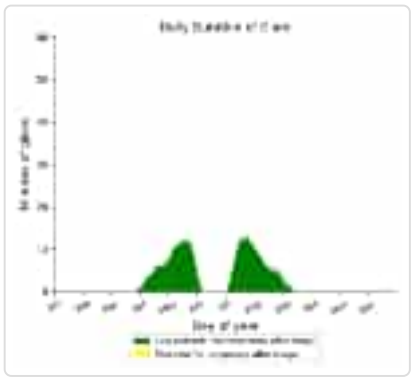


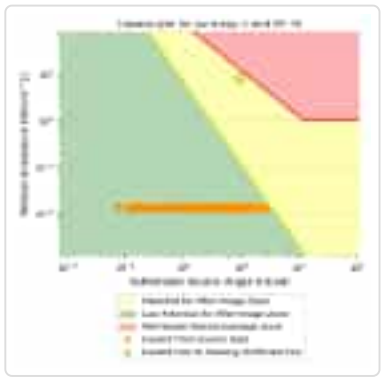
PV array 3: OP 46

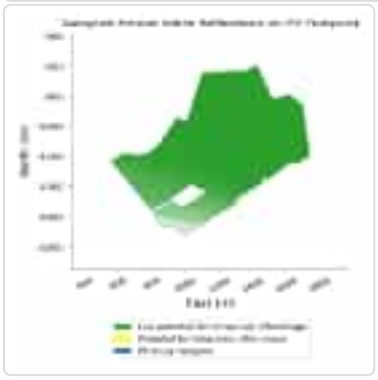
PV array is expected to produce the following glare for this receptor:

- 951 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





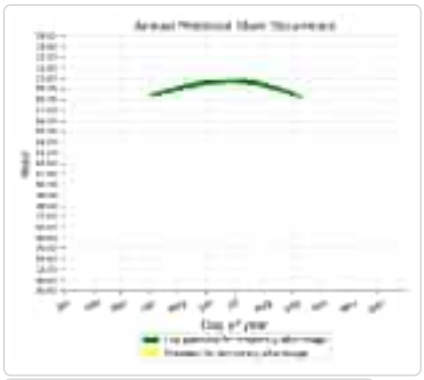


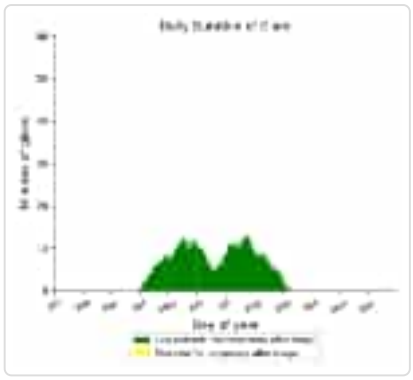


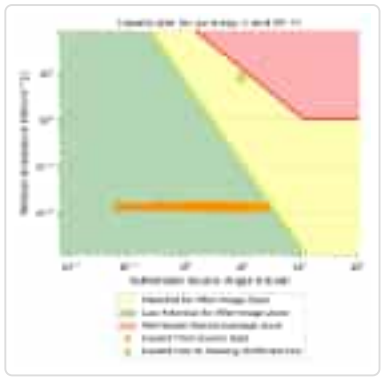
PV array 3: OP 47

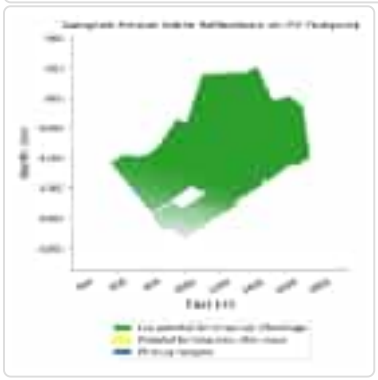
PV array is expected to produce the following glare for this receptor:

- 1,252 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





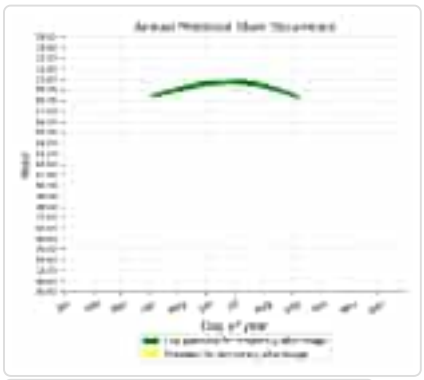


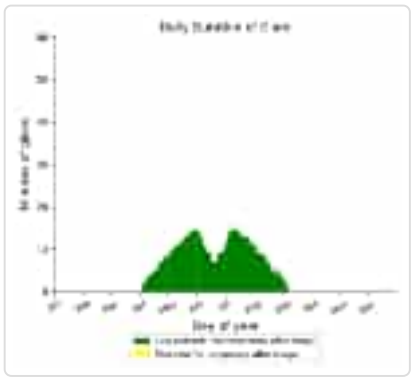


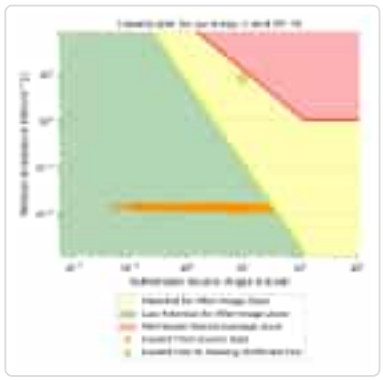
PV array 3: OP 48

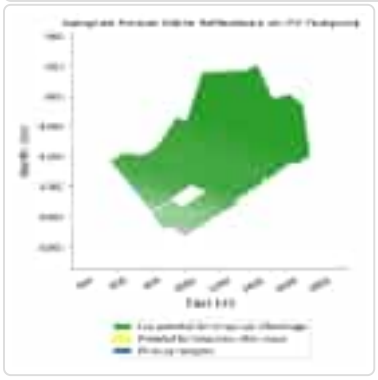
PV array is expected to produce the following glare for this receptor:

- 1,451 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





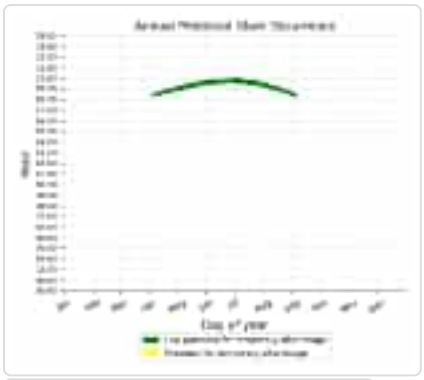


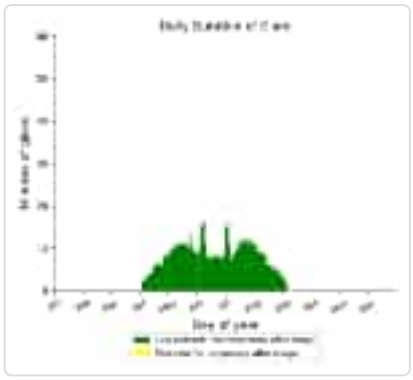


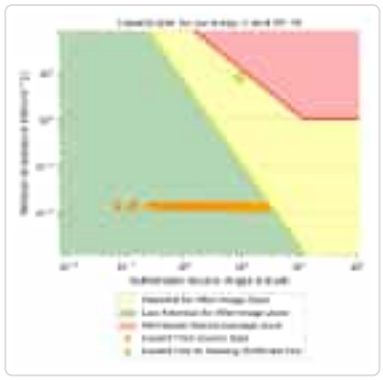
PV array 3: OP 49

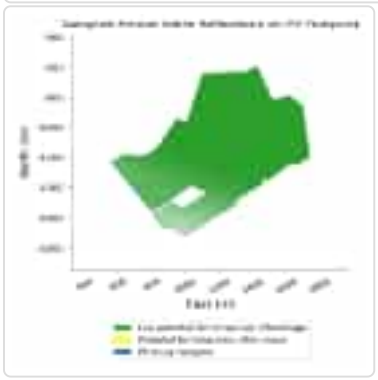
PV array is expected to produce the following glare for this receptor:

- 1,322 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





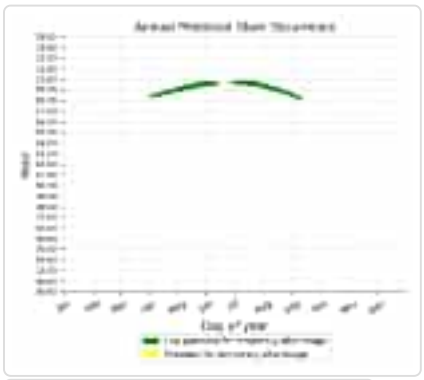


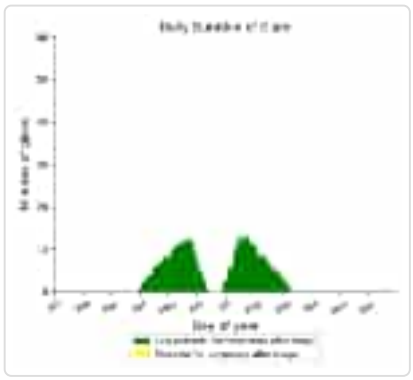


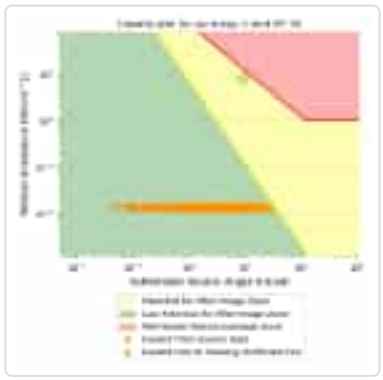
PV array 3: OP 50

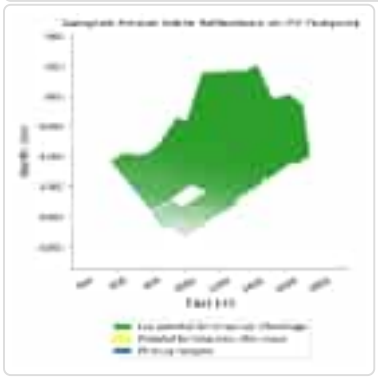
PV array is expected to produce the following glare for this receptor:

- 1,074 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





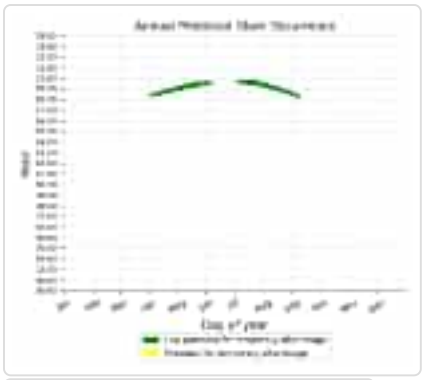


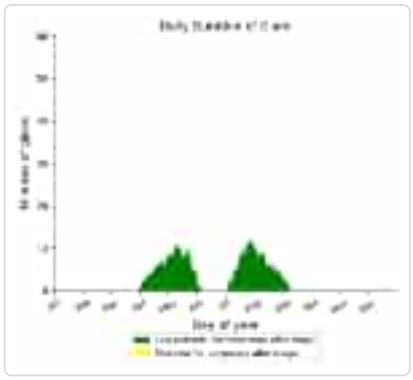


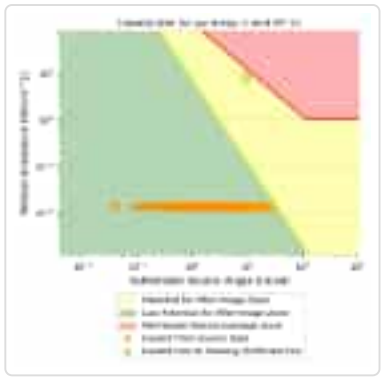
PV array 3: OP 51

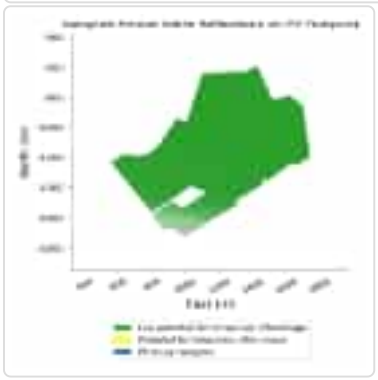
PV array is expected to produce the following glare for this receptor:

- 826 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





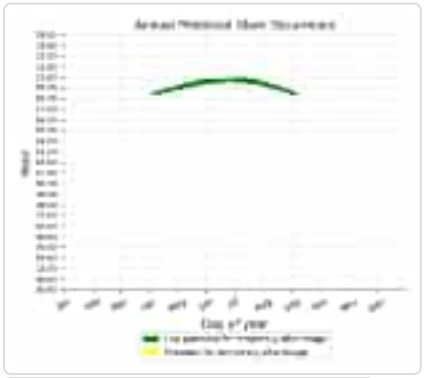


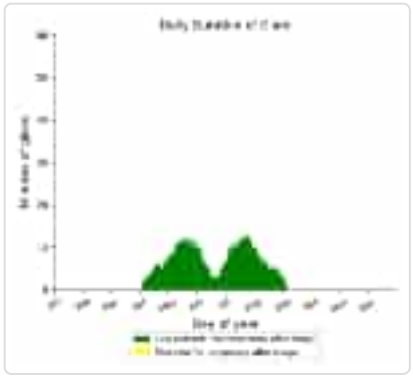


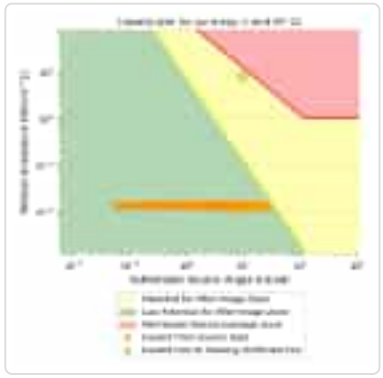
PV array 3: OP 52

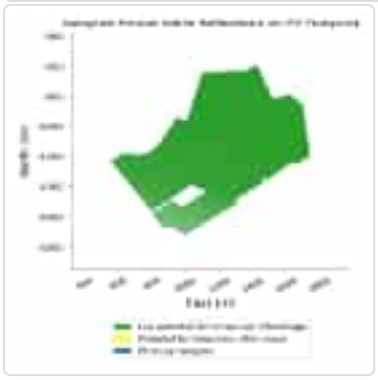
PV array is expected to produce the following glare for this receptor:

- 1,155 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





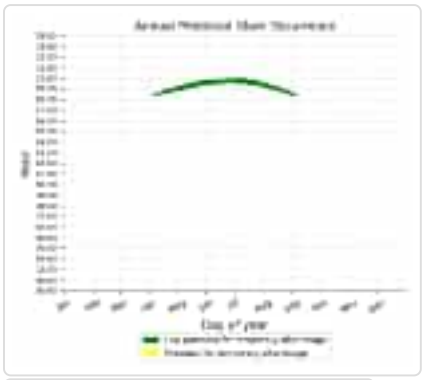


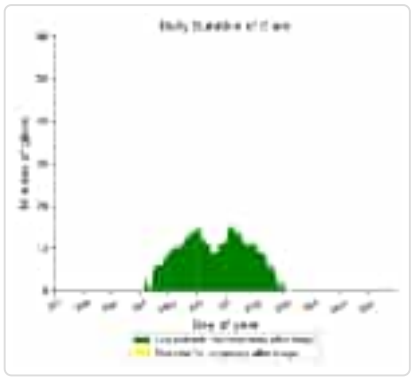


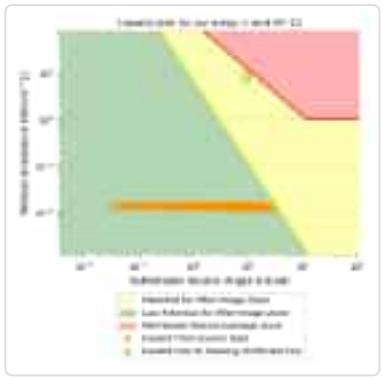
PV array 3: OP 53

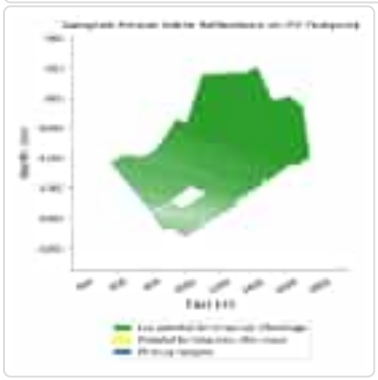
PV array is expected to produce the following glare for this receptor:

- 1,382 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 54

No glare found

PV array 3: OP 55

No glare found

PV array 3: OP 56

No glare found

PV array 3: OP 57

No glare found

PV array 3: OP 58

No glare found

PV array 3: OP 59

No glare found

PV array 3: OP 60

No glare found

PV array 3: OP 61

No glare found

PV array 3: OP 62

No glare found

PV array 3: OP 63

No glare found

PV array 3: OP 64

No glare found

PV array 3: OP 65

No glare found

PV array 3: OP 66

No glare found

PV array 3: OP 67

No glare found

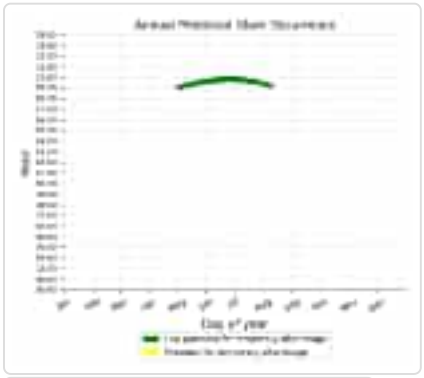
PV array 3: OP 68

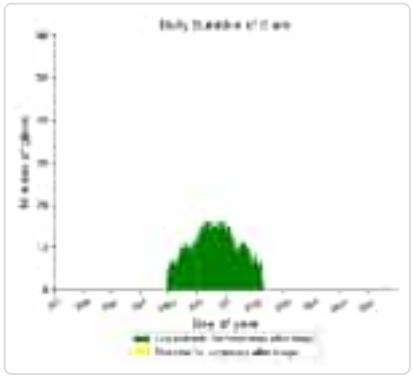
No glare found

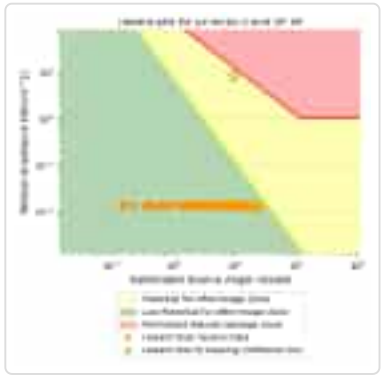
PV array 3: OP 69

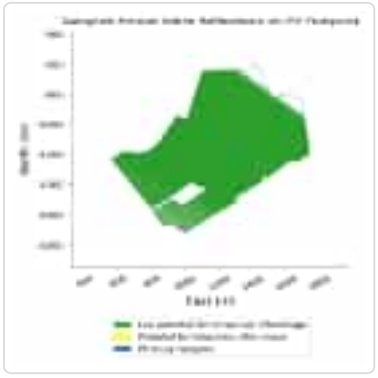
PV array is expected to produce the following glare for this receptor:

- 1,134 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





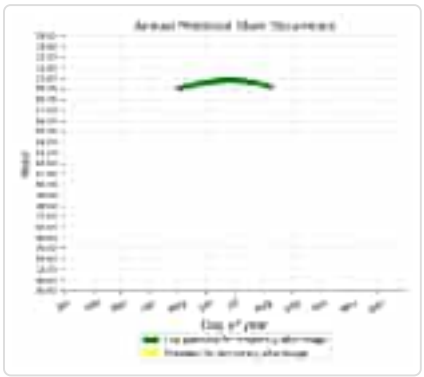


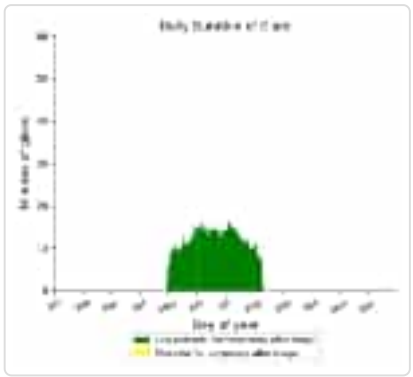


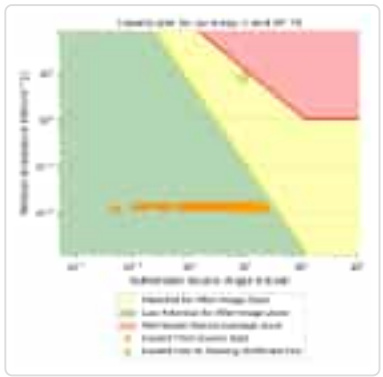
PV array 3: OP 70

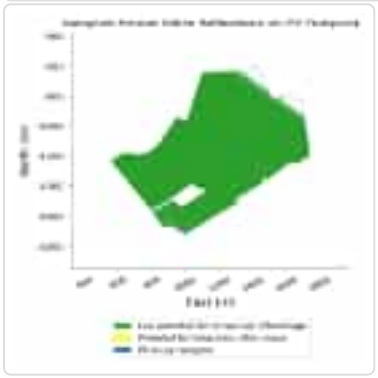
PV array is expected to produce the following glare for this receptor:

- 1,252 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





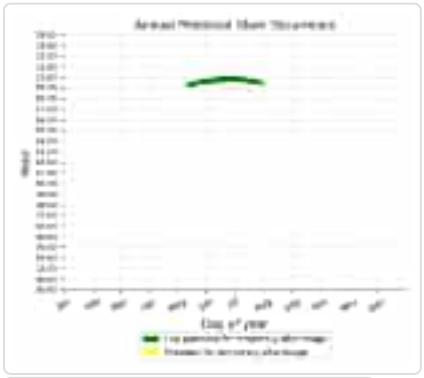


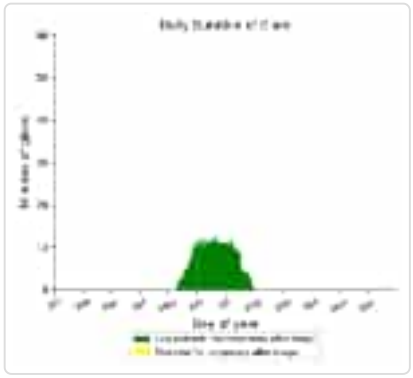


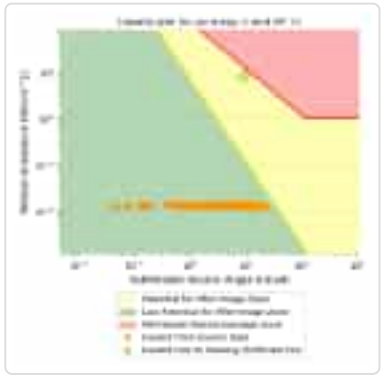
PV array 3: OP 71

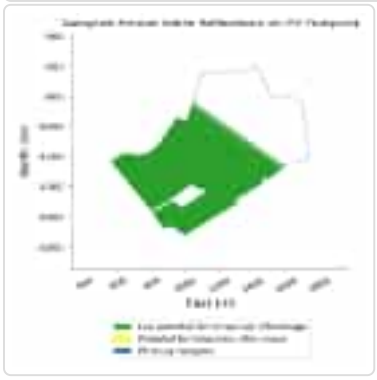
PV array is expected to produce the following glare for this receptor:

- 684 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 72

No glare found

PV array 3: OP 73

No glare found

PV array 3: OP 74

No glare found

PV array 3: OP 75

No glare found

PV array 3: OP 76

No glare found

PV array 3: OP 77

No glare found

PV array 3: OP 78

No glare found

PV array 3: OP 79

No glare found

PV array 3: OP 80

No glare found

PV array 4 low potential for temporary after-image

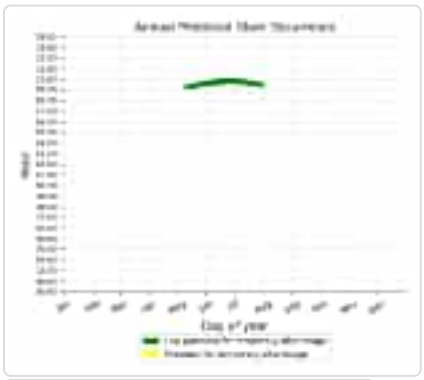
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	1138	0
OP: OP 2	269	0
OP: OP 3	0	0
OP: OP 4	691	0
OP: OP 5	758	0
OP: OP 6	752	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	1420	0
OP: OP 38	1251	0
OP: OP 39	1217	0
OP: OP 40	1267	0
OP: OP 41	1203	0
OP: OP 42	0	0
OP: OP 43	567	0
OP: OP 44	758	0
OP: OP 45	979	0
OP: OP 46	1289	0
OP: OP 47	1361	0
OP: OP 48	1147	0
OP: OP 49	1166	0

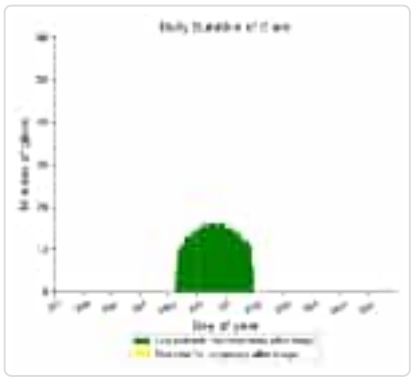
OP: OP 50	1311	0
OP: OP 51	1305	0
OP: OP 52	1316	0
OP: OP 53	1243	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	363	0
OP: OP 70	383	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

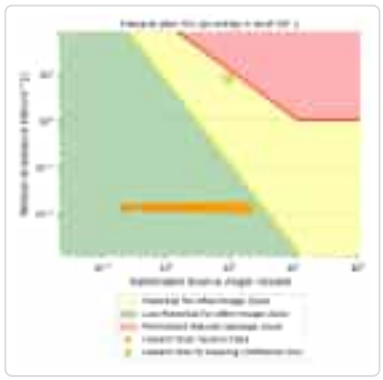
PV array 4: OP 1

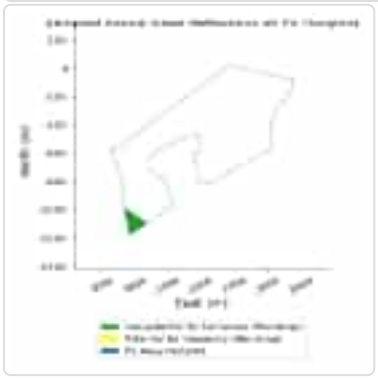
PV array is expected to produce the following glare for this receptor:

- 1,138 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





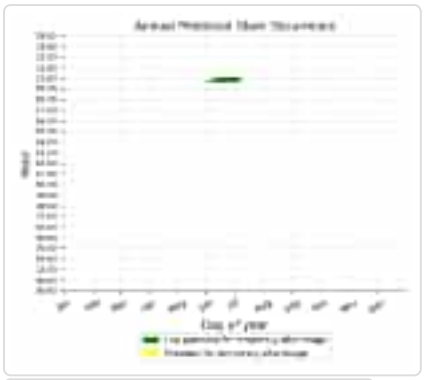


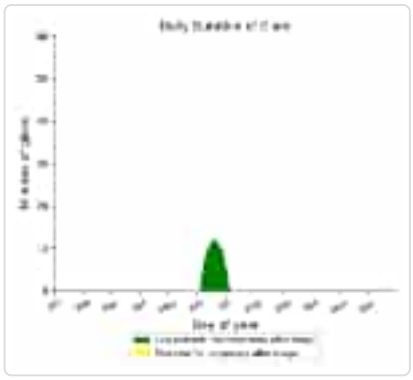


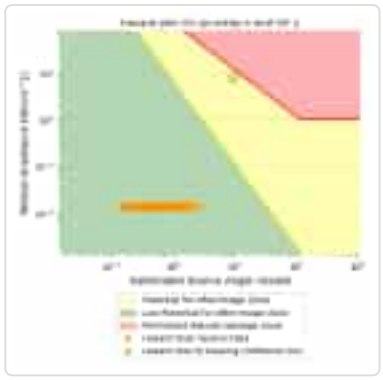
PV array 4: OP 2

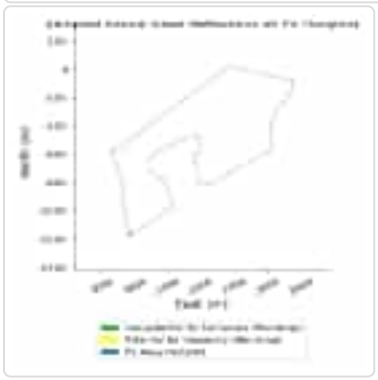
PV array is expected to produce the following glare for this receptor:

- 269 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









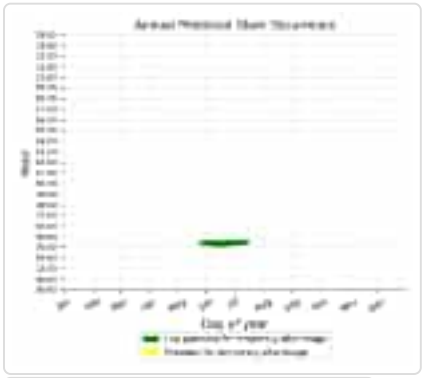
PV array 4: OP 3

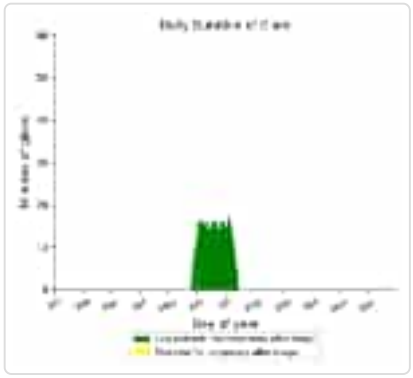
No glare found

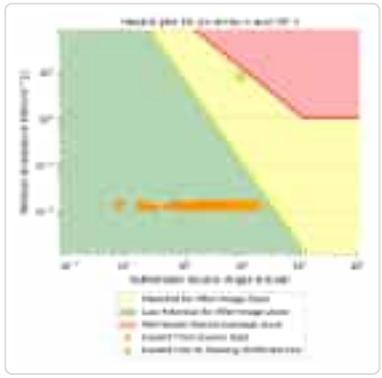
PV array 4: OP 4

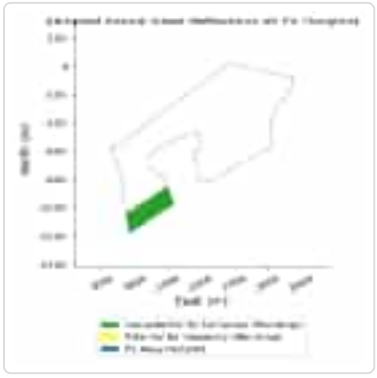
PV array is expected to produce the following glare for this receptor:

- 691 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





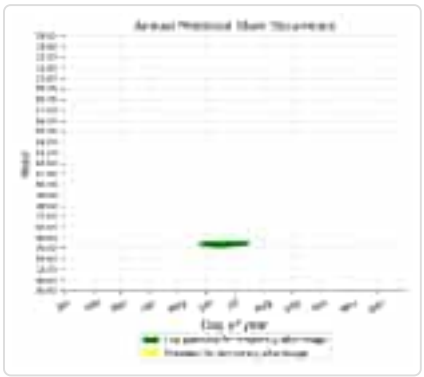


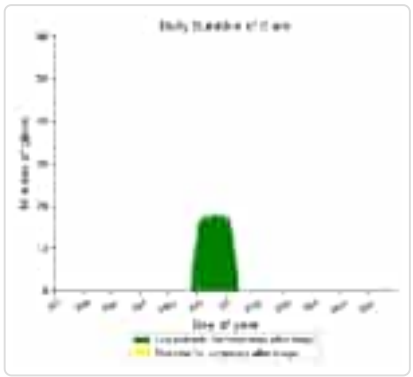


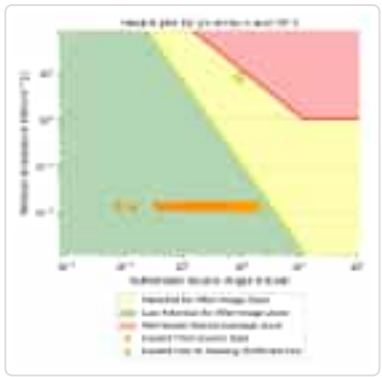
PV array 4: OP 5

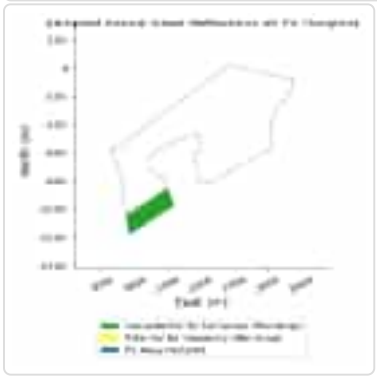
PV array is expected to produce the following glare for this receptor:

- 758 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





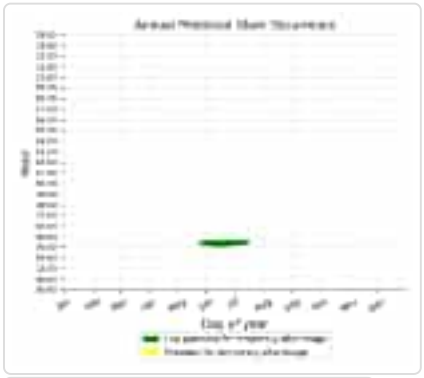


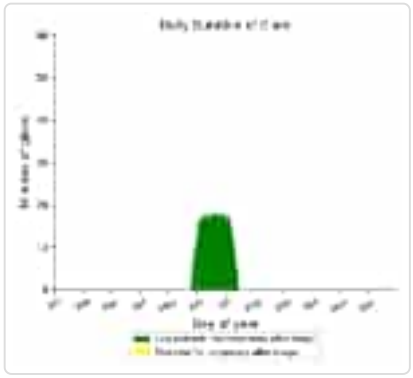


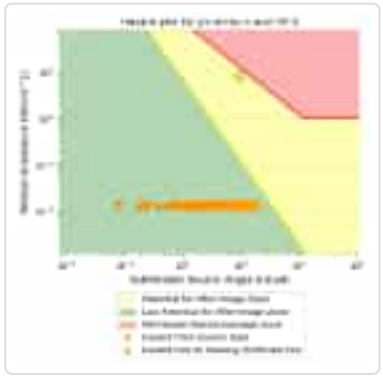
PV array 4: OP 6

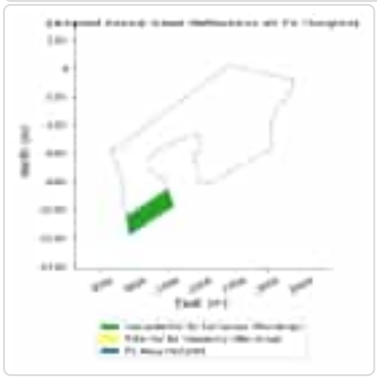
PV array is expected to produce the following glare for this receptor:

- 752 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 7

No glare found

PV array 4: OP 8

No glare found

PV array 4: OP 9

No glare found

PV array 4: OP 10

No glare found

PV array 4: OP 11

No glare found

PV array 4: OP 12

No glare found

PV array 4: OP 13

No glare found

PV array 4: OP 14

No glare found

PV array 4: OP 15

No glare found

PV array 4: OP 16

No glare found

PV array 4: OP 17

No glare found

PV array 4: OP 18

No glare found

PV array 4: OP 19

No glare found

PV array 4: OP 20

No glare found

PV array 4: OP 21

No glare found

PV array 4: OP 22

No glare found

PV array 4: OP 23

No glare found

PV array 4: OP 24

No glare found

PV array 4: OP 25

No glare found

PV array 4: OP 26

No glare found

PV array 4: OP 27

No glare found

PV array 4: OP 28

No glare found

PV array 4: OP 29

No glare found

PV array 4: OP 30

No glare found

PV array 4: OP 31

No glare found

PV array 4: OP 32

No glare found

PV array 4: OP 33

No glare found

PV array 4: OP 34

No glare found

PV array 4: OP 35

No glare found

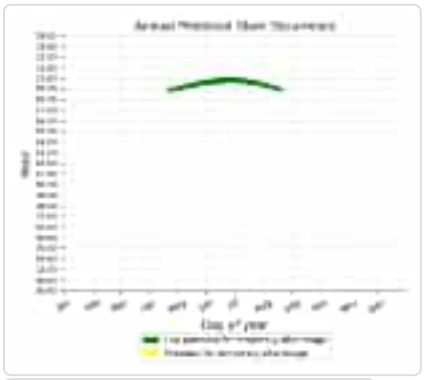
PV array 4: OP 36

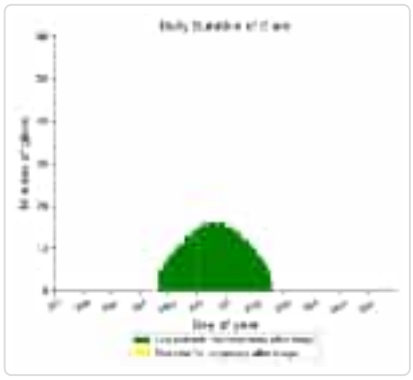
No glare found

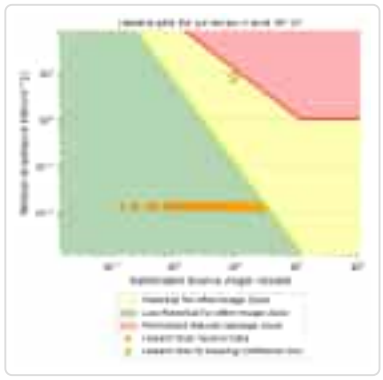
PV array 4: OP 37

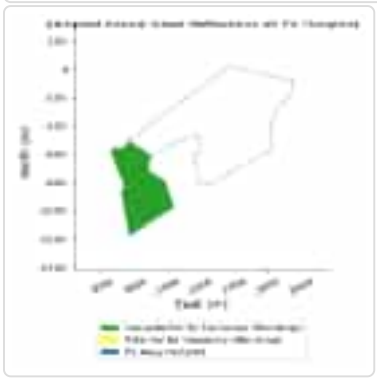
PV array is expected to produce the following glare for this receptor:

- 1,420 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





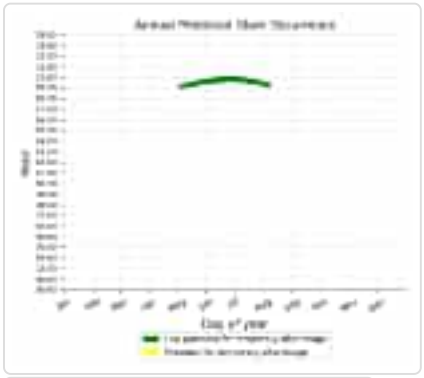


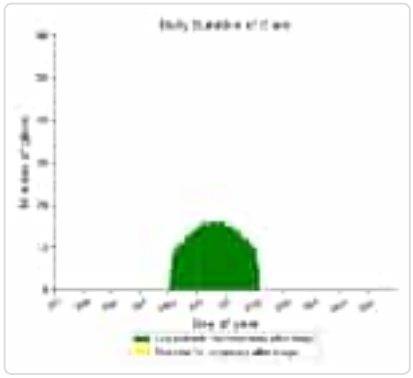


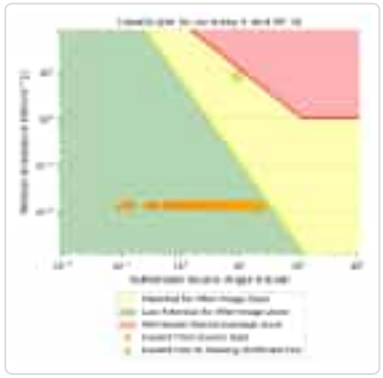
PV array 4: OP 38

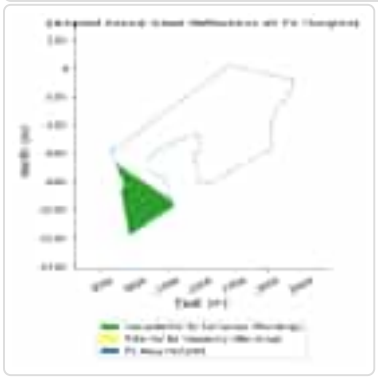
PV array is expected to produce the following glare for this receptor:

- 1,251 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





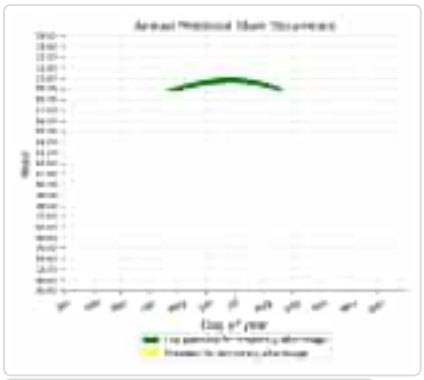


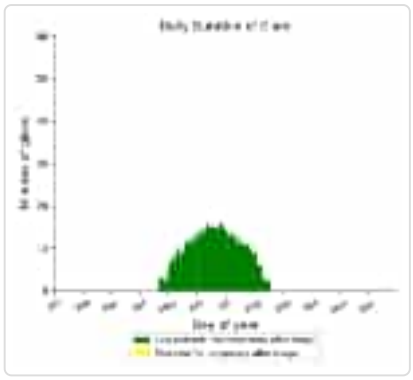


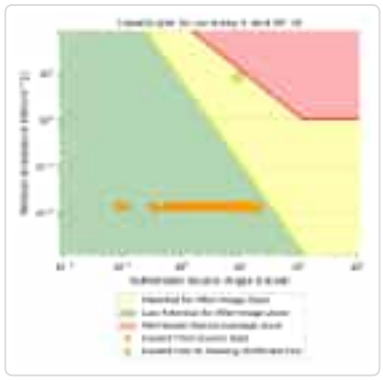
PV array 4: OP 39

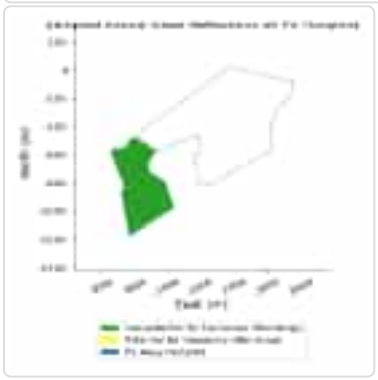
PV array is expected to produce the following glare for this receptor:

- 1,217 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





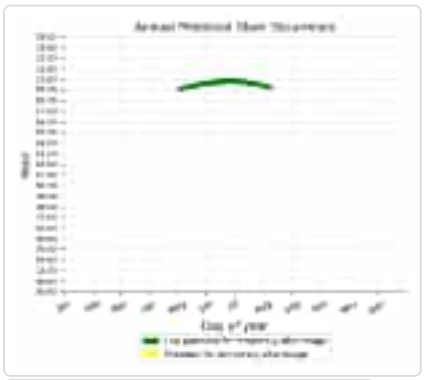
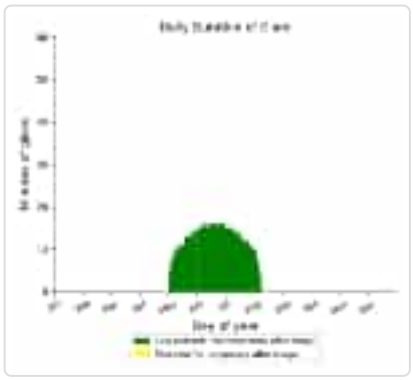
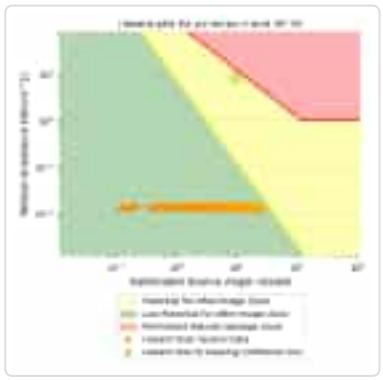
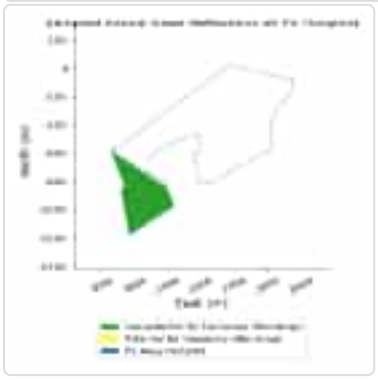




PV array 4: OP 40

PV array is expected to produce the following glare for this receptor:

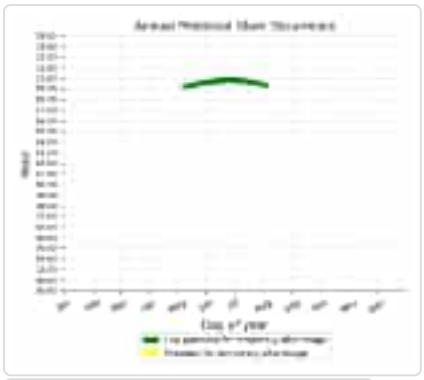
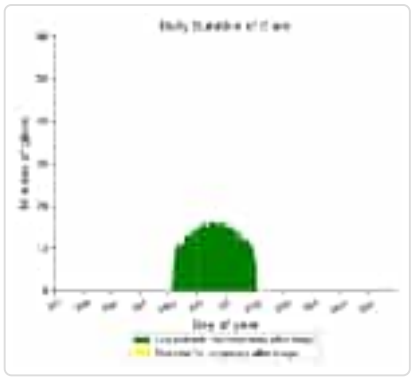
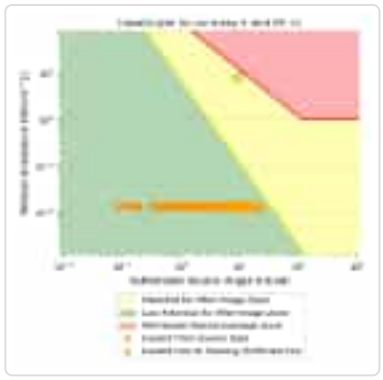
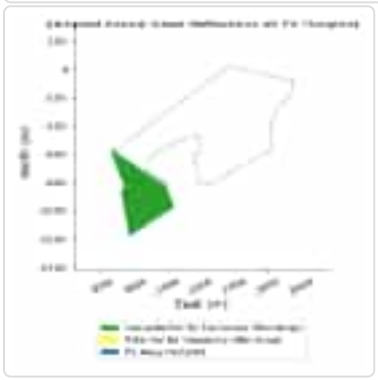
- 1,267 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 4: OP 41

PV array is expected to produce the following glare for this receptor:

- 1,203 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

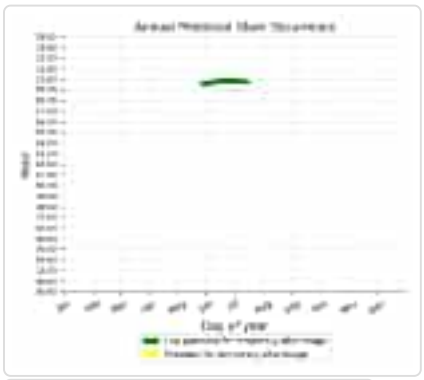
PV array 4: OP 42

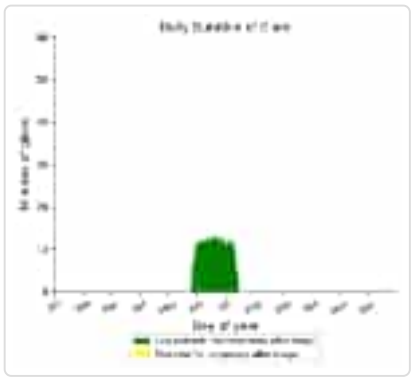
No glare found

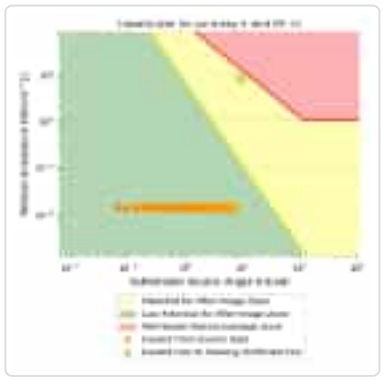
PV array 4: OP 43

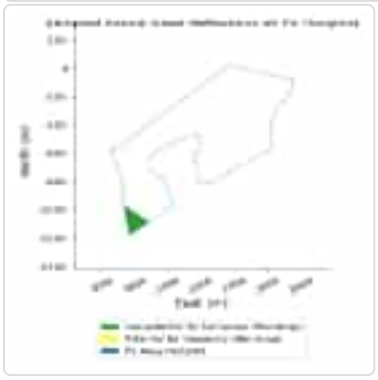
PV array is expected to produce the following glare for this receptor:

- 567 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





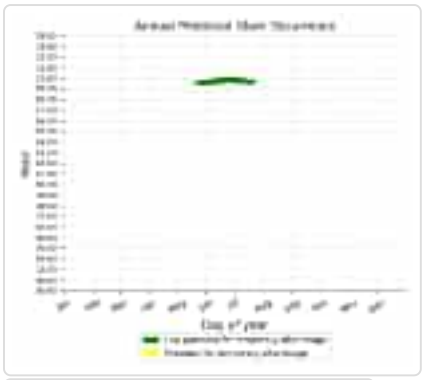


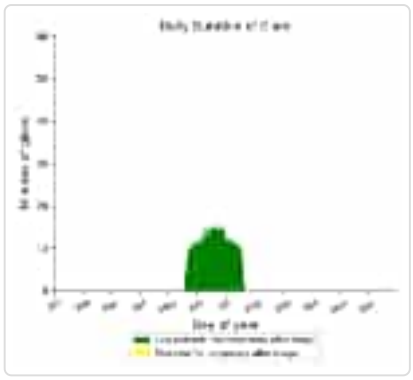


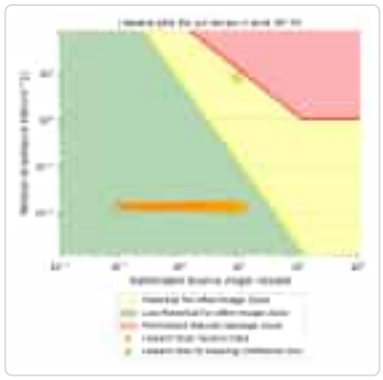
PV array 4: OP 44

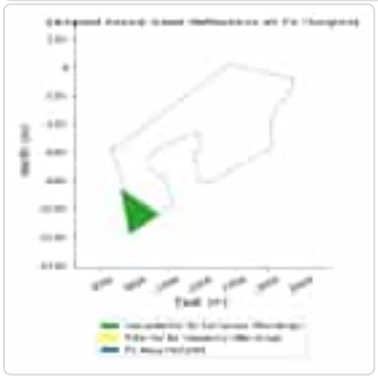
PV array is expected to produce the following glare for this receptor:

- 758 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





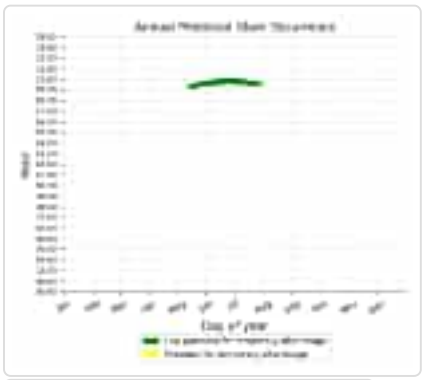


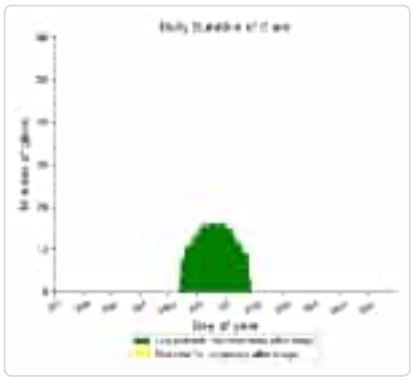


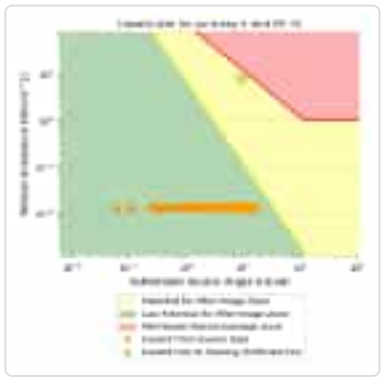
PV array 4: OP 45

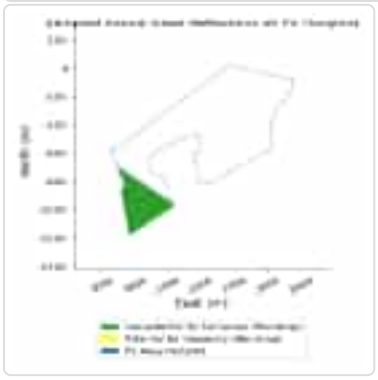
PV array is expected to produce the following glare for this receptor:

- 979 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





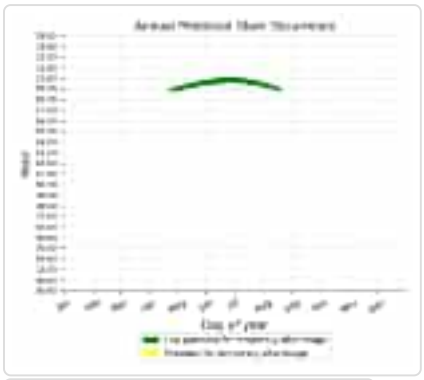


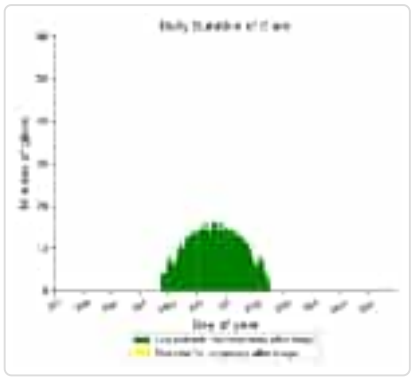


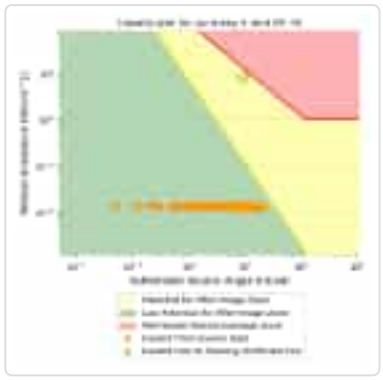
PV array 4: OP 46

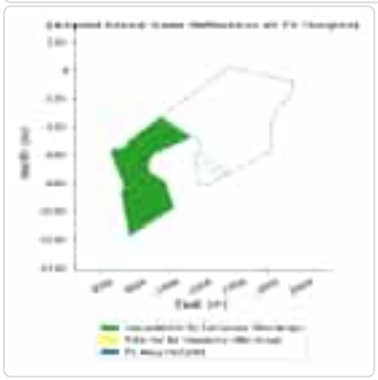
PV array is expected to produce the following glare for this receptor:

- 1,289 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





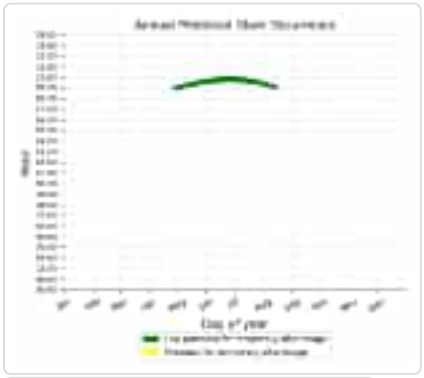


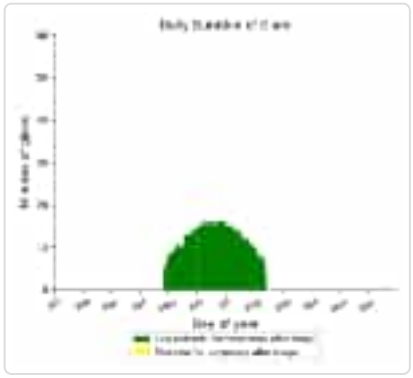


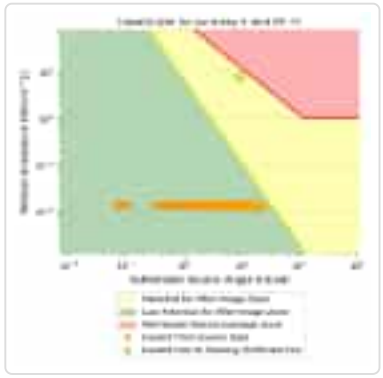
PV array 4: OP 47

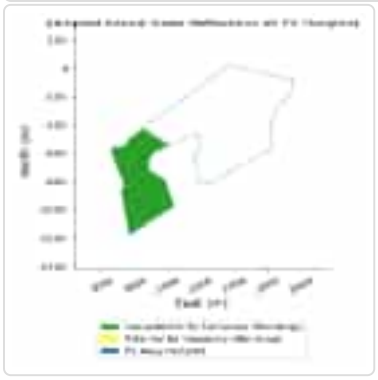
PV array is expected to produce the following glare for this receptor:

- 1,361 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





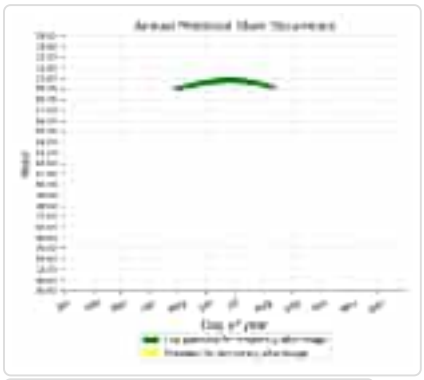


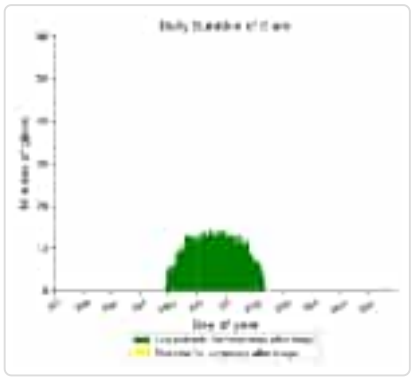


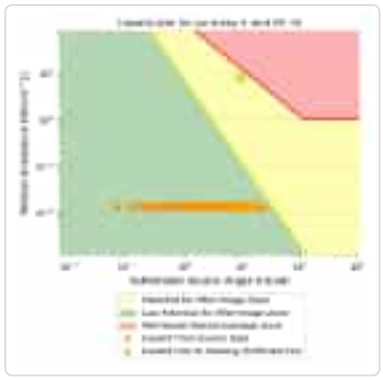
PV array 4: OP 48

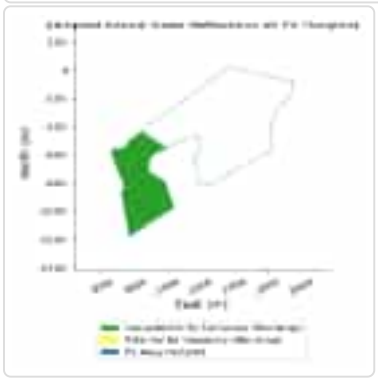
PV array is expected to produce the following glare for this receptor:

- 1,147 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





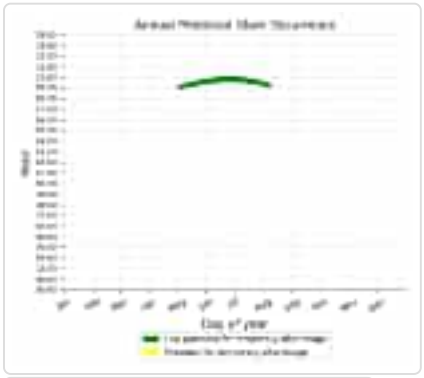


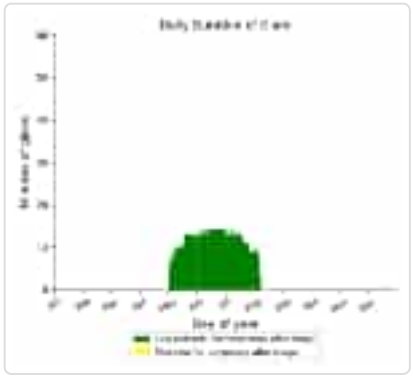


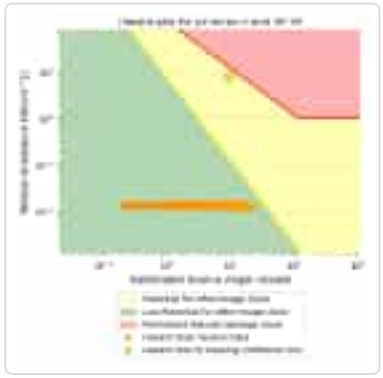
PV array 4: OP 49

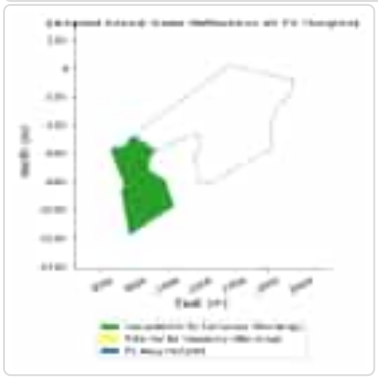
PV array is expected to produce the following glare for this receptor:

- 1,166 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





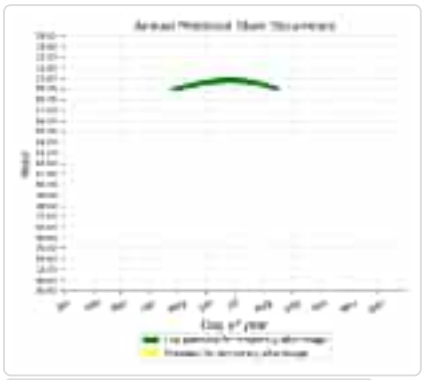


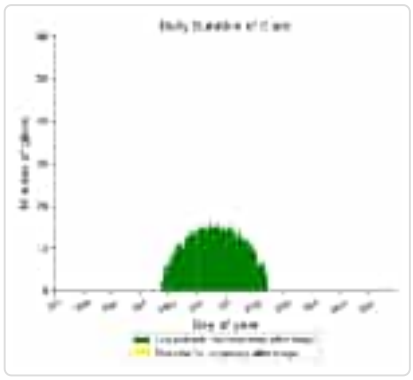


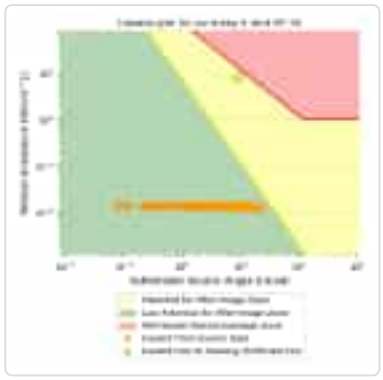
PV array 4: OP 50

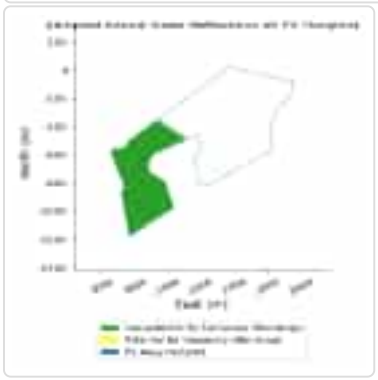
PV array is expected to produce the following glare for this receptor:

- 1,311 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





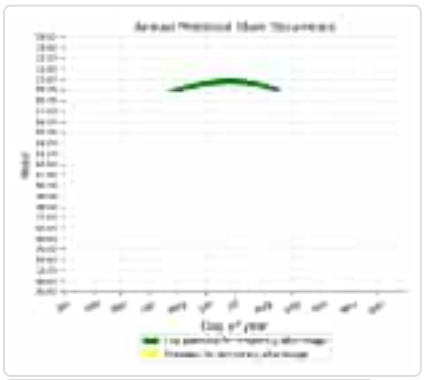


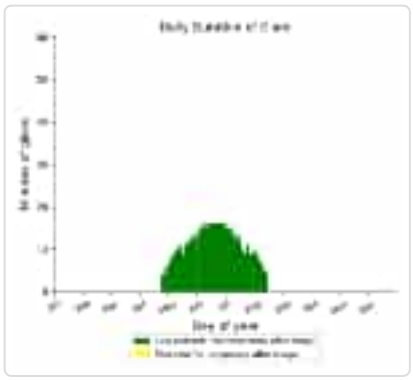


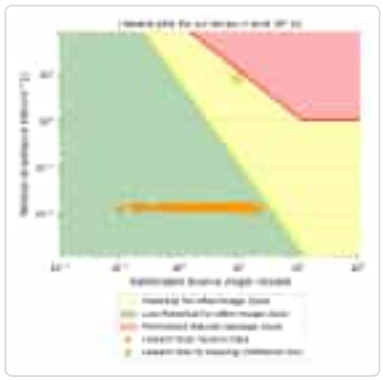
PV array 4: OP 51

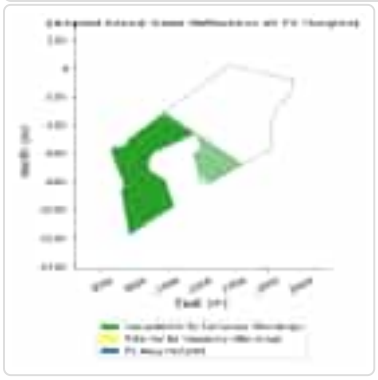
PV array is expected to produce the following glare for this receptor:

- 1,305 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





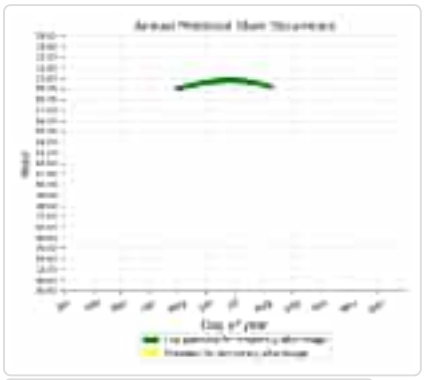


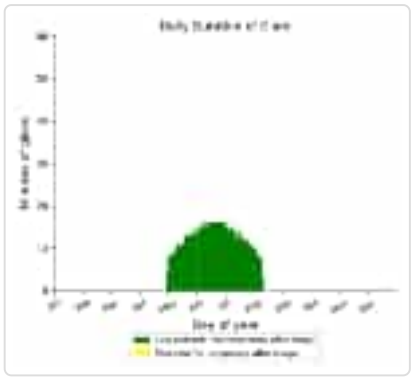


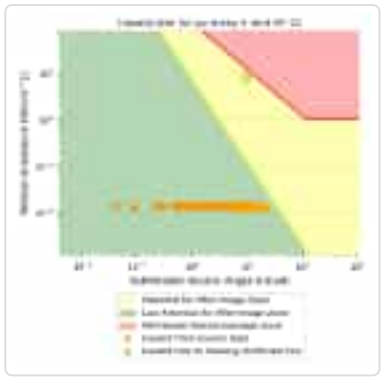
PV array 4: OP 52

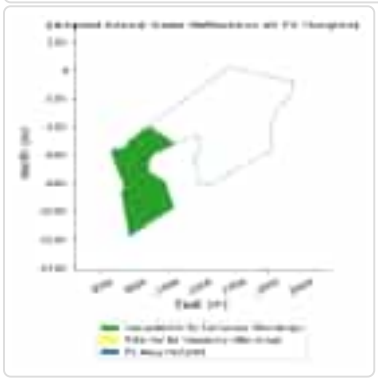
PV array is expected to produce the following glare for this receptor:

- 1,316 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





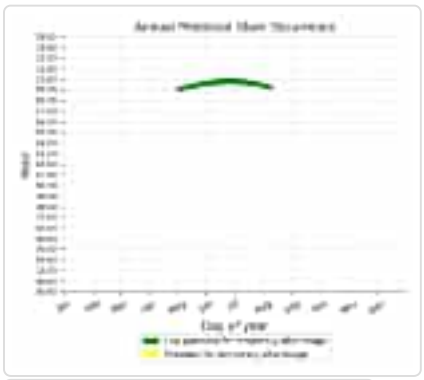


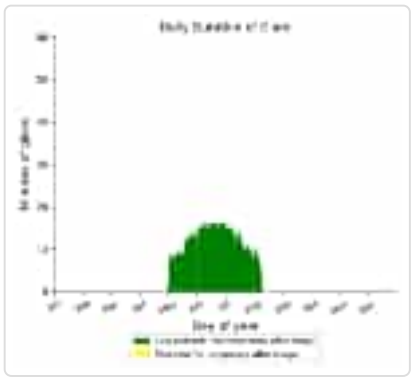


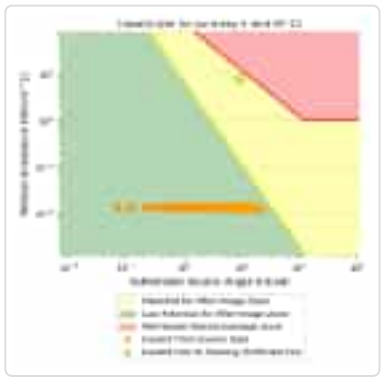
PV array 4: OP 53

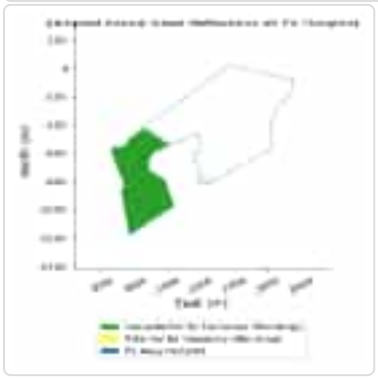
PV array is expected to produce the following glare for this receptor:

- 1,243 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 54

No glare found

PV array 4: OP 55

No glare found

PV array 4: OP 56

No glare found

PV array 4: OP 57

No glare found

PV array 4: OP 58

No glare found

PV array 4: OP 59

No glare found

PV array 4: OP 60

No glare found

PV array 4: OP 61

No glare found

PV array 4: OP 62

No glare found

PV array 4: OP 63

No glare found

PV array 4: OP 64

No glare found

PV array 4: OP 65

No glare found

PV array 4: OP 66

No glare found

PV array 4: OP 67

No glare found

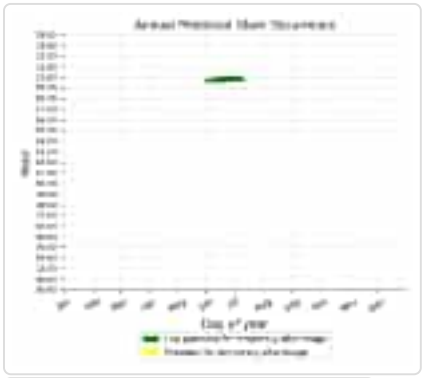
PV array 4: OP 68

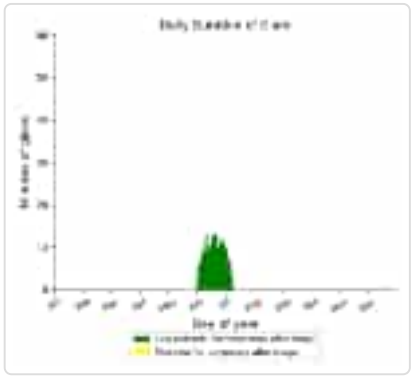
No glare found

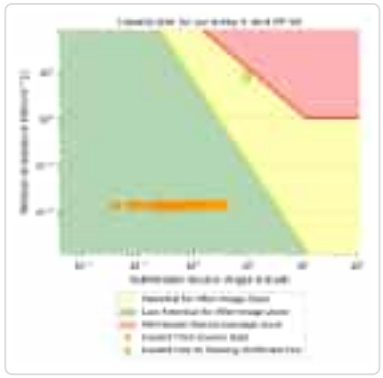
PV array 4: OP 69

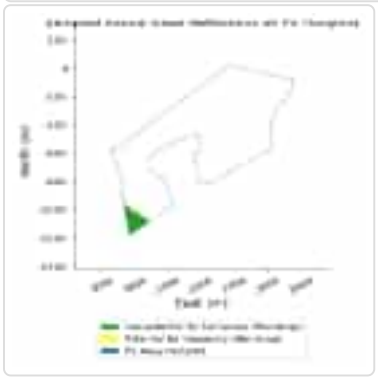
PV array is expected to produce the following glare for this receptor:

- 363 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





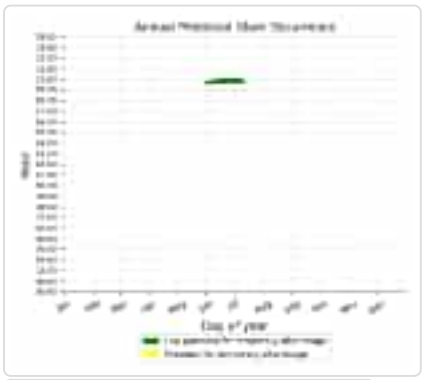


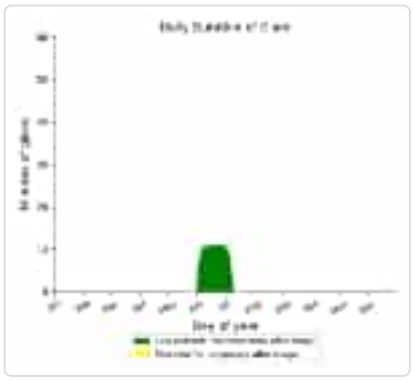


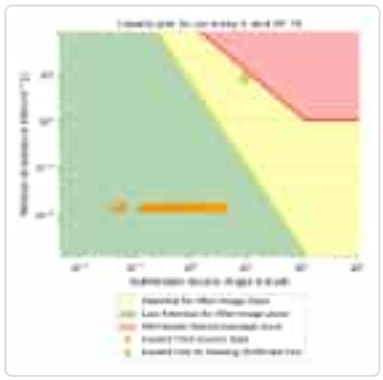
PV array 4: OP 70

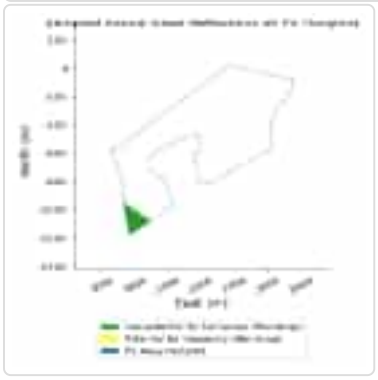
PV array is expected to produce the following glare for this receptor:

- 383 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 71

No glare found

PV array 4: OP 72

No glare found

PV array 4: OP 73

No glare found

PV array 4: OP 74

No glare found

PV array 4: OP 75

No glare found

PV array 4: OP 76

No glare found

PV array 4: OP 77

No glare found

PV array 4: OP 78

No glare found

PV array 4: OP 79

No glare found

PV array 4: OP 80

No glare found

PV array 5 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	691	0
OP: OP 5	697	0
OP: OP 6	691	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0

OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

PV array 5: OP 1

No glare found

PV array 5: OP 2

No glare found

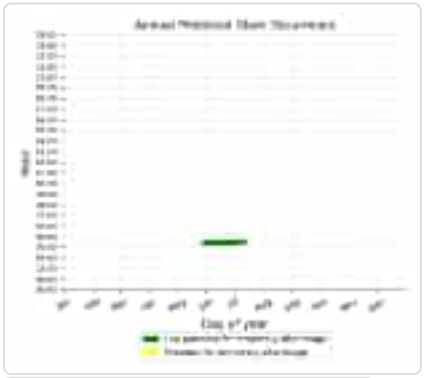
PV array 5: OP 3

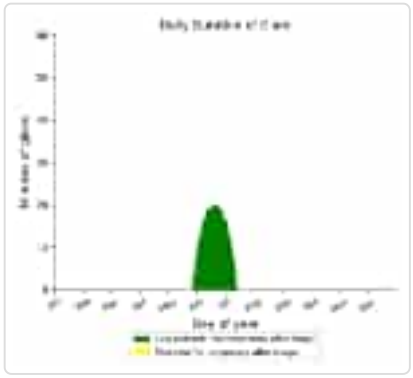
No glare found

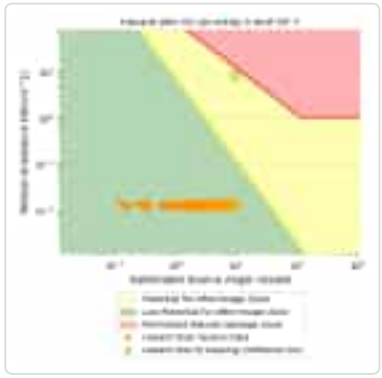
PV array 5: OP 4

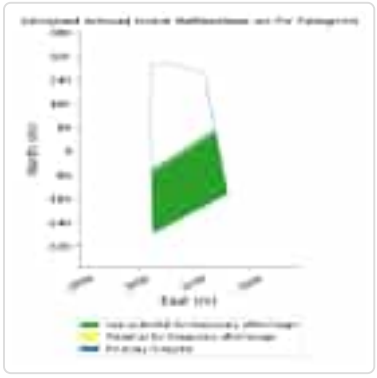
PV array is expected to produce the following glare for this receptor:

- 691 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





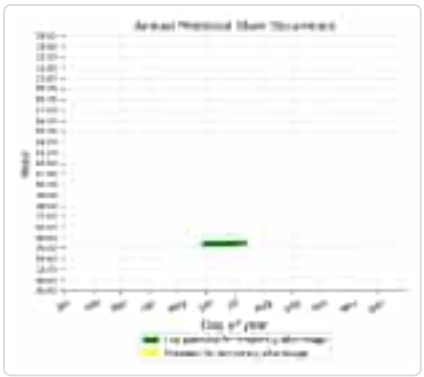


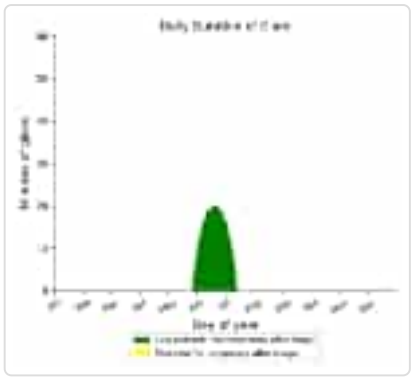


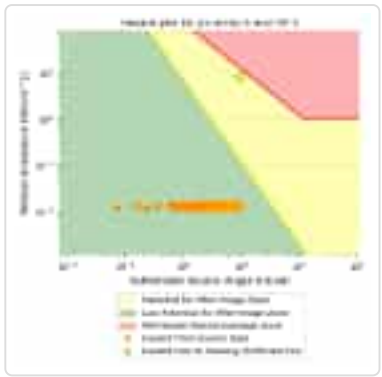
PV array 5: OP 5

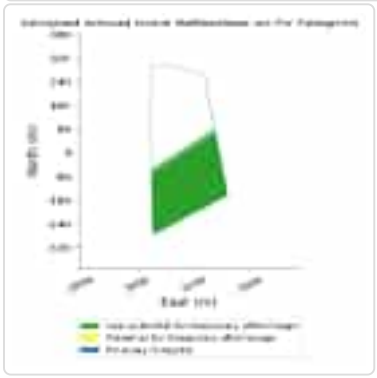
PV array is expected to produce the following glare for this receptor:

- 697 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





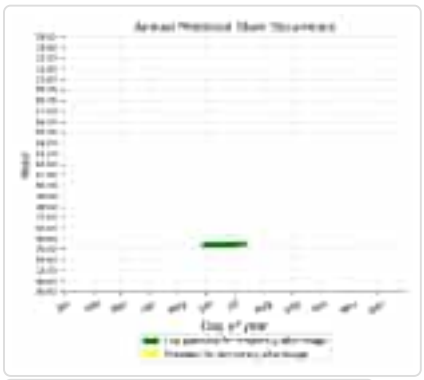


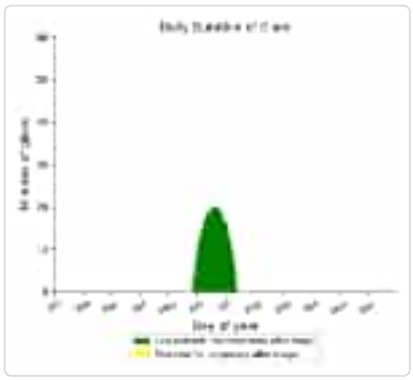


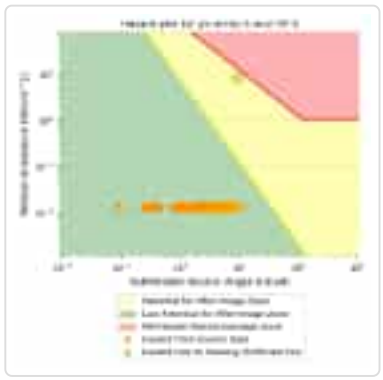
PV array 5: OP 6

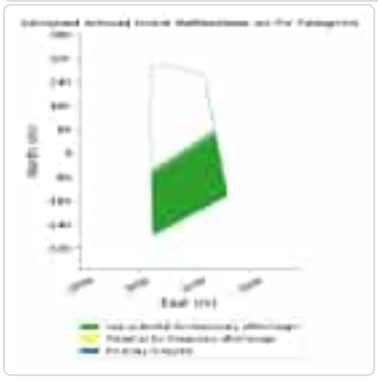
PV array is expected to produce the following glare for this receptor:

- 691 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 7

No glare found

PV array 5: OP 8

No glare found

PV array 5: OP 9

No glare found

PV array 5: OP 10

No glare found

PV array 5: OP 11

No glare found

PV array 5: OP 12

No glare found

PV array 5: OP 13

No glare found

PV array 5: OP 14

No glare found

PV array 5: OP 15

No glare found

PV array 5: OP 16

No glare found

PV array 5: OP 17

No glare found

PV array 5: OP 18

No glare found

PV array 5: OP 19

No glare found

PV array 5: OP 20

No glare found

PV array 5: OP 21

No glare found

PV array 5: OP 22

No glare found

PV array 5: OP 23

No glare found

PV array 5: OP 24

No glare found

PV array 5: OP 25

No glare found

PV array 5: OP 26

No glare found

PV array 5: OP 27

No glare found

PV array 5: OP 28

No glare found

PV array 5: OP 29

No glare found

PV array 5: OP 30

No glare found

PV array 5: OP 31

No glare found

PV array 5: OP 32

No glare found

PV array 5: OP 33

No glare found

PV array 5: OP 34

No glare found

PV array 5: OP 35

No glare found

PV array 5: OP 36

No glare found

PV array 5: OP 37

No glare found

PV array 5: OP 38

No glare found

PV array 5: OP 39

No glare found

PV array 5: OP 40

No glare found

PV array 5: OP 41

No glare found

PV array 5: OP 42

No glare found

PV array 5: OP 43

No glare found

PV array 5: OP 44

No glare found

PV array 5: OP 45

No glare found

PV array 5: OP 46

No glare found

PV array 5: OP 47

No glare found

PV array 5: OP 48

No glare found

PV array 5: OP 49

No glare found

PV array 5: OP 50

No glare found

PV array 5: OP 51

No glare found

PV array 5: OP 52

No glare found

PV array 5: OP 53

No glare found

PV array 5: OP 54

No glare found

PV array 5: OP 55

No glare found

PV array 5: OP 56

No glare found

PV array 5: OP 57

No glare found

PV array 5: OP 58

No glare found

PV array 5: OP 59

No glare found

PV array 5: OP 60

No glare found

PV array 5: OP 61

No glare found

PV array 5: OP 62

No glare found

PV array 5: OP 63

No glare found

PV array 5: OP 64

No glare found

PV array 5: OP 65

No glare found

PV array 5: OP 66

No glare found

PV array 5: OP 67

No glare found

PV array 5: OP 68

No glare found

PV array 5: OP 69

No glare found

PV array 5: OP 70

No glare found

PV array 5: OP 71

No glare found

PV array 5: OP 72

No glare found

PV array 5: OP 73

No glare found

PV array 5: OP 74

No glare found

PV array 5: OP 75

No glare found

PV array 5: OP 76

No glare found

PV array 5: OP 77

No glare found

PV array 5: OP 78

No glare found

PV array 5: OP 79

No glare found

PV array 5: OP 80

No glare found

PV array 6 low potential for temporary after-image

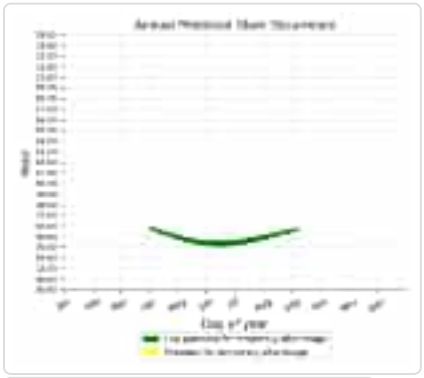
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	1747	0
OP: OP 2	1749	0
OP: OP 3	1297	0
OP: OP 4	1681	0
OP: OP 5	1641	0
OP: OP 6	1307	0
OP: OP 7	1463	0
OP: OP 8	1180	0
OP: OP 9	1161	0
OP: OP 10	1047	0
OP: OP 11	953	0
OP: OP 12	1115	0
OP: OP 13	940	0
OP: OP 14	1061	0
OP: OP 15	1562	0
OP: OP 16	1409	0
OP: OP 17	1248	0
OP: OP 18	887	0
OP: OP 19	300	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	186	0
OP: OP 25	833	0
OP: OP 26	253	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	450	0
OP: OP 36	663	0
OP: OP 37	1304	0
OP: OP 38	0	0
OP: OP 39	1290	0
OP: OP 40	232	0
OP: OP 41	319	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	1182	0

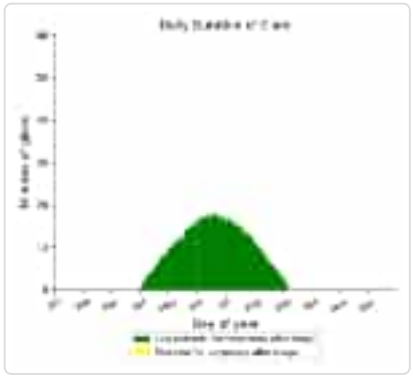
OP: OP 47	1151	0
OP: OP 48	1116	0
OP: OP 49	753	0
OP: OP 50	1112	0
OP: OP 51	1160	0
OP: OP 52	1033	0
OP: OP 53	1013	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

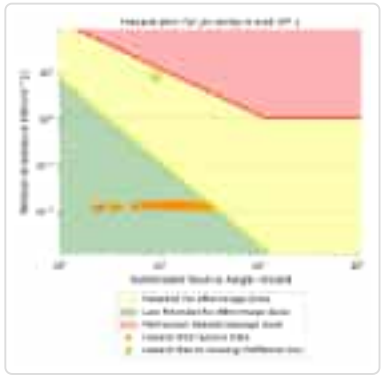
PV array 6: OP 1

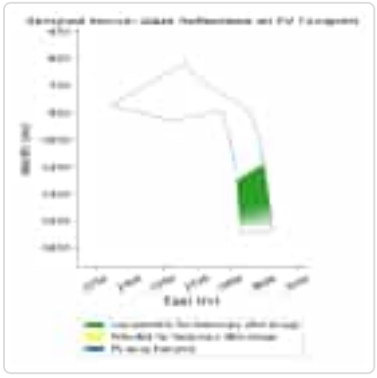
PV array is expected to produce the following glare for this receptor:

- 1,747 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





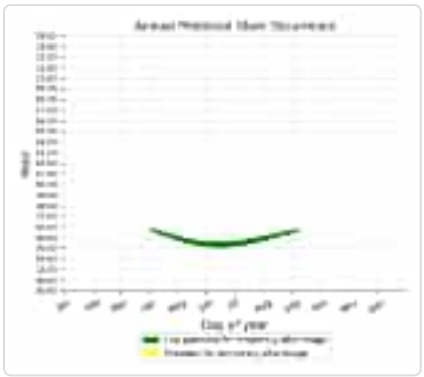


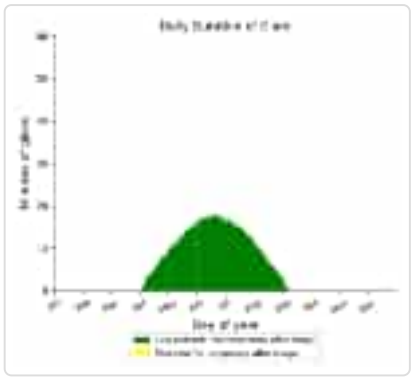


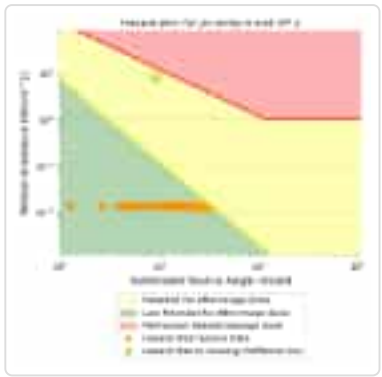
PV array 6: OP 2

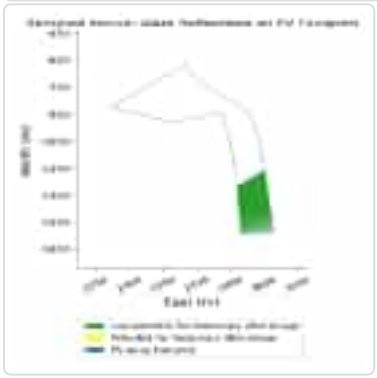
PV array is expected to produce the following glare for this receptor:

- 1,749 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





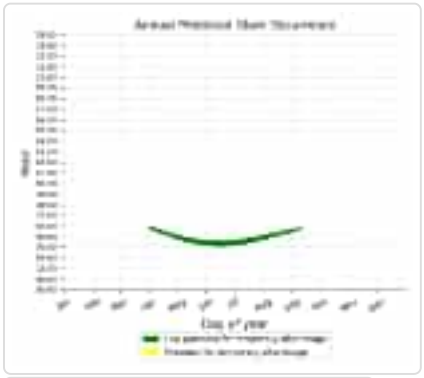


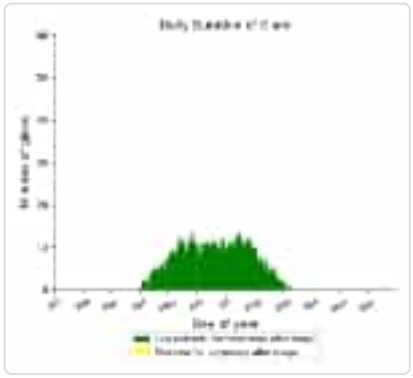


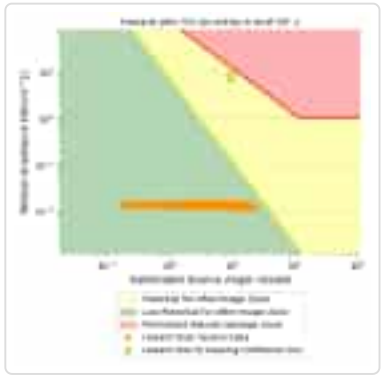
PV array 6: OP 3

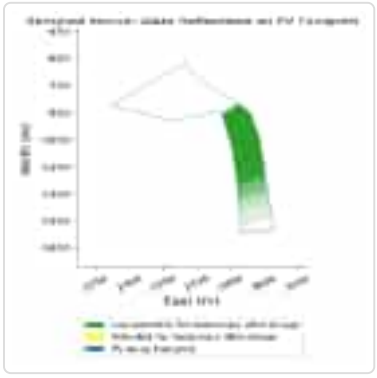
PV array is expected to produce the following glare for this receptor:

- 1,297 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





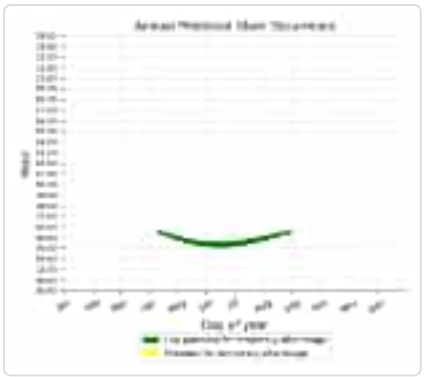


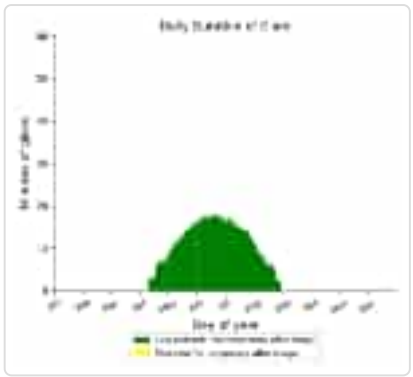


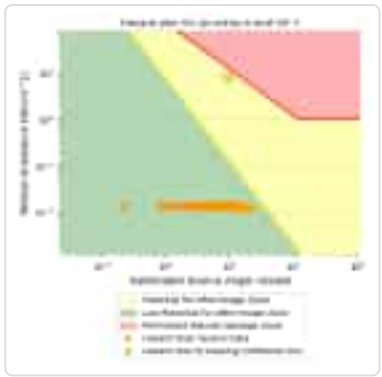
PV array 6: OP 4

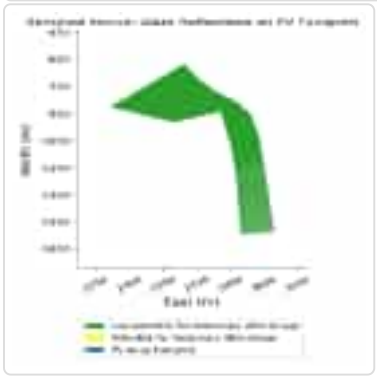
PV array is expected to produce the following glare for this receptor:

- 1,681 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





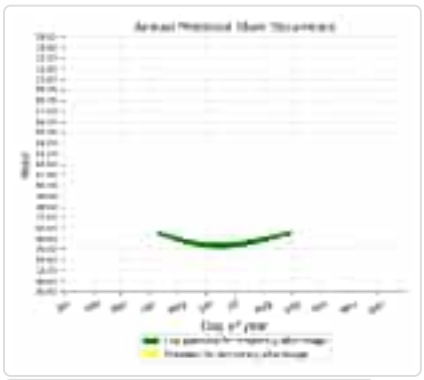


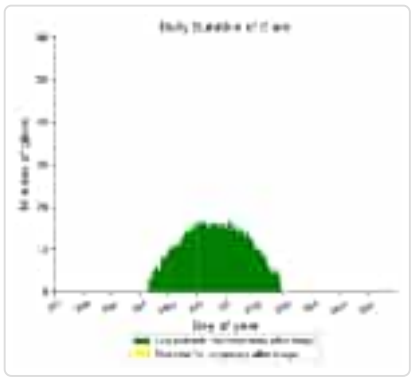


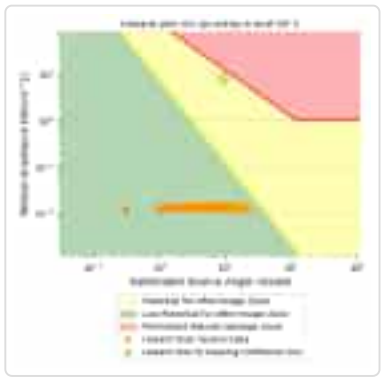
PV array 6: OP 5

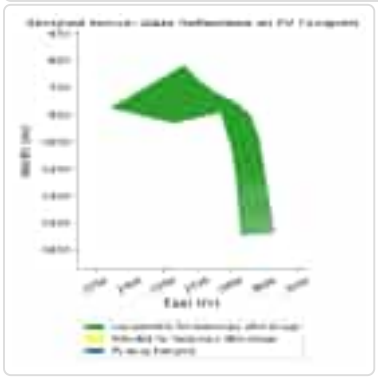
PV array is expected to produce the following glare for this receptor:

- 1,641 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





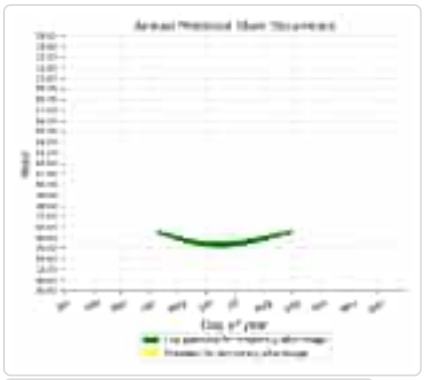


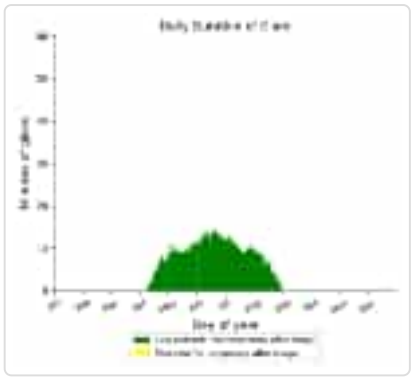


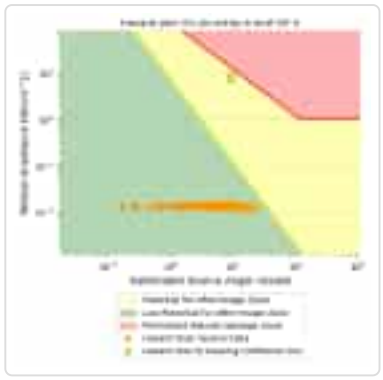
PV array 6: OP 6

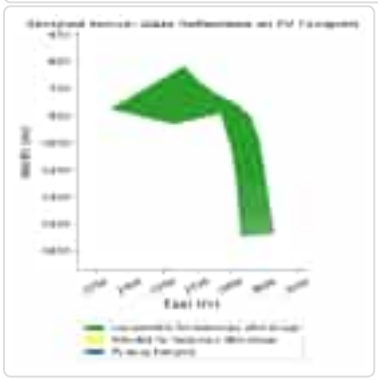
PV array is expected to produce the following glare for this receptor:

- 1,307 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





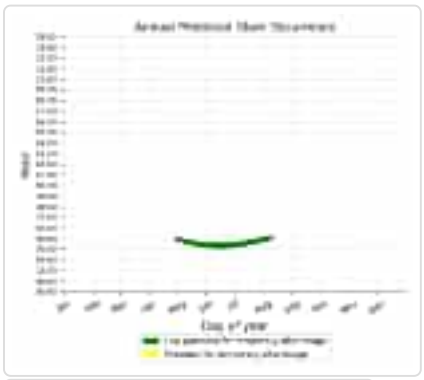


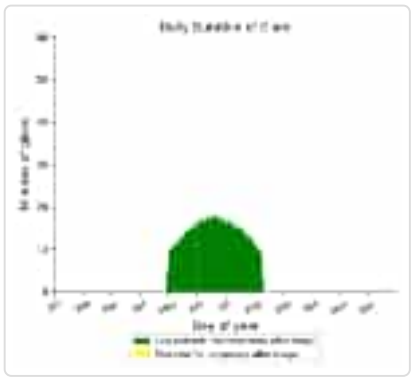


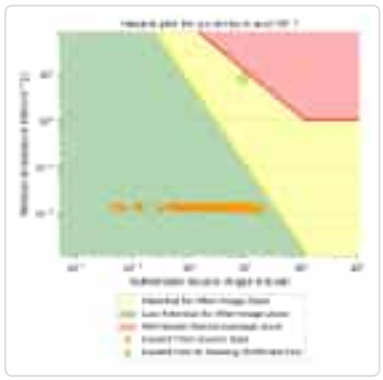
PV array 6: OP 7

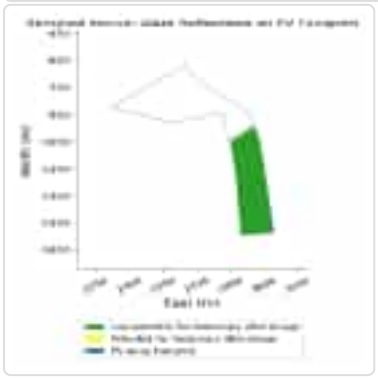
PV array is expected to produce the following glare for this receptor:

- 1,463 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





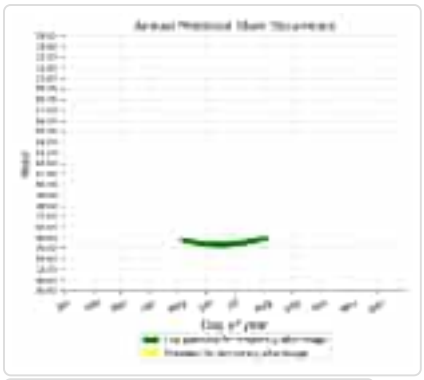


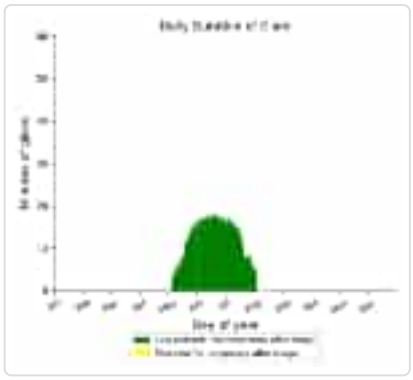


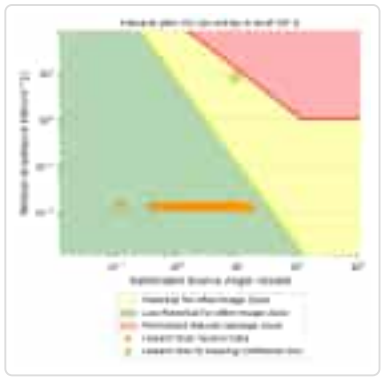
PV array 6: OP 8

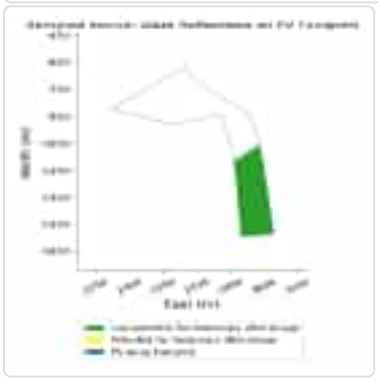
PV array is expected to produce the following glare for this receptor:

- 1,180 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





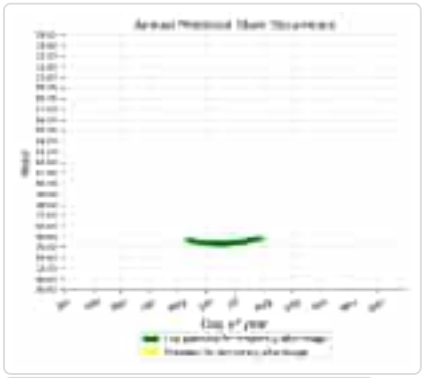


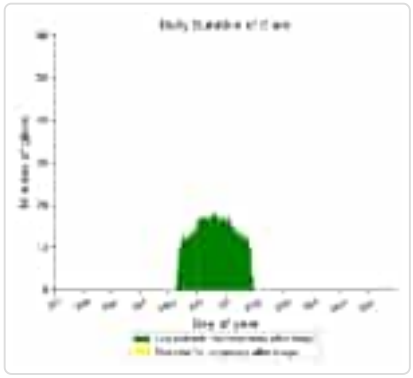


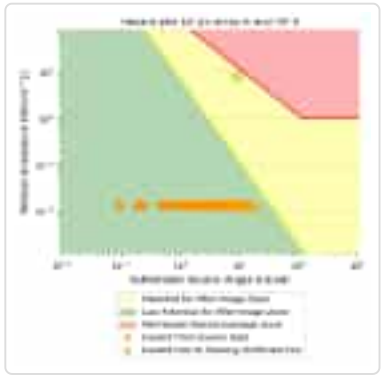
PV array 6: OP 9

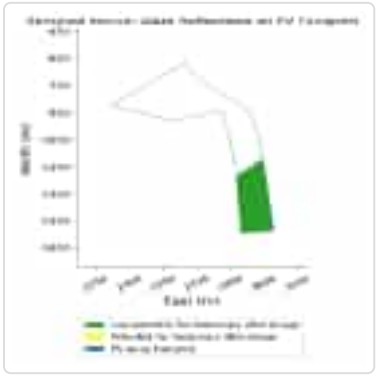
PV array is expected to produce the following glare for this receptor:

- 1,161 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





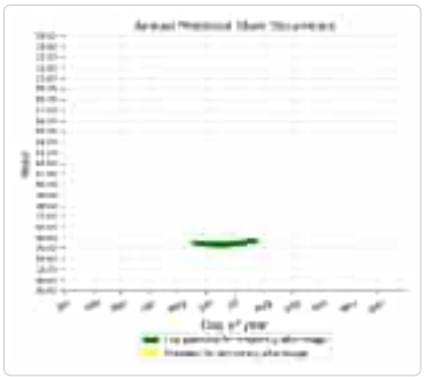


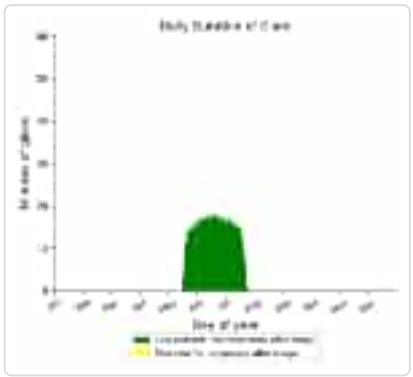


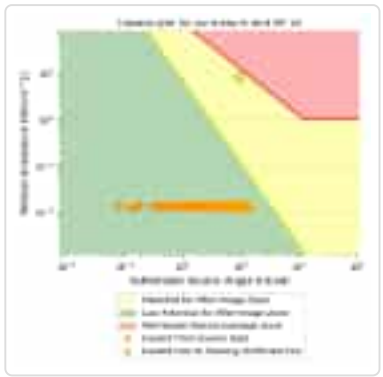
PV array 6: OP 10

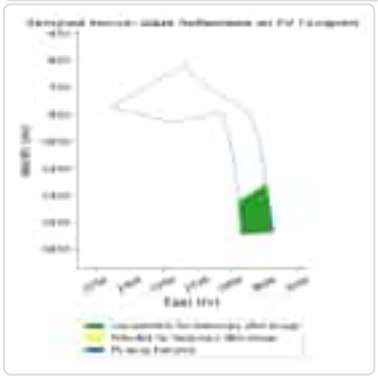
PV array is expected to produce the following glare for this receptor:

- 1,047 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





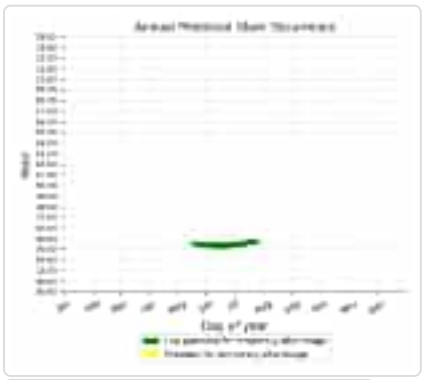


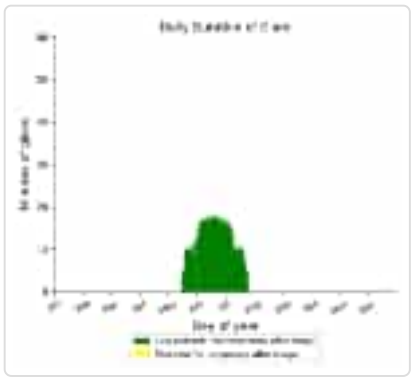


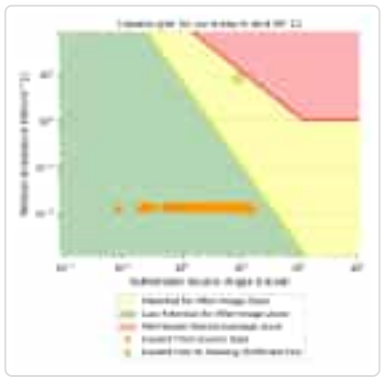
PV array 6: OP 11

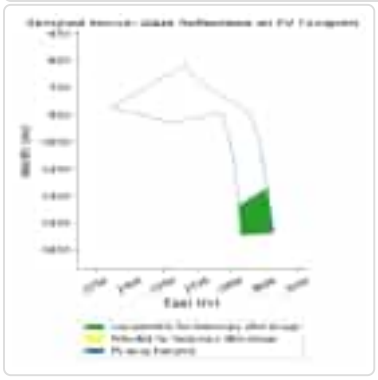
PV array is expected to produce the following glare for this receptor:

- 953 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





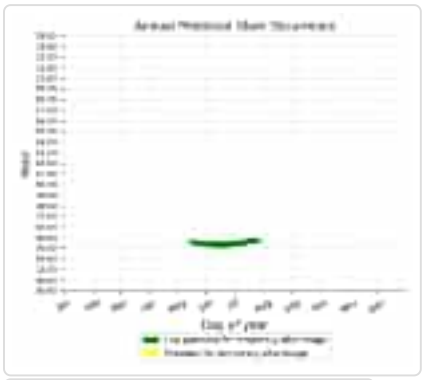


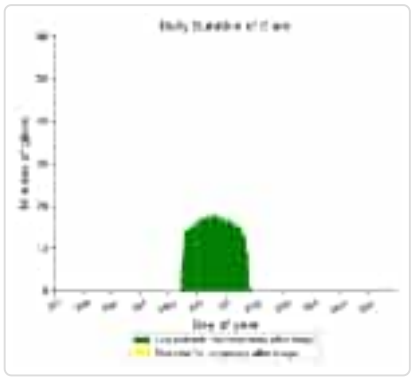


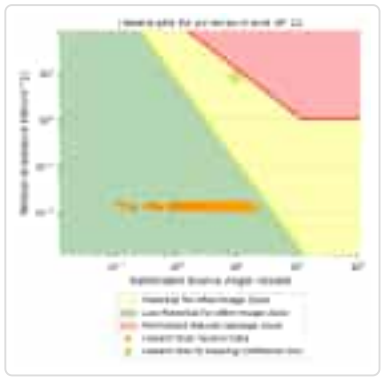
PV array 6: OP 12

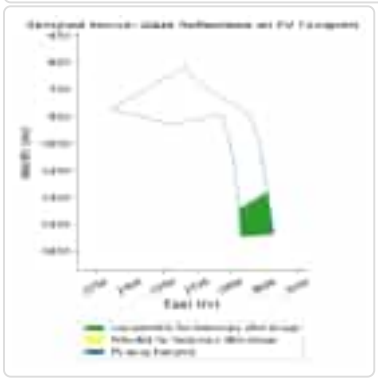
PV array is expected to produce the following glare for this receptor:

- 1,115 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





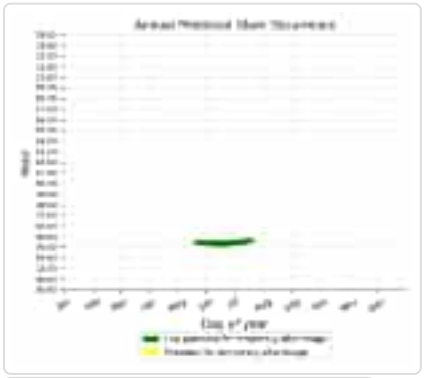


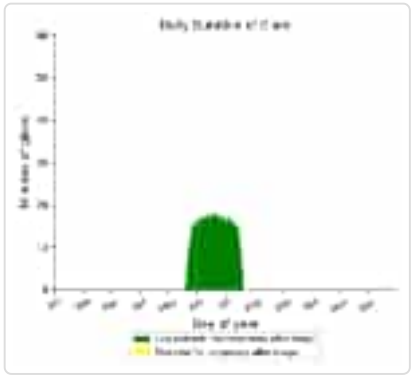


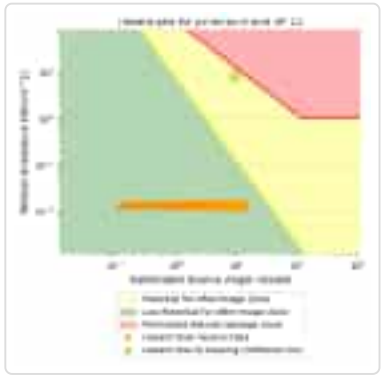
PV array 6: OP 13

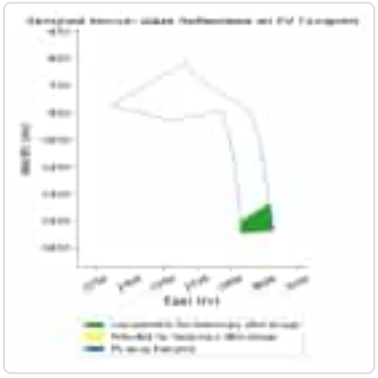
PV array is expected to produce the following glare for this receptor:

- 940 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





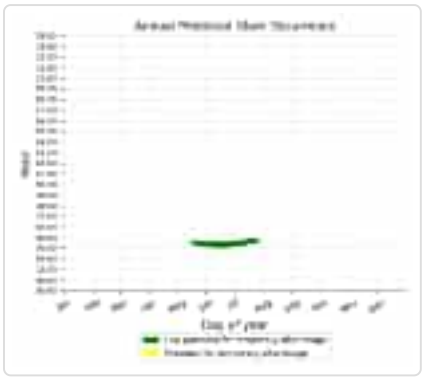


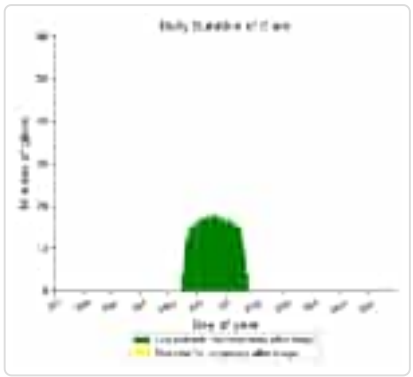


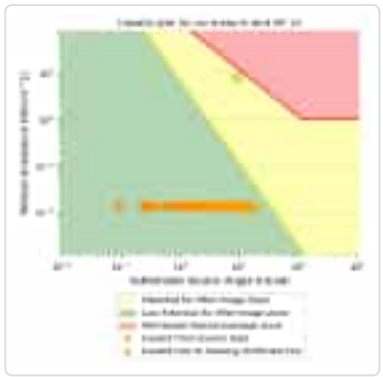
PV array 6: OP 14

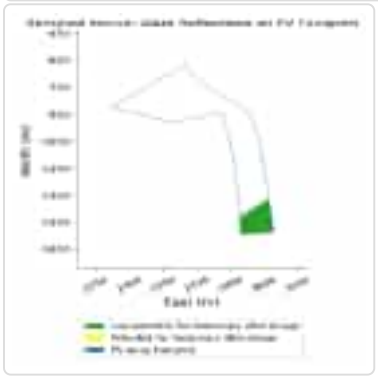
PV array is expected to produce the following glare for this receptor:

- 1,061 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





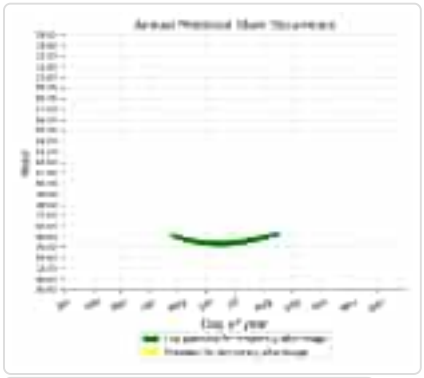


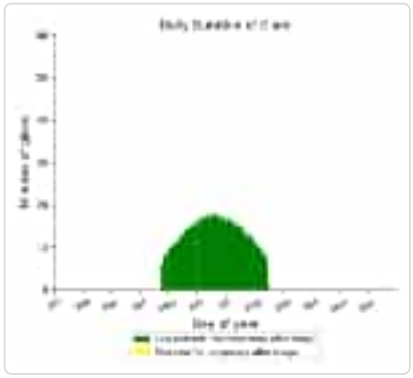


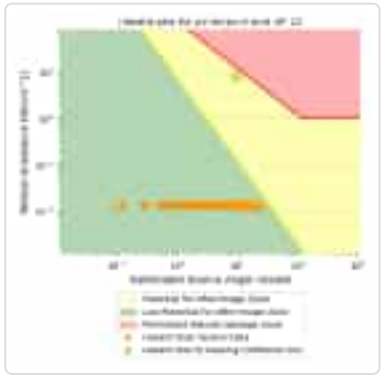
PV array 6: OP 15

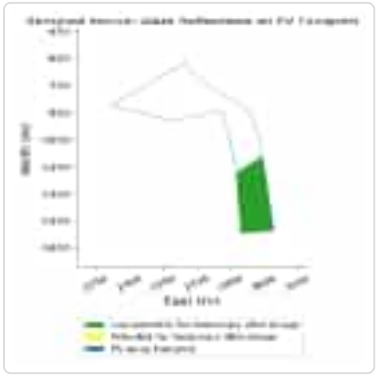
PV array is expected to produce the following glare for this receptor:

- 1,562 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





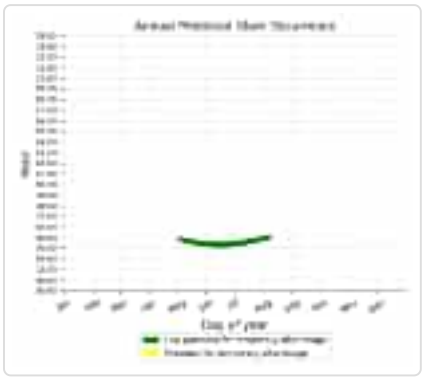


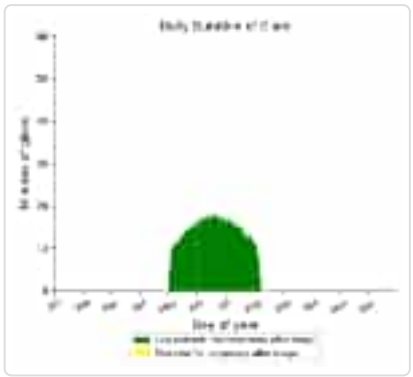


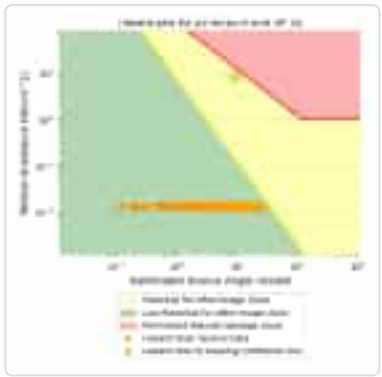
PV array 6: OP 16

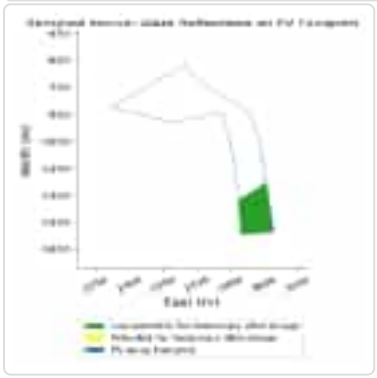
PV array is expected to produce the following glare for this receptor:

- 1,409 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





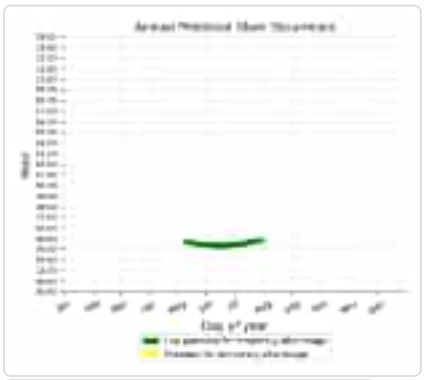


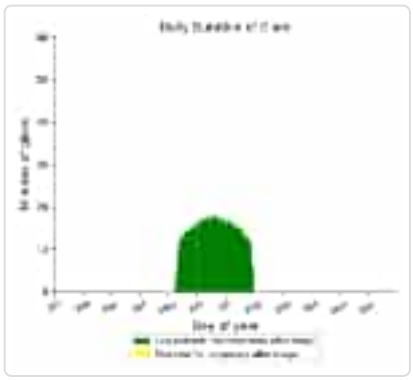


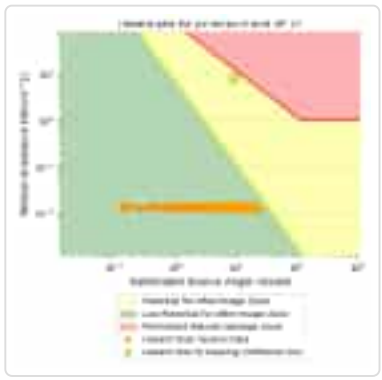
PV array 6: OP 17

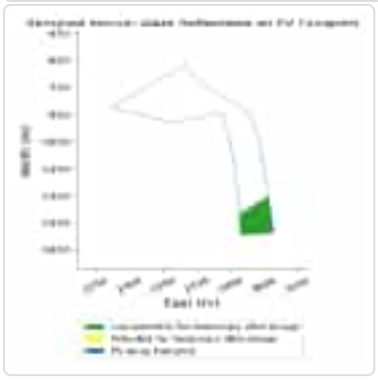
PV array is expected to produce the following glare for this receptor:

- 1,248 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





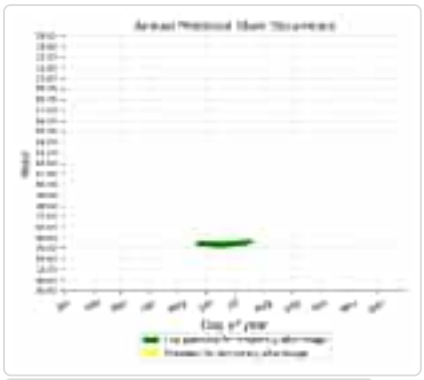


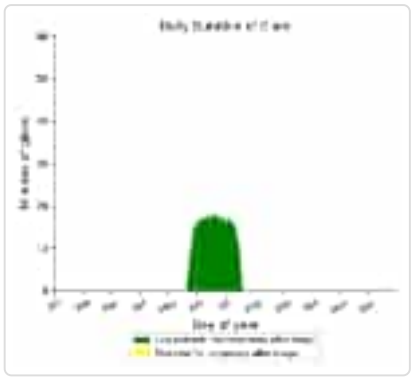


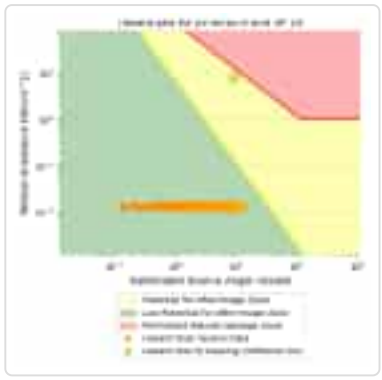
PV array 6: OP 18

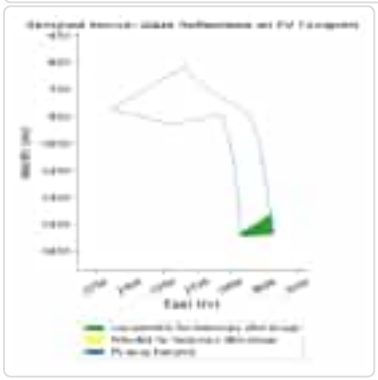
PV array is expected to produce the following glare for this receptor:

- 887 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





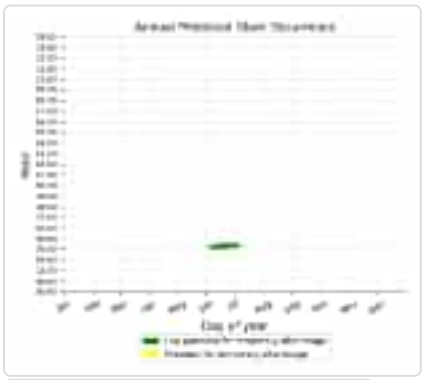


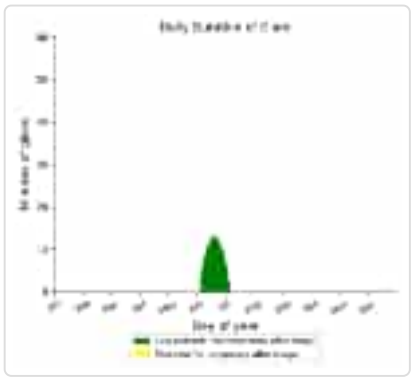


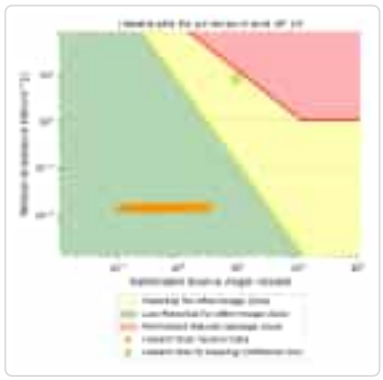
PV array 6: OP 19

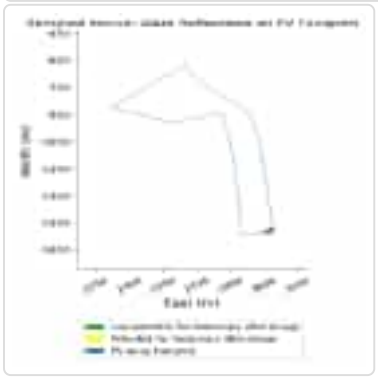
PV array is expected to produce the following glare for this receptor:

- 300 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 20

No glare found

PV array 6: OP 21

No glare found

PV array 6: OP 22

No glare found

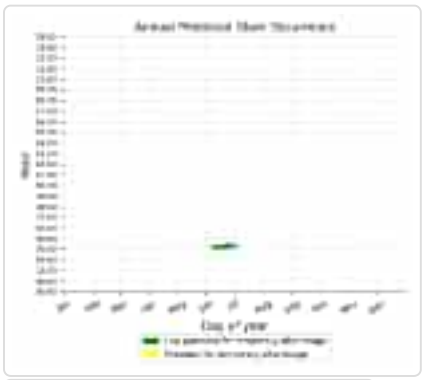
PV array 6: OP 23

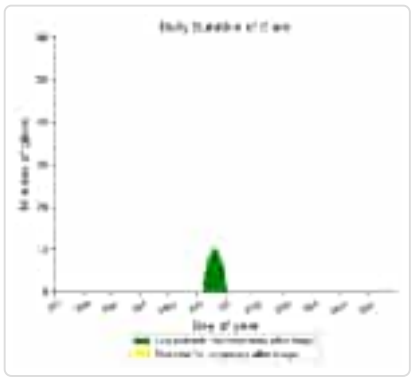
No glare found

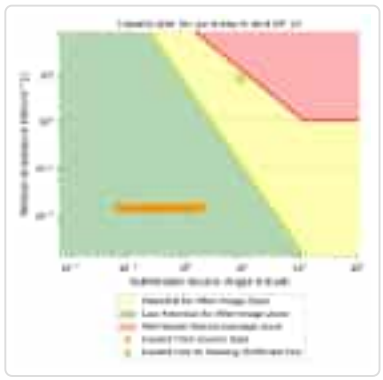
PV array 6: OP 24

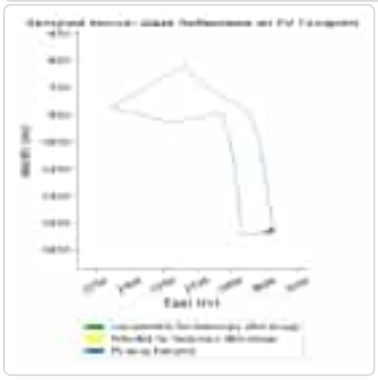
PV array is expected to produce the following glare for this receptor:

- 186 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





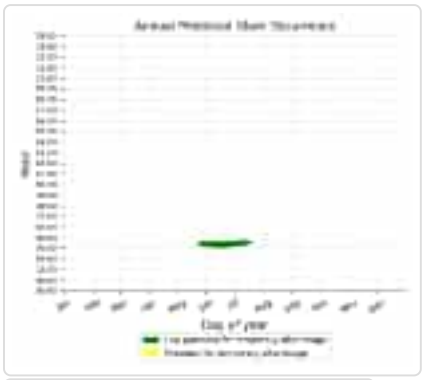


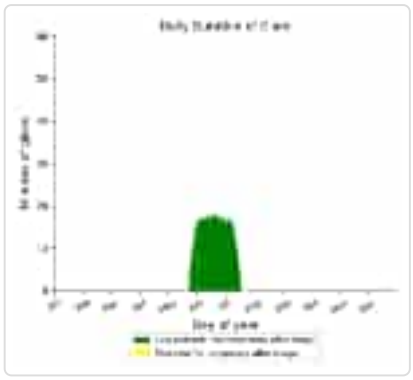


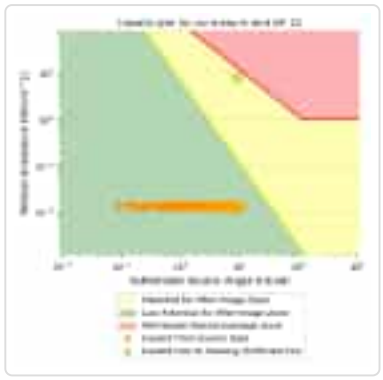
PV array 6: OP 25

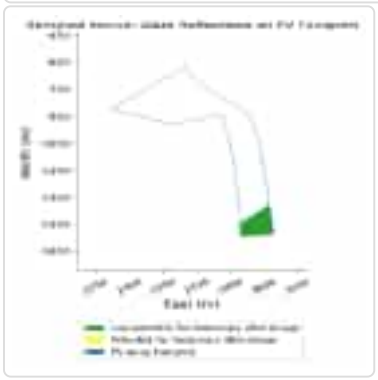
PV array is expected to produce the following glare for this receptor:

- 833 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





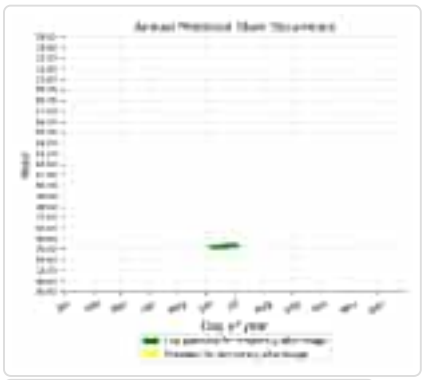


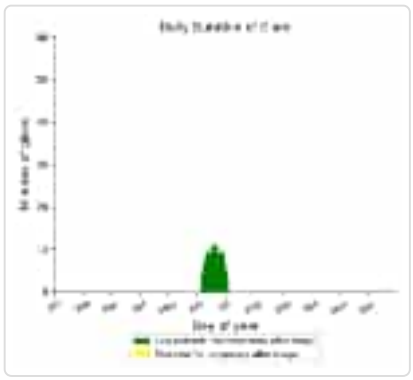


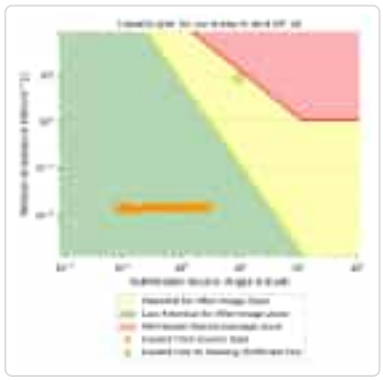
PV array 6: OP 26

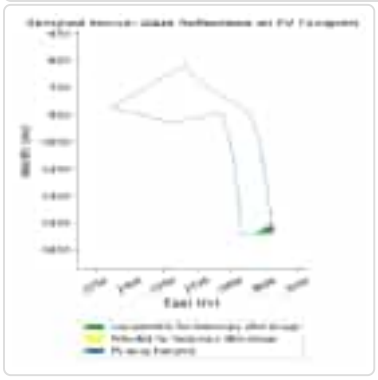
PV array is expected to produce the following glare for this receptor:

- 253 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 27

No glare found

PV array 6: OP 28

No glare found

PV array 6: OP 29

No glare found

PV array 6: OP 30

No glare found

PV array 6: OP 31

No glare found

PV array 6: OP 32

No glare found

PV array 6: OP 33

No glare found

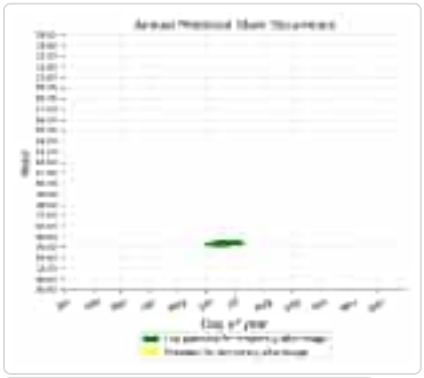
PV array 6: OP 34

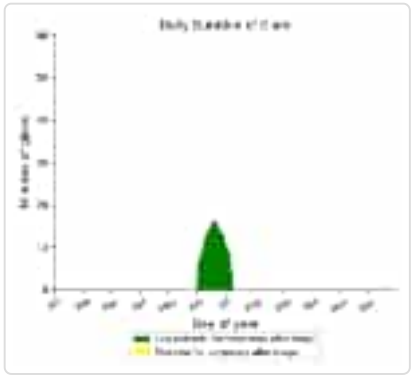
No glare found

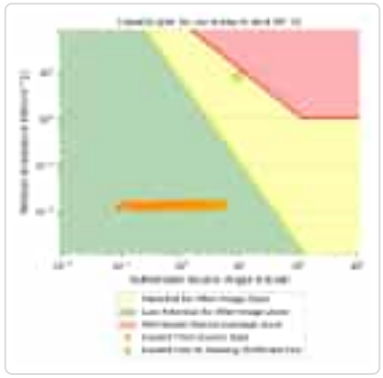
PV array 6: OP 35

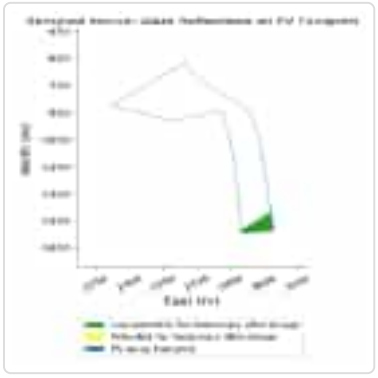
PV array is expected to produce the following glare for this receptor:

- 450 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





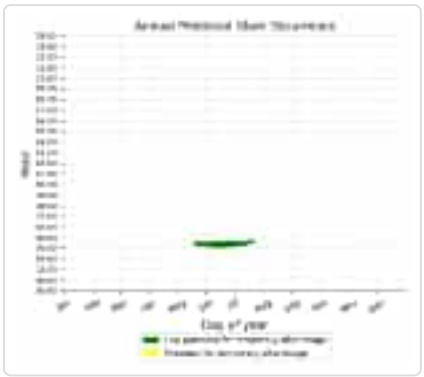


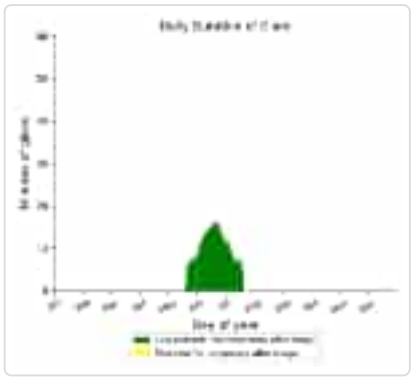


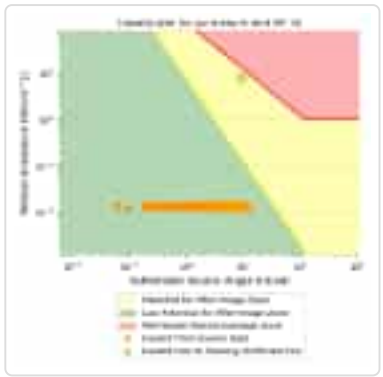
PV array 6: OP 36

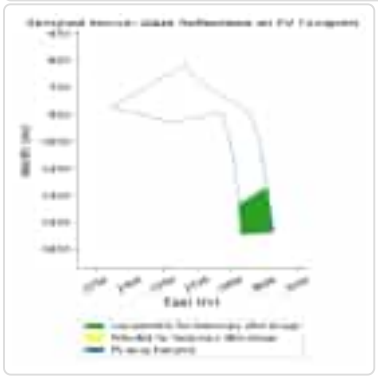
PV array is expected to produce the following glare for this receptor:

- 663 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





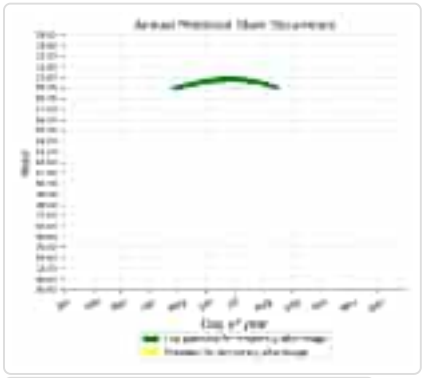


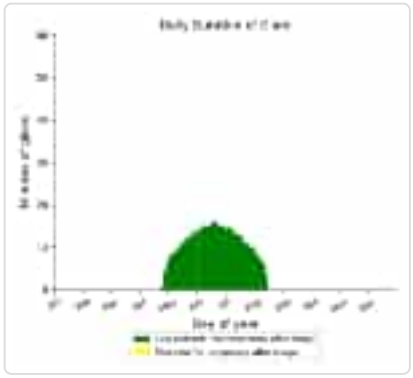


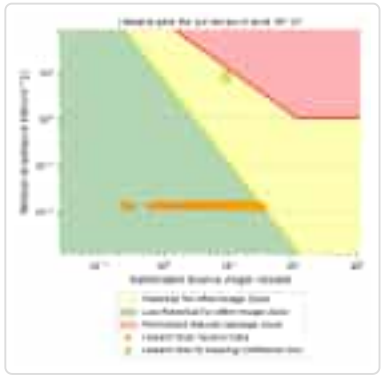
PV array 6: OP 37

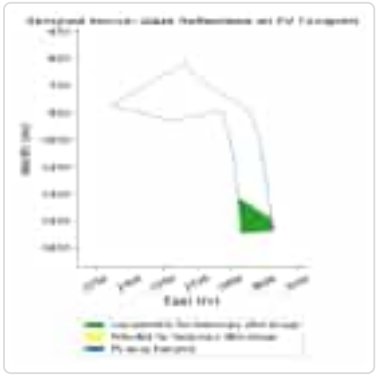
PV array is expected to produce the following glare for this receptor:

- 1,304 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









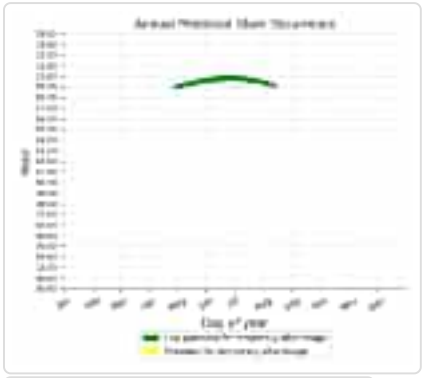
PV array 6: OP 38

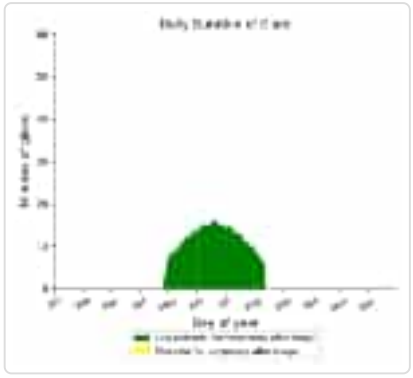
No glare found

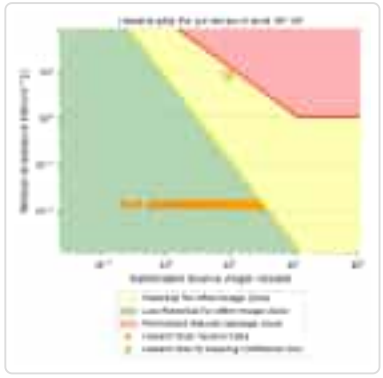
PV array 6: OP 39

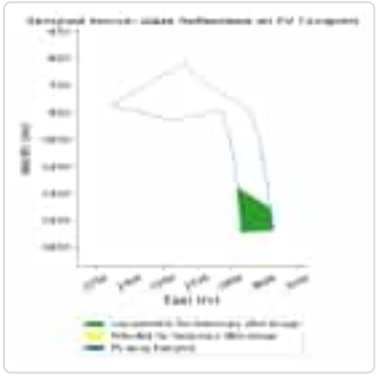
PV array is expected to produce the following glare for this receptor:

- 1,290 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





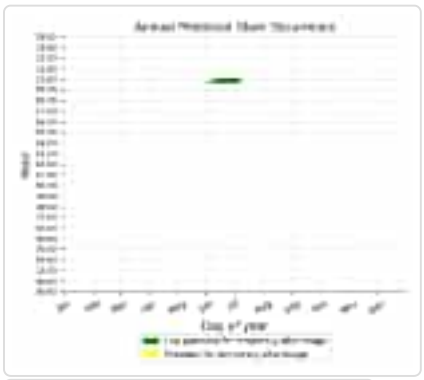


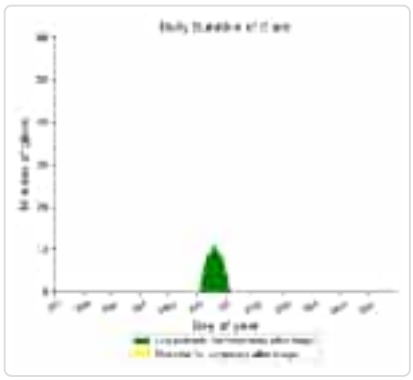


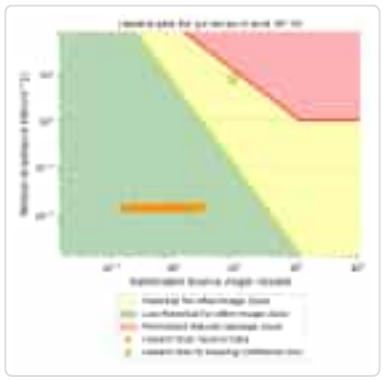
PV array 6: OP 40

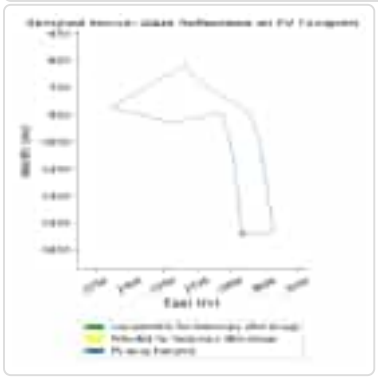
PV array is expected to produce the following glare for this receptor:

- 232 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





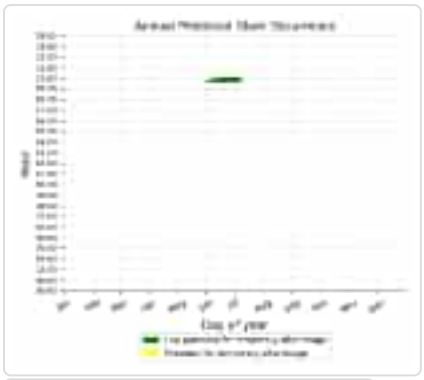


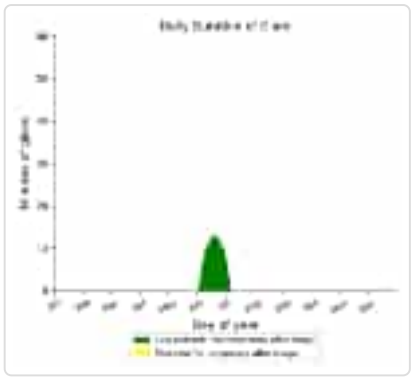


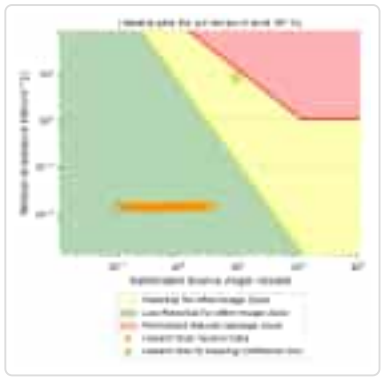
PV array 6: OP 41

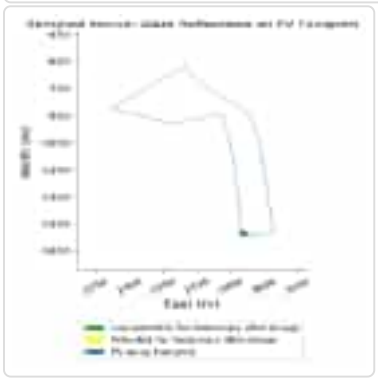
PV array is expected to produce the following glare for this receptor:

- 319 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 42

No glare found

PV array 6: OP 43

No glare found

PV array 6: OP 44

No glare found

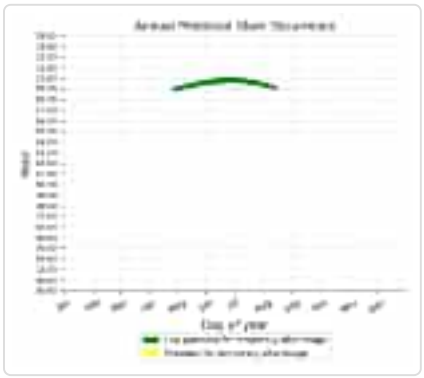
PV array 6: OP 45

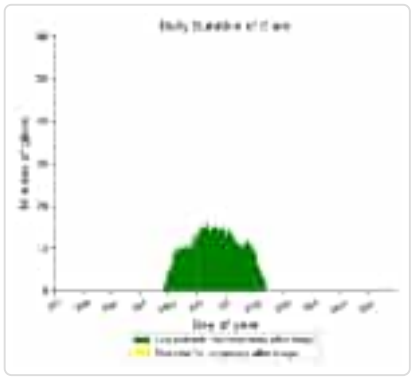
No glare found

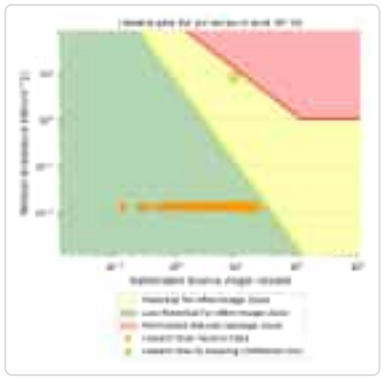
PV array 6: OP 46

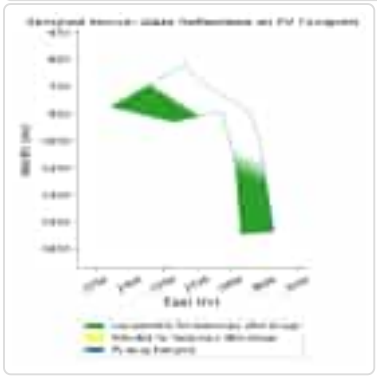
PV array is expected to produce the following glare for this receptor:

- 1,182 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





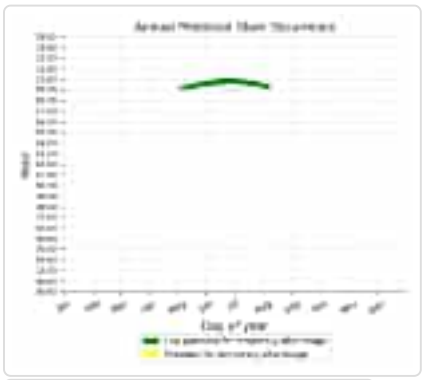


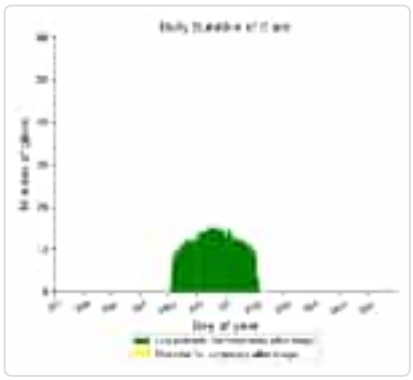


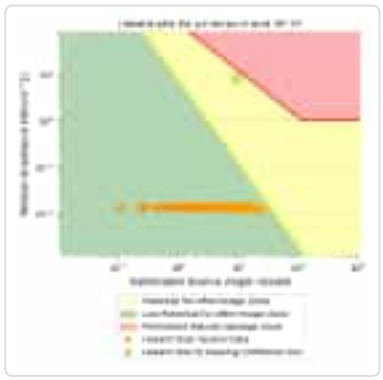
PV array 6: OP 47

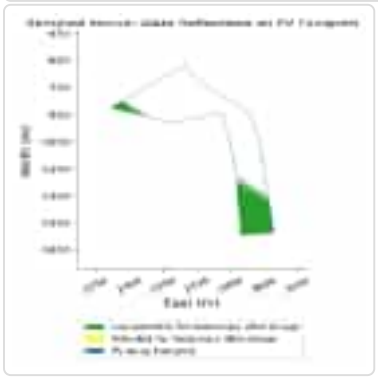
PV array is expected to produce the following glare for this receptor:

- 1,151 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





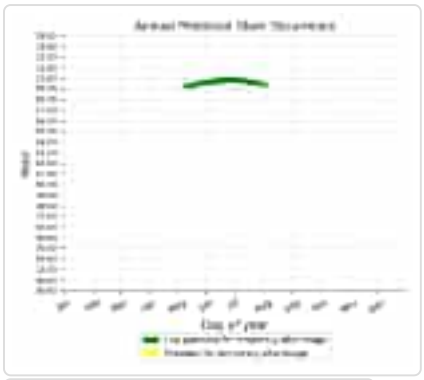


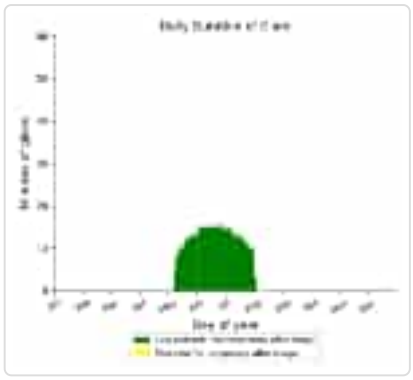


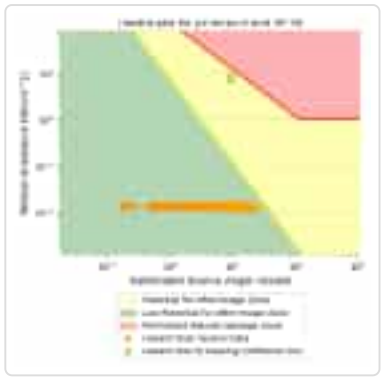
PV array 6: OP 48

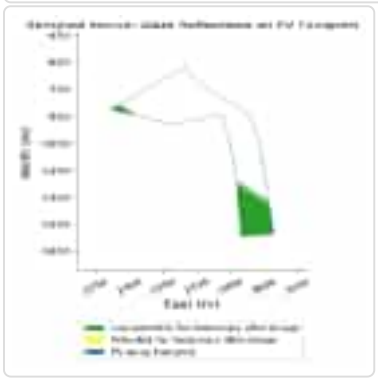
PV array is expected to produce the following glare for this receptor:

- 1,116 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





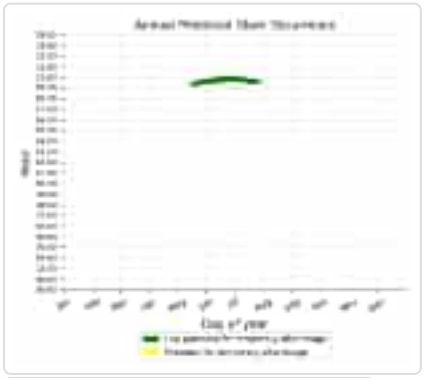


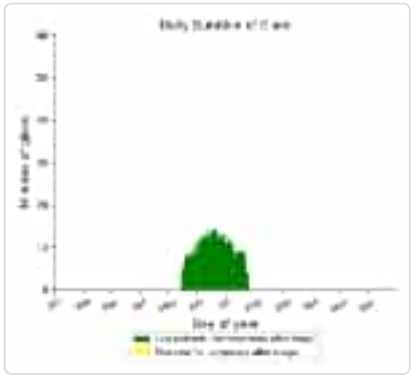


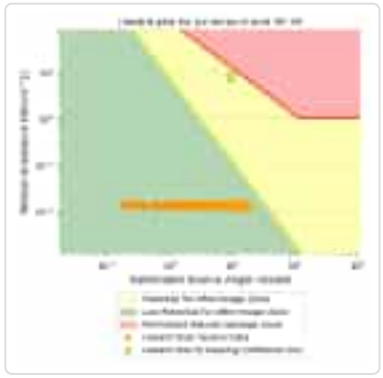
PV array 6: OP 49

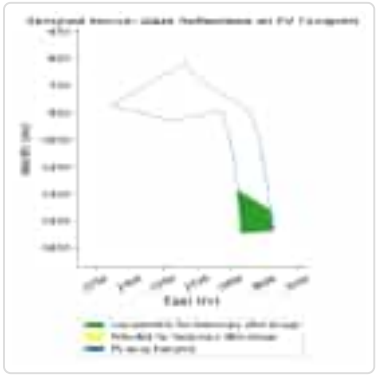
PV array is expected to produce the following glare for this receptor:

- 753 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





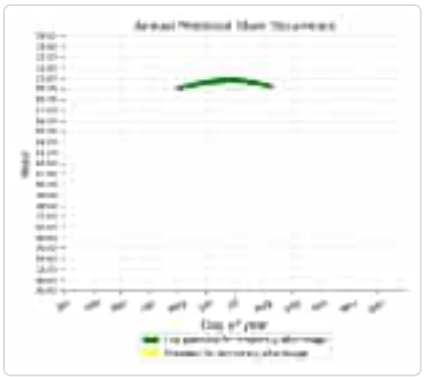


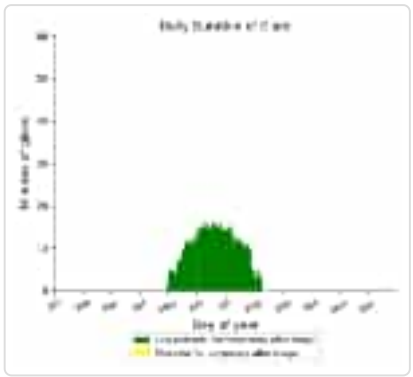


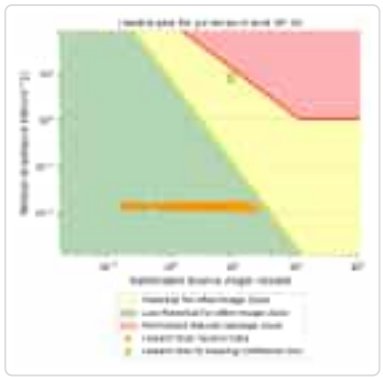
PV array 6: OP 50

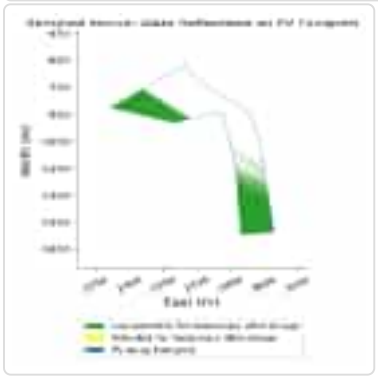
PV array is expected to produce the following glare for this receptor:

- 1,112 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





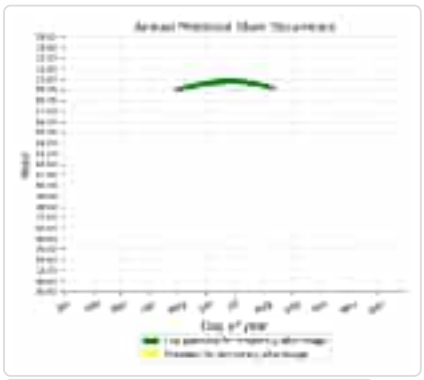


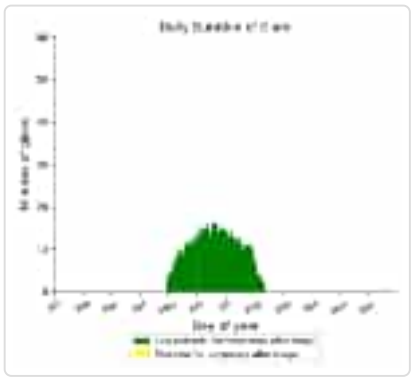


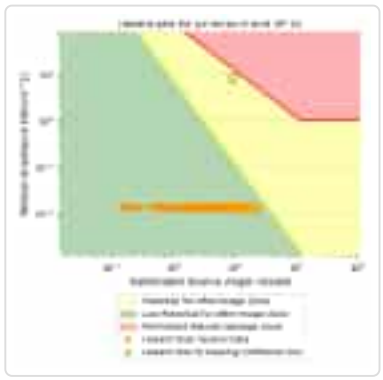
PV array 6: OP 51

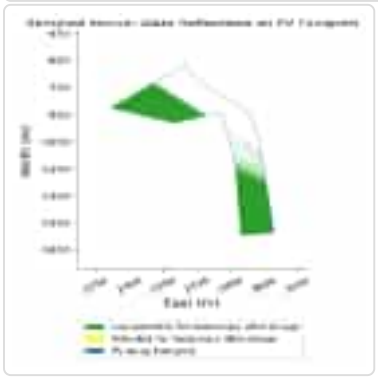
PV array is expected to produce the following glare for this receptor:

- 1,160 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





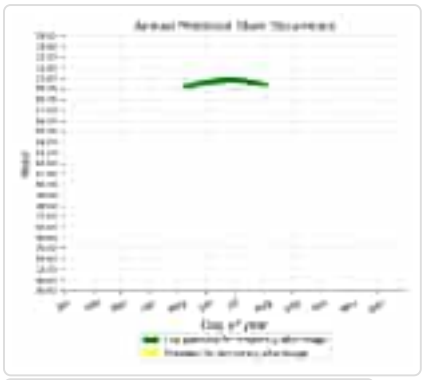


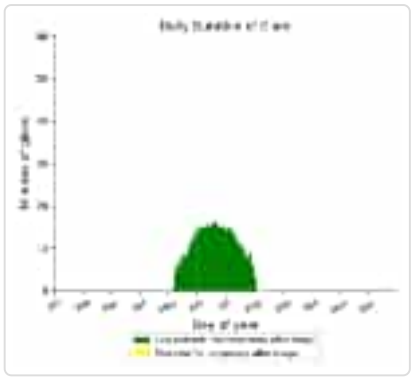


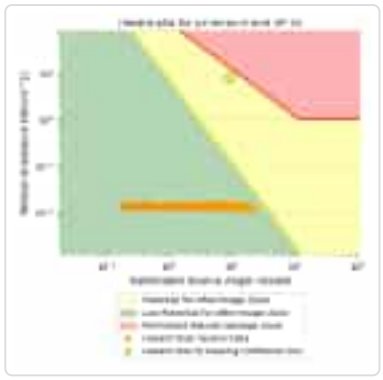
PV array 6: OP 52

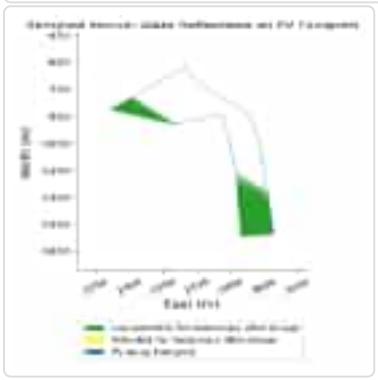
PV array is expected to produce the following glare for this receptor:

- 1,033 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





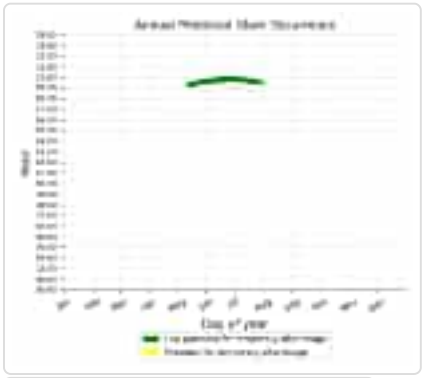


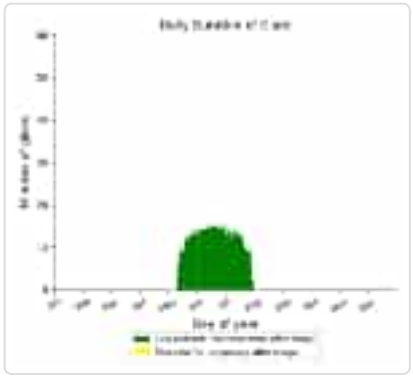


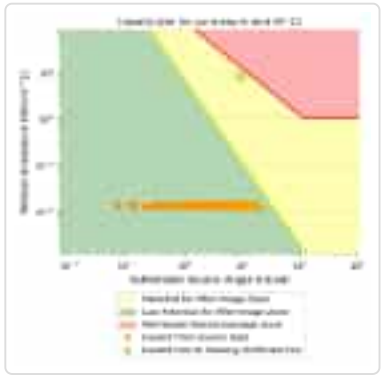
PV array 6: OP 53

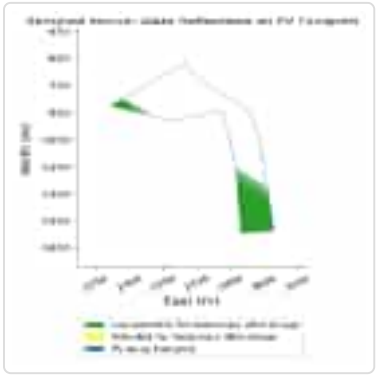
PV array is expected to produce the following glare for this receptor:

- 1,013 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 54

No glare found

PV array 6: OP 55

No glare found

PV array 6: OP 56

No glare found

PV array 6: OP 57

No glare found

PV array 6: OP 58

No glare found

PV array 6: OP 59

No glare found

PV array 6: OP 60

No glare found

PV array 6: OP 61

No glare found

PV array 6: OP 62

No glare found

PV array 6: OP 63

No glare found

PV array 6: OP 64

No glare found

PV array 6: OP 65

No glare found

PV array 6: OP 66

No glare found

PV array 6: OP 67

No glare found

PV array 6: OP 68

No glare found

PV array 6: OP 69

No glare found

PV array 6: OP 70

No glare found

PV array 6: OP 71

No glare found

PV array 6: OP 72

No glare found

PV array 6: OP 73

No glare found

PV array 6: OP 74

No glare found

PV array 6: OP 75

No glare found

PV array 6: OP 76

No glare found

PV array 6: OP 77

No glare found

PV array 6: OP 78

No glare found

PV array 6: OP 79

No glare found

PV array 6: OP 80

No glare found

PV array 7 potential temporary after-image

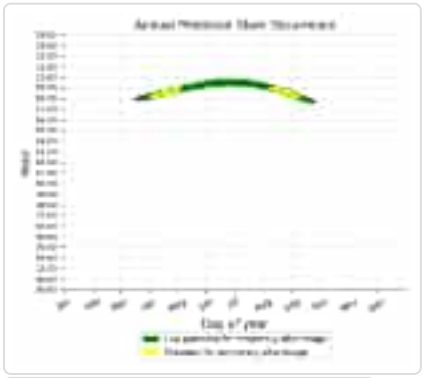
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	3426	529
OP: OP 2	1916	2819
OP: OP 3	2373	2608
OP: OP 4	1354	0
OP: OP 5	1308	0
OP: OP 6	1501	0
OP: OP 7	1349	0
OP: OP 8	1052	0
OP: OP 9	547	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	3583	0
OP: OP 13	1088	11
OP: OP 14	1658	57
OP: OP 15	1635	0
OP: OP 16	987	663
OP: OP 17	943	736
OP: OP 18	1064	459
OP: OP 19	2134	272
OP: OP 20	1843	2710
OP: OP 21	1846	4209
OP: OP 22	3846	5998
OP: OP 23	2589	2266
OP: OP 24	3543	37
OP: OP 25	0	0
OP: OP 26	1211	0
OP: OP 27	1576	3
OP: OP 28	2263	725
OP: OP 29	0	0
OP: OP 30	1855	996
OP: OP 31	2012	668
OP: OP 32	2646	425
OP: OP 33	2608	36
OP: OP 34	2145	0
OP: OP 35	16	0
OP: OP 36	655	0
OP: OP 37	2059	0
OP: OP 38	2352	0
OP: OP 39	2725	0
OP: OP 40	3028	0
OP: OP 41	3551	0
OP: OP 42	4130	0
OP: OP 43	4117	0

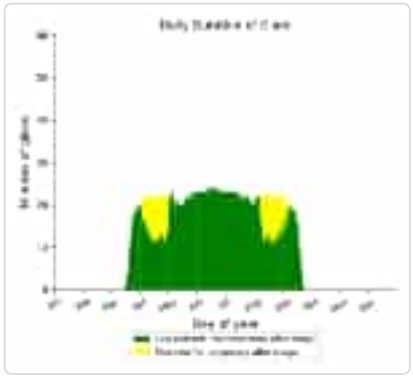
OP: OP 44	3995	0
OP: OP 45	3749	0
OP: OP 46	3551	0
OP: OP 47	3675	0
OP: OP 48	3641	0
OP: OP 49	3648	0
OP: OP 50	3715	0
OP: OP 51	3510	0
OP: OP 52	3571	0
OP: OP 53	3515	0
OP: OP 54	1678	0
OP: OP 55	1698	4
OP: OP 56	3762	34
OP: OP 57	3752	0
OP: OP 58	2810	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	741	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	1464	0
OP: OP 67	1494	0
OP: OP 68	1834	0
OP: OP 69	3338	0
OP: OP 70	3346	0
OP: OP 71	2853	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	789	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

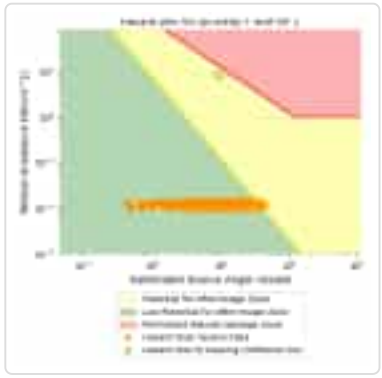
PV array 7: OP 1

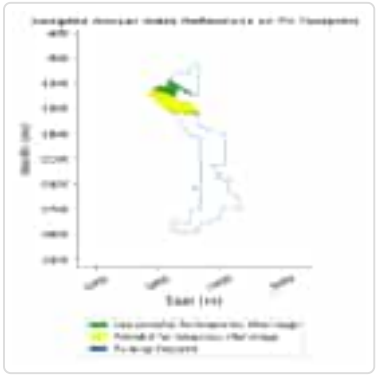
PV array is expected to produce the following glare for this receptor:

- 3,426 minutes of "green" glare with low potential to cause temporary after-image.
- 529 minutes of "yellow" glare with potential to cause temporary after-image.





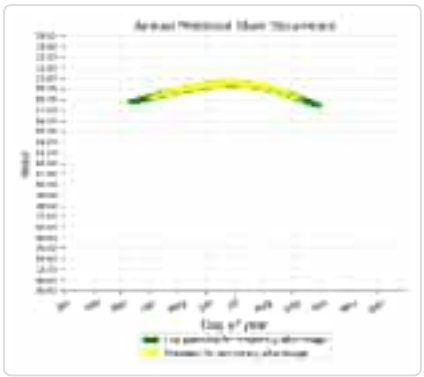


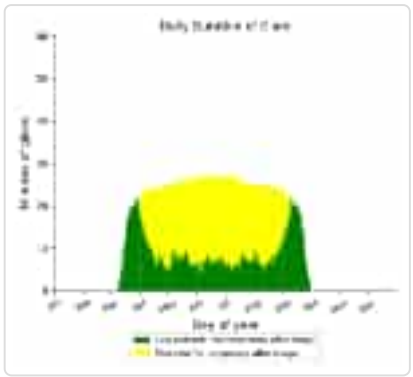


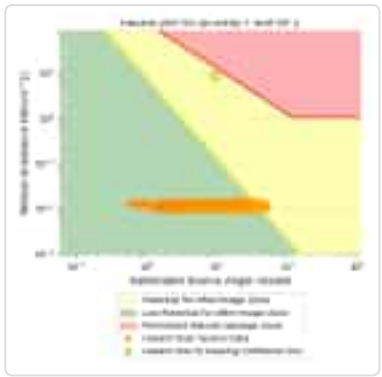
PV array 7: OP 2

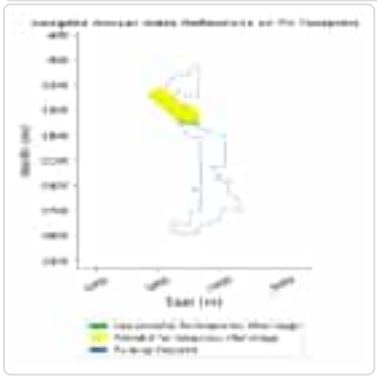
PV array is expected to produce the following glare for this receptor:

- 1,916 minutes of "green" glare with low potential to cause temporary after-image.
- 2,819 minutes of "yellow" glare with potential to cause temporary after-image.





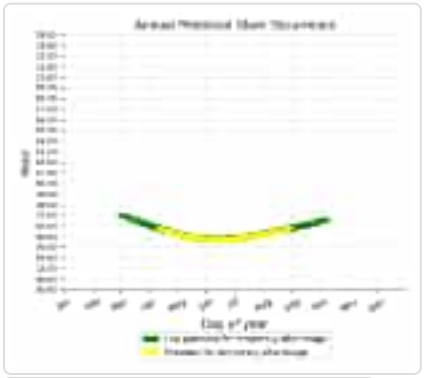


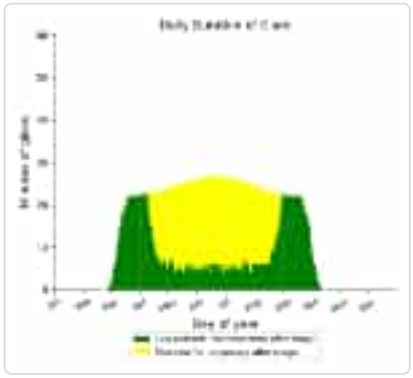


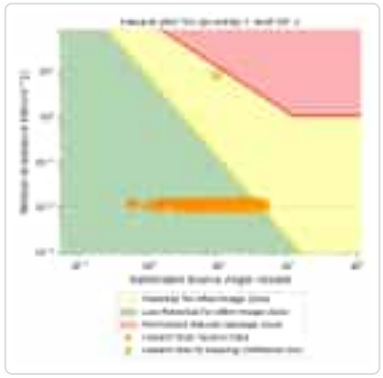
PV array 7: OP 3

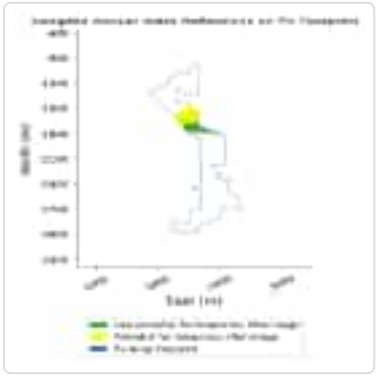
PV array is expected to produce the following glare for this receptor:

- 2,373 minutes of "green" glare with low potential to cause temporary after-image.
- 2,608 minutes of "yellow" glare with potential to cause temporary after-image.





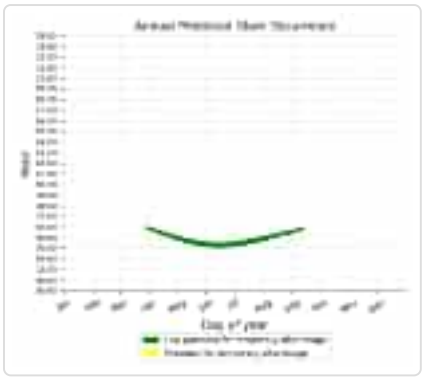


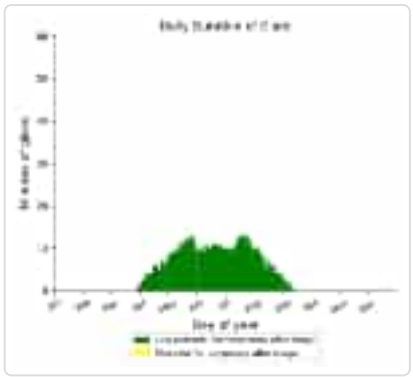


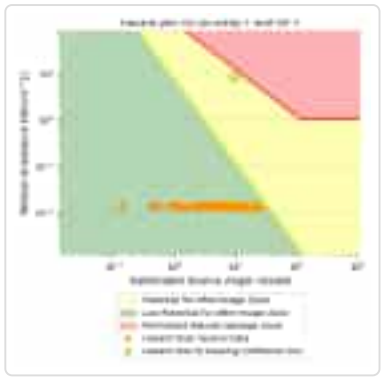
PV array 7: OP 4

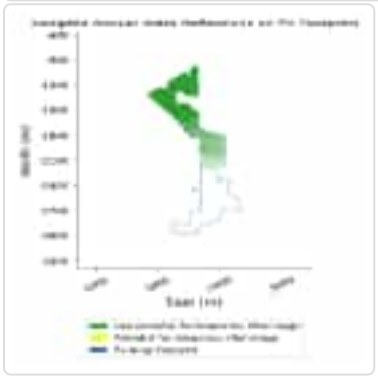
PV array is expected to produce the following glare for this receptor:

- 1,354 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





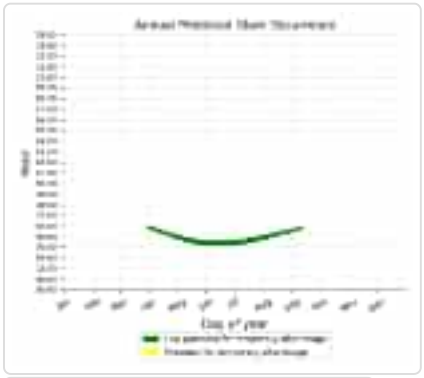


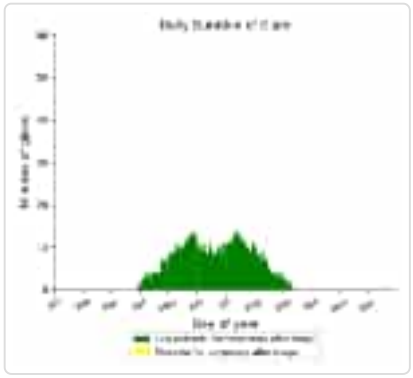


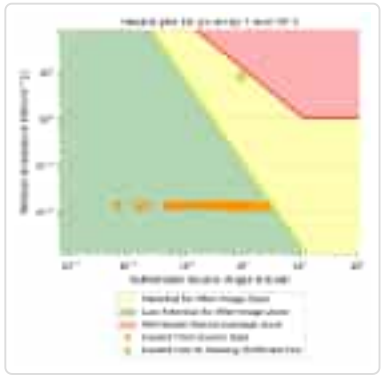
PV array 7: OP 5

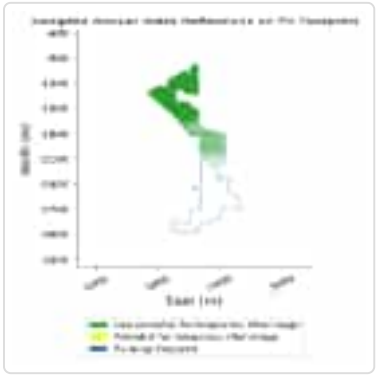
PV array is expected to produce the following glare for this receptor:

- 1,308 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





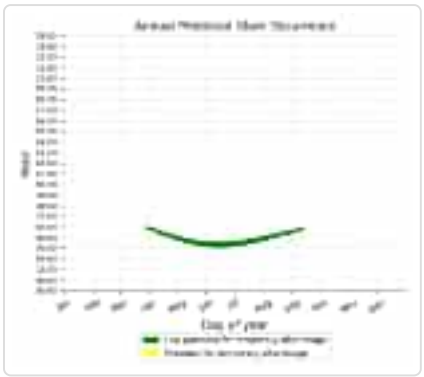


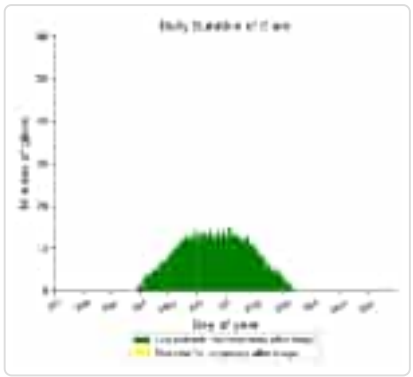


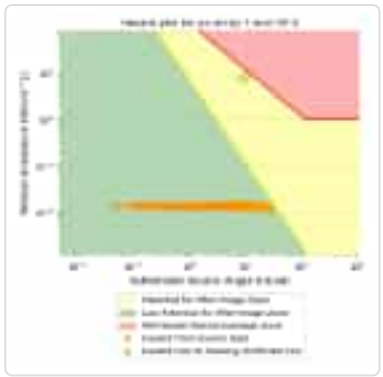
PV array 7: OP 6

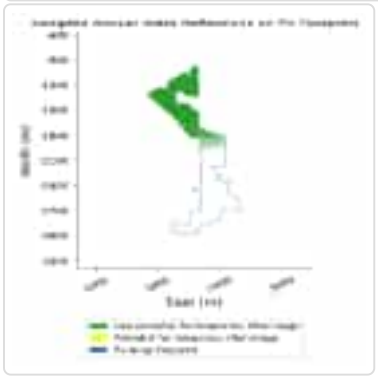
PV array is expected to produce the following glare for this receptor:

- 1,501 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





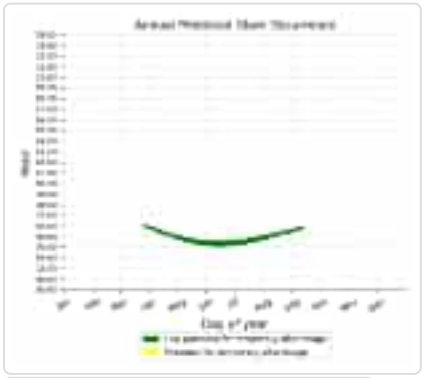


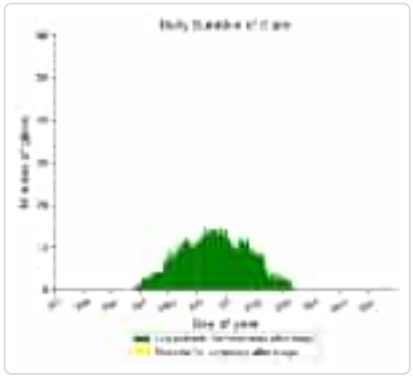


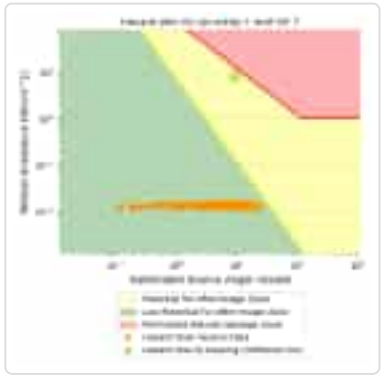
PV array 7: OP 7

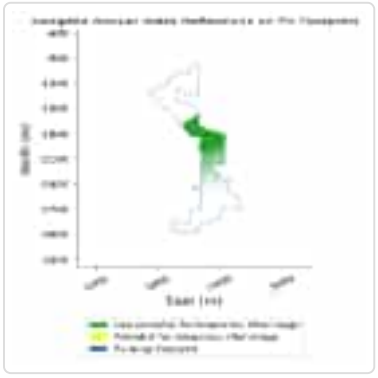
PV array is expected to produce the following glare for this receptor:

- 1,349 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





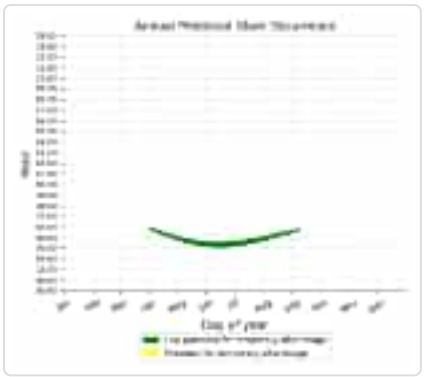


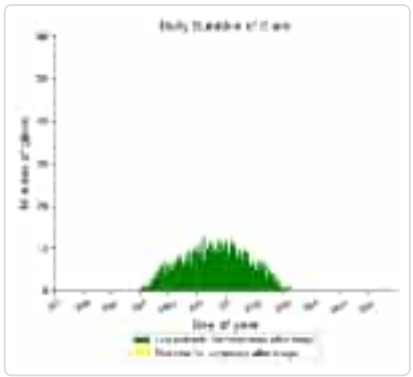


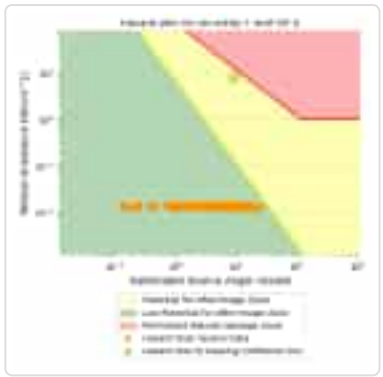
PV array 7: OP 8

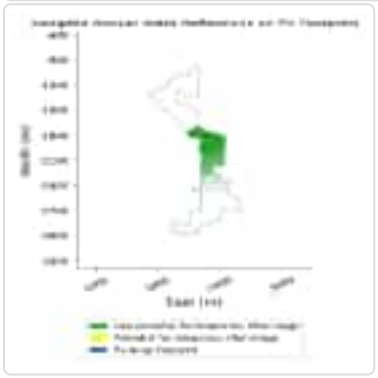
PV array is expected to produce the following glare for this receptor:

- 1,052 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





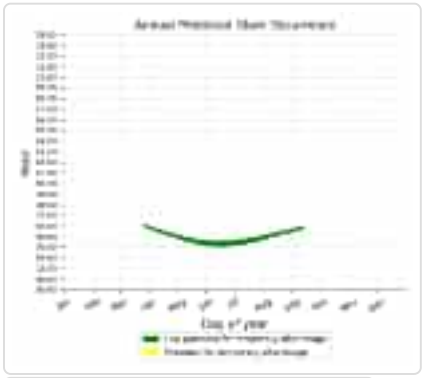


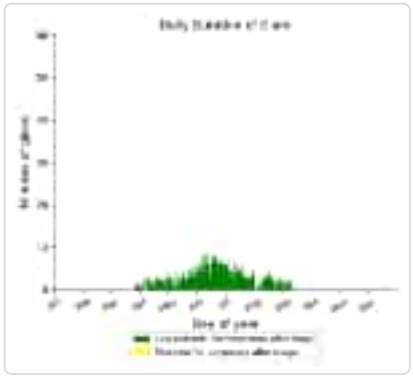


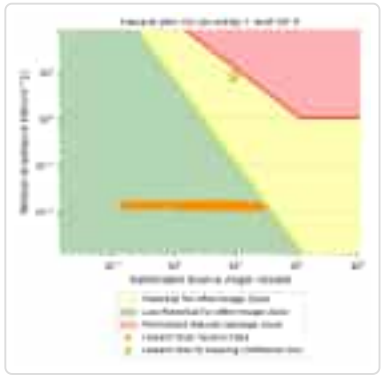
PV array 7: OP 9

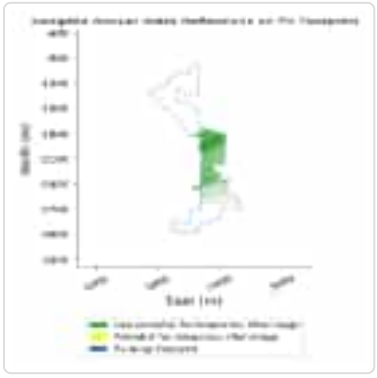
PV array is expected to produce the following glare for this receptor:

- 547 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 10

No glare found

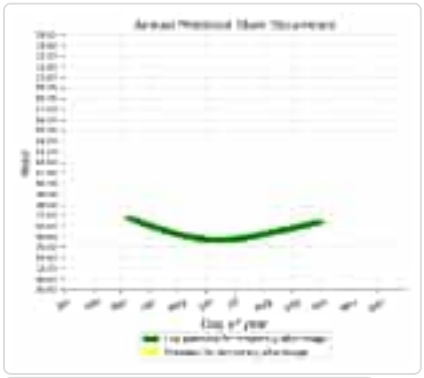
PV array 7: OP 11

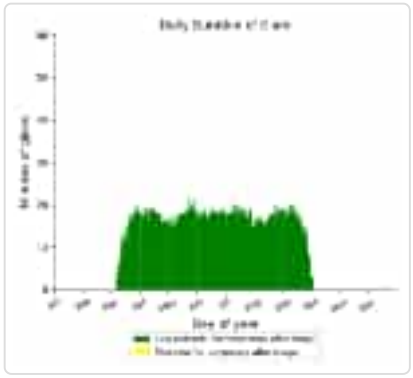
No glare found

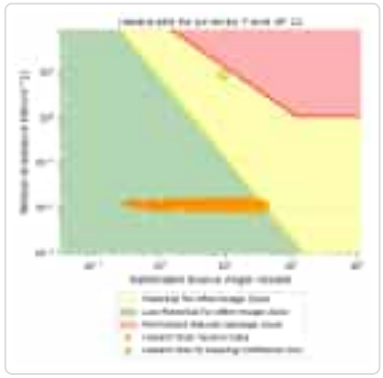
PV array 7: OP 12

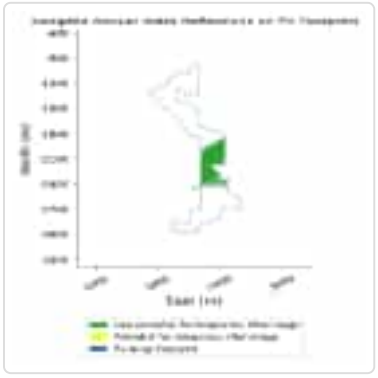
PV array is expected to produce the following glare for this receptor:

- 3,583 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





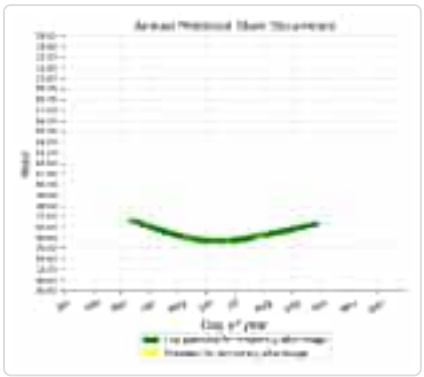


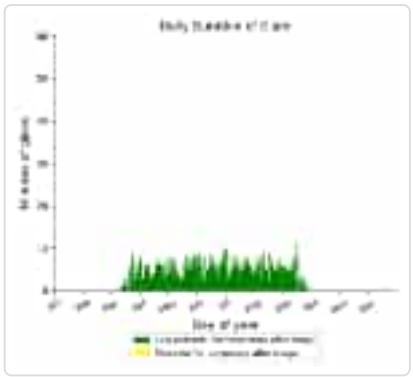


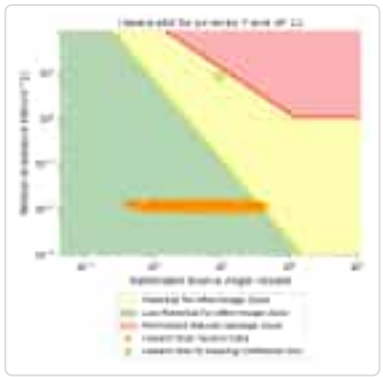
PV array 7: OP 13

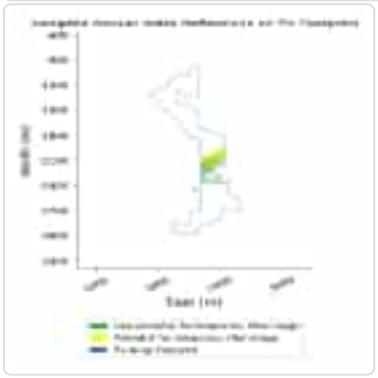
PV array is expected to produce the following glare for this receptor:

- 1,088 minutes of "green" glare with low potential to cause temporary after-image.
- 11 minutes of "yellow" glare with potential to cause temporary after-image.





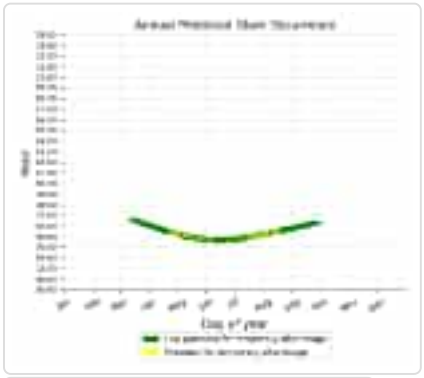


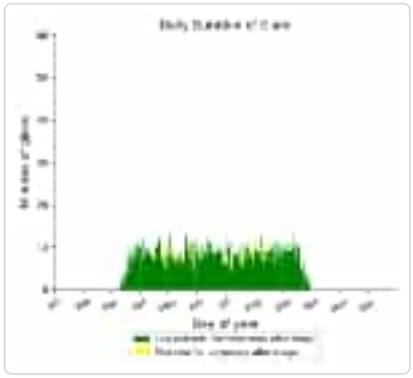


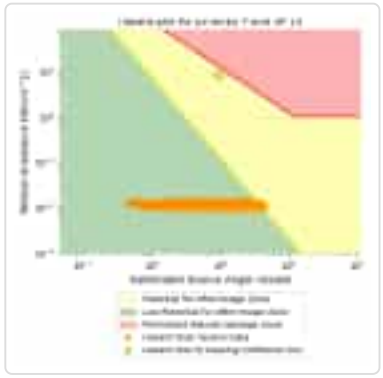
PV array 7: OP 14

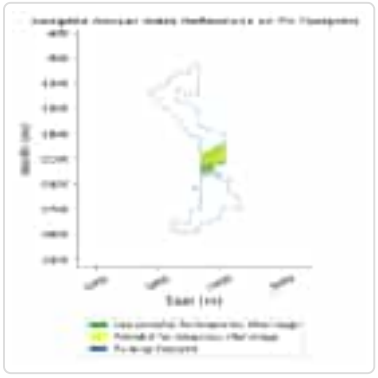
PV array is expected to produce the following glare for this receptor:

- 1,658 minutes of "green" glare with low potential to cause temporary after-image.
- 57 minutes of "yellow" glare with potential to cause temporary after-image.





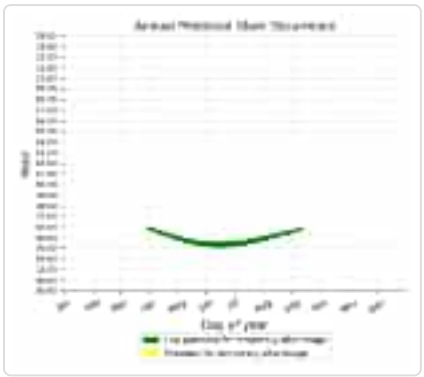


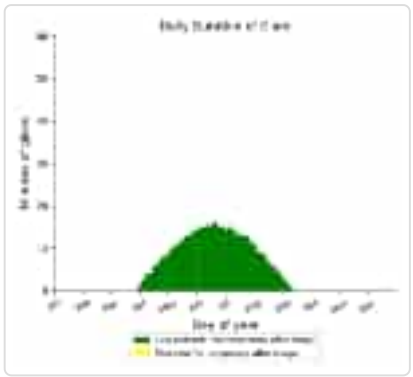


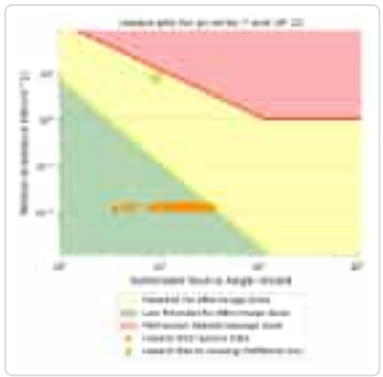
PV array 7: OP 15

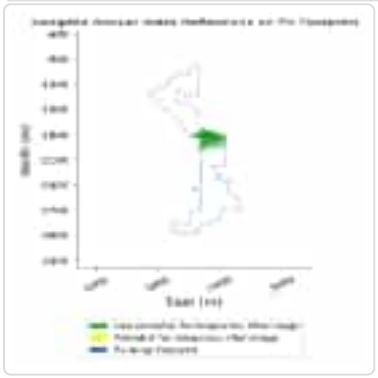
PV array is expected to produce the following glare for this receptor:

- 1,635 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





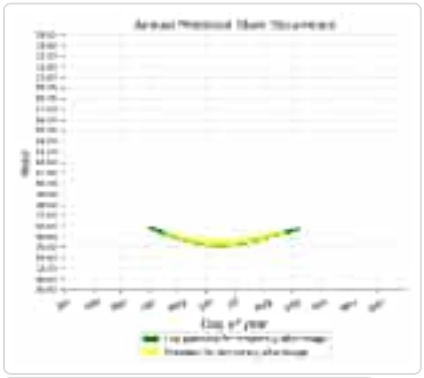


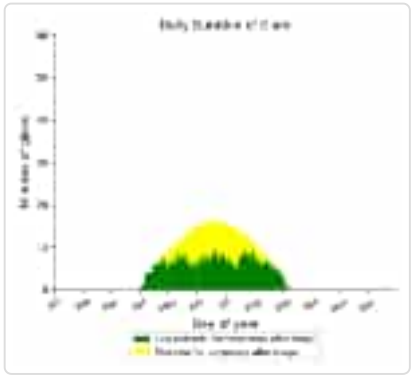


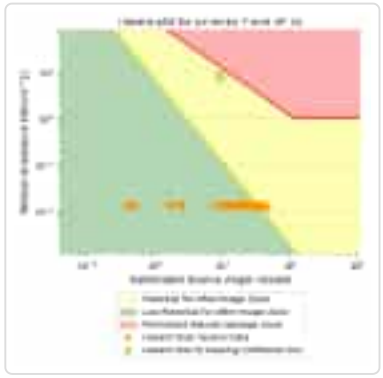
PV array 7: OP 16

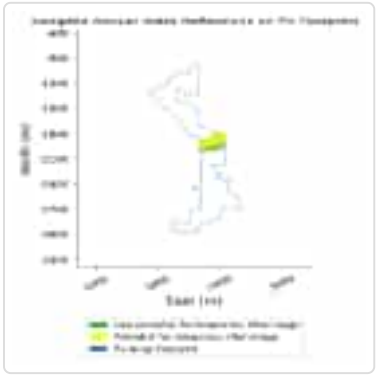
PV array is expected to produce the following glare for this receptor:

- 987 minutes of "green" glare with low potential to cause temporary after-image.
- 663 minutes of "yellow" glare with potential to cause temporary after-image.





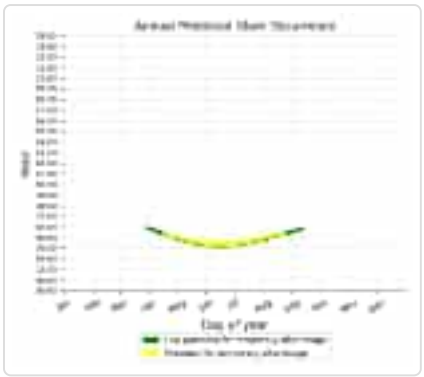


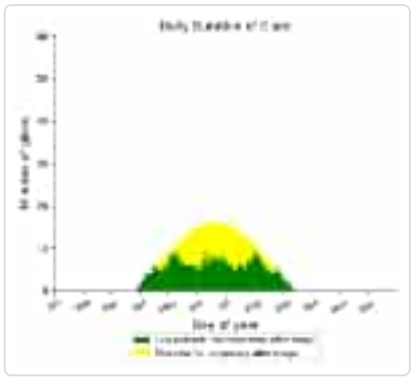


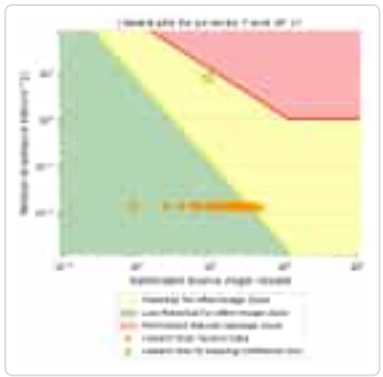
PV array 7: OP 17

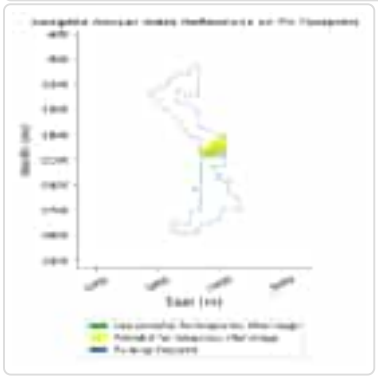
PV array is expected to produce the following glare for this receptor:

- 943 minutes of "green" glare with low potential to cause temporary after-image.
- 736 minutes of "yellow" glare with potential to cause temporary after-image.





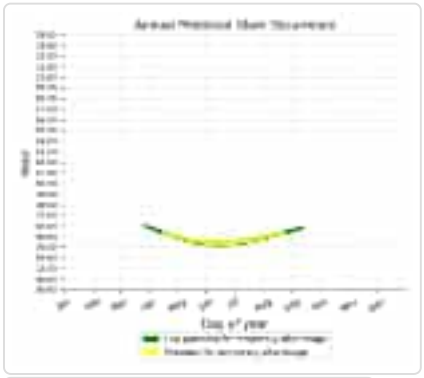


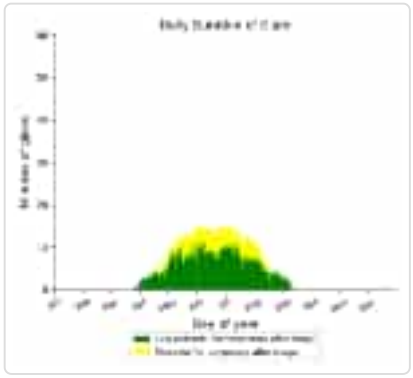


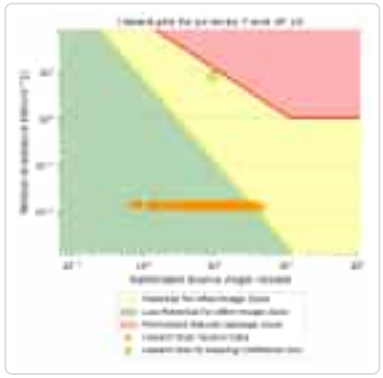
PV array 7: OP 18

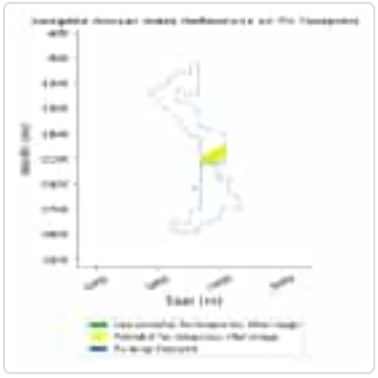
PV array is expected to produce the following glare for this receptor:

- 1,064 minutes of "green" glare with low potential to cause temporary after-image.
- 459 minutes of "yellow" glare with potential to cause temporary after-image.





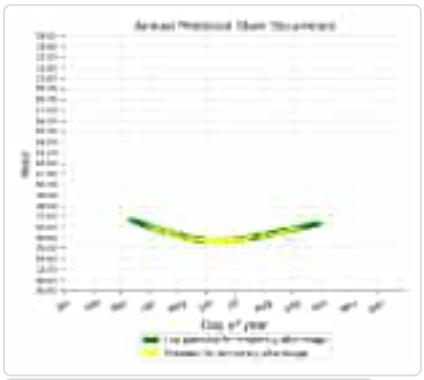


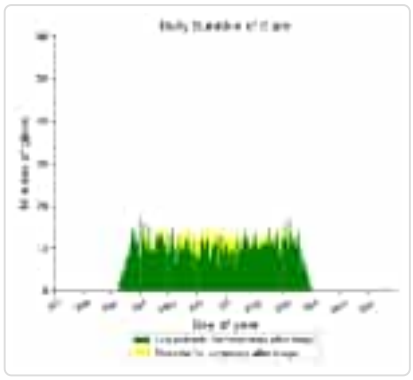


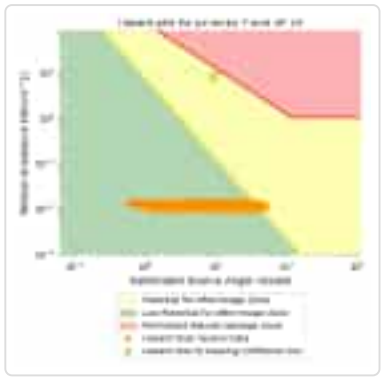
PV array 7: OP 19

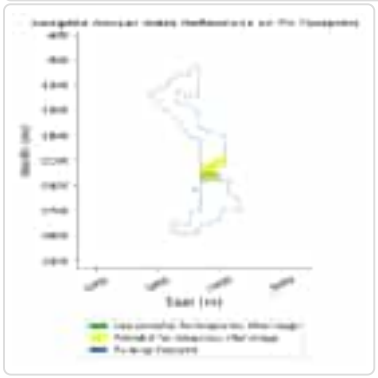
PV array is expected to produce the following glare for this receptor:

- 2,134 minutes of "green" glare with low potential to cause temporary after-image.
- 272 minutes of "yellow" glare with potential to cause temporary after-image.





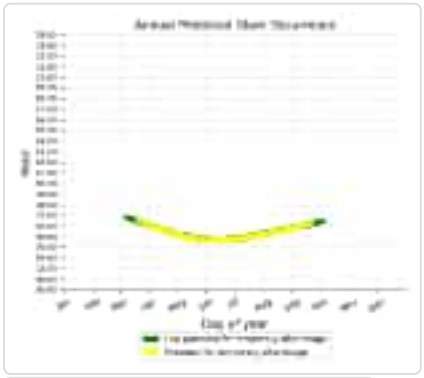


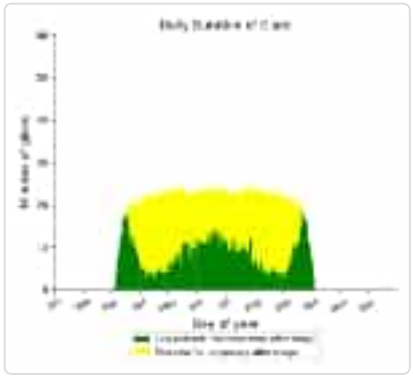


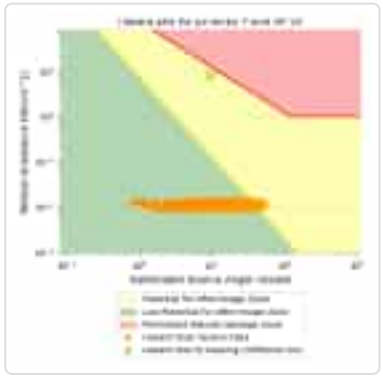
PV array 7: OP 20

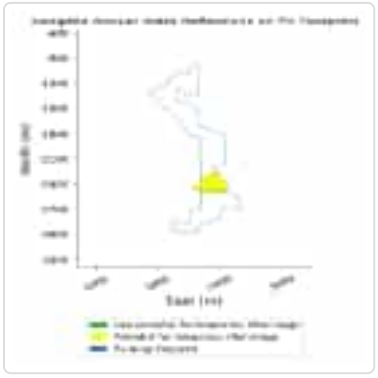
PV array is expected to produce the following glare for this receptor:

- 1,843 minutes of "green" glare with low potential to cause temporary after-image.
- 2,710 minutes of "yellow" glare with potential to cause temporary after-image.





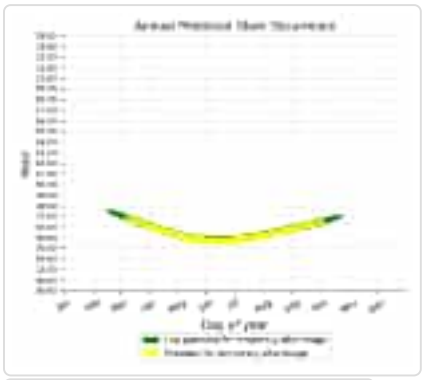


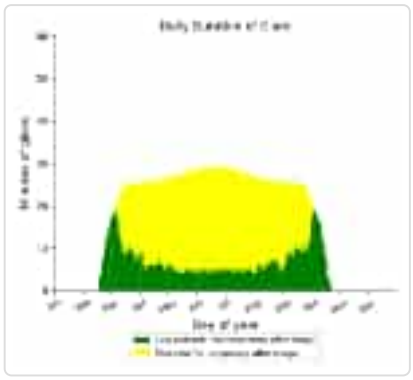


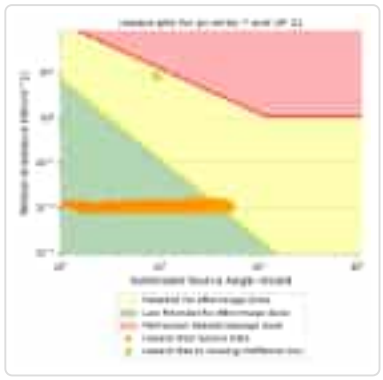
PV array 7: OP 21

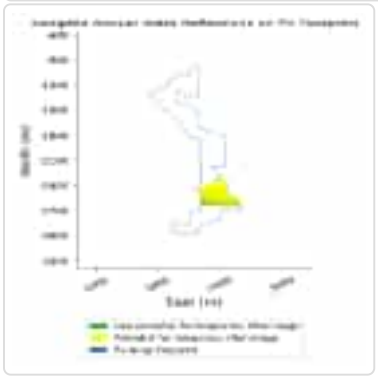
PV array is expected to produce the following glare for this receptor:

- 1,846 minutes of "green" glare with low potential to cause temporary after-image.
- 4,209 minutes of "yellow" glare with potential to cause temporary after-image.





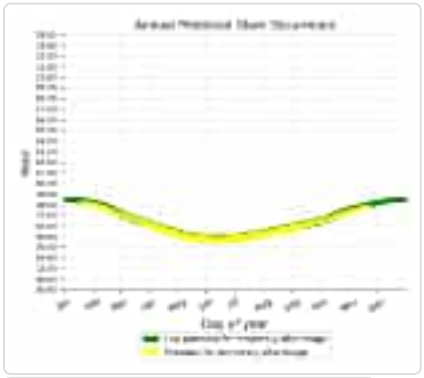


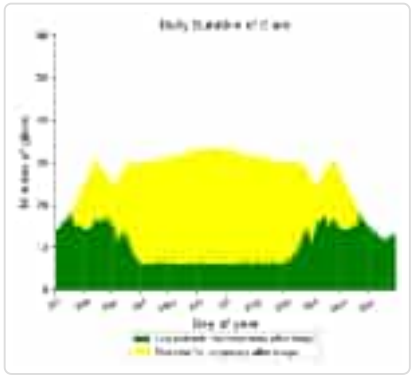


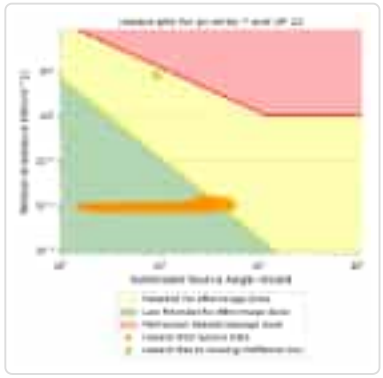
PV array 7: OP 22

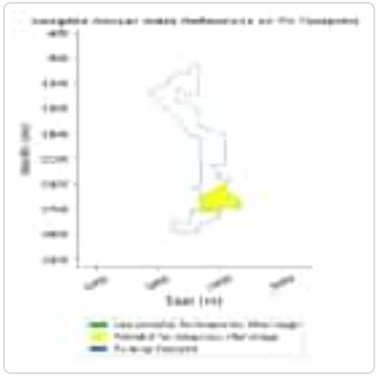
PV array is expected to produce the following glare for this receptor:

- 3,846 minutes of "green" glare with low potential to cause temporary after-image.
- 5,998 minutes of "yellow" glare with potential to cause temporary after-image.





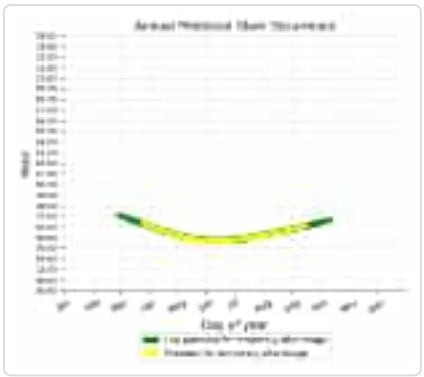


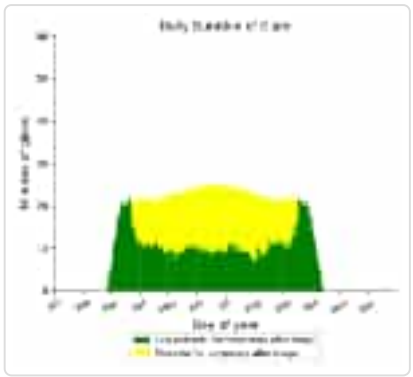


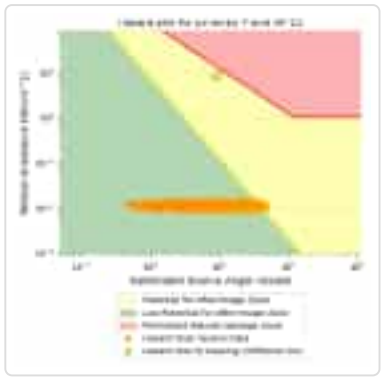
PV array 7: OP 23

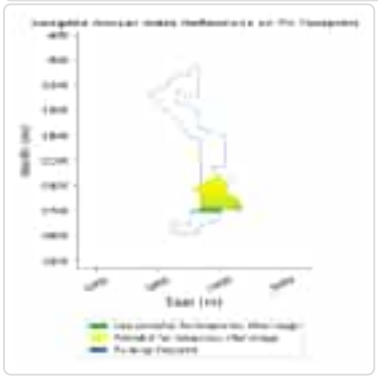
PV array is expected to produce the following glare for this receptor:

- 2,589 minutes of "green" glare with low potential to cause temporary after-image.
- 2,266 minutes of "yellow" glare with potential to cause temporary after-image.





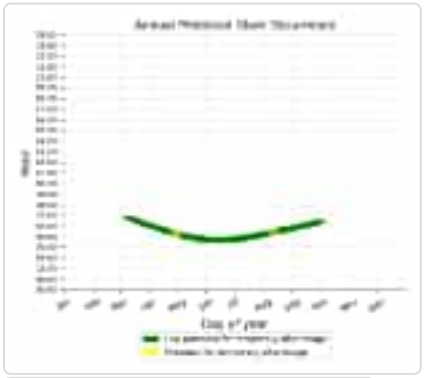


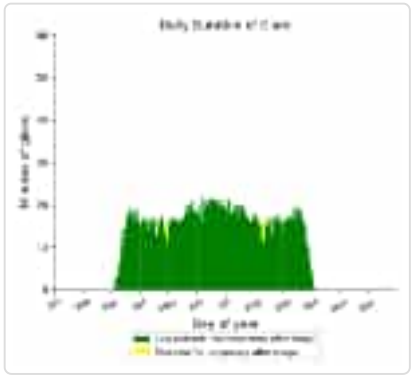


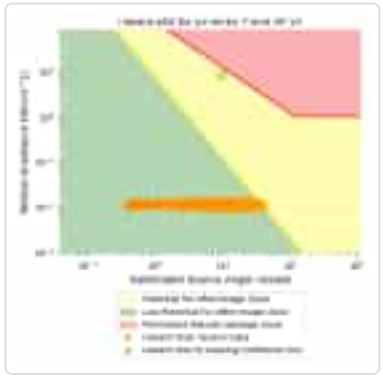
PV array 7: OP 24

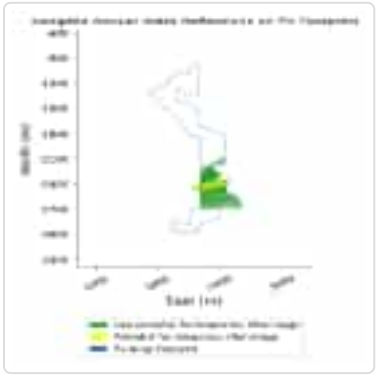
PV array is expected to produce the following glare for this receptor:

- 3,543 minutes of "green" glare with low potential to cause temporary after-image.
- 37 minutes of "yellow" glare with potential to cause temporary after-image.









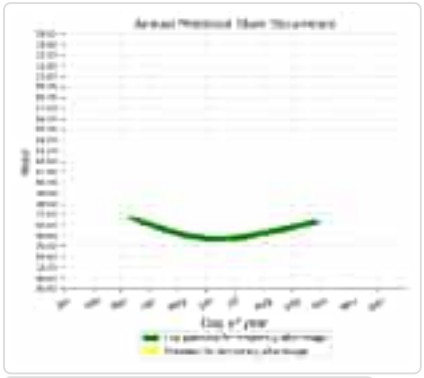
PV array 7: OP 25

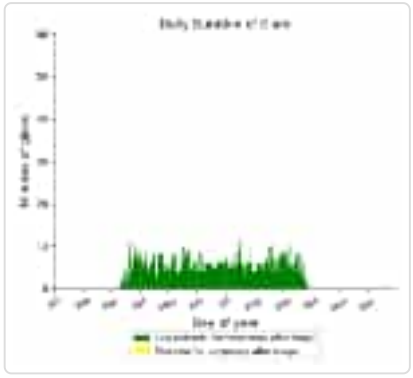
No glare found

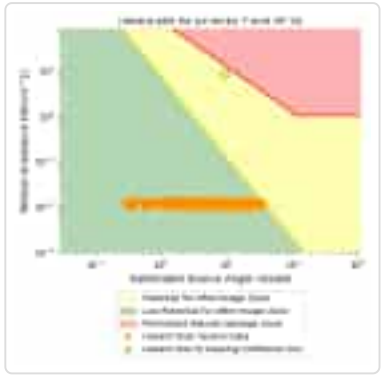
PV array 7: OP 26

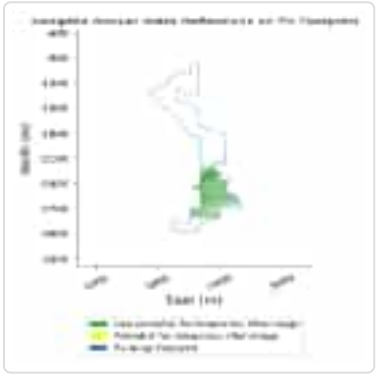
PV array is expected to produce the following glare for this receptor:

- 1,211 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





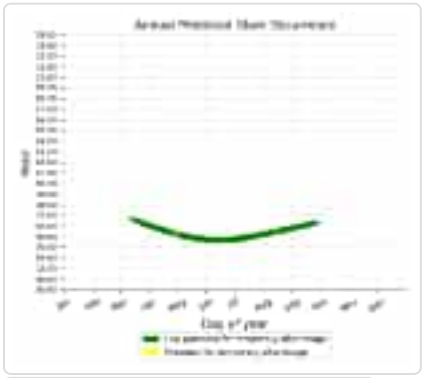


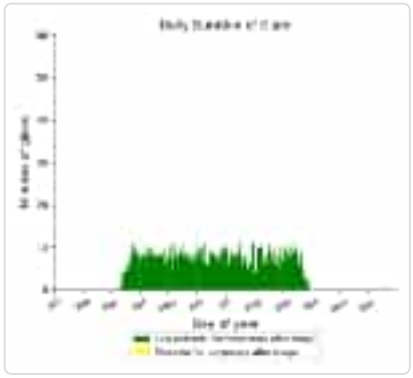


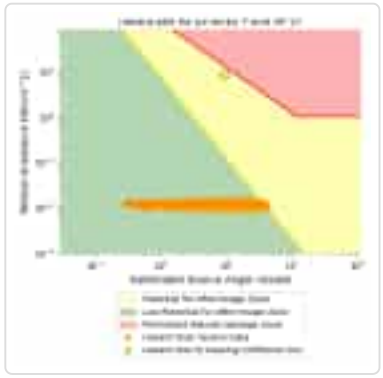
PV array 7: OP 27

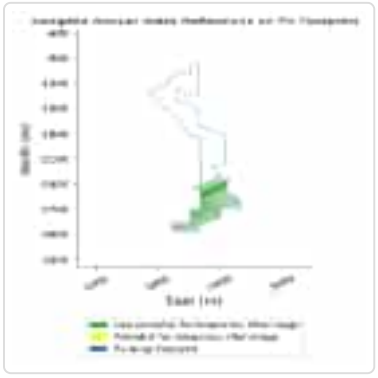
PV array is expected to produce the following glare for this receptor:

- 1,576 minutes of "green" glare with low potential to cause temporary after-image.
- 3 minutes of "yellow" glare with potential to cause temporary after-image.





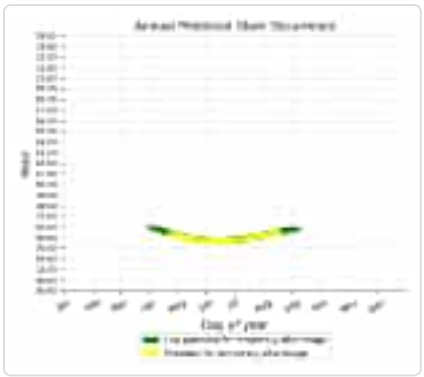


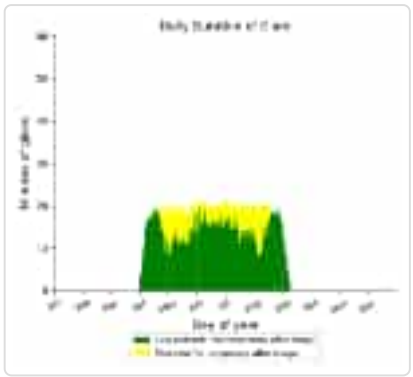


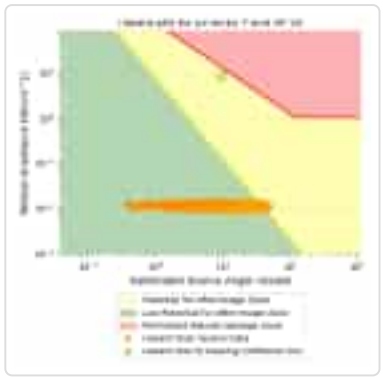
PV array 7: OP 28

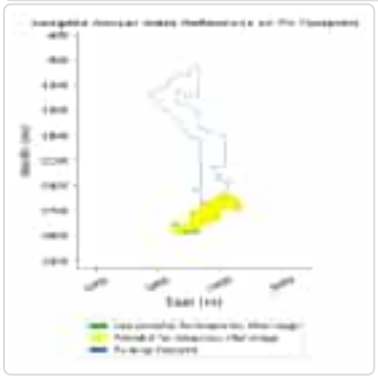
PV array is expected to produce the following glare for this receptor:

- 2,263 minutes of "green" glare with low potential to cause temporary after-image.
- 725 minutes of "yellow" glare with potential to cause temporary after-image.









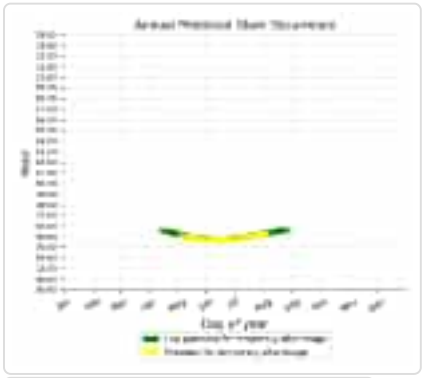
PV array 7: OP 29

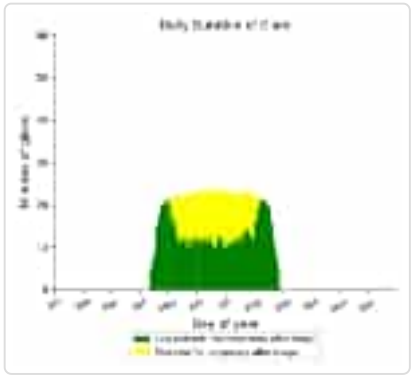
No glare found

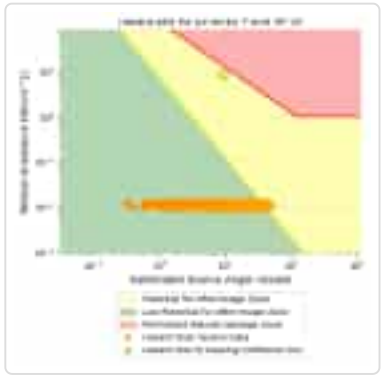
PV array 7: OP 30

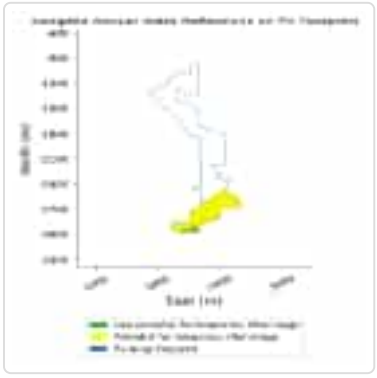
PV array is expected to produce the following glare for this receptor:

- 1,855 minutes of "green" glare with low potential to cause temporary after-image.
- 996 minutes of "yellow" glare with potential to cause temporary after-image.





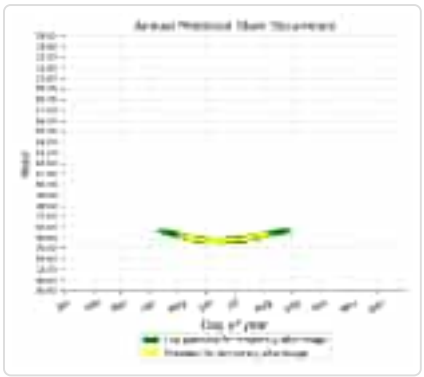


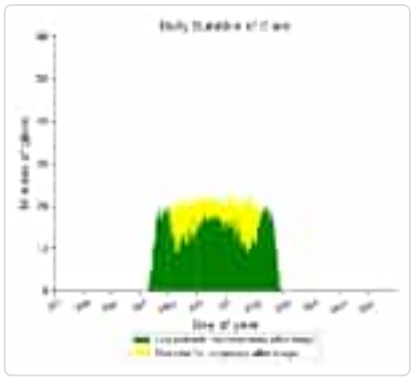


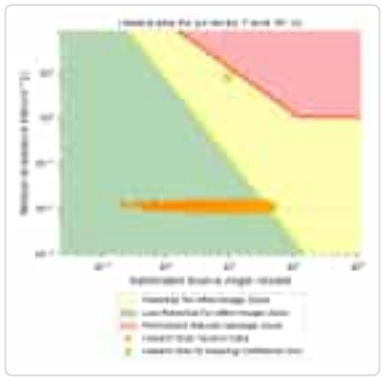
PV array 7: OP 31

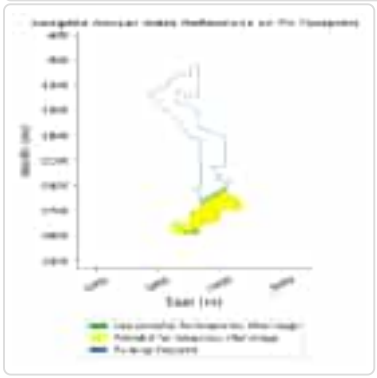
PV array is expected to produce the following glare for this receptor:

- 2,012 minutes of "green" glare with low potential to cause temporary after-image.
- 668 minutes of "yellow" glare with potential to cause temporary after-image.





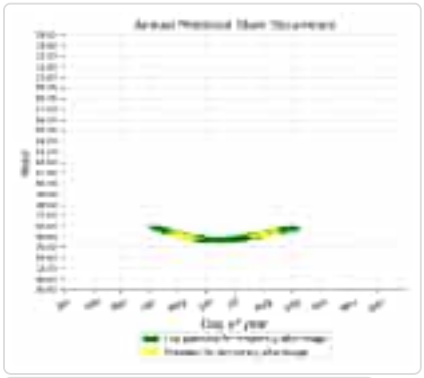


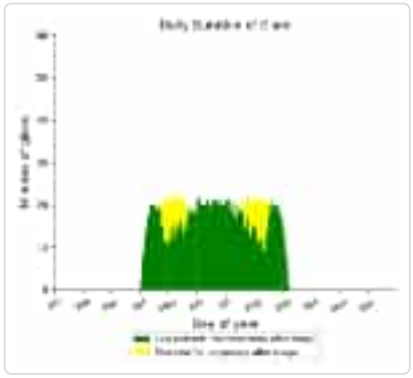


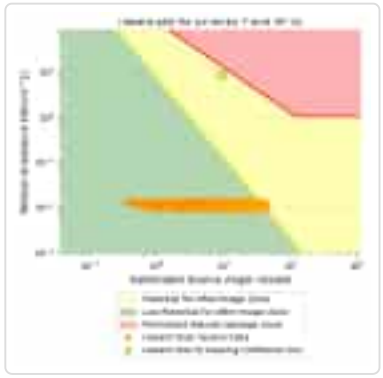
PV array 7: OP 32

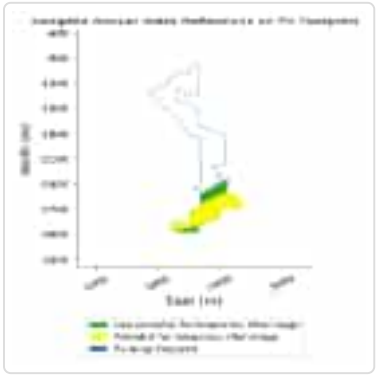
PV array is expected to produce the following glare for this receptor:

- 2,646 minutes of "green" glare with low potential to cause temporary after-image.
- 425 minutes of "yellow" glare with potential to cause temporary after-image.





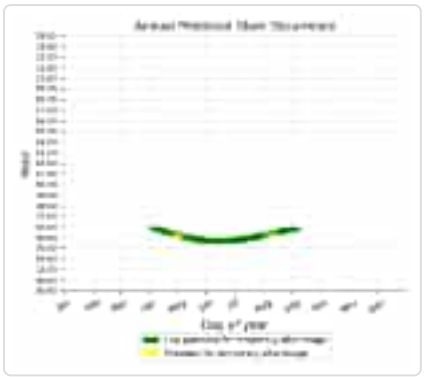


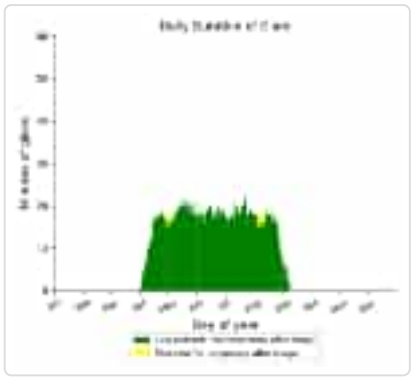


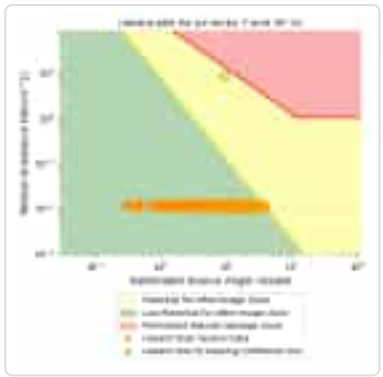
PV array 7: OP 33

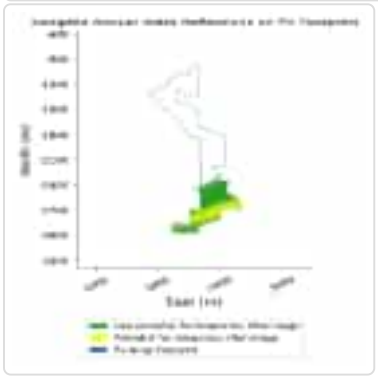
PV array is expected to produce the following glare for this receptor:

- 2,608 minutes of "green" glare with low potential to cause temporary after-image.
- 36 minutes of "yellow" glare with potential to cause temporary after-image.





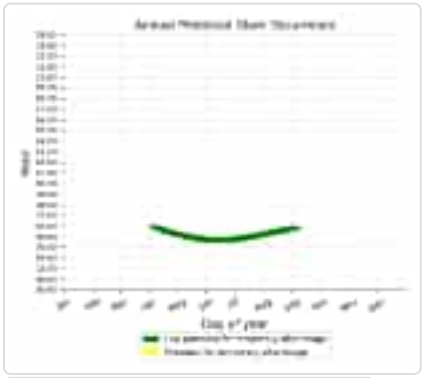


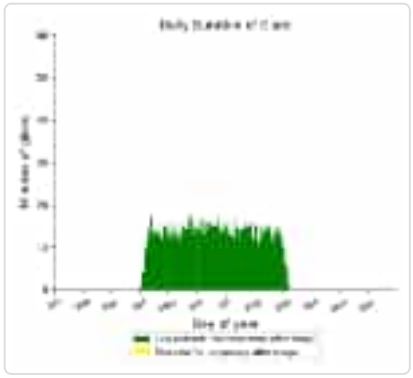


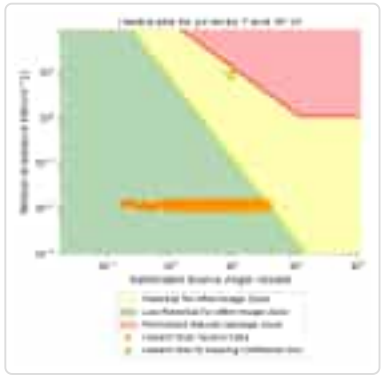
PV array 7: OP 34

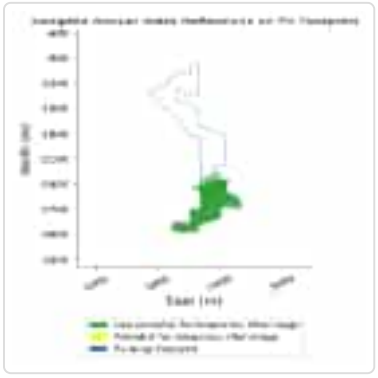
PV array is expected to produce the following glare for this receptor:

- 2,145 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





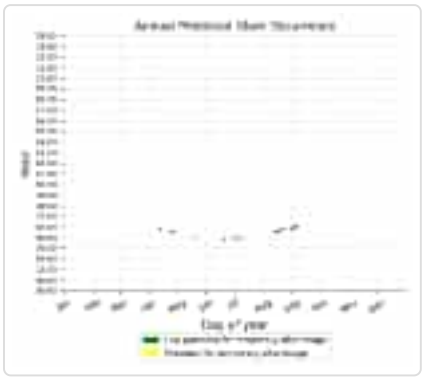


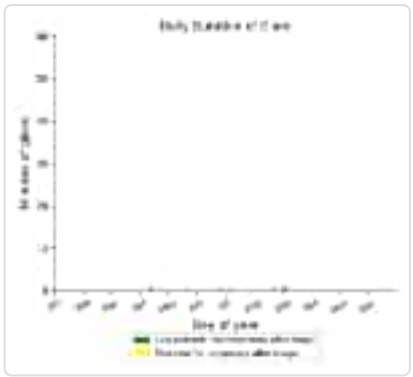


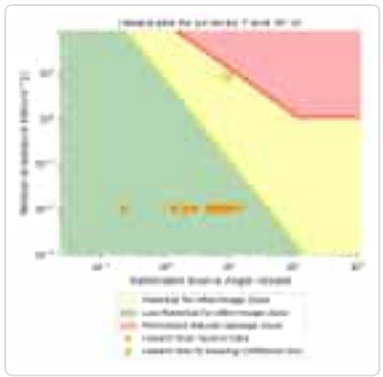
PV array 7: OP 35

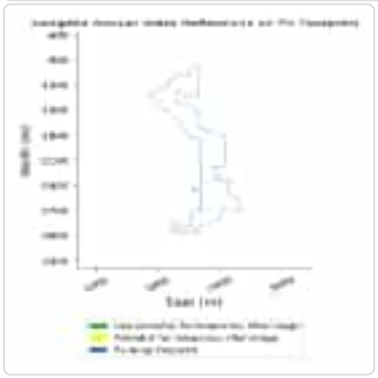
PV array is expected to produce the following glare for this receptor:

- 16 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





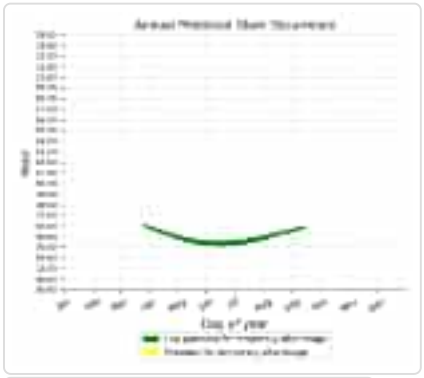


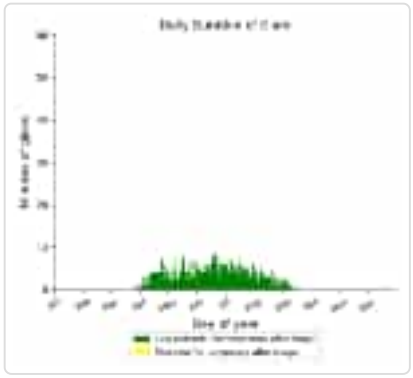


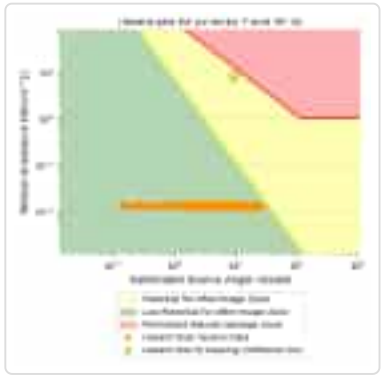
PV array 7: OP 36

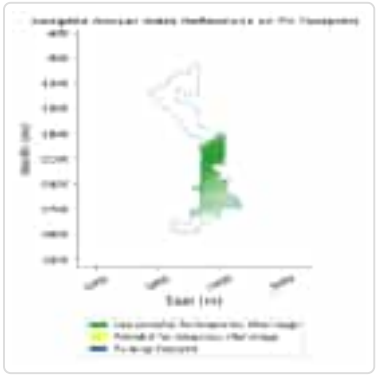
PV array is expected to produce the following glare for this receptor:

- 655 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





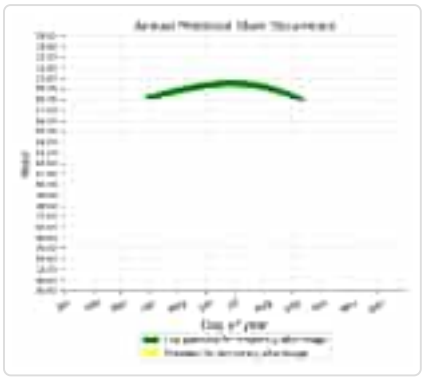


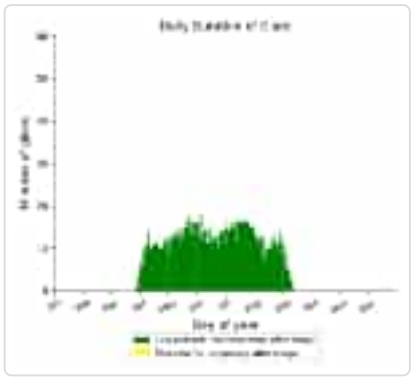


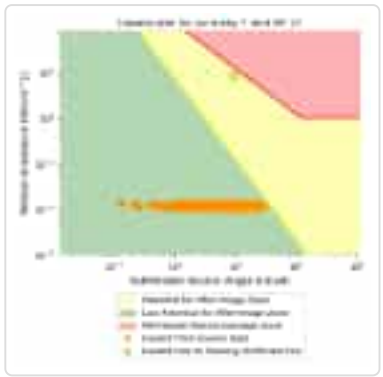
PV array 7: OP 37

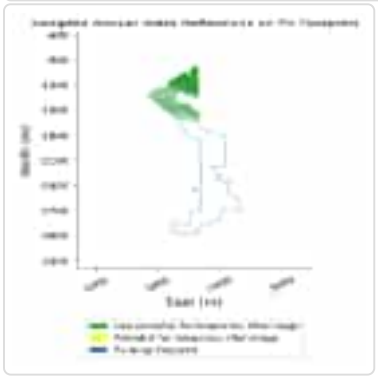
PV array is expected to produce the following glare for this receptor:

- 2,059 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





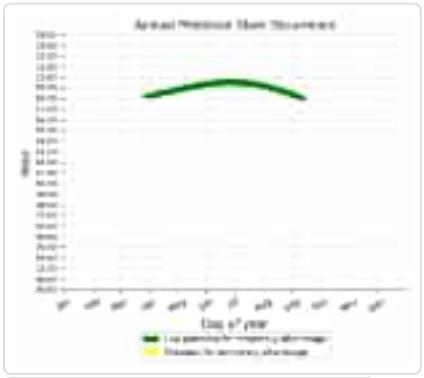


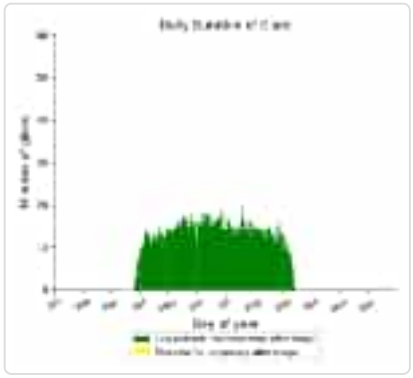


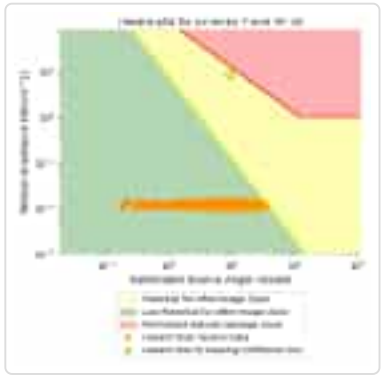
PV array 7: OP 38

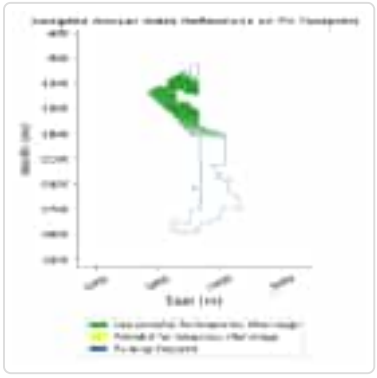
PV array is expected to produce the following glare for this receptor:

- 2,352 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





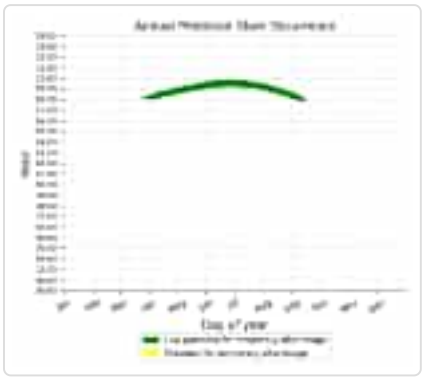


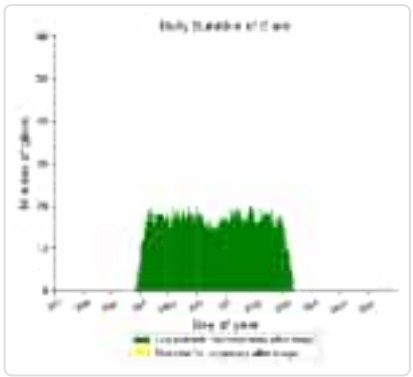


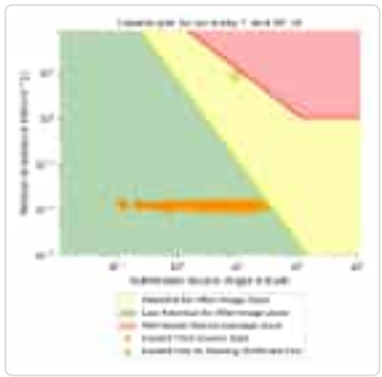
PV array 7: OP 39

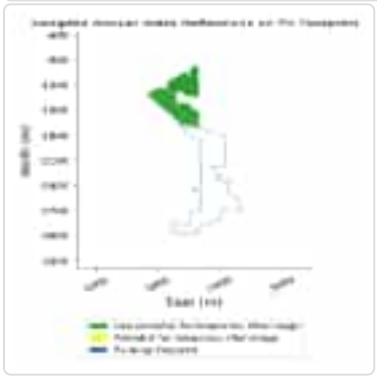
PV array is expected to produce the following glare for this receptor:

- 2,725 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





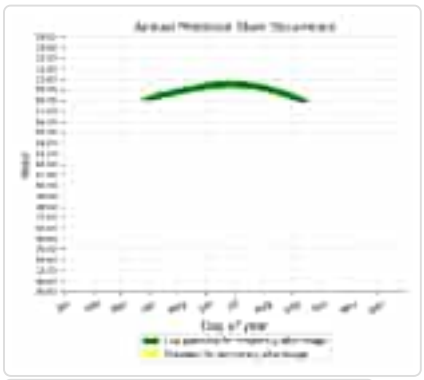


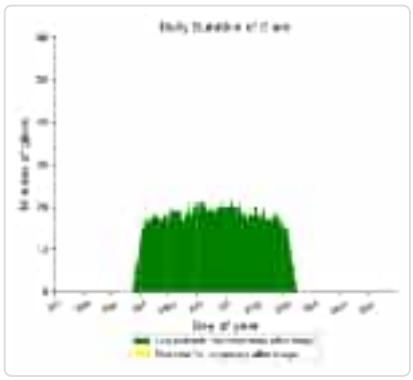


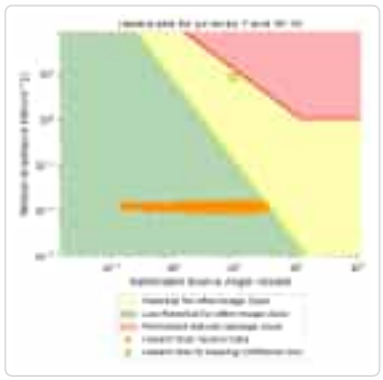
PV array 7: OP 40

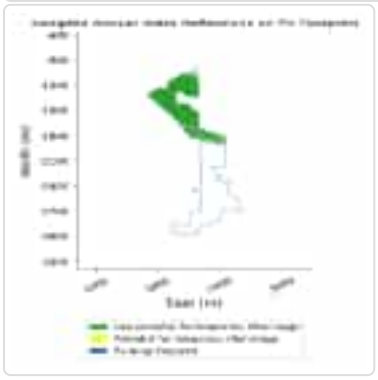
PV array is expected to produce the following glare for this receptor:

- 3,028 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





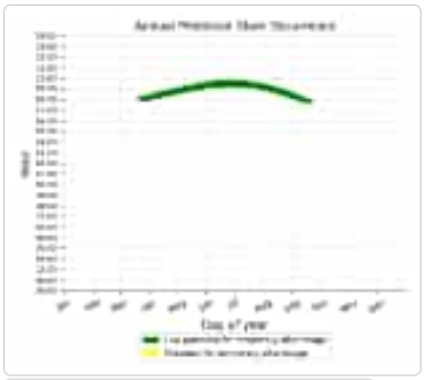


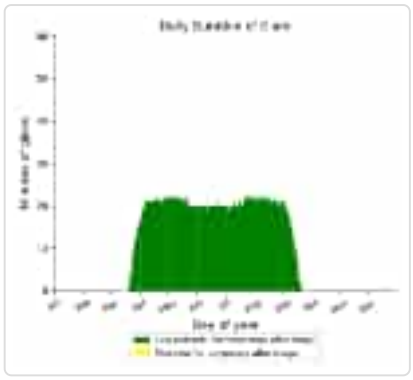


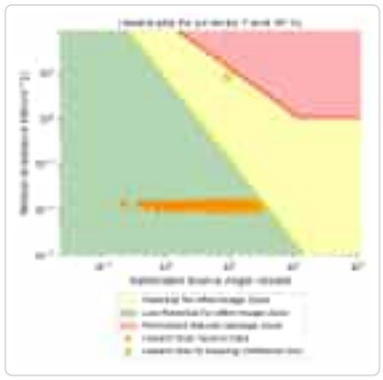
PV array 7: OP 41

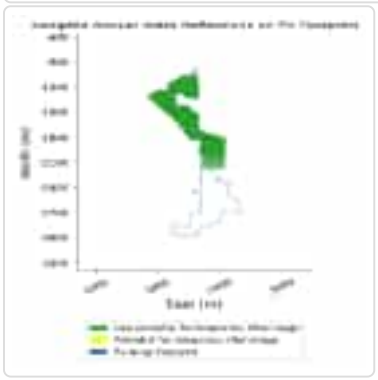
PV array is expected to produce the following glare for this receptor:

- 3,551 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





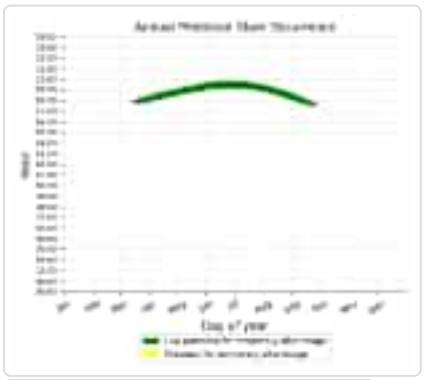


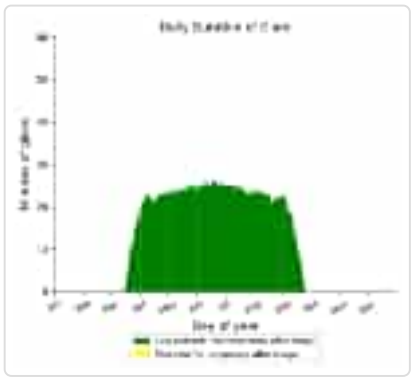


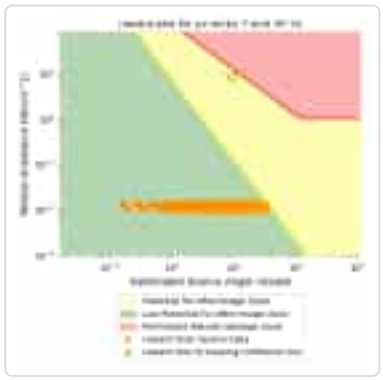
PV array 7: OP 42

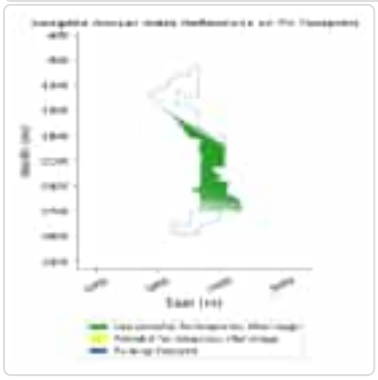
PV array is expected to produce the following glare for this receptor:

- 4,130 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





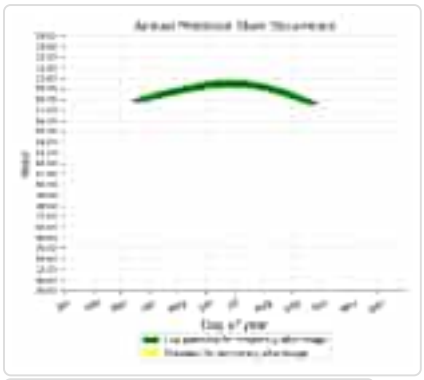


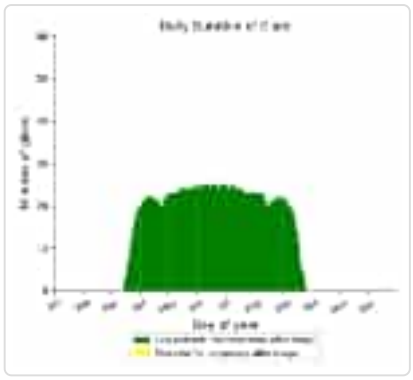


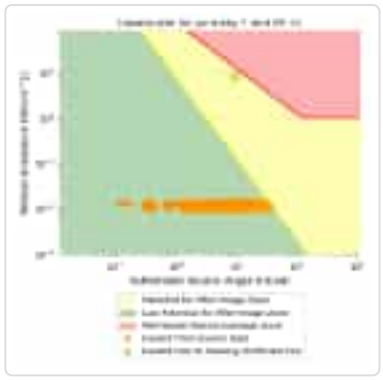
PV array 7: OP 43

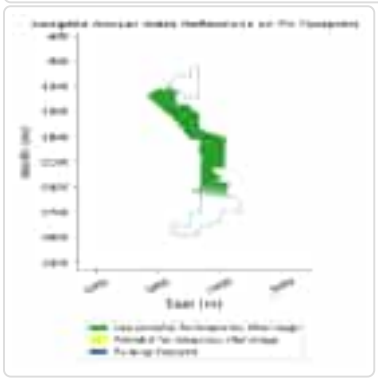
PV array is expected to produce the following glare for this receptor:

- 4,117 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





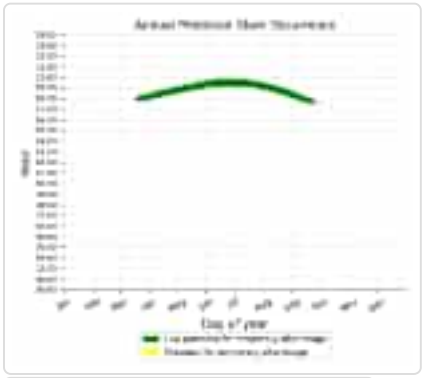


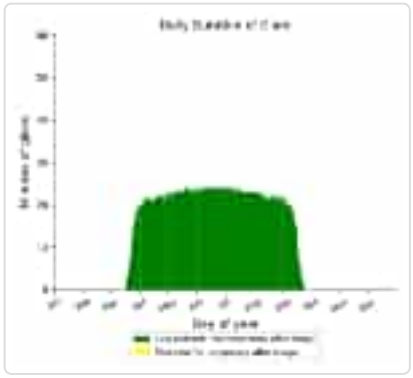


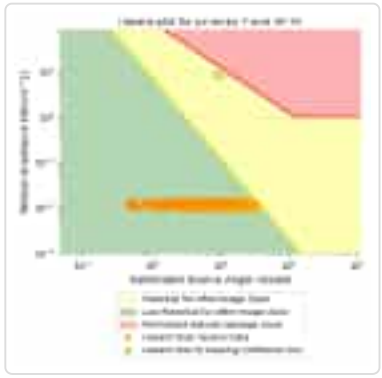
PV array 7: OP 44

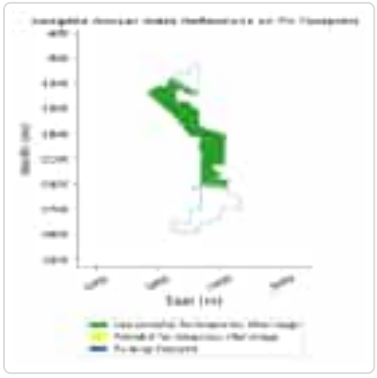
PV array is expected to produce the following glare for this receptor:

- 3,995 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





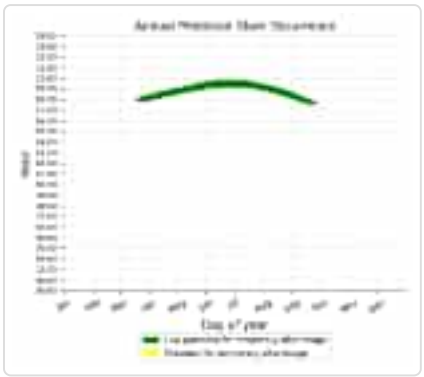


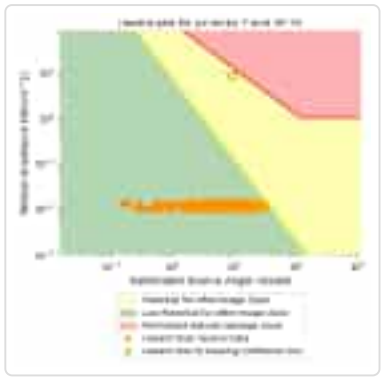


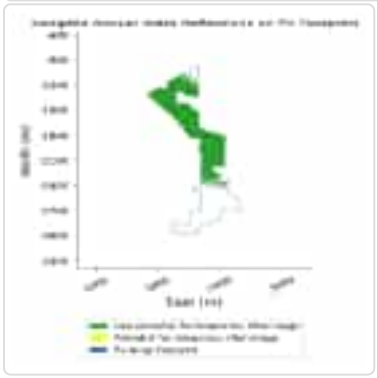
PV array 7: OP 45

PV array is expected to produce the following glare for this receptor:

- 3,749 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



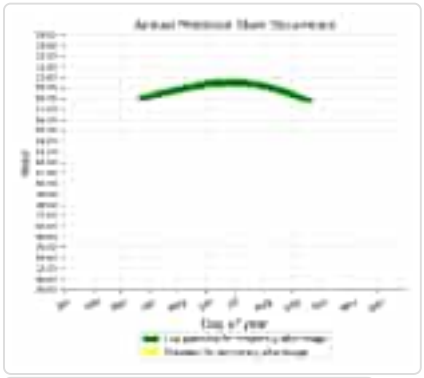


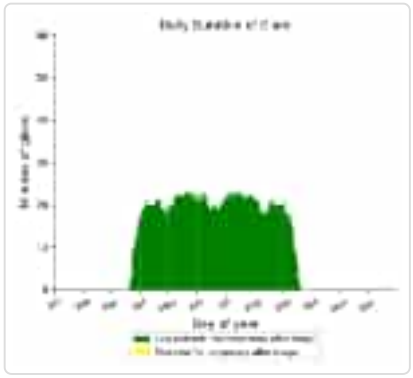


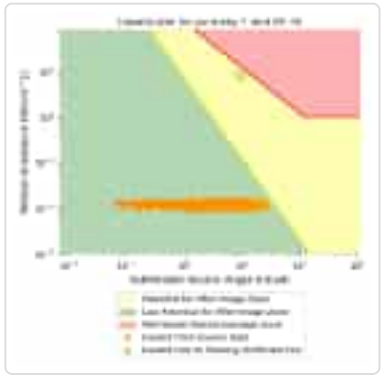
PV array 7: OP 46

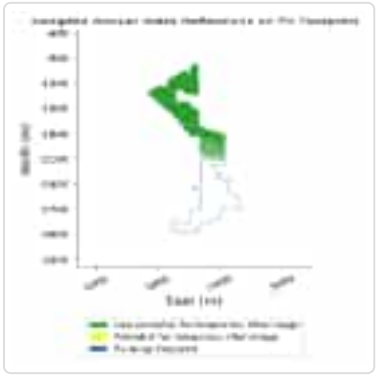
PV array is expected to produce the following glare for this receptor:

- 3,551 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





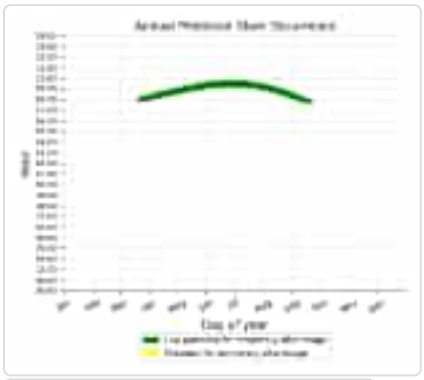


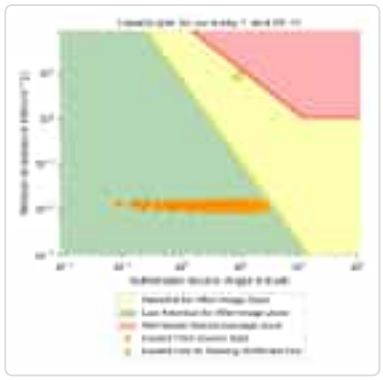


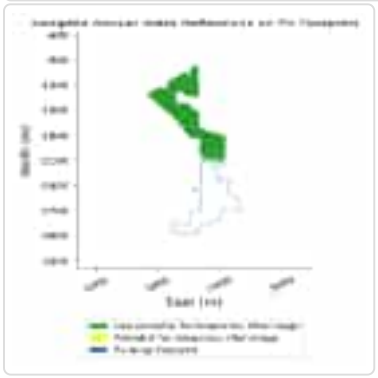
PV array 7: OP 47

PV array is expected to produce the following glare for this receptor:

- 3,675 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



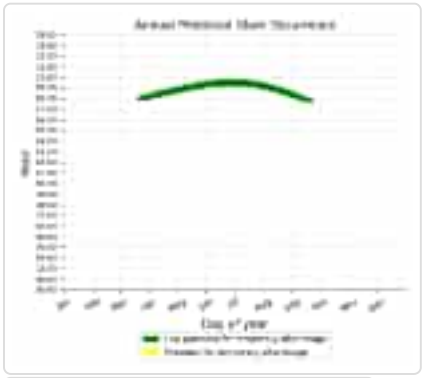


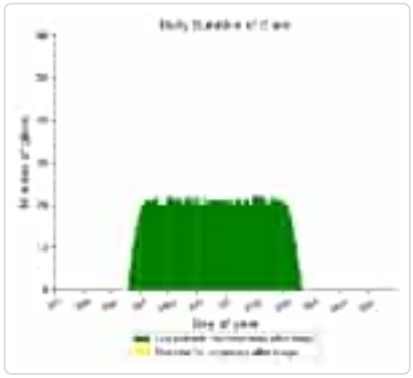


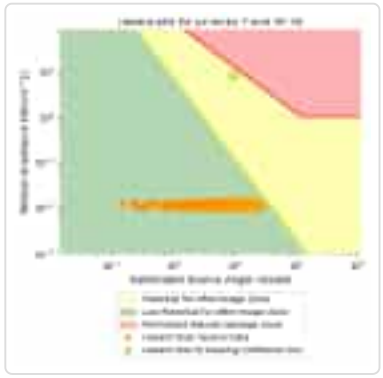
PV array 7: OP 48

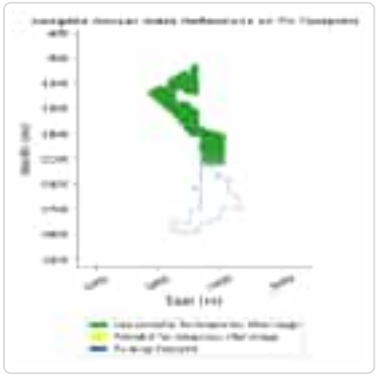
PV array is expected to produce the following glare for this receptor:

- 3,641 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





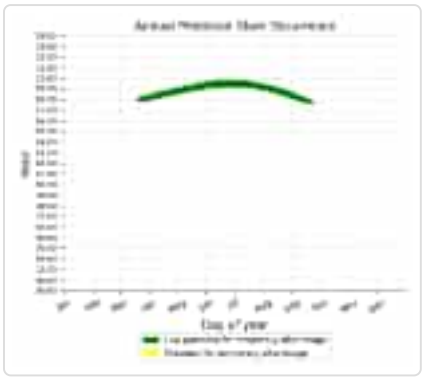


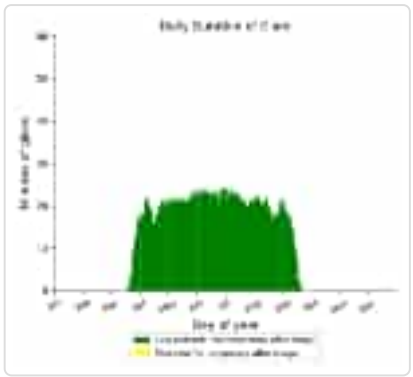


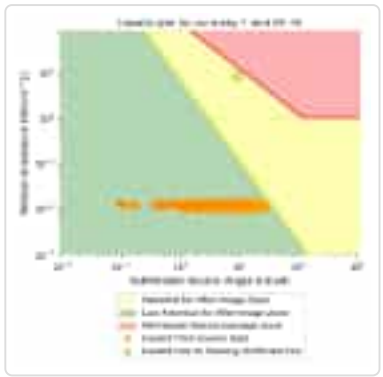
PV array 7: OP 49

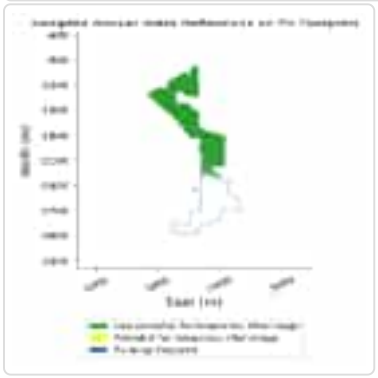
PV array is expected to produce the following glare for this receptor:

- 3,648 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





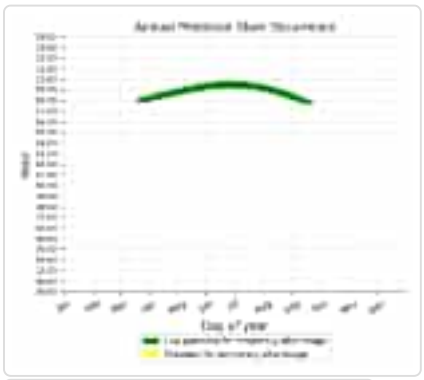


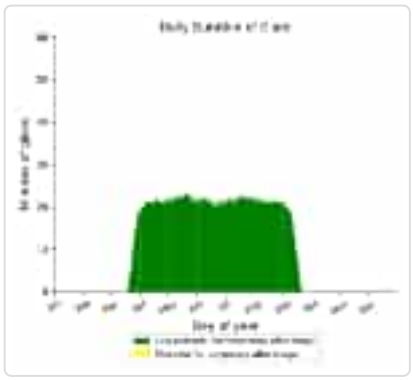


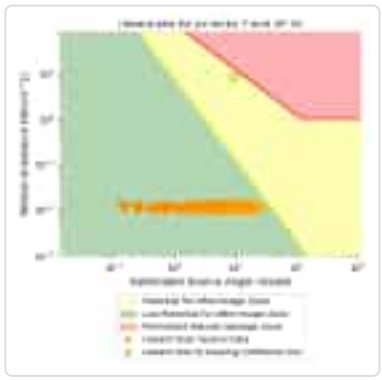
PV array 7: OP 50

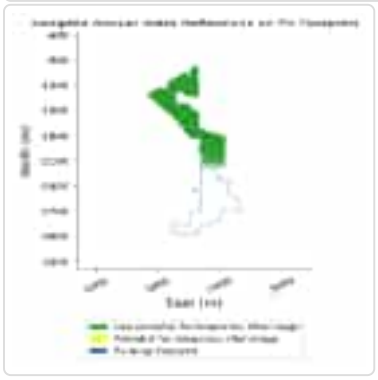
PV array is expected to produce the following glare for this receptor:

- 3,715 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





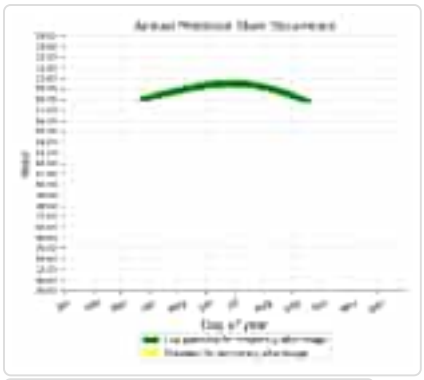


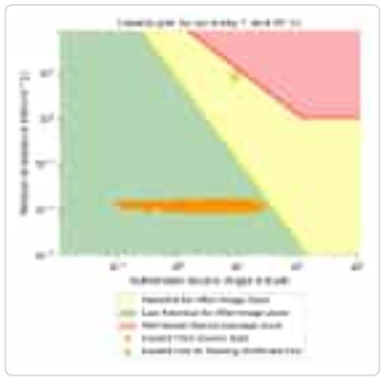


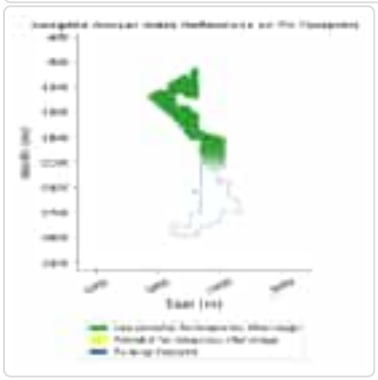
PV array 7: OP 51

PV array is expected to produce the following glare for this receptor:

- 3,510 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



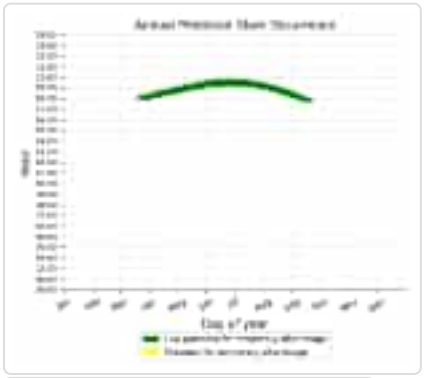


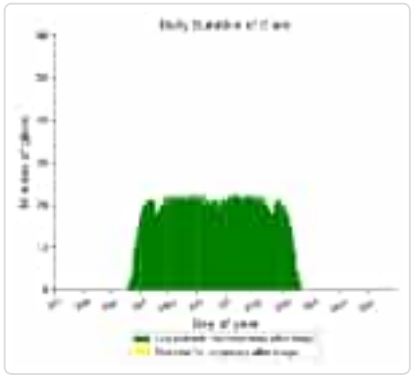


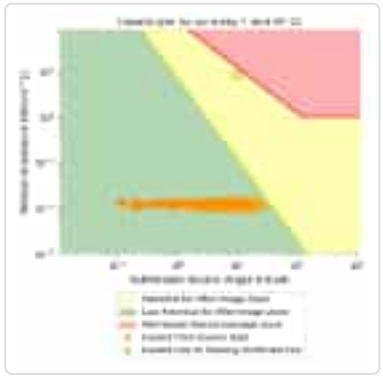
PV array 7: OP 52

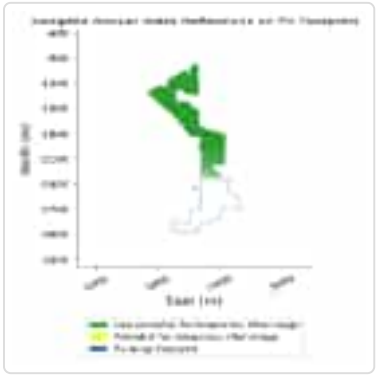
PV array is expected to produce the following glare for this receptor:

- 3,571 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





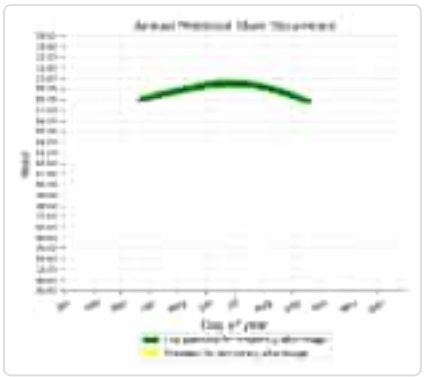


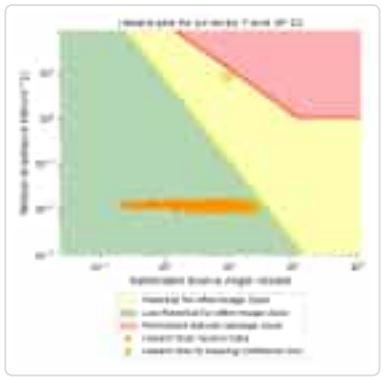


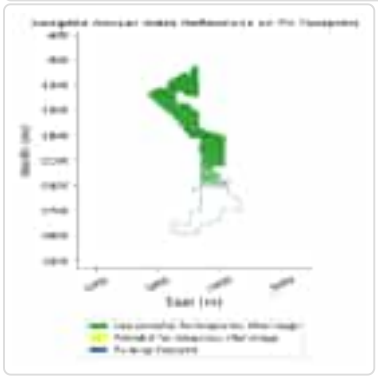
PV array 7: OP 53

PV array is expected to produce the following glare for this receptor:

- 3,515 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



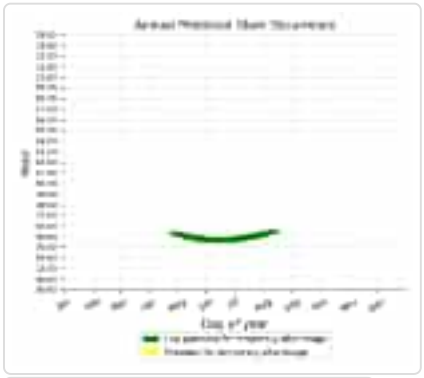


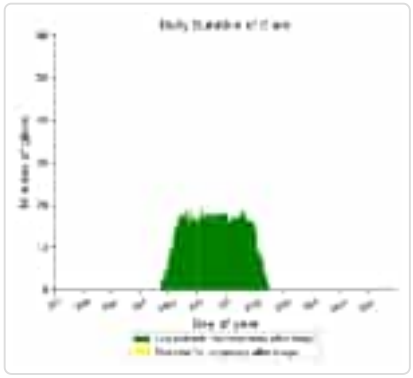


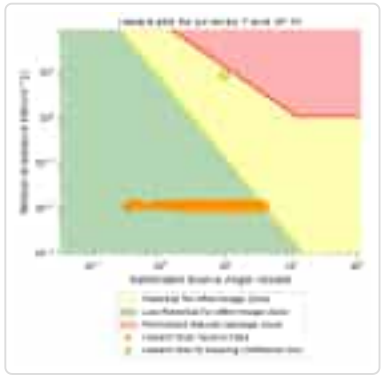
PV array 7: OP 54

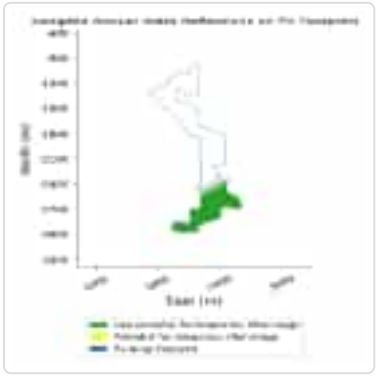
PV array is expected to produce the following glare for this receptor:

- 1,678 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





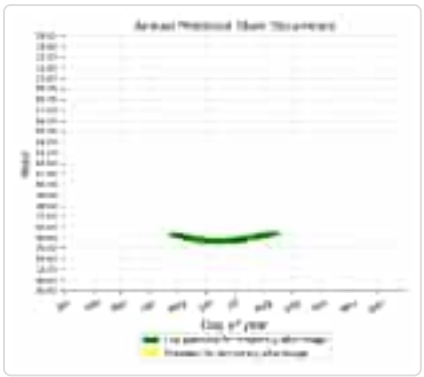


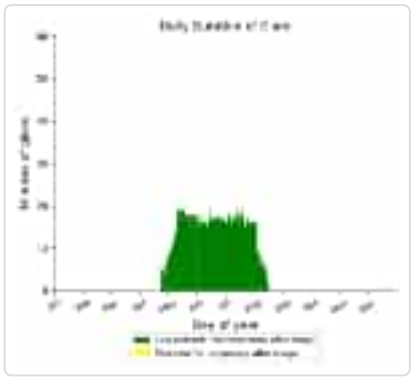


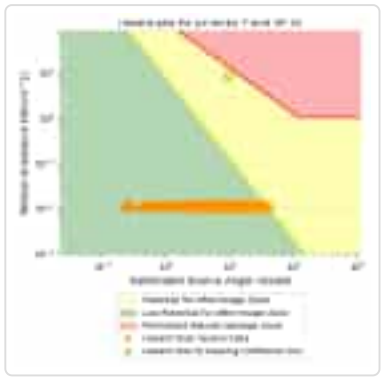
PV array 7: OP 55

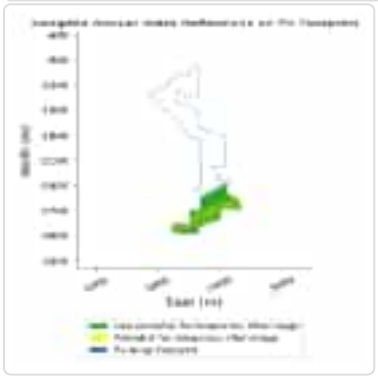
PV array is expected to produce the following glare for this receptor:

- 1,698 minutes of "green" glare with low potential to cause temporary after-image.
- 4 minutes of "yellow" glare with potential to cause temporary after-image.





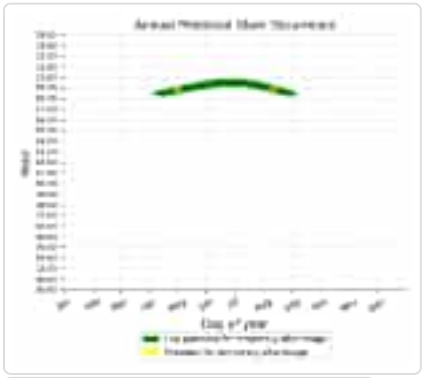


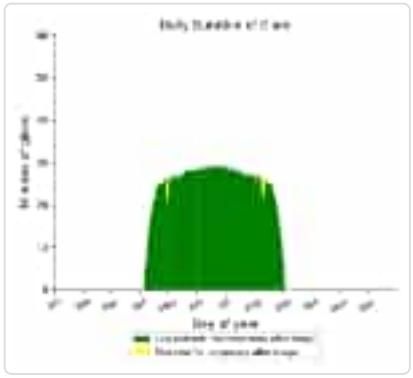


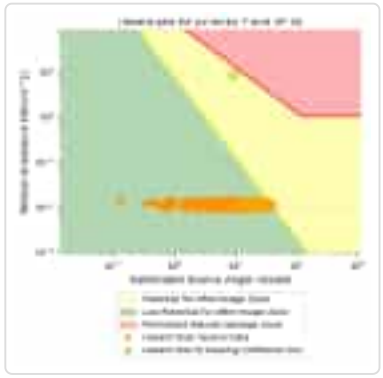
PV array 7: OP 56

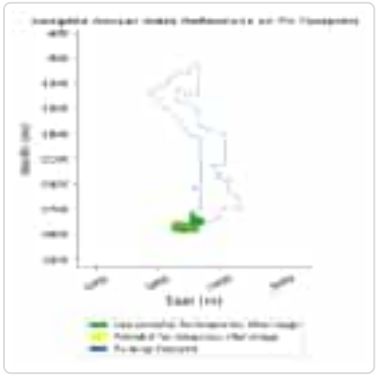
PV array is expected to produce the following glare for this receptor:

- 3,762 minutes of "green" glare with low potential to cause temporary after-image.
- 34 minutes of "yellow" glare with potential to cause temporary after-image.





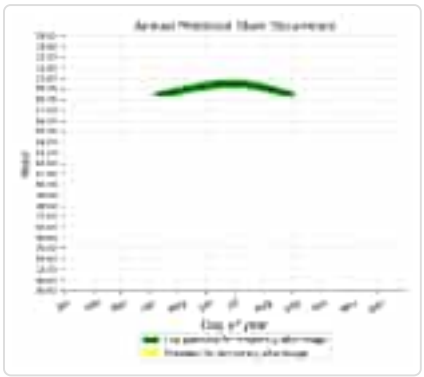


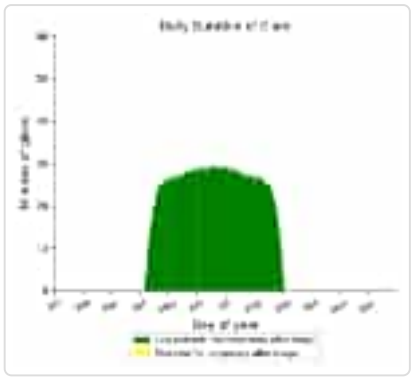


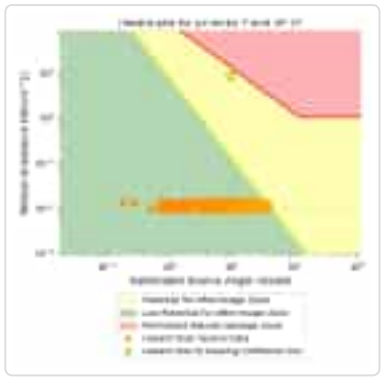
PV array 7: OP 57

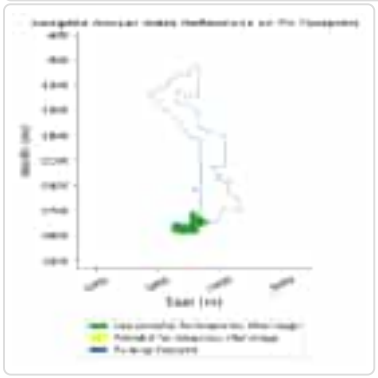
PV array is expected to produce the following glare for this receptor:

- 3,752 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





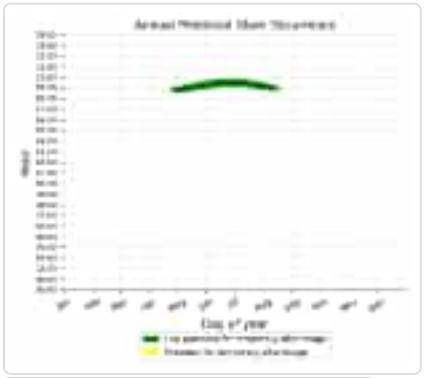


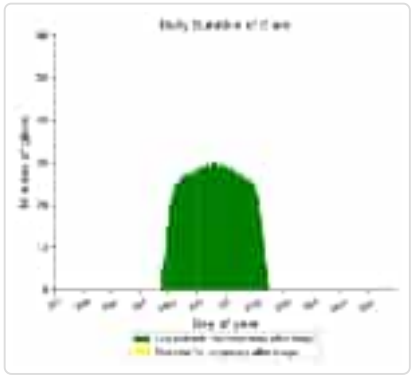


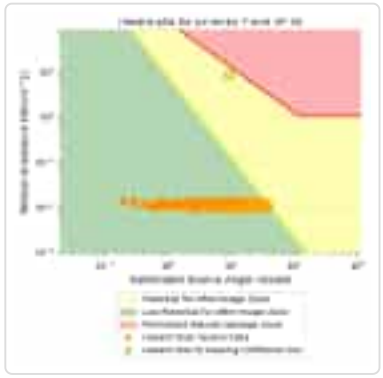
PV array 7: OP 58

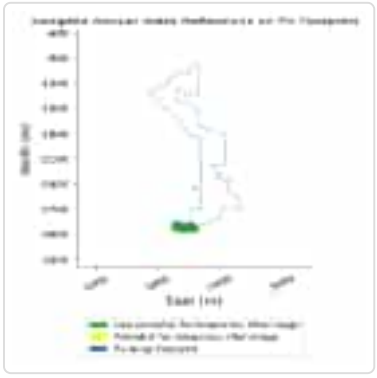
PV array is expected to produce the following glare for this receptor:

- 2,810 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 59

No glare found

PV array 7: OP 60

No glare found

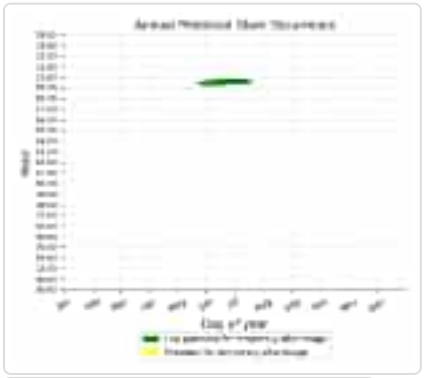
PV array 7: OP 61

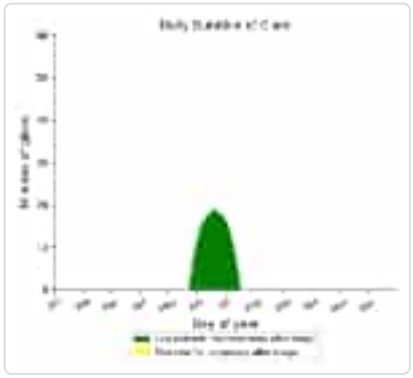
No glare found

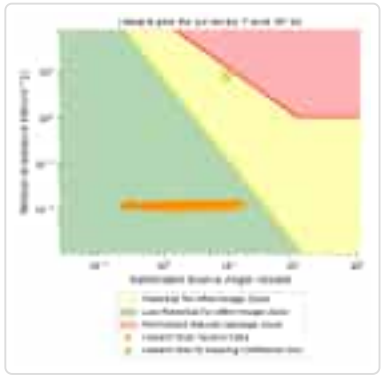
PV array 7: OP 62

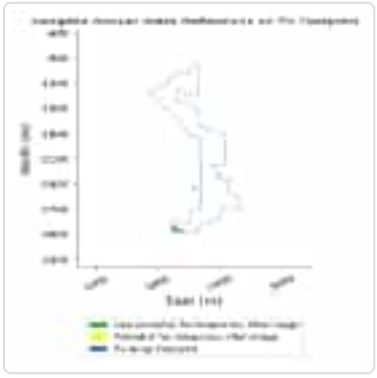
PV array is expected to produce the following glare for this receptor:

- 741 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 63

No glare found

PV array 7: OP 64

No glare found

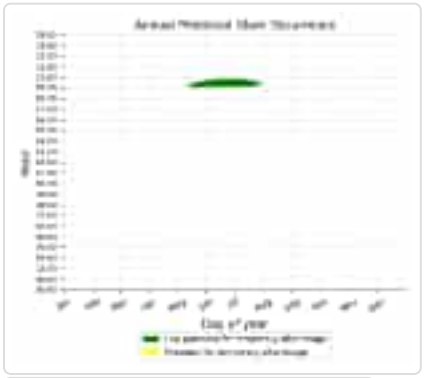
PV array 7: OP 65

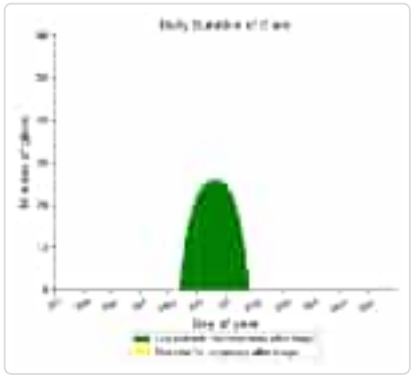
No glare found

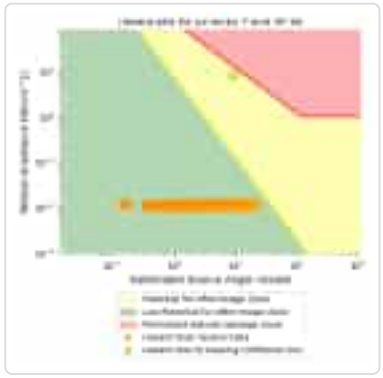
PV array 7: OP 66

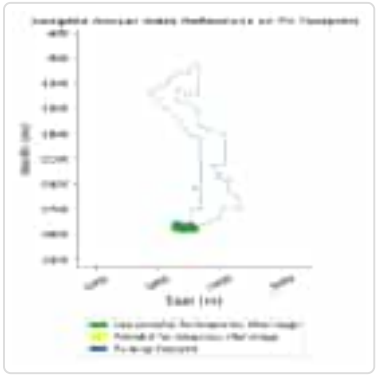
PV array is expected to produce the following glare for this receptor:

- 1,464 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





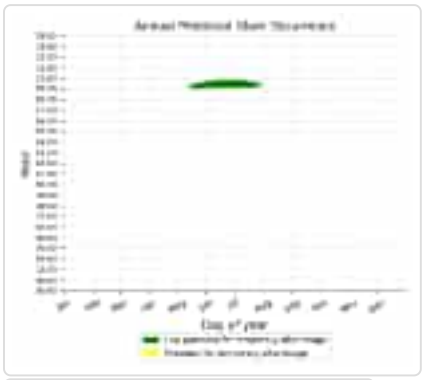


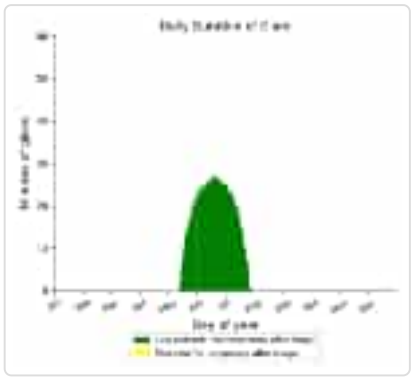


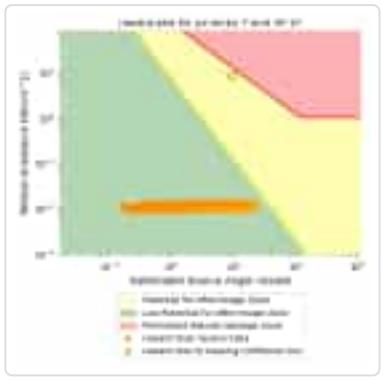
PV array 7: OP 67

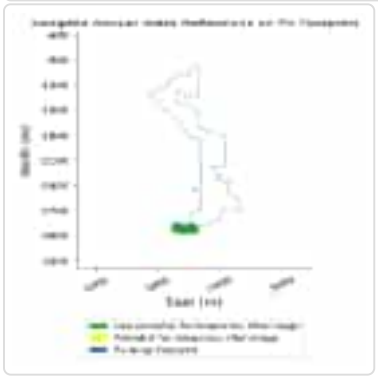
PV array is expected to produce the following glare for this receptor:

- 1,494 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





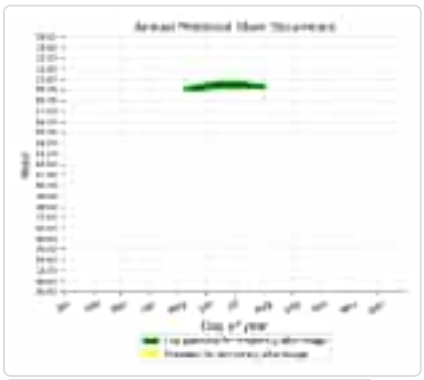


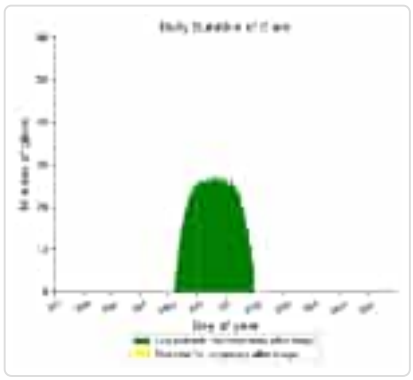


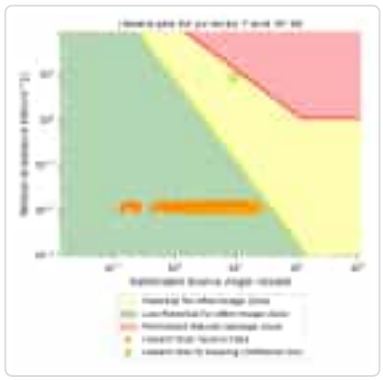
PV array 7: OP 68

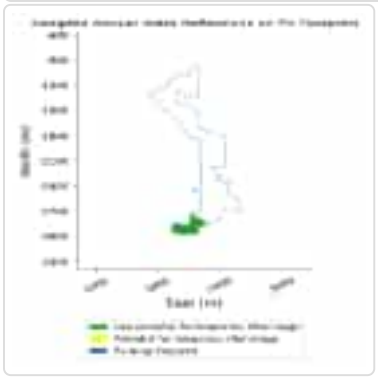
PV array is expected to produce the following glare for this receptor:

- 1,834 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





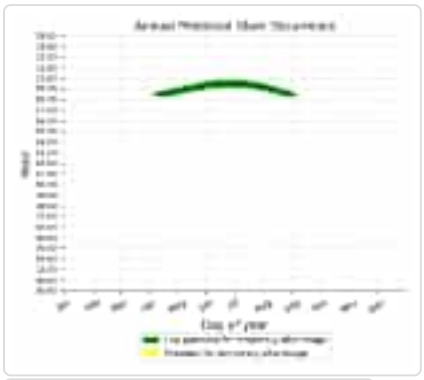


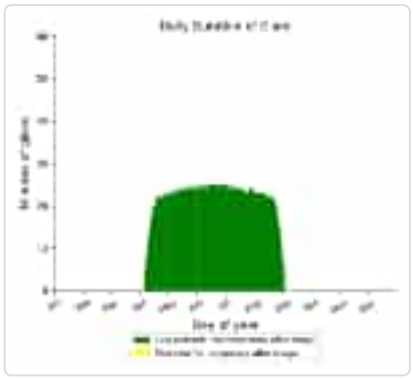


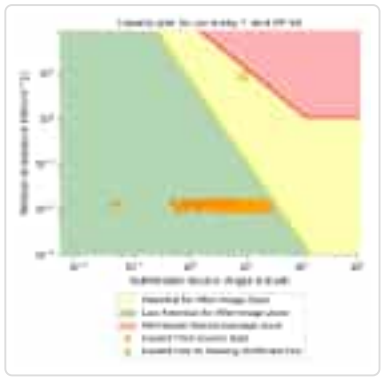
PV array 7: OP 69

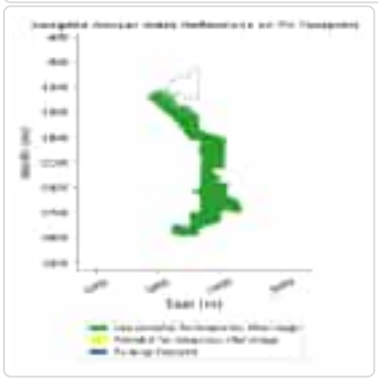
PV array is expected to produce the following glare for this receptor:

- 3,338 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





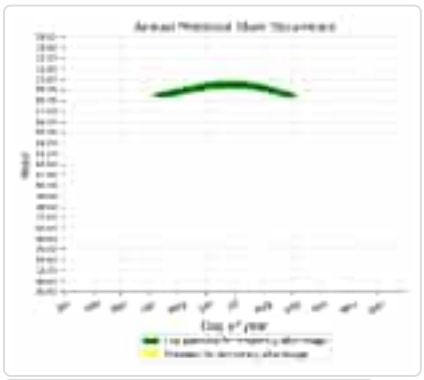


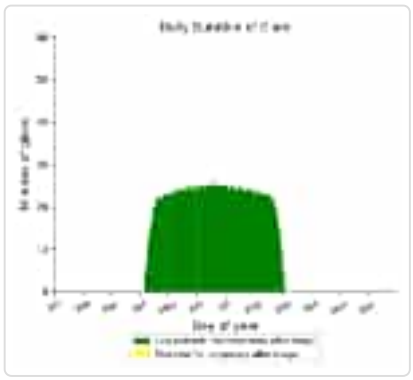


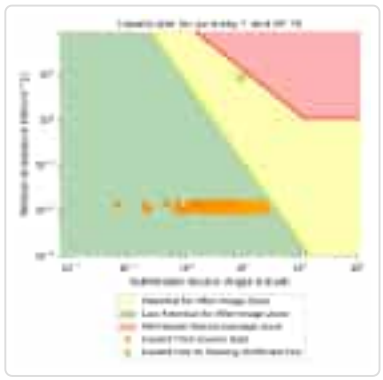
PV array 7: OP 70

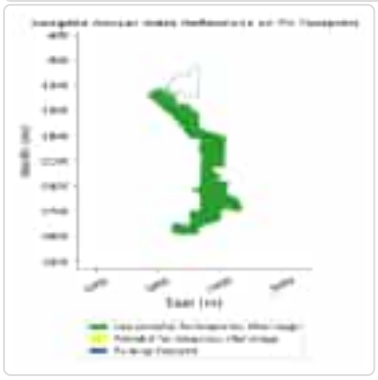
PV array is expected to produce the following glare for this receptor:

- 3,346 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





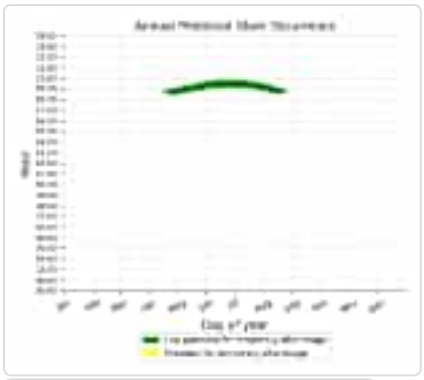


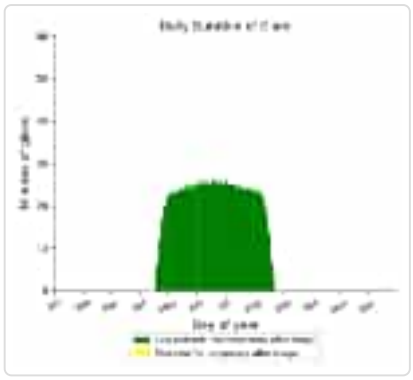


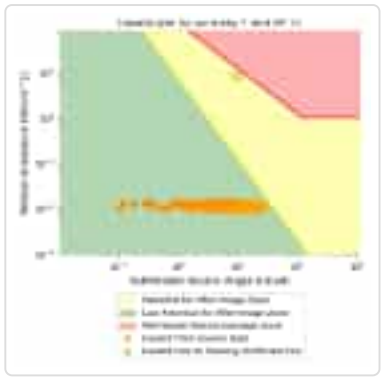
PV array 7: OP 71

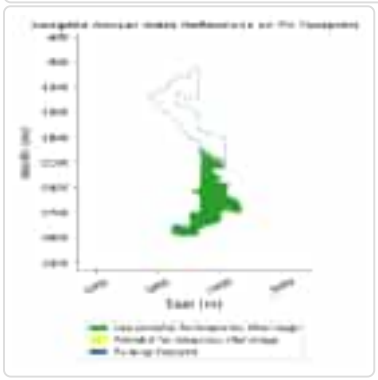
PV array is expected to produce the following glare for this receptor:

- 2,853 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 72

No glare found

PV array 7: OP 73

No glare found

PV array 7: OP 74

No glare found

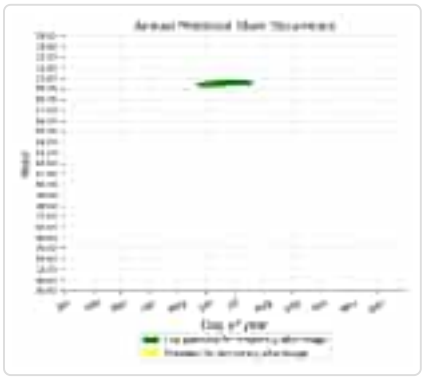
PV array 7: OP 75

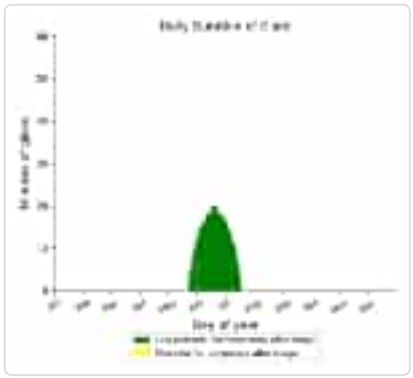
No glare found

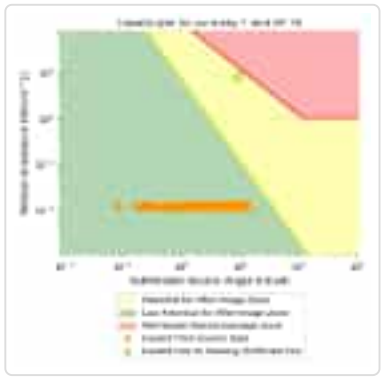
PV array 7: OP 76

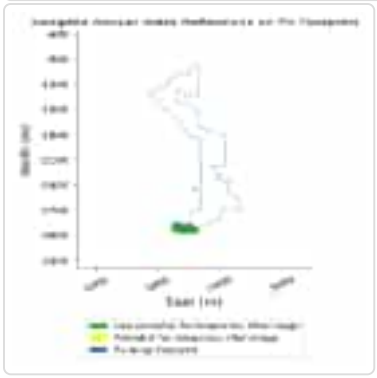
PV array is expected to produce the following glare for this receptor:

- 789 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 77

No glare found

PV array 7: OP 78

No glare found

PV array 7: OP 79

No glare found

PV array 7: OP 80

No glare found

PV array 8 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0

OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	58	0
OP: OP 10	72	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	16	0
OP: OP 22	16	0
OP: OP 23	70	0
OP: OP 24	33	0
OP: OP 25	46	0
OP: OP 26	154	0
OP: OP 27	375	0
OP: OP 28	560	0
OP: OP 29	0	0
OP: OP 30	762	0
OP: OP 31	637	0
OP: OP 32	431	0
OP: OP 33	392	0
OP: OP 34	376	0
OP: OP 35	180	0
OP: OP 36	180	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	1403	0
OP: OP 43	147	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	429	0
OP: OP 55	627	0
OP: OP 56	0	0

OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	1142	0
OP: OP 70	1244	0
OP: OP 71	1675	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

PV array 8: OP 1

No glare found

PV array 8: OP 2

No glare found

PV array 8: OP 3

No glare found

PV array 8: OP 4

No glare found

PV array 8: OP 5

No glare found

PV array 8: OP 6

No glare found

PV array 8: OP 7

No glare found

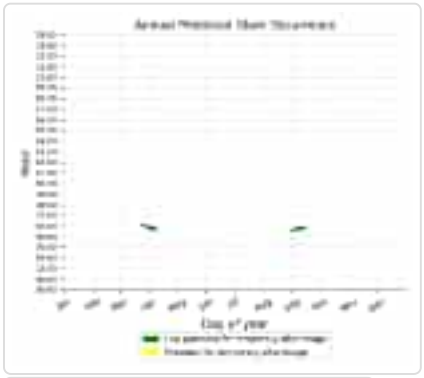
PV array 8: OP 8

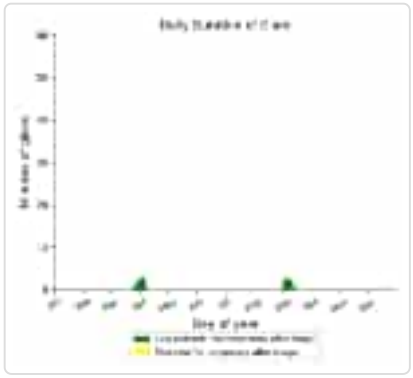
No glare found

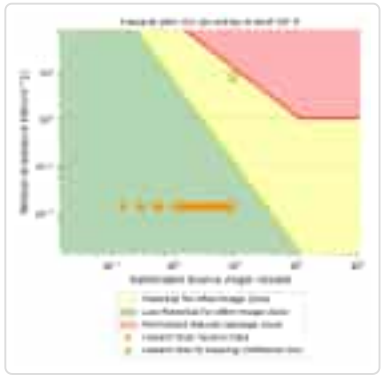
PV array 8: OP 9

PV array is expected to produce the following glare for this receptor:

- 58 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



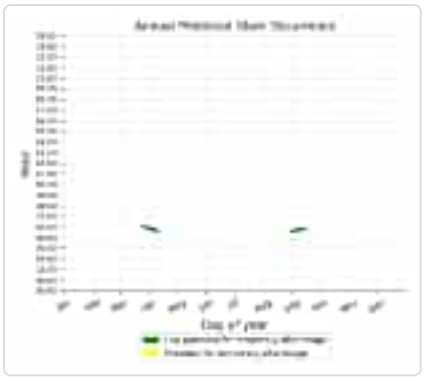


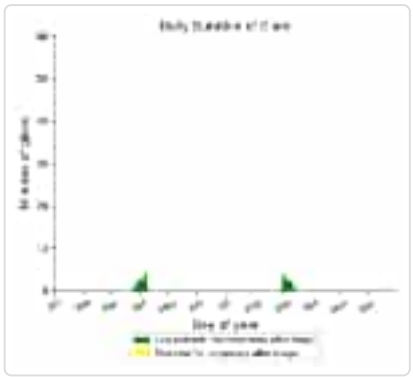


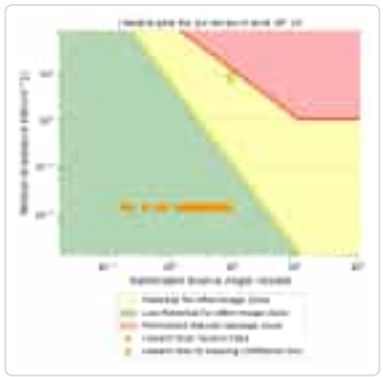
PV array 8: OP 10

PV array is expected to produce the following glare for this receptor:

- 72 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 8: OP 11

No glare found

PV array 8: OP 12

No glare found

PV array 8: OP 13

No glare found

PV array 8: OP 14

No glare found

PV array 8: OP 15

No glare found

PV array 8: OP 16

No glare found

PV array 8: OP 17

No glare found

PV array 8: OP 18

No glare found

PV array 8: OP 19

No glare found

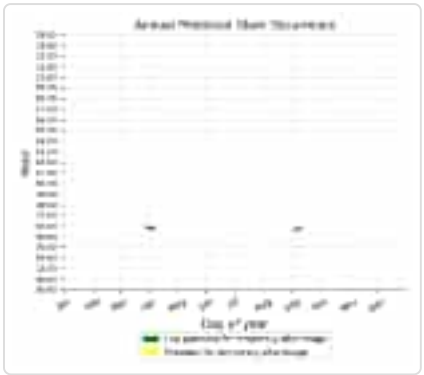
PV array 8: OP 20

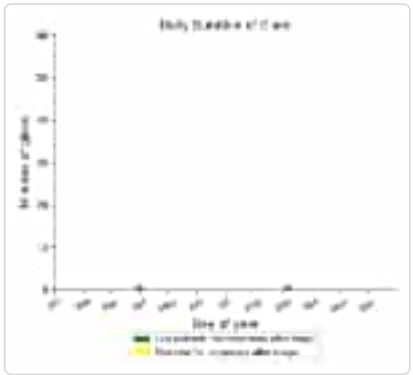
No glare found

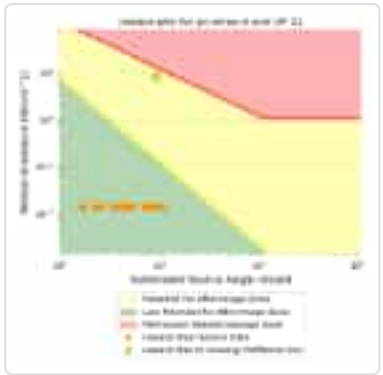
PV array 8: OP 21

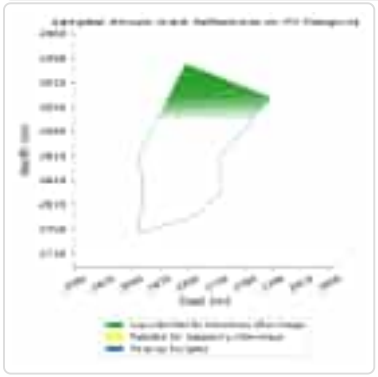
PV array is expected to produce the following glare for this receptor:

- 16 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





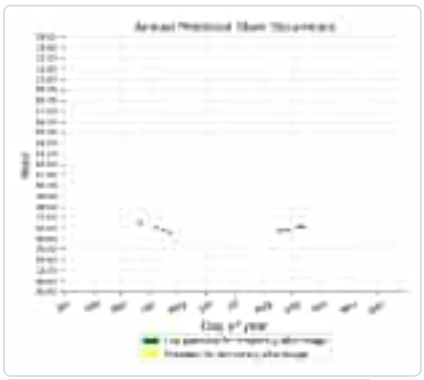


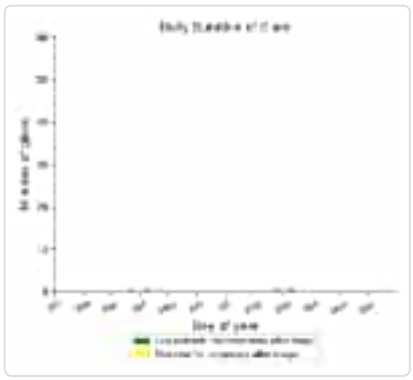


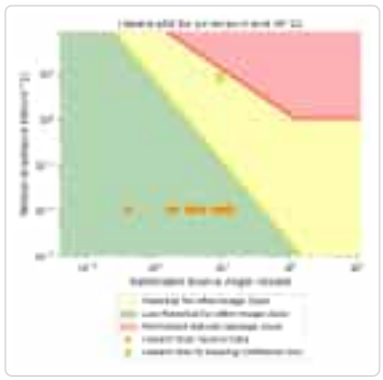
PV array 8: OP 22

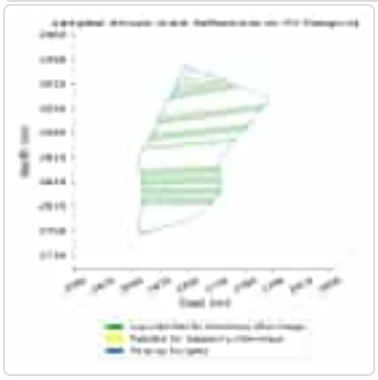
PV array is expected to produce the following glare for this receptor:

- 16 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





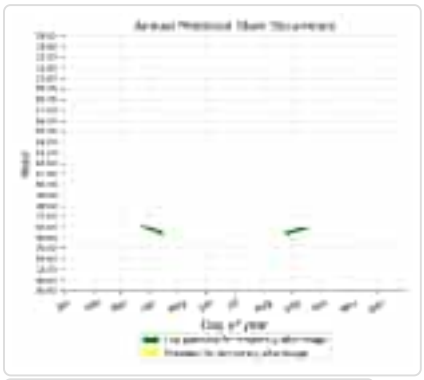


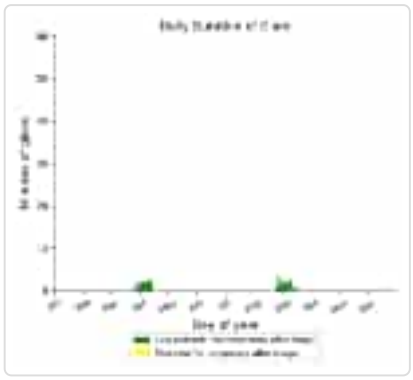


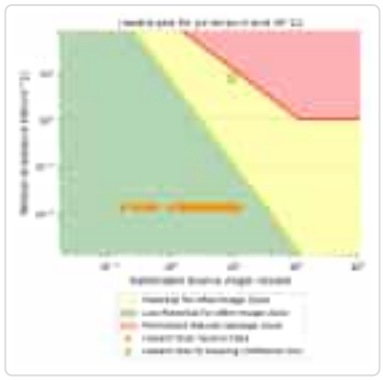
PV array 8: OP 23

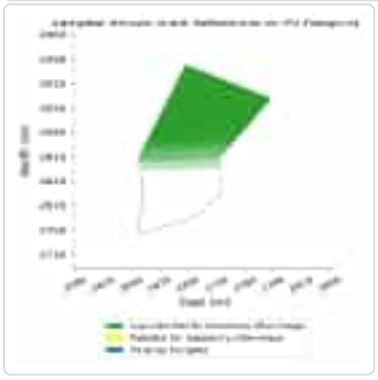
PV array is expected to produce the following glare for this receptor:

- 70 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





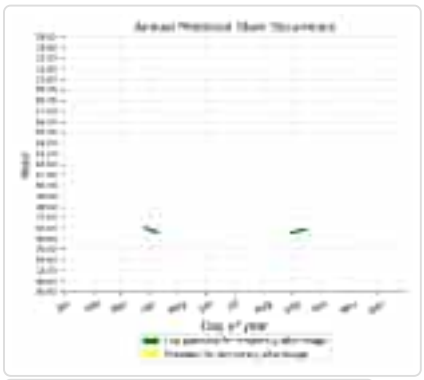


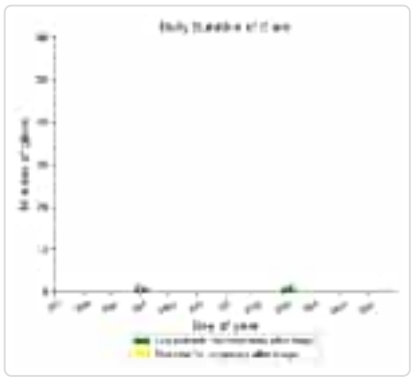


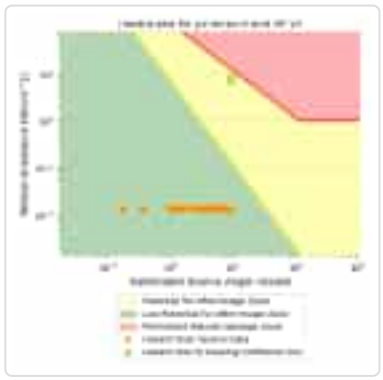
PV array 8: OP 24

PV array is expected to produce the following glare for this receptor:

- 33 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



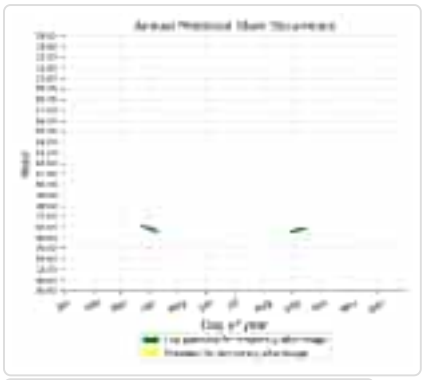


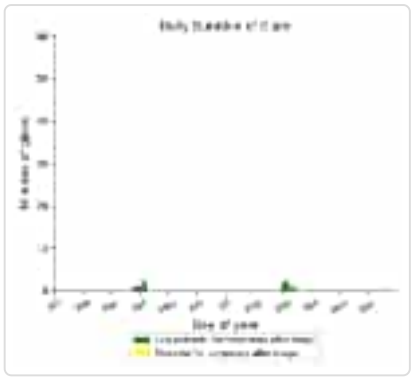


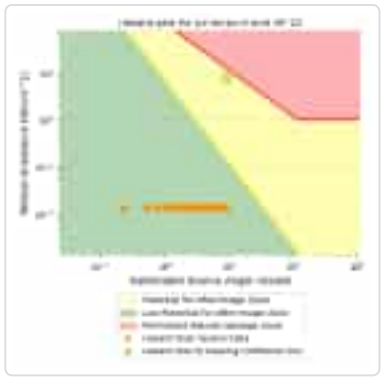
PV array 8: OP 25

PV array is expected to produce the following glare for this receptor:

- 46 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



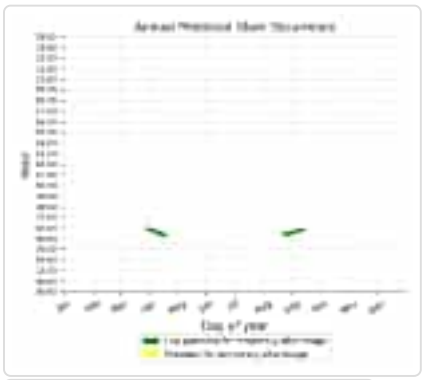


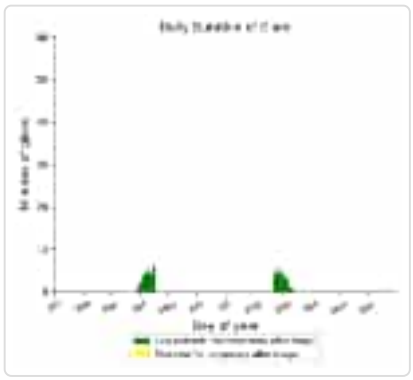


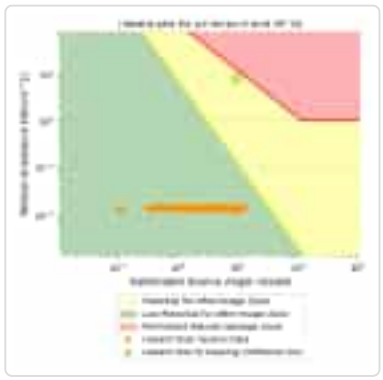
PV array 8: OP 26

PV array is expected to produce the following glare for this receptor:

- 154 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



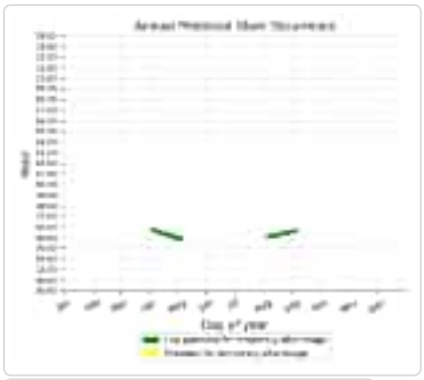


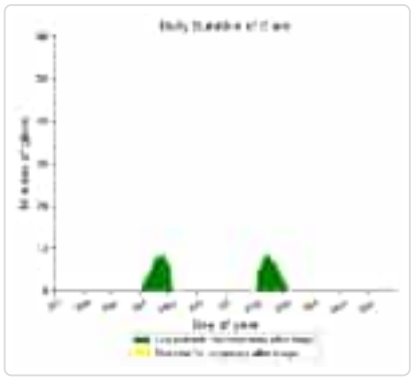


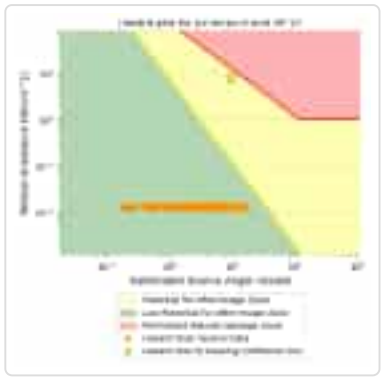
PV array 8: OP 27

PV array is expected to produce the following glare for this receptor:

- 375 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



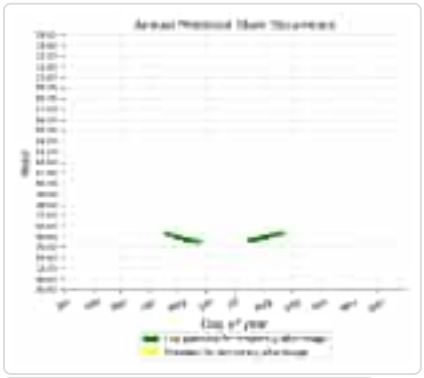


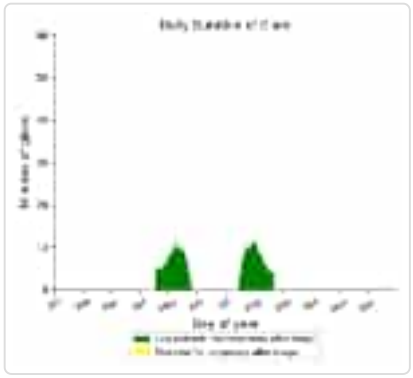


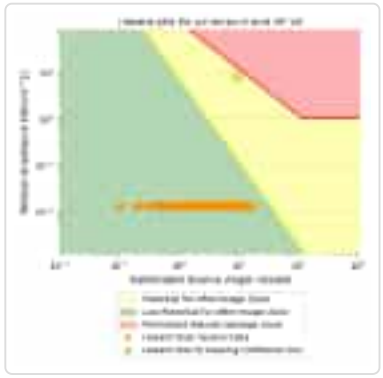
PV array 8: OP 28

PV array is expected to produce the following glare for this receptor:

- 560 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







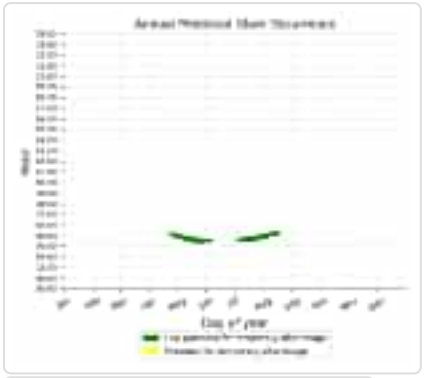
PV array 8: OP 29

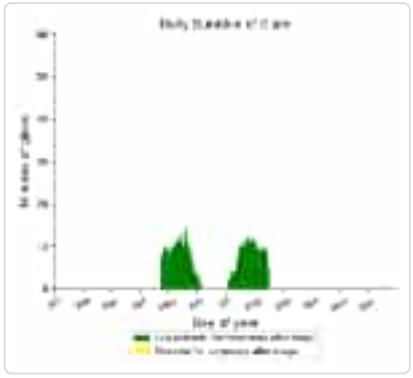
No glare found

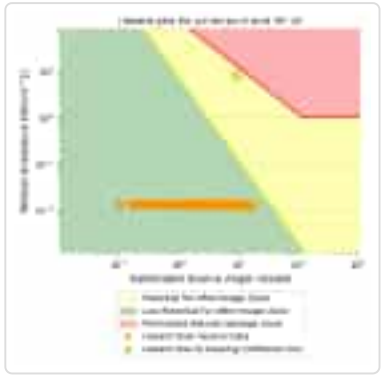
PV array 8: OP 30

PV array is expected to produce the following glare for this receptor:

- 762 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



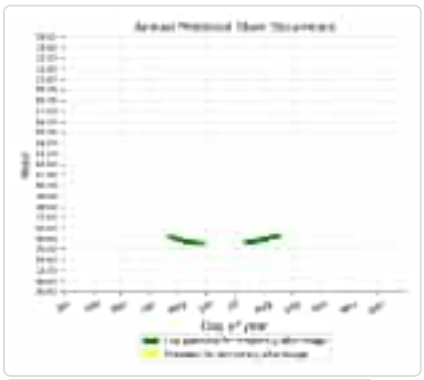


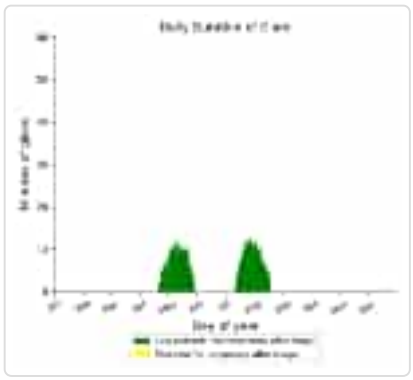


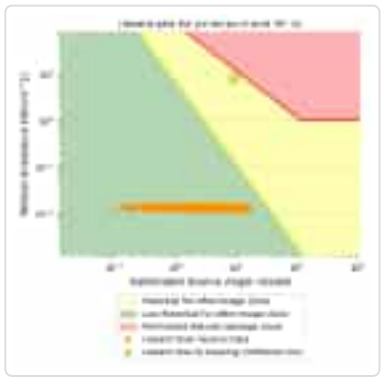
PV array 8: OP 31

PV array is expected to produce the following glare for this receptor:

- 637 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



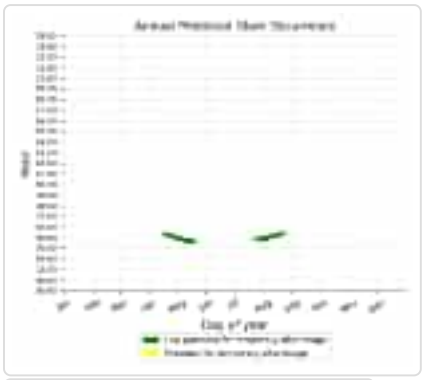


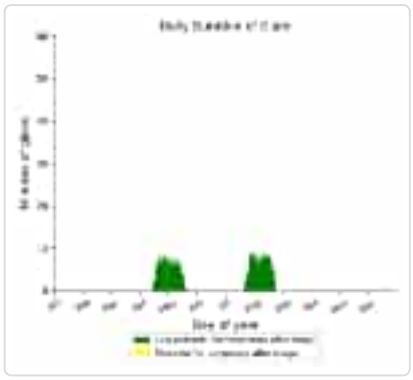


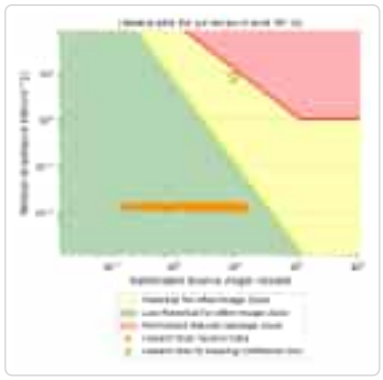
PV array 8: OP 32

PV array is expected to produce the following glare for this receptor:

- 431 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



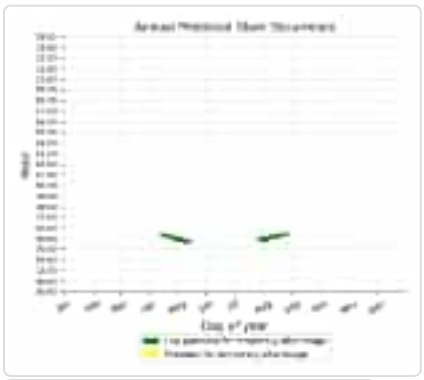


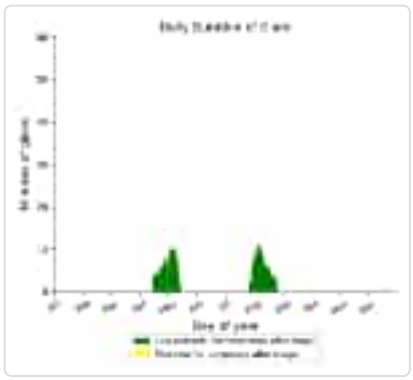


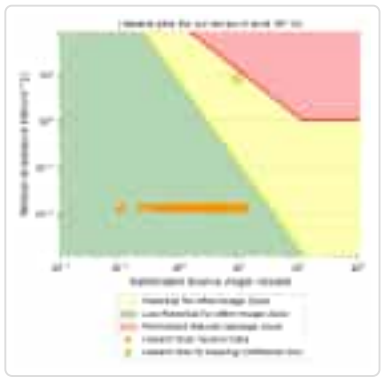
PV array 8: OP 33

PV array is expected to produce the following glare for this receptor:

- 392 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



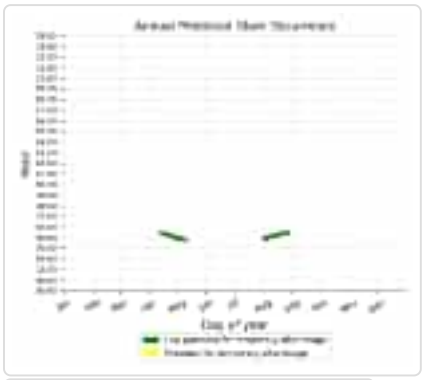


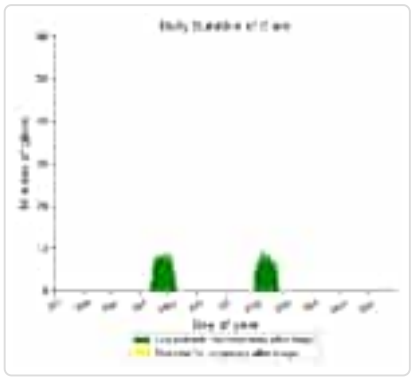


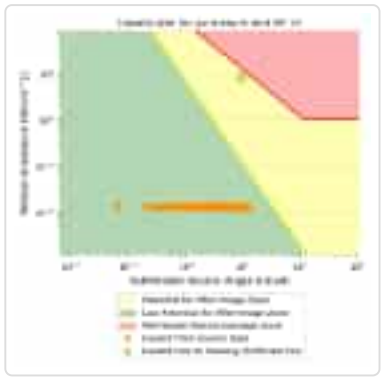
PV array 8: OP 34

PV array is expected to produce the following glare for this receptor:

- 376 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



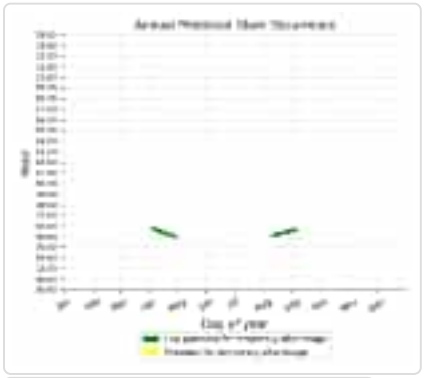


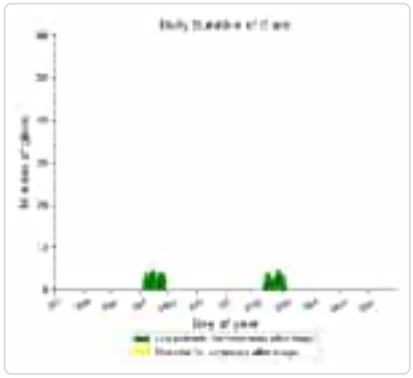


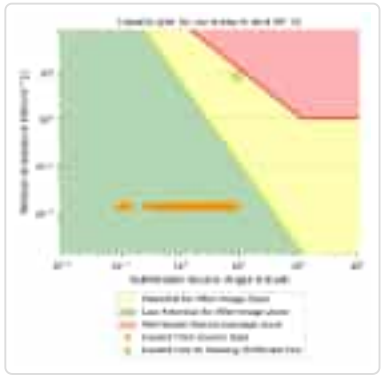
PV array 8: OP 35

PV array is expected to produce the following glare for this receptor:

- 180 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



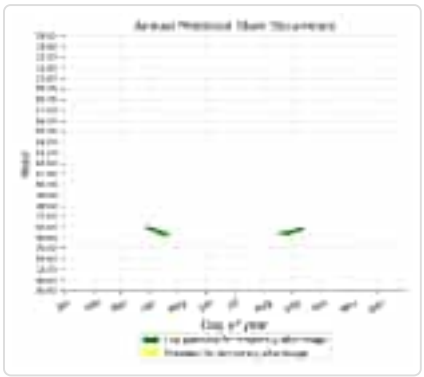


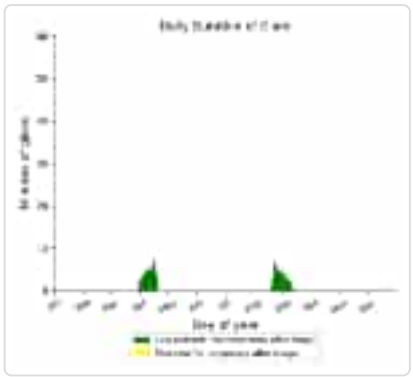


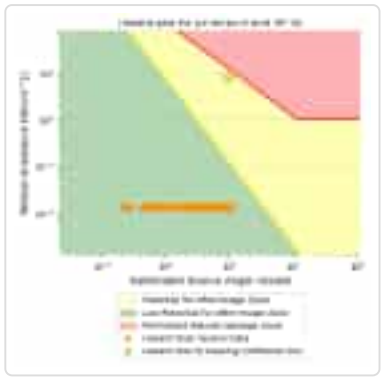
PV array 8: OP 36

PV array is expected to produce the following glare for this receptor:

- 180 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 8: OP 37

No glare found

PV array 8: OP 38

No glare found

PV array 8: OP 39

No glare found

PV array 8: OP 40

No glare found

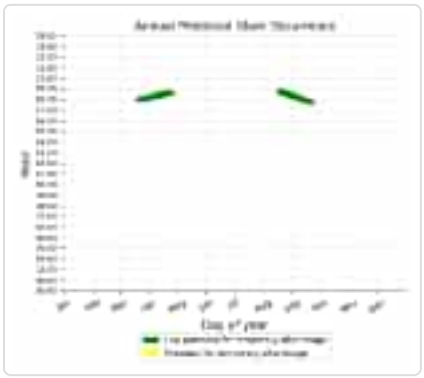
PV array 8: OP 41

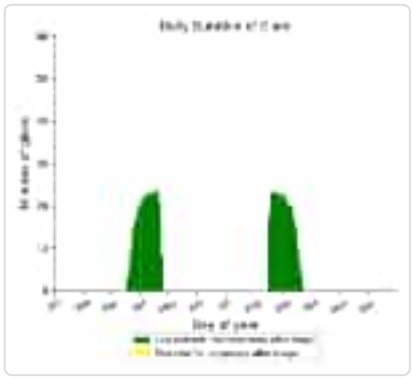
No glare found

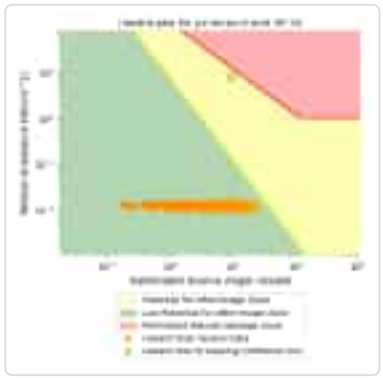
PV array 8: OP 42

PV array is expected to produce the following glare for this receptor:

- 1,403 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



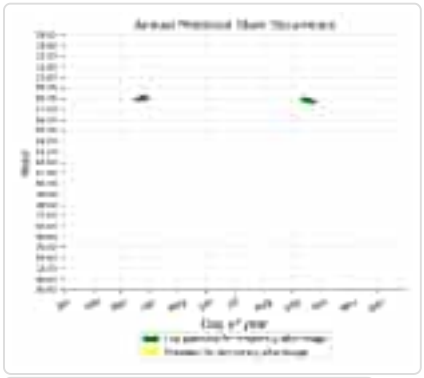


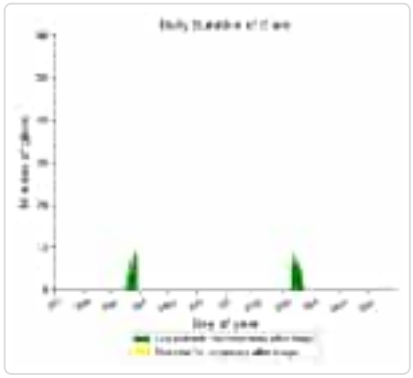


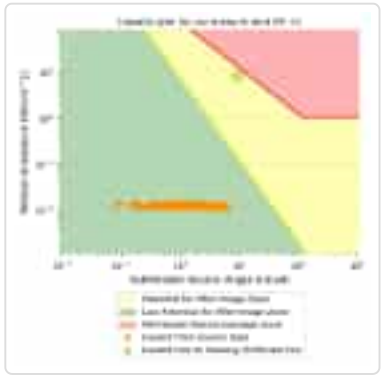
PV array 8: OP 43

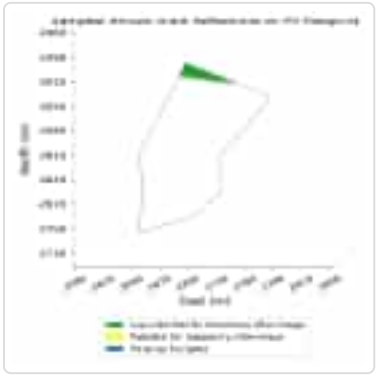
PV array is expected to produce the following glare for this receptor:

- 147 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 8: OP 44

No glare found

PV array 8: OP 45

No glare found

PV array 8: OP 46

No glare found

PV array 8: OP 47

No glare found

PV array 8: OP 48

No glare found

PV array 8: OP 49

No glare found

PV array 8: OP 50

No glare found

PV array 8: OP 51

No glare found

PV array 8: OP 52

No glare found

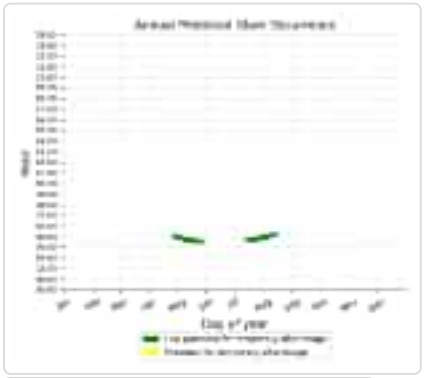
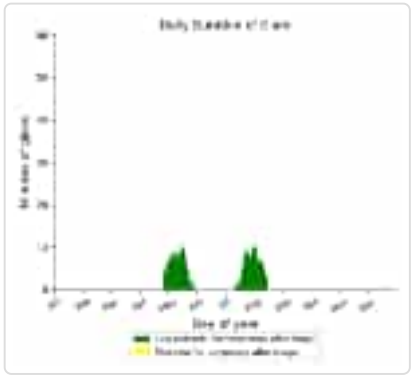
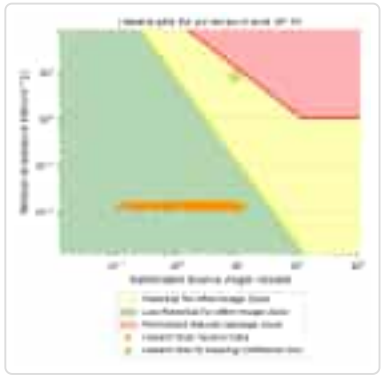
PV array 8: OP 53

No glare found

PV array 8: OP 54

PV array is expected to produce the following glare for this receptor:

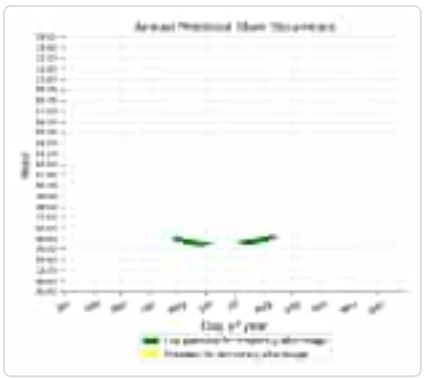
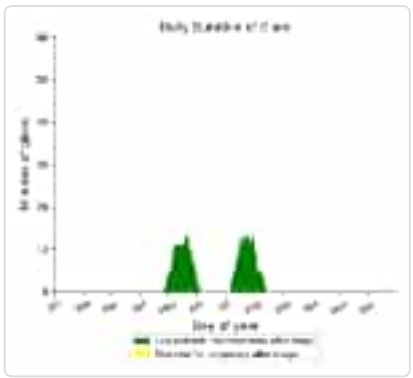
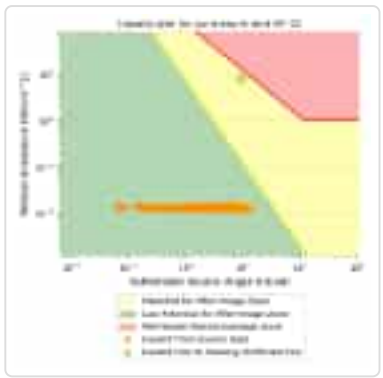
- 429 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 8: OP 55

PV array is expected to produce the following glare for this receptor:

- 627 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 8: OP 56

No glare found

PV array 8: OP 57

No glare found

PV array 8: OP 58

No glare found

PV array 8: OP 59

No glare found

PV array 8: OP 60

No glare found

PV array 8: OP 61

No glare found

PV array 8: OP 62

No glare found

PV array 8: OP 63

No glare found

PV array 8: OP 64

No glare found

PV array 8: OP 65

No glare found

PV array 8: OP 66

No glare found

PV array 8: OP 67

No glare found

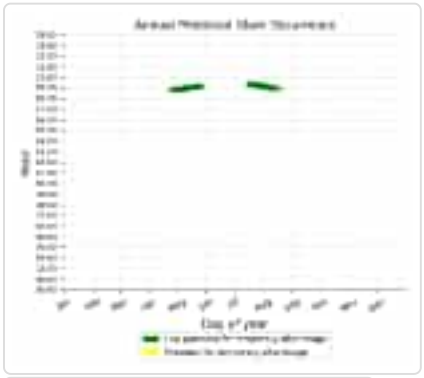
PV array 8: OP 68

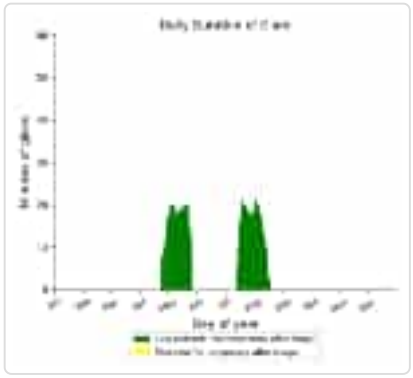
No glare found

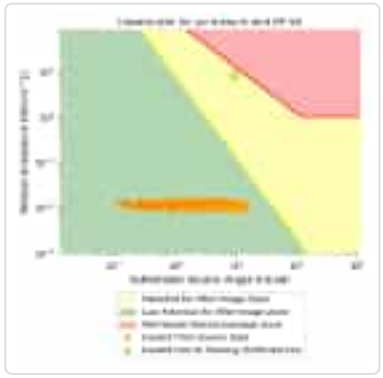
PV array 8: OP 69

PV array is expected to produce the following glare for this receptor:

- 1,142 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



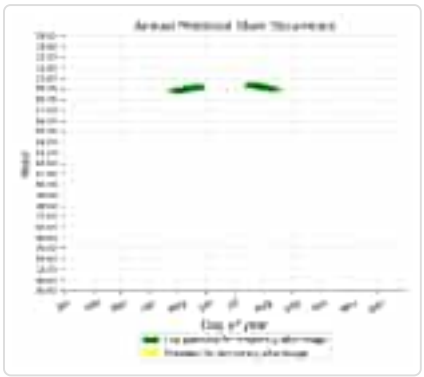


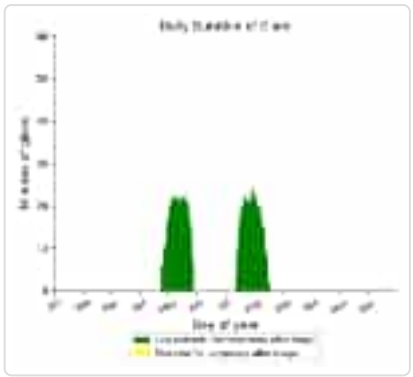


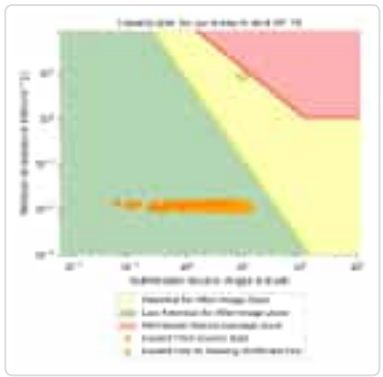
PV array 8: OP 70

PV array is expected to produce the following glare for this receptor:

- 1,244 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



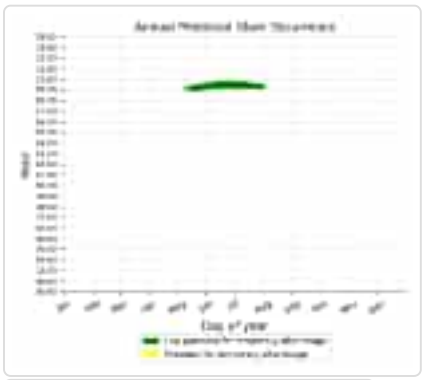


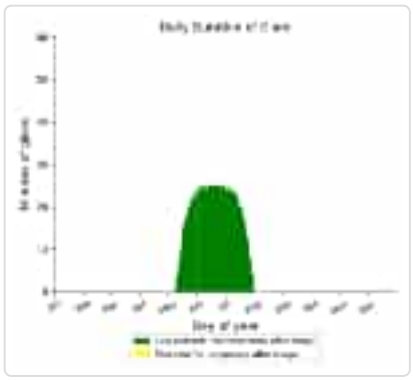


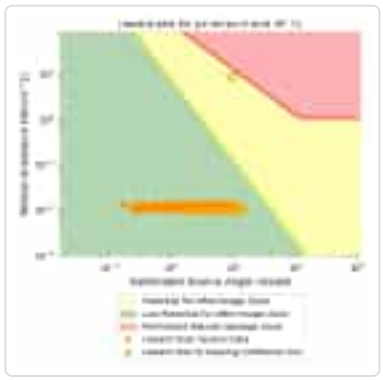
PV array 8: OP 71

PV array is expected to produce the following glare for this receptor:

- 1,675 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 8: OP 72

No glare found

PV array 8: OP 73

No glare found

PV array 8: OP 74

No glare found

PV array 8: OP 75

No glare found

PV array 8: OP 76

No glare found

PV array 8: OP 77

No glare found

PV array 8: OP 78

No glare found

PV array 8: OP 79

No glare found

PV array 8: OP 80

No glare found

PV array 9 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0

OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	150	0
OP: OP 55	246	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	788	0
OP: OP 59	2568	56
OP: OP 60	3123	107
OP: OP 61	2748	1
OP: OP 62	2148	0
OP: OP 63	1914	0
OP: OP 64	1162	0
OP: OP 65	497	0
OP: OP 66	1680	0
OP: OP 67	1678	0
OP: OP 68	1290	0
OP: OP 69	652	0
OP: OP 70	534	0
OP: OP 71	714	0
OP: OP 72	1722	0
OP: OP 73	1244	0
OP: OP 74	1136	0
OP: OP 75	1534	0
OP: OP 76	2032	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

PV array 9: OP 1

No glare found

PV array 9: OP 2

No glare found

PV array 9: OP 3

No glare found

PV array 9: OP 4

No glare found

PV array 9: OP 5

No glare found

PV array 9: OP 6

No glare found

PV array 9: OP 7

No glare found

PV array 9: OP 8

No glare found

PV array 9: OP 9

No glare found

PV array 9: OP 10

No glare found

PV array 9: OP 11

No glare found

PV array 9: OP 12

No glare found

PV array 9: OP 13

No glare found

PV array 9: OP 14

No glare found

PV array 9: OP 15

No glare found

PV array 9: OP 16

No glare found

PV array 9: OP 17

No glare found

PV array 9: OP 18

No glare found

PV array 9: OP 19

No glare found

PV array 9: OP 20

No glare found

PV array 9: OP 21

No glare found

PV array 9: OP 22

No glare found

PV array 9: OP 23

No glare found

PV array 9: OP 24

No glare found

PV array 9: OP 25

No glare found

PV array 9: OP 26

No glare found

PV array 9: OP 27

No glare found

PV array 9: OP 28

No glare found

PV array 9: OP 29

No glare found

PV array 9: OP 30

No glare found

PV array 9: OP 31

No glare found

PV array 9: OP 32

No glare found

PV array 9: OP 33

No glare found

PV array 9: OP 34

No glare found

PV array 9: OP 35

No glare found

PV array 9: OP 36

No glare found

PV array 9: OP 37

No glare found

PV array 9: OP 38

No glare found

PV array 9: OP 39

No glare found

PV array 9: OP 40

No glare found

PV array 9: OP 41

No glare found

PV array 9: OP 42

No glare found

PV array 9: OP 43

No glare found

PV array 9: OP 44

No glare found

PV array 9: OP 45

No glare found

PV array 9: OP 46

No glare found

PV array 9: OP 47

No glare found

PV array 9: OP 48

No glare found

PV array 9: OP 49

No glare found

PV array 9: OP 50

No glare found

PV array 9: OP 51

No glare found

PV array 9: OP 52

No glare found

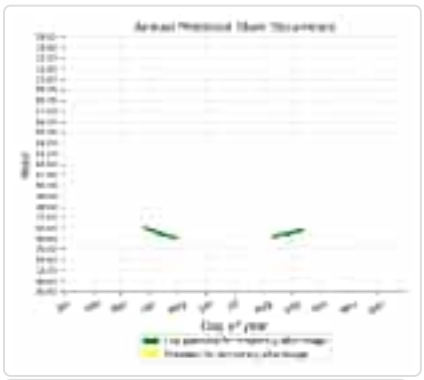
PV array 9: OP 53

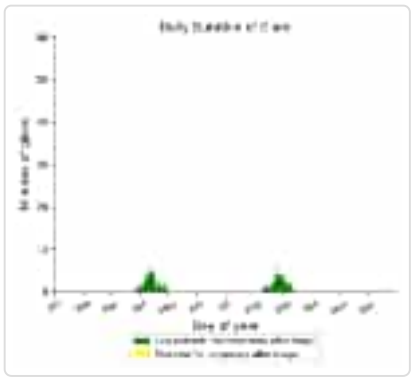
No glare found

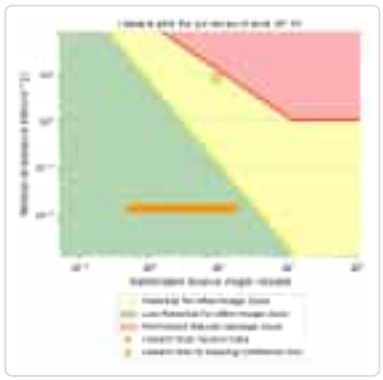
PV array 9: OP 54

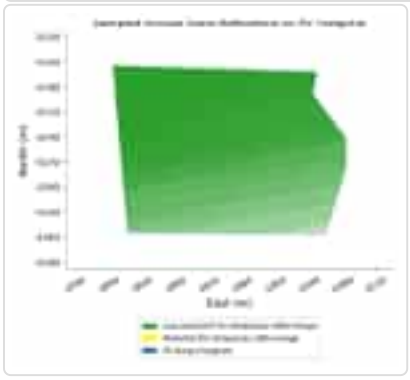
PV array is expected to produce the following glare for this receptor:

- 150 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





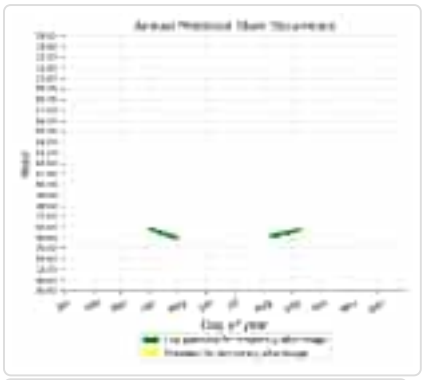


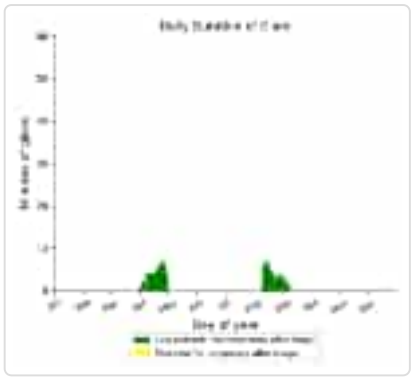


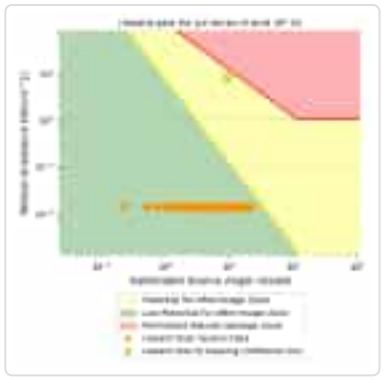
PV array 9: OP 55

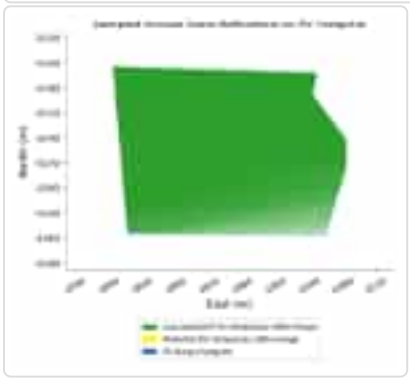
PV array is expected to produce the following glare for this receptor:

- 246 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 56

No glare found

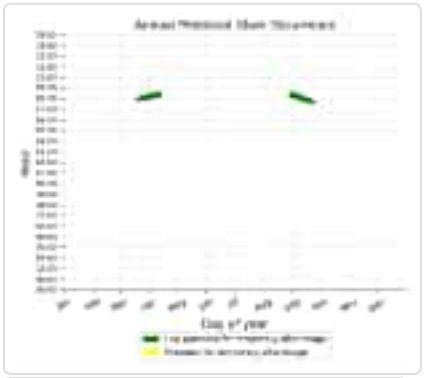
PV array 9: OP 57

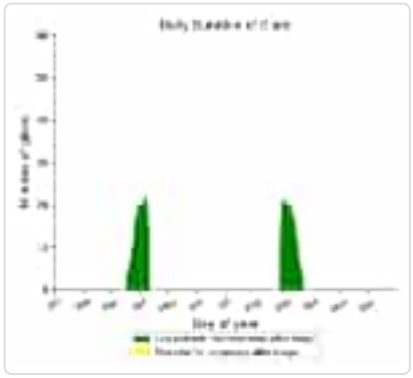
No glare found

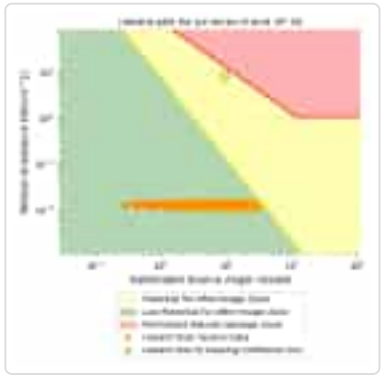
PV array 9: OP 58

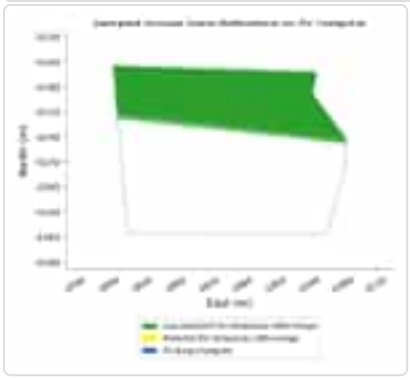
PV array is expected to produce the following glare for this receptor:

- 788 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





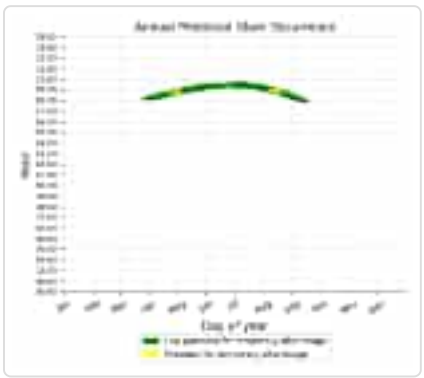


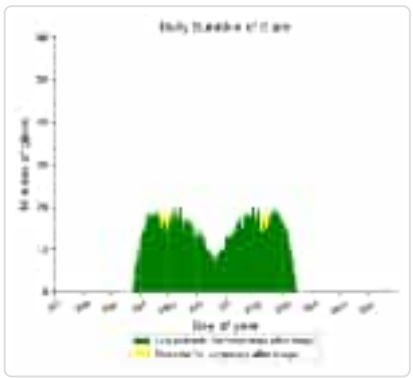


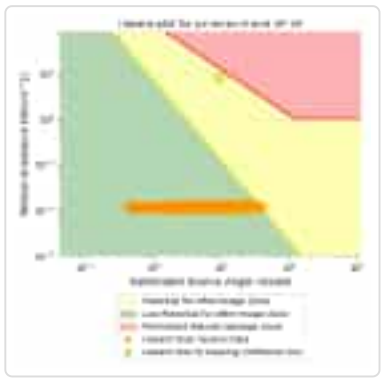
PV array 9: OP 59

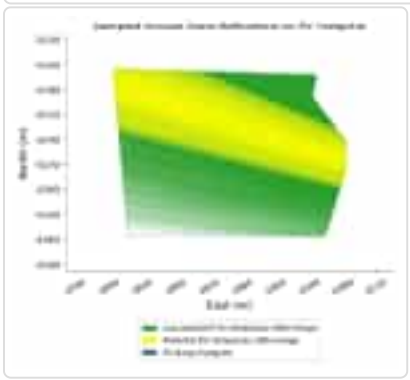
PV array is expected to produce the following glare for this receptor:

- 2,568 minutes of "green" glare with low potential to cause temporary after-image.
- 56 minutes of "yellow" glare with potential to cause temporary after-image.





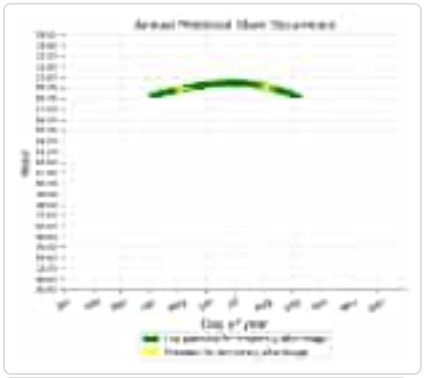


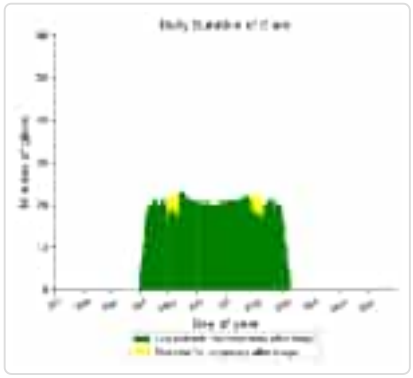


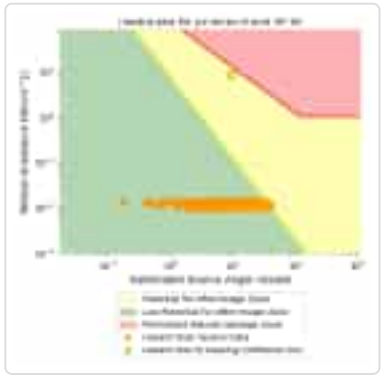
PV array 9: OP 60

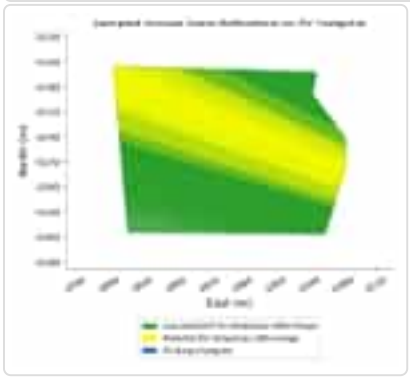
PV array is expected to produce the following glare for this receptor:

- 3,123 minutes of "green" glare with low potential to cause temporary after-image.
- 107 minutes of "yellow" glare with potential to cause temporary after-image.





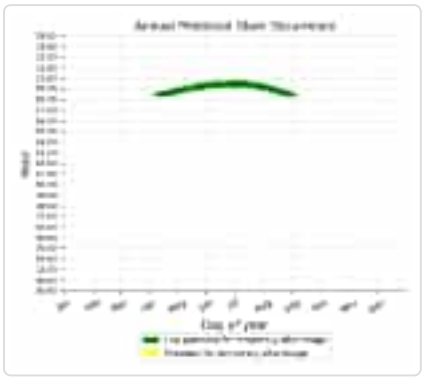


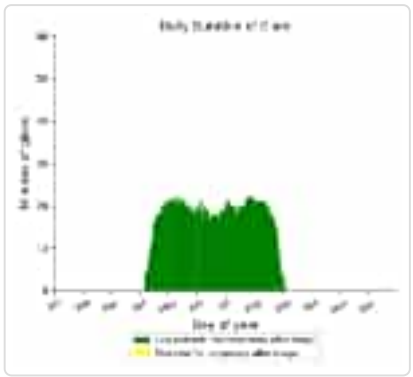


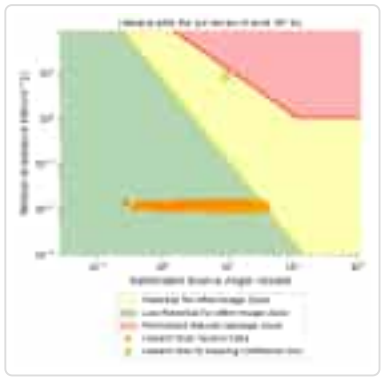
PV array 9: OP 61

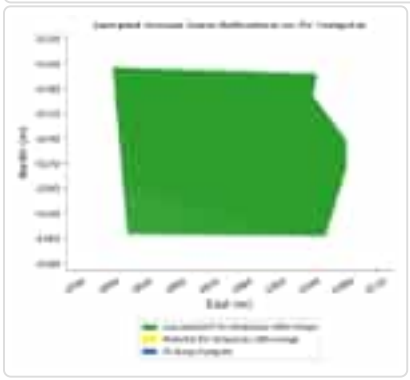
PV array is expected to produce the following glare for this receptor:

- 2,748 minutes of "green" glare with low potential to cause temporary after-image.
- 1 minutes of "yellow" glare with potential to cause temporary after-image.





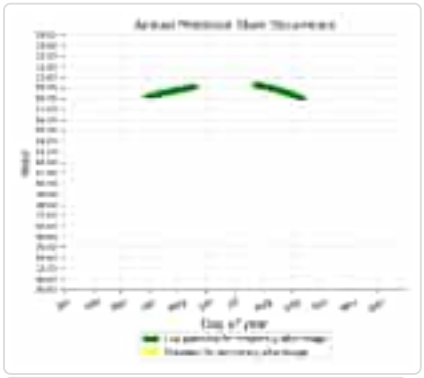


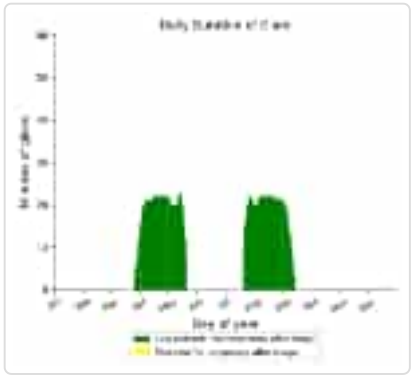


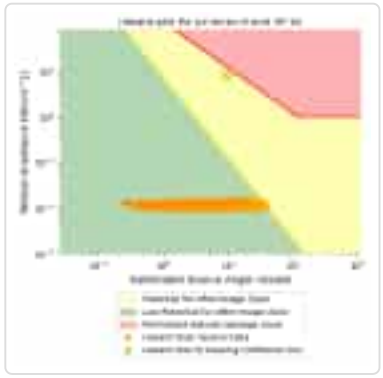
PV array 9: OP 62

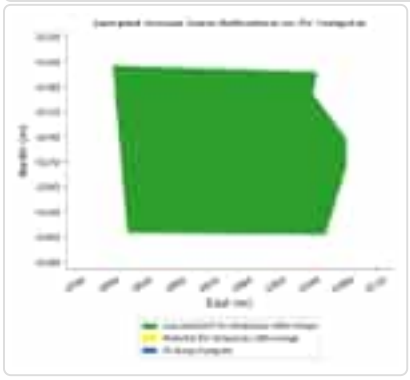
PV array is expected to produce the following glare for this receptor:

- 2,148 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





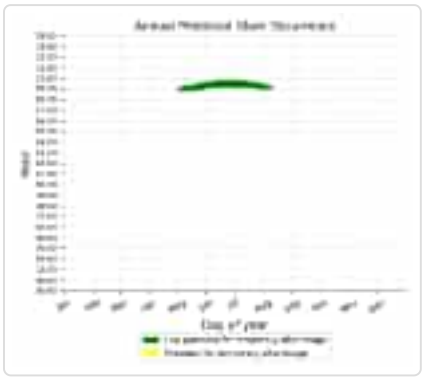


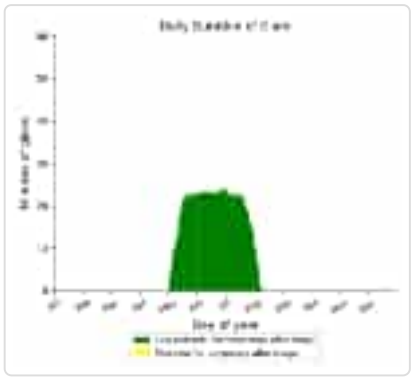


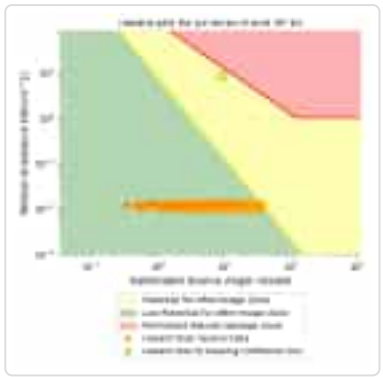
PV array 9: OP 63

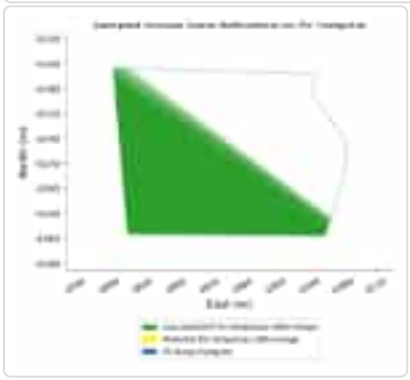
PV array is expected to produce the following glare for this receptor:

- 1,914 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





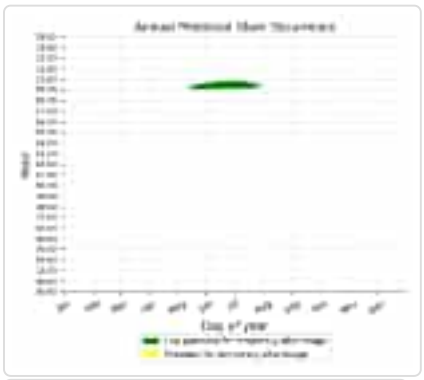


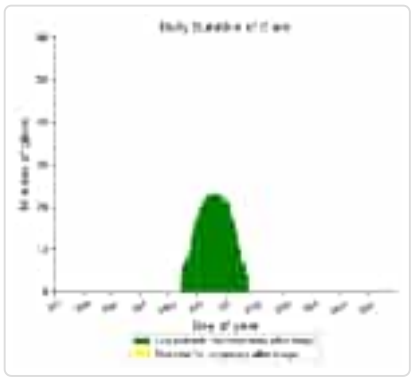


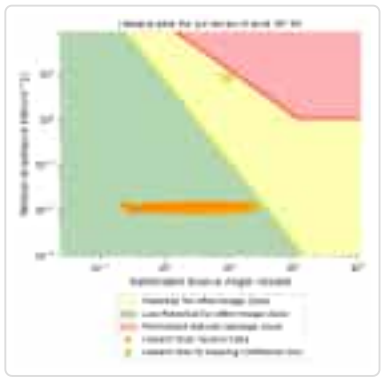
PV array 9: OP 64

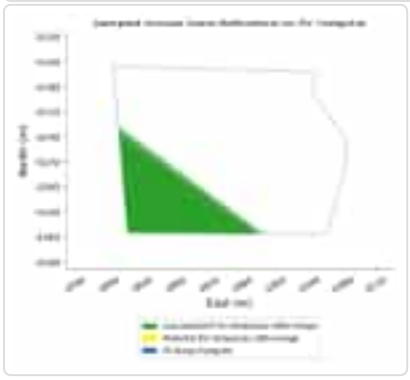
PV array is expected to produce the following glare for this receptor:

- 1,162 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





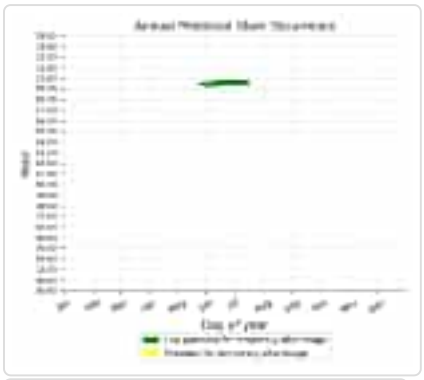


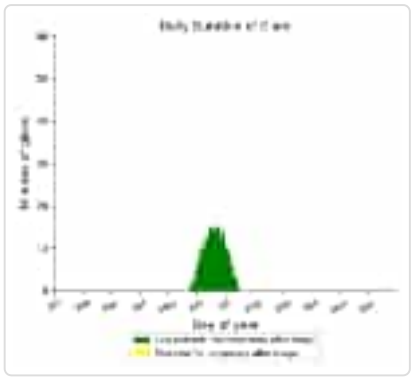


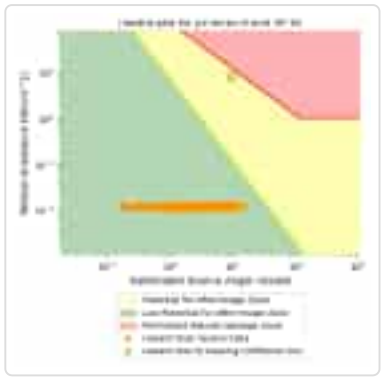
PV array 9: OP 65

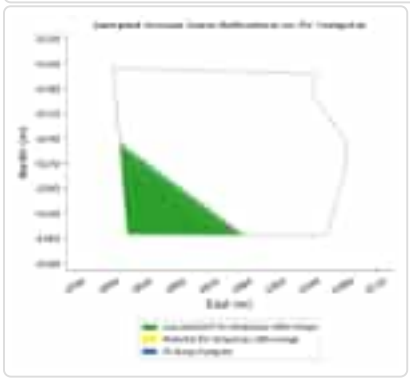
PV array is expected to produce the following glare for this receptor:

- 497 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





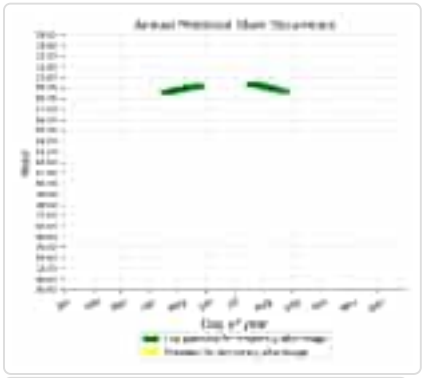


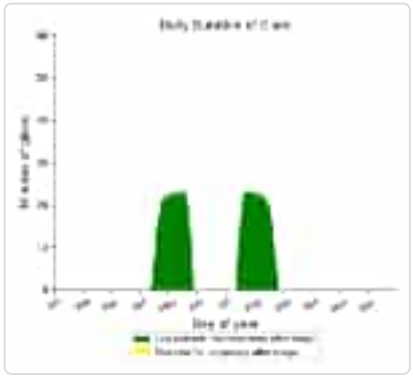


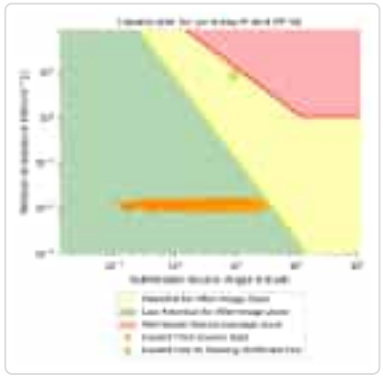
PV array 9: OP 66

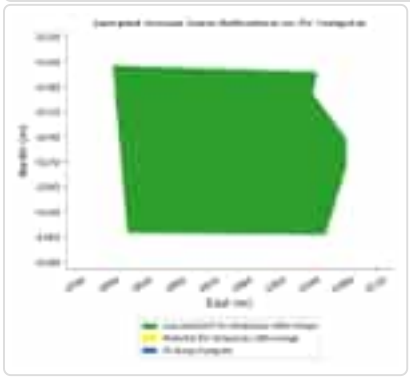
PV array is expected to produce the following glare for this receptor:

- 1,680 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





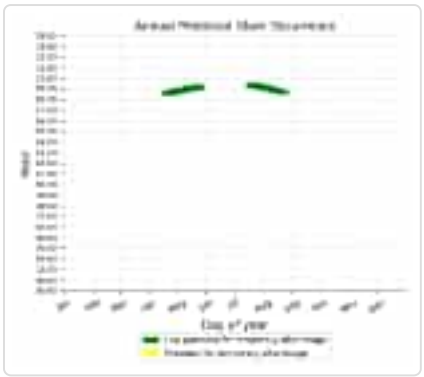


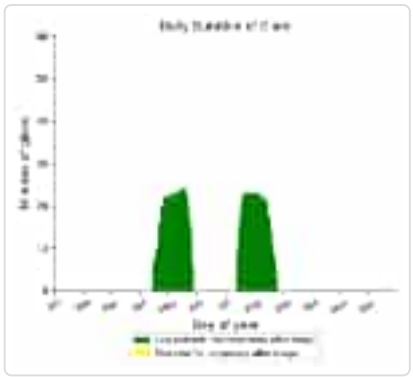


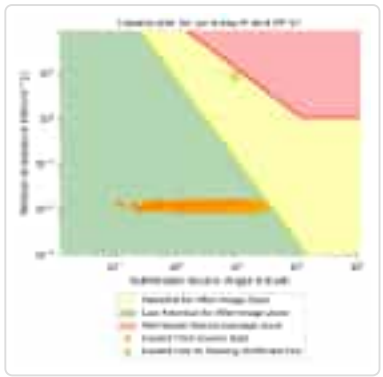
PV array 9: OP 67

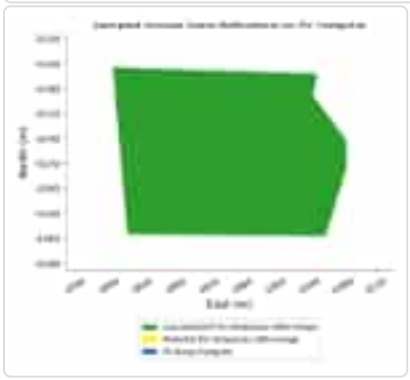
PV array is expected to produce the following glare for this receptor:

- 1,678 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





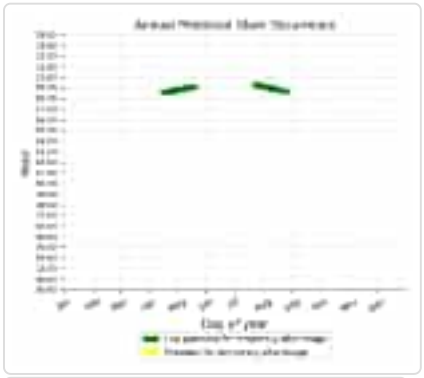


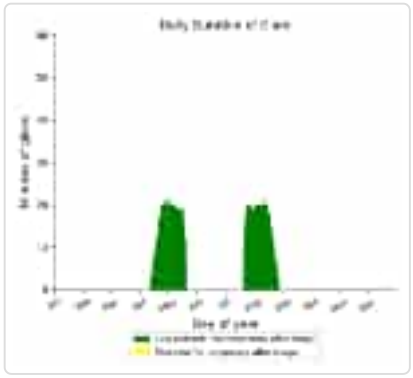


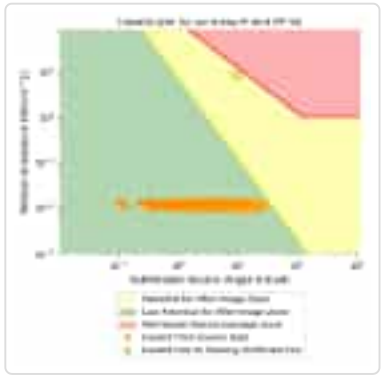
PV array 9: OP 68

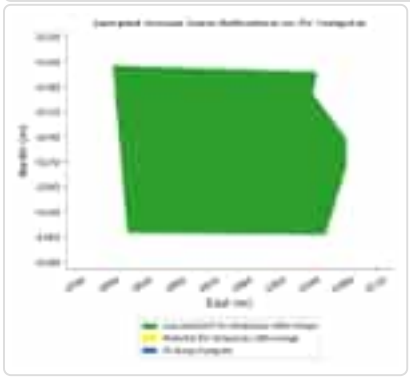
PV array is expected to produce the following glare for this receptor:

- 1,290 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





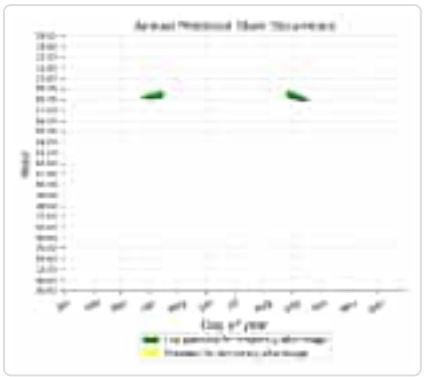


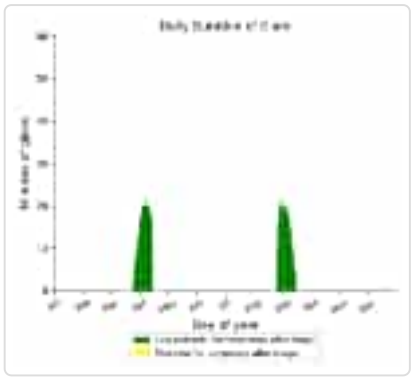


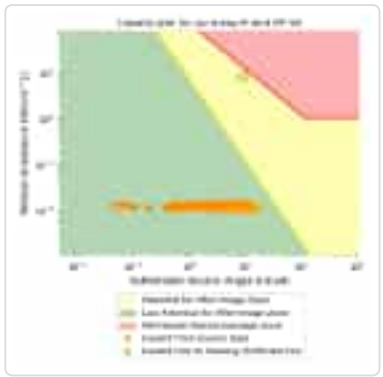
PV array 9: OP 69

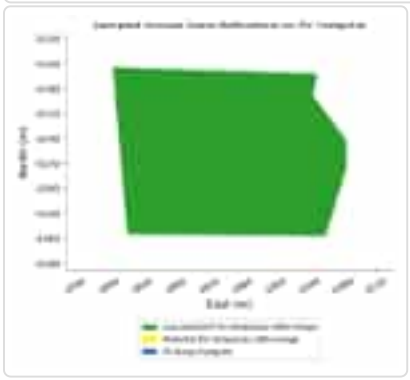
PV array is expected to produce the following glare for this receptor:

- 652 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





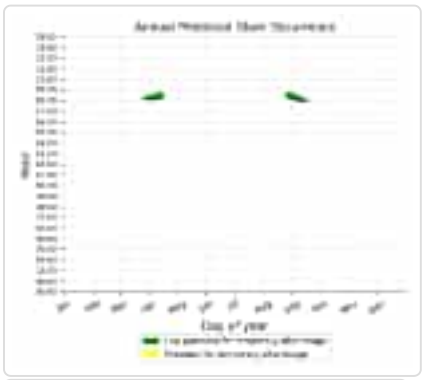


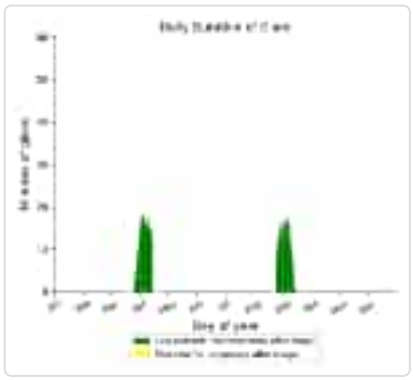


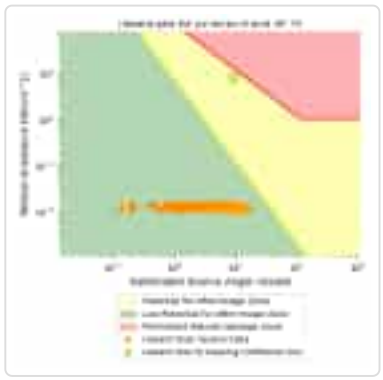
PV array 9: OP 70

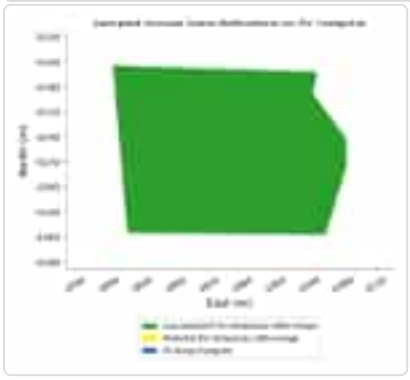
PV array is expected to produce the following glare for this receptor:

- 534 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





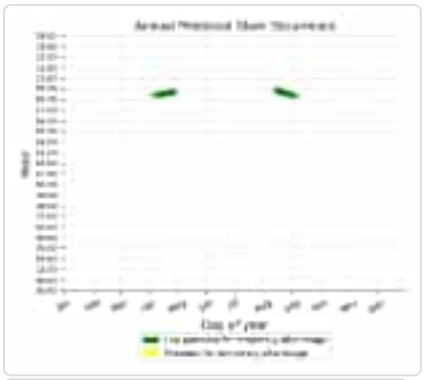


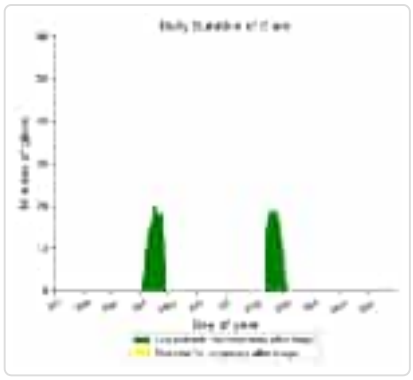


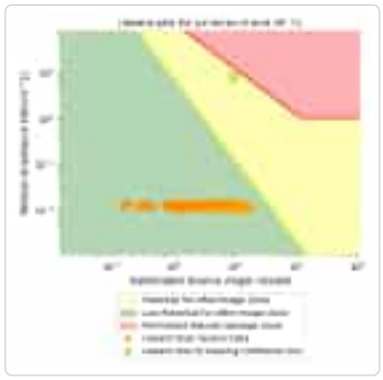
PV array 9: OP 71

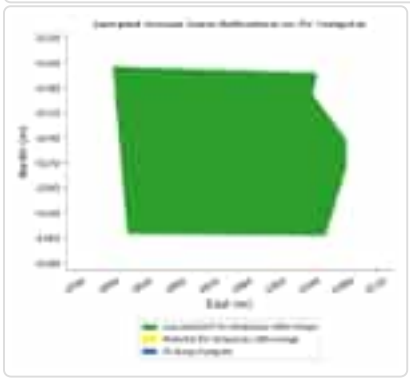
PV array is expected to produce the following glare for this receptor:

- 714 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





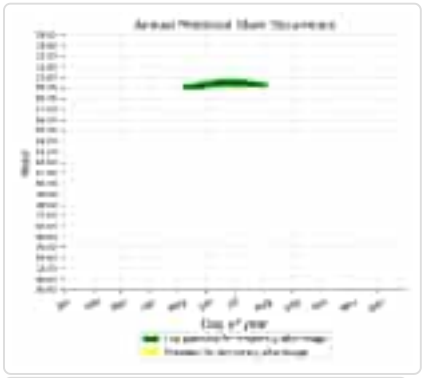


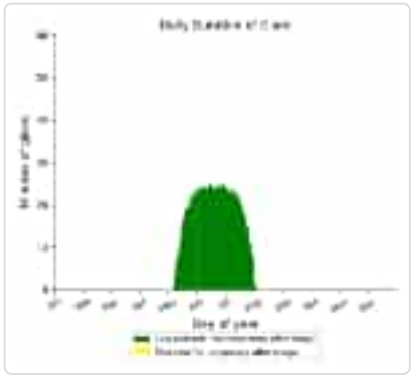


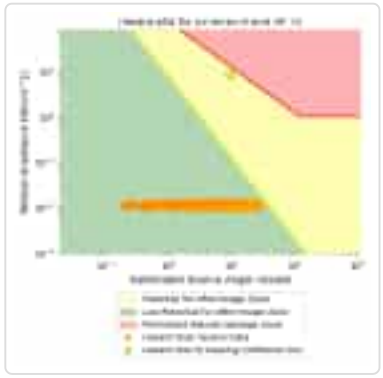
PV array 9: OP 72

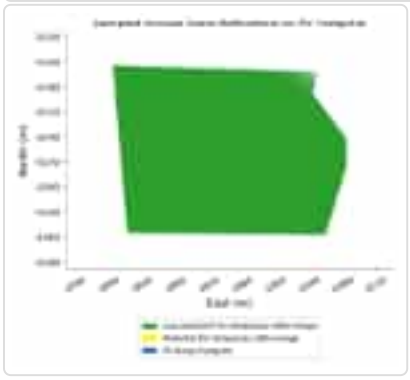
PV array is expected to produce the following glare for this receptor:

- 1,722 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





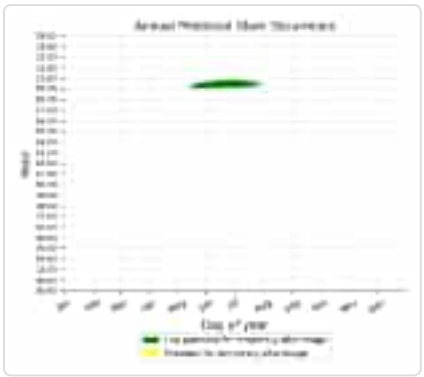


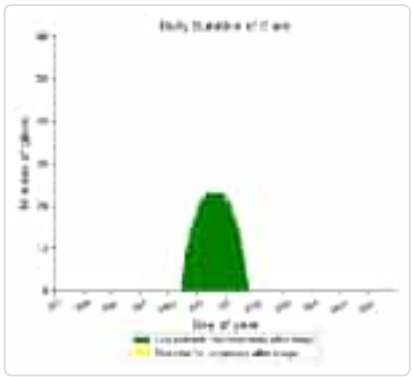


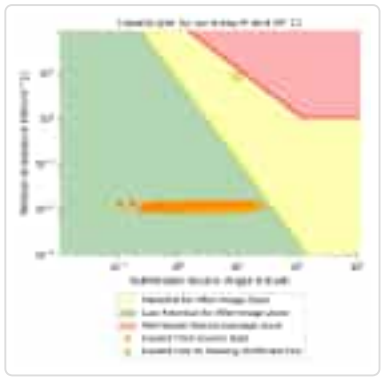
PV array 9: OP 73

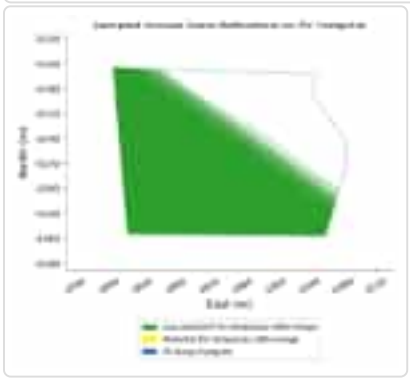
PV array is expected to produce the following glare for this receptor:

- 1,244 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





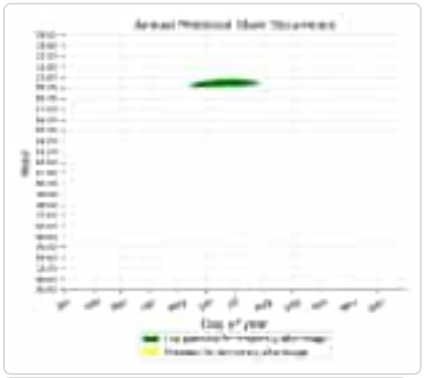


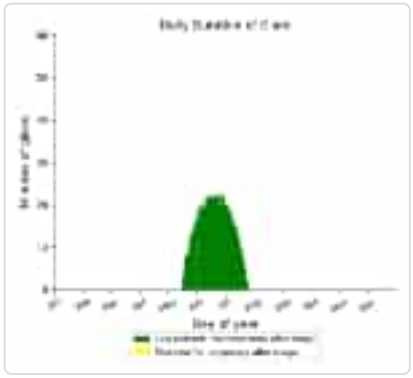


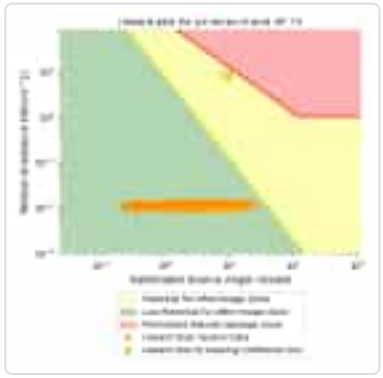
PV array 9: OP 74

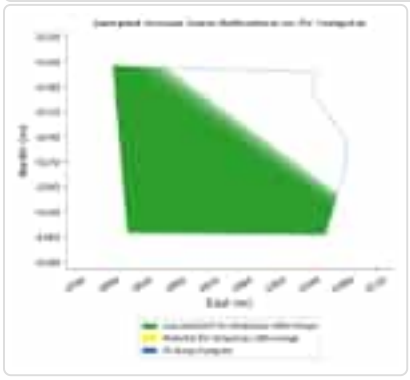
PV array is expected to produce the following glare for this receptor:

- 1,136 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





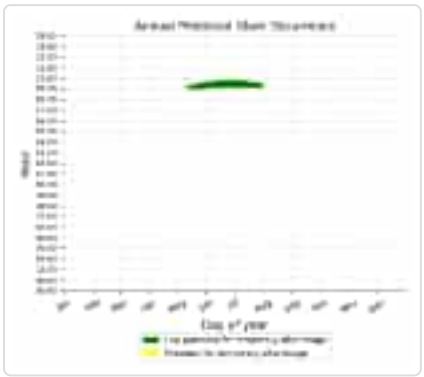


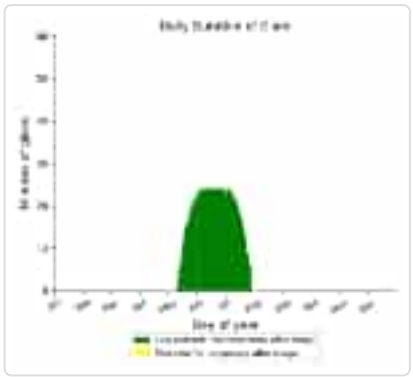


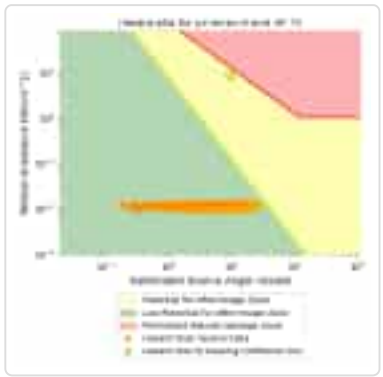
PV array 9: OP 75

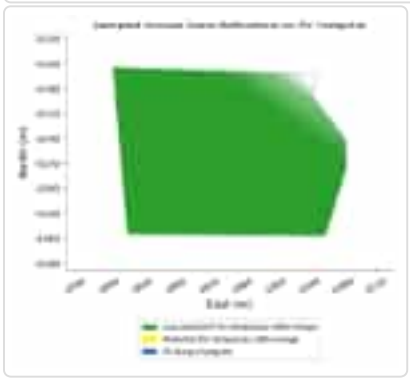
PV array is expected to produce the following glare for this receptor:

- 1,534 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





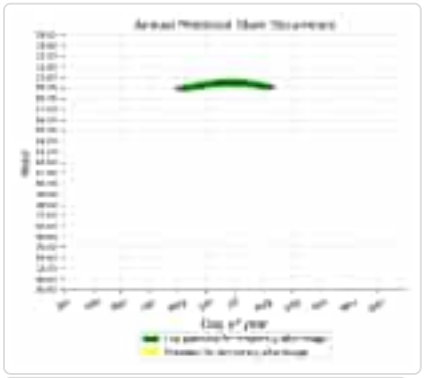


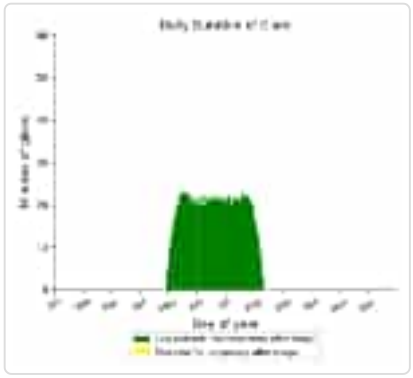


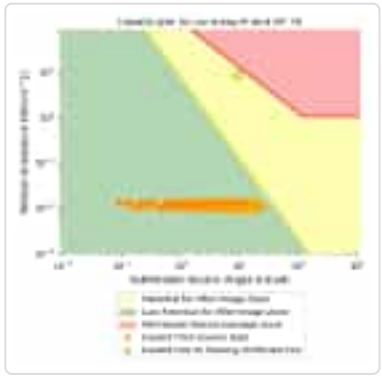
PV array 9: OP 76

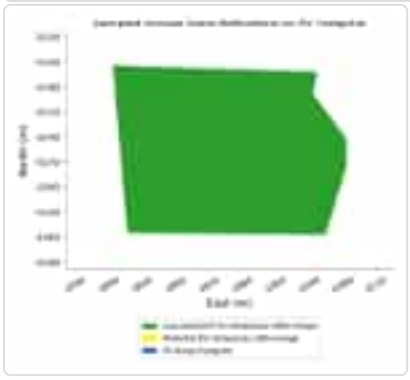
PV array is expected to produce the following glare for this receptor:

- 2,032 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 77

No glare found

PV array 9: OP 78

No glare found

PV array 9: OP 79

No glare found

PV array 9: OP 80

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Fosse Green Solar Farm

Fosse Green SF Res Group C 5 Degrees

Created Jan 12, 2024
Updated Sep 03, 2024
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 109559.18719

Project type Advanced
Project status: active
Category 10 MW to 100 MW

Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
PV array 1	5.0	180.0	0	0	-
PV array 10	5.0	180.0	631	0	-
PV array 11	5.0	180.0	26,486	517	-
PV array 12	5.0	180.0	46,124	0	-
PV array 13	5.0	180.0	82,806	19,435	-
PV array 14	5.0	180.0	34,193	377	-
PV array 15	5.0	180.0	51,279	1,961	-
PV array 2	5.0	180.0	0	0	-
PV array 3	5.0	180.0	137	0	-
PV array 4	5.0	180.0	0	0	-
PV array 5	5.0	180.0	0	0	-
PV array 6	5.0	180.0	0	0	-
PV array 7	5.0	180.0	863	0	-
PV array 8	5.0	180.0	0	0	-
PV array 9	5.0	180.0	8,682	0	-

Component Data

PV Array(s)

Total PV footprint area: 5,183,196 m^2

Name: PV array 1
Footprint area: 534,233 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.173327	-0.683693	15.22	3.50	18.72
2	53.171796	-0.684143	15.03	3.50	18.53
3	53.171552	-0.683478	15.19	3.50	18.69
4	53.171127	-0.682985	15.98	3.50	19.48
5	53.169712	-0.681805	15.00	3.50	18.50
6	53.168092	-0.681418	16.50	3.50	20.00
7	53.167989	-0.682362	16.00	3.50	19.50
8	53.167616	-0.682427	15.86	3.50	19.36
9	53.166844	-0.682749	16.00	3.50	19.50
10	53.166574	-0.682985	16.00	3.50	19.50
11	53.166123	-0.682920	16.00	3.50	19.50
12	53.166394	-0.680345	17.00	3.50	20.50
13	53.166741	-0.680410	16.40	3.50	19.90
14	53.166831	-0.679530	17.48	3.50	20.98
15	53.167320	-0.679659	17.17	3.50	20.67
16	53.167564	-0.677277	20.64	3.50	24.14
17	53.166522	-0.676741	20.78	3.50	24.28
18	53.164593	-0.675024	20.02	3.50	23.52
19	53.163010	-0.673672	18.14	3.50	21.64
20	53.162869	-0.672857	19.04	3.50	22.54
21	53.163088	-0.672084	19.80	3.50	23.30
22	53.163679	-0.671333	23.18	3.50	26.68
23	53.165403	-0.672857	27.63	3.50	31.13
24	53.165648	-0.671870	30.61	3.50	34.11
25	53.166458	-0.671269	32.00	3.50	35.50
26	53.166857	-0.671569	31.99	3.50	35.49
27	53.167847	-0.667406	24.66	3.50	28.16
28	53.169468	-0.666720	25.10	3.50	28.60
29	53.169031	-0.668608	27.89	3.50	31.39
30	53.169198	-0.670067	30.98	3.50	34.48
31	53.169982	-0.673629	26.94	3.50	30.44
32	53.170246	-0.673758	26.58	3.50	30.08
33	53.171294	-0.673125	28.40	3.50	31.90
34	53.171745	-0.672299	30.82	3.50	34.32
35	53.172105	-0.674048	26.50	3.50	30.00
36	53.171674	-0.675957	22.65	3.50	26.15
37	53.171507	-0.677599	22.08	3.50	25.58
38	53.171629	-0.678414	22.99	3.50	26.49
39	53.171918	-0.678833	24.21	3.50	27.71
40	53.171809	-0.679283	22.62	3.50	26.12
41	53.171449	-0.679391	20.48	3.50	23.98
42	53.170838	-0.677985	18.51	3.50	22.01
43	53.170593	-0.678028	17.96	3.50	21.46
44	53.170606	-0.678200	17.83	3.50	21.33
45	53.171372	-0.679906	19.18	3.50	22.68
46	53.171249	-0.681719	17.42	3.50	20.92
47	53.171378	-0.681955	17.27	3.50	20.77
48	53.171333	-0.682395	16.56	3.50	20.06
49	53.171597	-0.682502	16.79	3.50	20.29
50	53.173384	-0.681622	18.75	3.50	22.25

Name: PV array 10
Footprint area: 185,320 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.150798	-0.633966	8.64	3.50	12.14
2	53.150219	-0.635436	8.34	3.50	11.84
3	53.150026	-0.636744	8.28	3.50	11.78
4	53.148983	-0.636744	9.89	3.50	13.39
5	53.148803	-0.636862	10.13	3.50	13.63
6	53.148829	-0.637045	9.76	3.50	13.26
7	53.147420	-0.637957	10.19	3.50	13.69
8	53.146461	-0.637796	10.65	3.50	14.15
9	53.146126	-0.637302	11.44	3.50	14.94
10	53.145875	-0.635146	9.74	3.50	13.24
11	53.145566	-0.635264	9.14	3.50	12.64
12	53.145451	-0.635843	9.42	3.50	12.92
13	53.145142	-0.635951	9.94	3.50	13.44
14	53.144987	-0.634910	11.54	3.50	15.04
15	53.144637	-0.634278	12.00	3.50	15.50
16	53.143968	-0.633344	12.41	3.50	15.91
17	53.144200	-0.633280	11.84	3.50	15.34
18	53.144953	-0.632754	9.97	3.50	13.47
19	53.145828	-0.631949	10.31	3.50	13.81
20	53.146497	-0.631509	11.15	3.50	14.65
21	53.147668	-0.633848	12.51	3.50	16.01
22	53.148395	-0.633344	12.81	3.50	16.31
23	53.148254	-0.632947	13.08	3.50	16.58
24	53.148910	-0.632035	13.05	3.50	16.55
25	53.149148	-0.632604	13.03	3.50	16.53
26	53.149631	-0.631853	12.49	3.50	15.99

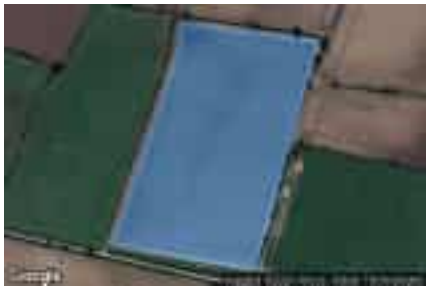
Name: PV array 11
Footprint area: 717,731 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.148506	-0.631749	13.14	3.50	16.64
2	53.147850	-0.632704	12.97	3.50	16.47
3	53.147683	-0.632715	12.37	3.50	15.87
4	53.146640	-0.630945	11.20	3.50	14.70
5	53.146396	-0.630848	12.22	3.50	15.72
6	53.145637	-0.631266	12.28	3.50	15.78
7	53.144343	-0.632565	11.04	3.50	14.54
8	53.142046	-0.627951	13.11	3.50	16.61
9	53.141524	-0.626084	12.34	3.50	15.84
10	53.138596	-0.627329	13.83	3.50	17.33
11	53.138454	-0.627232	13.48	3.50	16.98
12	53.137051	-0.628370	12.96	3.50	16.46
13	53.137154	-0.629056	13.21	3.50	16.71
14	53.135919	-0.628649	14.19	3.50	17.69
15	53.135771	-0.627640	12.78	3.50	16.28
16	53.134593	-0.628456	13.03	3.50	16.53
17	53.134464	-0.624700	12.77	3.50	16.27
18	53.134618	-0.624700	12.76	3.50	16.26
19	53.134631	-0.624990	12.76	3.50	16.26
20	53.135655	-0.624947	12.58	3.50	16.08
21	53.135758	-0.626331	11.86	3.50	15.36
22	53.136112	-0.626567	11.92	3.50	15.42
23	53.136549	-0.625162	10.74	3.50	14.24
24	53.136717	-0.625055	10.13	3.50	13.63
25	53.136652	-0.624636	10.38	3.50	13.88
26	53.137450	-0.624089	10.03	3.50	13.53
27	53.135830	-0.616790	7.11	3.50	10.61
28	53.136200	-0.615960	6.99	3.50	10.49
29	53.137240	-0.614930	7.15	3.50	10.65
30	53.137620	-0.615710	7.24	3.50	10.74
31	53.137860	-0.615550	7.38	3.50	10.88
32	53.137990	-0.614790	7.14	3.50	10.64
33	53.139105	-0.617426	7.93	3.50	11.43
34	53.139800	-0.619754	11.05	3.50	14.55
35	53.141717	-0.618682	9.38	3.50	12.88
36	53.142129	-0.620227	11.21	3.50	14.71
37	53.142007	-0.620323	10.80	3.50	14.30
38	53.142541	-0.622211	11.19	3.50	14.69
39	53.144034	-0.620784	11.76	3.50	15.26
40	53.144607	-0.623563	11.92	3.50	15.42
41	53.145591	-0.624582	12.63	3.50	16.13
42	53.145044	-0.625248	12.90	3.50	16.40
43	53.145077	-0.625666	12.28	3.50	15.78
44	53.146634	-0.628348	11.72	3.50	15.22
45	53.146808	-0.628220	12.16	3.50	15.66
46	53.148268	-0.630762	12.11	3.50	15.61
47	53.148101	-0.631030	11.92	3.50	15.42

Name: PV array 12
Footprint area: 73,115 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.136228	-0.613414	8.07	3.50	11.57
2	53.135854	-0.613478	8.46	3.50	11.96
3	53.133222	-0.614980	9.82	3.50	13.32
4	53.132887	-0.611772	10.64	3.50	14.14
5	53.135977	-0.610335	9.13	3.50	12.63

Name: PV array 13
Footprint area: 737,059 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.135585	-0.658160	11.48	3.50	14.98
2	53.136461	-0.665906	14.75	3.50	18.25
3	53.130642	-0.667945	14.56	3.50	18.06
4	53.130333	-0.666357	13.81	3.50	17.31
5	53.128440	-0.666872	14.86	3.50	18.36
6	53.128582	-0.668717	14.77	3.50	18.27
7	53.128273	-0.668782	14.57	3.50	18.07
8	53.128131	-0.667301	14.49	3.50	17.99
9	53.125730	-0.667666	13.07	3.50	16.57
10	53.125710	-0.667945	12.94	3.50	16.44
11	53.124455	-0.667505	13.19	3.50	16.69
12	53.124558	-0.666711	12.70	3.50	16.20
13	53.123380	-0.665788	11.31	3.50	14.81
14	53.123457	-0.665370	11.00	3.50	14.50
15	53.123122	-0.665220	12.04	3.50	15.54
16	53.123476	-0.663514	13.15	3.50	16.65
17	53.124365	-0.661776	13.29	3.50	16.79
18	53.124571	-0.660832	13.96	3.50	17.46
19	53.125067	-0.660220	13.10	3.50	16.60
20	53.126410	-0.656650	11.66	3.50	15.16
21	53.126650	-0.656260	11.38	3.50	14.88
22	53.126960	-0.656270	11.65	3.50	15.15
23	53.127180	-0.656070	12.25	3.50	15.75
24	53.127600	-0.659050	12.08	3.50	15.58
25	53.128790	-0.658920	13.52	3.50	17.02
26	53.129280	-0.661440	14.94	3.50	18.44
27	53.131090	-0.659840	14.90	3.50	18.40
28	53.131520	-0.659500	14.40	3.50	17.90
29	53.132320	-0.658860	12.70	3.50	16.20
30	53.133327	-0.657930	12.71	3.50	16.21
31	53.133345	-0.658664	11.01	3.50	14.51

Name: PV array 14
Footprint area: 209,954 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132660	-0.653180	10.42	3.50	13.92
2	53.132070	-0.653360	10.23	3.50	13.73
3	53.131511	-0.653075	11.28	3.50	14.78
4	53.130770	-0.652409	10.38	3.50	13.88
5	53.130352	-0.650049	9.94	3.50	13.44
6	53.130095	-0.649556	9.85	3.50	13.35
7	53.130275	-0.649255	10.71	3.50	14.21
8	53.132390	-0.648020	11.38	3.50	14.88
9	53.133030	-0.650850	12.02	0.00	12.02
9	53.133030	-0.650850	12.02	0.00	12.02
9	53.133030	-0.650850	12.02	0.00	12.02
9	53.133030	-0.650850	12.02	0.00	12.02
9	53.133030	-0.650850	12.02	0.00	12.02
9	53.133030	-0.650850	12.02	0.00	12.02
10	53.136270	-0.648960	10.09	0.00	10.09
10	53.136270	-0.648960	10.09	0.00	10.09
10	53.136270	-0.648960	10.09	0.00	10.09
10	53.136270	-0.648960	10.09	0.00	10.09
10	53.136270	-0.648960	10.09	0.00	10.09
10	53.136270	-0.648960	10.09	0.00	10.09
11	53.136080	-0.645870	9.77	0.00	9.77
11	53.136080	-0.645870	9.77	0.00	9.77
11	53.136080	-0.645870	9.77	0.00	9.77
11	53.136080	-0.645870	9.77	0.00	9.77
11	53.136080	-0.645870	9.77	0.00	9.77
11	53.136080	-0.645870	9.77	0.00	9.77
12	53.137430	-0.645210	9.73	0.00	9.73
12	53.137430	-0.645210	9.73	0.00	9.73
12	53.137430	-0.645210	9.73	0.00	9.73
12	53.137430	-0.645210	9.73	0.00	9.73
12	53.137430	-0.645210	9.73	0.00	9.73
12	53.137430	-0.645210	9.73	0.00	9.73
13	53.137750	-0.648600	9.23	0.00	9.23
13	53.137750	-0.648600	9.23	0.00	9.23
13	53.137750	-0.648600	9.23	0.00	9.23
13	53.137750	-0.648600	9.23	0.00	9.23
13	53.137750	-0.648600	9.23	0.00	9.23
13	53.137750	-0.648600	9.23	0.00	9.23
14	53.137580	-0.648830	9.22	0.00	9.22
14	53.137580	-0.648830	9.22	0.00	9.22
14	53.137580	-0.648830	9.22	0.00	9.22
14	53.137580	-0.648830	9.22	0.00	9.22
14	53.137580	-0.648830	9.22	0.00	9.22
14	53.137580	-0.648830	9.22	0.00	9.22
15	53.138060	-0.652120	9.08	0.00	9.08
15	53.138060	-0.652120	9.08	0.00	9.08
15	53.138060	-0.652120	9.08	0.00	9.08
15	53.138060	-0.652120	9.08	0.00	9.08
15	53.138060	-0.652120	9.08	0.00	9.08
15	53.138060	-0.652120	9.08	0.00	9.08
16	53.137820	-0.652230	9.58	0.00	9.58
16	53.137820	-0.652230	9.58	0.00	9.58
16	53.137820	-0.652230	9.58	0.00	9.58
16	53.137820	-0.652230	9.58	0.00	9.58
16	53.137820	-0.652230	9.58	0.00	9.58
16	53.137820	-0.652230	9.58	0.00	9.58
17	53.137750	-0.652040	9.56	0.00	9.56
17	53.137750	-0.652040	9.56	0.00	9.56
17	53.137750	-0.652040	9.56	0.00	9.56
17	53.137750	-0.652040	9.56	0.00	9.56
17	53.137750	-0.652040	9.56	0.00	9.56
17	53.137750	-0.652040	9.56	0.00	9.56
18	53.135890	-0.651840	9.88	0.00	9.88
18	53.135890	-0.651840	9.88	0.00	9.88

18	53.135890	-0.651840	9.88	0.00	9.88
18	53.135890	-0.651840	9.88	0.00	9.88
18	53.135890	-0.651840	9.88	0.00	9.88
18	53.135890	-0.651840	9.88	0.00	9.88

Name: PV array 15
Footprint area: 78,226 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132772	-0.647378	9.94	3.50	13.44
2	53.130056	-0.648847	10.80	3.50	14.30
3	53.129882	-0.649255	9.89	3.50	13.39
4	53.129303	-0.648847	10.80	3.50	14.30
5	53.128942	-0.648858	10.87	3.50	14.37
6	53.128884	-0.648418	11.51	3.50	15.01
7	53.128311	-0.648386	11.43	3.50	14.93
8	53.128105	-0.646884	11.40	3.50	14.90
9	53.130622	-0.645758	10.83	3.50	14.33
10	53.130700	-0.646122	11.65	3.50	15.15
11	53.131298	-0.645768	10.18	3.50	13.68
12	53.132410	-0.645330	9.00	3.50	12.50

Name: PV array 2
Footprint area: 606,601 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.179699	-0.666763	17.74	3.50	21.24
2	53.179108	-0.670067	20.15	3.50	23.65
3	53.176523	-0.668029	19.69	3.50	23.19
4	53.174220	-0.666891	26.06	3.50	29.56
5	53.174465	-0.660669	17.80	3.50	21.30
6	53.172497	-0.660755	16.16	3.50	19.66
7	53.172510	-0.661355	17.14	3.50	20.64
8	53.172960	-0.661484	17.29	3.50	20.79
9	53.173230	-0.666677	24.28	3.50	27.78
10	53.172175	-0.666226	20.97	3.50	24.47
11	53.171823	-0.664919	19.69	3.50	23.19
12	53.171714	-0.664865	19.72	3.50	23.22
13	53.170968	-0.662526	18.08	3.50	21.58
14	53.170357	-0.661797	17.29	3.50	20.79
15	53.174293	-0.653523	13.69	3.50	17.19
16	53.178283	-0.655459	15.69	3.50	19.19
17	53.179363	-0.655588	13.41	3.50	16.91
18	53.178051	-0.662519	19.70	3.50	23.20
19	53.177884	-0.665737	19.63	3.50	23.13

Name: PV array 3
Footprint area: 680,123 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.162240	-0.675330	17.88	3.50	21.38
2	53.159340	-0.671810	16.96	3.50	20.46
3	53.159790	-0.670480	16.50	3.50	20.00
4	53.160860	-0.668250	17.83	3.50	21.33
5	53.160420	-0.666810	17.26	3.50	20.76
6	53.159450	-0.669110	15.52	3.50	19.02
7	53.159860	-0.669750	15.96	3.50	19.46
8	53.159140	-0.671710	16.90	3.50	20.40
9	53.158240	-0.670650	16.68	3.50	20.18
10	53.158390	-0.670070	16.02	3.50	19.52
11	53.157840	-0.668790	15.77	3.50	19.27
12	53.159770	-0.664130	19.42	3.50	22.92
13	53.159920	-0.664410	18.34	3.50	21.84
14	53.160980	-0.661830	24.58	3.50	28.08
15	53.161160	-0.662010	24.26	3.50	27.76
16	53.161290	-0.661640	25.79	3.50	29.29
17	53.161160	-0.661450	26.00	3.50	29.50
18	53.162190	-0.659350	26.37	3.50	29.87
19	53.162080	-0.658850	26.32	3.50	29.82
20	53.162600	-0.657690	27.46	3.50	30.96
21	53.165690	-0.658340	22.77	3.50	26.27
22	53.165920	-0.658980	21.27	3.50	24.77
23	53.166210	-0.659430	20.99	3.50	24.49
24	53.165960	-0.661020	21.23	3.50	24.73
25	53.167980	-0.662370	18.26	3.50	21.76
26	53.167650	-0.663320	18.23	3.50	21.73
27	53.167500	-0.667240	23.91	3.50	27.41
28	53.164620	-0.668620	26.56	3.50	30.06
29	53.164820	-0.669520	27.49	3.50	30.99
30	53.163160	-0.671190	20.73	3.50	24.23
31	53.162730	-0.672050	18.84	3.50	22.34
32	53.162570	-0.673160	18.39	3.50	21.89
33	53.162750	-0.673700	17.85	3.50	21.35
34	53.162650	-0.674340	17.02	3.50	20.52

Name: PV array 4
Footprint area: 540,208 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.172585	-0.642585	14.81	3.50	18.31
2	53.173512	-0.648335	13.73	3.50	17.23
3	53.168740	-0.657433	17.19	3.50	20.69
4	53.168530	-0.657412	16.94	3.50	20.44
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
6	53.168300	-0.658730	18.04	3.50	21.54
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
8	53.165850	-0.657640	21.97	3.50	25.47
9	53.165650	-0.657980	23.24	3.50	26.74
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
13	53.166850	-0.655520	18.20	3.50	21.70
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
15	53.167980	-0.655110	18.44	3.50	21.94
16	53.169113	-0.651554	16.06	3.50	19.56
17	53.169113	-0.651060	15.41	3.50	18.91
18	53.168032	-0.650867	15.63	3.50	19.13
19	53.167955	-0.651597	16.07	3.50	19.57
20	53.167337	-0.651232	15.83	3.50	19.33
21	53.166077	-0.651103	19.26	3.50	22.76
22	53.166115	-0.650481	18.68	3.50	22.18
23	53.165961	-0.650181	19.78	3.50	23.28
24	53.168251	-0.644537	17.16	3.50	20.66
25	53.168920	-0.644687	16.30	3.50	19.80
26	53.170129	-0.644408	16.57	3.50	20.07
27	53.171132	-0.643754	15.25	3.50	18.75
28	53.171151	-0.643400	15.23	3.50	18.73
29	53.172000	-0.642681	14.97	3.50	18.47

Name: PV array 5
Footprint area: 85,119 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.175987	-0.638261	17.17	3.50	20.67
2	53.175962	-0.637317	17.32	3.50	20.82
3	53.175704	-0.636180	15.99	3.50	19.49
4	53.172039	-0.635257	10.34	3.50	13.84
5	53.170855	-0.638197	11.33	3.50	14.83
6	53.174251	-0.638304	12.30	3.50	15.80

Name: PV array 6
Footprint area: 178,317 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.167678	-0.644140	17.52	3.50	21.02
2	53.165556	-0.649011	19.39	3.50	22.89
3	53.164810	-0.644784	20.41	3.50	23.91
4	53.165350	-0.641716	16.27	3.50	19.77
5	53.163562	-0.640986	20.48	3.50	23.98
6	53.161902	-0.640643	22.38	3.50	25.88
7	53.159226	-0.640385	15.78	3.50	19.28
8	53.159329	-0.638197	13.14	3.50	16.64
9	53.162726	-0.638883	20.72	3.50	24.22
10	53.164115	-0.639205	17.21	3.50	20.71
11	53.165183	-0.639763	14.44	3.50	17.94
12	53.165800	-0.640707	14.81	3.50	18.31
13	53.166366	-0.642209	16.10	3.50	19.60
14	53.166971	-0.643282	16.63	3.50	20.13

Name: PV array 7
Footprint area: 492,432 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.164655	-0.651071	23.57	3.50	27.07
2	53.164218	-0.652101	24.34	3.50	27.84
3	53.163588	-0.652015	24.43	3.50	27.93
4	53.163575	-0.652466	24.10	3.50	27.60
5	53.163883	-0.652809	24.86	3.50	28.36
6	53.162790	-0.655406	26.04	3.50	29.54
7	53.162404	-0.655148	26.50	3.50	30.00
8	53.162082	-0.655835	27.39	3.50	30.89
9	53.162263	-0.656543	27.11	3.50	30.61
10	53.161516	-0.658324	26.25	3.50	29.75
11	53.158776	-0.654054	22.55	3.50	26.05
12	53.156879	-0.652104	18.45	3.50	21.95
13	53.156840	-0.650806	17.85	3.50	21.35
14	53.156634	-0.650474	16.75	3.50	20.25
15	53.155412	-0.650935	12.99	3.50	16.49
16	53.155245	-0.650441	12.47	3.50	15.97
17	53.154428	-0.650484	11.62	3.50	15.12
18	53.152317	-0.650581	10.82	3.50	14.32
19	53.151545	-0.650656	11.68	3.50	15.18
20	53.151481	-0.651761	11.49	3.50	14.99
21	53.151159	-0.651729	12.56	3.50	16.06
22	53.151178	-0.650924	12.32	3.50	15.82
23	53.150863	-0.650624	12.97	3.50	16.47
24	53.149042	-0.650581	13.39	3.50	16.89
25	53.149113	-0.652083	14.82	3.50	18.32
26	53.147459	-0.652115	10.92	3.50	14.42
27	53.147762	-0.654604	14.65	3.50	18.15
28	53.146730	-0.654770	11.29	3.50	14.79
29	53.146710	-0.654450	10.79	3.50	14.29
30	53.146660	-0.653930	9.99	3.50	13.49
31	53.146560	-0.653210	9.32	3.50	12.82
32	53.146500	-0.652650	9.65	3.50	13.15
33	53.146620	-0.652540	9.69	3.50	13.19
34	53.146670	-0.652330	9.64	3.50	13.14
35	53.146500	-0.650990	8.94	3.50	12.44
36	53.146830	-0.651060	9.07	3.50	12.57
37	53.147220	-0.650840	9.43	3.50	12.93
38	53.147530	-0.650195	9.95	3.50	13.45
39	53.148058	-0.647824	10.34	3.50	13.84
40	53.149293	-0.647502	11.75	3.50	15.25
41	53.149364	-0.647008	11.40	3.50	14.90
42	53.149004	-0.645163	9.84	3.50	13.34
43	53.149068	-0.644702	10.07	3.50	13.57
44	53.149589	-0.644659	10.09	3.50	13.59
45	53.150246	-0.645152	10.47	3.50	13.97
46	53.150709	-0.646118	10.77	3.50	14.27
47	53.150861	-0.646854	11.55	3.50	15.05
48	53.152186	-0.646683	10.55	3.50	14.05
49	53.152302	-0.648378	10.85	3.50	14.35
50	53.152559	-0.648356	11.03	3.50	14.53
51	53.152650	-0.647820	11.33	3.50	14.83
52	53.152843	-0.647562	10.51	3.50	14.01
53	53.152984	-0.648185	10.54	3.50	14.04
54	53.153396	-0.648850	10.72	3.50	14.22
55	53.153821	-0.649000	11.70	3.50	15.20
56	53.153821	-0.647176	11.57	3.50	15.07
57	53.157030	-0.647114	18.62	3.50	22.12
58	53.157911	-0.650923	21.21	3.50	24.71
59	53.159526	-0.650773	24.30	3.50	27.80
60	53.159841	-0.651545	25.93	3.50	29.43
61	53.160478	-0.652318	28.32	3.50	31.82
62	53.160542	-0.654142	27.00	3.50	30.50
63	53.161668	-0.654152	28.25	3.50	31.75
64	53.162003	-0.653691	27.32	3.50	30.82

65	53.161359	-0.652489	27.84	3.50	31.34
66	53.161314	-0.650848	28.23	3.50	31.73

Name: PV array 8
Footprint area: 15,661 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.149067	-0.644094	9.24	3.50	12.74
2	53.149505	-0.644029	9.82	3.50	13.32
3	53.149878	-0.644094	9.57	3.50	13.07
4	53.150888	-0.643353	9.27	3.50	12.77
5	53.150521	-0.642002	8.25	3.50	11.75
6	53.149871	-0.642806	8.50	3.50	12.00
7	53.149472	-0.642796	8.80	3.50	12.30
8	53.149215	-0.643192	8.74	3.50	12.24
9	53.149022	-0.644072	9.17	3.50	12.67

Name: PV array 9
Footprint area: 49,096 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.144980	-0.656700	12.95	3.50	16.45
2	53.143230	-0.656440	10.07	3.50	13.57
3	53.143170	-0.652900	8.94	3.50	12.44
4	53.143890	-0.652530	9.13	0.00	9.13
5	53.144200	-0.652530	9.20	3.50	12.70
6	53.144680	-0.653130	9.45	3.50	12.95
7	53.144910	-0.653050	9.39	3.50	12.89

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	53.132893	-0.623725	12.40	2.00	14.40
OP 2	53.129916	-0.668905	16.44	2.00	18.44
OP 3	53.129694	-0.669050	16.55	2.00	18.55
OP 4	53.128850	-0.656726	14.32	2.00	16.32
OP 5	53.129475	-0.621240	10.02	2.00	12.02
OP 6	53.129501	-0.619743	10.55	2.00	12.55
OP 7	53.127099	-0.611879	11.57	2.00	13.57
OP 8	53.126419	-0.601524	8.00	2.00	10.00
OP 9	53.133490	-0.637777	14.37	2.00	16.37
OP 10	53.133290	-0.635813	14.85	2.00	16.85
OP 11	53.133042	-0.634215	15.37	2.00	17.37
OP 12	53.132862	-0.633346	15.62	2.00	17.62
OP 13	53.132032	-0.633485	16.15	2.00	18.15
OP 14	53.131253	-0.633410	15.73	2.00	17.73
OP 15	53.129553	-0.633142	15.16	2.00	17.16
OP 16	53.127847	-0.634514	15.68	2.00	17.68
OP 17	53.126540	-0.634911	15.83	2.00	17.83
OP 18	53.126753	-0.637905	15.81	2.00	17.81
OP 19	53.126862	-0.639342	15.88	2.00	17.88
OP 20	53.126985	-0.641327	15.93	2.00	17.93
OP 21	53.125459	-0.641177	14.77	2.00	16.77
OP 22	53.124030	-0.643065	16.44	2.00	18.44
OP 23	53.124248	-0.645694	14.96	2.00	16.96
OP 24	53.125356	-0.645597	13.44	2.00	15.44
OP 25	53.126733	-0.644997	14.46	2.00	16.46
OP 26	53.127957	-0.642990	12.86	2.00	14.86
OP 27	53.129180	-0.642819	12.46	2.00	14.46
OP 28	53.130319	-0.642507	13.21	2.00	15.21
OP 29	53.131381	-0.642218	13.41	2.00	15.41
OP 30	53.131780	-0.641156	15.22	2.00	17.22
OP 31	53.131478	-0.639739	15.03	2.00	17.03
OP 32	53.132225	-0.638398	14.35	2.00	16.35
OP 33	53.123521	-0.638420	15.71	2.00	17.71
OP 34	53.123315	-0.681829	18.43	2.00	20.43
OP 35	53.122890	-0.679661	17.83	2.00	19.83
OP 36	53.123791	-0.675048	17.13	2.00	19.13
OP 37	53.122909	-0.675445	17.00	2.00	19.00
OP 38	53.121943	-0.673653	18.14	2.00	20.14
OP 39	53.121596	-0.671196	17.00	2.00	19.00
OP 40	53.121229	-0.669083	14.66	2.00	16.66
OP 41	53.120154	-0.671840	16.09	2.00	18.09
OP 42	53.121596	-0.675069	18.80	2.00	20.80
OP 43	53.121972	-0.677473	16.36	2.00	18.36

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
PV array 1	5.0	180.0	0	0	-	-
PV array 10	5.0	180.0	631	0	-	-
PV array 11	5.0	180.0	26,486	517	-	-
PV array 12	5.0	180.0	46,124	0	-	-
PV array 13	5.0	180.0	82,806	19,435	-	-
PV array 14	5.0	180.0	34,193	377	-	-
PV array 15	5.0	180.0	51,279	1,961	-	-
PV array 2	5.0	180.0	0	0	-	-
PV array 3	5.0	180.0	137	0	-	-
PV array 4	5.0	180.0	0	0	-	-
PV array 5	5.0	180.0	0	0	-	-
PV array 6	5.0	180.0	0	0	-	-
PV array 7	5.0	180.0	863	0	-	-
PV array 8	5.0	180.0	0	0	-	-
PV array 9	5.0	180.0	8,682	0	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
pv-array-10 (green)	0	0	0	0	13	331	89	0	0	0	0	0
pv-array-10 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-11 (green)	0	0	0	307	1180	1755	1461	552	15	0	0	0
pv-array-11 (yellow)	0	0	0	0	8	1	7	1	0	0	0	0
pv-array-12 (green)	0	0	194	616	810	1076	928	646	359	0	0	0
pv-array-12 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-13 (green)	0	0	916	1299	1064	1032	1038	1273	1198	89	0	0
pv-array-13 (yellow)	0	0	3	12	204	209	206	66	4	0	0	0
pv-array-14 (green)	0	0	150	771	1082	1189	1141	887	338	0	0	0
pv-array-14 (yellow)	0	0	0	0	3	0	0	0	0	0	0	0
pv-array-15 (green)	0	0	586	1266	1095	1157	1154	1231	941	3	0	0
pv-array-15 (yellow)	0	0	0	2	112	92	48	72	0	0	0	0
pv-array-3 (green)	0	0	0	0	0	134	3	0	0	0	0	0
pv-array-3 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-7 (green)	0	0	0	0	74	539	222	0	0	0	0	0
pv-array-7 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-9 (green)	0	0	0	0	580	945	834	41	0	0	0	0
pv-array-9 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

PV array 1 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

No glare found

PV array 10 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)

OP: OP 1	0	0
OP: OP 2	394	0
OP: OP 3	201	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	36	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

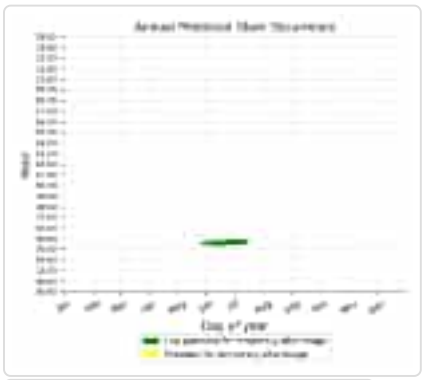
PV array 10: OP 1

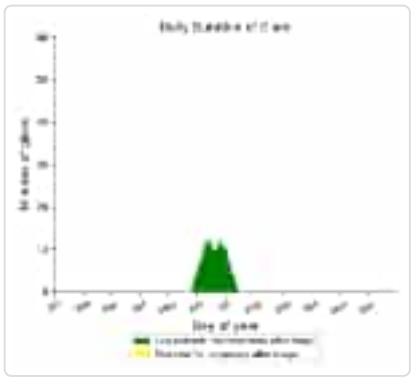
No glare found

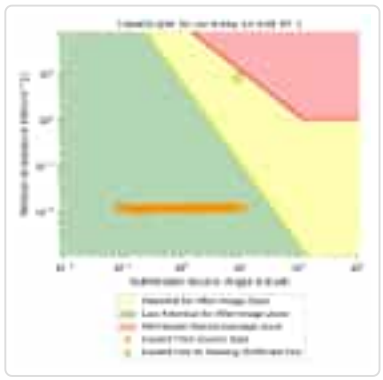
PV array 10: OP 2

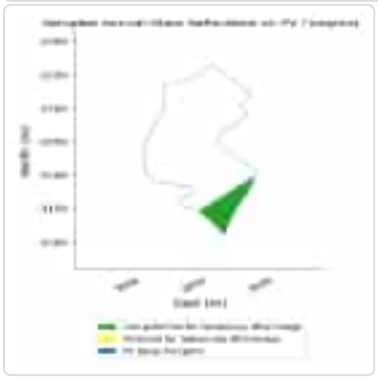
PV array is expected to produce the following glare for this receptor:

- 394 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





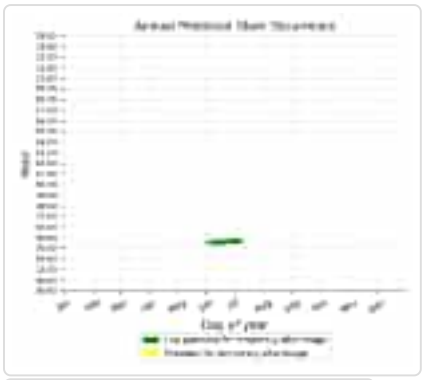


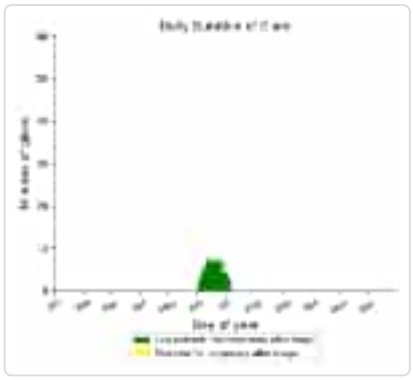


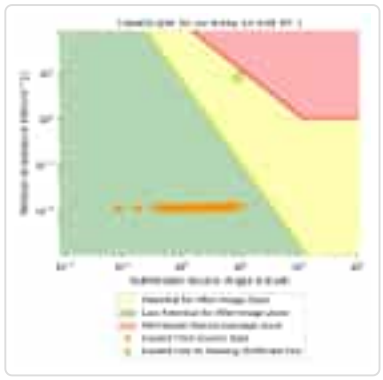
PV array 10: OP 3

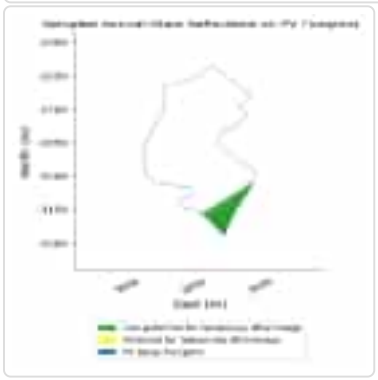
PV array is expected to produce the following glare for this receptor:

- 201 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 4

No glare found

PV array 10: OP 5

No glare found

PV array 10: OP 6

No glare found

PV array 10: OP 7

No glare found

PV array 10: OP 8

No glare found

PV array 10: OP 9

No glare found

PV array 10: OP 10

No glare found

PV array 10: OP 11

No glare found

PV array 10: OP 12

No glare found

PV array 10: OP 13

No glare found

PV array 10: OP 14

No glare found

PV array 10: OP 15

No glare found

PV array 10: OP 16

No glare found

PV array 10: OP 17

No glare found

PV array 10: OP 18

No glare found

PV array 10: OP 19

No glare found

PV array 10: OP 20

No glare found

PV array 10: OP 21

No glare found

PV array 10: OP 22

No glare found

PV array 10: OP 23

No glare found

PV array 10: OP 24

No glare found

PV array 10: OP 25

No glare found

PV array 10: OP 26

No glare found

PV array 10: OP 27

No glare found

PV array 10: OP 28

No glare found

PV array 10: OP 29

No glare found

PV array 10: OP 30

No glare found

PV array 10: OP 31

No glare found

PV array 10: OP 32

No glare found

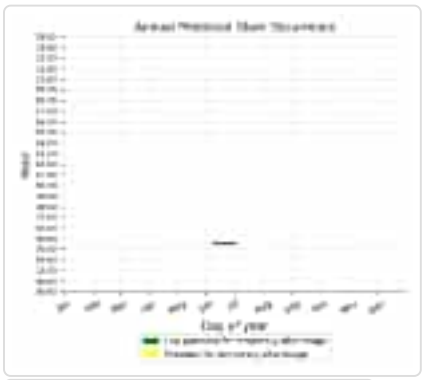
PV array 10: OP 33

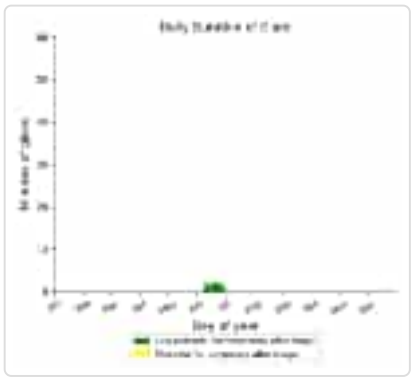
No glare found

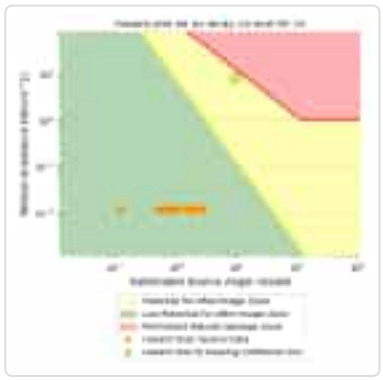
PV array 10: OP 34

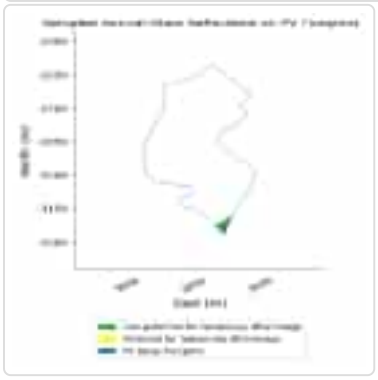
PV array is expected to produce the following glare for this receptor:

- 36 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 35

No glare found

PV array 10: OP 36

No glare found

PV array 10: OP 37

No glare found

PV array 10: OP 38

No glare found

PV array 10: OP 39

No glare found

PV array 10: OP 40

No glare found

PV array 10: OP 41

No glare found

PV array 10: OP 42

No glare found

PV array 10: OP 43

No glare found

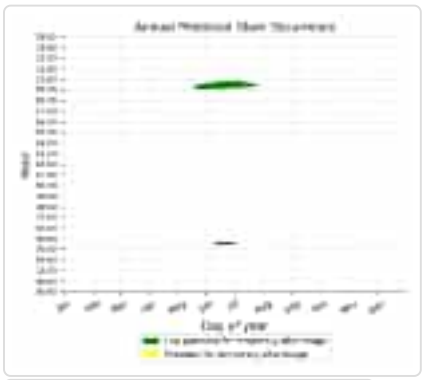
PV array 11 potential temporary after-image

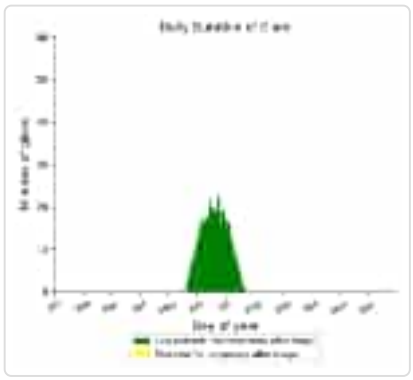
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	822	0
OP: OP 2	1353	0
OP: OP 3	1145	0
OP: OP 4	1128	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	766	0
OP: OP 9	818	64
OP: OP 10	0	0
OP: OP 11	1648	75
OP: OP 12	1748	289
OP: OP 13	1689	33
OP: OP 14	1155	0
OP: OP 15	119	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	325	0
OP: OP 25	590	0
OP: OP 26	867	0
OP: OP 27	907	0
OP: OP 28	902	0
OP: OP 29	1207	56
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	707	0
OP: OP 33	0	0
OP: OP 34	823	0
OP: OP 35	931	0
OP: OP 36	902	0
OP: OP 37	894	0
OP: OP 38	799	0
OP: OP 39	822	0
OP: OP 40	808	0
OP: OP 41	766	0
OP: OP 42	768	0
OP: OP 43	1077	0

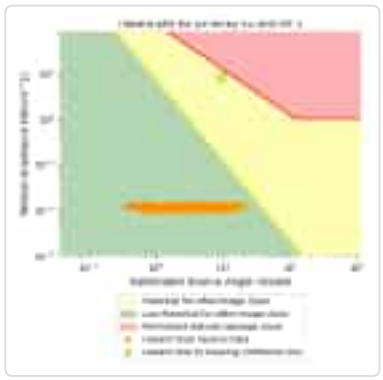
PV array 11: OP 1

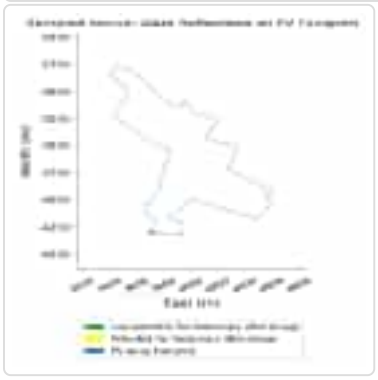
PV array is expected to produce the following glare for this receptor:

- 822 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





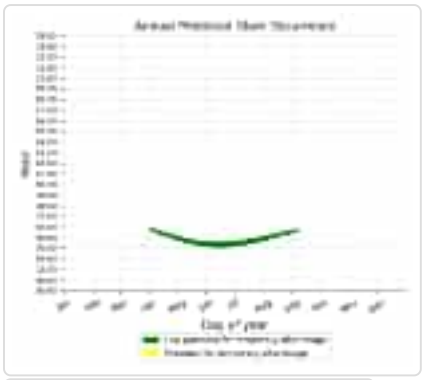


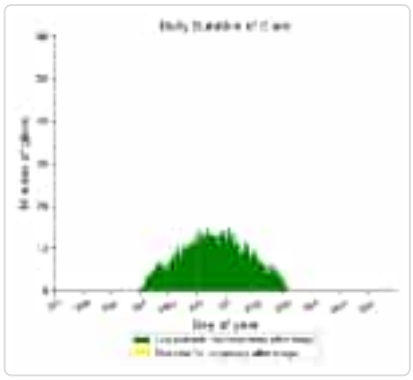


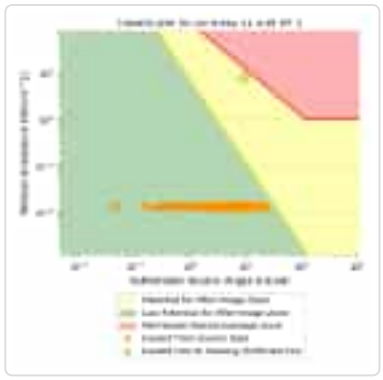
PV array 11: OP 2

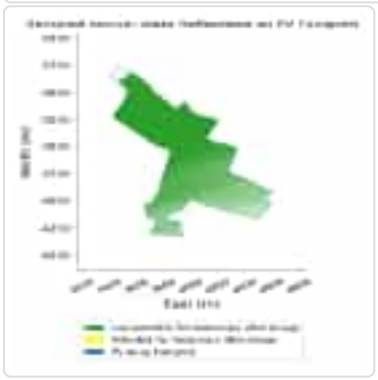
PV array is expected to produce the following glare for this receptor:

- 1,353 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





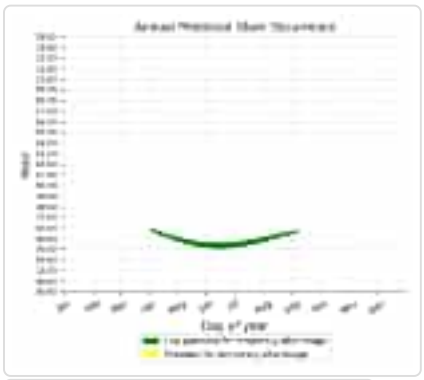


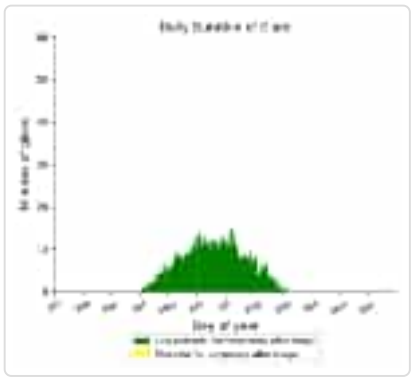


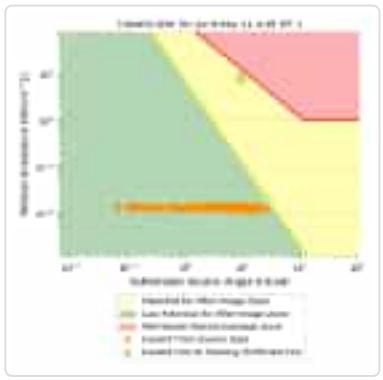
PV array 11: OP 3

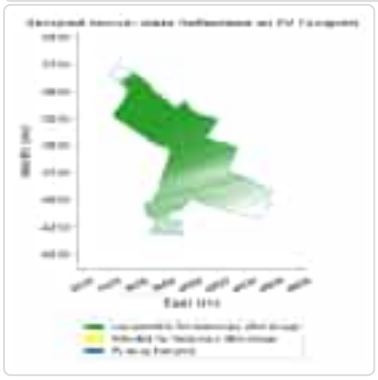
PV array is expected to produce the following glare for this receptor:

- 1,145 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





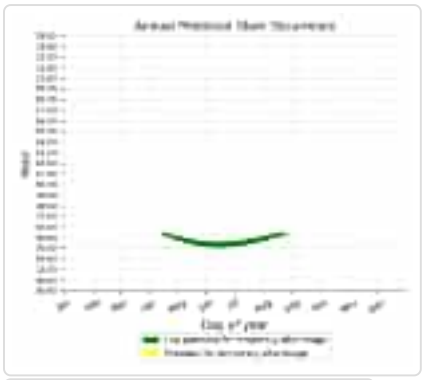


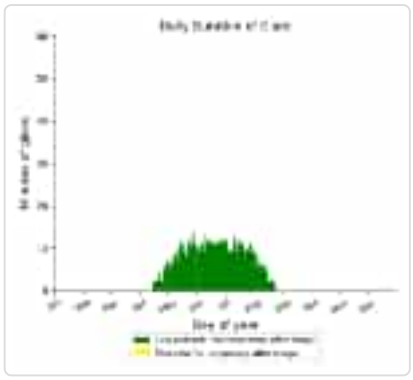


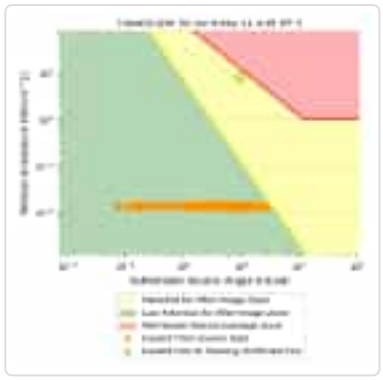
PV array 11: OP 4

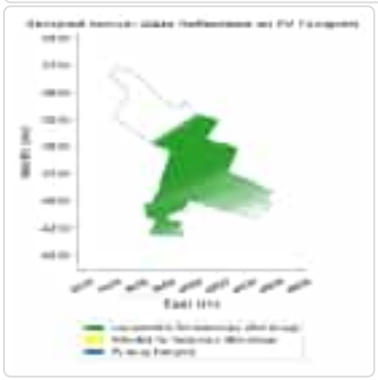
PV array is expected to produce the following glare for this receptor:

- 1,128 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 5

No glare found

PV array 11: OP 6

No glare found

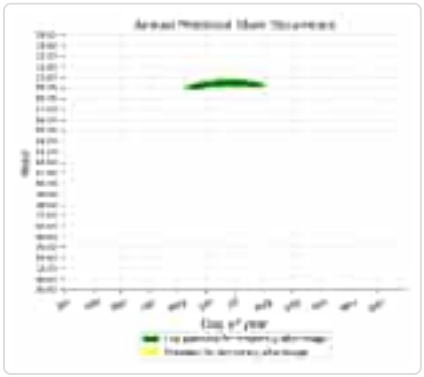
PV array 11: OP 7

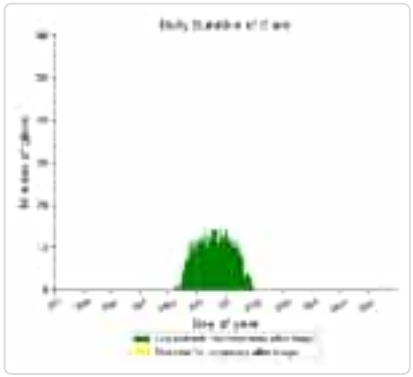
No glare found

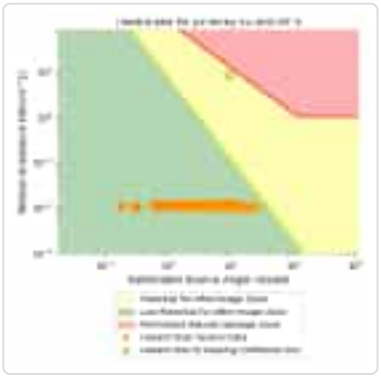
PV array 11: OP 8

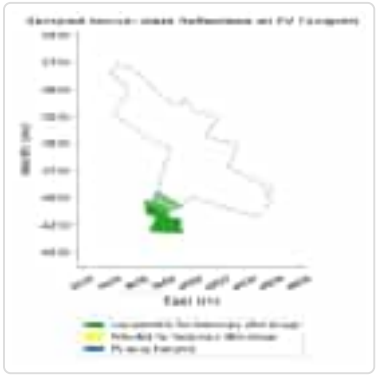
PV array is expected to produce the following glare for this receptor:

- 766 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





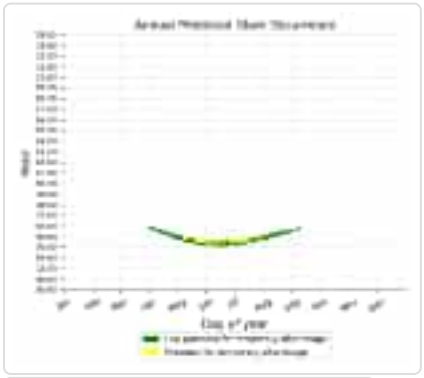


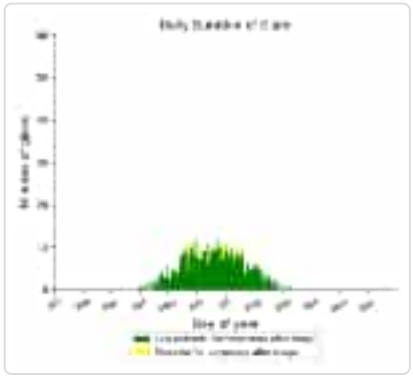


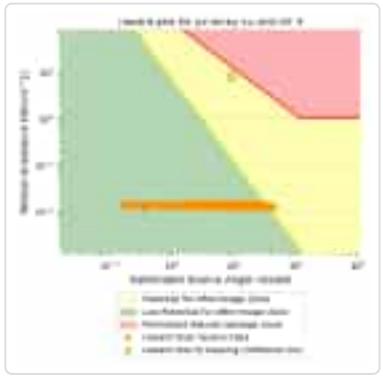
PV array 11: OP 9

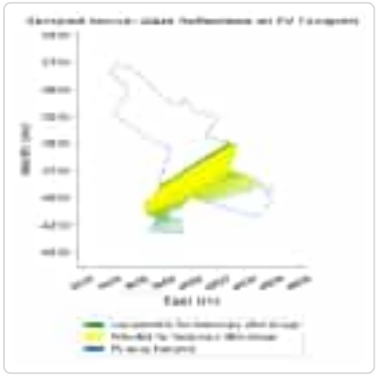
PV array is expected to produce the following glare for this receptor:

- 818 minutes of "green" glare with low potential to cause temporary after-image.
- 64 minutes of "yellow" glare with potential to cause temporary after-image.









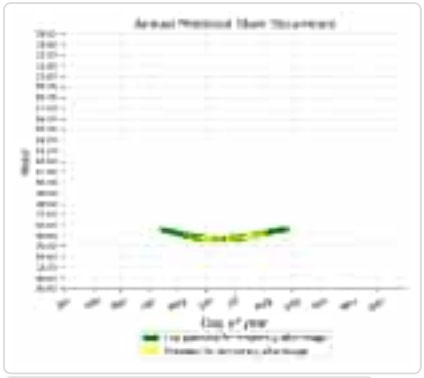
PV array 11: OP 10

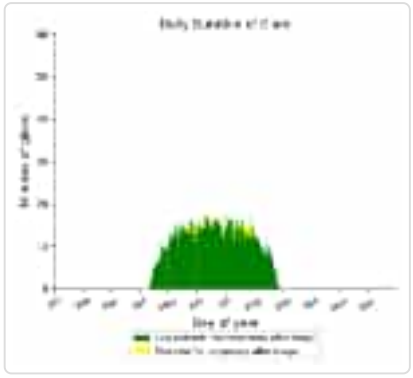
No glare found

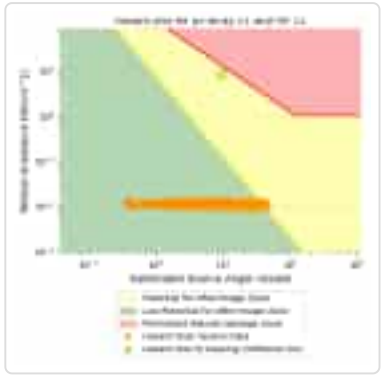
PV array 11: OP 11

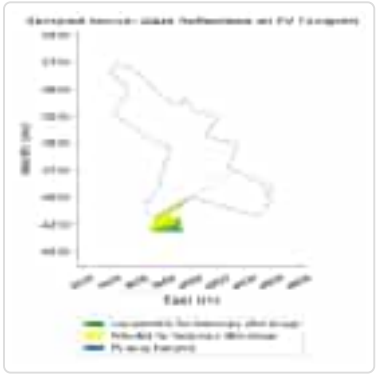
PV array is expected to produce the following glare for this receptor:

- 1,648 minutes of "green" glare with low potential to cause temporary after-image.
- 75 minutes of "yellow" glare with potential to cause temporary after-image.





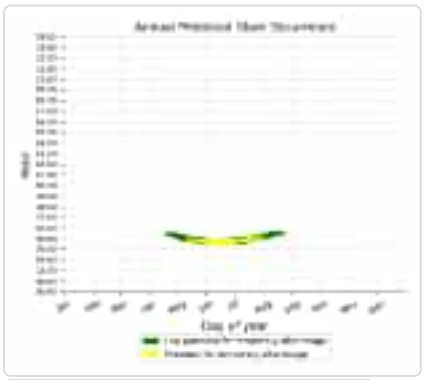


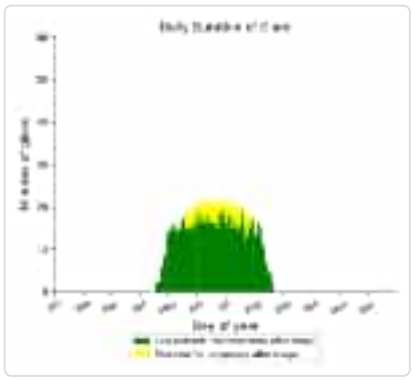


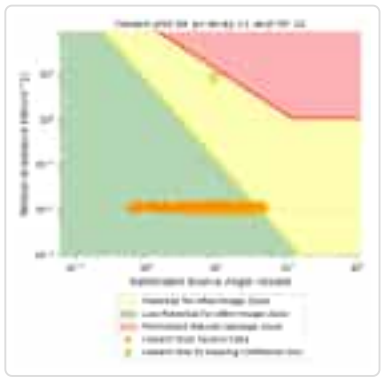
PV array 11: OP 12

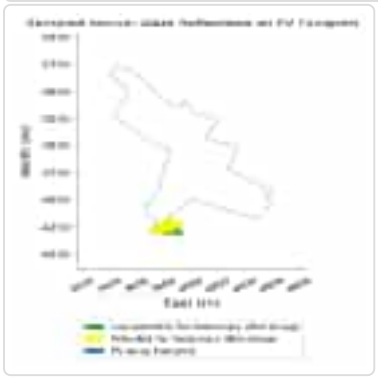
PV array is expected to produce the following glare for this receptor:

- 1,748 minutes of "green" glare with low potential to cause temporary after-image.
- 289 minutes of "yellow" glare with potential to cause temporary after-image.





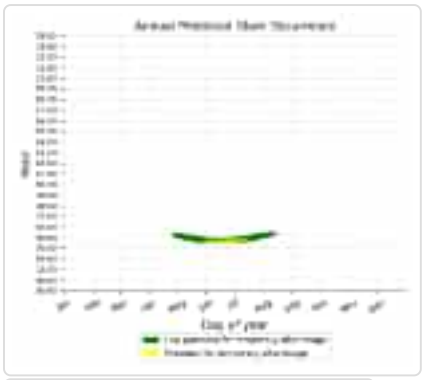


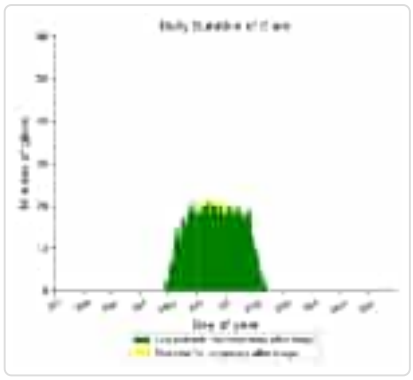


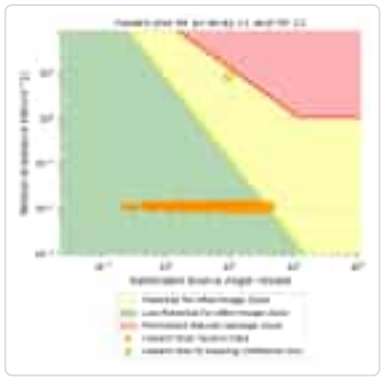
PV array 11: OP 13

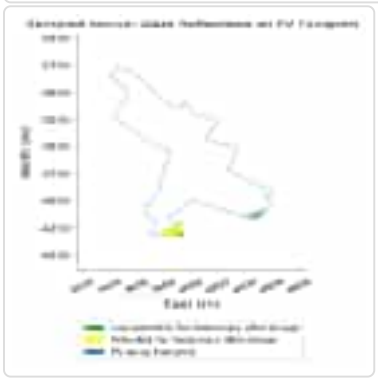
PV array is expected to produce the following glare for this receptor:

- 1,689 minutes of "green" glare with low potential to cause temporary after-image.
- 33 minutes of "yellow" glare with potential to cause temporary after-image.





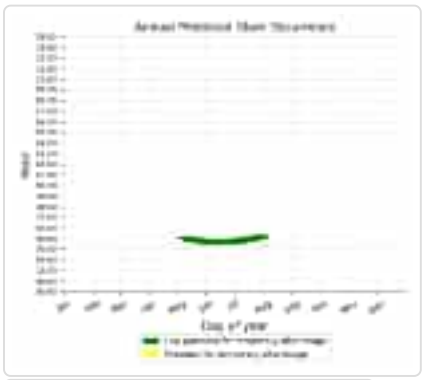


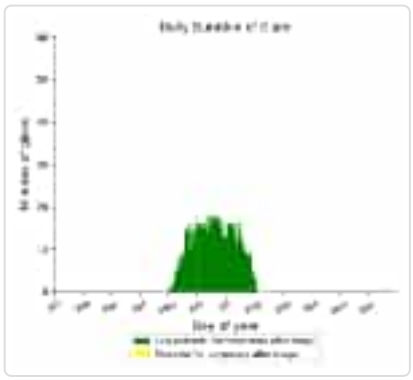


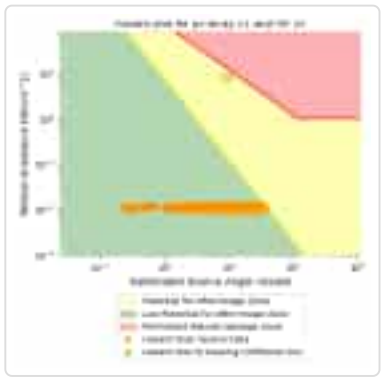
PV array 11: OP 14

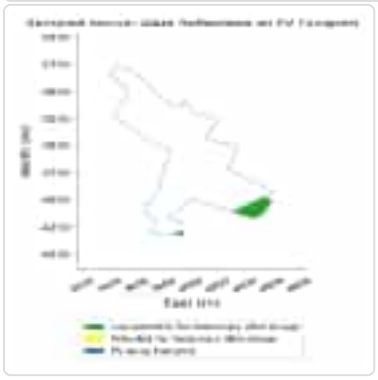
PV array is expected to produce the following glare for this receptor:

- 1,155 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





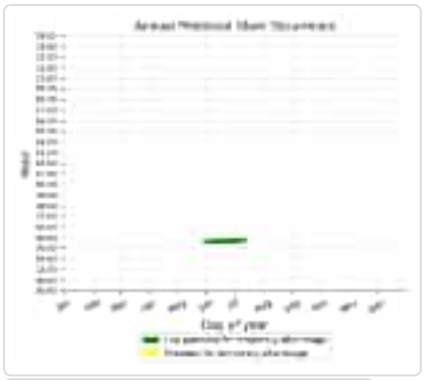


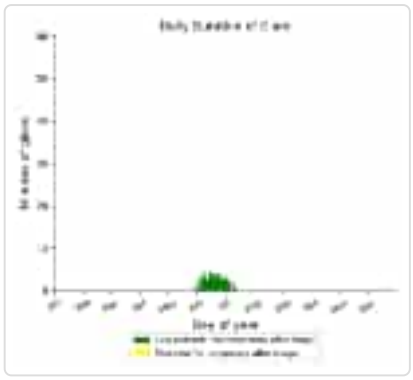


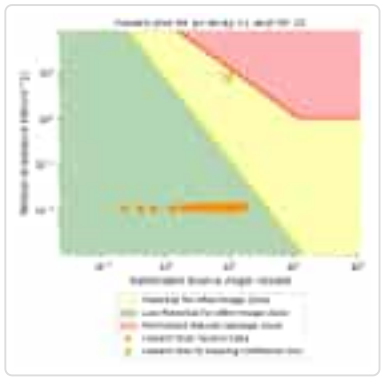
PV array 11: OP 15

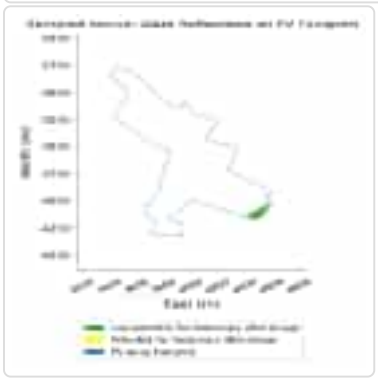
PV array is expected to produce the following glare for this receptor:

- 119 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 16

No glare found

PV array 11: OP 17

No glare found

PV array 11: OP 18

No glare found

PV array 11: OP 19

No glare found

PV array 11: OP 20

No glare found

PV array 11: OP 21

No glare found

PV array 11: OP 22

No glare found

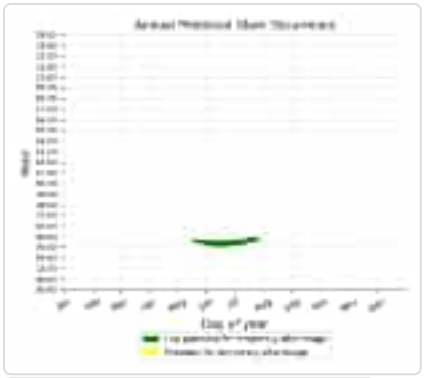
PV array 11: OP 23

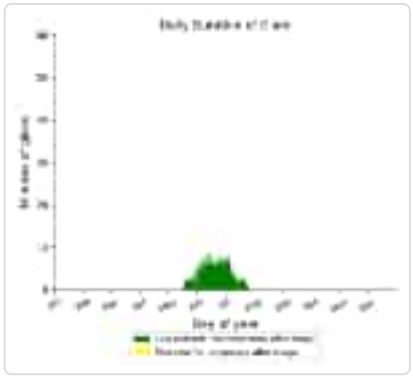
No glare found

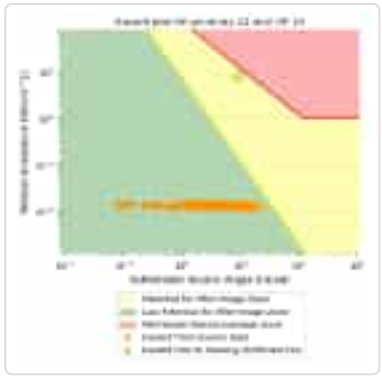
PV array 11: OP 24

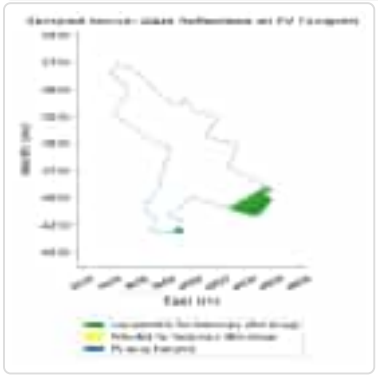
PV array is expected to produce the following glare for this receptor:

- 325 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





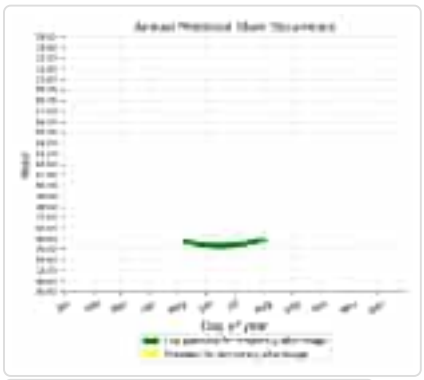


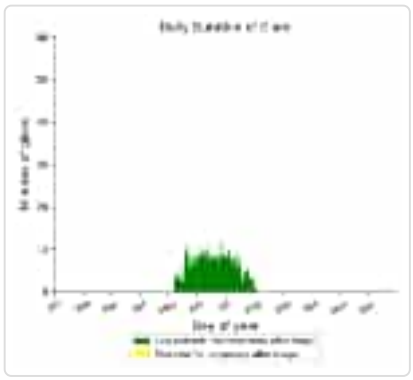


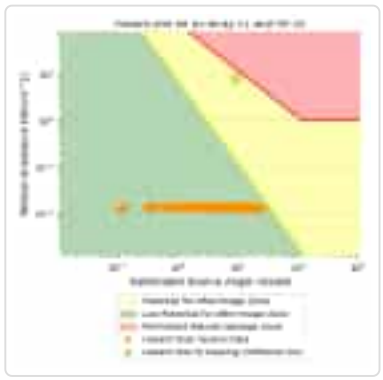
PV array 11: OP 25

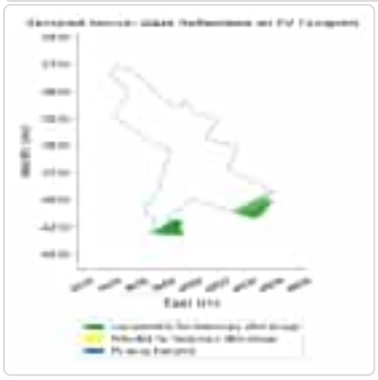
PV array is expected to produce the following glare for this receptor:

- 590 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





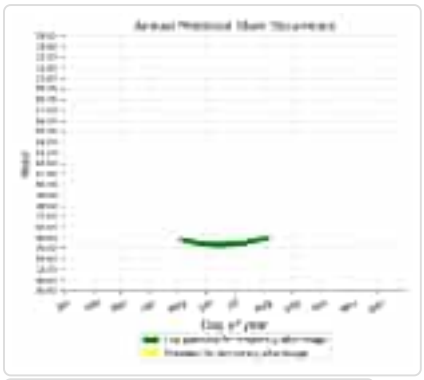


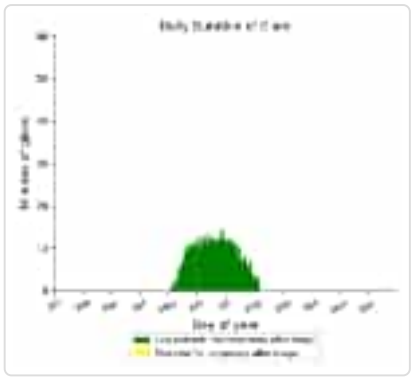


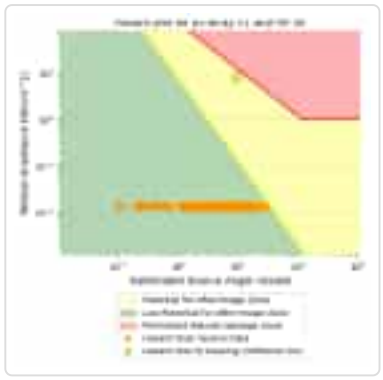
PV array 11: OP 26

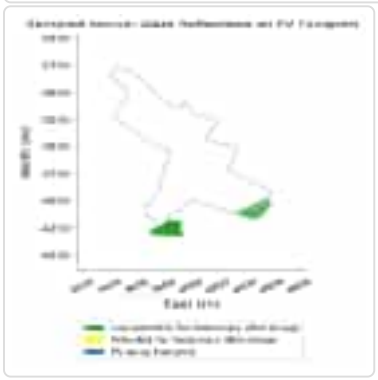
PV array is expected to produce the following glare for this receptor:

- 867 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





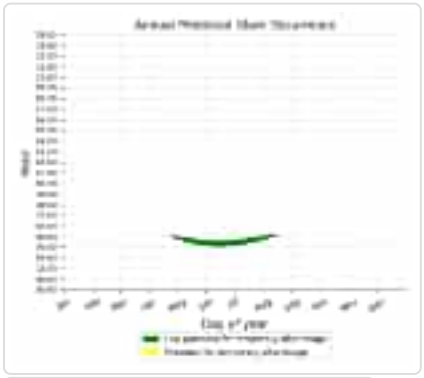


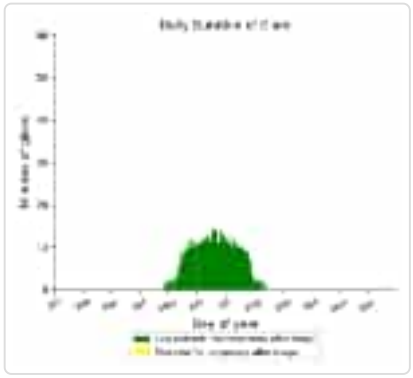


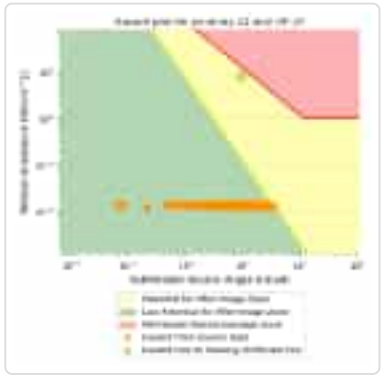
PV array 11: OP 27

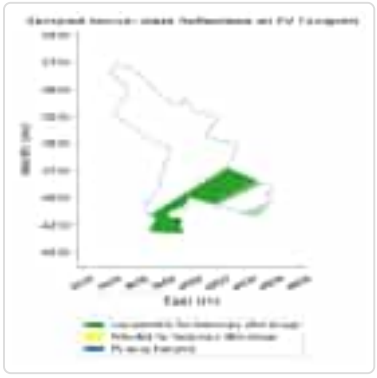
PV array is expected to produce the following glare for this receptor:

- 907 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





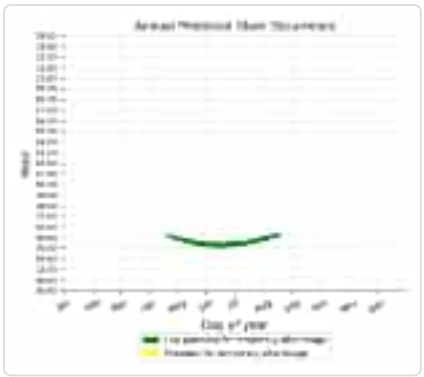


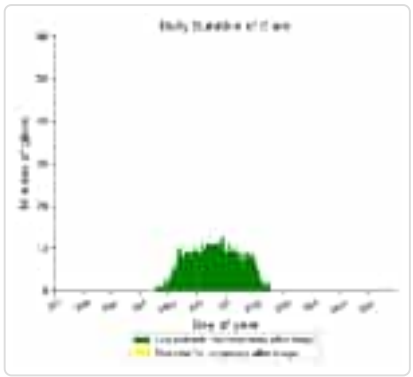


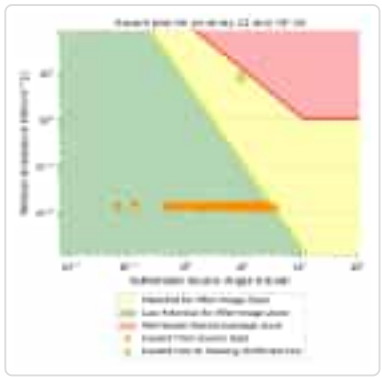
PV array 11: OP 28

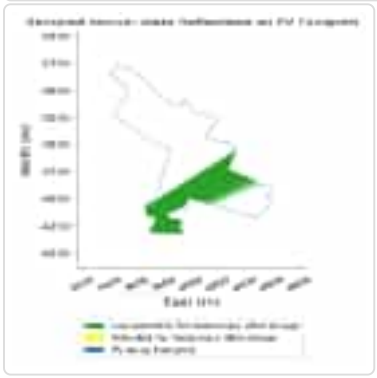
PV array is expected to produce the following glare for this receptor:

- 902 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





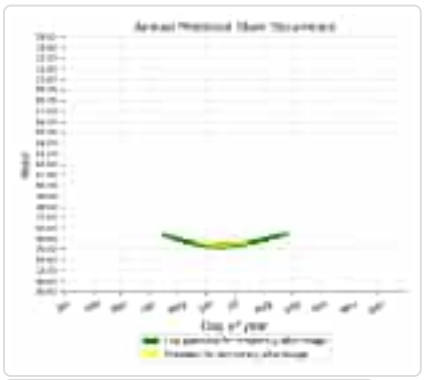


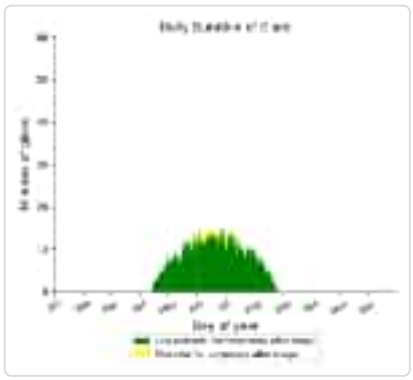


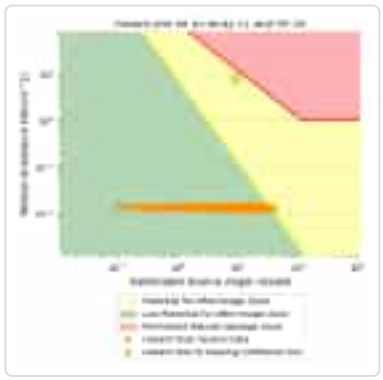
PV array 11: OP 29

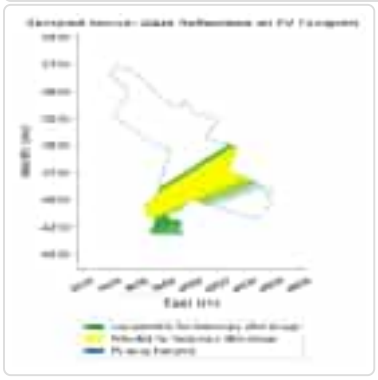
PV array is expected to produce the following glare for this receptor:

- 1,207 minutes of "green" glare with low potential to cause temporary after-image.
- 56 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 30

No glare found

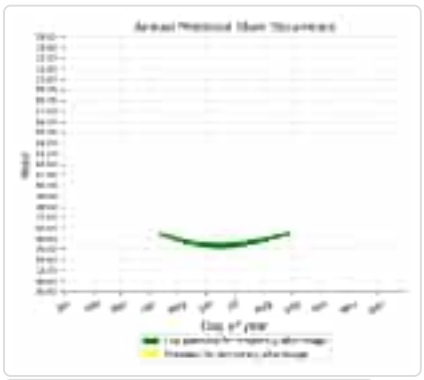
PV array 11: OP 31

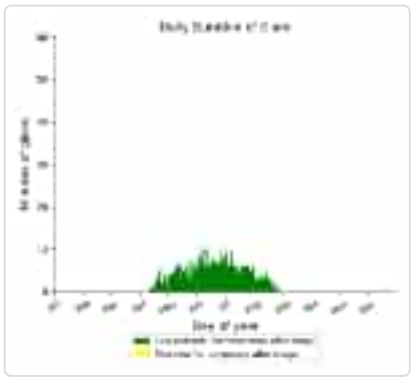
No glare found

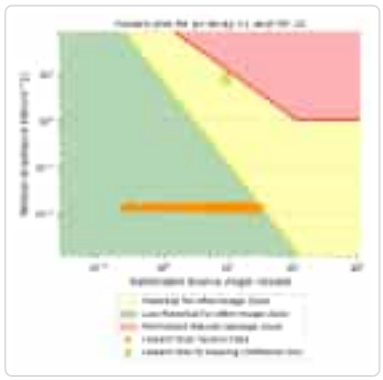
PV array 11: OP 32

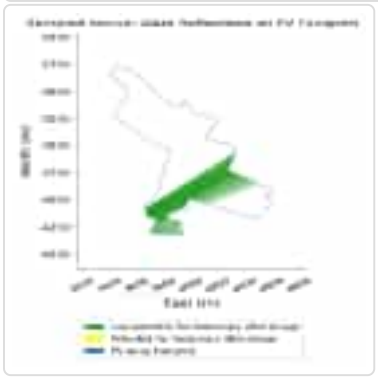
PV array is expected to produce the following glare for this receptor:

- 707 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









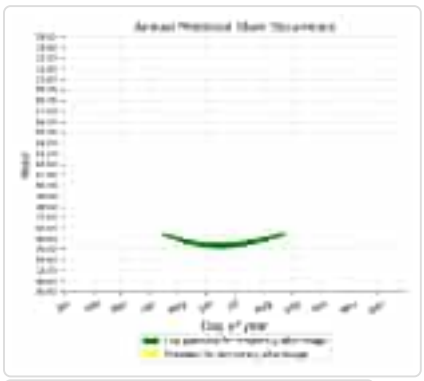
PV array 11: OP 33

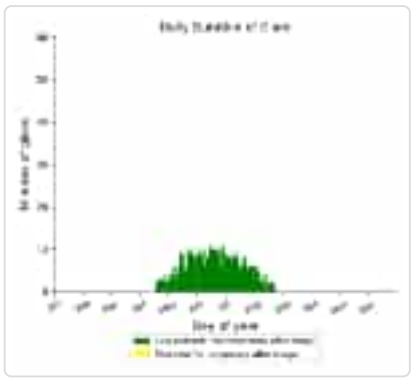
No glare found

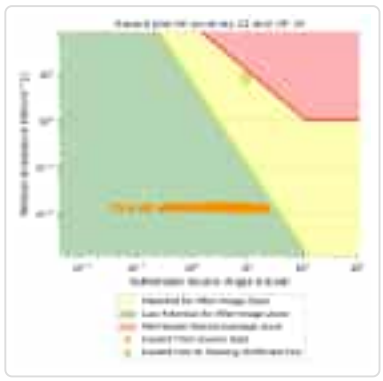
PV array 11: OP 34

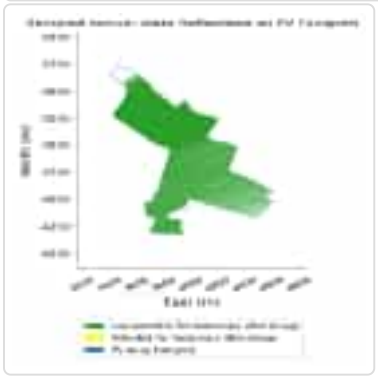
PV array is expected to produce the following glare for this receptor:

- 823 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





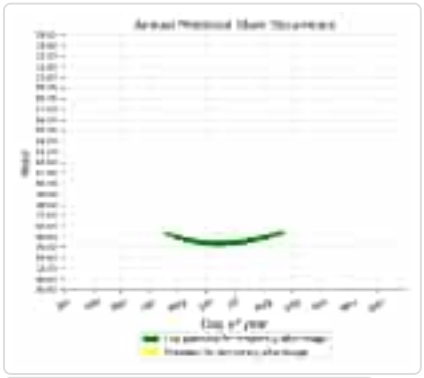


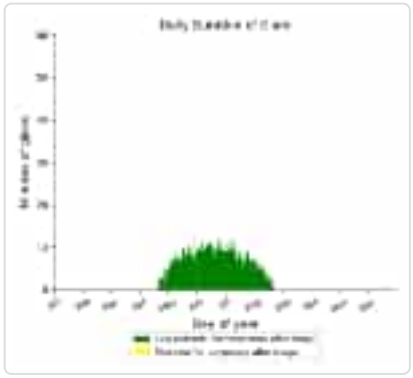


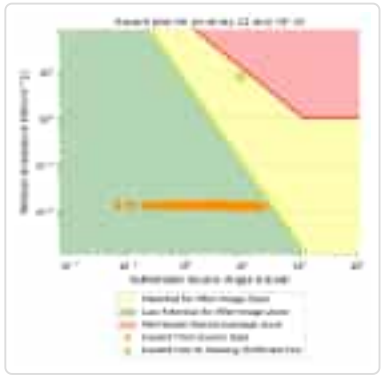
PV array 11: OP 35

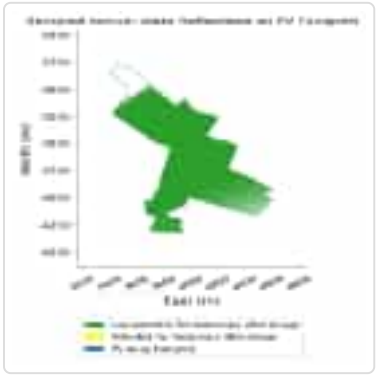
PV array is expected to produce the following glare for this receptor:

- 931 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





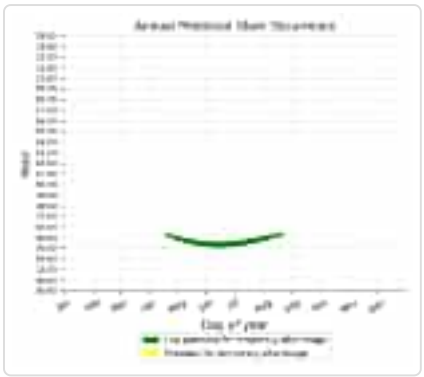


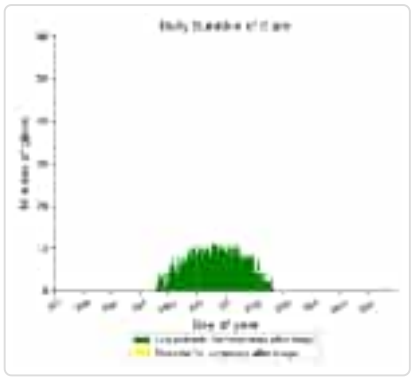


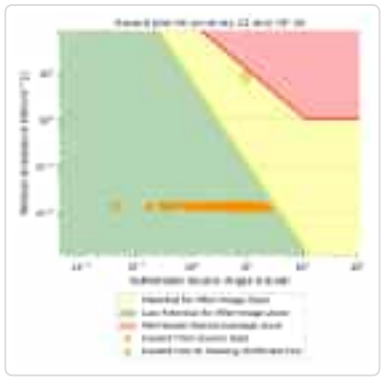
PV array 11: OP 36

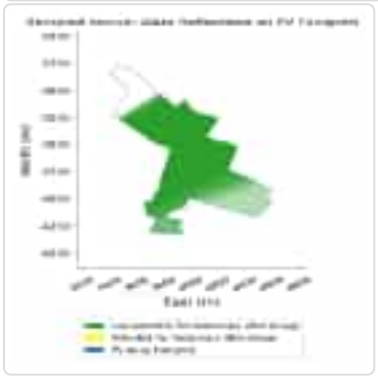
PV array is expected to produce the following glare for this receptor:

- 902 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





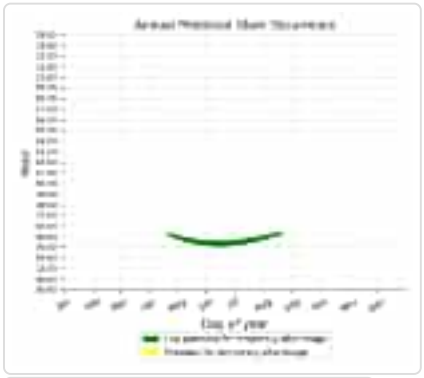


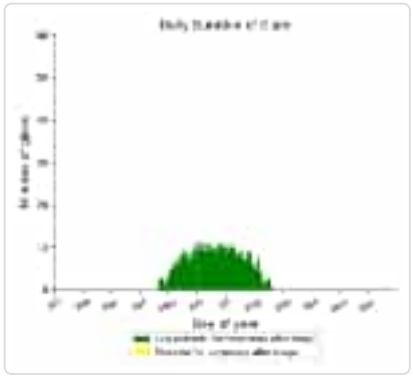


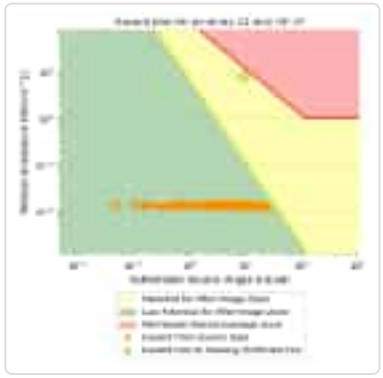
PV array 11: OP 37

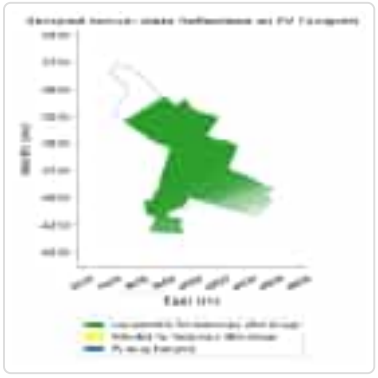
PV array is expected to produce the following glare for this receptor:

- 894 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





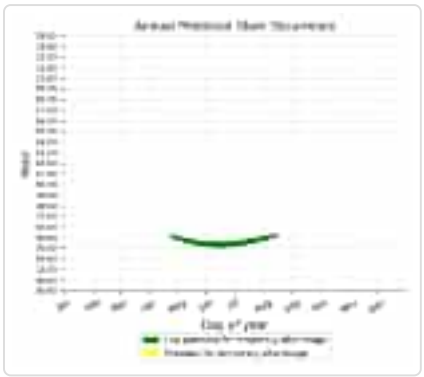


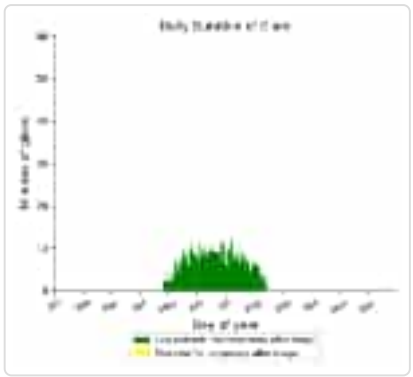


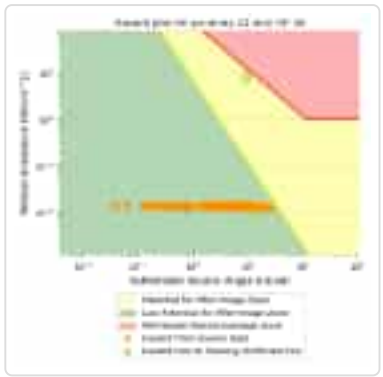
PV array 11: OP 38

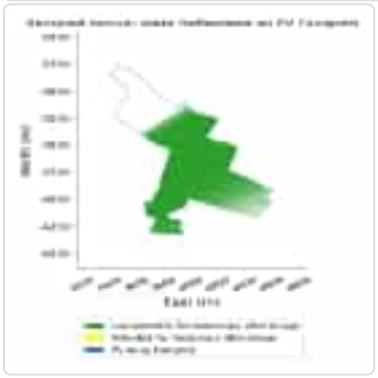
PV array is expected to produce the following glare for this receptor:

- 799 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





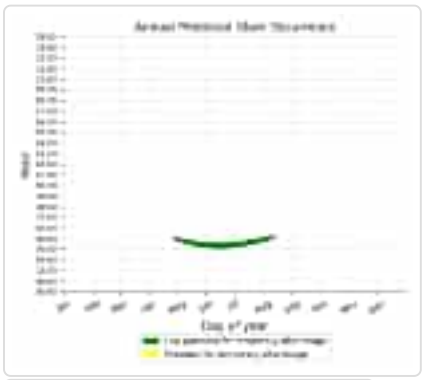


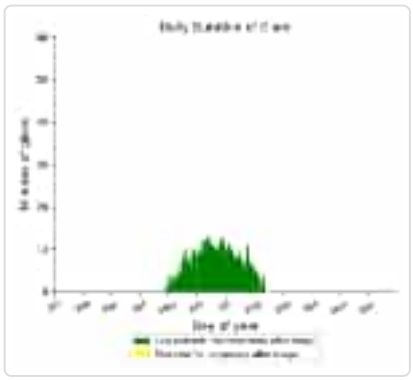


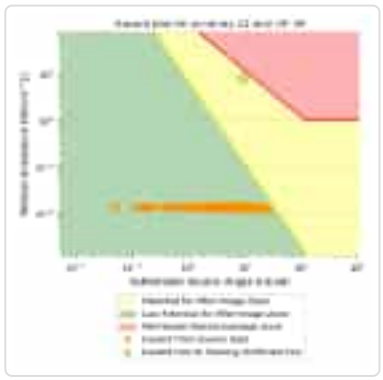
PV array 11: OP 39

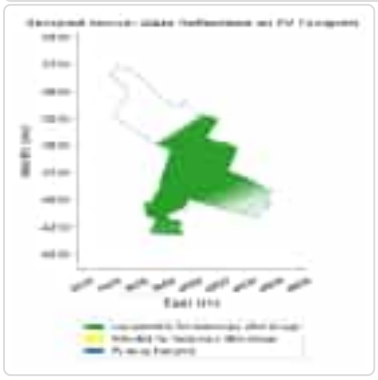
PV array is expected to produce the following glare for this receptor:

- 822 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





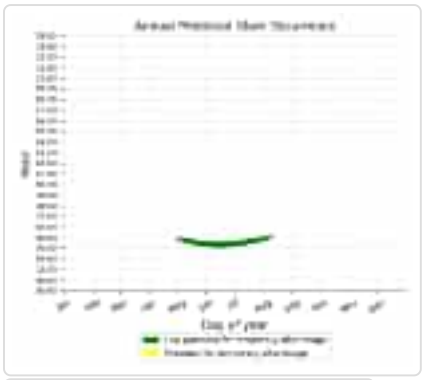


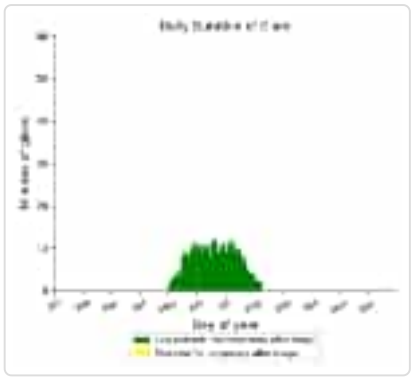


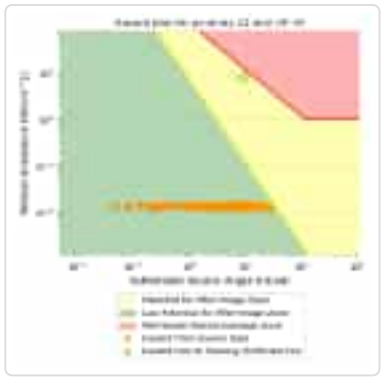
PV array 11: OP 40

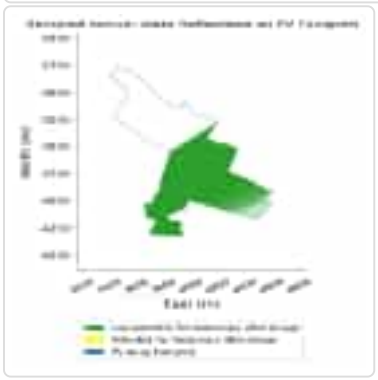
PV array is expected to produce the following glare for this receptor:

- 808 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





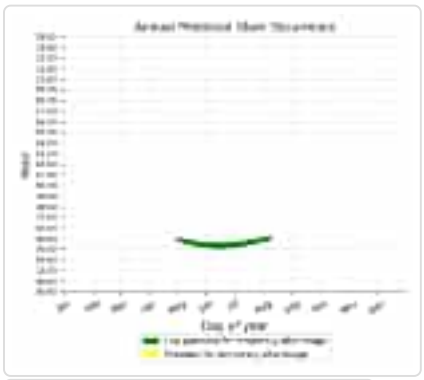


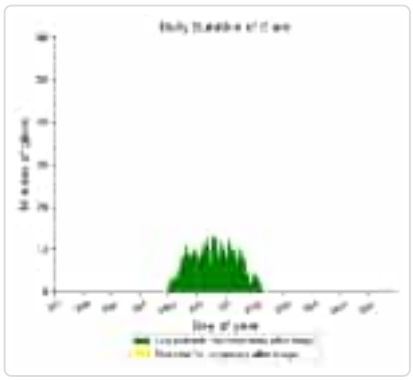


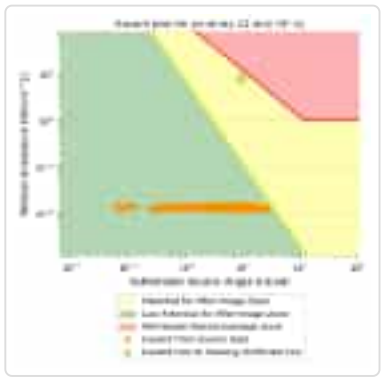
PV array 11: OP 41

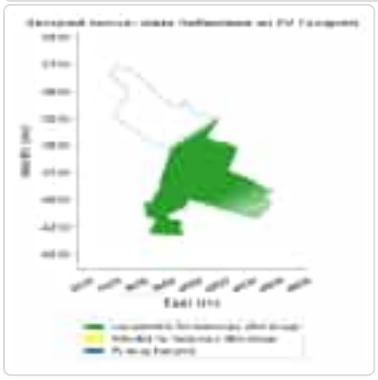
PV array is expected to produce the following glare for this receptor:

- 766 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





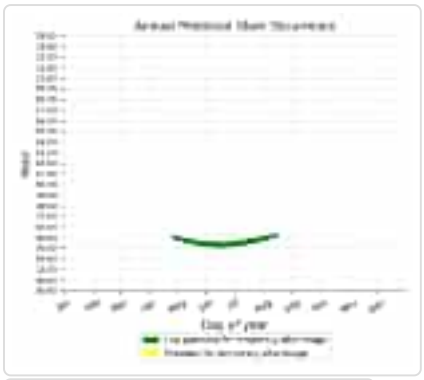


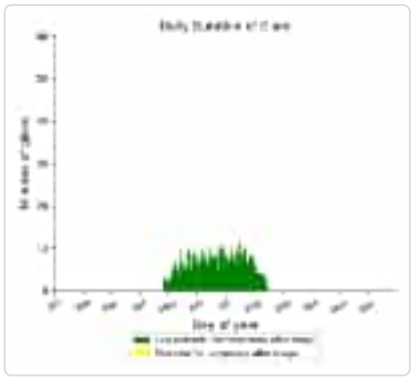


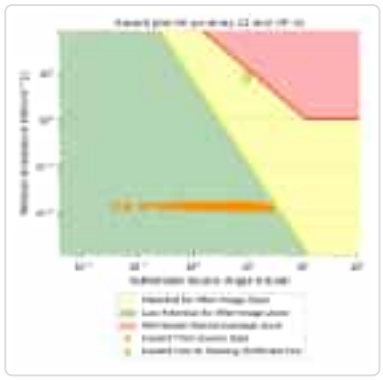
PV array 11: OP 42

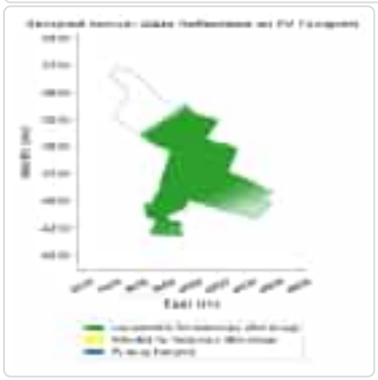
PV array is expected to produce the following glare for this receptor:

- 768 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





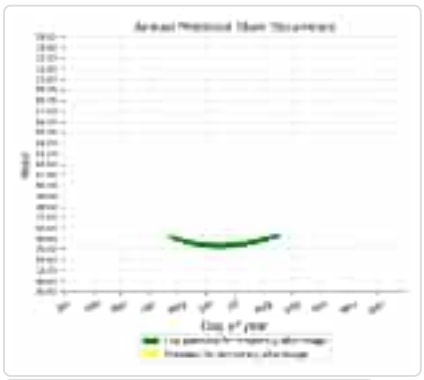


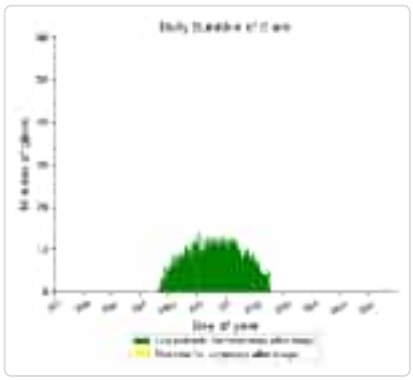


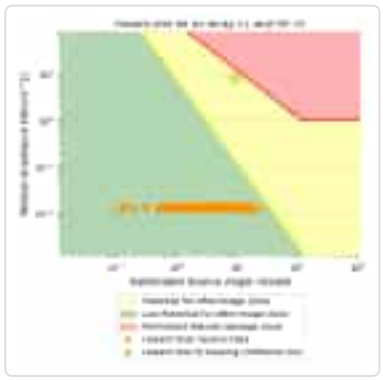
PV array 11: OP 43

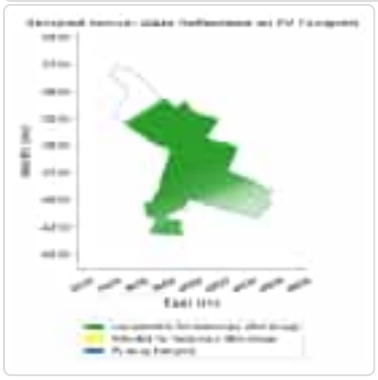
PV array is expected to produce the following glare for this receptor:

- 1,077 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12 low potential for temporary after-image

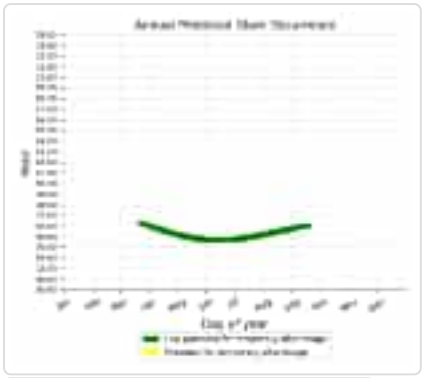
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	2864	0
OP: OP 2	734	0
OP: OP 3	630	0
OP: OP 4	735	0
OP: OP 5	774	0
OP: OP 6	415	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	859	0
OP: OP 10	1053	0
OP: OP 11	1219	0
OP: OP 12	1291	0
OP: OP 13	1495	0
OP: OP 14	1796	0
OP: OP 15	1923	0
OP: OP 16	1857	0
OP: OP 17	1554	0
OP: OP 18	1486	0
OP: OP 19	1783	0
OP: OP 20	2079	0
OP: OP 21	1449	0
OP: OP 22	1383	0
OP: OP 23	1213	0
OP: OP 24	1409	0
OP: OP 25	1198	0

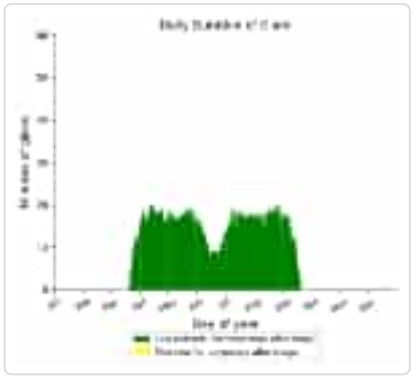
OP: OP 26	1087	0
OP: OP 27	1035	0
OP: OP 28	982	0
OP: OP 29	1121	0
OP: OP 30	1059	0
OP: OP 31	1116	0
OP: OP 32	1206	0
OP: OP 33	316	0
OP: OP 34	588	0
OP: OP 35	638	0
OP: OP 36	627	0
OP: OP 37	683	0
OP: OP 38	779	0
OP: OP 39	836	0
OP: OP 40	716	0
OP: OP 41	759	0
OP: OP 42	718	0
OP: OP 43	659	0

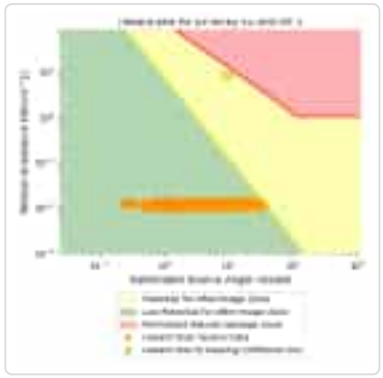
PV array 12: OP 1

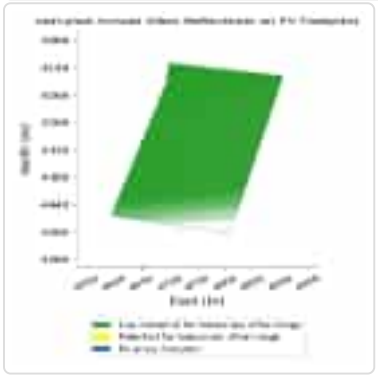
PV array is expected to produce the following glare for this receptor:

- 2,864 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





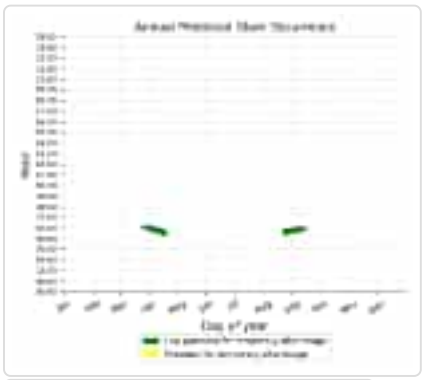


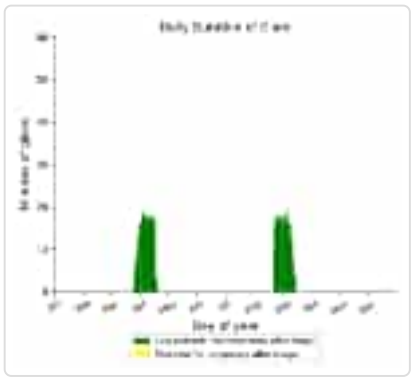


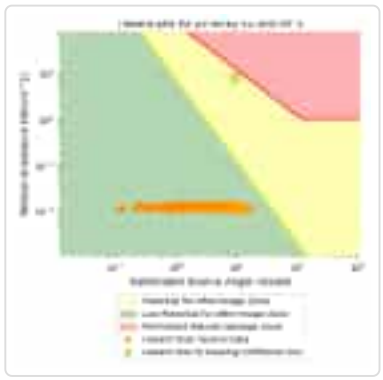
PV array 12: OP 2

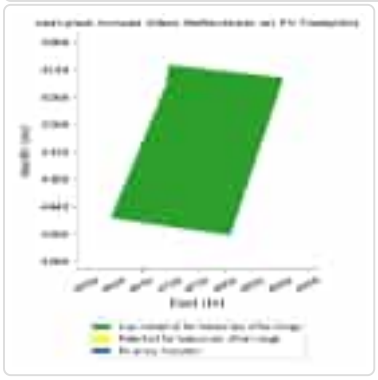
PV array is expected to produce the following glare for this receptor:

- 734 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





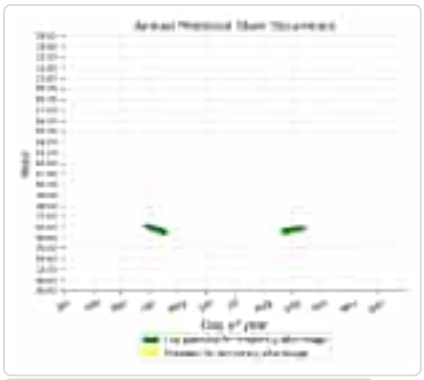


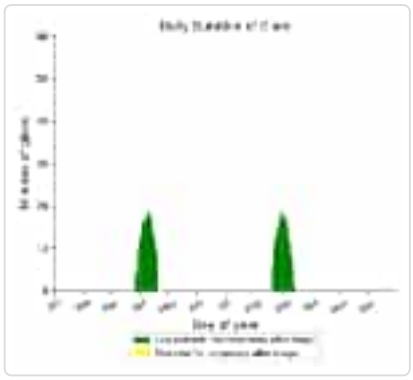


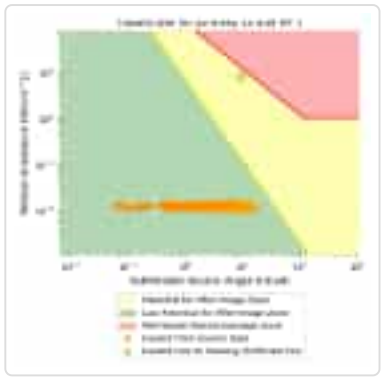
PV array 12: OP 3

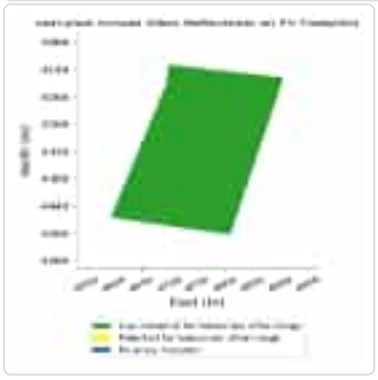
PV array is expected to produce the following glare for this receptor:

- 630 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





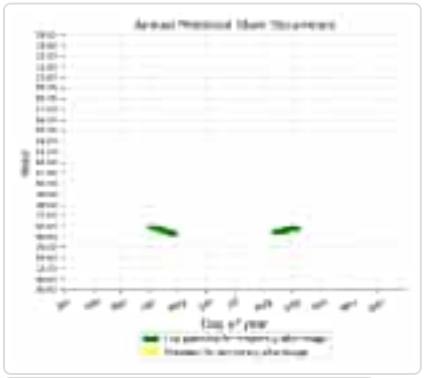


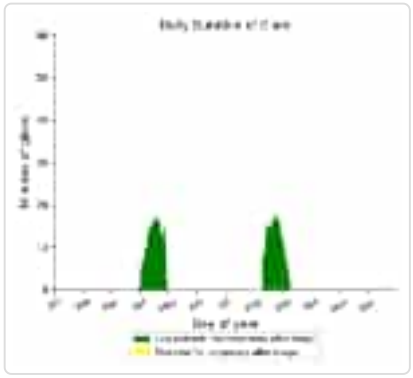


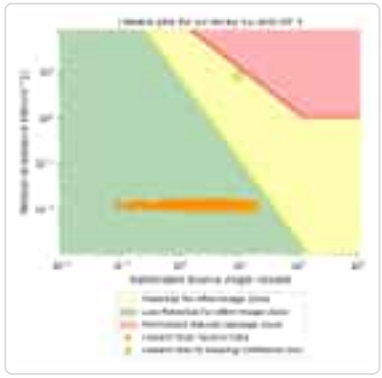
PV array 12: OP 4

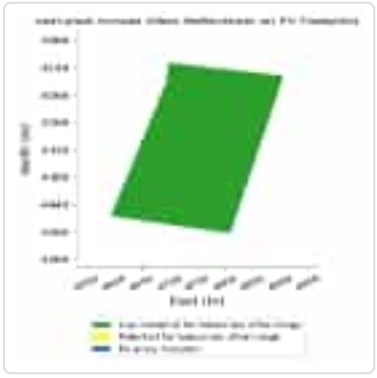
PV array is expected to produce the following glare for this receptor:

- 735 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





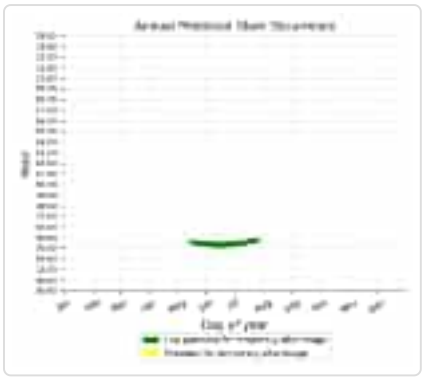


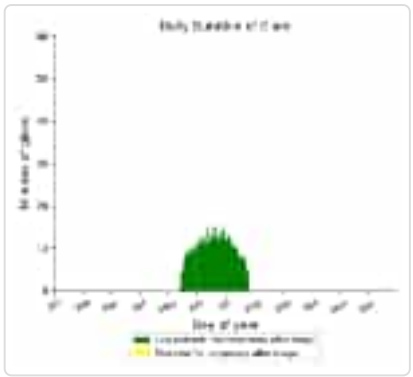


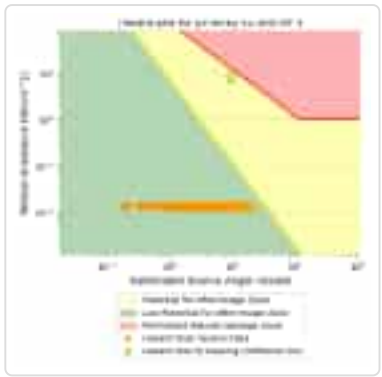
PV array 12: OP 5

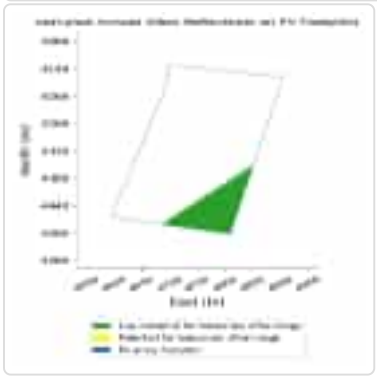
PV array is expected to produce the following glare for this receptor:

- 774 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





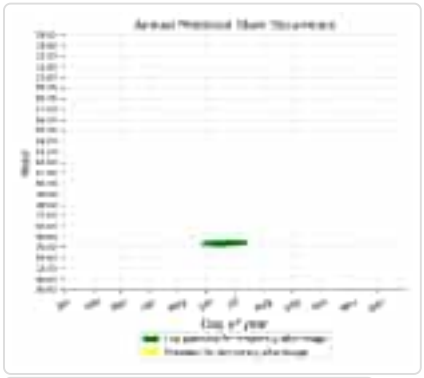


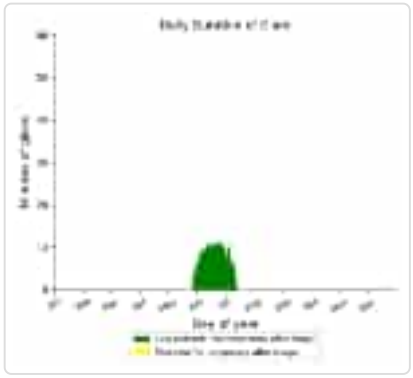


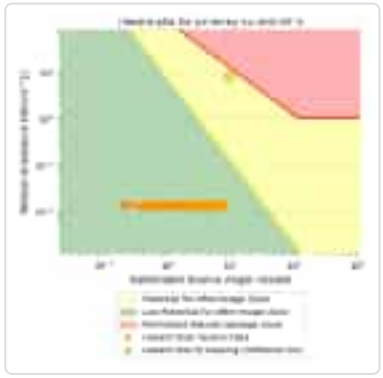
PV array 12: OP 6

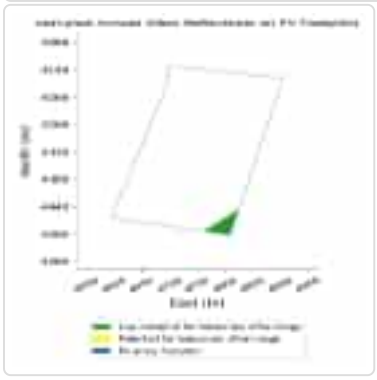
PV array is expected to produce the following glare for this receptor:

- 415 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12: OP 7

No glare found

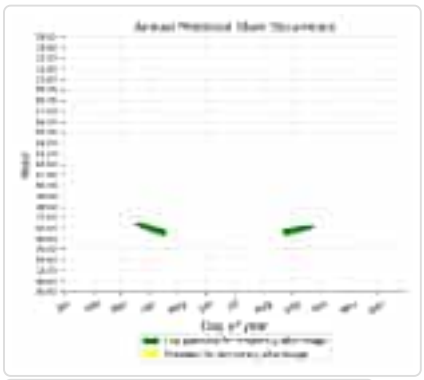
PV array 12: OP 8

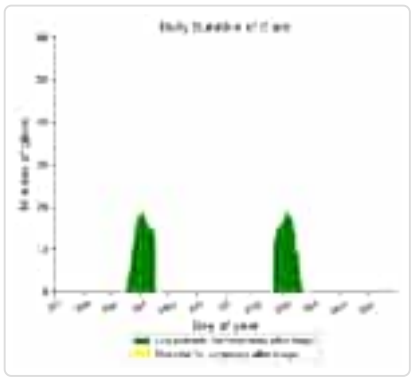
No glare found

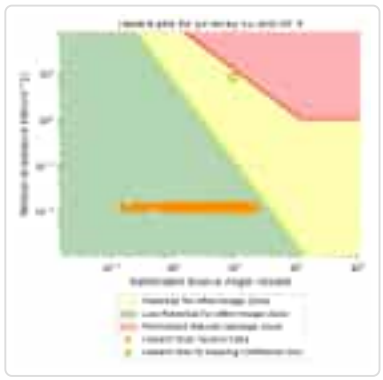
PV array 12: OP 9

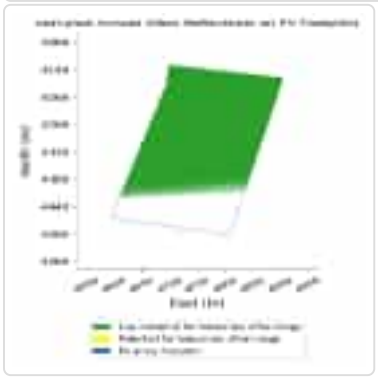
PV array is expected to produce the following glare for this receptor:

- 859 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





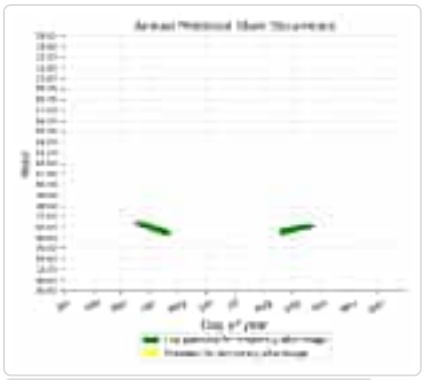


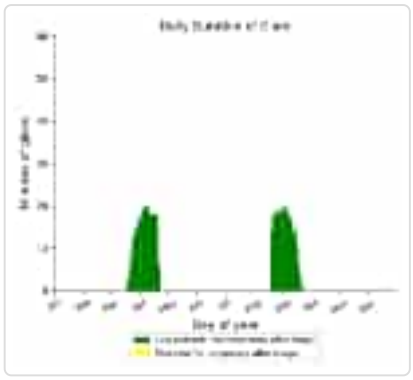


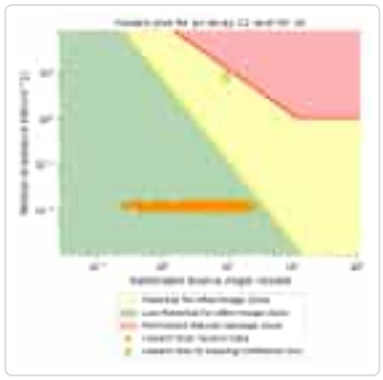
PV array 12: OP 10

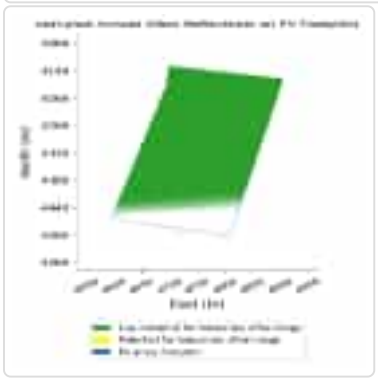
PV array is expected to produce the following glare for this receptor:

- 1,053 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





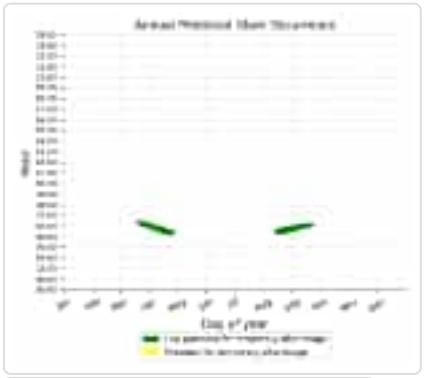


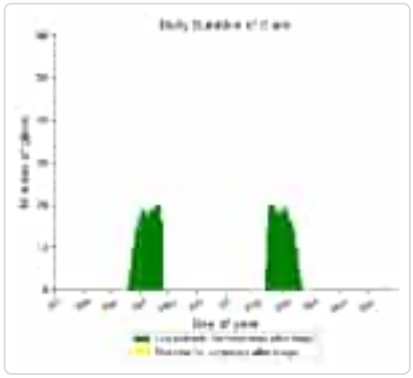


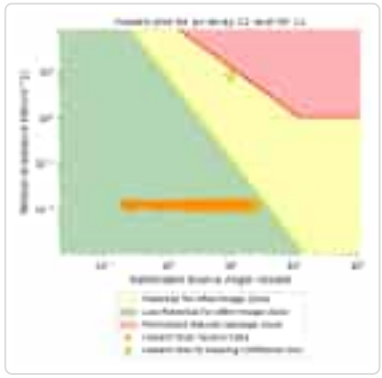
PV array 12: OP 11

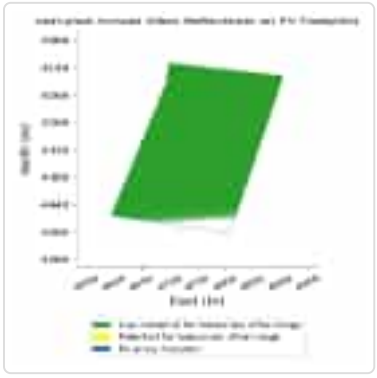
PV array is expected to produce the following glare for this receptor:

- 1,219 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





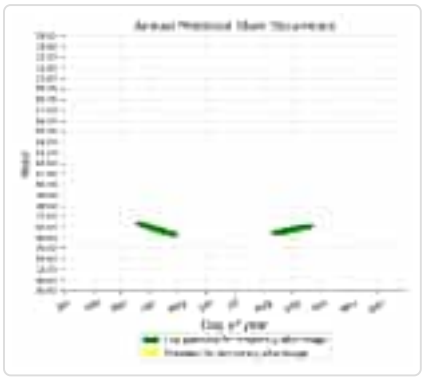


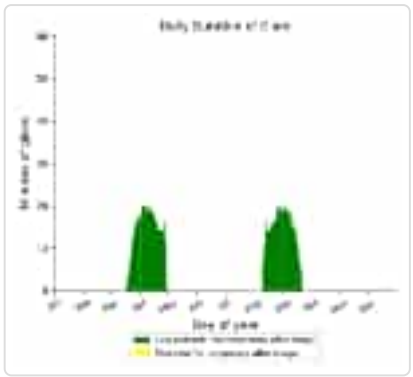


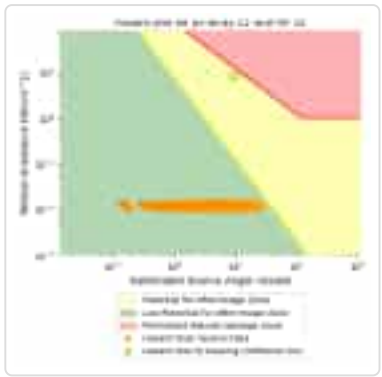
PV array 12: OP 12

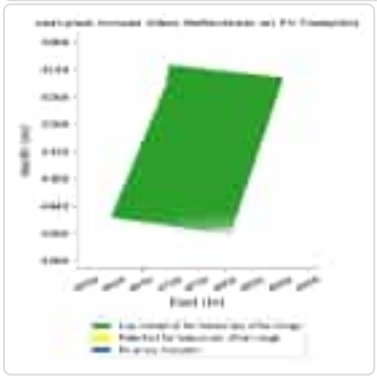
PV array is expected to produce the following glare for this receptor:

- 1,291 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





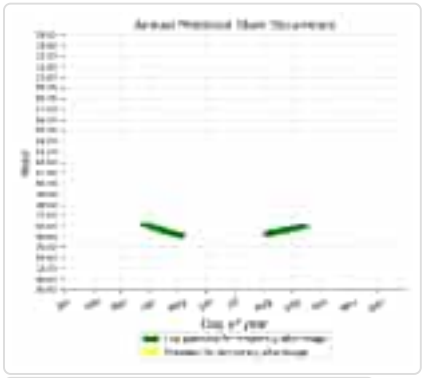


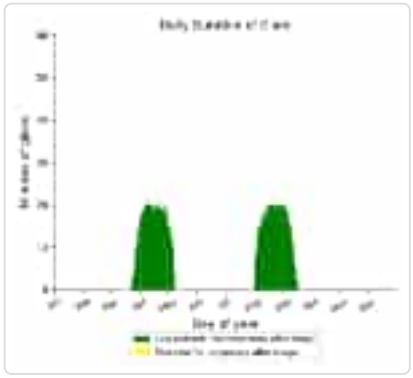


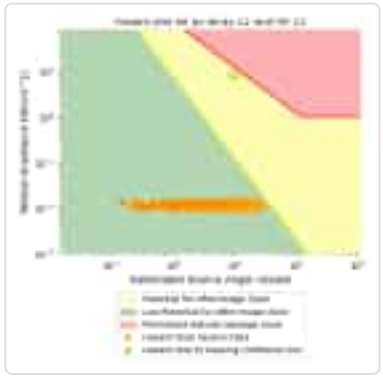
PV array 12: OP 13

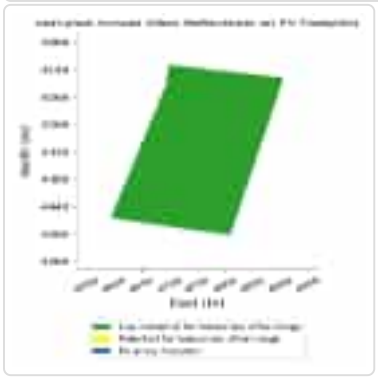
PV array is expected to produce the following glare for this receptor:

- 1,495 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





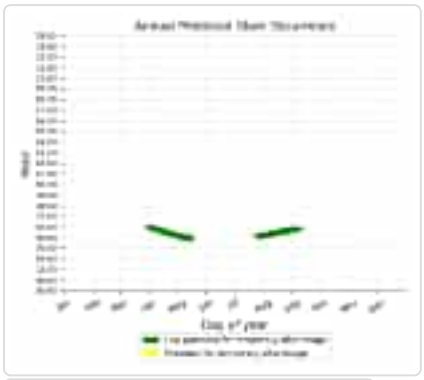


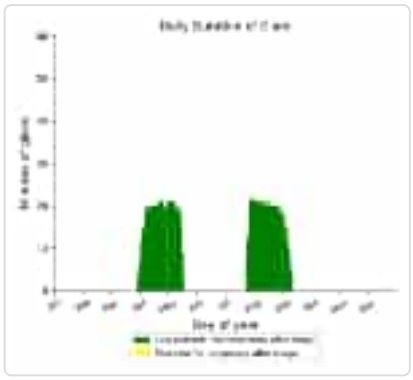


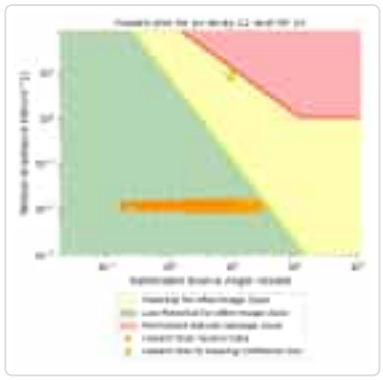
PV array 12: OP 14

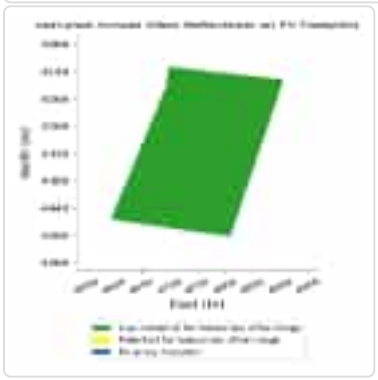
PV array is expected to produce the following glare for this receptor:

- 1,796 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





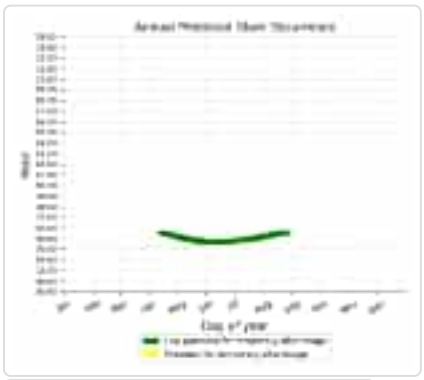


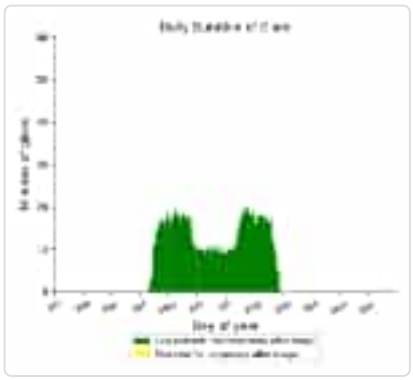


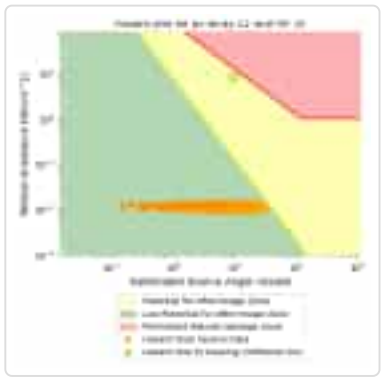
PV array 12: OP 15

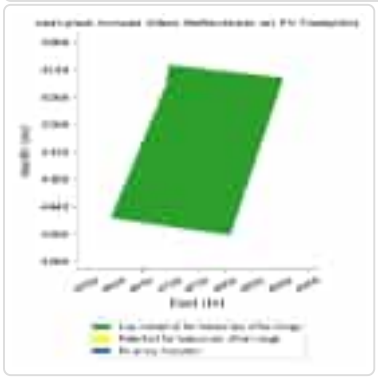
PV array is expected to produce the following glare for this receptor:

- 1,923 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





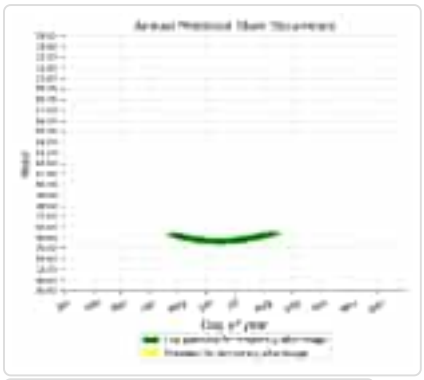


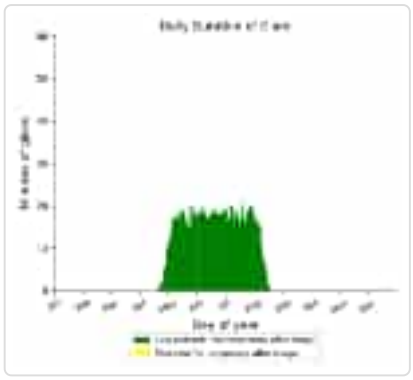


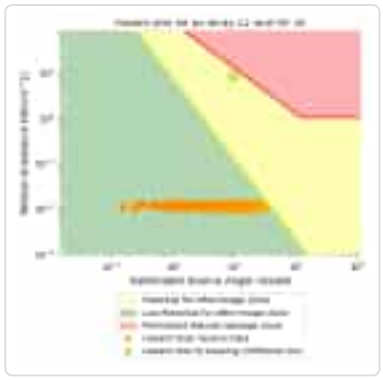
PV array 12: OP 16

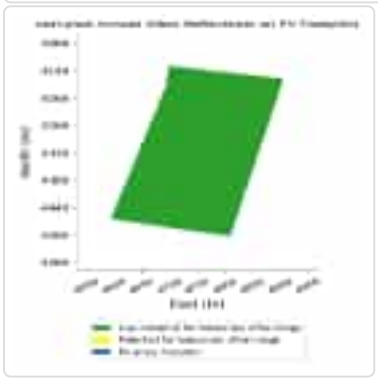
PV array is expected to produce the following glare for this receptor:

- 1,857 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





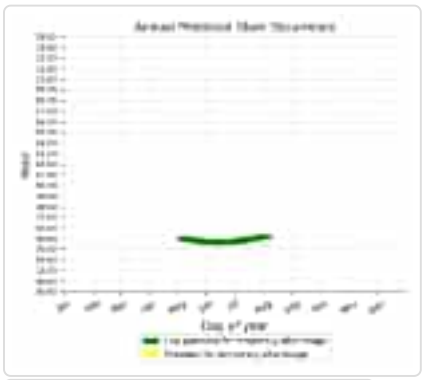


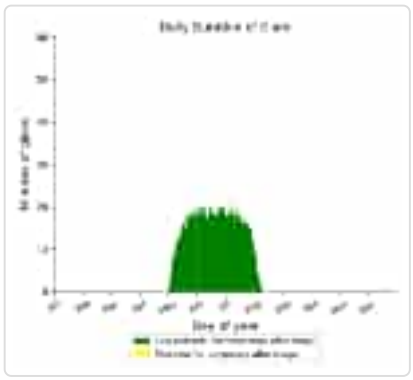


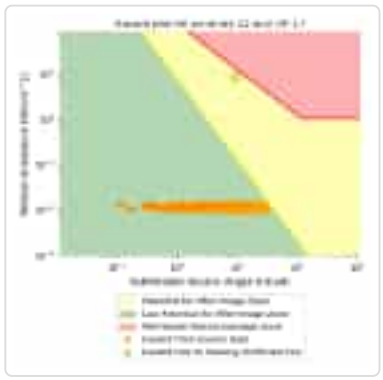
PV array 12: OP 17

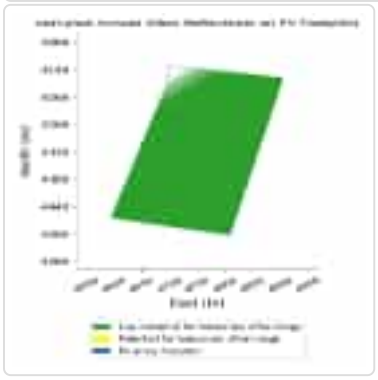
PV array is expected to produce the following glare for this receptor:

- 1,554 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





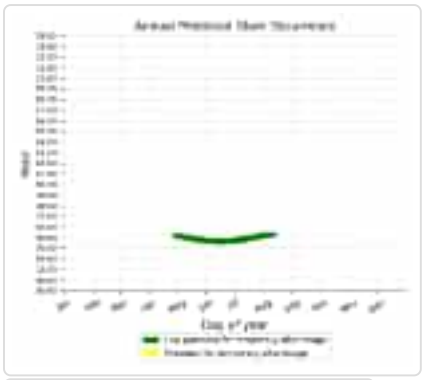


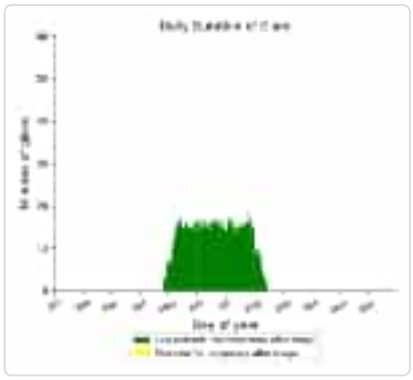


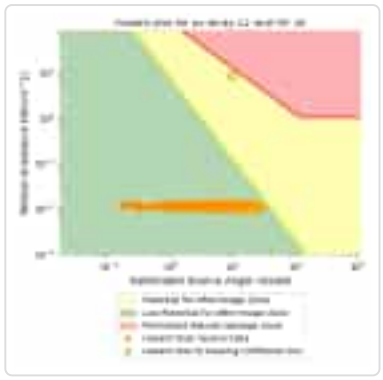
PV array 12: OP 18

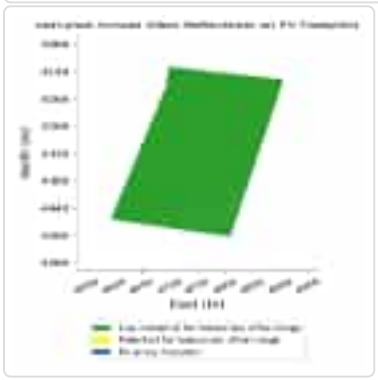
PV array is expected to produce the following glare for this receptor:

- 1,486 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





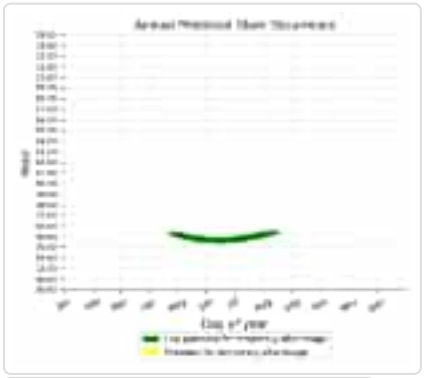


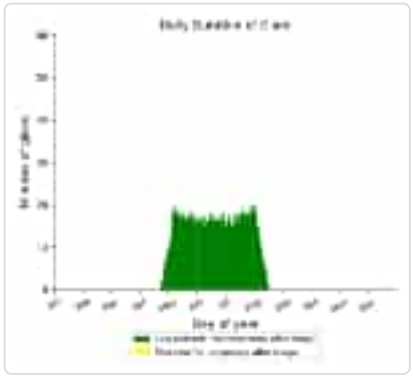


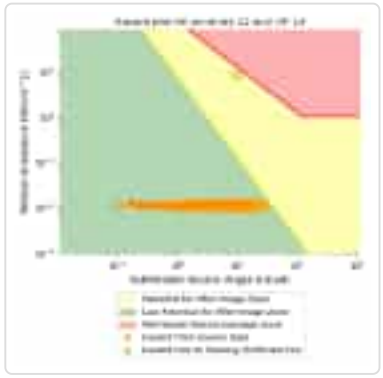
PV array 12: OP 19

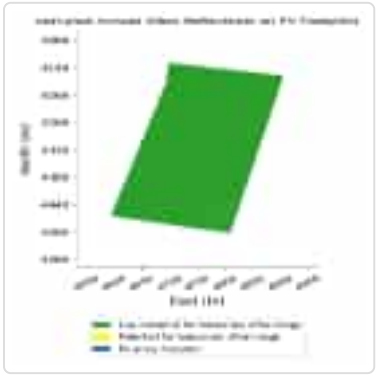
PV array is expected to produce the following glare for this receptor:

- 1,783 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





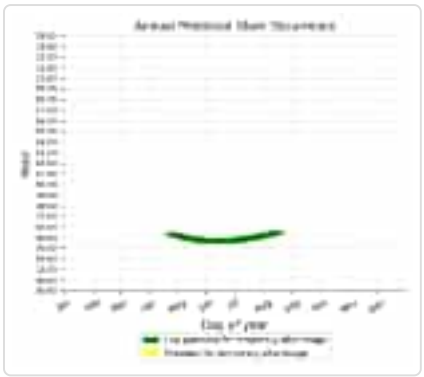


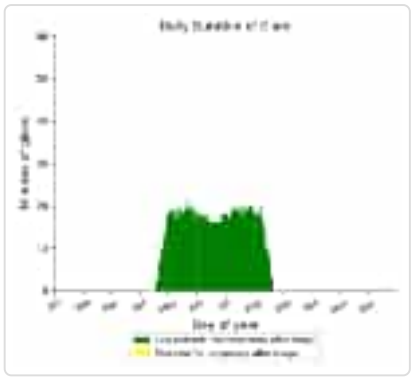


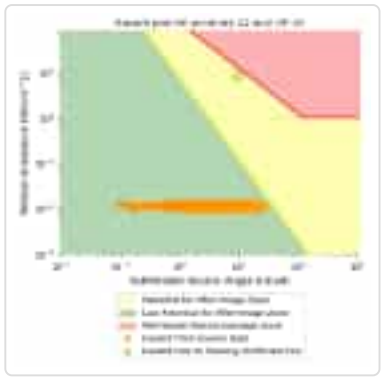
PV array 12: OP 20

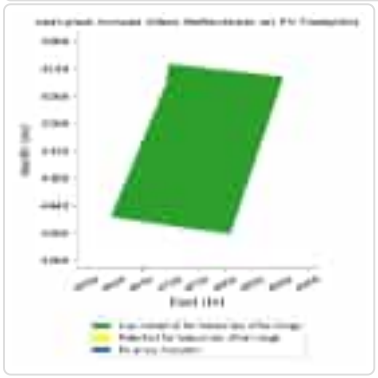
PV array is expected to produce the following glare for this receptor:

- 2,079 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





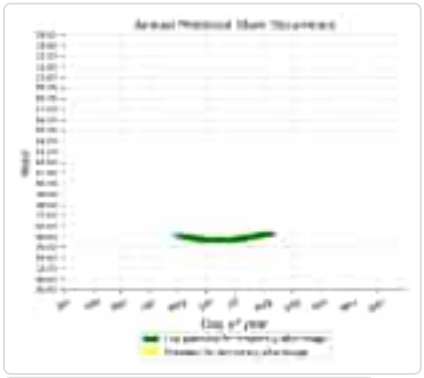


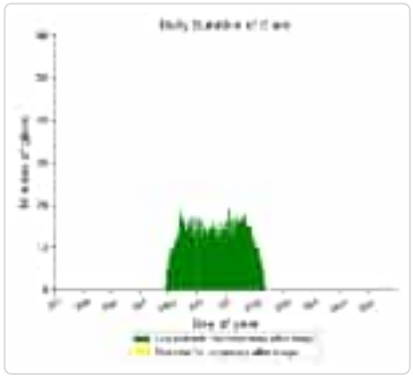


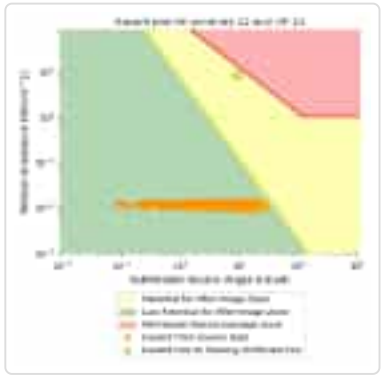
PV array 12: OP 21

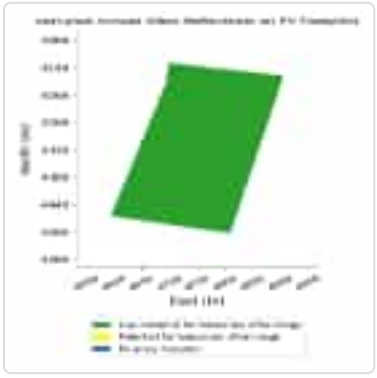
PV array is expected to produce the following glare for this receptor:

- 1,449 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





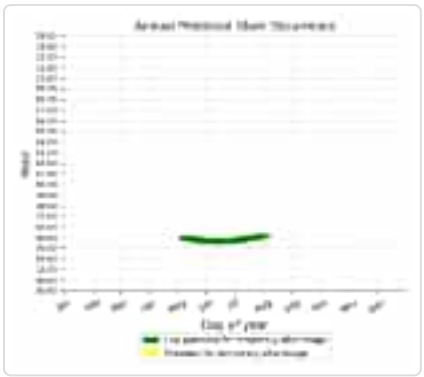


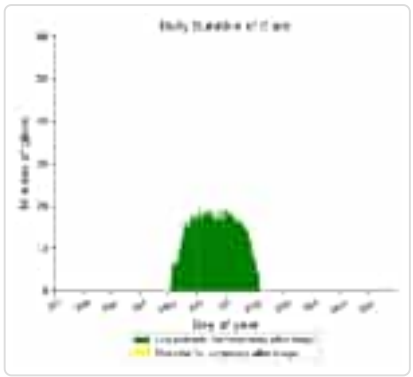


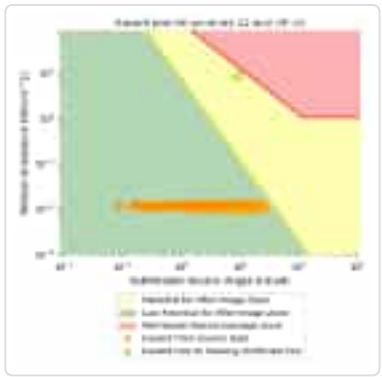
PV array 12: OP 22

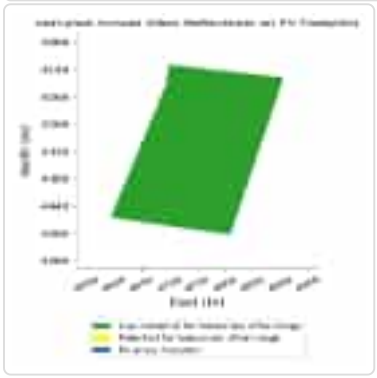
PV array is expected to produce the following glare for this receptor:

- 1,383 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





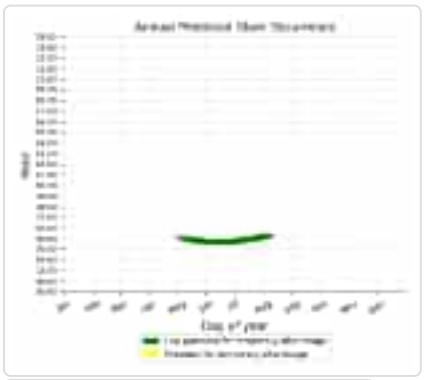


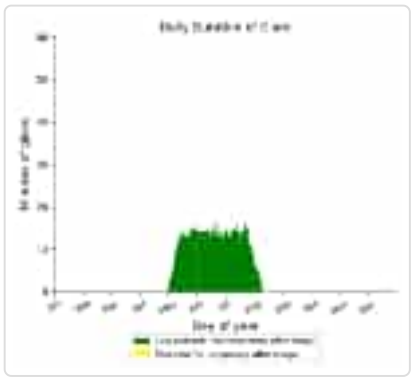


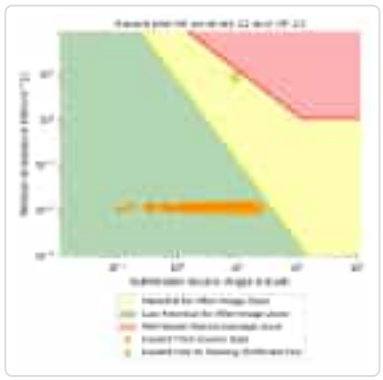
PV array 12: OP 23

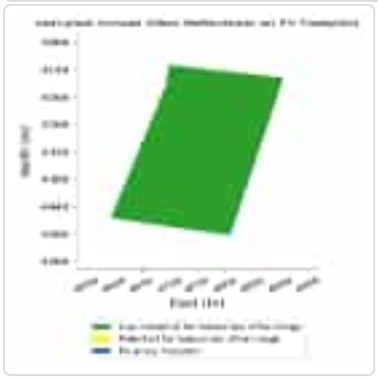
PV array is expected to produce the following glare for this receptor:

- 1,213 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





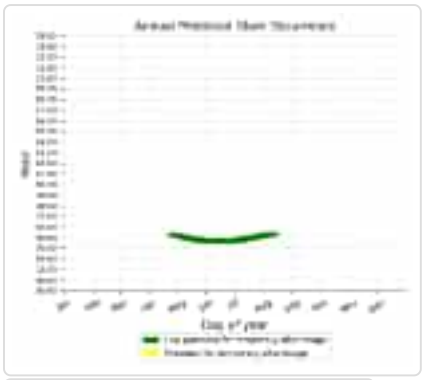


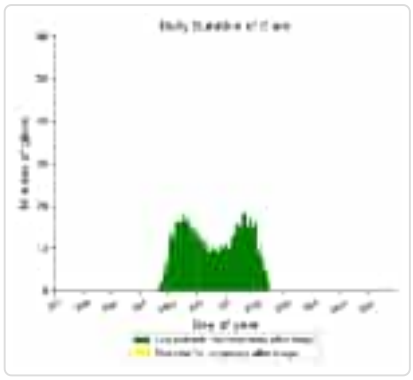


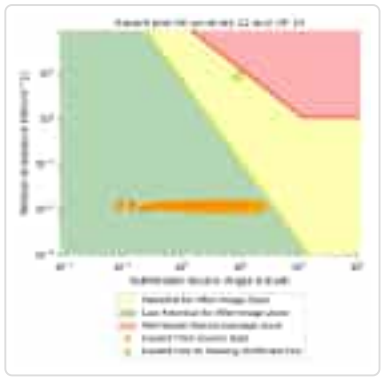
PV array 12: OP 24

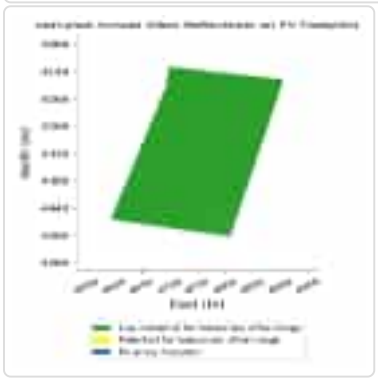
PV array is expected to produce the following glare for this receptor:

- 1,409 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





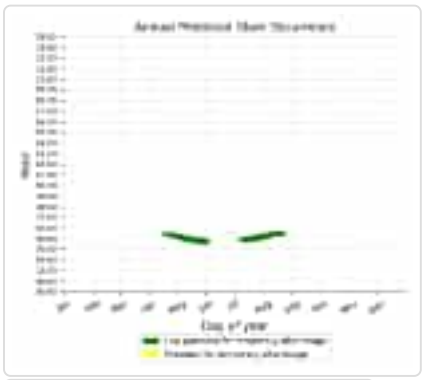


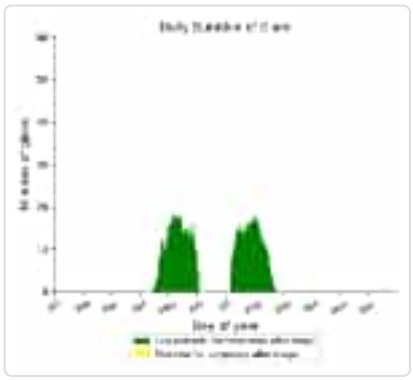


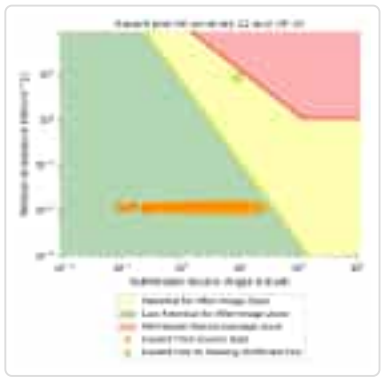
PV array 12: OP 25

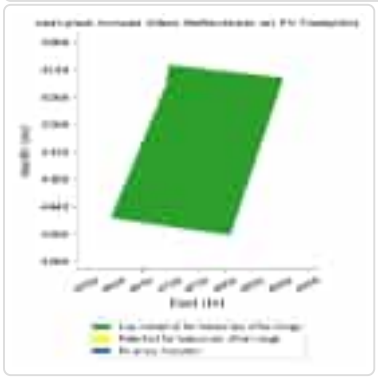
PV array is expected to produce the following glare for this receptor:

- 1,198 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





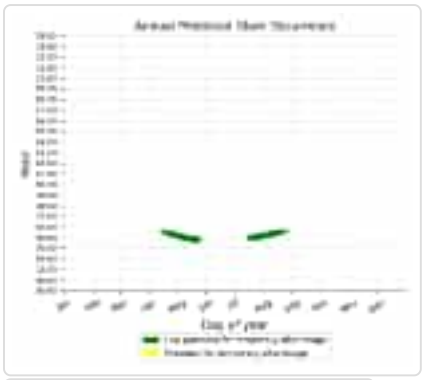


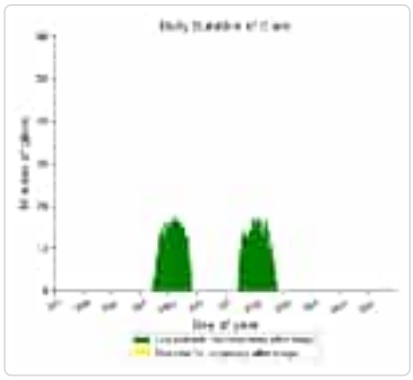


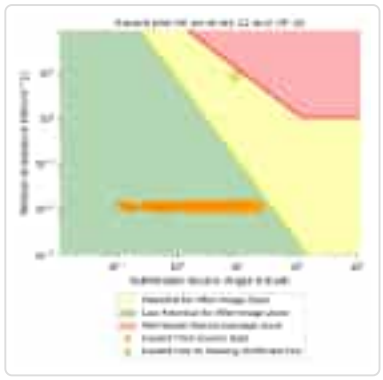
PV array 12: OP 26

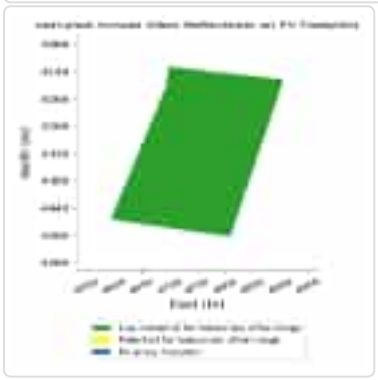
PV array is expected to produce the following glare for this receptor:

- 1,087 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





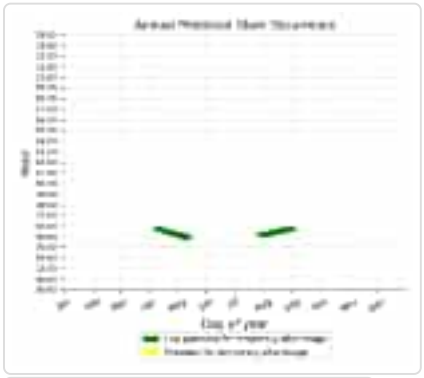


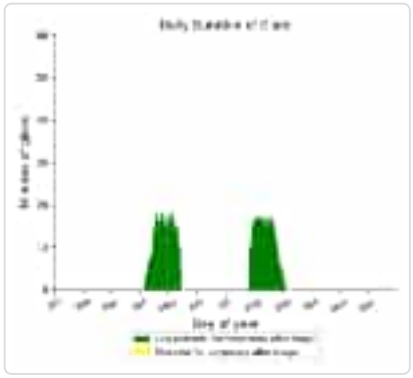


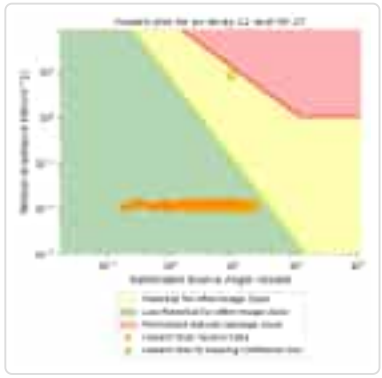
PV array 12: OP 27

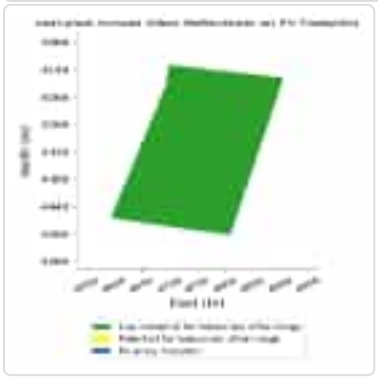
PV array is expected to produce the following glare for this receptor:

- 1,035 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





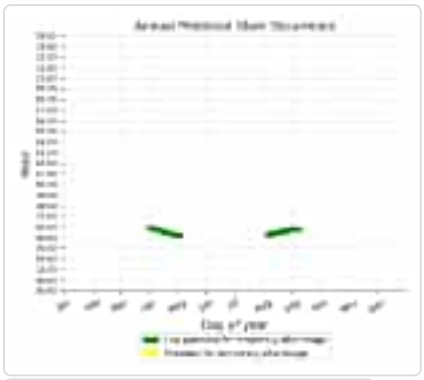


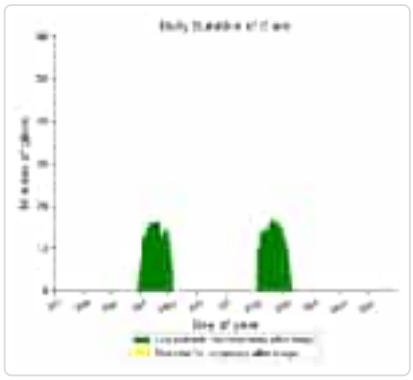


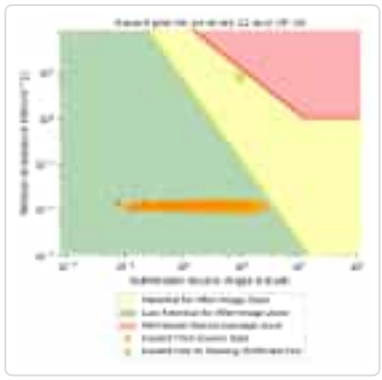
PV array 12: OP 28

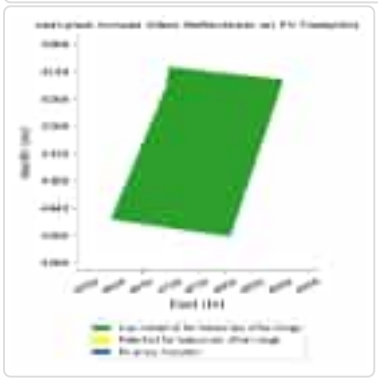
PV array is expected to produce the following glare for this receptor:

- 982 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





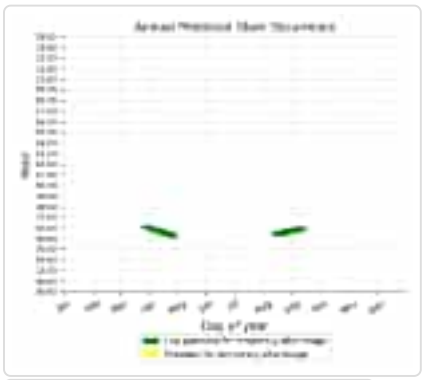


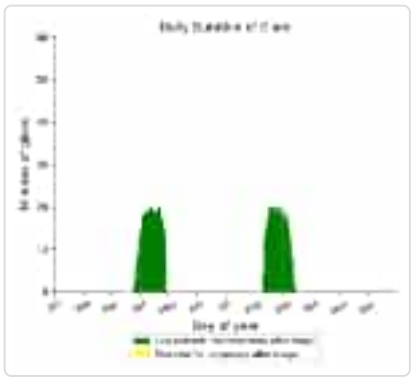


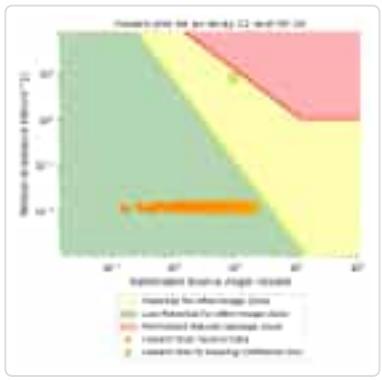
PV array 12: OP 29

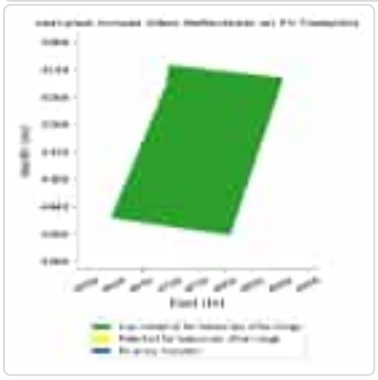
PV array is expected to produce the following glare for this receptor:

- 1,121 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





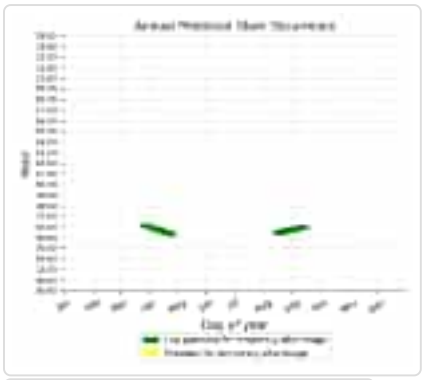


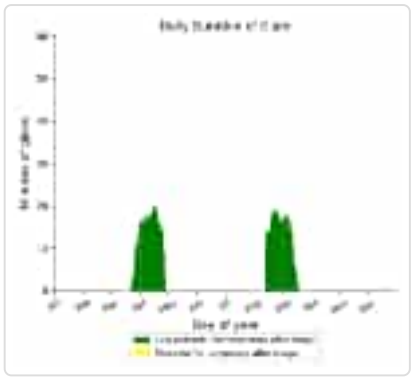


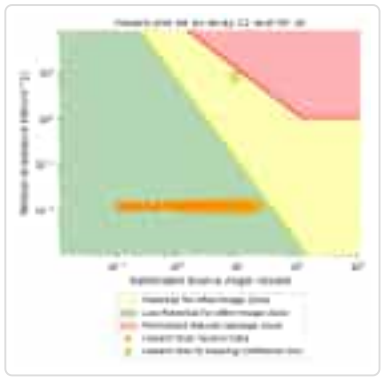
PV array 12: OP 30

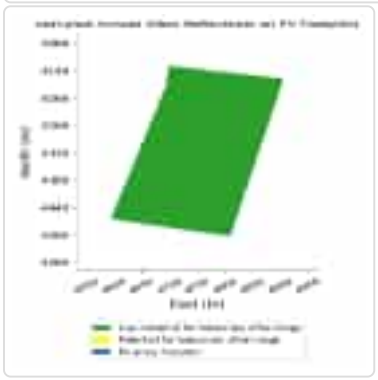
PV array is expected to produce the following glare for this receptor:

- 1,059 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





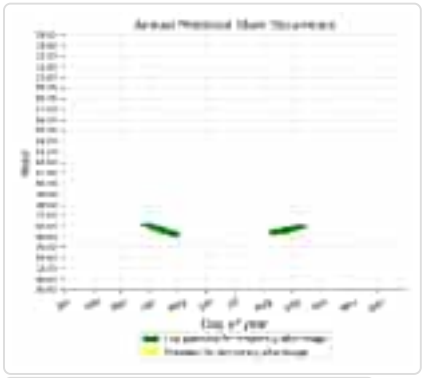


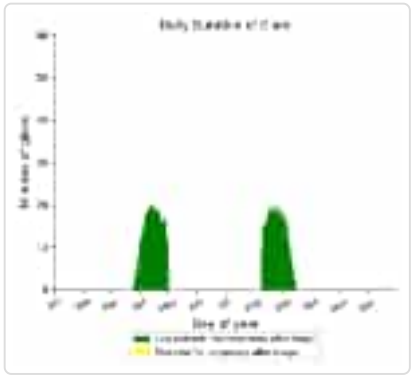


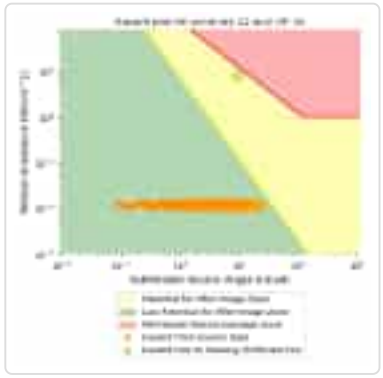
PV array 12: OP 31

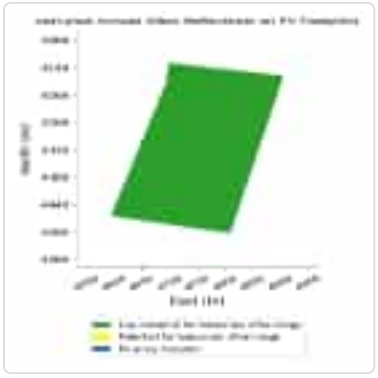
PV array is expected to produce the following glare for this receptor:

- 1,116 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





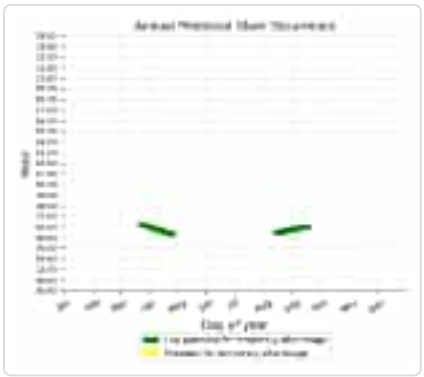


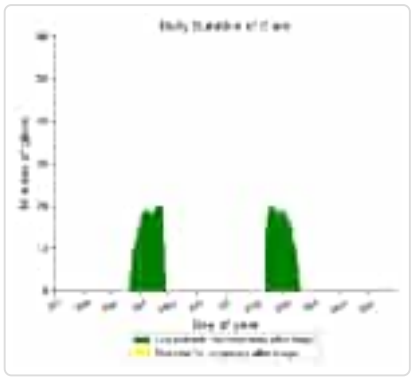


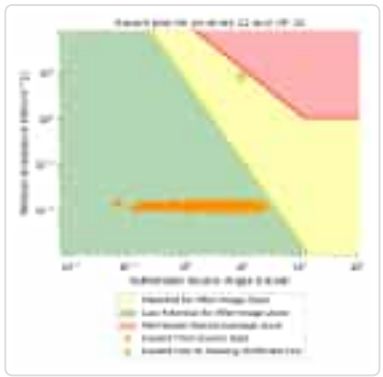
PV array 12: OP 32

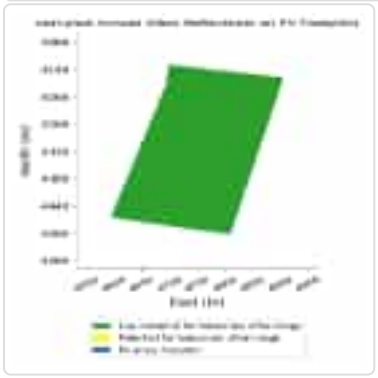
PV array is expected to produce the following glare for this receptor:

- 1,206 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





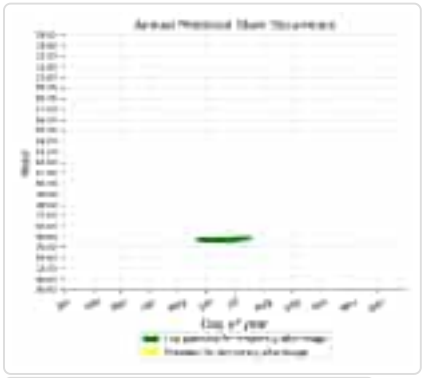


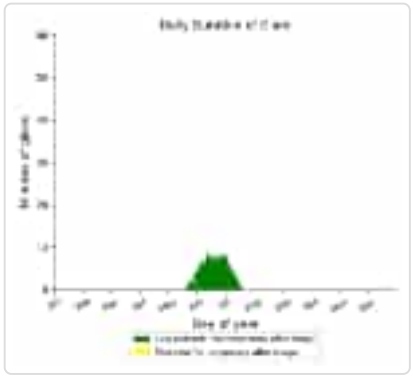


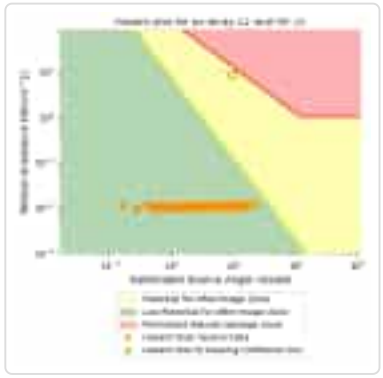
PV array 12: OP 33

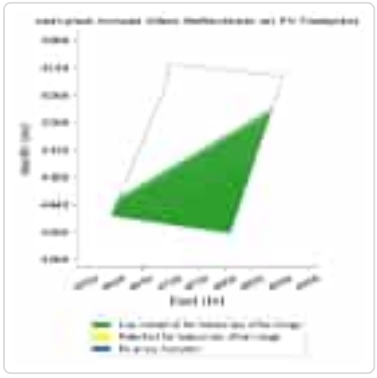
PV array is expected to produce the following glare for this receptor:

- 316 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





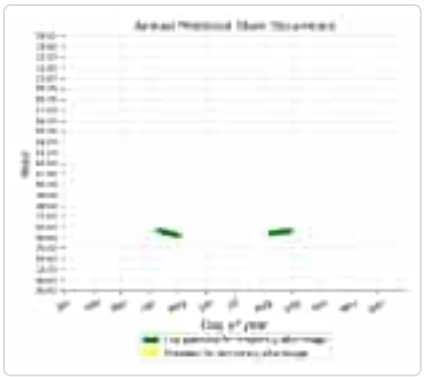


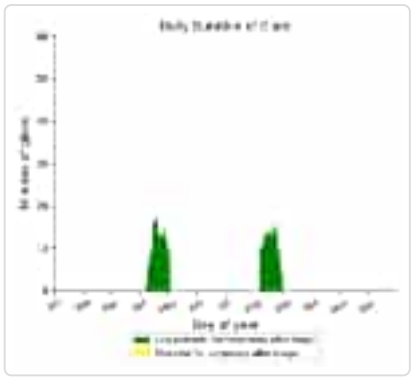


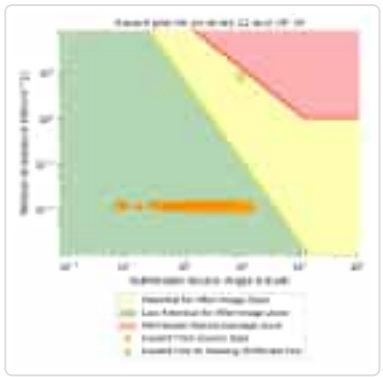
PV array 12: OP 34

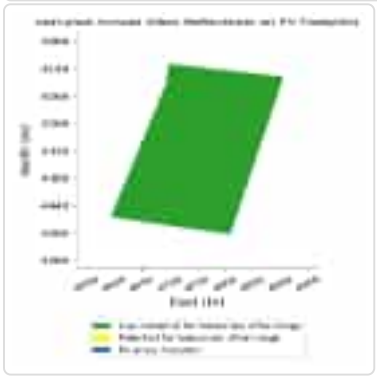
PV array is expected to produce the following glare for this receptor:

- 588 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





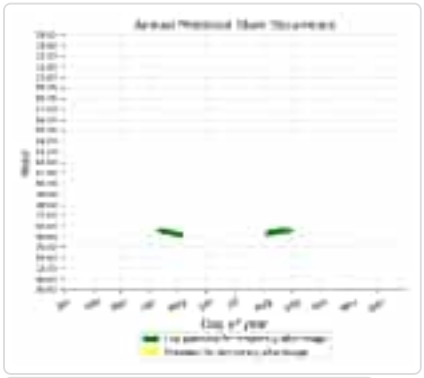


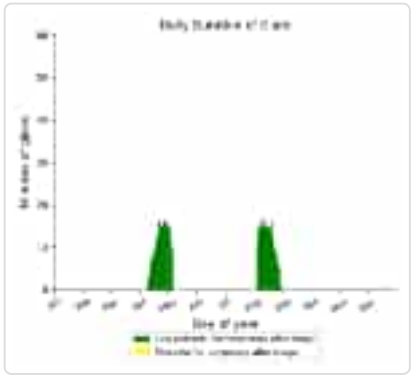


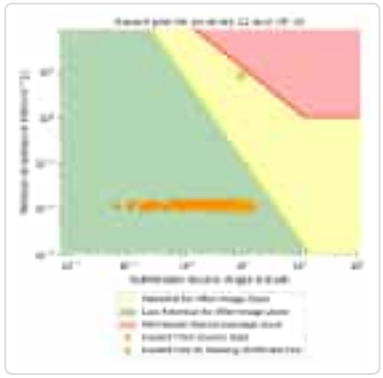
PV array 12: OP 35

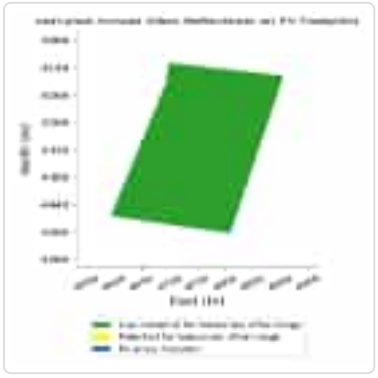
PV array is expected to produce the following glare for this receptor:

- 638 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





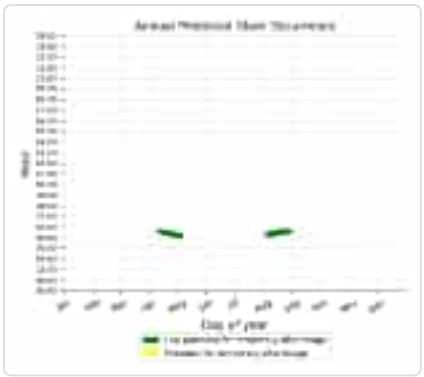


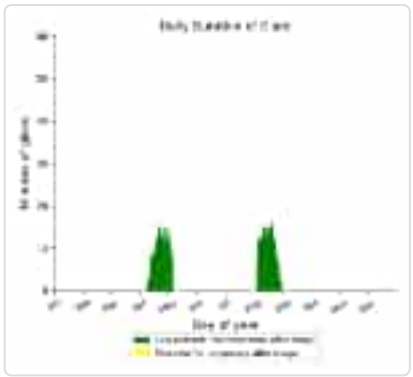


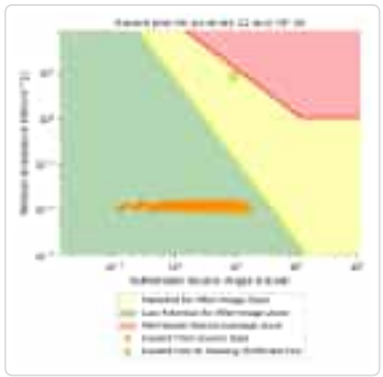
PV array 12: OP 36

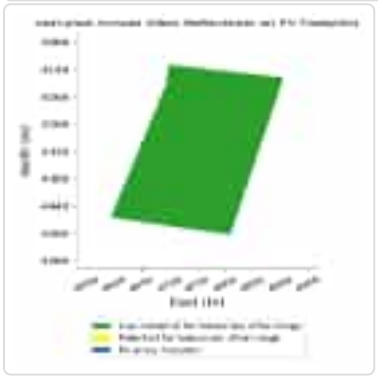
PV array is expected to produce the following glare for this receptor:

- 627 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





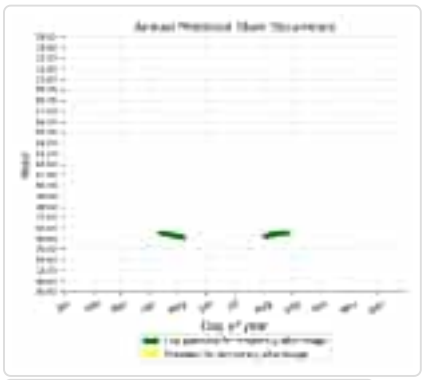


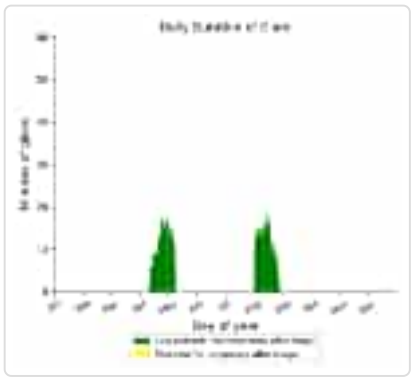


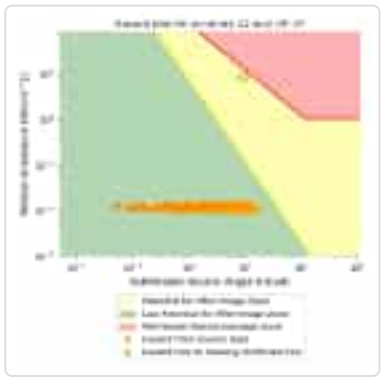
PV array 12: OP 37

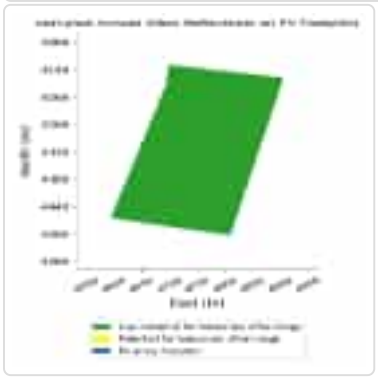
PV array is expected to produce the following glare for this receptor:

- 683 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





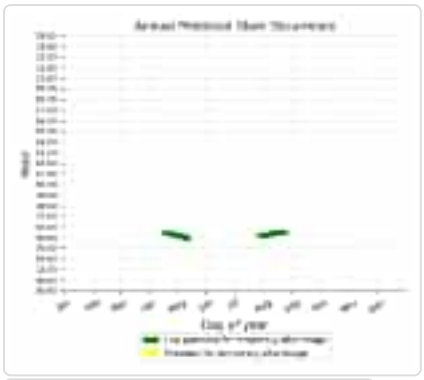


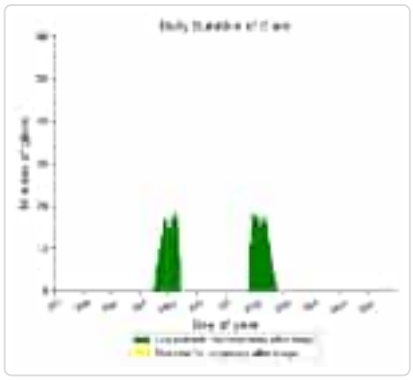


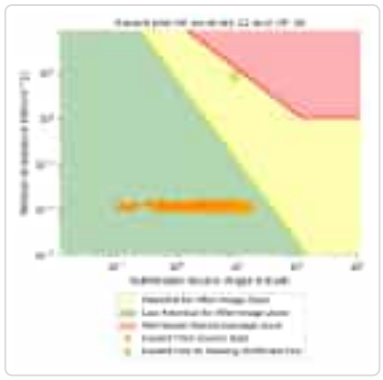
PV array 12: OP 38

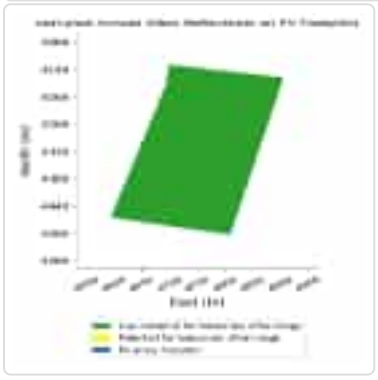
PV array is expected to produce the following glare for this receptor:

- 779 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





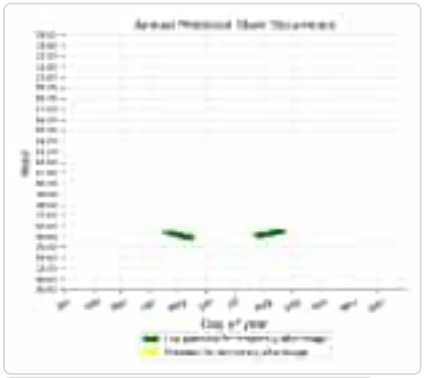


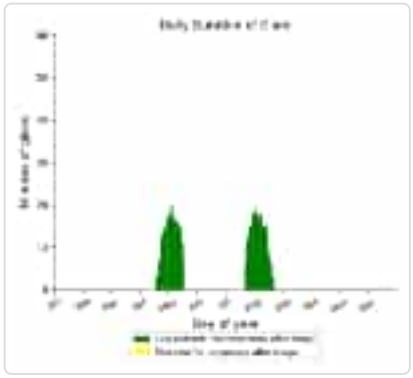


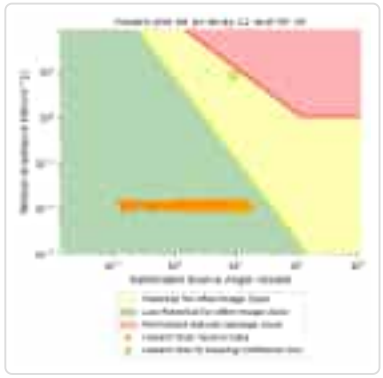
PV array 12: OP 39

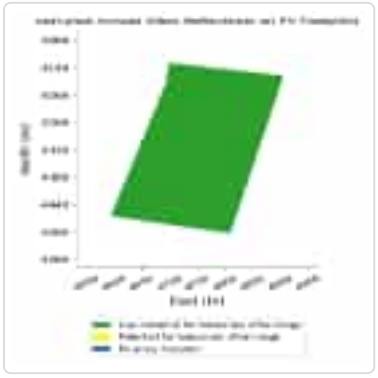
PV array is expected to produce the following glare for this receptor:

- 836 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





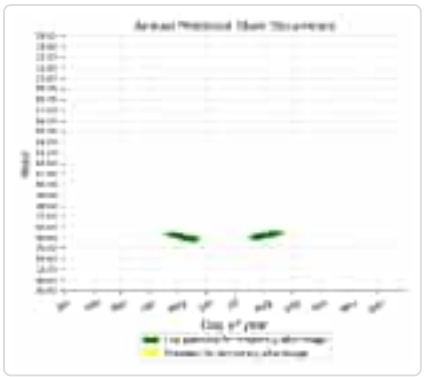


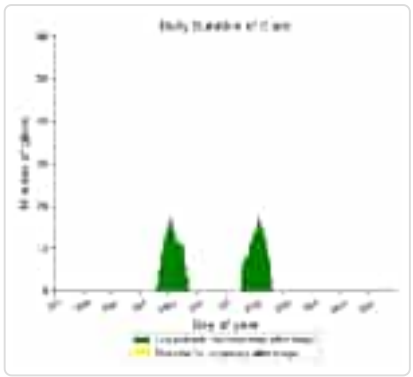


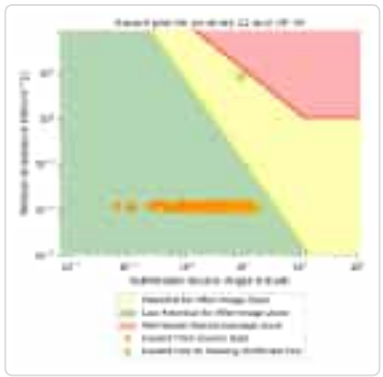
PV array 12: OP 40

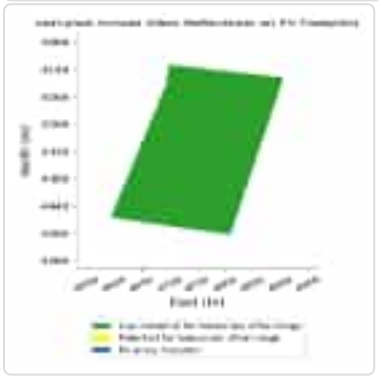
PV array is expected to produce the following glare for this receptor:

- 716 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





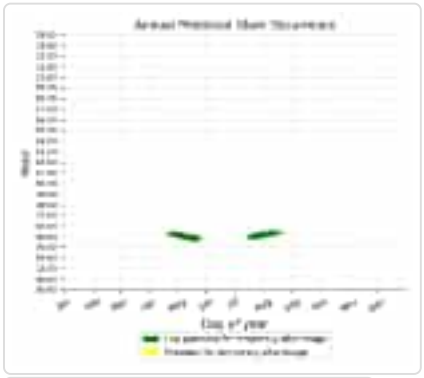


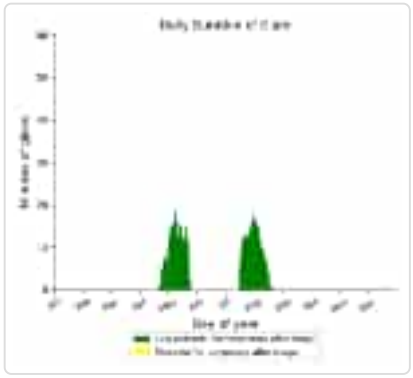


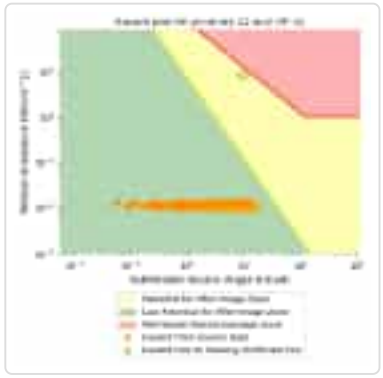
PV array 12: OP 41

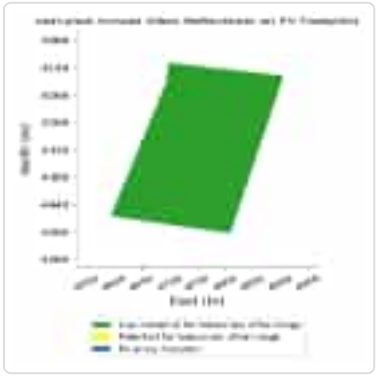
PV array is expected to produce the following glare for this receptor:

- 759 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





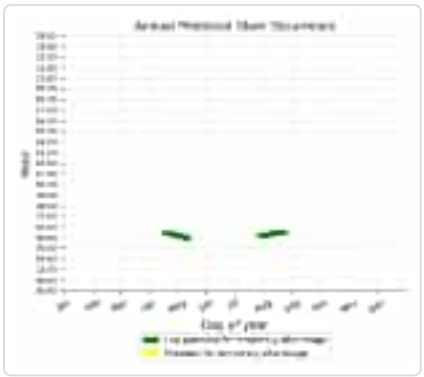


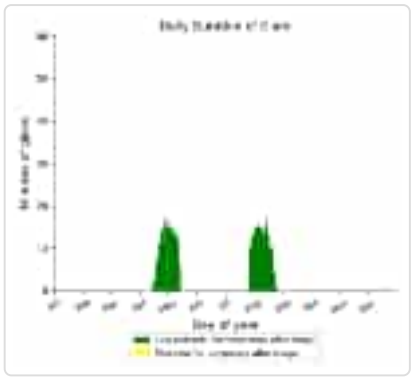


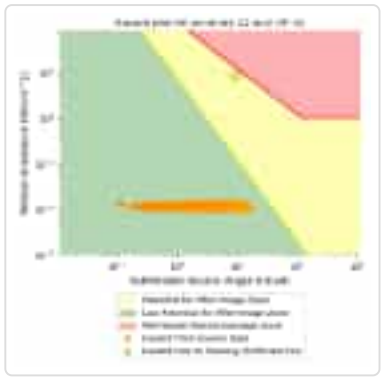
PV array 12: OP 42

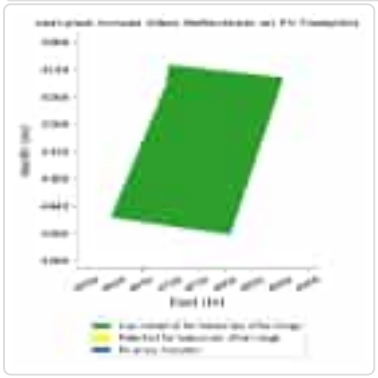
PV array is expected to produce the following glare for this receptor:

- 718 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





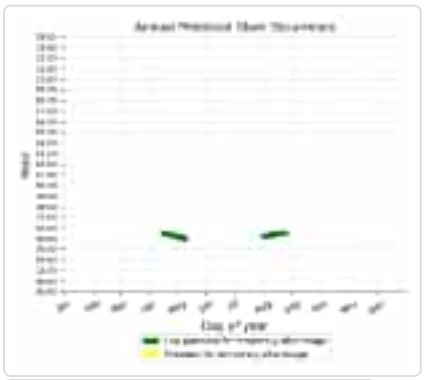


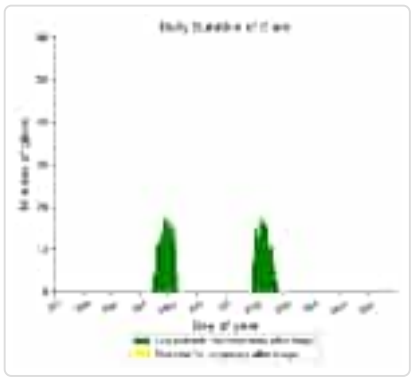


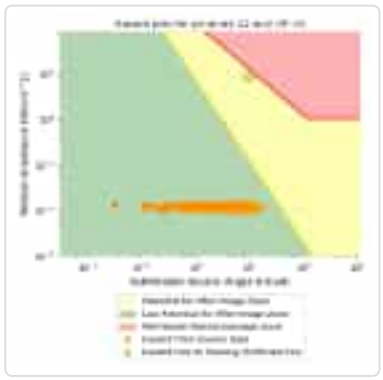
PV array 12: OP 43

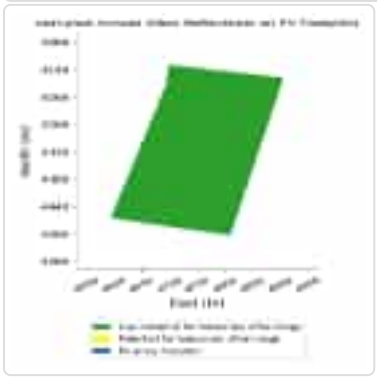
PV array is expected to produce the following glare for this receptor:

- 659 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 13 potential temporary after-image

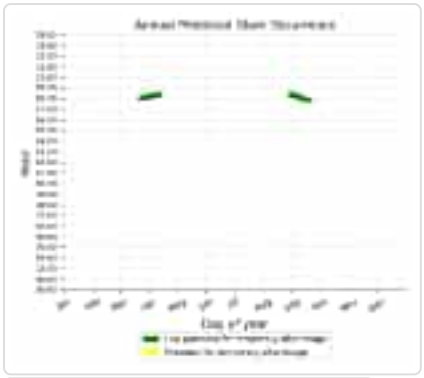
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	400	0
OP: OP 2	1403	3579
OP: OP 3	1479	3457
OP: OP 4	1663	2759
OP: OP 5	609	0
OP: OP 6	761	0
OP: OP 7	1081	0
OP: OP 8	724	0
OP: OP 9	692	0
OP: OP 10	743	0
OP: OP 11	840	0
OP: OP 12	793	0
OP: OP 13	1053	0
OP: OP 14	1250	0
OP: OP 15	1713	0
OP: OP 16	3042	0
OP: OP 17	3526	0
OP: OP 18	3527	0
OP: OP 19	3723	0
OP: OP 20	3557	29
OP: OP 21	3457	0
OP: OP 22	3507	295
OP: OP 23	2778	1051
OP: OP 24	2948	313
OP: OP 25	2849	247

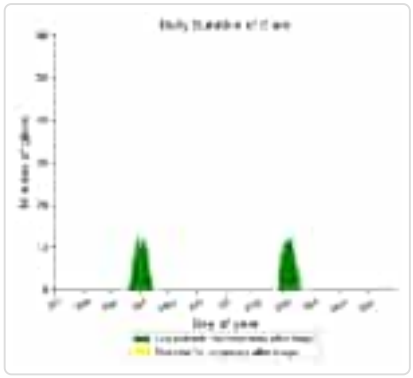
OP: OP 26	2840	71
OP: OP 27	2635	0
OP: OP 28	2557	0
OP: OP 29	1756	0
OP: OP 30	1719	0
OP: OP 31	1448	0
OP: OP 32	1058	0
OP: OP 33	3438	0
OP: OP 34	2935	174
OP: OP 35	2399	837
OP: OP 36	2452	1330
OP: OP 37	2560	994
OP: OP 38	1781	1284
OP: OP 39	931	1297
OP: OP 40	188	0
OP: OP 41	299	0
OP: OP 42	1632	1254
OP: OP 43	2060	464

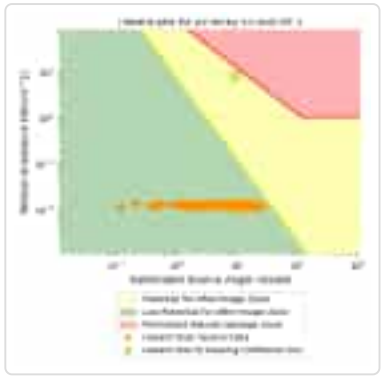
PV array 13: OP 1

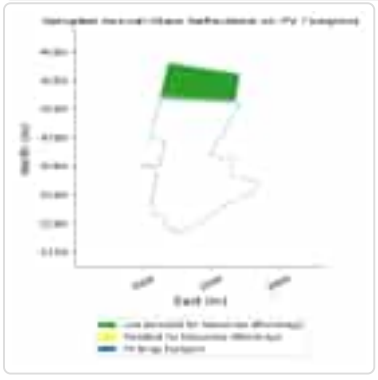
PV array is expected to produce the following glare for this receptor:

- 400 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





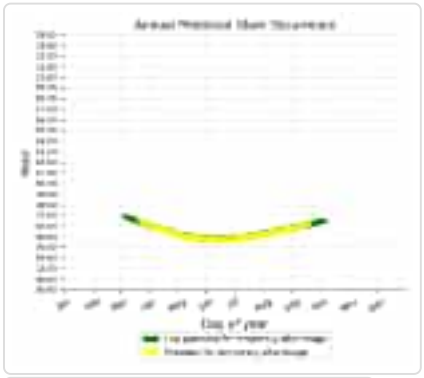


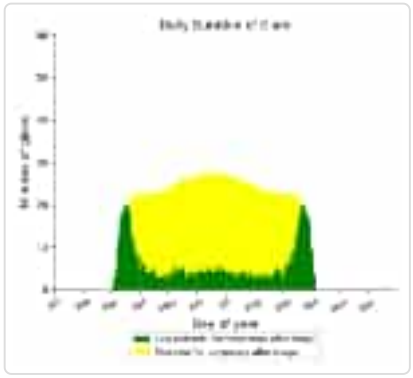


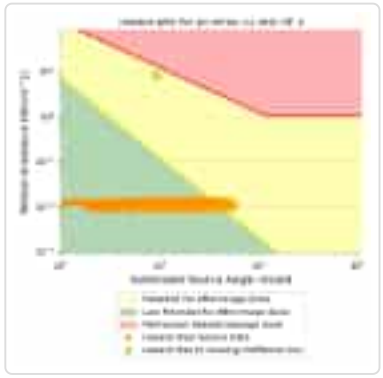
PV array 13: OP 2

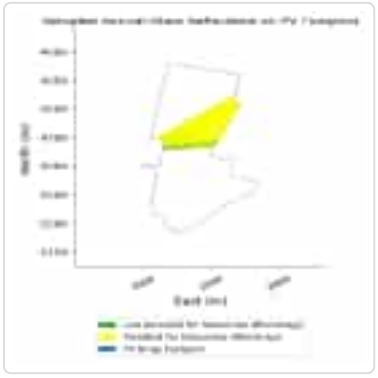
PV array is expected to produce the following glare for this receptor:

- 1,403 minutes of "green" glare with low potential to cause temporary after-image.
- 3,579 minutes of "yellow" glare with potential to cause temporary after-image.





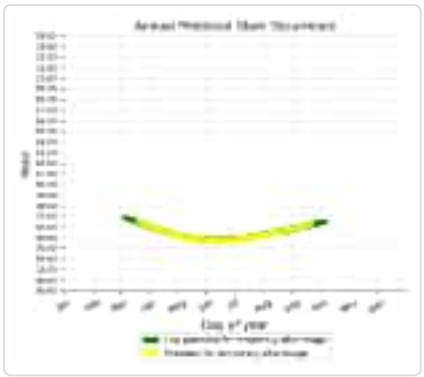


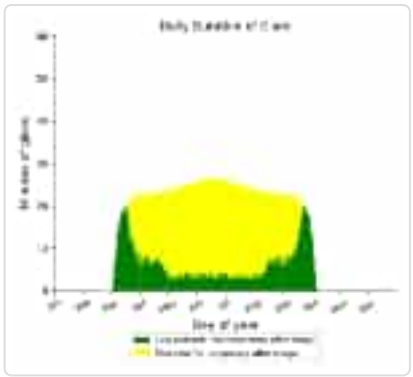


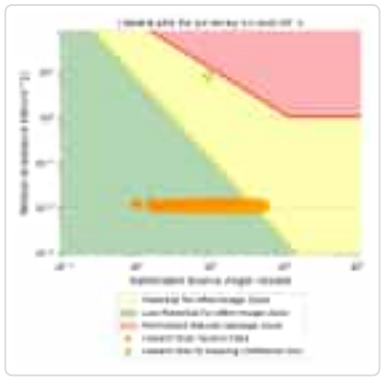
PV array 13: OP 3

PV array is expected to produce the following glare for this receptor:

- 1,479 minutes of "green" glare with low potential to cause temporary after-image.
- 3,457 minutes of "yellow" glare with potential to cause temporary after-image.



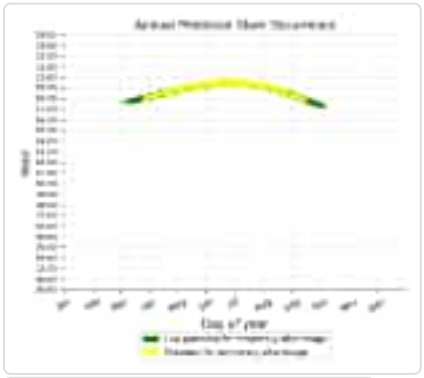


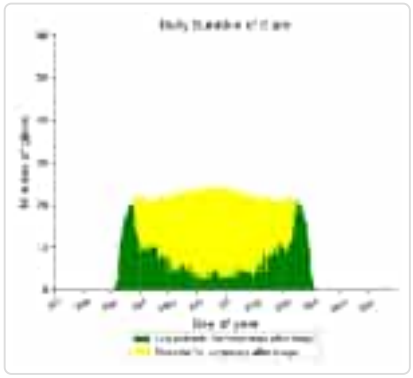


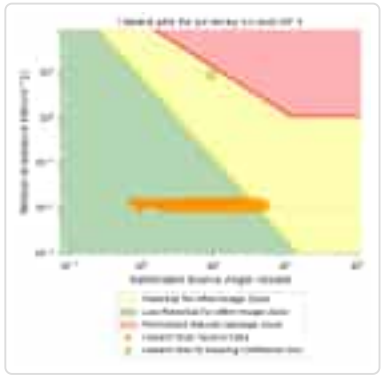
PV array 13: OP 4

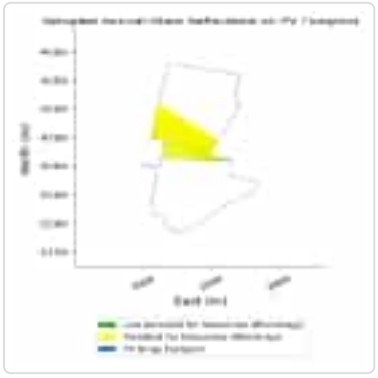
PV array is expected to produce the following glare for this receptor:

- 1,663 minutes of "green" glare with low potential to cause temporary after-image.
- 2,759 minutes of "yellow" glare with potential to cause temporary after-image.





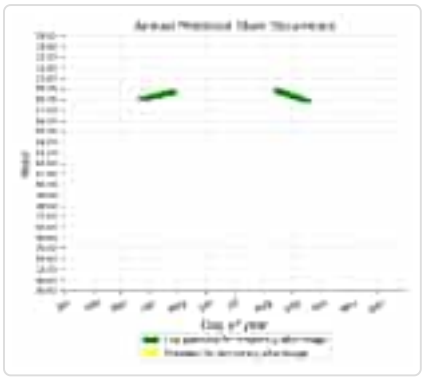


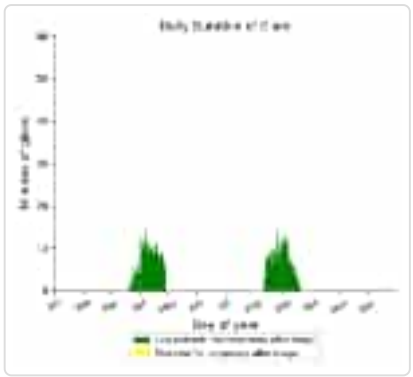


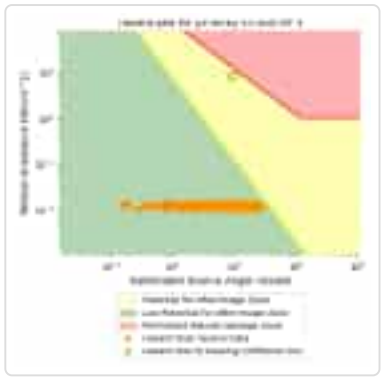
PV array 13: OP 5

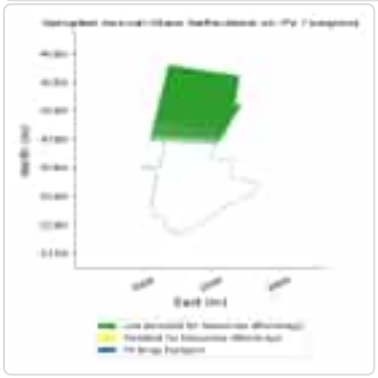
PV array is expected to produce the following glare for this receptor:

- 609 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





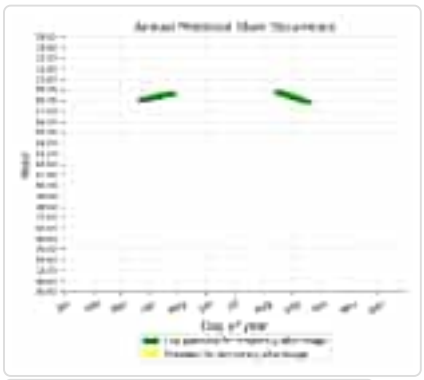


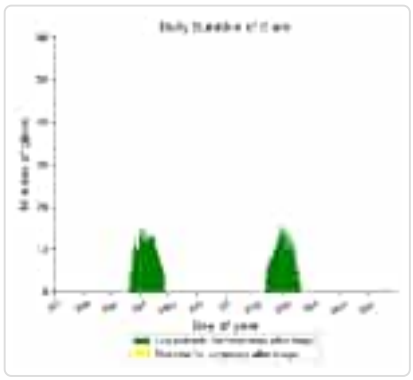


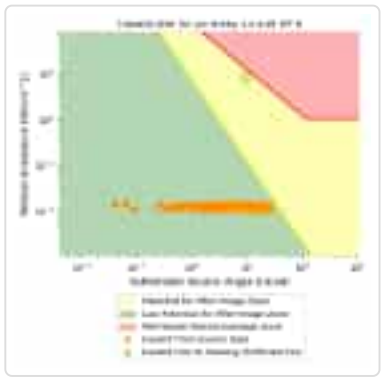
PV array 13: OP 6

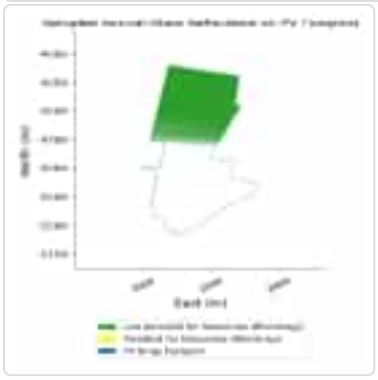
PV array is expected to produce the following glare for this receptor:

- 761 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





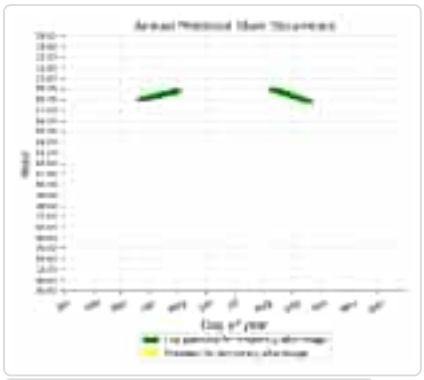


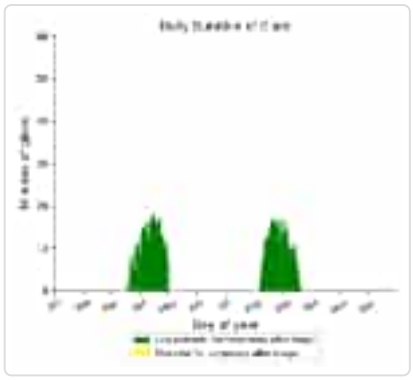


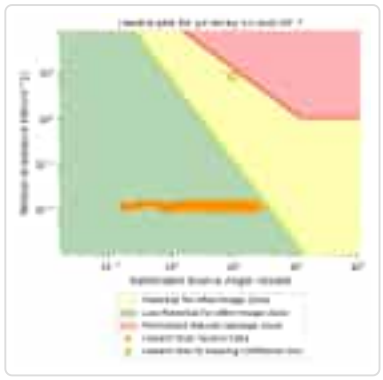
PV array 13: OP 7

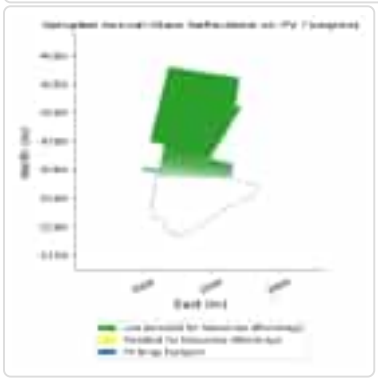
PV array is expected to produce the following glare for this receptor:

- 1,081 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





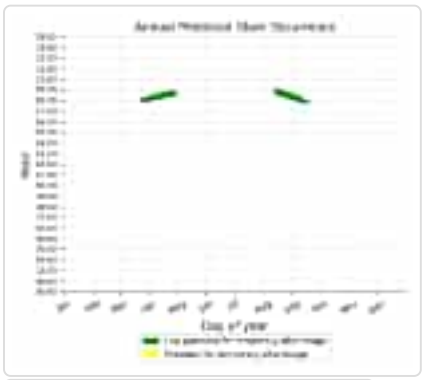


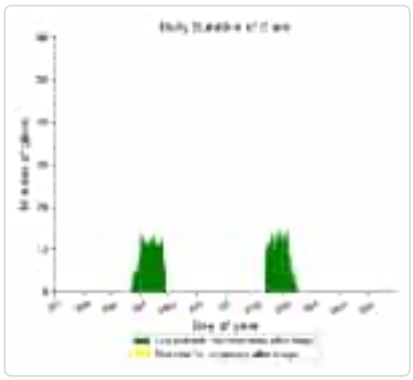


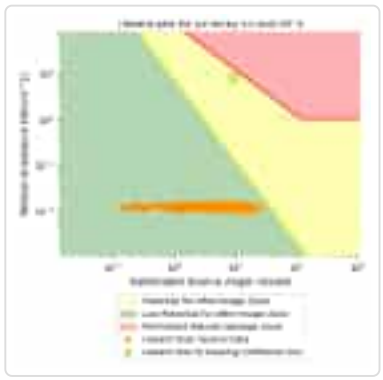
PV array 13: OP 8

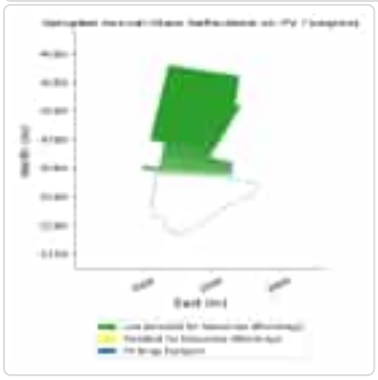
PV array is expected to produce the following glare for this receptor:

- 724 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





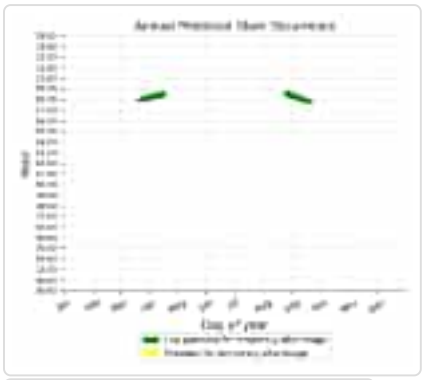


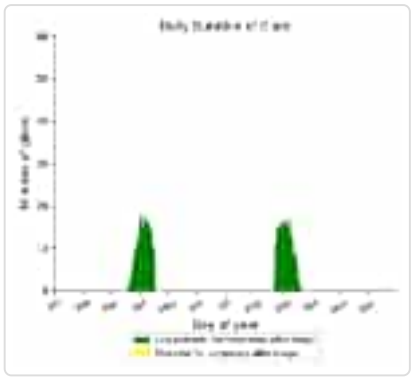


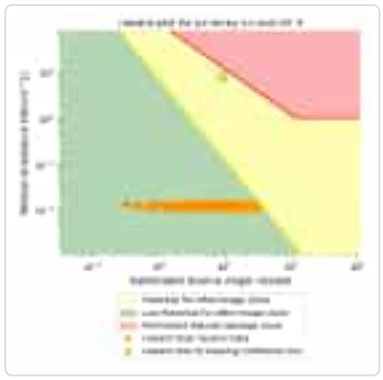
PV array 13: OP 9

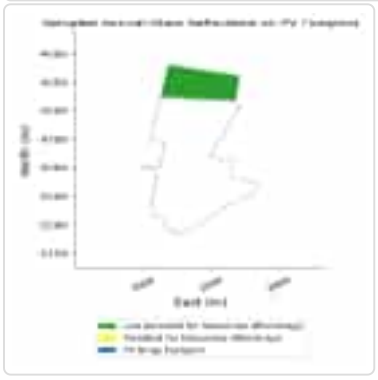
PV array is expected to produce the following glare for this receptor:

- 692 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





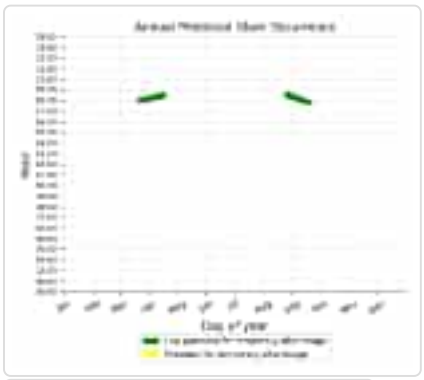


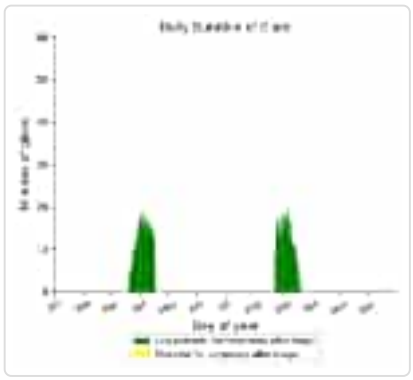


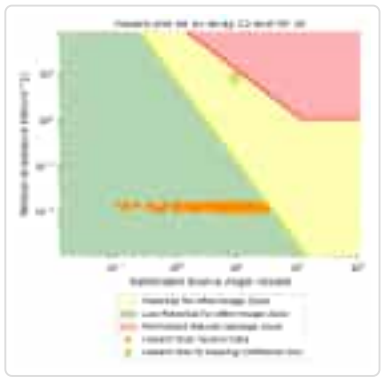
PV array 13: OP 10

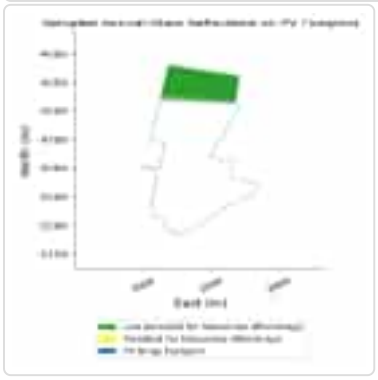
PV array is expected to produce the following glare for this receptor:

- 743 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





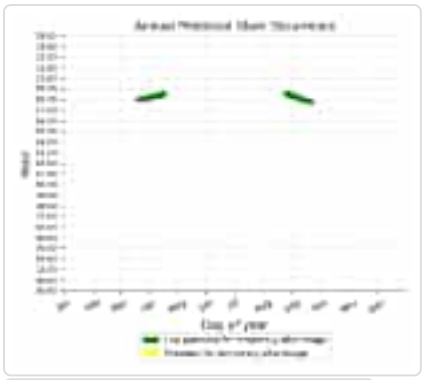


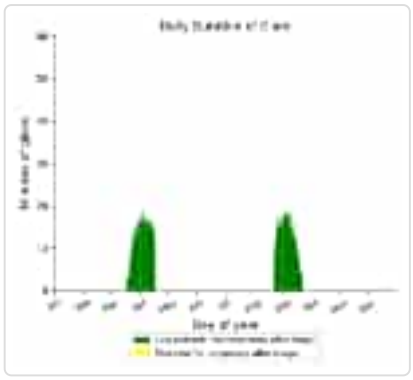


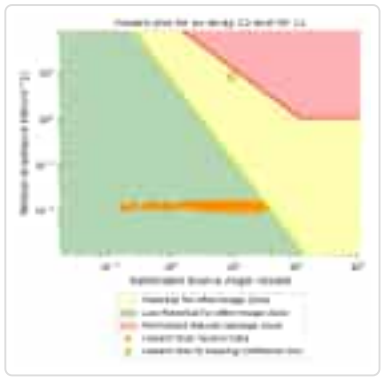
PV array 13: OP 11

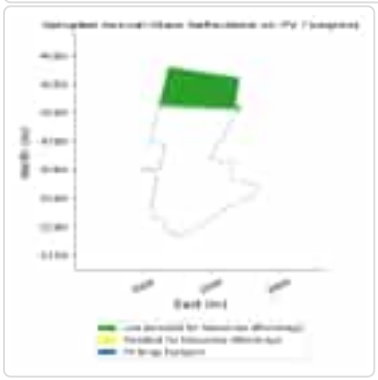
PV array is expected to produce the following glare for this receptor:

- 840 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





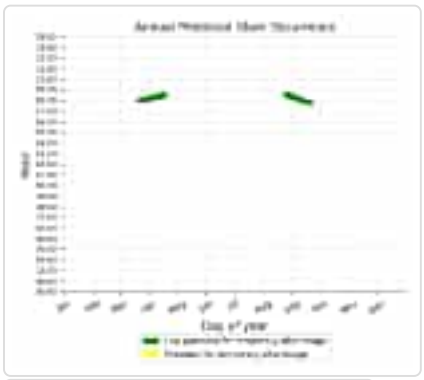


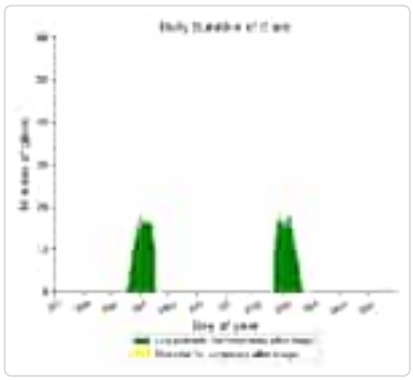


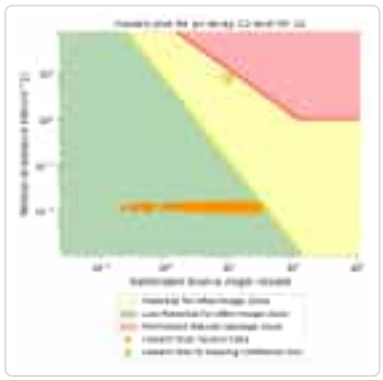
PV array 13: OP 12

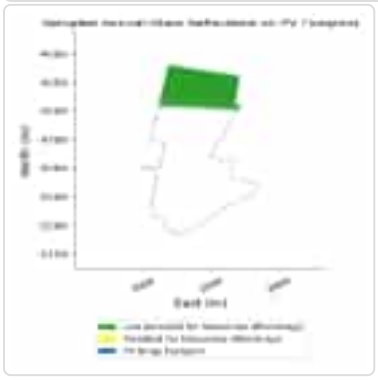
PV array is expected to produce the following glare for this receptor:

- 793 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





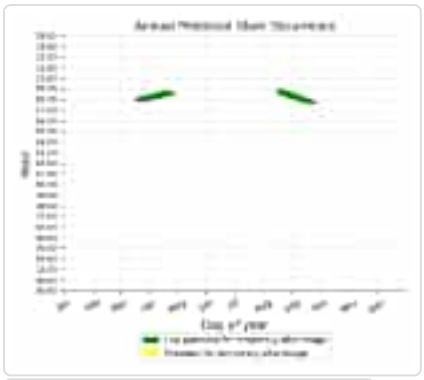


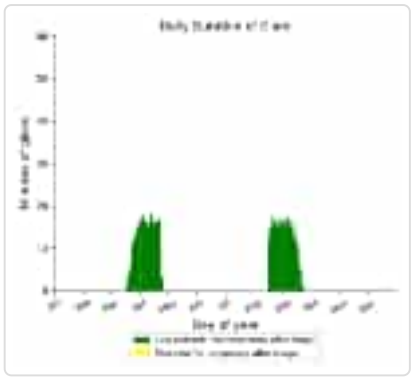


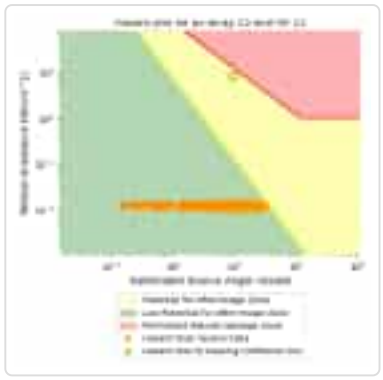
PV array 13: OP 13

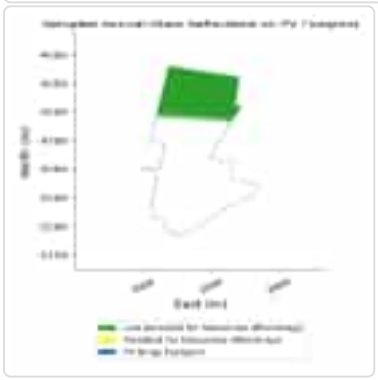
PV array is expected to produce the following glare for this receptor:

- 1,053 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





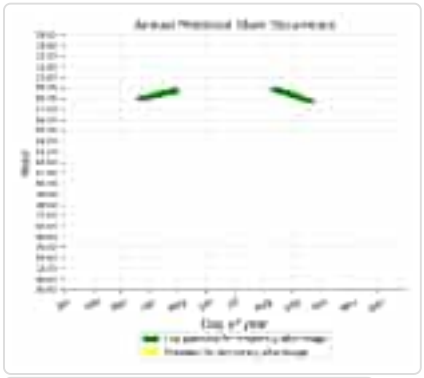


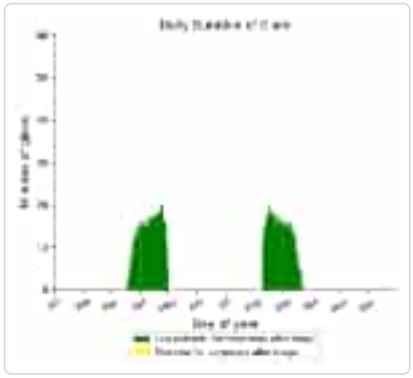


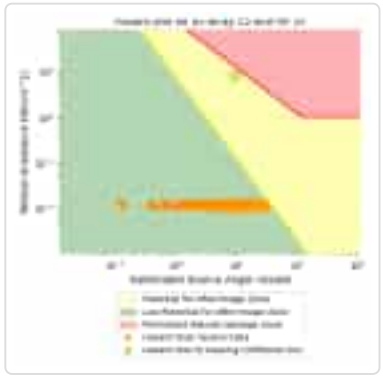
PV array 13: OP 14

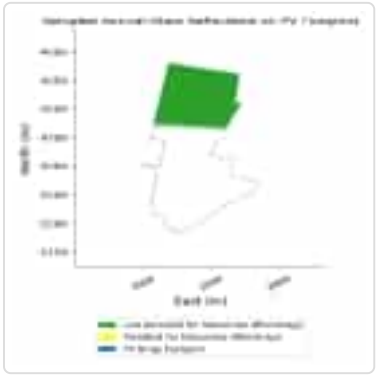
PV array is expected to produce the following glare for this receptor:

- 1,250 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





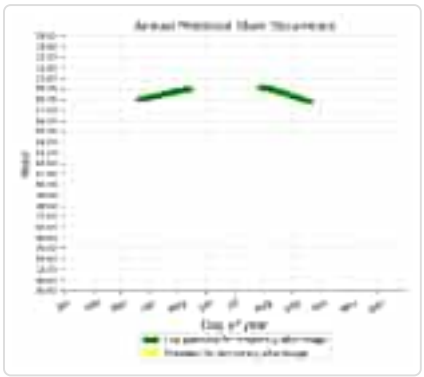


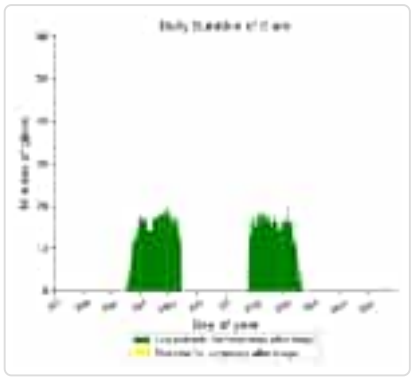


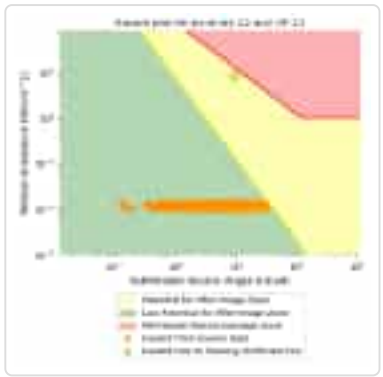
PV array 13: OP 15

PV array is expected to produce the following glare for this receptor:

- 1,713 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



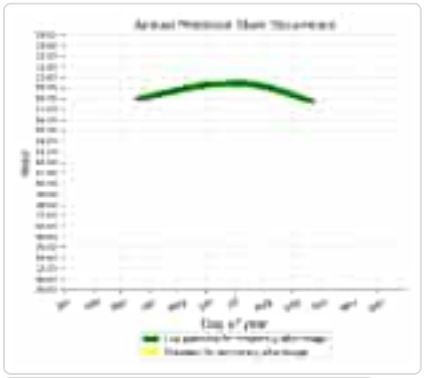


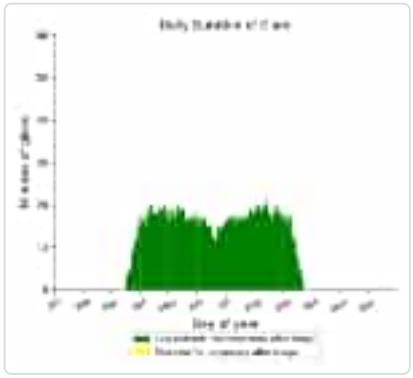


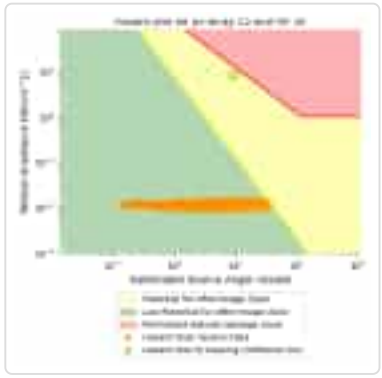
PV array 13: OP 16

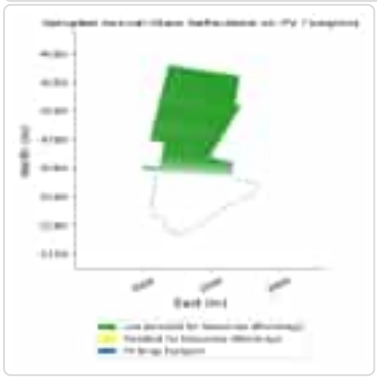
PV array is expected to produce the following glare for this receptor:

- 3,042 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





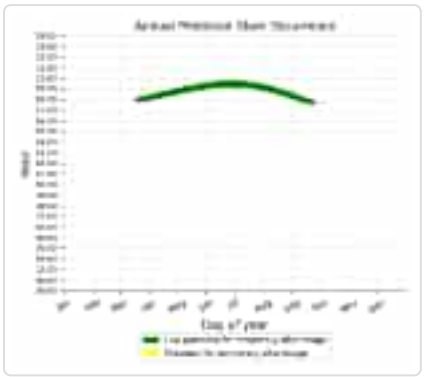


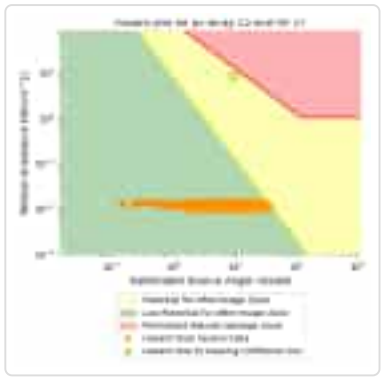


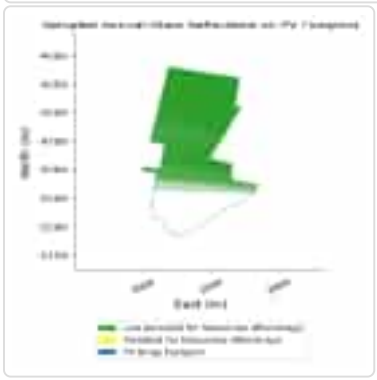
PV array 13: OP 17

PV array is expected to produce the following glare for this receptor:

- 3,526 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



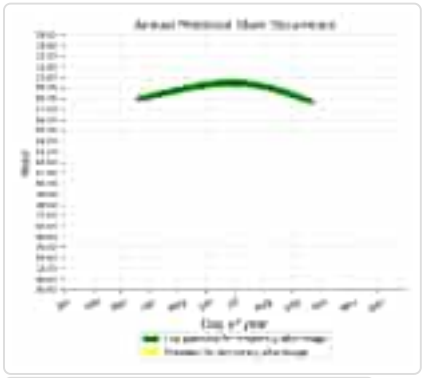


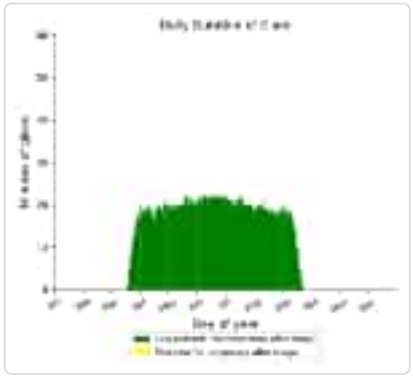


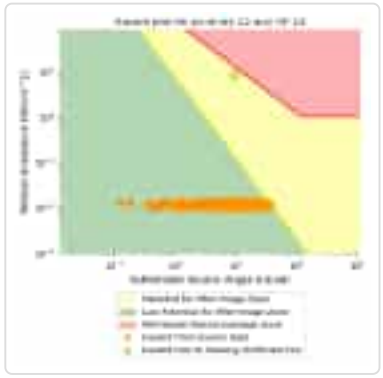
PV array 13: OP 18

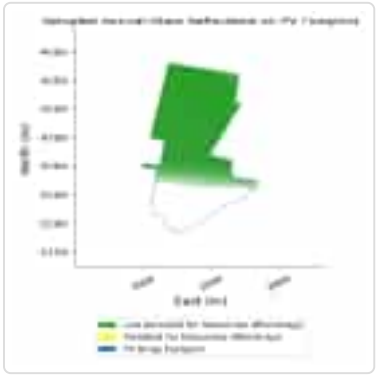
PV array is expected to produce the following glare for this receptor:

- 3,527 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





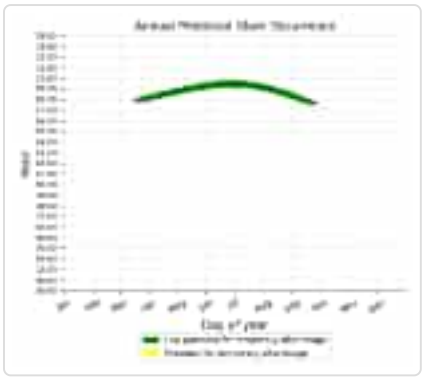


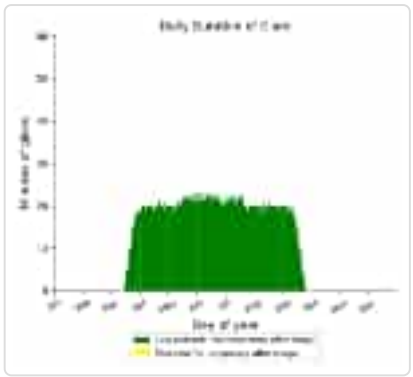


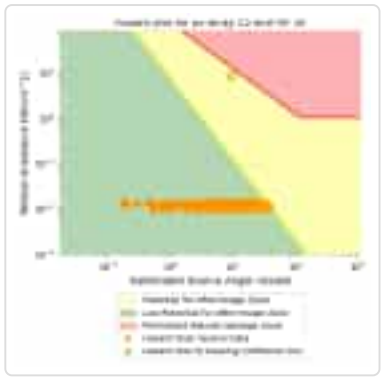
PV array 13: OP 19

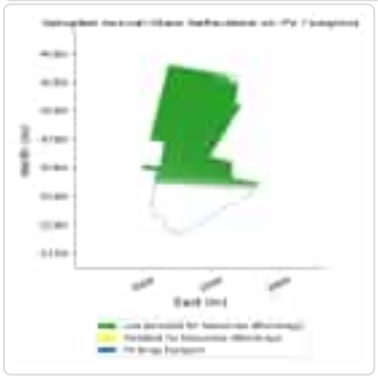
PV array is expected to produce the following glare for this receptor:

- 3,723 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





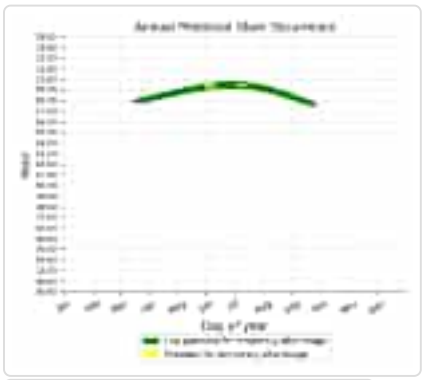


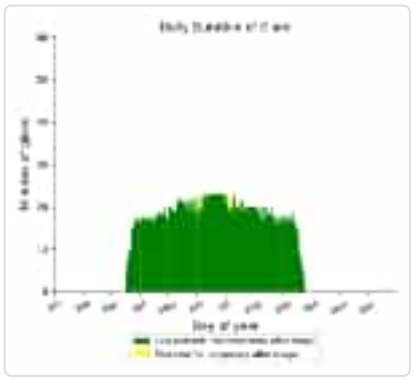


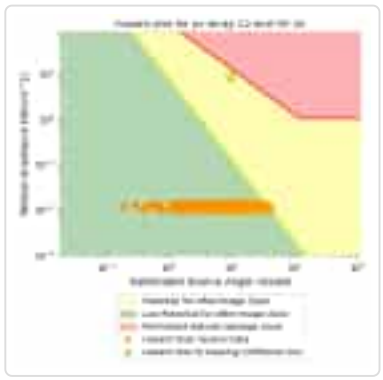
PV array 13: OP 20

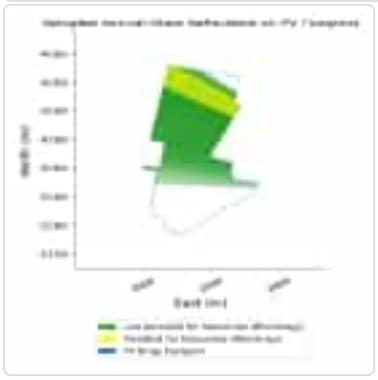
PV array is expected to produce the following glare for this receptor:

- 3,557 minutes of "green" glare with low potential to cause temporary after-image.
- 29 minutes of "yellow" glare with potential to cause temporary after-image.





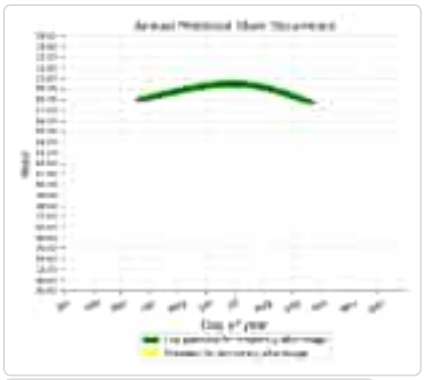


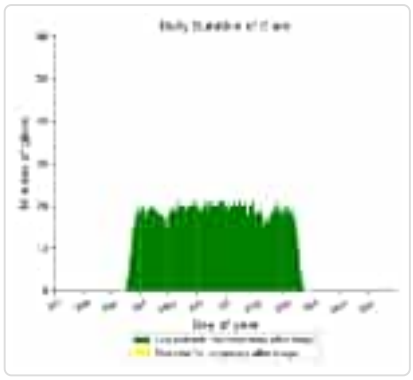


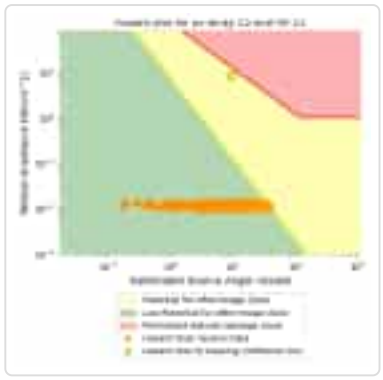
PV array 13: OP 21

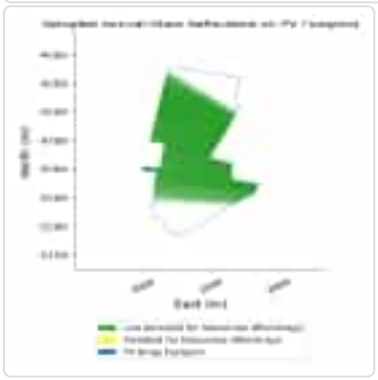
PV array is expected to produce the following glare for this receptor:

- 3,457 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





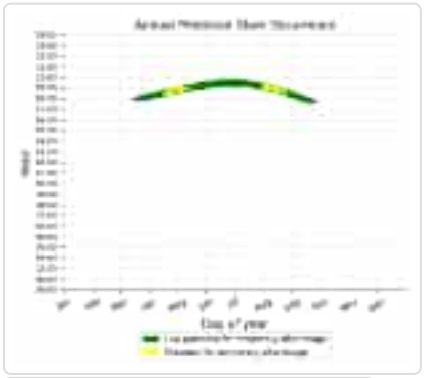


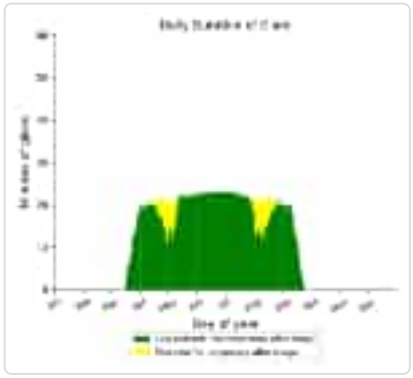


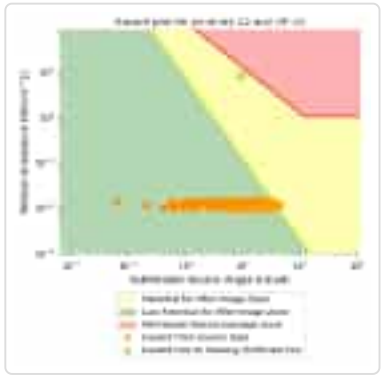
PV array 13: OP 22

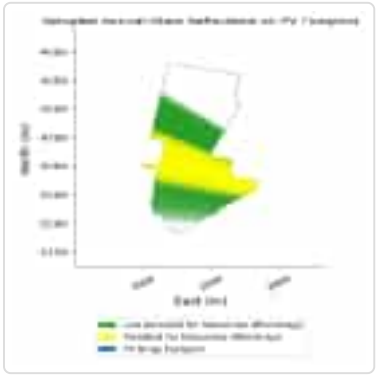
PV array is expected to produce the following glare for this receptor:

- 3,507 minutes of "green" glare with low potential to cause temporary after-image.
- 295 minutes of "yellow" glare with potential to cause temporary after-image.





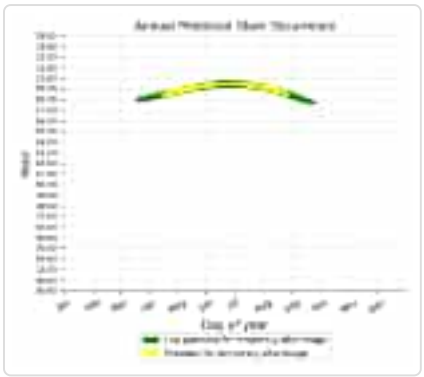


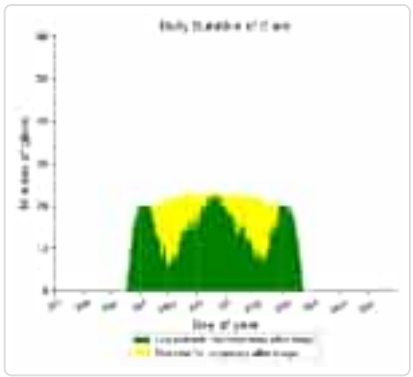


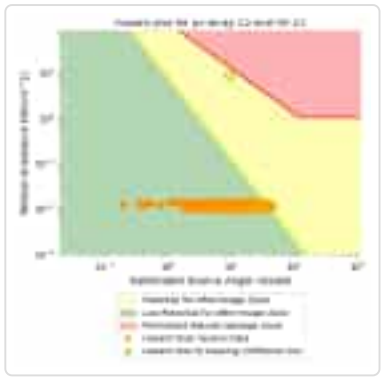
PV array 13: OP 23

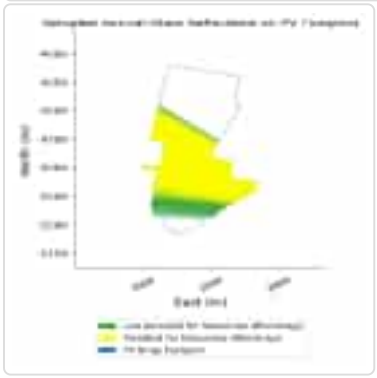
PV array is expected to produce the following glare for this receptor:

- 2,778 minutes of "green" glare with low potential to cause temporary after-image.
- 1,051 minutes of "yellow" glare with potential to cause temporary after-image.





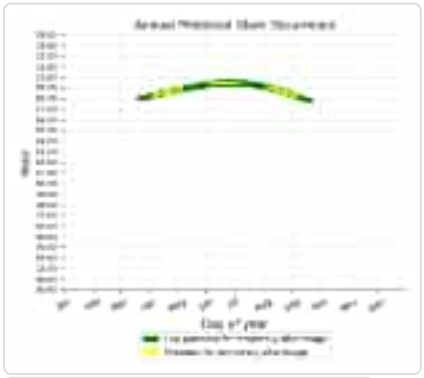


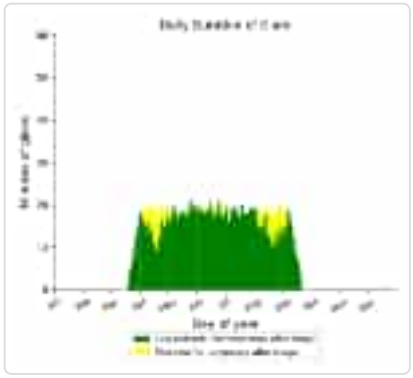


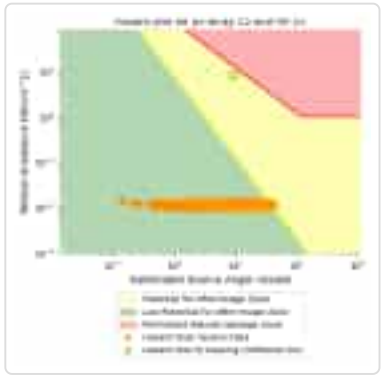
PV array 13: OP 24

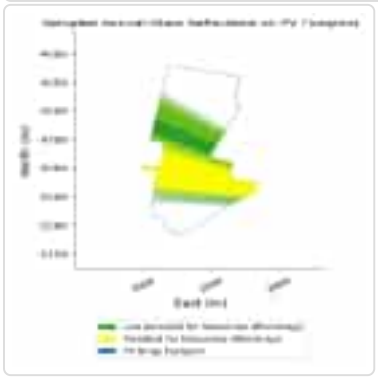
PV array is expected to produce the following glare for this receptor:

- 2,948 minutes of "green" glare with low potential to cause temporary after-image.
- 313 minutes of "yellow" glare with potential to cause temporary after-image.





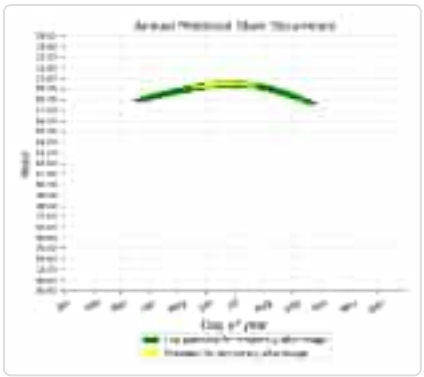


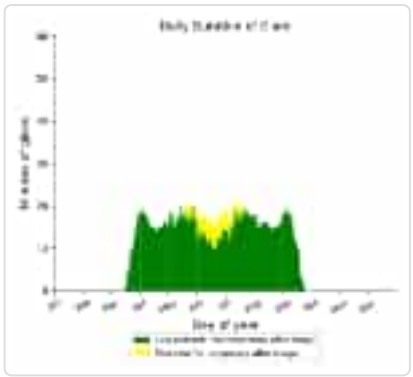


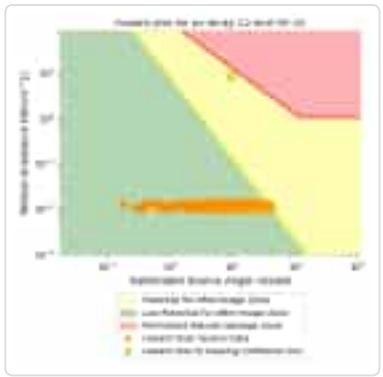
PV array 13: OP 25

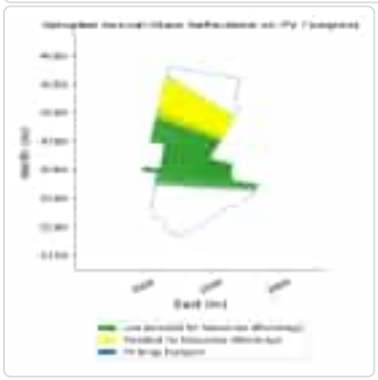
PV array is expected to produce the following glare for this receptor:

- 2,849 minutes of "green" glare with low potential to cause temporary after-image.
- 247 minutes of "yellow" glare with potential to cause temporary after-image.





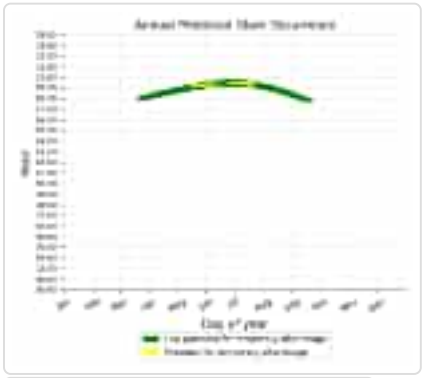


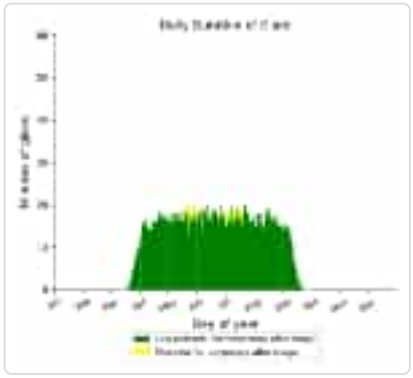


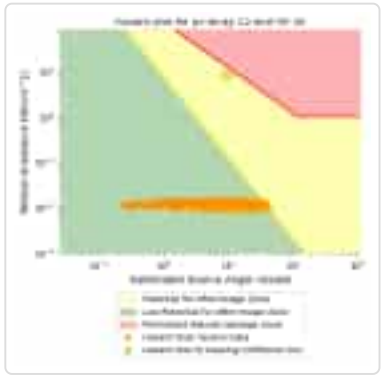
PV array 13: OP 26

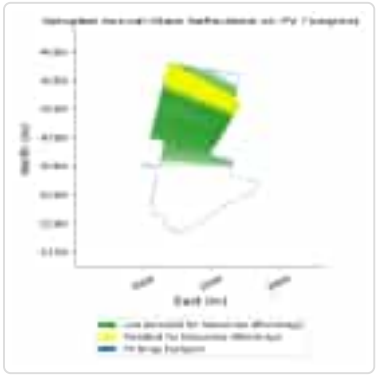
PV array is expected to produce the following glare for this receptor:

- 2,840 minutes of "green" glare with low potential to cause temporary after-image.
- 71 minutes of "yellow" glare with potential to cause temporary after-image.





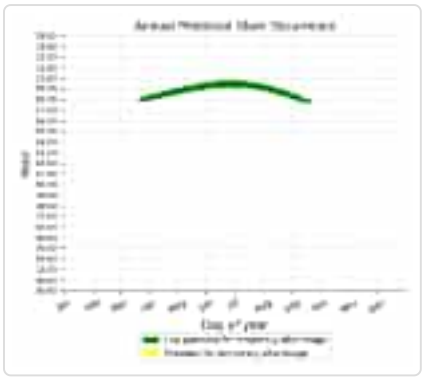


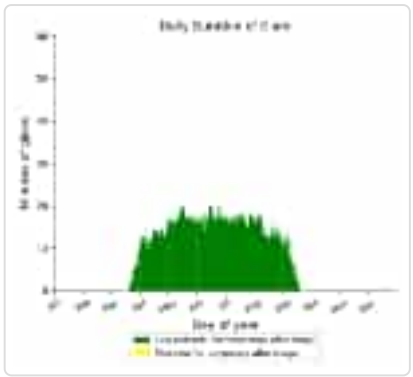


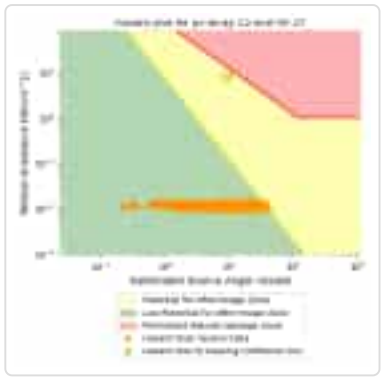
PV array 13: OP 27

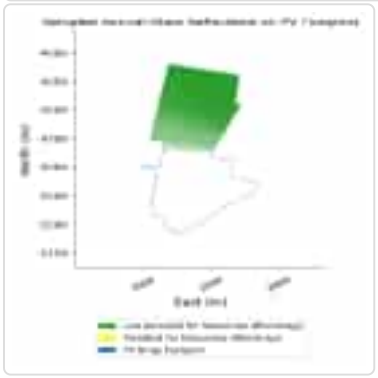
PV array is expected to produce the following glare for this receptor:

- 2,635 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





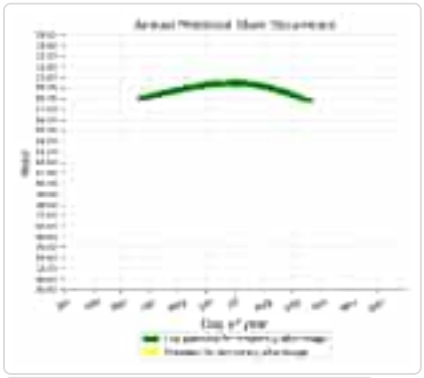


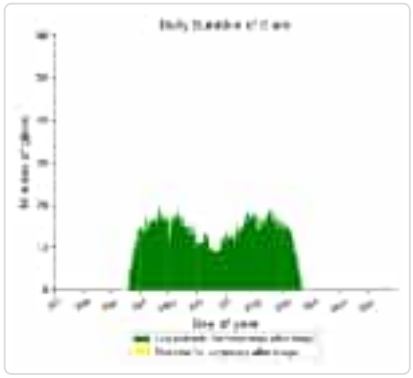


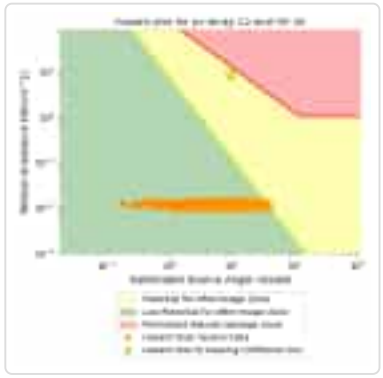
PV array 13: OP 28

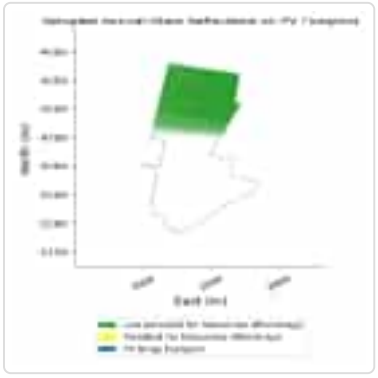
PV array is expected to produce the following glare for this receptor:

- 2,557 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





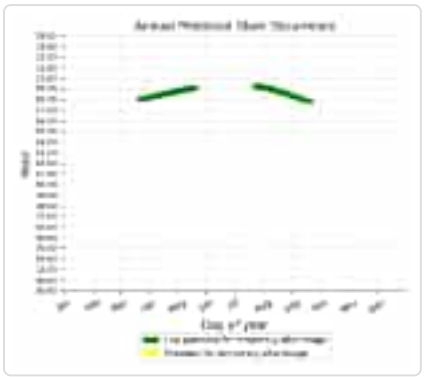


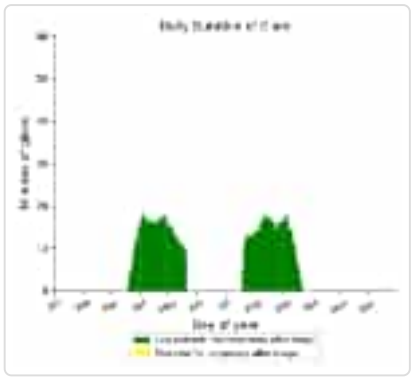


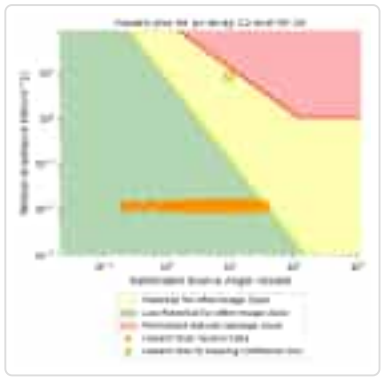
PV array 13: OP 29

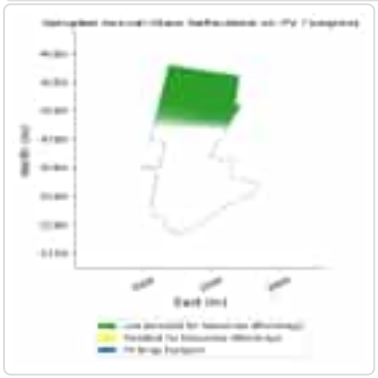
PV array is expected to produce the following glare for this receptor:

- 1,756 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





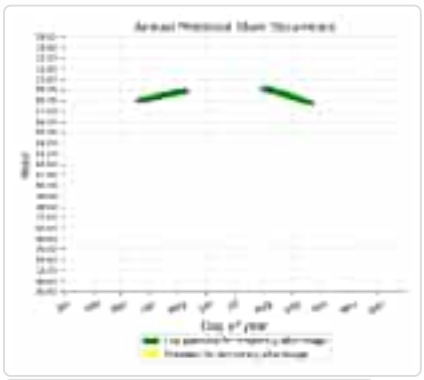


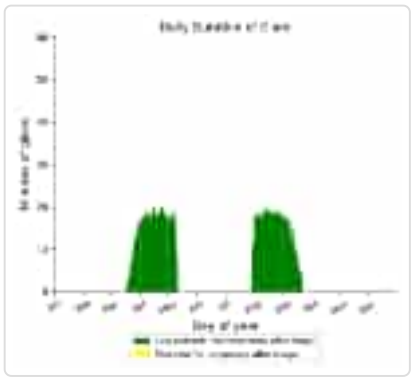


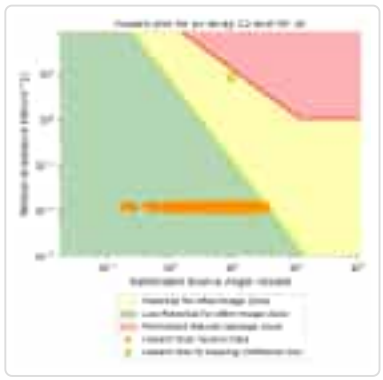
PV array 13: OP 30

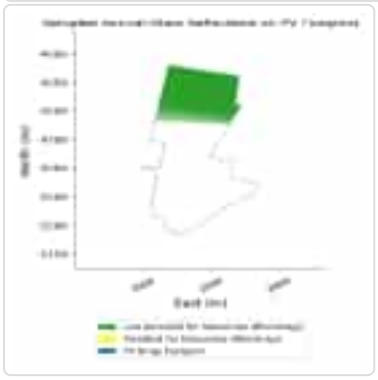
PV array is expected to produce the following glare for this receptor:

- 1,719 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





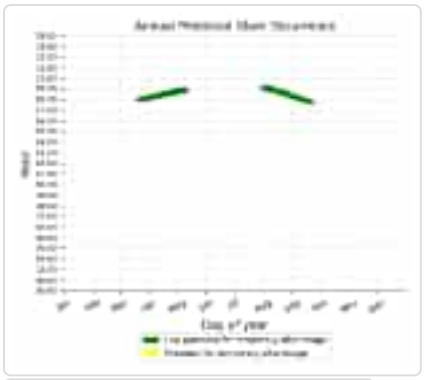


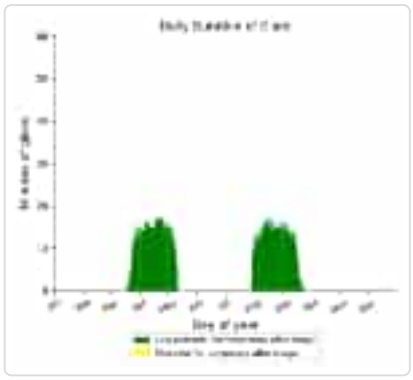


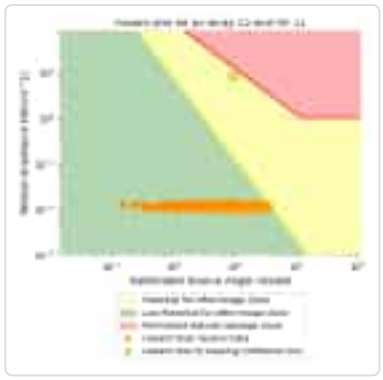
PV array 13: OP 31

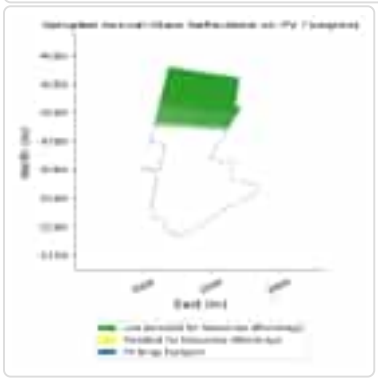
PV array is expected to produce the following glare for this receptor:

- 1,448 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





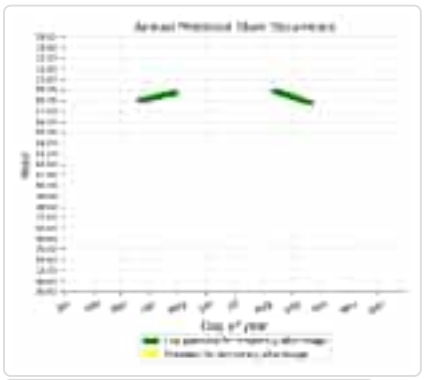


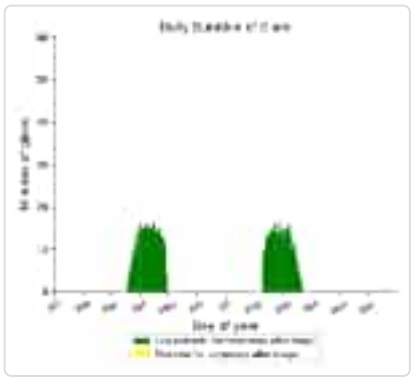


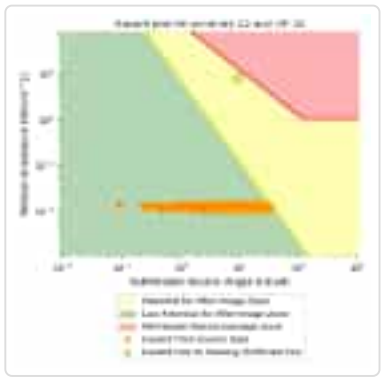
PV array 13: OP 32

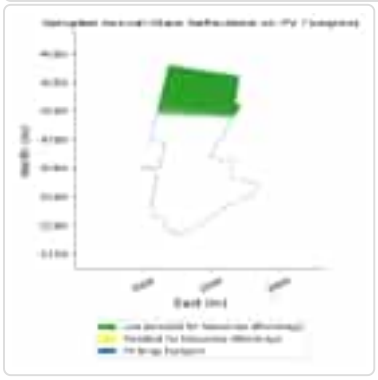
PV array is expected to produce the following glare for this receptor:

- 1,058 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





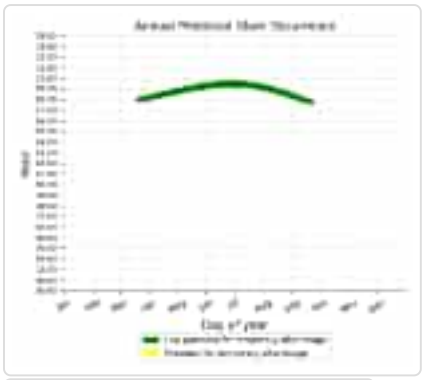


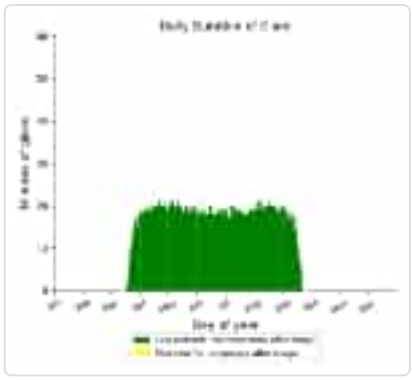


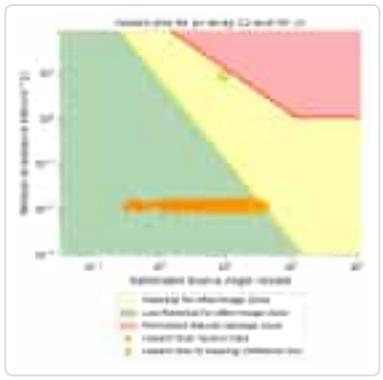
PV array 13: OP 33

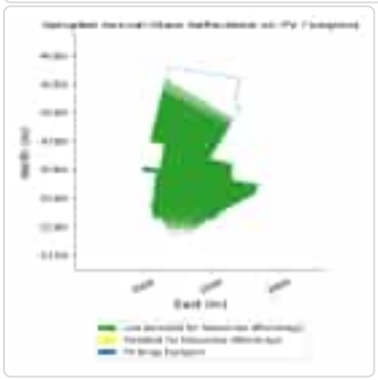
PV array is expected to produce the following glare for this receptor:

- 3,438 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





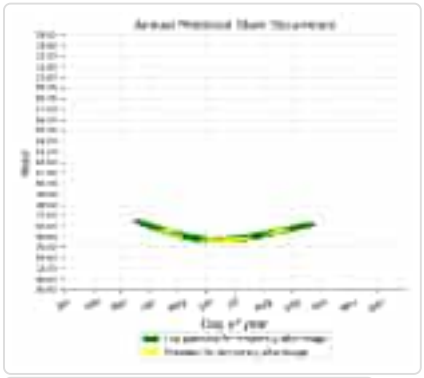


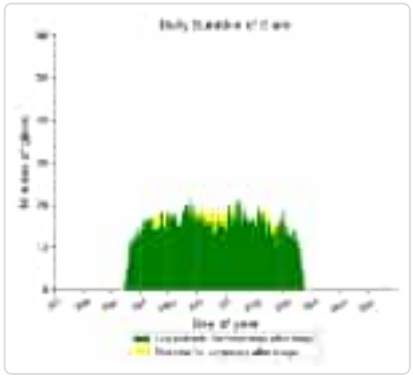


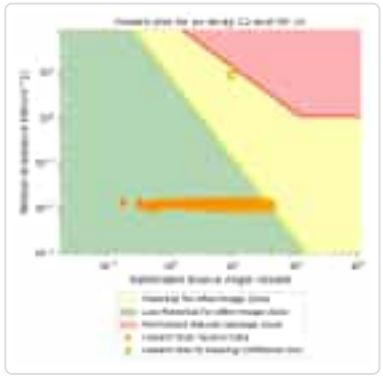
PV array 13: OP 34

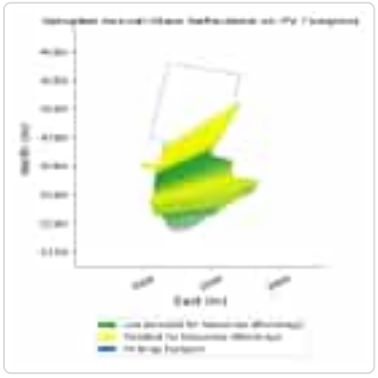
PV array is expected to produce the following glare for this receptor:

- 2,935 minutes of "green" glare with low potential to cause temporary after-image.
- 174 minutes of "yellow" glare with potential to cause temporary after-image.





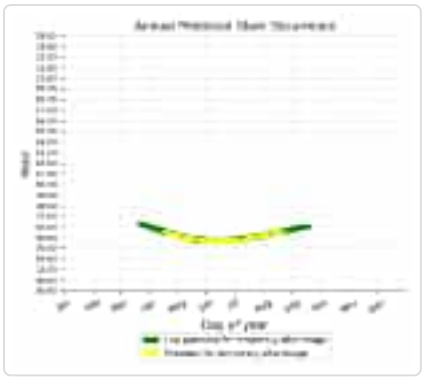


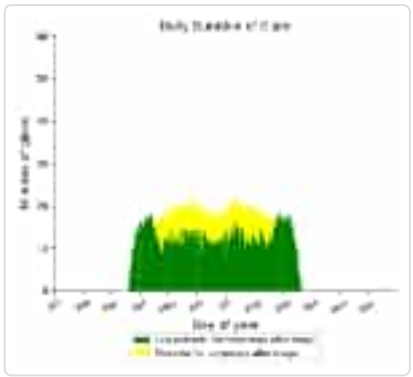


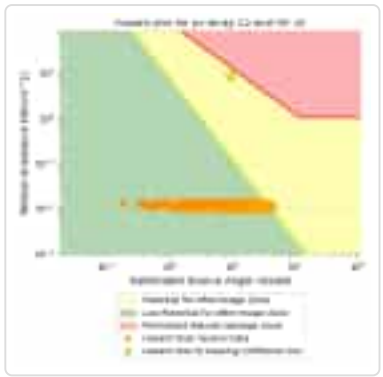
PV array 13: OP 35

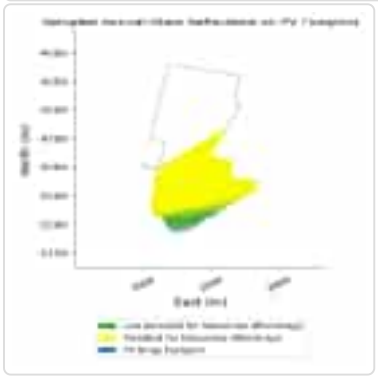
PV array is expected to produce the following glare for this receptor:

- 2,399 minutes of "green" glare with low potential to cause temporary after-image.
- 837 minutes of "yellow" glare with potential to cause temporary after-image.





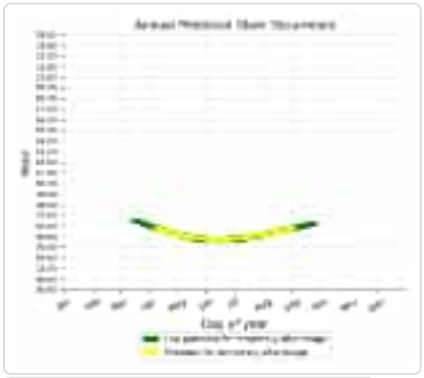


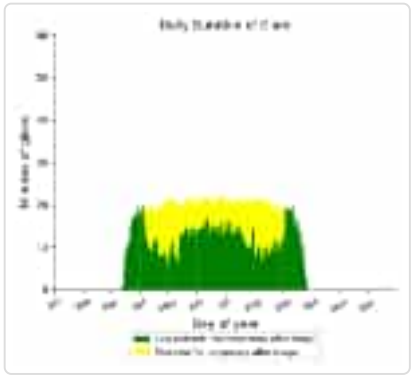


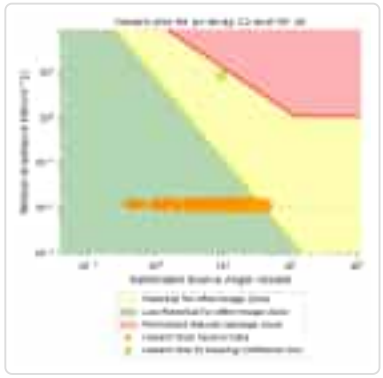
PV array 13: OP 36

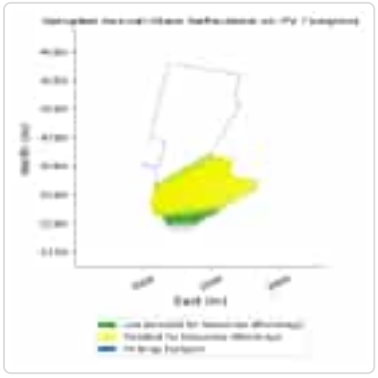
PV array is expected to produce the following glare for this receptor:

- 2,452 minutes of "green" glare with low potential to cause temporary after-image.
- 1,330 minutes of "yellow" glare with potential to cause temporary after-image.





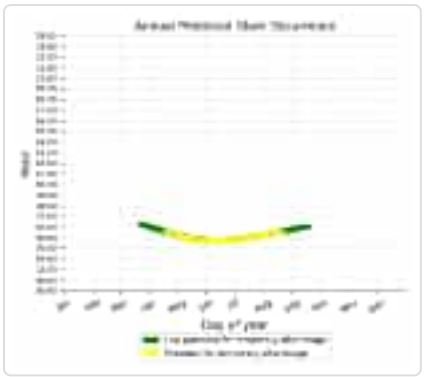


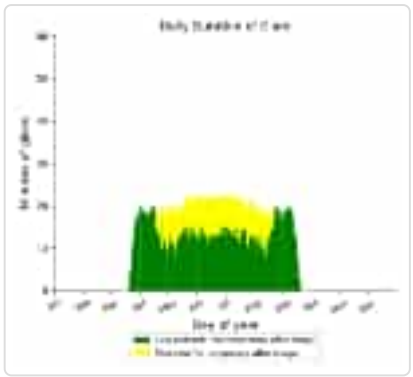


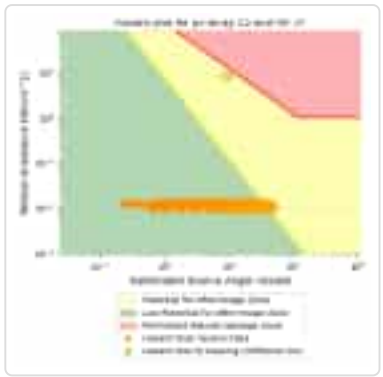
PV array 13: OP 37

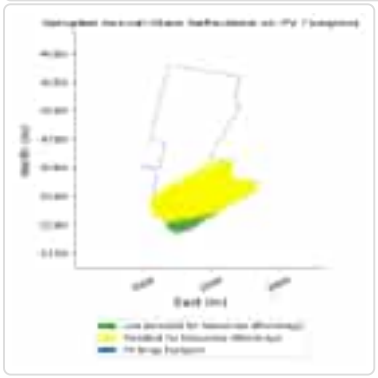
PV array is expected to produce the following glare for this receptor:

- 2,560 minutes of "green" glare with low potential to cause temporary after-image.
- 994 minutes of "yellow" glare with potential to cause temporary after-image.





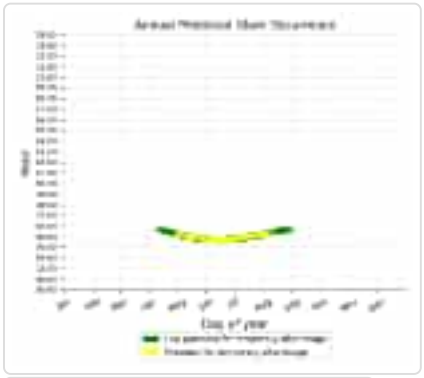


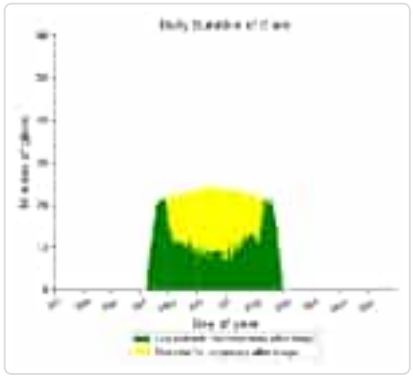


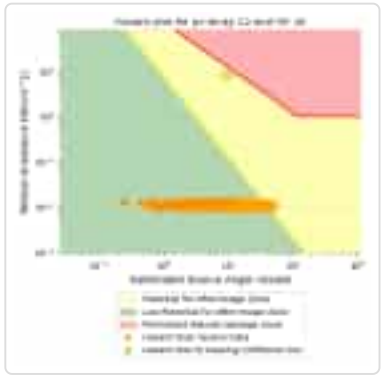
PV array 13: OP 38

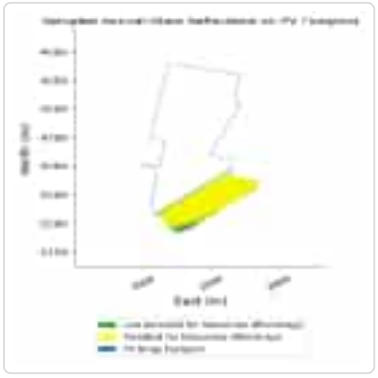
PV array is expected to produce the following glare for this receptor:

- 1,781 minutes of "green" glare with low potential to cause temporary after-image.
- 1,284 minutes of "yellow" glare with potential to cause temporary after-image.





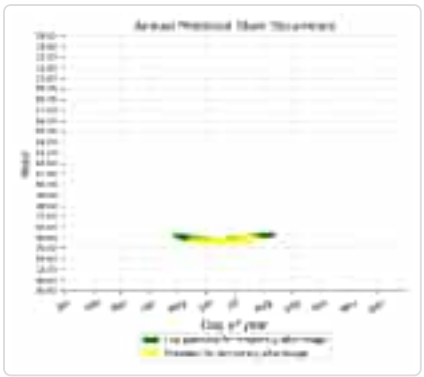


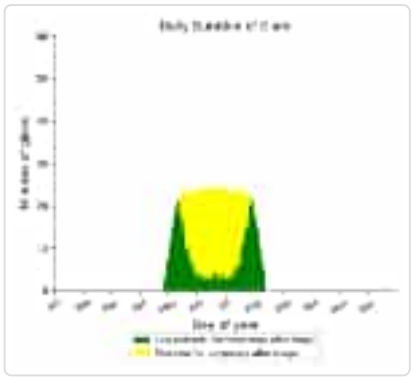


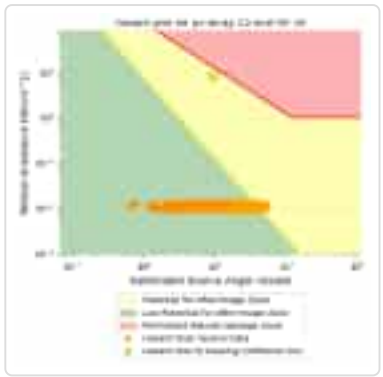
PV array 13: OP 39

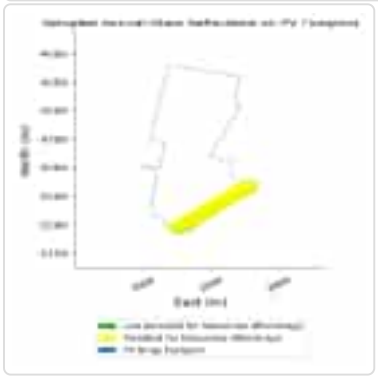
PV array is expected to produce the following glare for this receptor:

- 931 minutes of "green" glare with low potential to cause temporary after-image.
- 1,297 minutes of "yellow" glare with potential to cause temporary after-image.





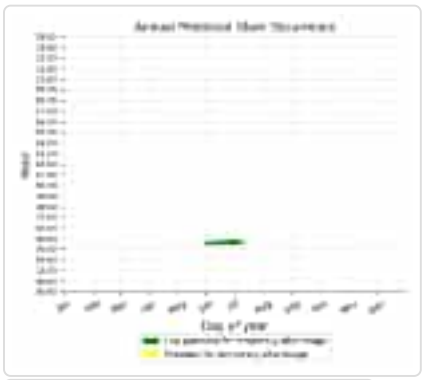


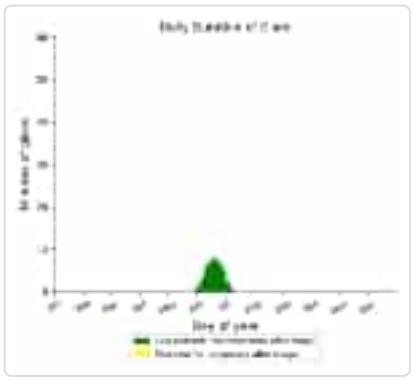


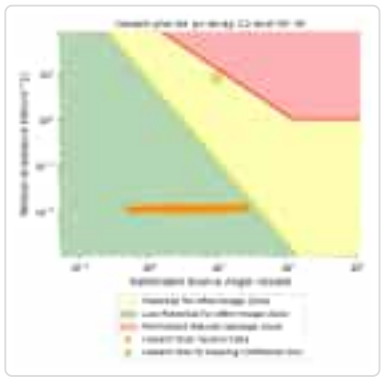
PV array 13: OP 40

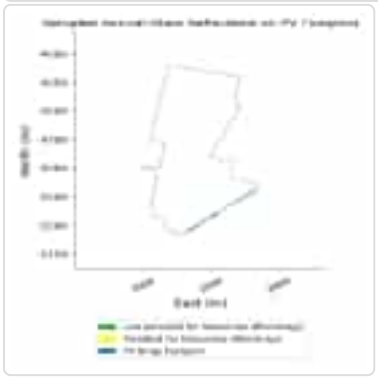
PV array is expected to produce the following glare for this receptor:

- 188 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





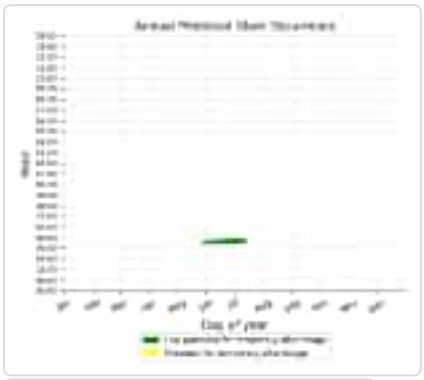


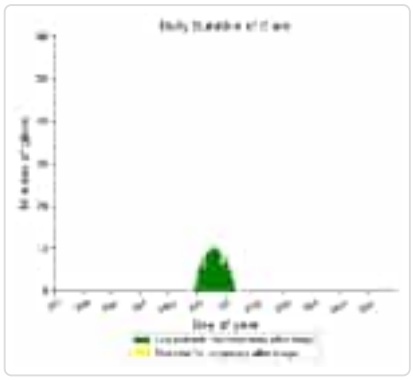


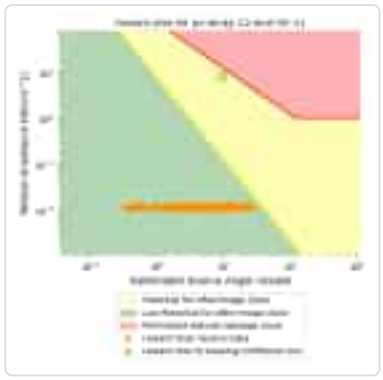
PV array 13: OP 41

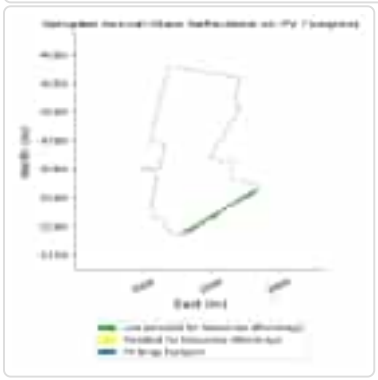
PV array is expected to produce the following glare for this receptor:

- 299 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





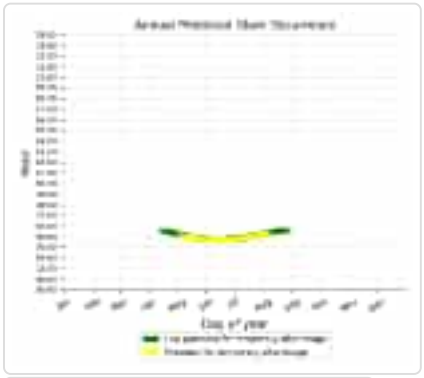


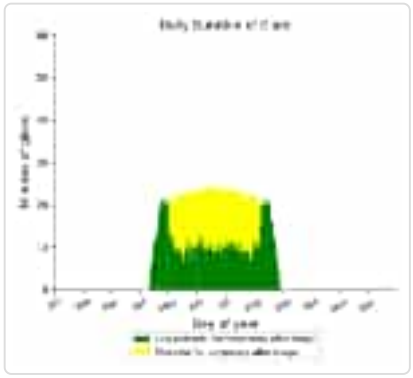


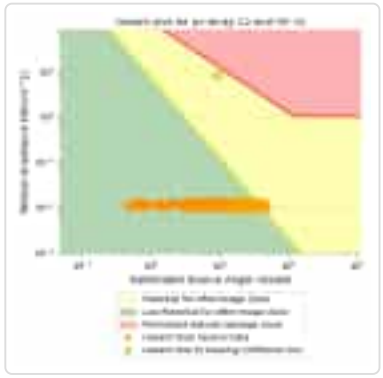
PV array 13: OP 42

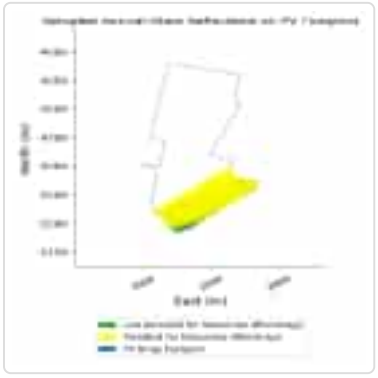
PV array is expected to produce the following glare for this receptor:

- 1,632 minutes of "green" glare with low potential to cause temporary after-image.
- 1,254 minutes of "yellow" glare with potential to cause temporary after-image.





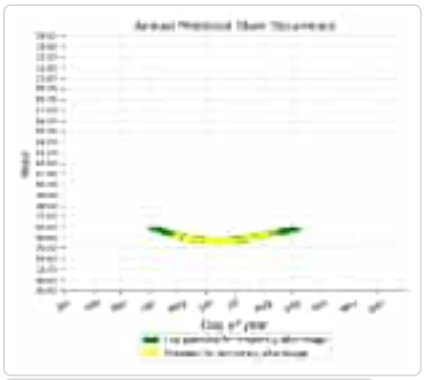


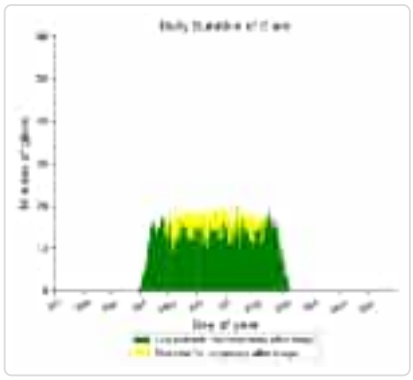


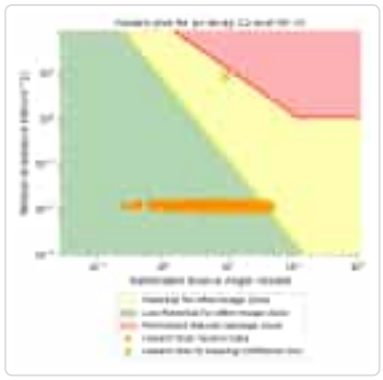
PV array 13: OP 43

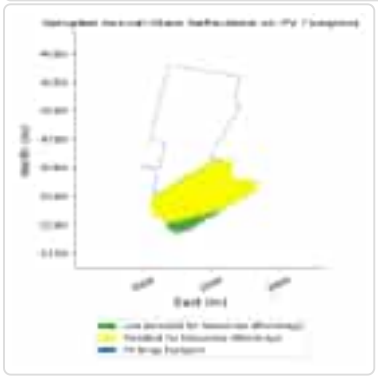
PV array is expected to produce the following glare for this receptor:

- 2,060 minutes of "green" glare with low potential to cause temporary after-image.
- 464 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14 potential temporary after-image

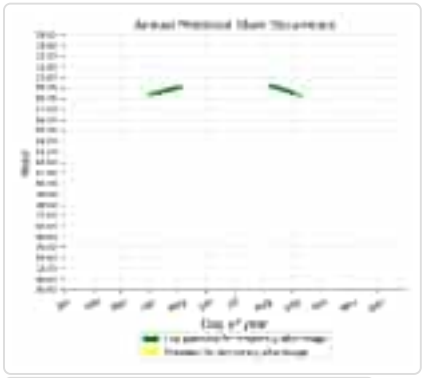
Component	Green glare (min)	Yellow glare (min)

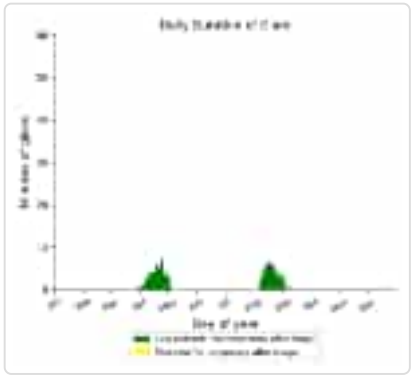
OP: OP 1	250	0
OP: OP 2	3592	0
OP: OP 3	3393	0
OP: OP 4	1901	245
OP: OP 5	1018	0
OP: OP 6	724	0
OP: OP 7	784	0
OP: OP 8	138	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	1199	0
OP: OP 16	1037	0
OP: OP 17	1110	0
OP: OP 18	651	0
OP: OP 19	751	0
OP: OP 20	589	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	1305	33
OP: OP 27	1531	81
OP: OP 28	1642	18
OP: OP 29	1361	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	935	0
OP: OP 33	0	0
OP: OP 34	1915	0
OP: OP 35	1585	0
OP: OP 36	1734	0
OP: OP 37	1581	0
OP: OP 38	1090	0
OP: OP 39	109	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	1079	0
OP: OP 43	1189	0

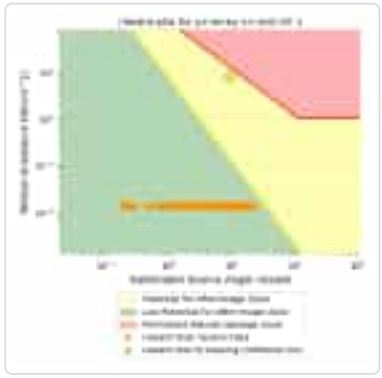
PV array 14: OP 1

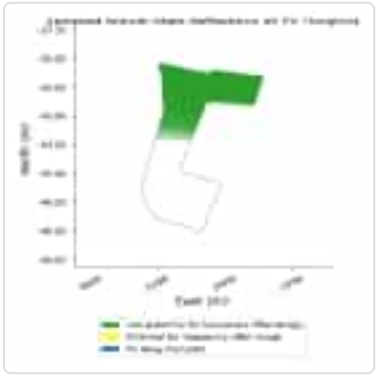
PV array is expected to produce the following glare for this receptor:

- 250 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





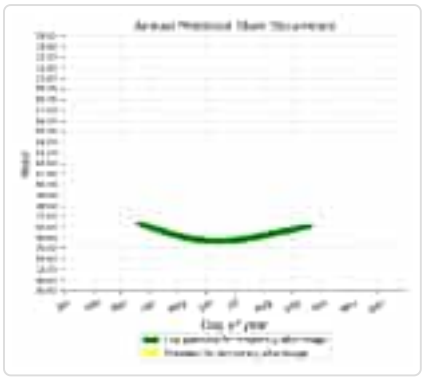


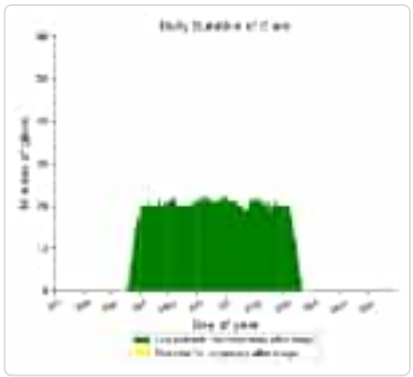


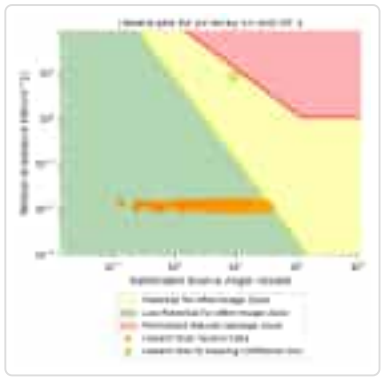
PV array 14: OP 2

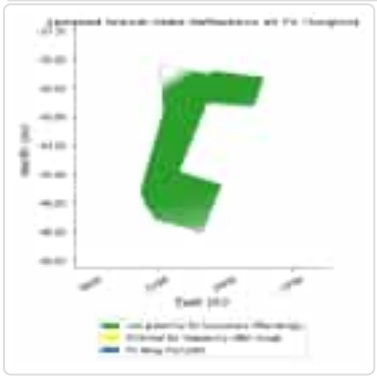
PV array is expected to produce the following glare for this receptor:

- 3,592 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





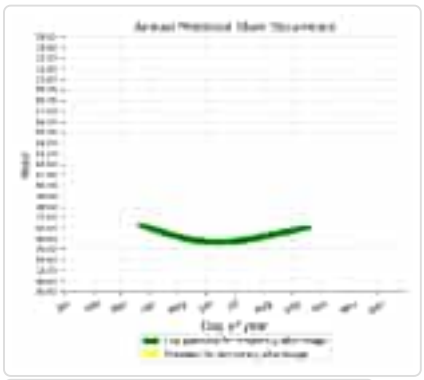


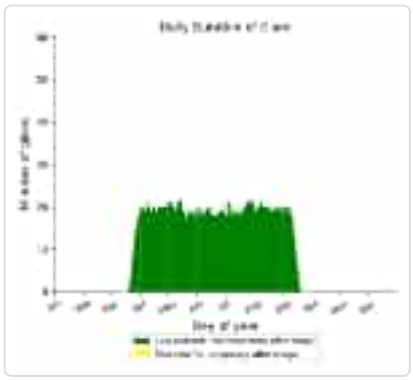


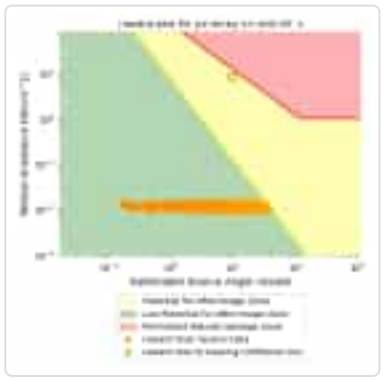
PV array 14: OP 3

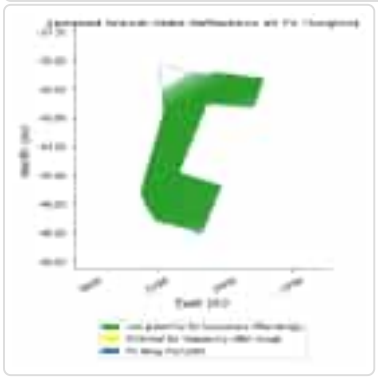
PV array is expected to produce the following glare for this receptor:

- 3,393 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





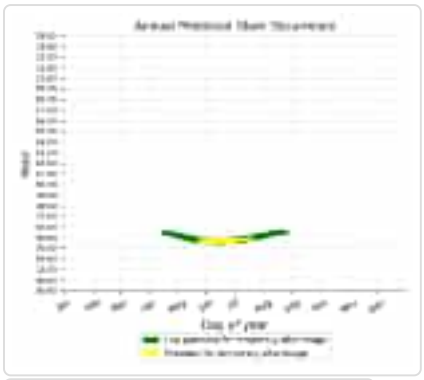


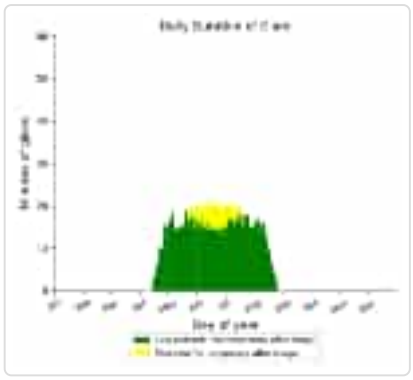


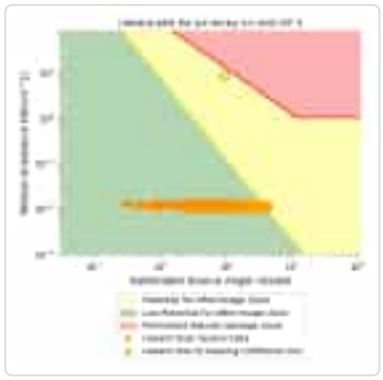
PV array 14: OP 4

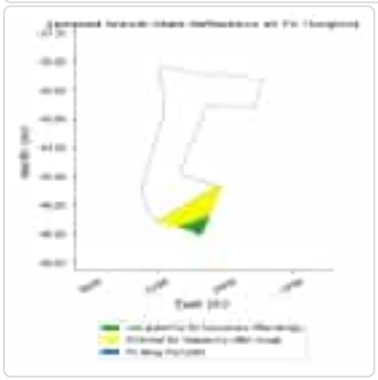
PV array is expected to produce the following glare for this receptor:

- 1,901 minutes of "green" glare with low potential to cause temporary after-image.
- 245 minutes of "yellow" glare with potential to cause temporary after-image.





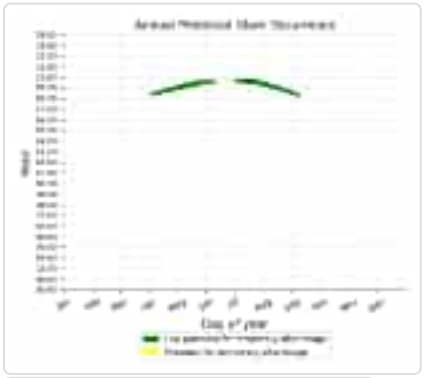


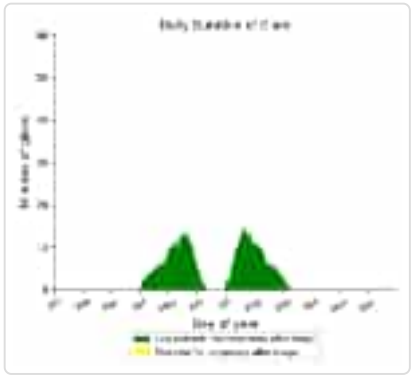


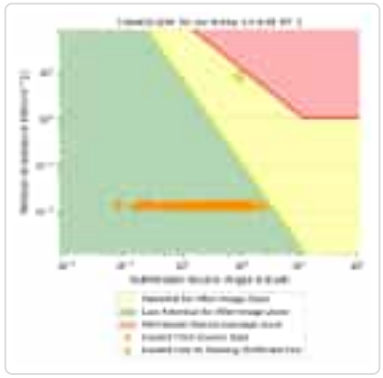
PV array 14: OP 5

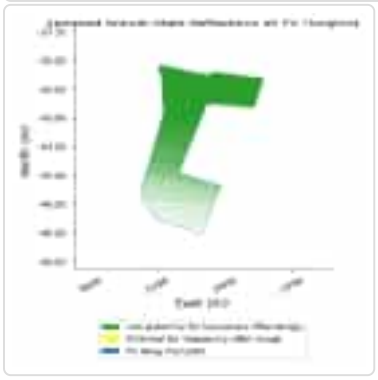
PV array is expected to produce the following glare for this receptor:

- 1,018 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





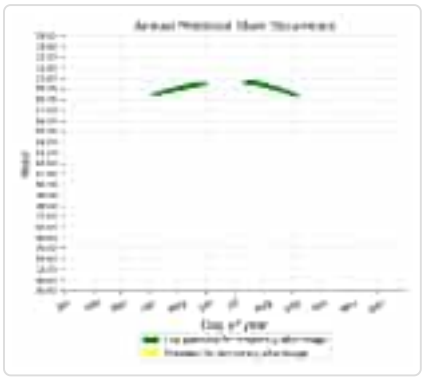


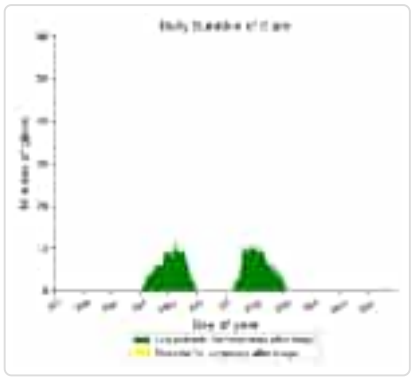


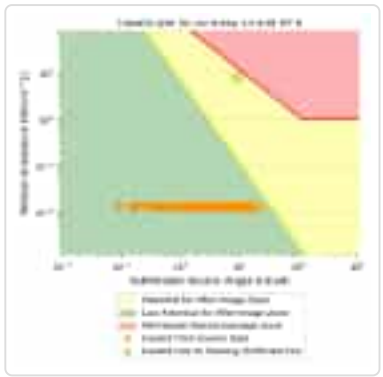
PV array 14: OP 6

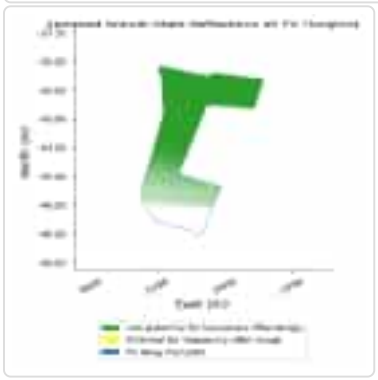
PV array is expected to produce the following glare for this receptor:

- 724 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





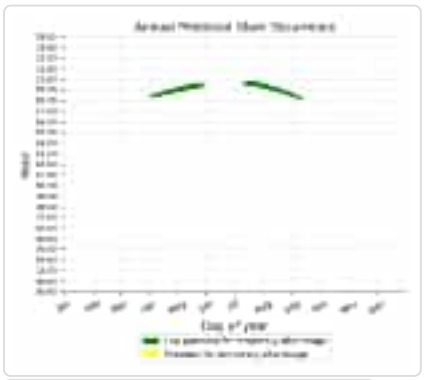


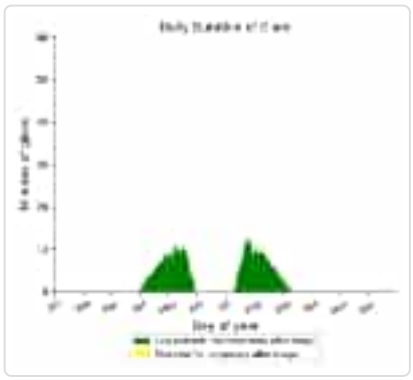


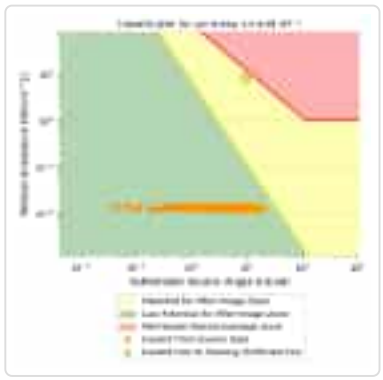
PV array 14: OP 7

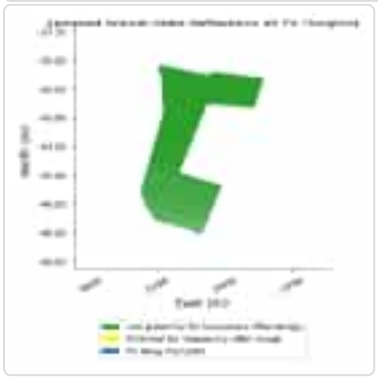
PV array is expected to produce the following glare for this receptor:

- 784 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





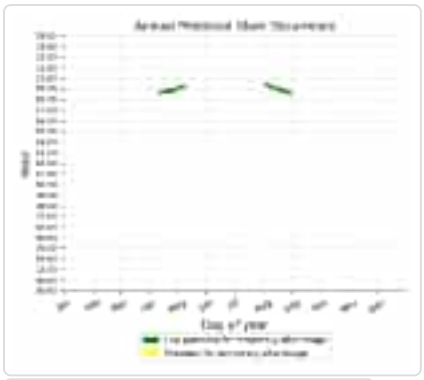


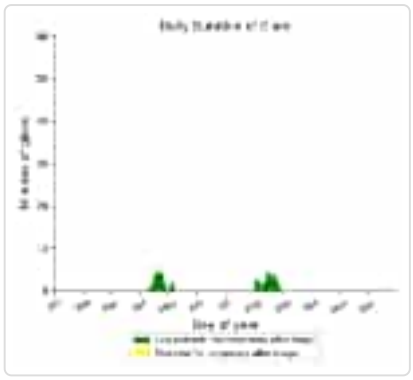


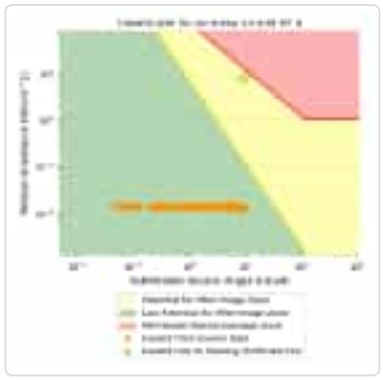
PV array 14: OP 8

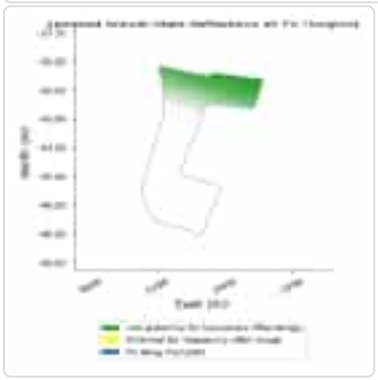
PV array is expected to produce the following glare for this receptor:

- 138 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14: OP 9

No glare found

PV array 14: OP 10

No glare found

PV array 14: OP 11

No glare found

PV array 14: OP 12

No glare found

PV array 14: OP 13

No glare found

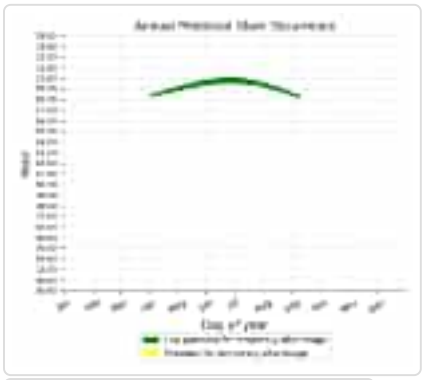
PV array 14: OP 14

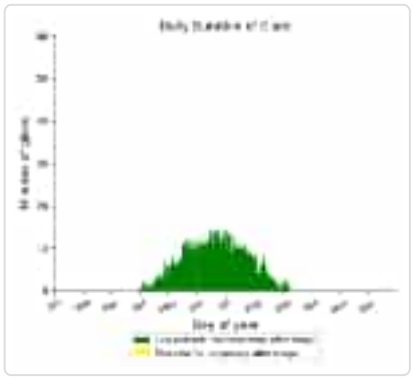
No glare found

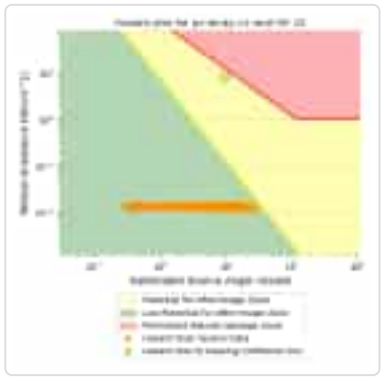
PV array 14: OP 15

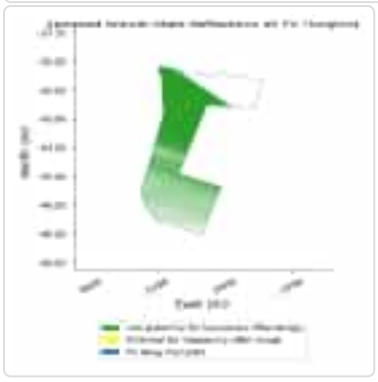
PV array is expected to produce the following glare for this receptor:

- 1,199 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





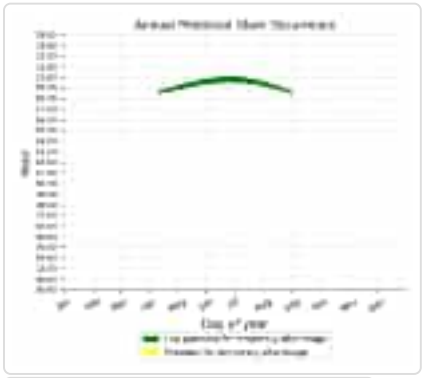


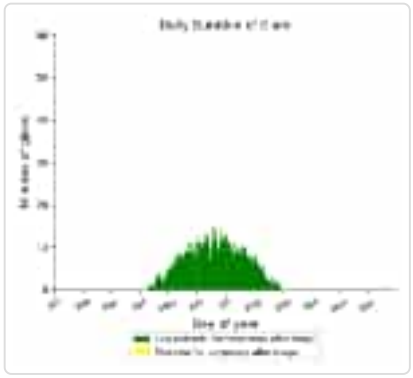


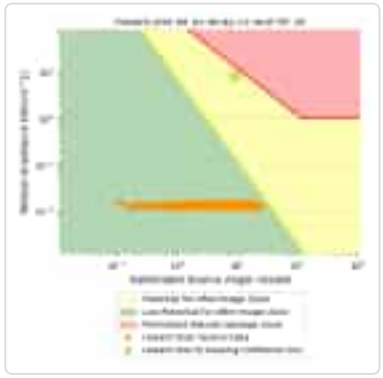
PV array 14: OP 16

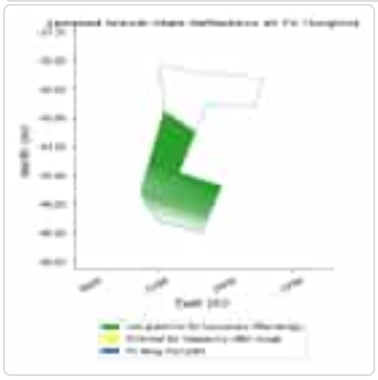
PV array is expected to produce the following glare for this receptor:

- 1,037 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





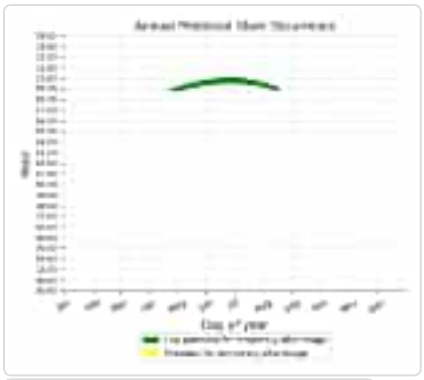


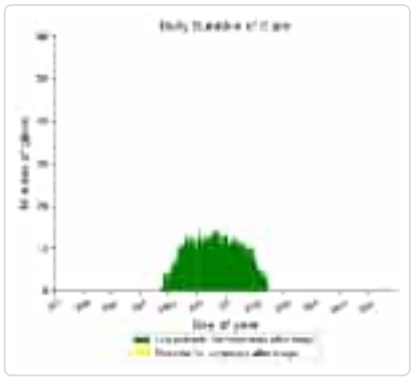


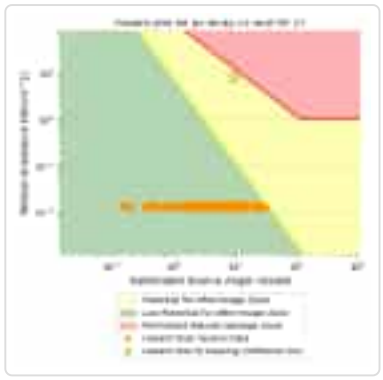
PV array 14: OP 17

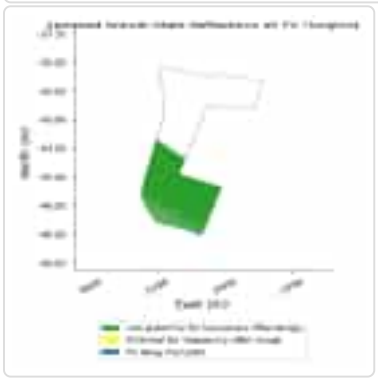
PV array is expected to produce the following glare for this receptor:

- 1,110 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





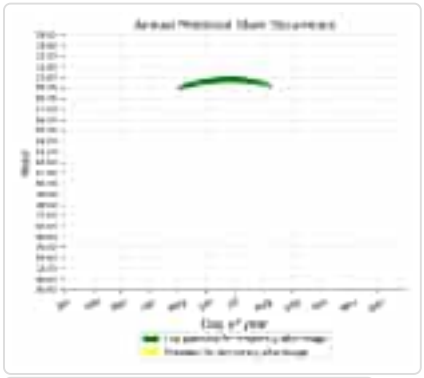


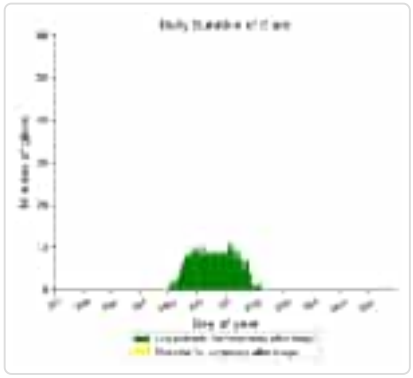


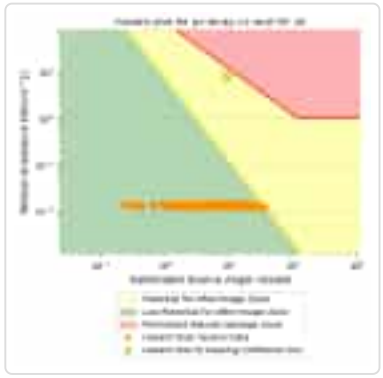
PV array 14: OP 18

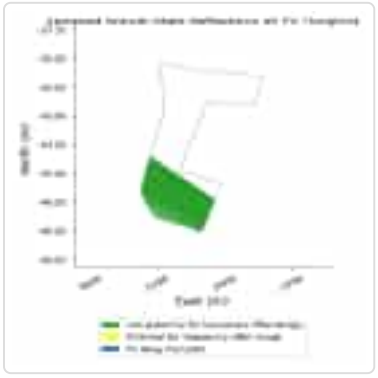
PV array is expected to produce the following glare for this receptor:

- 651 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





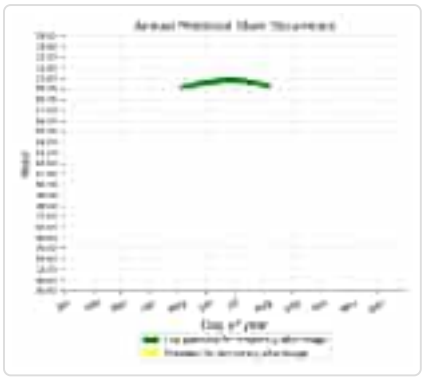


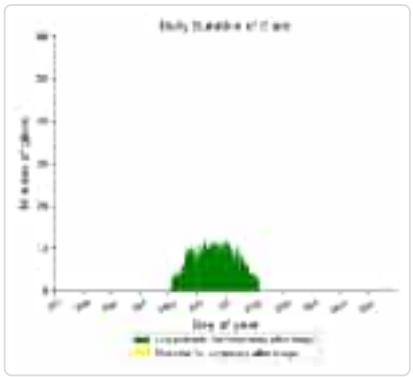


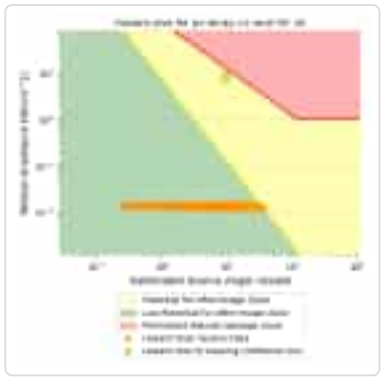
PV array 14: OP 19

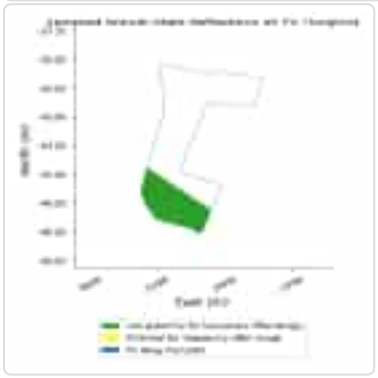
PV array is expected to produce the following glare for this receptor:

- 751 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





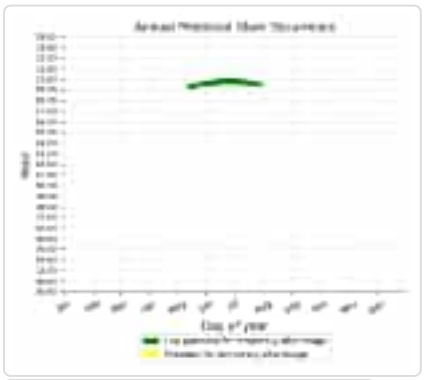


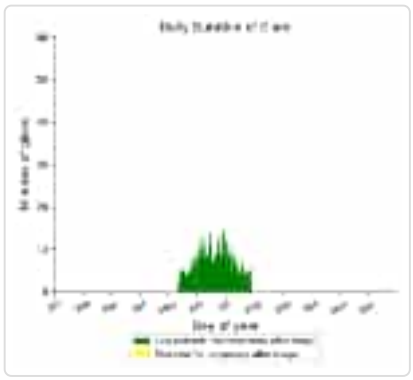


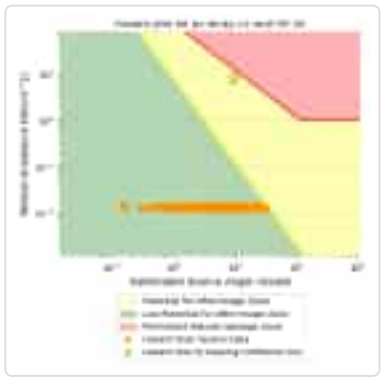
PV array 14: OP 20

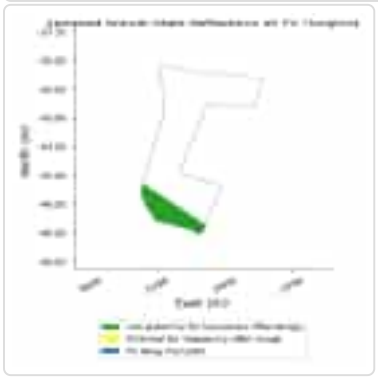
PV array is expected to produce the following glare for this receptor:

- 589 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14: OP 21

No glare found

PV array 14: OP 22

No glare found

PV array 14: OP 23

No glare found

PV array 14: OP 24

No glare found

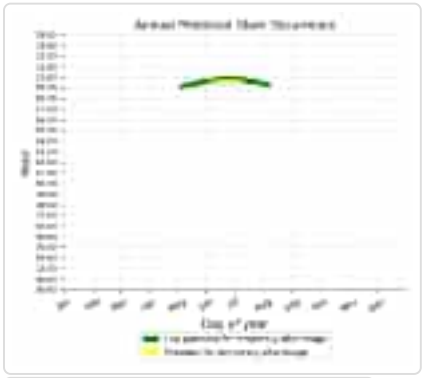
PV array 14: OP 25

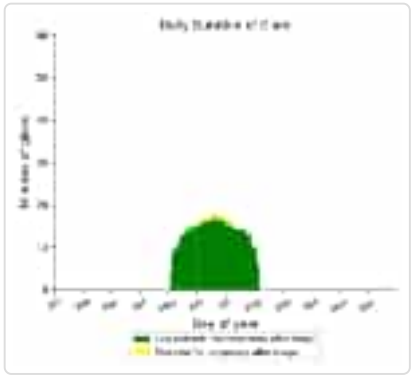
No glare found

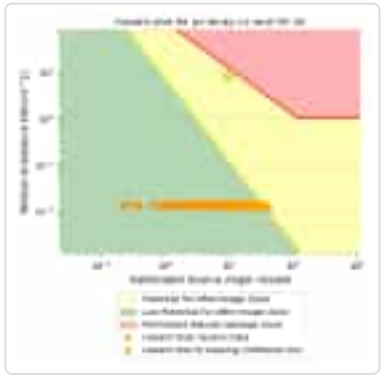
PV array 14: OP 26

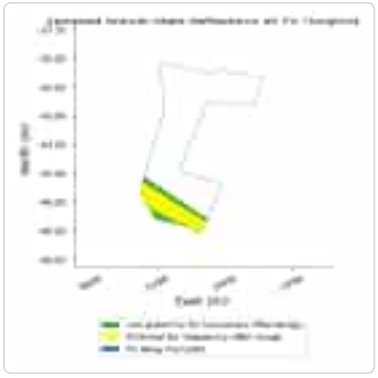
PV array is expected to produce the following glare for this receptor:

- 1,305 minutes of "green" glare with low potential to cause temporary after-image.
- 33 minutes of "yellow" glare with potential to cause temporary after-image.





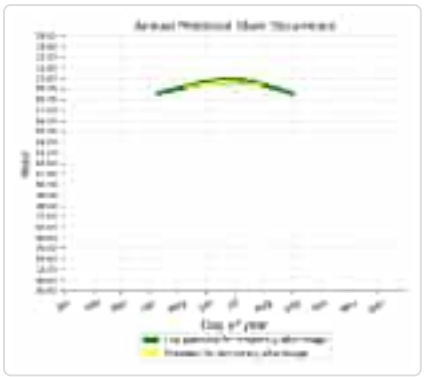


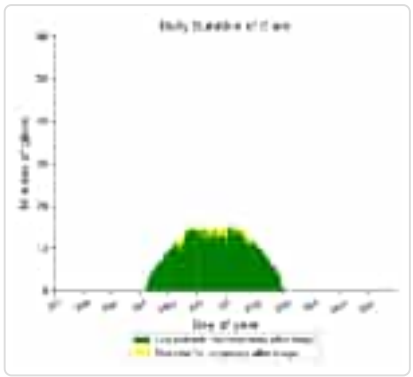


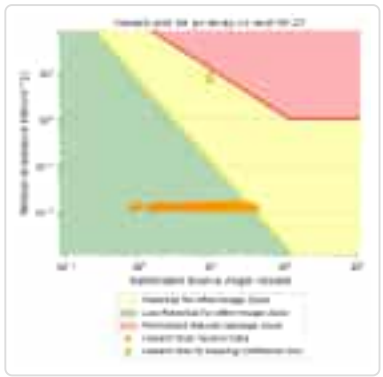
PV array 14: OP 27

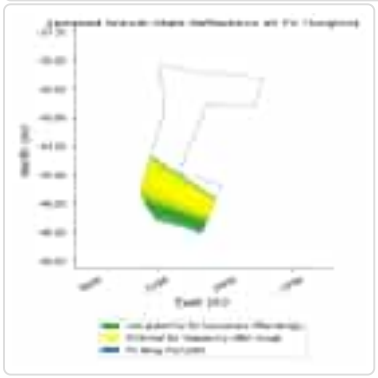
PV array is expected to produce the following glare for this receptor:

- 1,531 minutes of "green" glare with low potential to cause temporary after-image.
- 81 minutes of "yellow" glare with potential to cause temporary after-image.





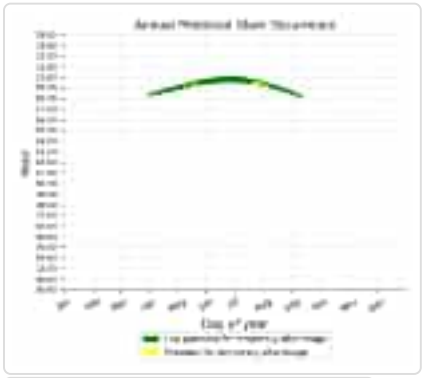


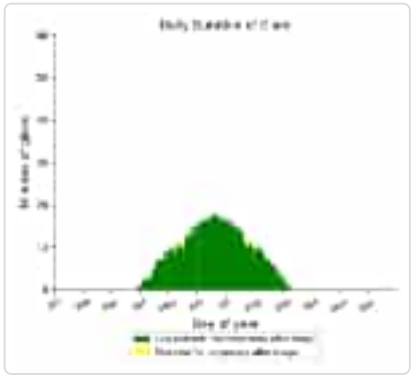


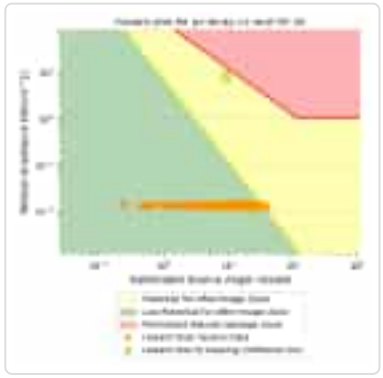
PV array 14: OP 28

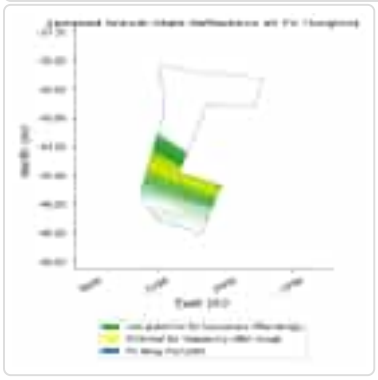
PV array is expected to produce the following glare for this receptor:

- 1,642 minutes of "green" glare with low potential to cause temporary after-image.
- 18 minutes of "yellow" glare with potential to cause temporary after-image.





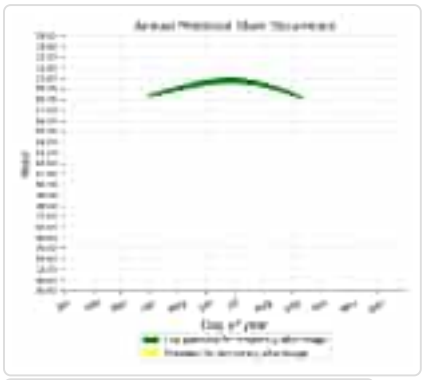


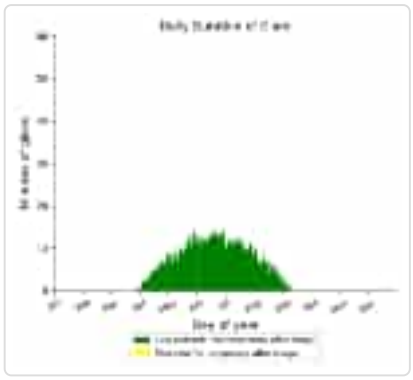


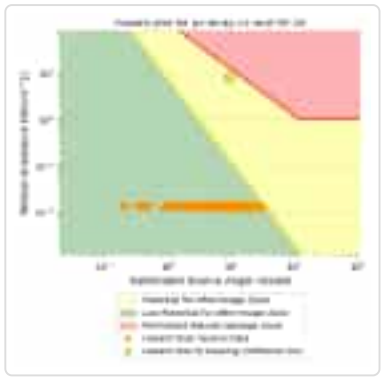
PV array 14: OP 29

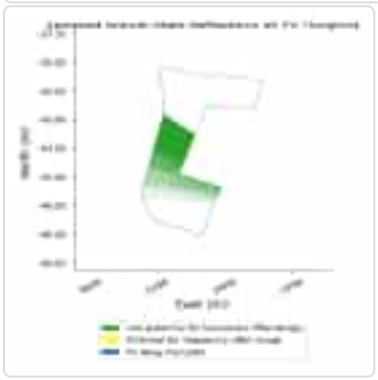
PV array is expected to produce the following glare for this receptor:

- 1,361 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14: OP 30

No glare found

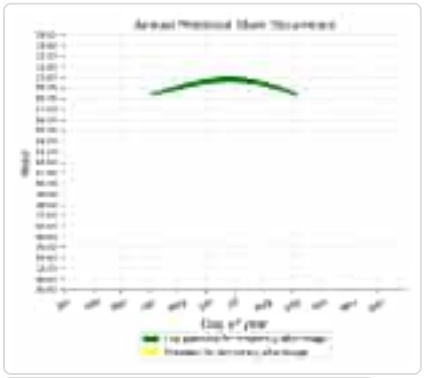
PV array 14: OP 31

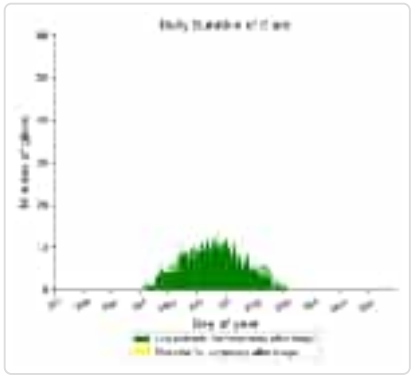
No glare found

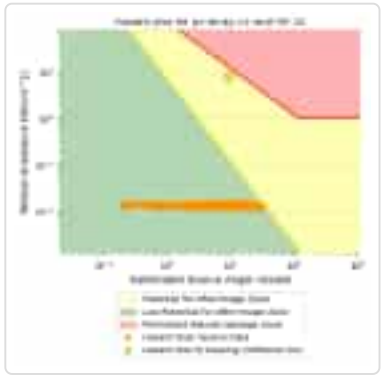
PV array 14: OP 32

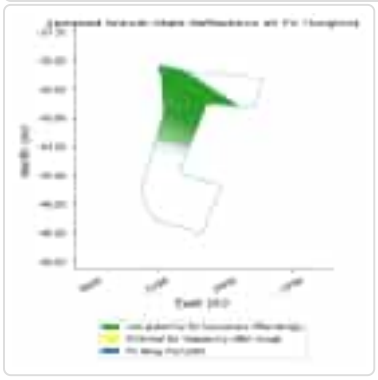
PV array is expected to produce the following glare for this receptor:

- 935 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









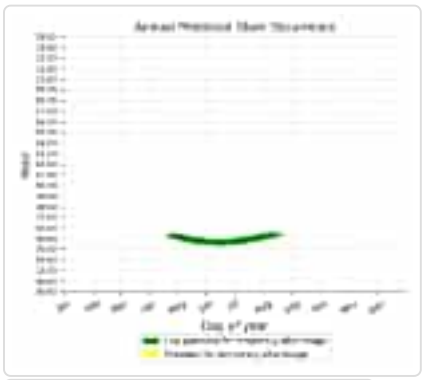
PV array 14: OP 33

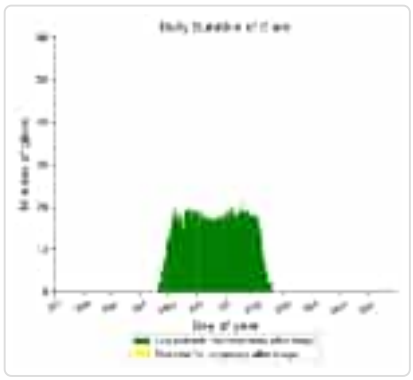
No glare found

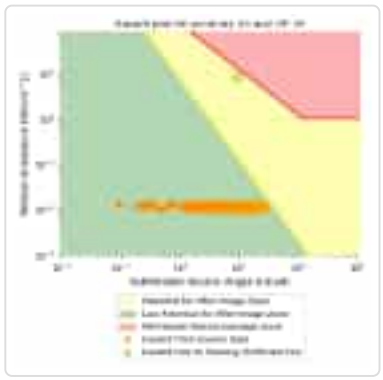
PV array 14: OP 34

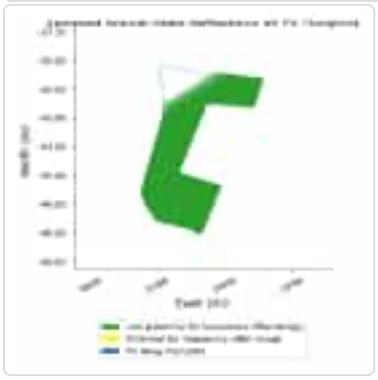
PV array is expected to produce the following glare for this receptor:

- 1,915 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





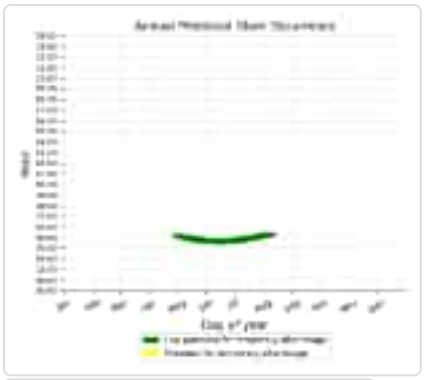


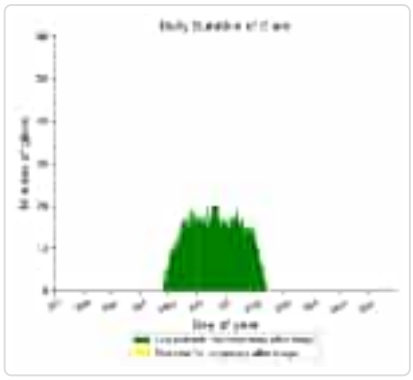


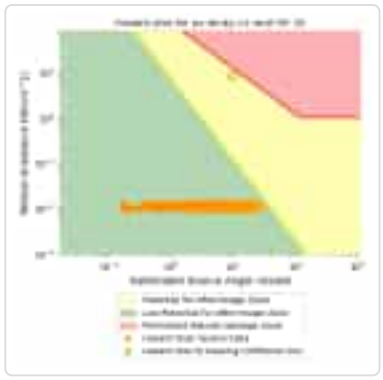
PV array 14: OP 35

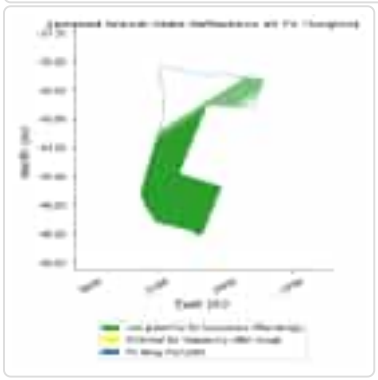
PV array is expected to produce the following glare for this receptor:

- 1,585 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





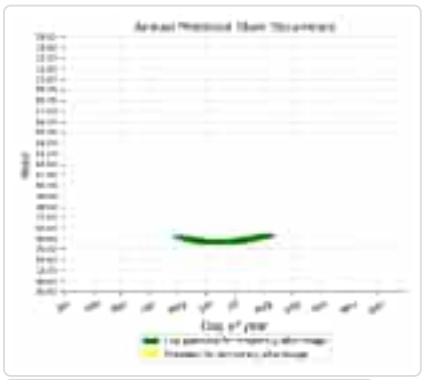


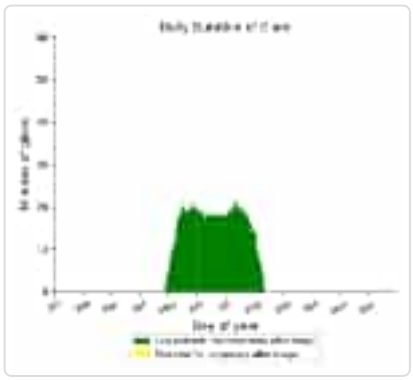


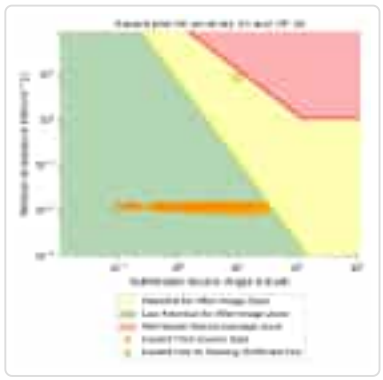
PV array 14: OP 36

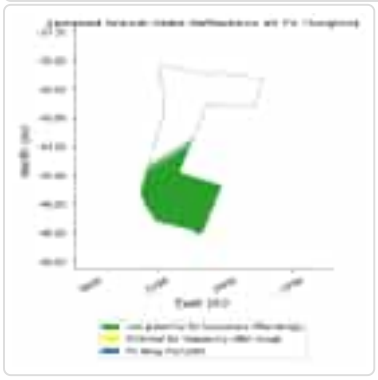
PV array is expected to produce the following glare for this receptor:

- 1,734 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





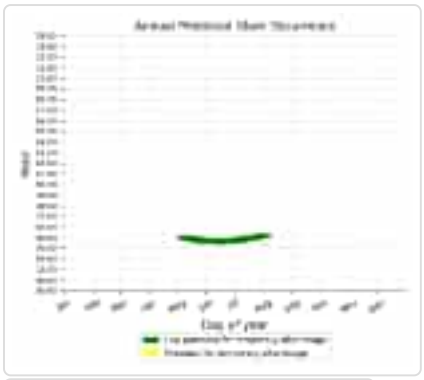


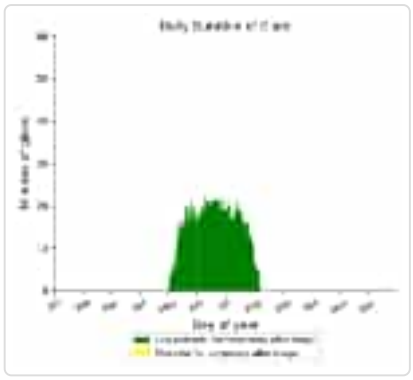


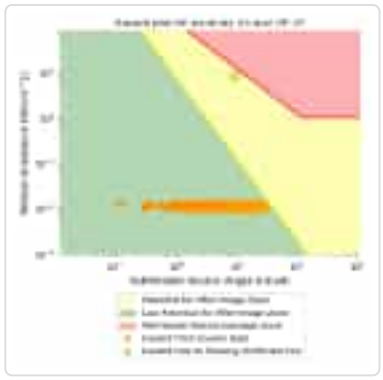
PV array 14: OP 37

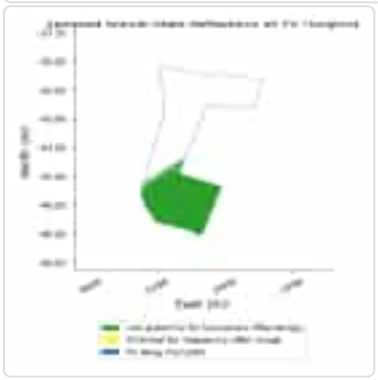
PV array is expected to produce the following glare for this receptor:

- 1,581 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





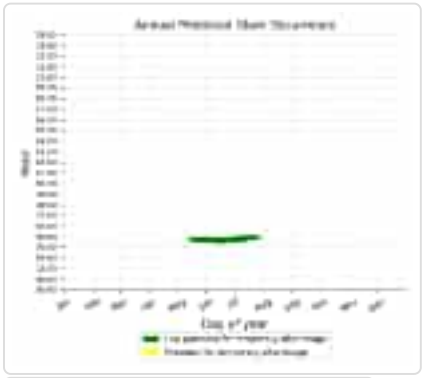
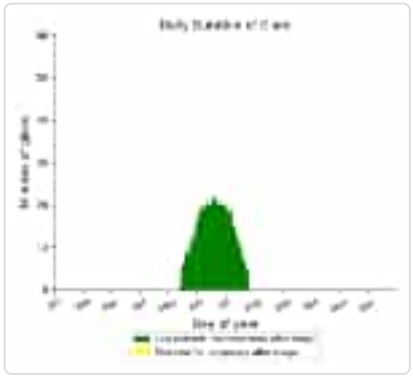
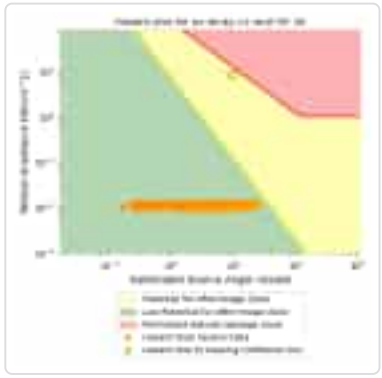
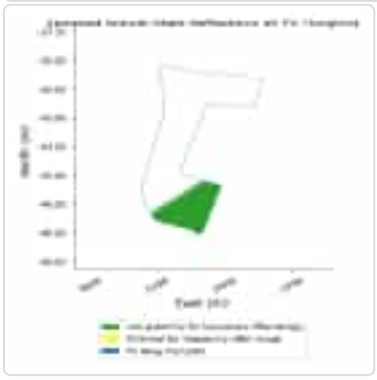




PV array 14: OP 38

PV array is expected to produce the following glare for this receptor:

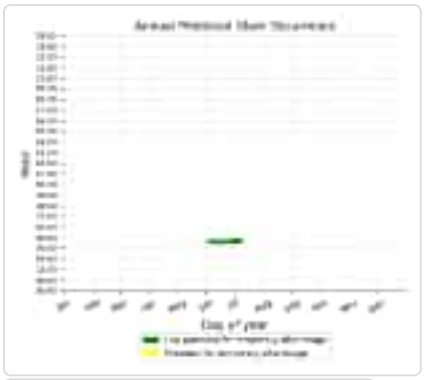
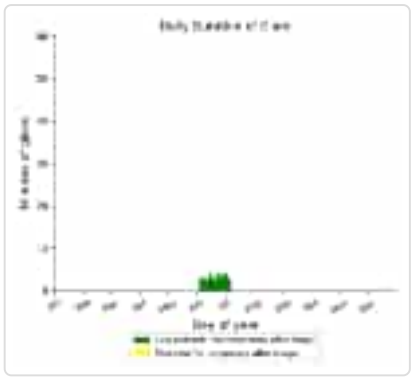
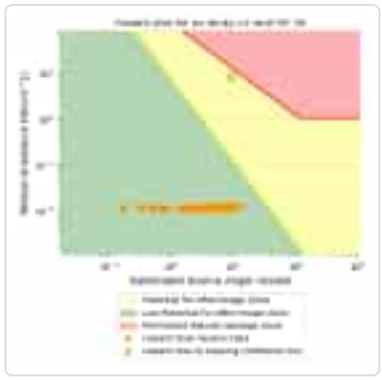
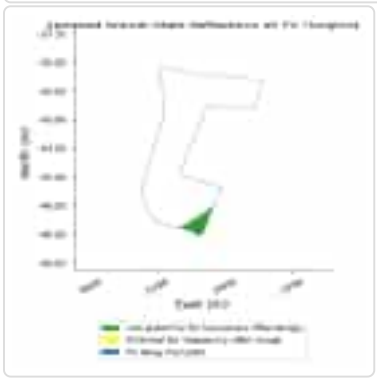
- 1,090 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 14: OP 39

PV array is expected to produce the following glare for this receptor:

- 109 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 14: OP 40

No glare found

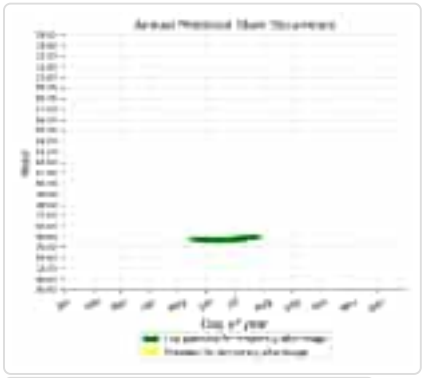
PV array 14: OP 41

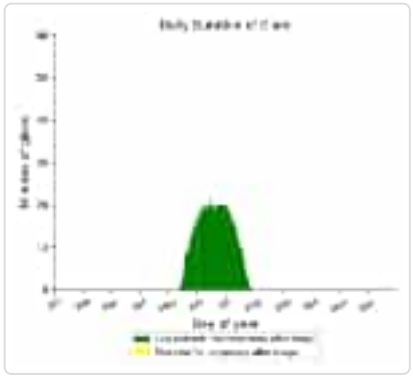
No glare found

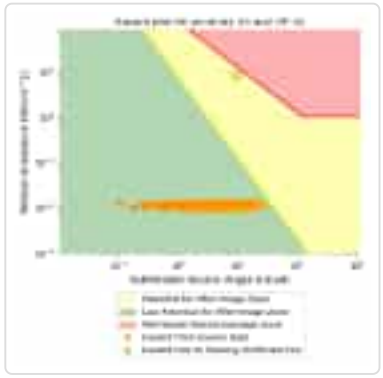
PV array 14: OP 42

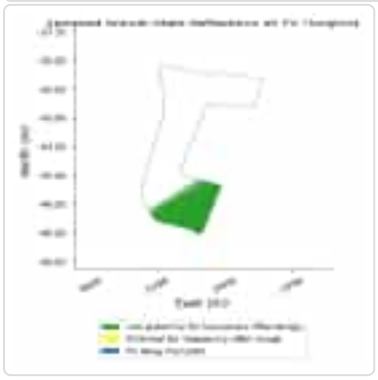
PV array is expected to produce the following glare for this receptor:

- 1,079 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





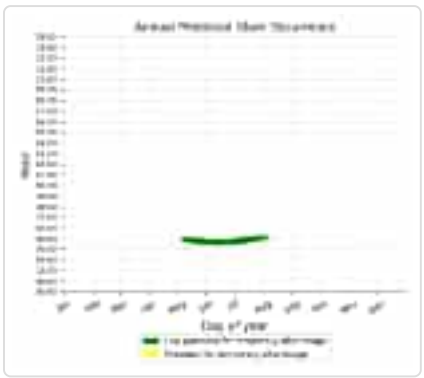


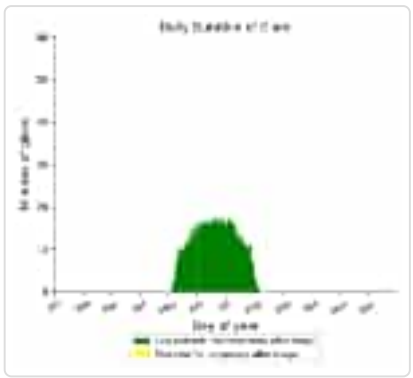


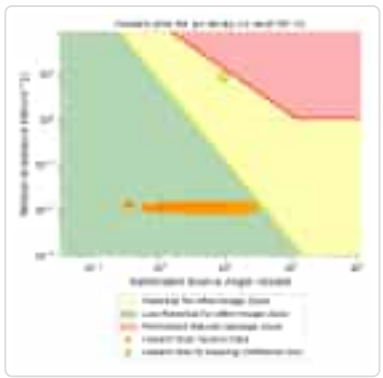
PV array 14: OP 43

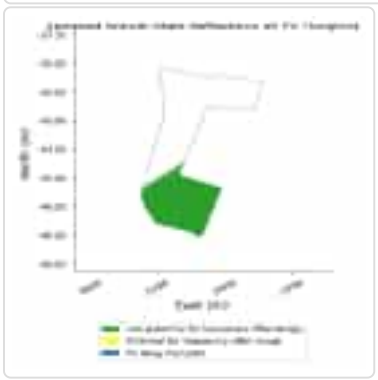
PV array is expected to produce the following glare for this receptor:

- 1,189 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	940	0
OP: OP 3	1054	0
OP: OP 4	3480	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	33	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	133	0
OP: OP 13	600	0
OP: OP 14	972	0
OP: OP 15	1761	0
OP: OP 16	2974	0
OP: OP 17	2573	0
OP: OP 18	2665	0
OP: OP 19	2794	0
OP: OP 20	2428	216
OP: OP 21	219	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	2335	257
OP: OP 27	1948	191
OP: OP 28	2661	874
OP: OP 29	3301	423
OP: OP 30	1866	0
OP: OP 31	1729	0
OP: OP 32	699	0
OP: OP 33	0	0
OP: OP 34	1094	0
OP: OP 35	1178	0
OP: OP 36	1728	0
OP: OP 37	1797	0
OP: OP 38	1635	0
OP: OP 39	1434	0
OP: OP 40	852	0
OP: OP 41	876	0
OP: OP 42	1737	0
OP: OP 43	1783	0

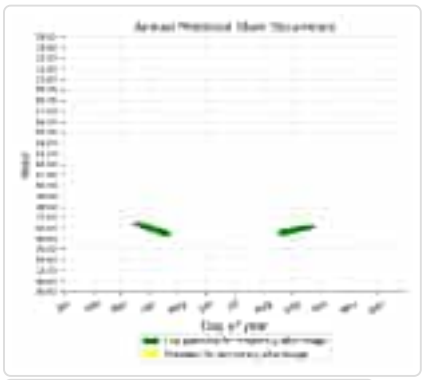
PV array 15: OP 1

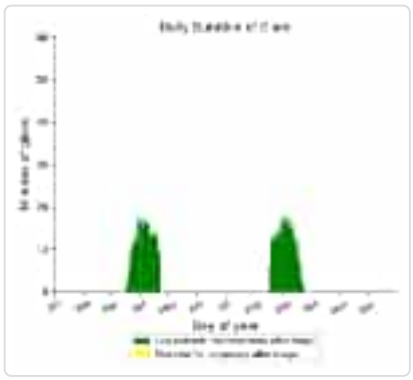
No glare found

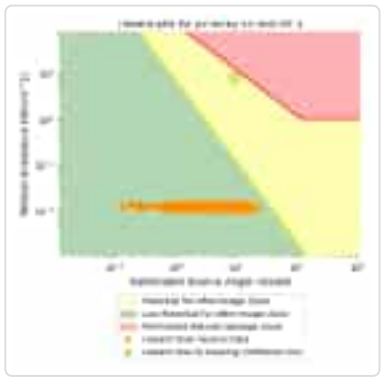
PV array 15: OP 2

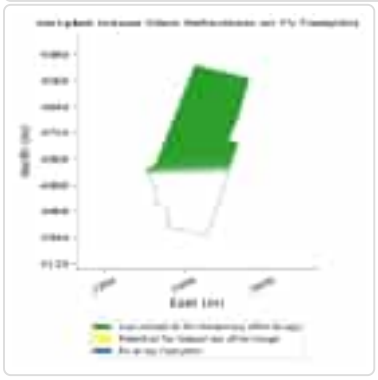
PV array is expected to produce the following glare for this receptor:

- 940 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





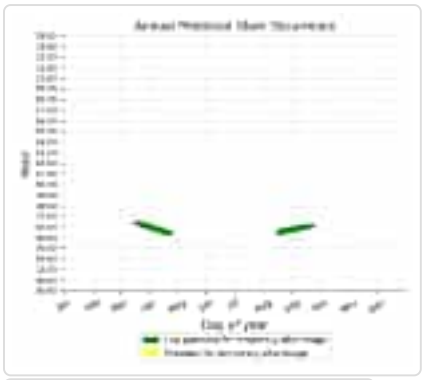


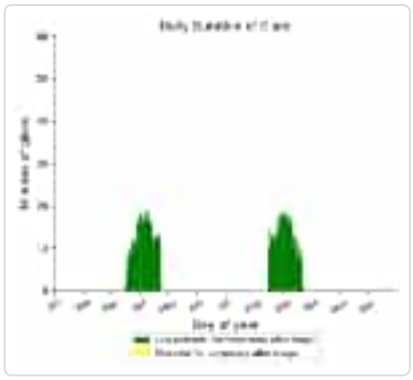


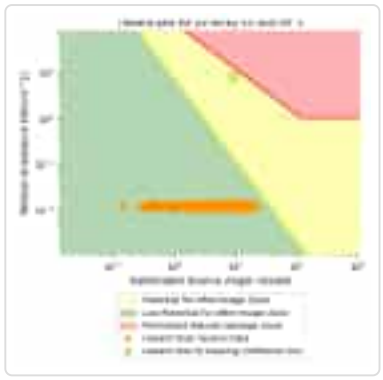
PV array 15: OP 3

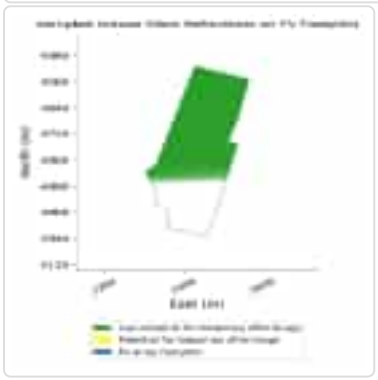
PV array is expected to produce the following glare for this receptor:

- 1,054 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





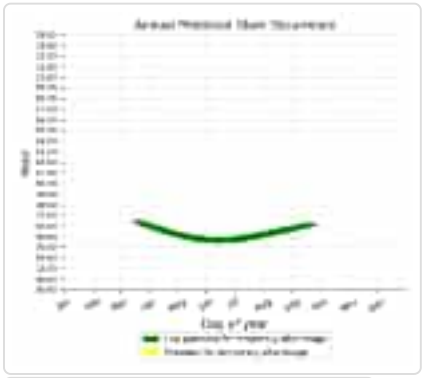


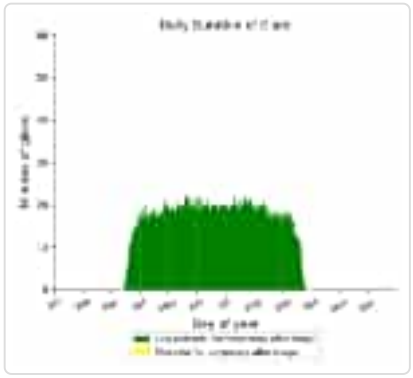


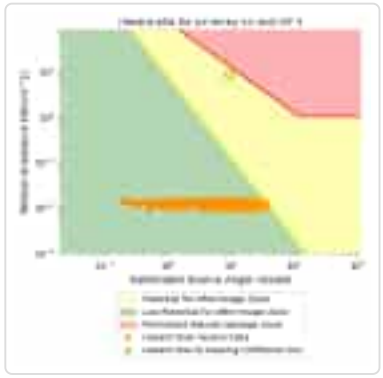
PV array 15: OP 4

PV array is expected to produce the following glare for this receptor:

- 3,480 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 15: OP 5

No glare found

PV array 15: OP 6

No glare found

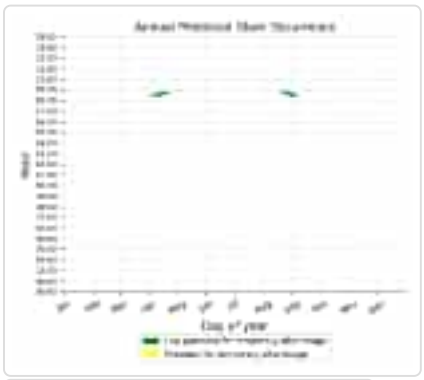
PV array 15: OP 7

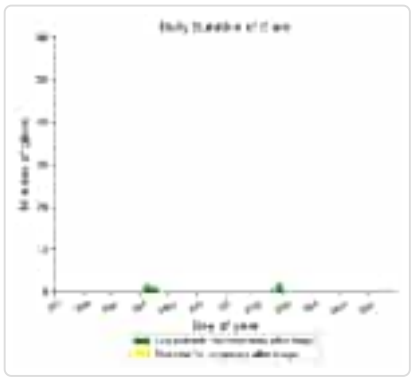
No glare found

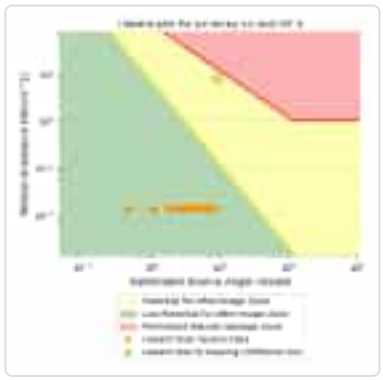
PV array 15: OP 8

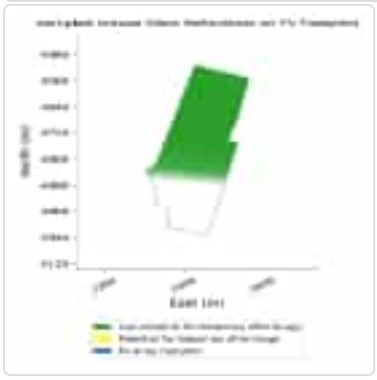
PV array is expected to produce the following glare for this receptor:

- 33 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 9

No glare found

PV array 15: OP 10

No glare found

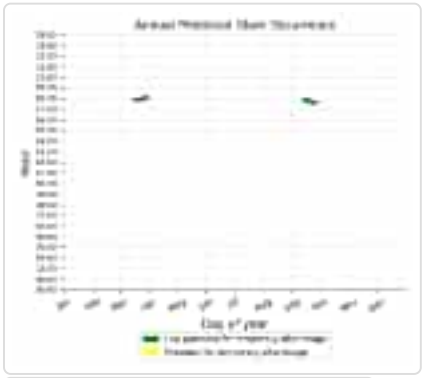
PV array 15: OP 11

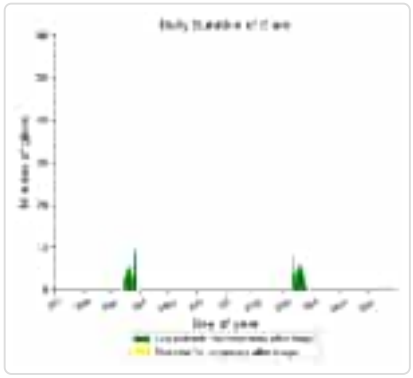
No glare found

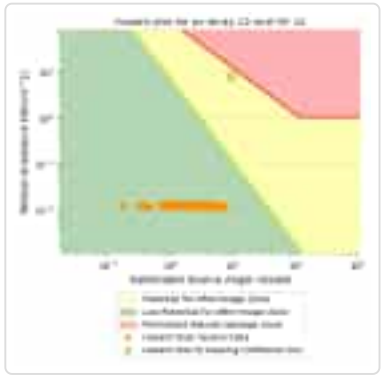
PV array 15: OP 12

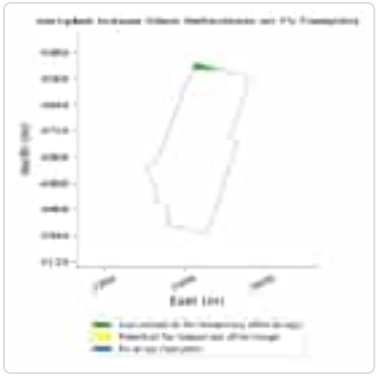
PV array is expected to produce the following glare for this receptor:

- 133 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





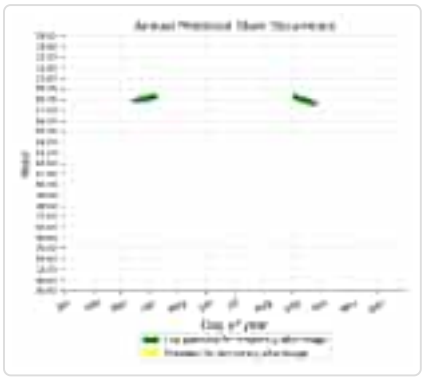


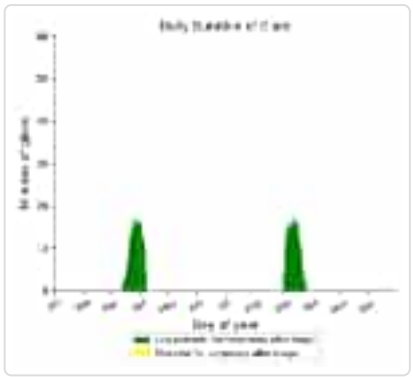


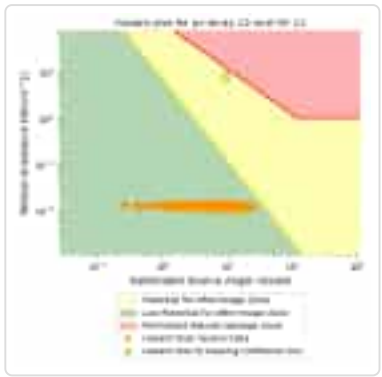
PV array 15: OP 13

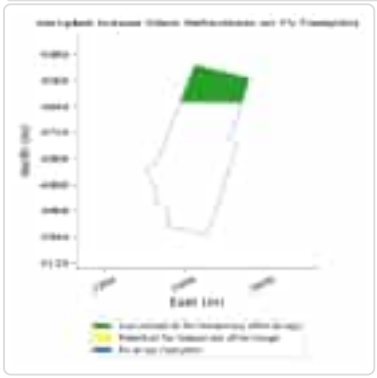
PV array is expected to produce the following glare for this receptor:

- 600 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





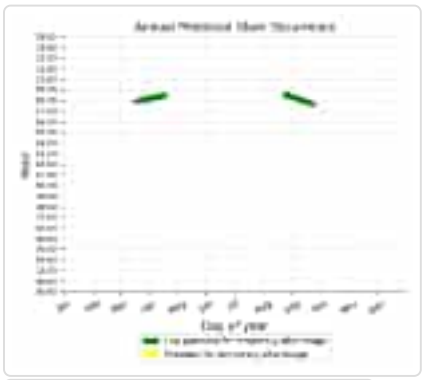


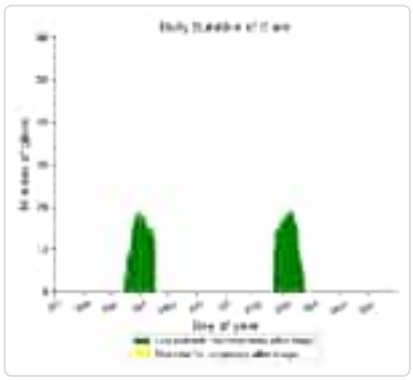


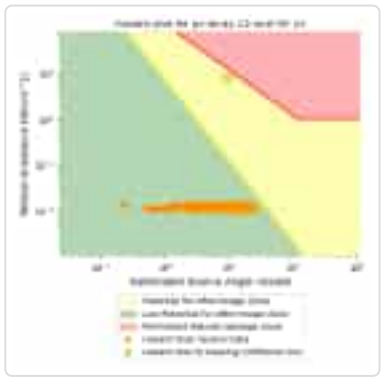
PV array 15: OP 14

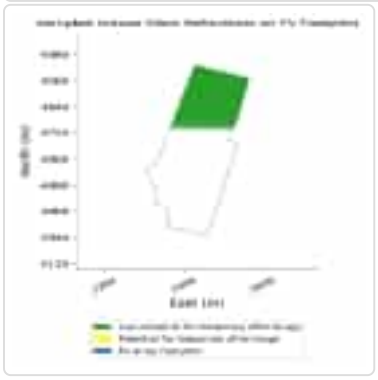
PV array is expected to produce the following glare for this receptor:

- 972 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





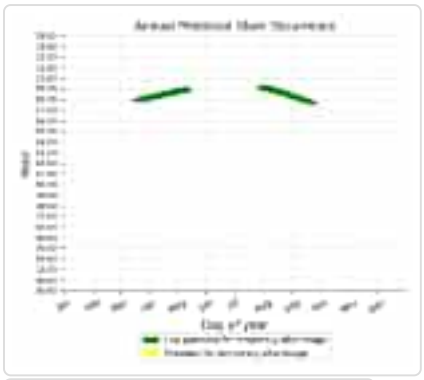


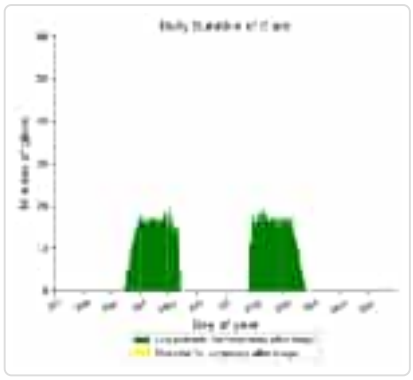


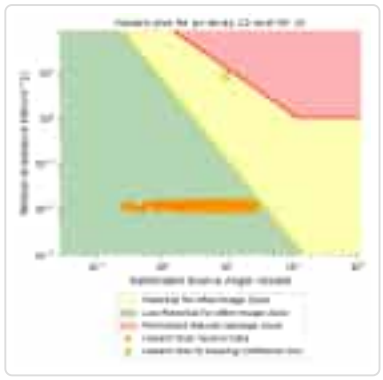
PV array 15: OP 15

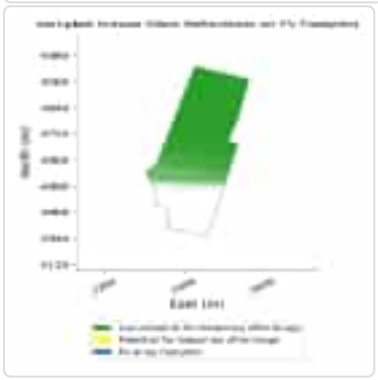
PV array is expected to produce the following glare for this receptor:

- 1,761 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





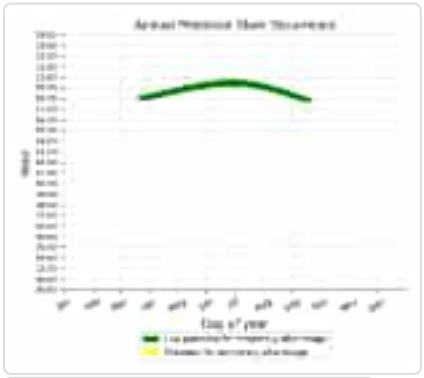


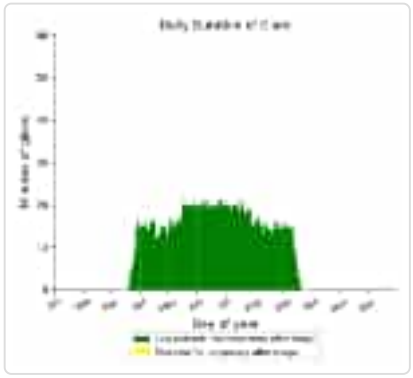


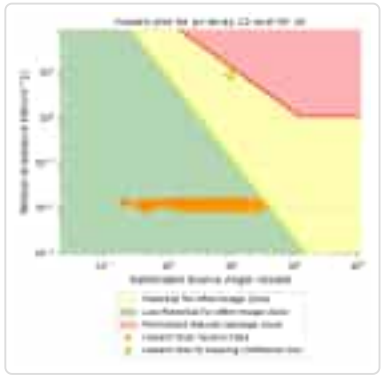
PV array 15: OP 16

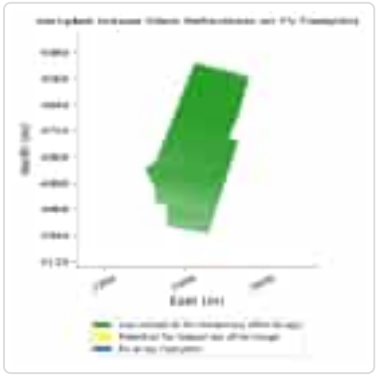
PV array is expected to produce the following glare for this receptor:

- 2,974 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





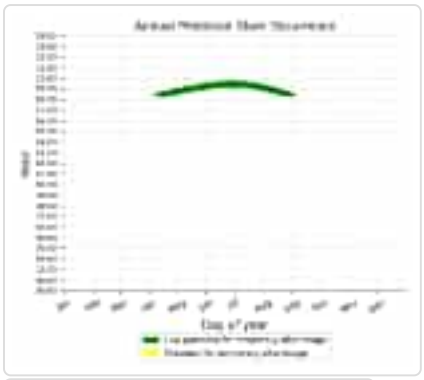


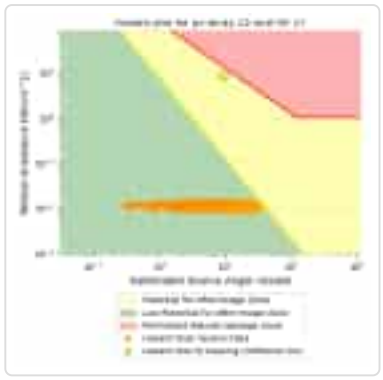


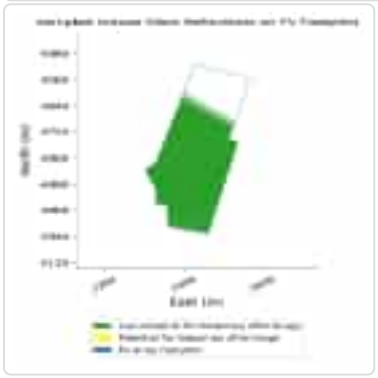
PV array 15: OP 17

PV array is expected to produce the following glare for this receptor:

- 2,573 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



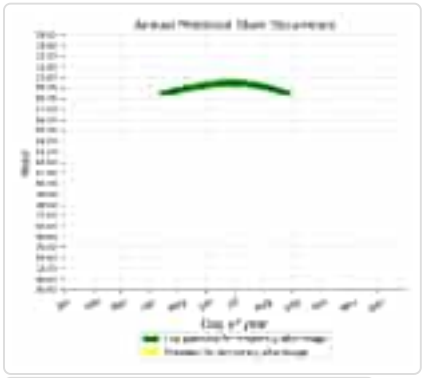


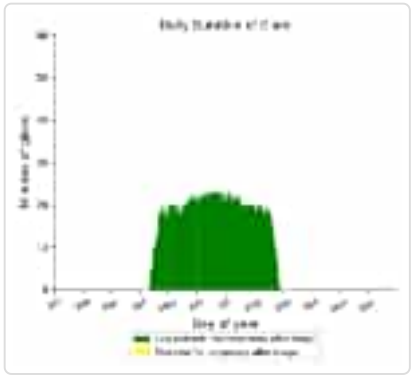


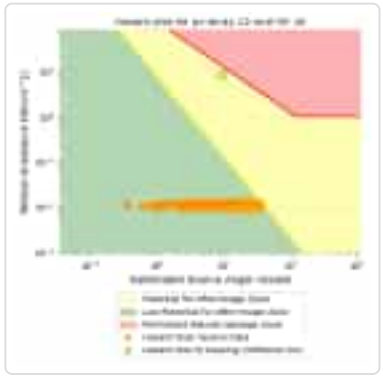
PV array 15: OP 18

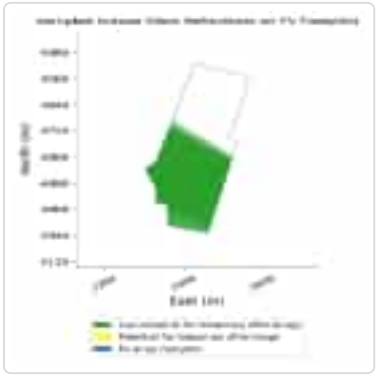
PV array is expected to produce the following glare for this receptor:

- 2,665 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





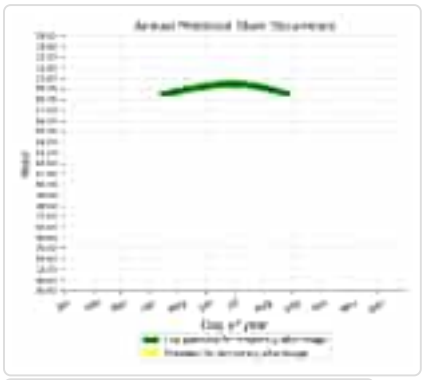


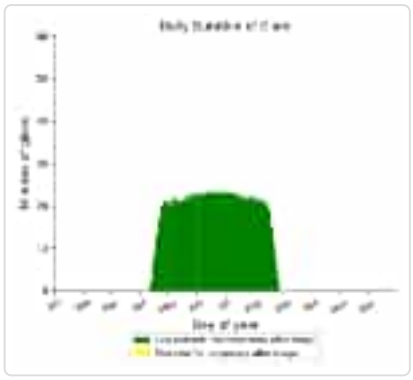


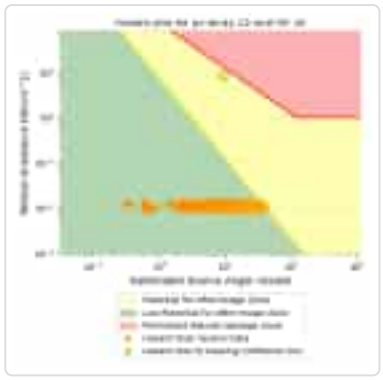
PV array 15: OP 19

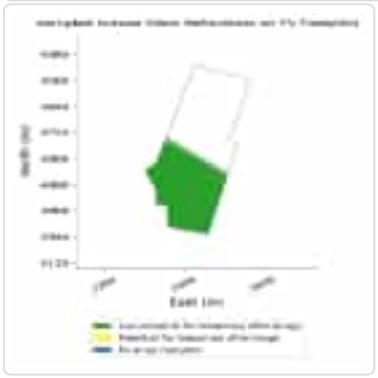
PV array is expected to produce the following glare for this receptor:

- 2,794 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





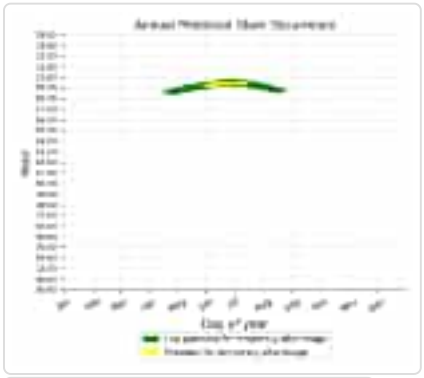


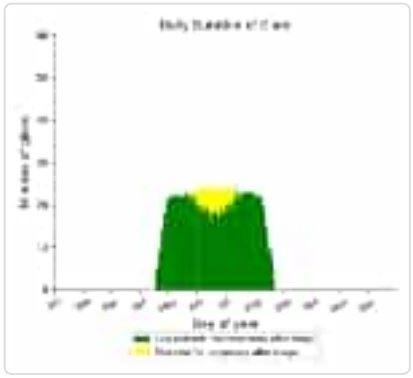


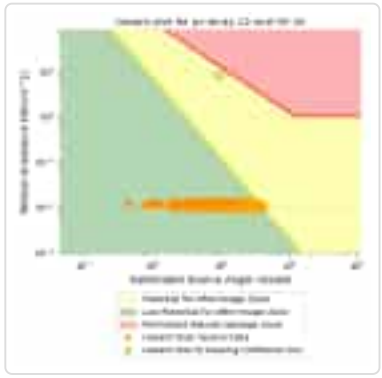
PV array 15: OP 20

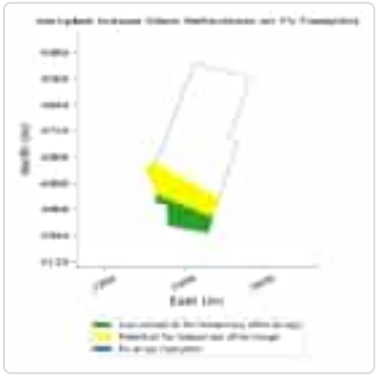
PV array is expected to produce the following glare for this receptor:

- 2,428 minutes of "green" glare with low potential to cause temporary after-image.
- 216 minutes of "yellow" glare with potential to cause temporary after-image.





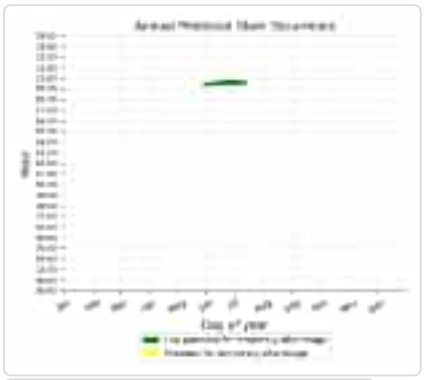


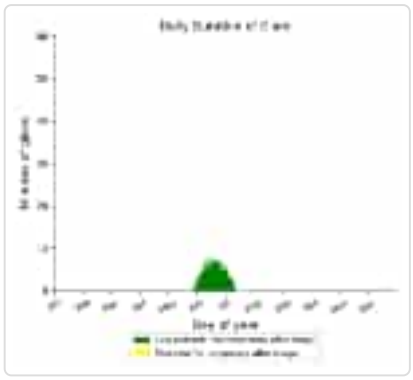


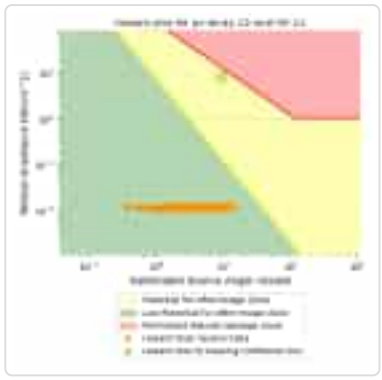
PV array 15: OP 21

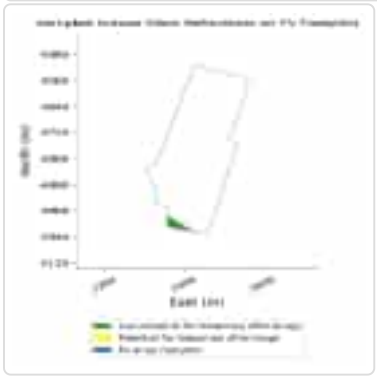
PV array is expected to produce the following glare for this receptor:

- 219 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 22

No glare found

PV array 15: OP 23

No glare found

PV array 15: OP 24

No glare found

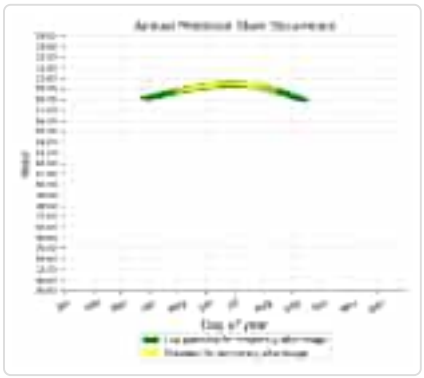
PV array 15: OP 25

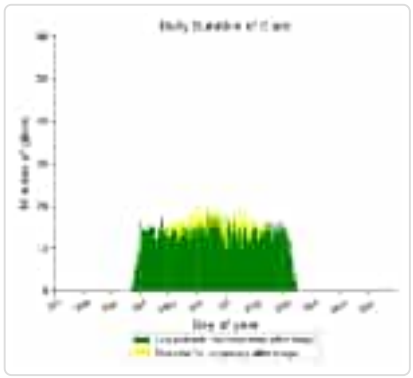
No glare found

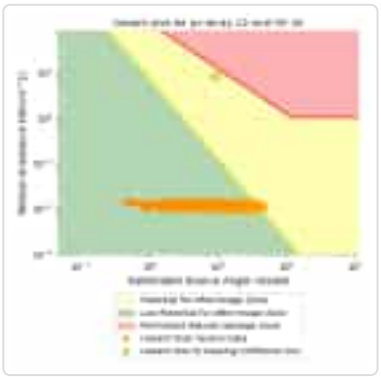
PV array 15: OP 26

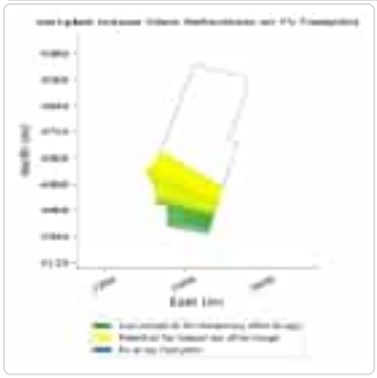
PV array is expected to produce the following glare for this receptor:

- 2,335 minutes of "green" glare with low potential to cause temporary after-image.
- 257 minutes of "yellow" glare with potential to cause temporary after-image.





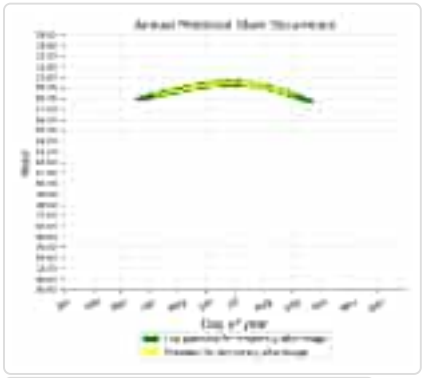


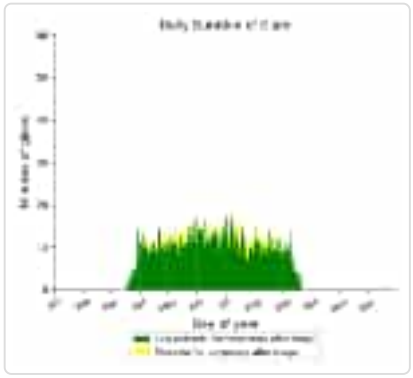


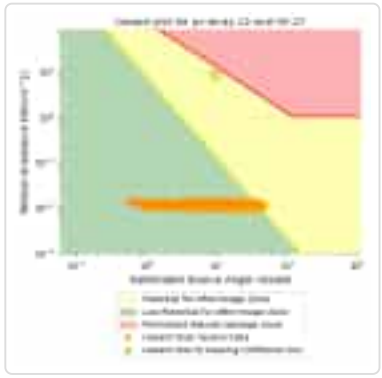
PV array 15: OP 27

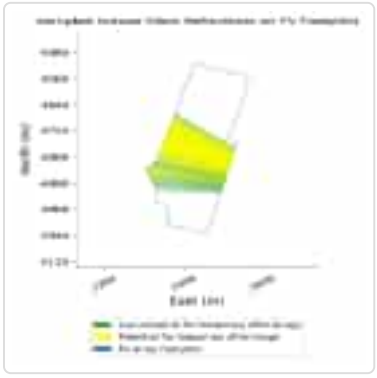
PV array is expected to produce the following glare for this receptor:

- 1,948 minutes of "green" glare with low potential to cause temporary after-image.
- 191 minutes of "yellow" glare with potential to cause temporary after-image.





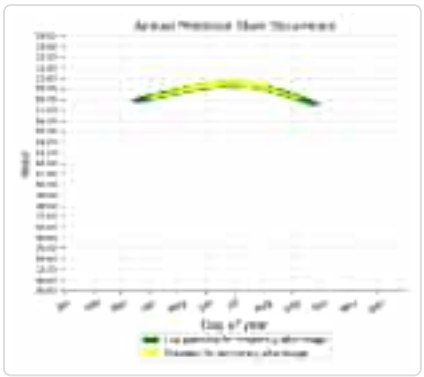


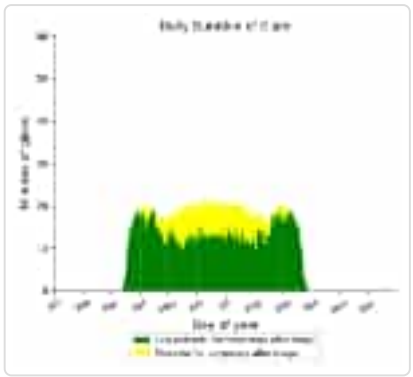


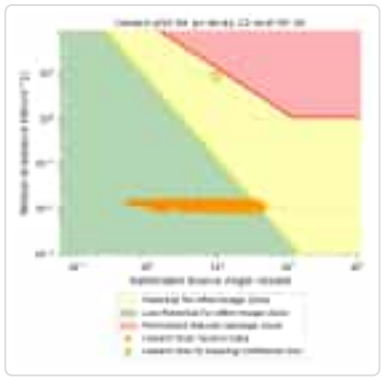
PV array 15: OP 28

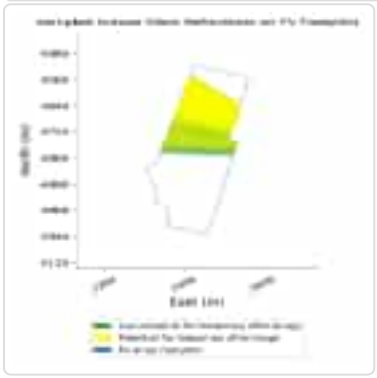
PV array is expected to produce the following glare for this receptor:

- 2,661 minutes of "green" glare with low potential to cause temporary after-image.
- 874 minutes of "yellow" glare with potential to cause temporary after-image.





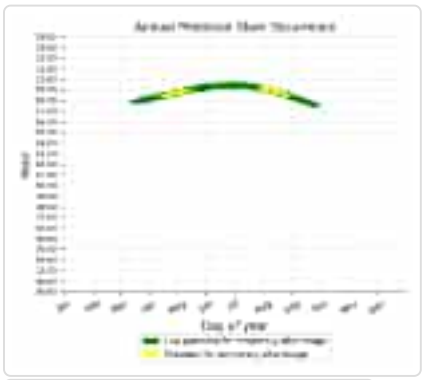


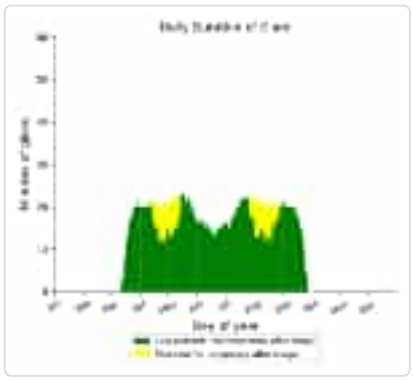


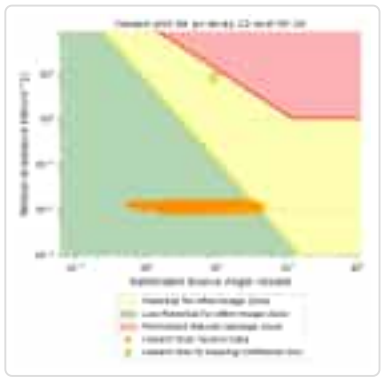
PV array 15: OP 29

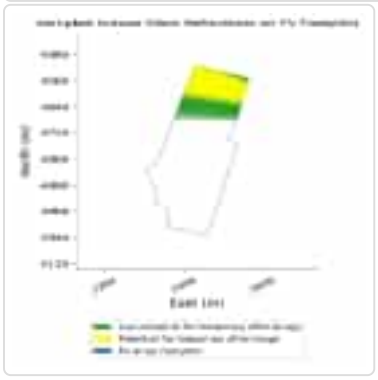
PV array is expected to produce the following glare for this receptor:

- 3,301 minutes of "green" glare with low potential to cause temporary after-image.
- 423 minutes of "yellow" glare with potential to cause temporary after-image.





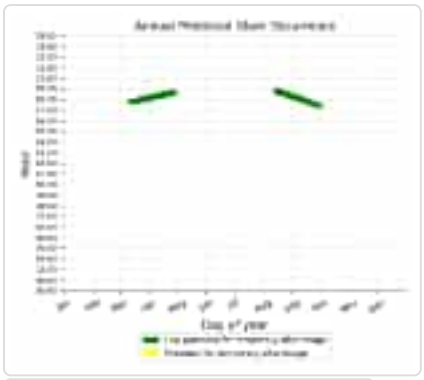


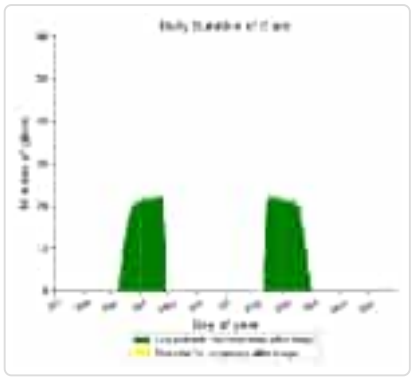


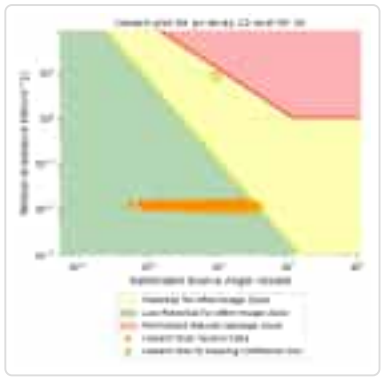
PV array 15: OP 30

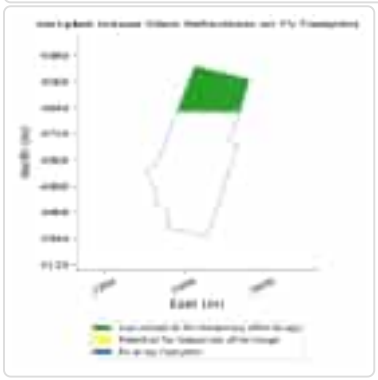
PV array is expected to produce the following glare for this receptor:

- 1,866 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





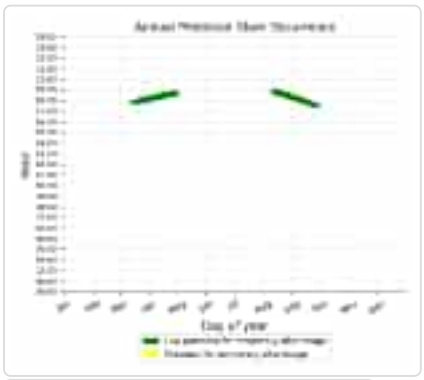


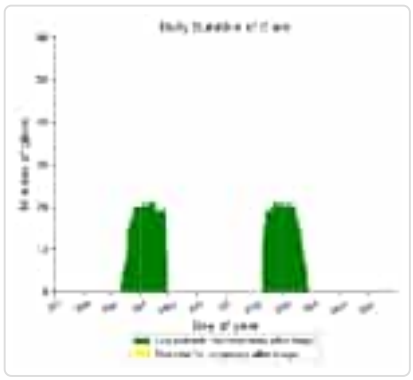


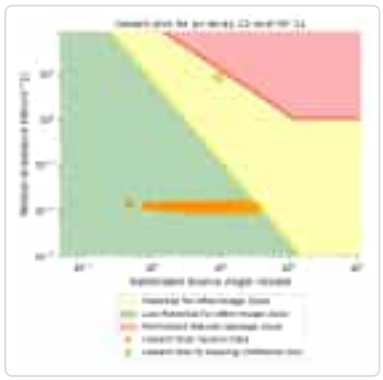
PV array 15: OP 31

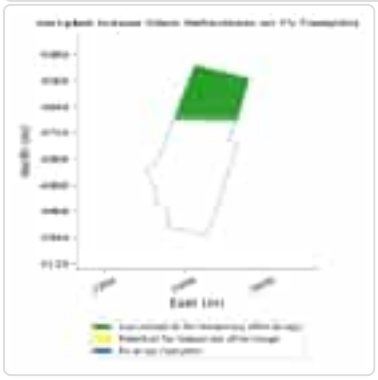
PV array is expected to produce the following glare for this receptor:

- 1,729 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





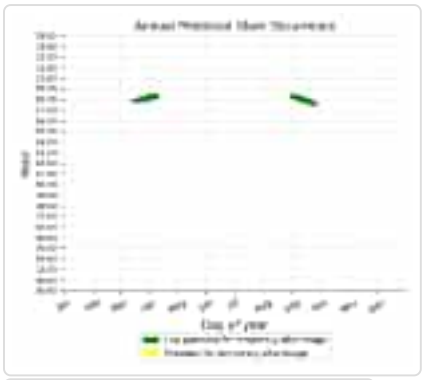


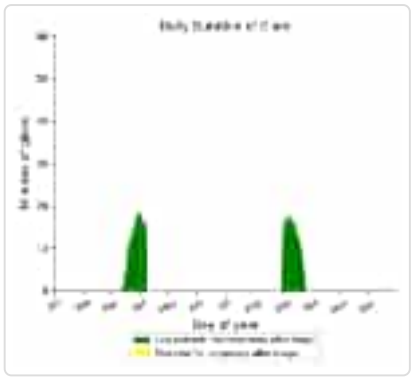


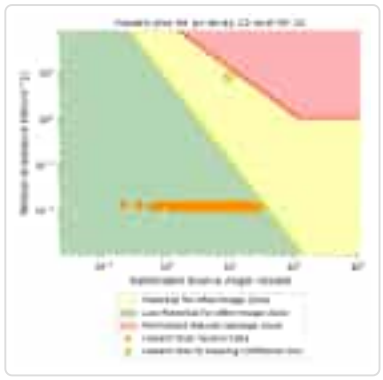
PV array 15: OP 32

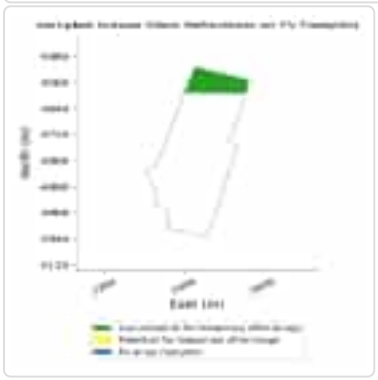
PV array is expected to produce the following glare for this receptor:

- 699 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









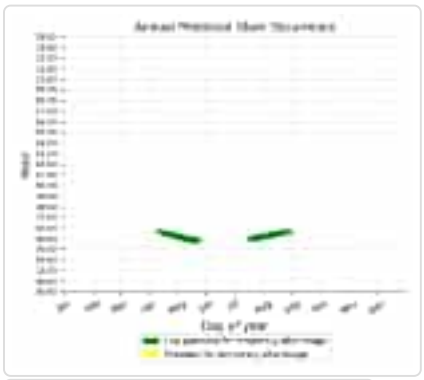
PV array 15: OP 33

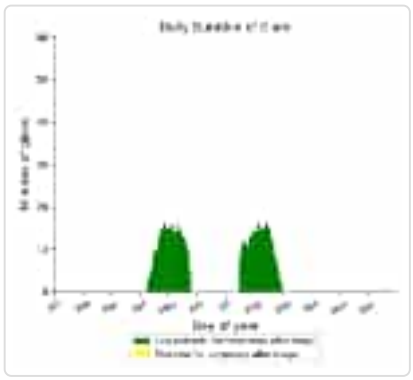
No glare found

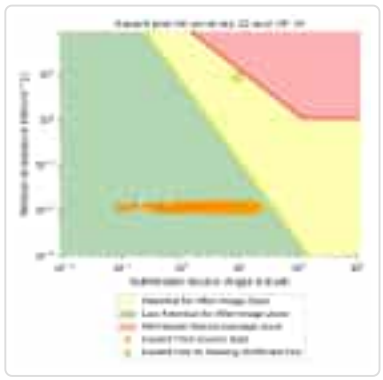
PV array 15: OP 34

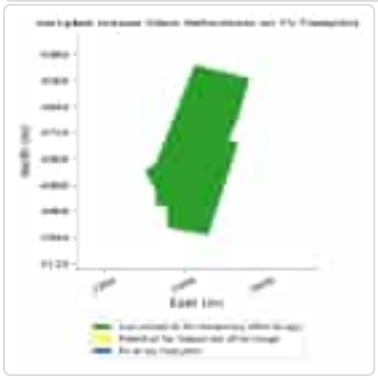
PV array is expected to produce the following glare for this receptor:

- 1,094 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





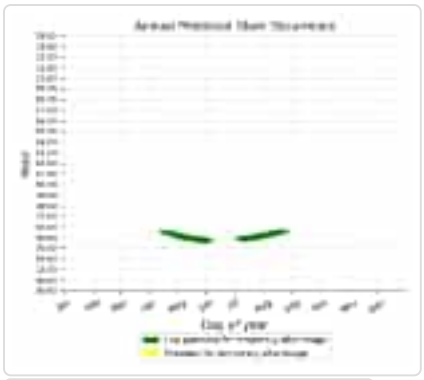


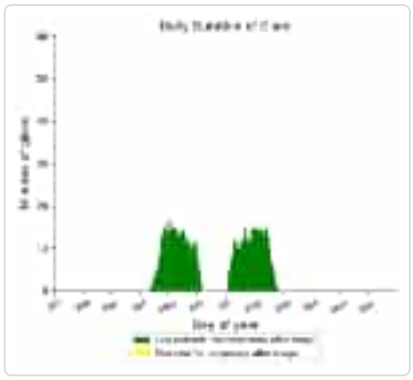


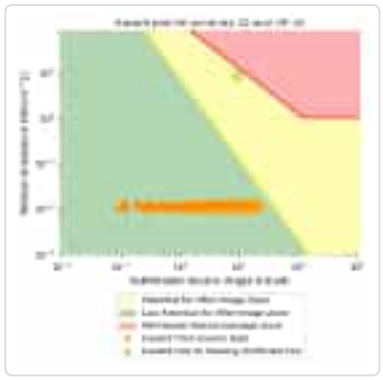
PV array 15: OP 35

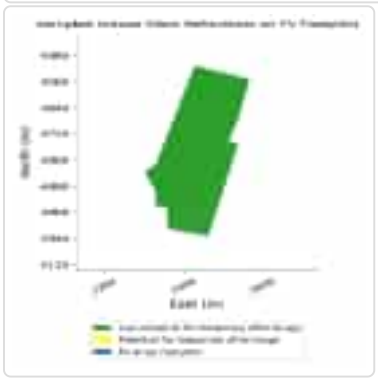
PV array is expected to produce the following glare for this receptor:

- 1,178 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





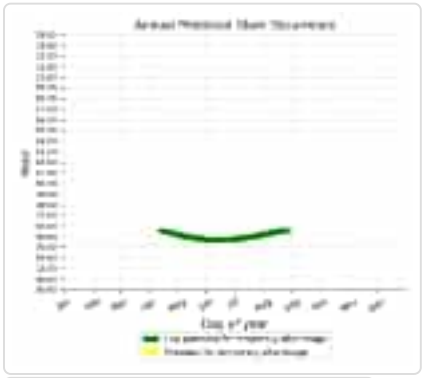


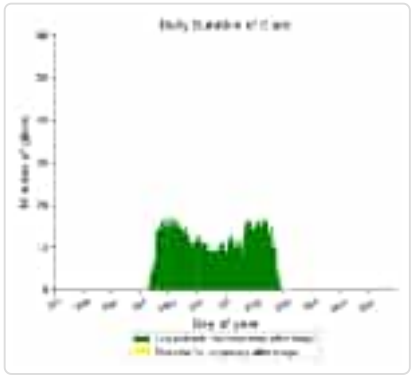


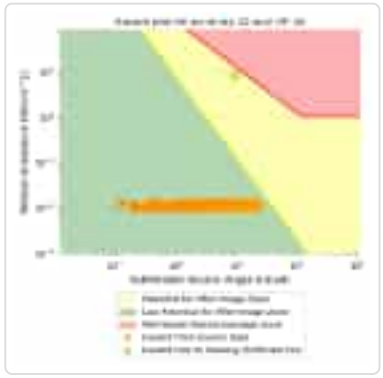
PV array 15: OP 36

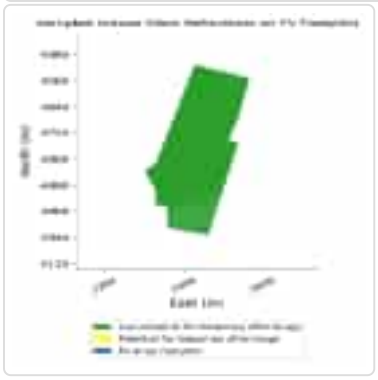
PV array is expected to produce the following glare for this receptor:

- 1,728 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





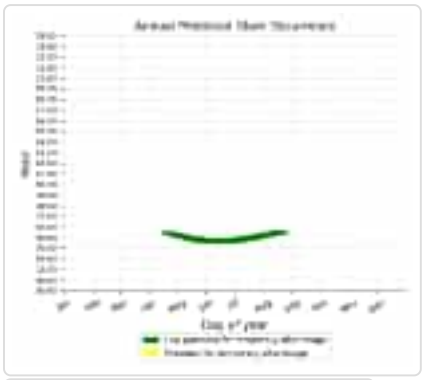


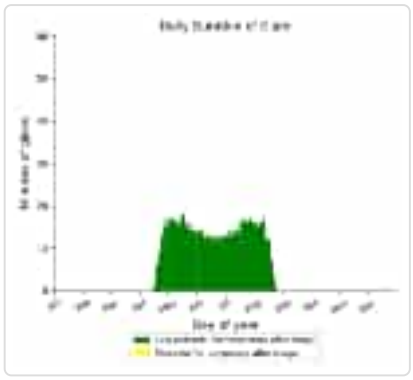


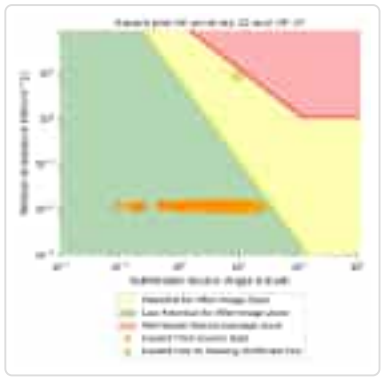
PV array 15: OP 37

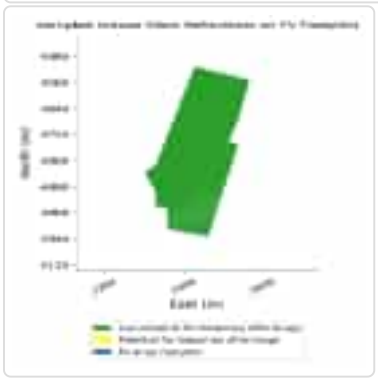
PV array is expected to produce the following glare for this receptor:

- 1,797 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





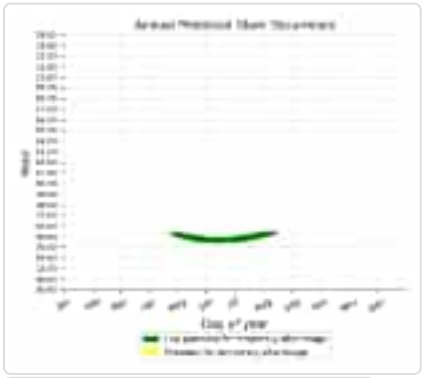


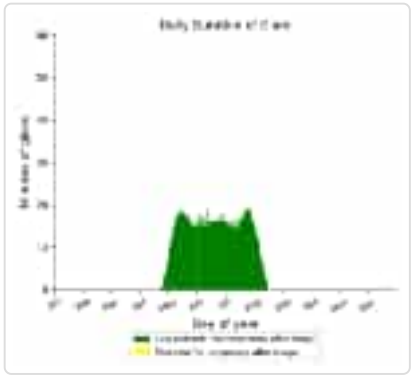


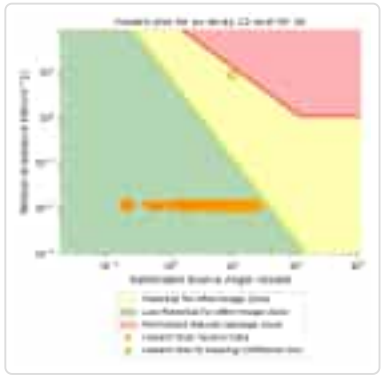
PV array 15: OP 38

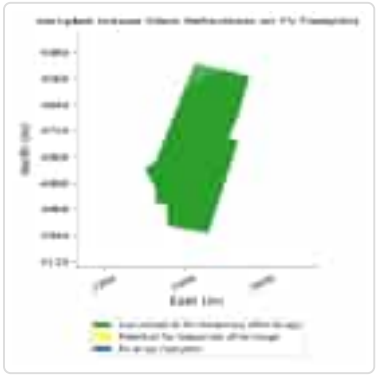
PV array is expected to produce the following glare for this receptor:

- 1,635 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





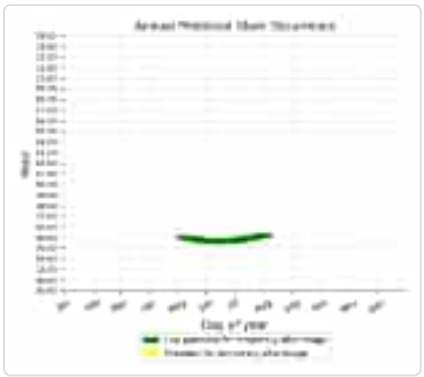


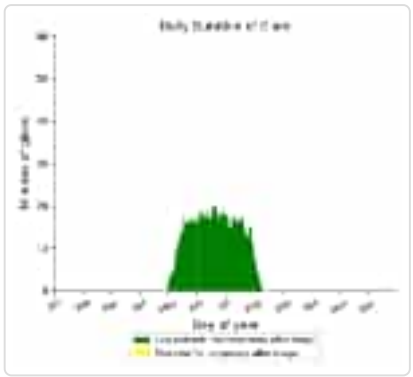


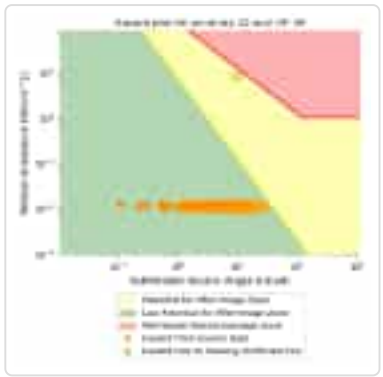
PV array 15: OP 39

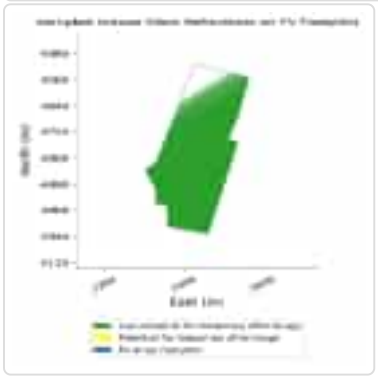
PV array is expected to produce the following glare for this receptor:

- 1,434 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





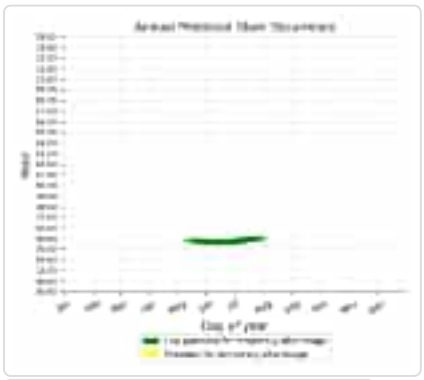


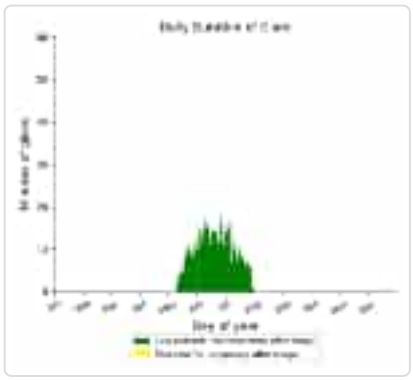


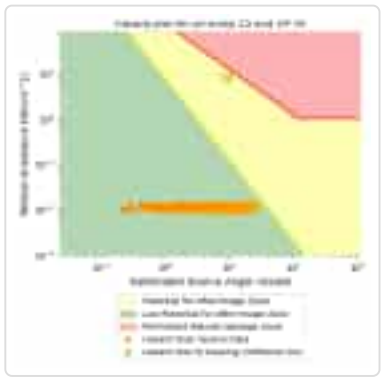
PV array 15: OP 40

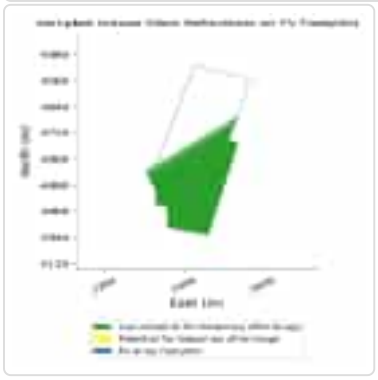
PV array is expected to produce the following glare for this receptor:

- 852 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





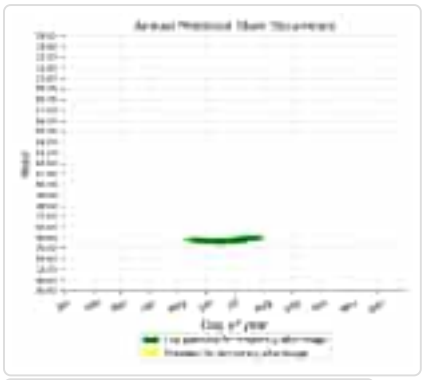


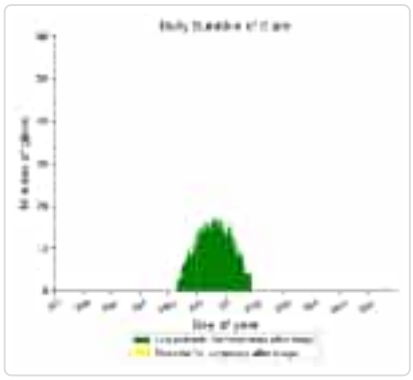


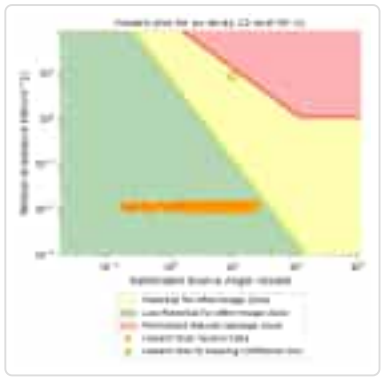
PV array 15: OP 41

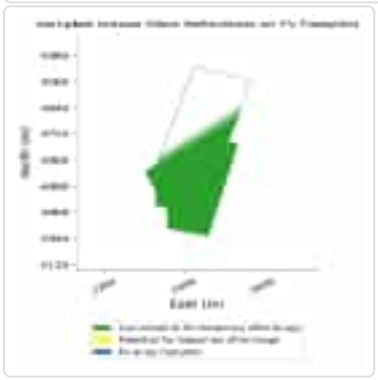
PV array is expected to produce the following glare for this receptor:

- 876 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





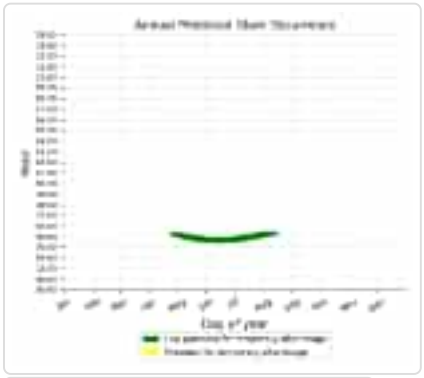


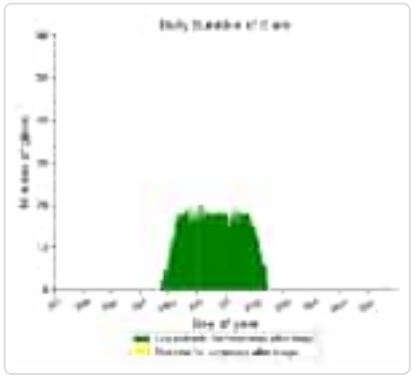


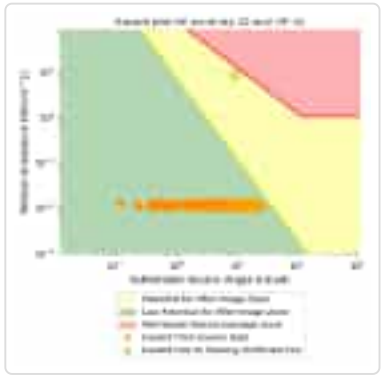
PV array 15: OP 42

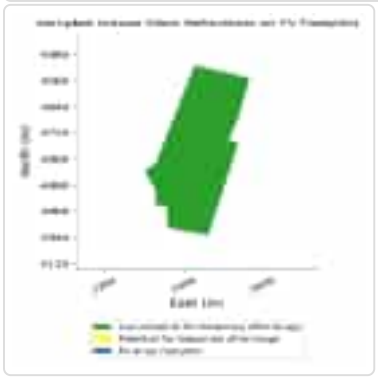
PV array is expected to produce the following glare for this receptor:

- 1,737 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





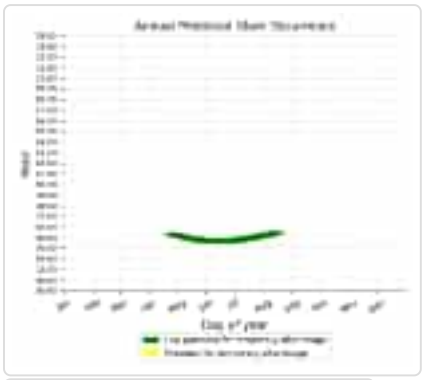


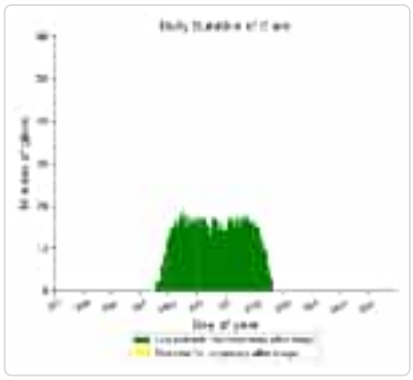


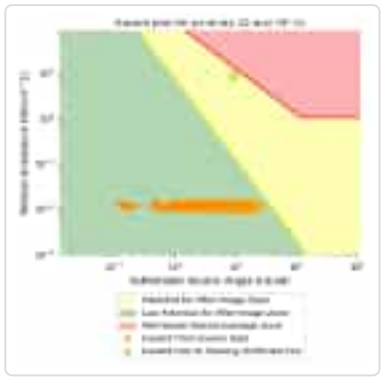
PV array 15: OP 43

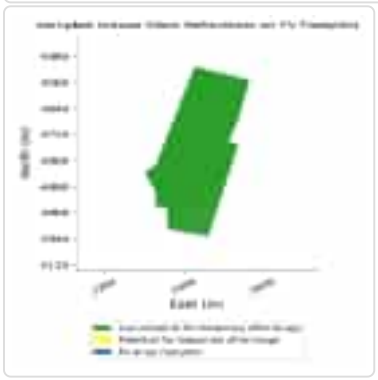
PV array is expected to produce the following glare for this receptor:

- 1,783 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

No glare found

PV array 3 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)

OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	137	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

PV array 3: OP 1

No glare found

PV array 3: OP 2

No glare found

PV array 3: OP 3

No glare found

PV array 3: OP 4

No glare found

PV array 3: OP 5

No glare found

PV array 3: OP 6

No glare found

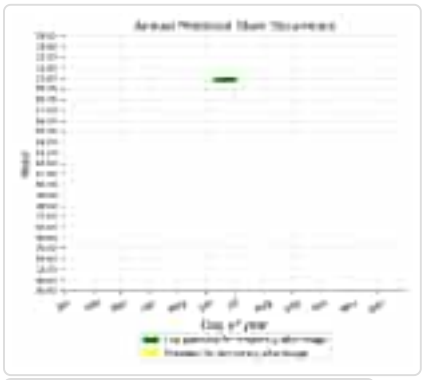
PV array 3: OP 7

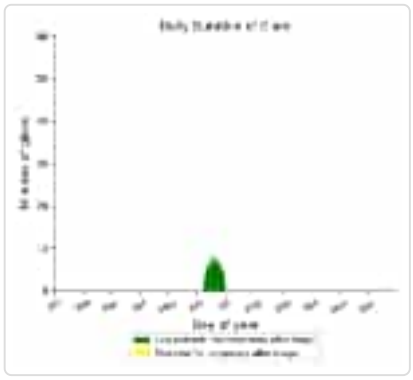
No glare found

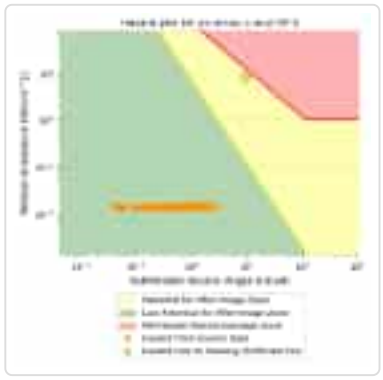
PV array 3: OP 8

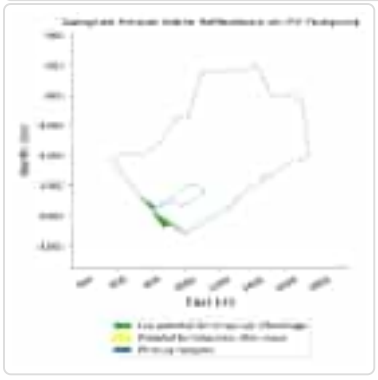
PV array is expected to produce the following glare for this receptor:

- 137 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 9

No glare found

PV array 3: OP 10

No glare found

PV array 3: OP 11

No glare found

PV array 3: OP 12

No glare found

PV array 3: OP 13

No glare found

PV array 3: OP 14

No glare found

PV array 3: OP 15

No glare found

PV array 3: OP 16

No glare found

PV array 3: OP 17

No glare found

PV array 3: OP 18

No glare found

PV array 3: OP 19

No glare found

PV array 3: OP 20

No glare found

PV array 3: OP 21

No glare found

PV array 3: OP 22

No glare found

PV array 3: OP 23

No glare found

PV array 3: OP 24

No glare found

PV array 3: OP 25

No glare found

PV array 3: OP 26

No glare found

PV array 3: OP 27

No glare found

PV array 3: OP 28

No glare found

PV array 3: OP 29

No glare found

PV array 3: OP 30
No glare found

PV array 3: OP 31
No glare found

PV array 3: OP 32
No glare found

PV array 3: OP 33
No glare found

PV array 3: OP 34
No glare found

PV array 3: OP 35
No glare found

PV array 3: OP 36
No glare found

PV array 3: OP 37
No glare found

PV array 3: OP 38
No glare found

PV array 3: OP 39
No glare found

PV array 3: OP 40
No glare found

PV array 3: OP 41
No glare found

PV array 3: OP 42
No glare found

PV array 3: OP 43
No glare found

PV array 4 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

No glare found

PV array 5 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

No glare found

PV array 6 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

No glare found

PV array 7 low potential for temporary after-image

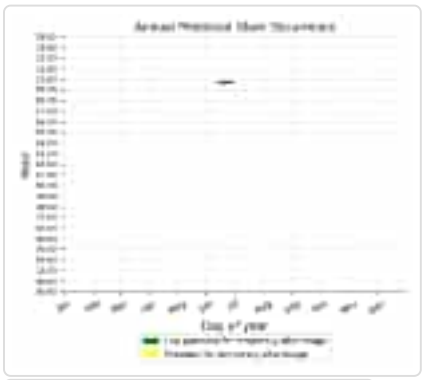
Component	Green glare (min)	Yellow glare (min)

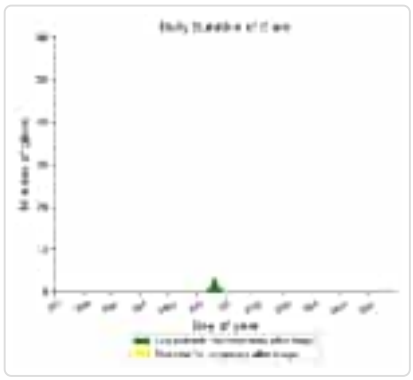
OP: OP 1	28	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	835	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

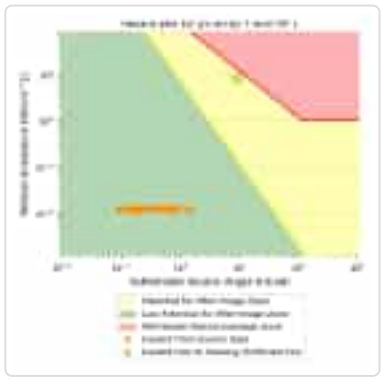
PV array 7: OP 1

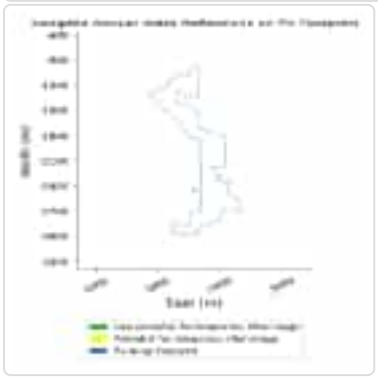
PV array is expected to produce the following glare for this receptor:

- 28 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 2

No glare found

PV array 7: OP 3

No glare found

PV array 7: OP 4

No glare found

PV array 7: OP 5

No glare found

PV array 7: OP 6

No glare found

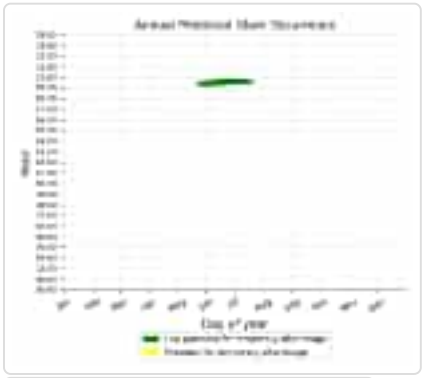
PV array 7: OP 7

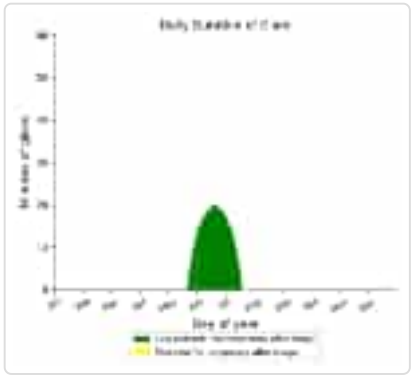
No glare found

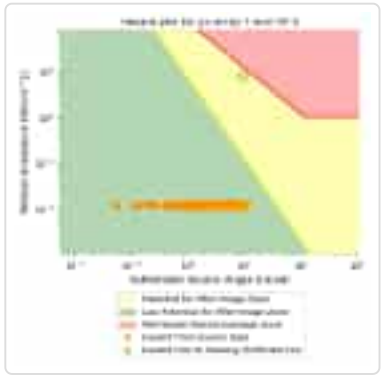
PV array 7: OP 8

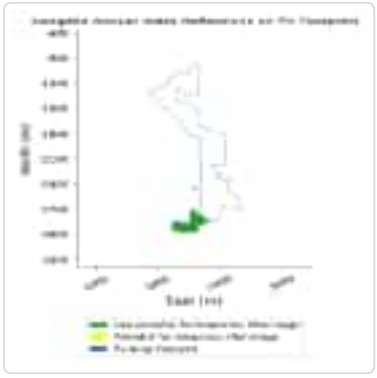
PV array is expected to produce the following glare for this receptor:

- 835 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 9

No glare found

PV array 7: OP 10

No glare found

PV array 7: OP 11

No glare found

PV array 7: OP 12

No glare found

PV array 7: OP 13

No glare found

PV array 7: OP 14

No glare found

PV array 7: OP 15

No glare found

PV array 7: OP 16

No glare found

PV array 7: OP 17

No glare found

PV array 7: OP 18

No glare found

PV array 7: OP 19

No glare found

PV array 7: OP 20

No glare found

PV array 7: OP 21

No glare found

PV array 7: OP 22

No glare found

PV array 7: OP 23

No glare found

PV array 7: OP 24

No glare found

PV array 7: OP 25

No glare found

PV array 7: OP 26

No glare found

PV array 7: OP 27

No glare found

PV array 7: OP 28

No glare found

PV array 7: OP 29

No glare found

PV array 7: OP 30

No glare found

PV array 7: OP 31

No glare found

PV array 7: OP 32

No glare found

PV array 7: OP 33

No glare found

PV array 7: OP 34

No glare found

PV array 7: OP 35

No glare found

PV array 7: OP 36

No glare found

PV array 7: OP 37

No glare found

PV array 7: OP 38

No glare found

PV array 7: OP 39

No glare found

PV array 7: OP 40

No glare found

PV array 7: OP 41

No glare found

PV array 7: OP 42

No glare found

PV array 7: OP 43

No glare found

PV array 8 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

No glare found

PV array 9 low potential for temporary after-image

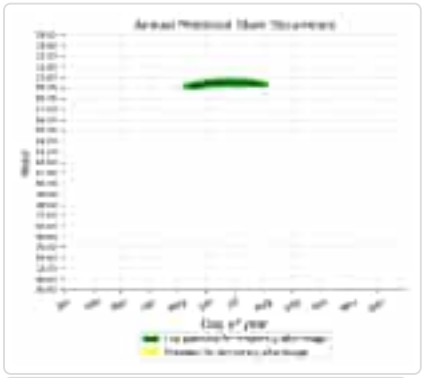
Component	Green glare (min)	Yellow glare (min)

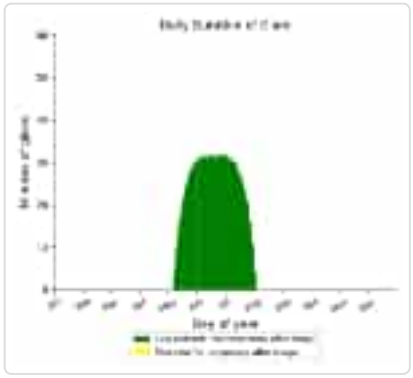
OP: OP 1	2288	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	1020	0
OP: OP 6	1337	0
OP: OP 7	1555	0
OP: OP 8	2348	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	21	0
OP: OP 12	113	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

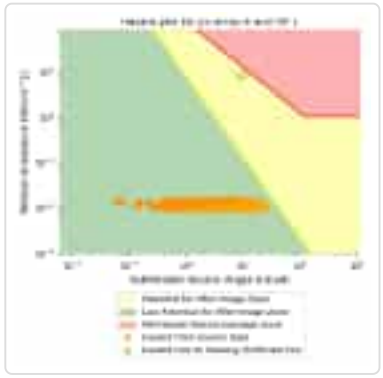
PV array 9: OP 1

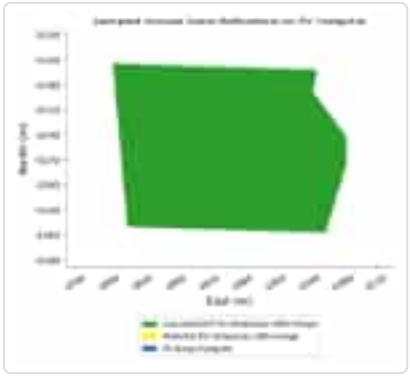
PV array is expected to produce the following glare for this receptor:

- 2,288 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 2

No glare found

PV array 9: OP 3

No glare found

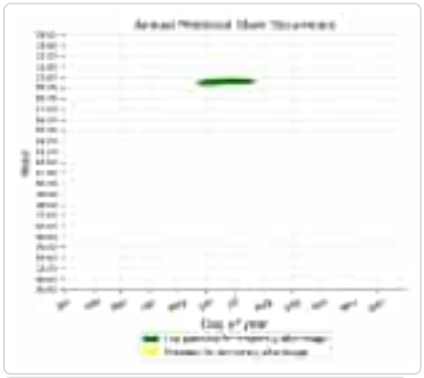
PV array 9: OP 4

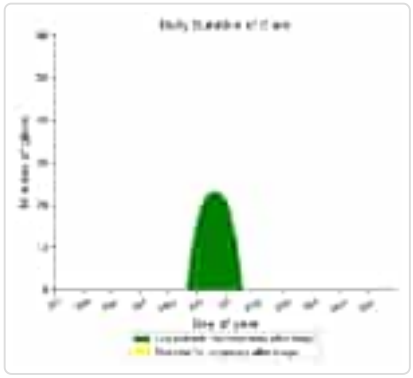
No glare found

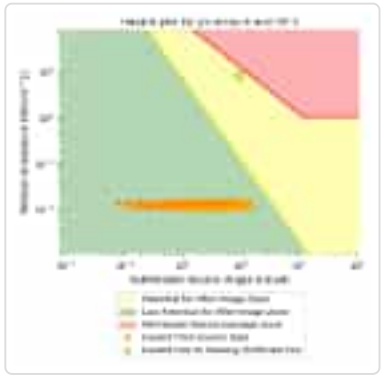
PV array 9: OP 5

PV array is expected to produce the following glare for this receptor:

- 1,020 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



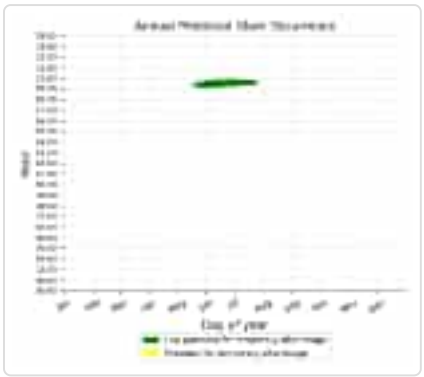


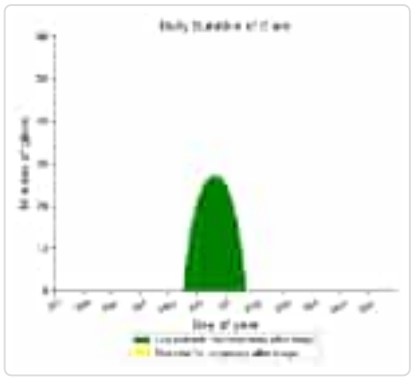


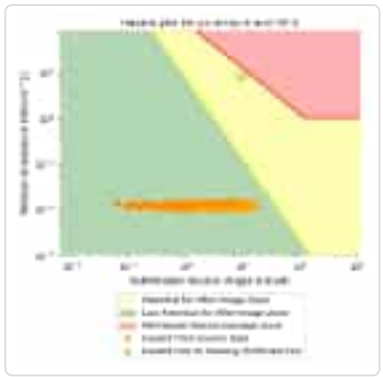
PV array 9: OP 6

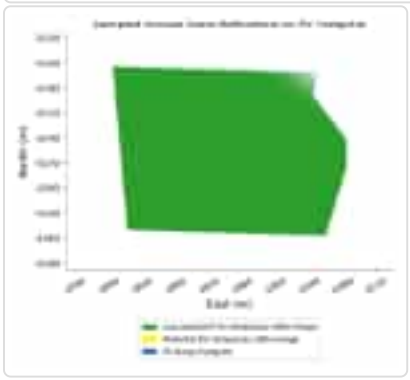
PV array is expected to produce the following glare for this receptor:

- 1,337 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





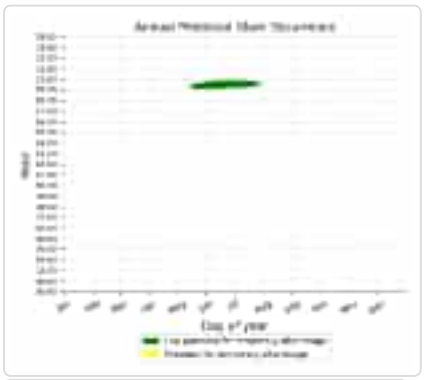


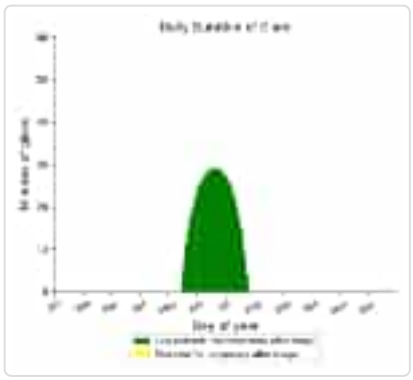


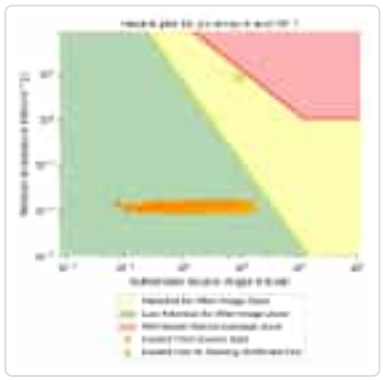
PV array 9: OP 7

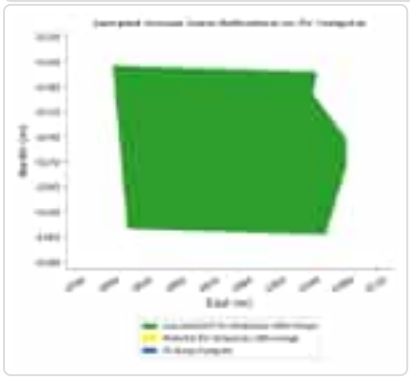
PV array is expected to produce the following glare for this receptor:

- 1,555 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





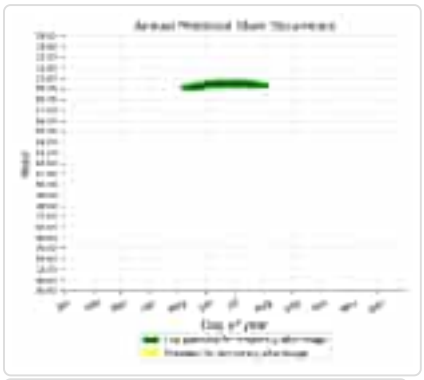


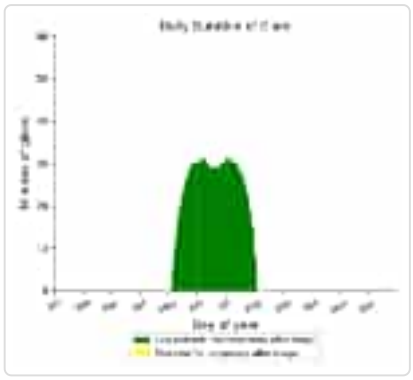


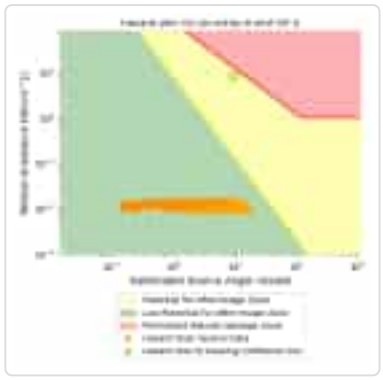
PV array 9: OP 8

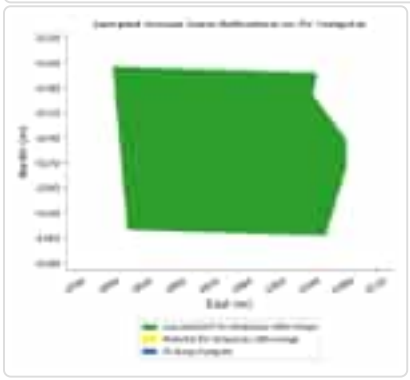
PV array is expected to produce the following glare for this receptor:

- 2,348 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 9

No glare found

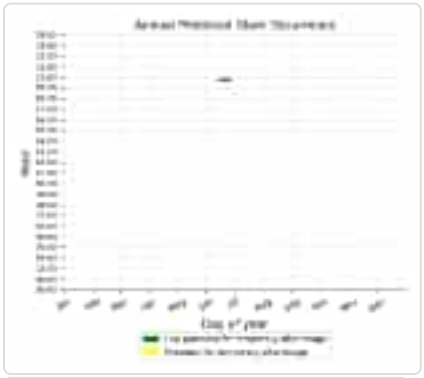
PV array 9: OP 10

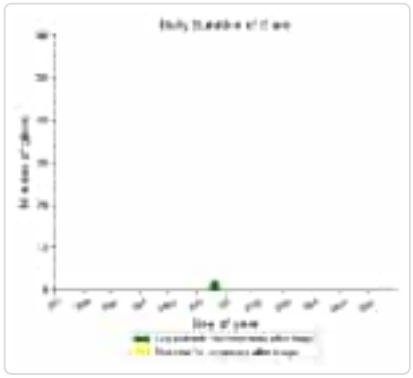
No glare found

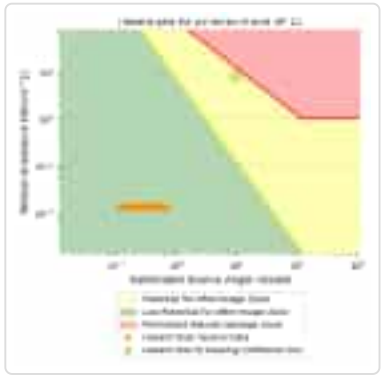
PV array 9: OP 11

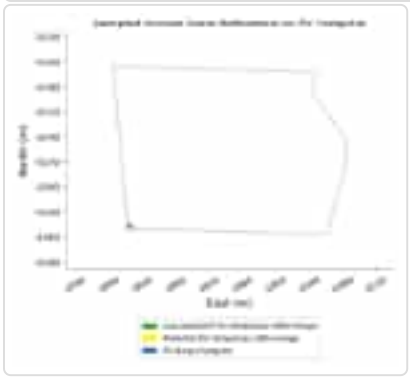
PV array is expected to produce the following glare for this receptor:

- 21 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





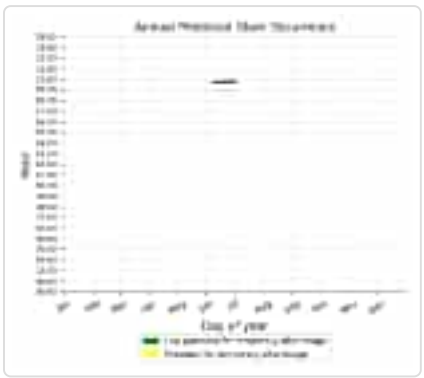


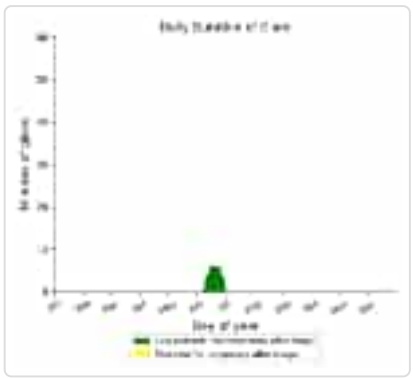


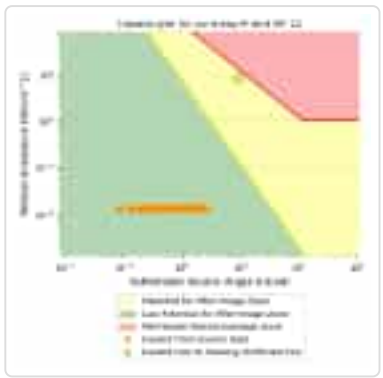
PV array 9: OP 12

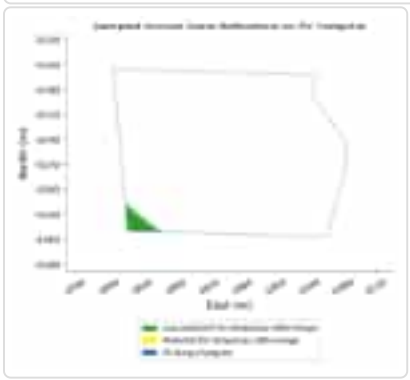
PV array is expected to produce the following glare for this receptor:

- 113 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 13

No glare found

PV array 9: OP 14

No glare found

PV array 9: OP 15

No glare found

PV array 9: OP 16

No glare found

PV array 9: OP 17

No glare found

PV array 9: OP 18

No glare found

PV array 9: OP 19

No glare found

PV array 9: OP 20

No glare found

PV array 9: OP 21

No glare found

PV array 9: OP 22

No glare found

PV array 9: OP 23

No glare found

PV array 9: OP 24

No glare found

PV array 9: OP 25

No glare found

PV array 9: OP 26

No glare found

PV array 9: OP 27

No glare found

PV array 9: OP 28

No glare found

PV array 9: OP 29

No glare found

PV array 9: OP 30

No glare found

PV array 9: OP 31

No glare found

PV array 9: OP 32

No glare found

PV array 9: OP 33

No glare found

PV array 9: OP 34

No glare found

PV array 9: OP 35

No glare found

PV array 9: OP 36

No glare found

PV array 9: OP 37

No glare found

PV array 9: OP 38

No glare found

PV array 9: OP 39

No glare found

PV array 9: OP 40

No glare found

PV array 9: OP 41

No glare found

PV array 9: OP 42

No glare found

PV array 9: OP 43

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Fosse Green Solar Farm

Fosse Green SF Res Group A 45 Degrees

Created Jan 11, 2024
Updated Sep 02, 2024
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 109527.18719

Project type Advanced
Project status: active
Category 10 MW to 100 MW

Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
PV array 1	45.0	180.0	94,692	24,072	-
PV array 10	45.0	180.0	0	0	-
PV array 11	45.0	180.0	0	0	-
PV array 12	45.0	180.0	0	0	-
PV array 13	45.0	180.0	0	0	-
PV array 14	45.0	180.0	0	0	-
PV array 15	45.0	180.0	0	0	-
PV array 2	45.0	180.0	91,778	5,012	-
PV array 3	45.0	180.0	35,177	7,345	-
PV array 4	45.0	180.0	77,863	34,234	-
PV array 5	45.0	180.0	73,984	0	-
PV array 6	45.0	180.0	35,449	1,168	-
PV array 7	45.0	180.0	20,631	0	-
PV array 8	45.0	180.0	0	0	-
PV array 9	45.0	180.0	0	0	-

Component Data

PV Array(s)

Total PV footprint area: 5,173,293 m^2

Name: PV array 1
Footprint area: 534,233 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.173327	-0.683693	15.22	3.50	18.72
2	53.171796	-0.684143	15.03	3.50	18.53
3	53.171552	-0.683478	15.19	3.50	18.69
4	53.171127	-0.682985	15.98	3.50	19.48
5	53.169712	-0.681805	15.00	3.50	18.50
6	53.168092	-0.681418	16.50	3.50	20.00
7	53.167989	-0.682362	16.00	3.50	19.50
8	53.167616	-0.682427	15.86	3.50	19.36
9	53.166844	-0.682749	16.00	3.50	19.50
10	53.166574	-0.682985	16.00	3.50	19.50
11	53.166123	-0.682920	16.00	3.50	19.50
12	53.166394	-0.680345	17.00	3.50	20.50
13	53.166741	-0.680410	16.40	3.50	19.90
14	53.166831	-0.679530	17.48	3.50	20.98
15	53.167320	-0.679659	17.17	3.50	20.67
16	53.167564	-0.677277	20.64	3.50	24.14
17	53.166522	-0.676741	20.78	3.50	24.28
18	53.164593	-0.675024	20.02	3.50	23.52
19	53.163010	-0.673672	18.14	3.50	21.64
20	53.162869	-0.672857	19.04	3.50	22.54
21	53.163088	-0.672084	19.80	3.50	23.30
22	53.163679	-0.671333	23.18	3.50	26.68
23	53.165403	-0.672857	27.63	3.50	31.13
24	53.165648	-0.671870	30.61	3.50	34.11
25	53.166458	-0.671269	32.00	3.50	35.50
26	53.166857	-0.671569	31.99	3.50	35.49
27	53.167847	-0.667406	24.66	3.50	28.16
28	53.169468	-0.666720	25.10	3.50	28.60
29	53.169031	-0.668608	27.89	3.50	31.39
30	53.169198	-0.670067	30.98	3.50	34.48
31	53.169982	-0.673629	26.94	3.50	30.44
32	53.170246	-0.673758	26.58	3.50	30.08
33	53.171294	-0.673125	28.40	3.50	31.90
34	53.171745	-0.672299	30.82	3.50	34.32
35	53.172105	-0.674048	26.50	3.50	30.00
36	53.171674	-0.675957	22.65	3.50	26.15
37	53.171507	-0.677599	22.08	3.50	25.58
38	53.171629	-0.678414	22.99	3.50	26.49
39	53.171918	-0.678833	24.21	3.50	27.71
40	53.171809	-0.679283	22.62	3.50	26.12
41	53.171449	-0.679391	20.48	3.50	23.98
42	53.170838	-0.677985	18.51	3.50	22.01
43	53.170593	-0.678028	17.96	3.50	21.46
44	53.170606	-0.678200	17.83	3.50	21.33
45	53.171372	-0.679906	19.18	3.50	22.68
46	53.171249	-0.681719	17.42	3.50	20.92
47	53.171378	-0.681955	17.27	3.50	20.77
48	53.171333	-0.682395	16.56	3.50	20.06
49	53.171597	-0.682502	16.79	3.50	20.29
50	53.173384	-0.681622	18.75	3.50	22.25

Name: PV array 10
Footprint area: 207,167 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.151184	-0.634513	8.32	3.50	11.82
2	53.151718	-0.636347	8.27	3.50	11.77
3	53.150026	-0.636744	8.28	3.50	11.78
4	53.148983	-0.636744	9.89	3.50	13.39
5	53.148803	-0.636862	10.13	3.50	13.63
6	53.148829	-0.637045	9.76	3.50	13.26
7	53.147420	-0.637957	10.19	3.50	13.69
8	53.146461	-0.637796	10.65	3.50	14.15
9	53.146126	-0.637302	11.44	3.50	14.94
10	53.145875	-0.635146	9.74	3.50	13.24
11	53.145566	-0.635264	9.14	3.50	12.64
12	53.145451	-0.635843	9.42	3.50	12.92
13	53.145142	-0.635951	9.94	3.50	13.44
14	53.144987	-0.634910	11.54	3.50	15.04
15	53.144637	-0.634278	12.00	3.50	15.50
16	53.143968	-0.633344	12.41	3.50	15.91
17	53.144200	-0.633280	11.84	3.50	15.34
18	53.144953	-0.632754	9.97	3.50	13.47
19	53.145828	-0.631949	10.31	3.50	13.81
20	53.146497	-0.631509	11.15	3.50	14.65
21	53.147668	-0.633848	12.51	3.50	16.01
22	53.148395	-0.633344	12.81	3.50	16.31
23	53.148254	-0.632947	13.08	3.50	16.58
24	53.148910	-0.632035	13.05	3.50	16.55
25	53.149064	-0.632314	12.58	3.50	16.08
26	53.149541	-0.631681	12.37	3.50	15.87

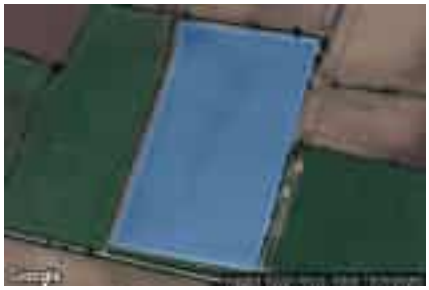
Name: PV array 11
Footprint area: 717,655 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.148506	-0.631749	13.14	3.50	16.64
2	53.147850	-0.632704	12.97	3.50	16.47
3	53.147683	-0.632715	12.37	3.50	15.87
4	53.146640	-0.630945	11.20	3.50	14.70
5	53.146396	-0.630848	12.22	3.50	15.72
6	53.145637	-0.631266	12.28	3.50	15.78
7	53.144343	-0.632565	11.04	3.50	14.54
8	53.142046	-0.627951	13.11	3.50	16.61
9	53.141524	-0.626084	12.34	3.50	15.84
10	53.138596	-0.627329	13.83	3.50	17.33
11	53.138454	-0.627232	13.48	3.50	16.98
12	53.137051	-0.628370	12.96	3.50	16.46
13	53.137154	-0.629056	13.21	3.50	16.71
14	53.135919	-0.628649	14.19	3.50	17.69
15	53.135771	-0.627640	12.78	3.50	16.28
16	53.134593	-0.628456	13.03	3.50	16.53
17	53.134464	-0.624700	12.77	3.50	16.27
18	53.134618	-0.624700	12.76	3.50	16.26
19	53.134631	-0.624990	12.76	3.50	16.26
20	53.135655	-0.624947	12.58	3.50	16.08
21	53.135758	-0.626331	11.86	3.50	15.36
22	53.136112	-0.626567	11.92	3.50	15.42
23	53.136549	-0.625162	10.74	3.50	14.24
24	53.136717	-0.625055	10.13	3.50	13.63
25	53.136652	-0.624636	10.38	3.50	13.88
26	53.137450	-0.624089	10.03	3.50	13.53
27	53.135835	-0.616793	7.10	3.50	10.60
28	53.136202	-0.615956	6.99	3.50	10.49
29	53.137238	-0.614926	7.15	3.50	10.65
30	53.137624	-0.615710	7.24	3.50	10.74
31	53.137862	-0.615549	7.38	3.50	10.88
32	53.137991	-0.614787	7.14	3.50	10.64
33	53.139105	-0.617426	7.93	3.50	11.43
34	53.139800	-0.619754	11.05	3.50	14.55
35	53.141717	-0.618682	9.38	3.50	12.88
36	53.142129	-0.620227	11.21	3.50	14.71
37	53.142007	-0.620323	10.80	3.50	14.30
38	53.142541	-0.622211	11.19	3.50	14.69
39	53.144034	-0.620784	11.76	3.50	15.26
40	53.144607	-0.623563	11.92	3.50	15.42
41	53.145591	-0.624582	12.63	3.50	16.13
42	53.145044	-0.625248	12.90	3.50	16.40
43	53.145077	-0.625666	12.28	3.50	15.78
44	53.146634	-0.628348	11.72	3.50	15.22
45	53.146808	-0.628220	12.16	3.50	15.66
46	53.148268	-0.630762	12.11	3.50	15.61
47	53.148101	-0.631030	11.92	3.50	15.42

Name: PV array 12
Footprint area: 73,115 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.136228	-0.613414	8.07	3.50	11.57
2	53.135854	-0.613478	8.46	3.50	11.96
3	53.133222	-0.614980	9.82	3.50	13.32
4	53.132887	-0.611772	10.64	3.50	14.14
5	53.135977	-0.610335	9.13	3.50	12.63

Name: PV array 13
Footprint area: 737,033 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.135585	-0.658160	11.48	3.50	14.98
2	53.136461	-0.665906	14.75	3.50	18.25
3	53.130642	-0.667945	14.56	3.50	18.06
4	53.130333	-0.666357	13.81	3.50	17.31
5	53.128440	-0.666872	14.86	3.50	18.36
6	53.128582	-0.668717	14.77	3.50	18.27
7	53.128273	-0.668782	14.57	3.50	18.07
8	53.128131	-0.667301	14.49	3.50	17.99
9	53.125730	-0.667666	13.07	3.50	16.57
10	53.125710	-0.667945	12.94	3.50	16.44
11	53.124455	-0.667505	13.19	3.50	16.69
12	53.124558	-0.666711	12.70	3.50	16.20
13	53.123380	-0.665788	11.31	3.50	14.81
14	53.123457	-0.665370	11.00	3.50	14.50
15	53.123122	-0.665220	12.04	3.50	15.54
16	53.123476	-0.663514	13.15	3.50	16.65
17	53.124365	-0.661776	13.29	3.50	16.79
18	53.124571	-0.660832	13.96	3.50	17.46
19	53.125067	-0.660220	13.10	3.50	16.60
20	53.126406	-0.656647	11.66	3.50	15.16
21	53.126650	-0.656261	11.38	3.50	14.88
22	53.126959	-0.656272	11.65	3.50	15.15
23	53.127178	-0.656068	12.25	3.50	15.75
24	53.127603	-0.659051	12.08	3.50	15.58
25	53.128794	-0.658922	13.52	3.50	17.02
26	53.129277	-0.661443	14.94	3.50	18.44
27	53.131092	-0.659844	14.90	3.50	18.40
28	53.131517	-0.659501	14.40	3.50	17.90
29	53.132315	-0.658857	12.70	3.50	16.20
30	53.133268	-0.657935	12.71	3.50	16.21
31	53.133345	-0.658664	11.01	3.50	14.51

Name: PV array 14
Footprint area: 209,868 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132660	-0.653180	10.42	3.50	13.92
2	53.132070	-0.653360	10.23	3.50	13.73
3	53.131510	-0.653070	11.29	3.50	14.79
4	53.130770	-0.652410	10.38	3.50	13.88
5	53.130350	-0.650050	9.94	3.50	13.44
6	53.130090	-0.649560	9.85	3.50	13.35
7	53.130270	-0.649260	10.71	3.50	14.21
8	53.132390	-0.648020	11.38	3.50	14.88
9	53.133030	-0.650850	12.02	3.50	15.52
10	53.136270	-0.648960	10.09	3.50	13.59
11	53.136080	-0.645870	9.77	3.50	13.27
12	53.137430	-0.645210	9.73	3.50	13.23
13	53.137750	-0.648600	9.23	3.50	12.73
14	53.137580	-0.648830	9.22	3.50	12.72
15	53.138060	-0.652120	9.08	3.50	12.58
16	53.137820	-0.652230	9.58	3.50	13.08
17	53.137750	-0.652040	9.56	3.50	13.06
18	53.135890	-0.651840	9.88	3.50	13.38

Name: PV array 15
Footprint area: 78,246 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132772	-0.647378	9.94	3.50	13.44
2	53.130056	-0.648847	10.80	3.50	14.30
3	53.129882	-0.649255	9.89	3.50	13.39
4	53.129303	-0.648847	10.80	3.50	14.30
5	53.128942	-0.648858	10.87	3.50	14.37
6	53.128884	-0.648418	11.51	3.50	15.01
7	53.128311	-0.648386	11.43	3.50	14.93
8	53.128105	-0.646884	11.40	3.50	14.90
9	53.130622	-0.645758	10.83	3.50	14.33
10	53.130700	-0.646122	11.65	3.50	15.15
11	53.131298	-0.645768	10.18	3.50	13.68
12	53.132412	-0.645328	9.00	3.50	12.50

Name: PV array 2
Footprint area: 575,799 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.178645	-0.666108	19.50	3.50	23.00
2	53.177873	-0.669091	19.28	3.50	22.78
3	53.176523	-0.668029	19.69	3.50	23.19
4	53.174220	-0.666891	26.06	3.50	29.56
5	53.174465	-0.660669	17.80	3.50	21.30
6	53.172497	-0.660755	16.16	3.50	19.66
7	53.172510	-0.661355	17.14	3.50	20.64
8	53.172960	-0.661484	17.29	3.50	20.79
9	53.173230	-0.666677	24.28	3.50	27.78
10	53.172175	-0.666226	20.97	3.50	24.47
11	53.171823	-0.664919	19.69	3.50	23.19
12	53.171714	-0.664865	19.72	3.50	23.22
13	53.170968	-0.662526	18.08	3.50	21.58
14	53.170357	-0.661797	17.29	3.50	20.79
15	53.174293	-0.653523	13.69	3.50	17.19
16	53.178283	-0.655459	15.69	3.50	19.19
17	53.179363	-0.655588	13.41	3.50	16.91
18	53.178051	-0.662519	19.70	3.50	23.20
19	53.177884	-0.665737	19.63	3.50	23.13

Name: PV array 3
Footprint area: 680,134 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.162238	-0.675331	17.88	3.50	21.38
2	53.159343	-0.671812	16.96	3.50	20.46
3	53.159793	-0.670482	16.50	3.50	20.00
4	53.160861	-0.668250	17.83	3.50	21.33
5	53.160424	-0.666813	17.26	3.50	20.76
6	53.159446	-0.669109	15.52	3.50	19.02
7	53.159858	-0.669752	15.96	3.50	19.46
8	53.159137	-0.671705	16.90	3.50	20.40
9	53.158237	-0.670654	16.68	3.50	20.18
10	53.158391	-0.670074	16.02	3.50	19.52
11	53.157838	-0.668787	15.77	3.50	19.27
12	53.159768	-0.664130	19.42	3.50	22.92
13	53.159922	-0.664409	18.34	3.50	21.84
14	53.160977	-0.661835	24.58	3.50	28.08
15	53.161157	-0.662006	24.26	3.50	27.76
16	53.161286	-0.661641	25.79	3.50	29.29
17	53.161157	-0.661448	26.00	3.50	29.50
18	53.162186	-0.659345	26.37	3.50	29.87
19	53.162084	-0.658852	26.32	3.50	29.82
20	53.162598	-0.657693	27.46	3.50	30.96
21	53.165686	-0.658337	22.77	3.50	26.27
22	53.165917	-0.658981	21.27	3.50	24.77
23	53.166213	-0.659431	20.99	3.50	24.49
24	53.165956	-0.661019	21.23	3.50	24.73
25	53.167975	-0.662371	18.26	3.50	21.76
26	53.167654	-0.663315	18.23	3.50	21.73
27	53.167499	-0.667242	23.91	3.50	27.41
28	53.164618	-0.668615	26.56	3.50	30.06
29	53.164824	-0.669516	27.49	3.50	30.99
30	53.163164	-0.671190	20.73	3.50	24.23
31	53.162727	-0.672048	18.84	3.50	22.34
32	53.162572	-0.673164	18.39	3.50	21.89
33	53.162752	-0.673701	17.85	3.50	21.35
34	53.162650	-0.674344	17.02	3.50	20.52

Name: PV array 4
Footprint area: 539,330 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.172590	-0.642580	14.81	3.50	18.31
2	53.173510	-0.648340	13.73	3.50	17.23
3	53.168740	-0.657430	17.19	3.50	20.69
4	53.168530	-0.657410	16.94	3.50	20.44
5	53.168310	-0.657830	18.09	3.50	21.59
6	53.168300	-0.658730	18.04	3.50	21.54
7	53.168070	-0.658890	17.95	3.50	21.45
8	53.165850	-0.657640	21.97	3.50	25.47
9	53.165650	-0.657980	23.24	3.50	26.74
10	53.162740	-0.657270	27.18	3.50	30.68
11	53.164580	-0.653290	23.23	3.50	26.73
12	53.166200	-0.654060	18.29	3.50	21.79
13	53.166850	-0.655520	18.20	3.50	21.70
14	53.167520	-0.655510	17.58	3.50	21.08
15	53.167980	-0.655110	18.44	3.50	21.94
16	53.169110	-0.651550	16.06	3.50	19.56
17	53.169110	-0.651060	15.41	3.50	18.91
18	53.168030	-0.650870	15.63	3.50	19.13
19	53.167950	-0.651600	16.07	3.50	19.57
20	53.167340	-0.651230	15.83	3.50	19.33
21	53.166080	-0.651100	19.26	3.50	22.76
22	53.166120	-0.650480	18.68	3.50	22.18
23	53.165960	-0.650180	19.78	3.50	23.28
24	53.168250	-0.644540	17.16	3.50	20.66
25	53.168920	-0.644690	16.30	3.50	19.80
26	53.170130	-0.644410	16.57	3.50	20.07
27	53.171130	-0.643750	15.25	3.50	18.75
28	53.171150	-0.643400	15.23	3.50	18.73
29	53.172000	-0.642680	14.97	3.50	18.47

Name: PV array 5
Footprint area: 85,119 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.175987	-0.638261	17.17	3.50	20.67
2	53.175962	-0.637317	17.32	3.50	20.82
3	53.175704	-0.636180	15.99	3.50	19.49
4	53.172039	-0.635257	10.34	3.50	13.84
5	53.170855	-0.638197	11.33	3.50	14.83
6	53.174251	-0.638304	12.30	3.50	15.80

Name: PV array 6
Footprint area: 178,317 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.167678	-0.644140	17.52	3.50	21.02
2	53.165556	-0.649011	19.39	3.50	22.89
3	53.164810	-0.644784	20.41	3.50	23.91
4	53.165350	-0.641716	16.27	3.50	19.77
5	53.163562	-0.640986	20.48	3.50	23.98
6	53.161902	-0.640643	22.38	3.50	25.88
7	53.159226	-0.640385	15.78	3.50	19.28
8	53.159329	-0.638197	13.14	3.50	16.64
9	53.162726	-0.638883	20.72	3.50	24.22
10	53.164115	-0.639205	17.21	3.50	20.71
11	53.165183	-0.639763	14.44	3.50	17.94
12	53.165800	-0.640707	14.81	3.50	18.31
13	53.166366	-0.642209	16.10	3.50	19.60
14	53.166971	-0.643282	16.63	3.50	20.13

Name: PV array 7
Footprint area: 492,377 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.164655	-0.651071	23.57	3.50	27.07
2	53.164218	-0.652101	24.34	3.50	27.84
3	53.163588	-0.652015	24.43	3.50	27.93
4	53.163575	-0.652466	24.10	3.50	27.60
5	53.163883	-0.652809	24.86	3.50	28.36
6	53.162790	-0.655406	26.04	3.50	29.54
7	53.162404	-0.655148	26.50	3.50	30.00
8	53.162082	-0.655835	27.39	3.50	30.89
9	53.162263	-0.656543	27.11	3.50	30.61
10	53.161516	-0.658324	26.25	3.50	29.75
11	53.158776	-0.654054	22.55	3.50	26.05
12	53.156879	-0.652104	18.45	3.50	21.95
13	53.156840	-0.650806	17.85	3.50	21.35
14	53.156634	-0.650474	16.75	3.50	20.25
15	53.155412	-0.650935	12.99	3.50	16.49
16	53.155245	-0.650441	12.47	3.50	15.97
17	53.154428	-0.650484	11.62	3.50	15.12
18	53.152317	-0.650581	10.82	3.50	14.32
19	53.151545	-0.650656	11.68	3.50	15.18
20	53.151481	-0.651761	11.49	3.50	14.99
21	53.151159	-0.651729	12.56	3.50	16.06
22	53.151178	-0.650924	12.32	3.50	15.82
23	53.150863	-0.650624	12.97	3.50	16.47
24	53.149042	-0.650581	13.39	3.50	16.89
25	53.149113	-0.652083	14.82	3.50	18.32
26	53.147459	-0.652115	10.92	3.50	14.42
27	53.147762	-0.654604	14.65	3.50	18.15
28	53.146732	-0.654765	11.29	3.50	14.79
29	53.146713	-0.654454	10.78	3.50	14.28
30	53.146661	-0.653928	9.99	3.50	13.49
31	53.146559	-0.653209	9.32	3.50	12.82
32	53.146501	-0.652652	9.65	3.50	13.15
33	53.146616	-0.652544	9.69	3.50	13.19
34	53.146674	-0.652330	9.64	3.50	13.14
35	53.146501	-0.650989	8.94	3.50	12.44
36	53.146829	-0.651064	9.07	3.50	12.57
37	53.147221	-0.650838	9.43	3.50	12.93
38	53.147530	-0.650195	9.95	3.50	13.45
39	53.148058	-0.647824	10.34	3.50	13.84
40	53.149293	-0.647502	11.75	3.50	15.25
41	53.149364	-0.647008	11.40	3.50	14.90
42	53.149004	-0.645163	9.84	3.50	13.34
43	53.149068	-0.644702	10.07	3.50	13.57
44	53.149589	-0.644659	10.09	3.50	13.59
45	53.150246	-0.645152	10.47	3.50	13.97
46	53.150709	-0.646118	10.77	3.50	14.27
47	53.150861	-0.646854	11.55	3.50	15.05
48	53.152186	-0.646683	10.55	3.50	14.05
49	53.152302	-0.648378	10.85	3.50	14.35
50	53.152559	-0.648356	11.03	3.50	14.53
51	53.152650	-0.647820	11.33	3.50	14.83
52	53.152843	-0.647562	10.51	3.50	14.01
53	53.152984	-0.648185	10.54	3.50	14.04
54	53.153396	-0.648850	10.72	3.50	14.22
55	53.153821	-0.649000	11.70	3.50	15.20
56	53.153821	-0.647176	11.57	3.50	15.07
57	53.157030	-0.647114	18.62	3.50	22.12
58	53.157911	-0.650923	21.21	3.50	24.71
59	53.159526	-0.650773	24.30	3.50	27.80
60	53.159841	-0.651545	25.93	3.50	29.43
61	53.160478	-0.652318	28.32	3.50	31.82
62	53.160542	-0.654142	27.00	3.50	30.50
63	53.161668	-0.654152	28.25	3.50	31.75
64	53.162003	-0.653691	27.32	3.50	30.82

65	53.161359	-0.652489	27.84	3.50	31.34
66	53.161314	-0.650848	28.23	3.50	31.73

Name: PV array 8
Footprint area: 15,661 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.149067	-0.644094	9.24	3.50	12.74
2	53.149505	-0.644029	9.82	3.50	13.32
3	53.149878	-0.644094	9.57	3.50	13.07
4	53.150888	-0.643353	9.27	3.50	12.77
5	53.150521	-0.642002	8.25	3.50	11.75
6	53.149871	-0.642806	8.50	3.50	12.00
7	53.149472	-0.642796	8.80	3.50	12.30
8	53.149215	-0.643192	8.74	3.50	12.24
9	53.149022	-0.644072	9.17	3.50	12.67

Name: PV array 9
Footprint area: 49,241 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.144976	-0.656695	12.95	3.50	16.45
2	53.143226	-0.656438	10.07	3.50	13.57
3	53.143174	-0.652897	8.94	3.50	12.44
4	53.143895	-0.652533	9.13	3.50	12.63
5	53.144204	-0.652533	9.20	3.50	12.70
6	53.144680	-0.653133	9.45	3.50	12.95
7	53.144912	-0.653048	9.39	3.50	12.89

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	53.178847	-0.685276	15.00	2.00	17.00
OP 2	53.178503	-0.685062	15.31	2.00	17.31
OP 3	53.179233	-0.680953	16.57	2.00	18.57
OP 4	53.177272	-0.683742	16.23	2.00	18.23
OP 5	53.176732	-0.681398	16.77	2.00	18.77
OP 6	53.174867	-0.681446	18.32	2.00	20.32
OP 7	53.181350	-0.665103	18.07	2.00	20.07
OP 8	53.166916	-0.697365	16.00	2.00	18.00
OP 9	53.167672	-0.696802	16.00	2.00	18.00
OP 10	53.167187	-0.695337	16.55	2.00	18.55
OP 11	53.168167	-0.693395	19.25	2.00	21.25
OP 12	53.168103	-1.000000	59.06	2.00	61.06
OP 13	53.171087	-0.689495	15.99	2.00	17.99
OP 14	53.169312	-0.689334	17.05	2.00	19.05
OP 15	53.168968	-0.685070	17.05	2.00	19.05
OP 16	53.167560	-0.685070	16.96	2.00	18.96
OP 17	53.166858	-0.686582	17.77	2.00	19.77
OP 18	53.164446	-0.686212	17.68	2.00	19.68
OP 19	53.164099	-0.684211	17.00	2.00	19.00
OP 20	53.162600	-0.690509	22.15	2.00	24.15
OP 21	53.163372	-0.682398	16.00	2.00	18.00
OP 22	53.163687	-0.680472	18.23	2.00	20.23
OP 23	53.165829	-0.679126	18.00	2.00	20.00
OP 24	53.165305	-0.678826	18.25	2.00	20.25
OP 25	53.162874	-0.678611	17.30	2.00	19.30
OP 26	53.163739	-0.677817	17.31	2.00	19.31
OP 27	53.163337	-0.676631	17.16	2.00	19.16
OP 28	53.169822	-0.663576	19.71	2.00	21.71
OP 29	53.166365	-0.659163	21.73	2.00	23.73
OP 30	53.158179	-0.687342	17.58	2.00	19.58
OP 31	53.157684	-0.685008	16.52	2.00	18.52
OP 32	53.157816	-0.684102	16.80	2.00	18.80
OP 33	53.157851	-0.683480	17.00	2.00	19.00
OP 34	53.157793	-0.682750	16.76	2.00	18.76
OP 35	53.155770	-0.673615	16.03	2.00	18.03
OP 36	53.156224	-0.672526	16.36	2.00	18.36
OP 37	53.157285	-0.670193	17.01	2.00	19.01
OP 38	53.167656	-0.653405	18.01	2.00	20.01
OP 39	53.166768	-0.652509	17.24	2.00	19.24
OP 40	53.165566	-0.651962	22.06	2.00	24.06
OP 41	53.165000	-0.652504	23.45	2.00	25.45
OP 42	53.184351	-0.636695	14.83	2.00	16.83
OP 43	53.183978	-0.634571	14.04	2.00	16.04
OP 44	53.183785	-0.632999	12.62	2.00	14.62
OP 45	53.183660	-0.631524	13.90	2.00	15.90
OP 46	53.183441	-0.629915	14.41	2.00	16.41
OP 47	53.183445	-0.629196	15.15	2.00	17.15
OP 48	53.183310	-0.638487	15.14	2.00	17.14
OP 49	53.183081	-0.639356	14.34	2.00	16.34
OP 50	53.182326	-0.639200	15.73	2.00	17.73
OP 51	53.181583	-0.639485	16.28	2.00	18.28
OP 52	53.179900	-0.648513	27.60	2.00	29.60
OP 53	53.180430	-0.647279	26.87	2.00	28.87
OP 54	53.180253	-0.644913	26.22	2.00	28.22
OP 55	53.180186	-0.642945	25.84	2.00	27.84
OP 56	53.181478	-0.642741	17.41	2.00	19.41
OP 57	53.180745	-0.640842	20.46	2.00	22.46
OP 58	53.180064	-0.639340	22.48	2.00	24.48
OP 59	53.178681	-0.639747	24.28	2.00	26.28
OP 60	53.177807	-0.639951	24.76	2.00	26.76
OP 61	53.177286	-0.638428	24.08	2.00	26.08
OP 62	53.176495	-0.641732	19.50	2.00	21.50
OP 63	53.175788	-0.642687	17.92	2.00	19.92

OP 64	53.178064	-0.643417	25.98	2.00	27.98
OP 65	53.178488	-0.645101	25.79	2.00	27.79
OP 66	53.178818	-0.647063	26.95	2.00	28.95
OP 67	53.179185	-0.648061	26.29	2.00	28.29
OP 68	53.180790	-0.635035	14.35	2.00	16.35
OP 69	53.180511	-0.633855	14.70	2.00	16.70
OP 70	53.179517	-0.634917	16.73	2.00	18.73
OP 71	53.176633	-0.647615	19.28	2.00	21.28
OP 72	53.169651	-0.641163	16.28	2.00	18.28
OP 73	53.168761	-0.641528	17.28	2.00	19.28
OP 74	53.168015	-0.641184	16.52	2.00	18.52
OP 75	53.167555	-0.642155	18.35	2.00	20.35
OP 76	53.166870	-0.639870	15.29	2.00	17.29
OP 77	53.166143	-0.638556	13.78	2.00	15.78
OP 78	53.170144	-0.632233	11.08	2.00	13.08
OP 79	53.164130	-0.625550	12.62	2.00	14.62
OP 80	53.161948	-0.624499	11.16	2.00	13.16

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
PV array 1	45.0	180.0	94,692	24,072	-	-
PV array 10	45.0	180.0	0	0	-	-
PV array 11	45.0	180.0	0	0	-	-
PV array 12	45.0	180.0	0	0	-	-
PV array 13	45.0	180.0	0	0	-	-
PV array 14	45.0	180.0	0	0	-	-
PV array 15	45.0	180.0	0	0	-	-
PV array 2	45.0	180.0	91,778	5,012	-	-
PV array 3	45.0	180.0	35,177	7,345	-	-
PV array 4	45.0	180.0	77,863	34,234	-	-
PV array 5	45.0	180.0	73,984	0	-	-
PV array 6	45.0	180.0	35,449	1,168	-	-
PV array 7	45.0	180.0	20,631	0	-	-
PV array 8	45.0	180.0	0	0	-	-
PV array 9	45.0	180.0	0	0	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
pv-array-1 (green)	0	0	476	1696	2188	2434	2398	1816	911	0	0	0
pv-array-1 (yellow)	0	0	12	175	25	0	3	154	92	0	0	0
pv-array-2 (green)	0	0	454	1307	2020	2157	2201	1414	848	0	0	0
pv-array-2 (yellow)	0	0	0	52	1	0	0	58	0	0	0	0
pv-array-3 (green)	0	0	333	1186	1849	2138	2019	1333	680	0	0	0
pv-array-3 (yellow)	0	0	1	440	209	0	76	500	91	0	0	0
pv-array-4 (green)	0	0	90	904	1211	1527	1329	1082	262	0	0	0
pv-array-4 (yellow)	0	0	19	711	257	112	178	691	157	0	0	0
pv-array-5 (green)	0	0	292	1348	1736	1982	1835	1592	561	0	0	0
pv-array-5 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-6 (green)	0	0	227	1406	1543	1165	1447	1517	566	0	0	0
pv-array-6 (yellow)	0	0	11	81	5	0	0	79	30	0	0	0
pv-array-7 (green)	0	0	175	663	649	657	663	642	392	0	0	0
pv-array-7 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

PV array 1 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0

OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	3382	933
OP: OP 9	3438	852
OP: OP 10	3288	1062
OP: OP 11	3477	1082
OP: OP 12	253	0
OP: OP 13	4275	15
OP: OP 14	3286	1139
OP: OP 15	2740	1789
OP: OP 16	2837	2004
OP: OP 17	3075	1859
OP: OP 18	3520	793
OP: OP 19	3479	503
OP: OP 20	4529	0
OP: OP 21	3738	127
OP: OP 22	3555	526
OP: OP 23	6231	1451
OP: OP 24	5124	1547
OP: OP 25	3380	430
OP: OP 26	2848	784
OP: OP 27	2194	220
OP: OP 28	1685	698
OP: OP 29	2476	1801
OP: OP 30	1669	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	1572	726
OP: OP 39	1929	940
OP: OP 40	2799	1109
OP: OP 41	2721	1186
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0

OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	808	0
OP: OP 73	1044	0
OP: OP 74	1209	0
OP: OP 75	1279	86
OP: OP 76	1315	164
OP: OP 77	1384	246
OP: OP 78	602	0
OP: OP 79	1552	0
OP: OP 80	1999	0

PV array 1: OP 1

No glare found

PV array 1: OP 2

No glare found

PV array 1: OP 3

No glare found

PV array 1: OP 4

No glare found

PV array 1: OP 5

No glare found

PV array 1: OP 6

No glare found

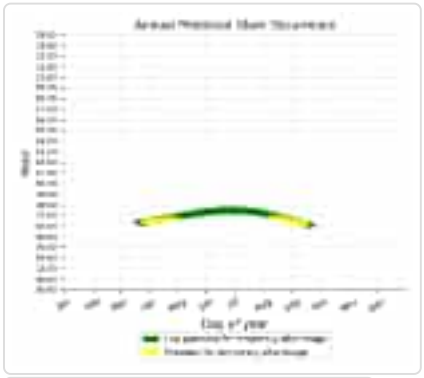
PV array 1: OP 7

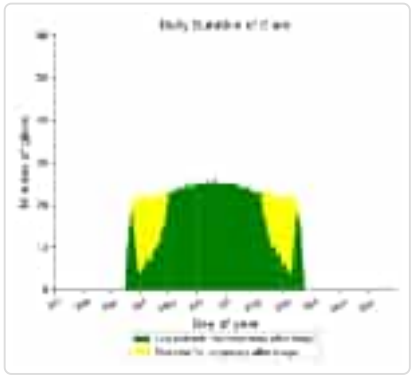
No glare found

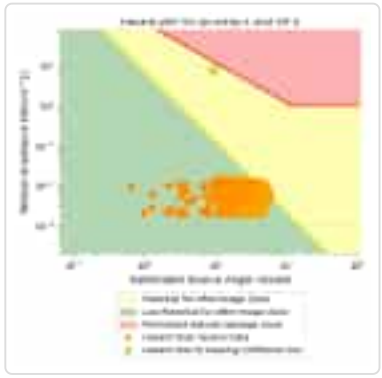
PV array 1: OP 8

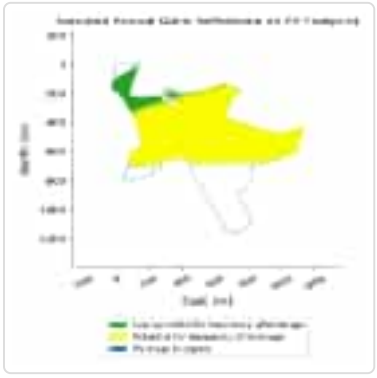
PV array is expected to produce the following glare for this receptor:

- 3,382 minutes of "green" glare with low potential to cause temporary after-image.
- 933 minutes of "yellow" glare with potential to cause temporary after-image.





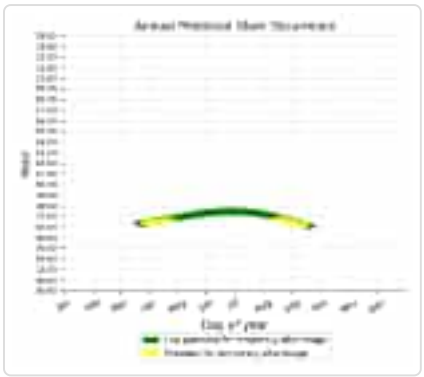


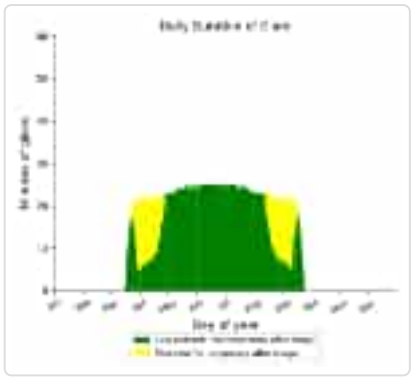


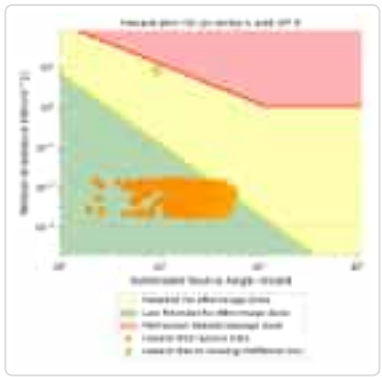
PV array 1: OP 9

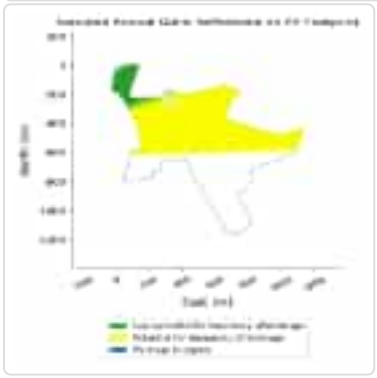
PV array is expected to produce the following glare for this receptor:

- 3,438 minutes of "green" glare with low potential to cause temporary after-image.
- 852 minutes of "yellow" glare with potential to cause temporary after-image.





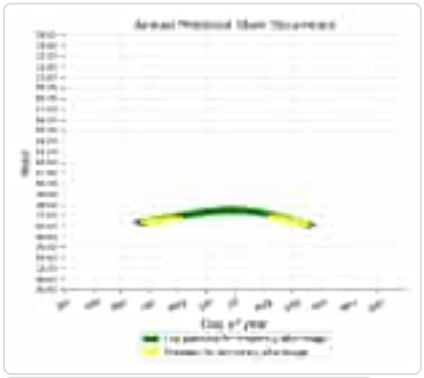


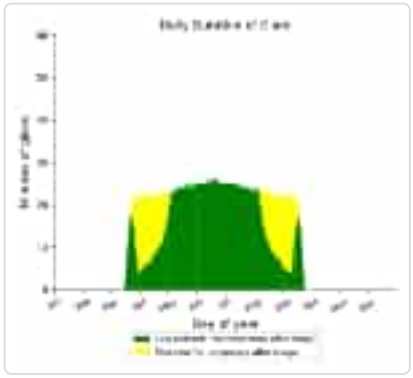


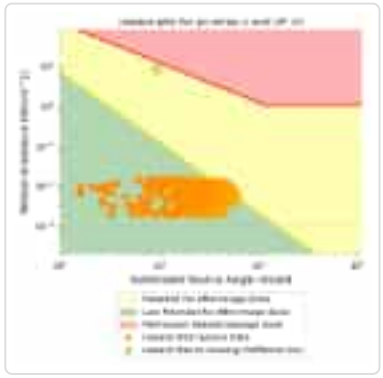
PV array 1: OP 10

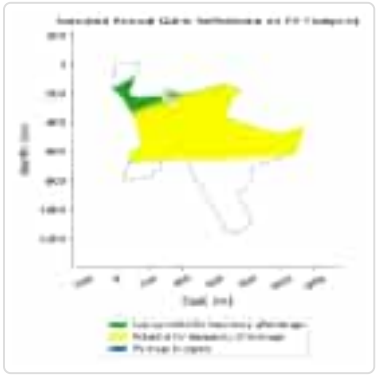
PV array is expected to produce the following glare for this receptor:

- 3,288 minutes of "green" glare with low potential to cause temporary after-image.
- 1,062 minutes of "yellow" glare with potential to cause temporary after-image.





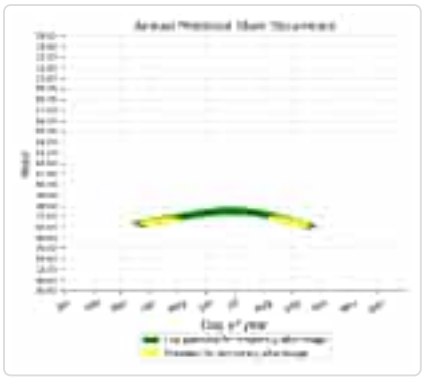


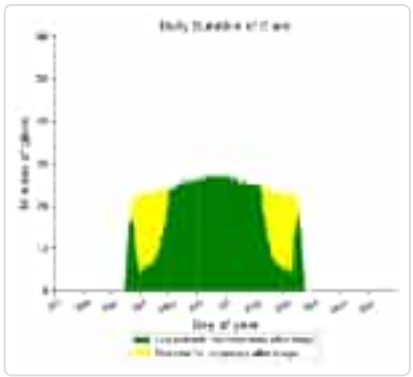


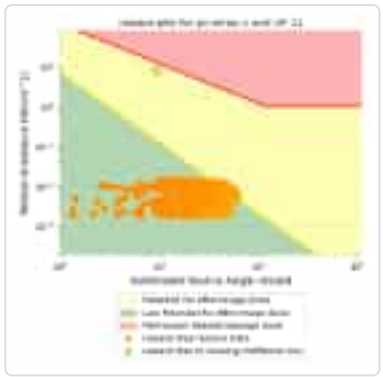
PV array 1: OP 11

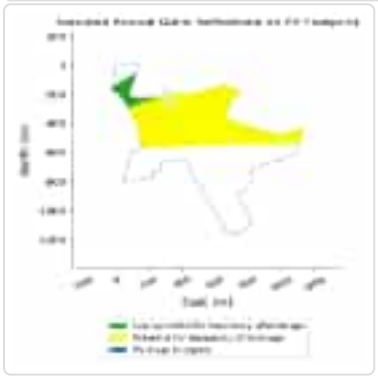
PV array is expected to produce the following glare for this receptor:

- 3,477 minutes of "green" glare with low potential to cause temporary after-image.
- 1,082 minutes of "yellow" glare with potential to cause temporary after-image.





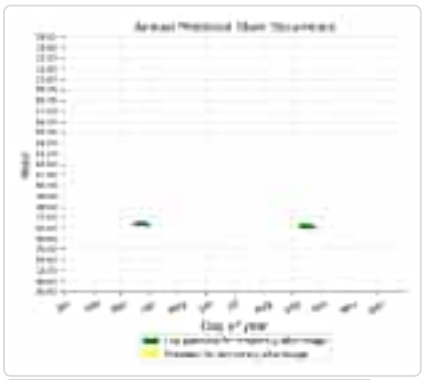


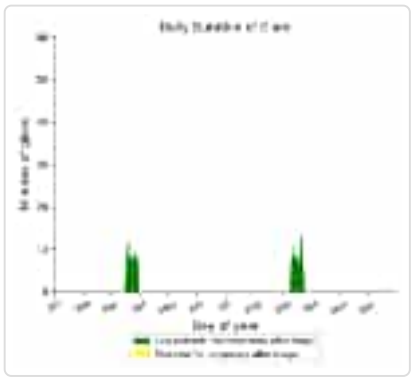


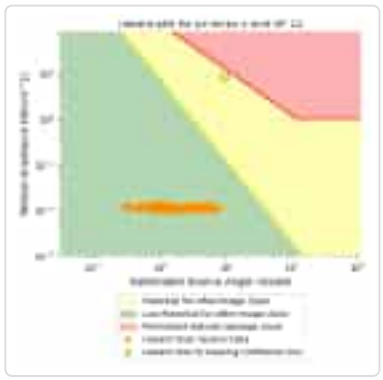
PV array 1: OP 12

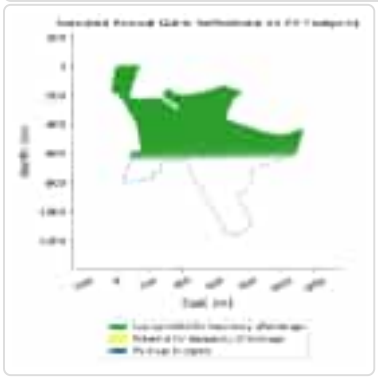
PV array is expected to produce the following glare for this receptor:

- 253 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





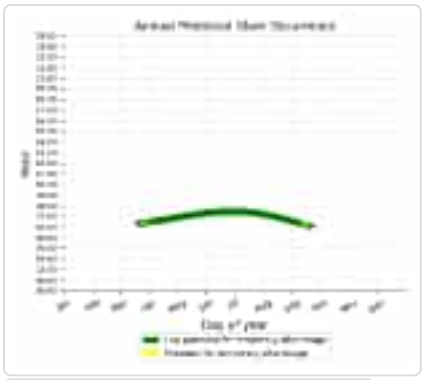


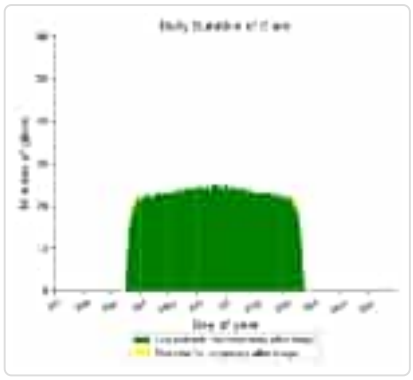


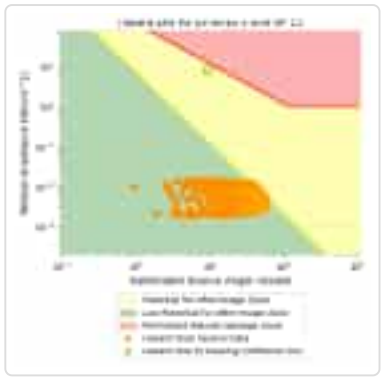
PV array 1: OP 13

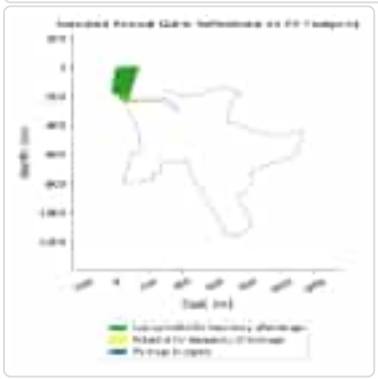
PV array is expected to produce the following glare for this receptor:

- 4,275 minutes of "green" glare with low potential to cause temporary after-image.
- 15 minutes of "yellow" glare with potential to cause temporary after-image.





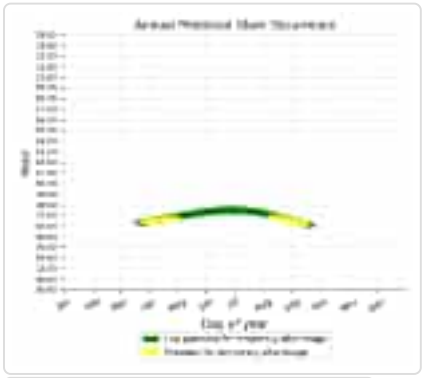


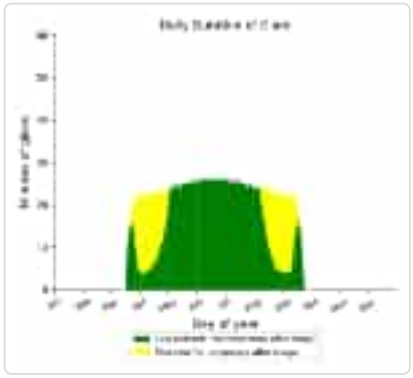


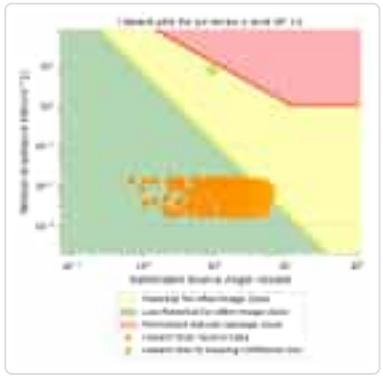
PV array 1: OP 14

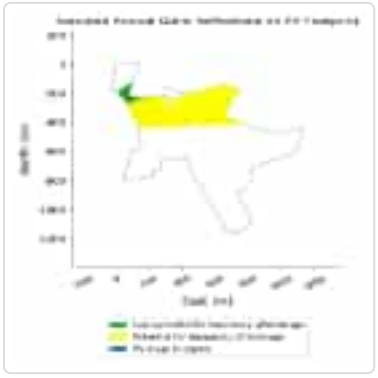
PV array is expected to produce the following glare for this receptor:

- 3,286 minutes of "green" glare with low potential to cause temporary after-image.
- 1,139 minutes of "yellow" glare with potential to cause temporary after-image.





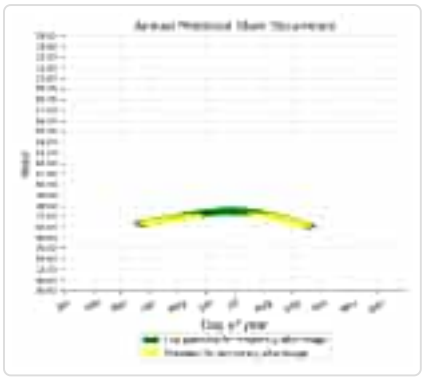


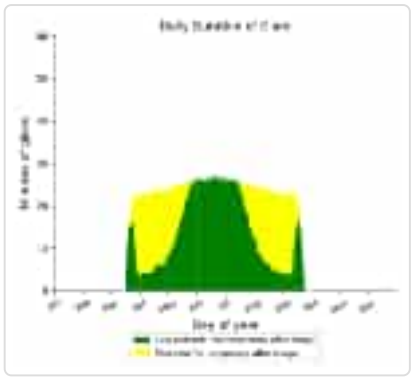


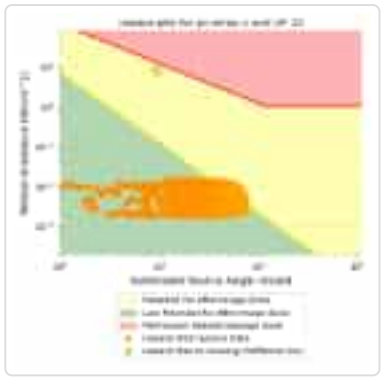
PV array 1: OP 15

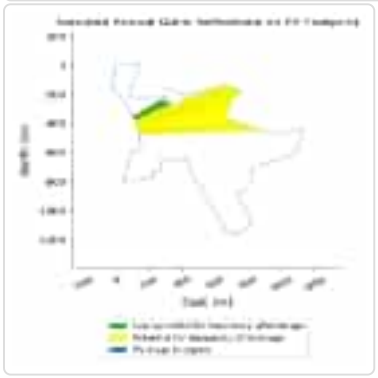
PV array is expected to produce the following glare for this receptor:

- 2,740 minutes of "green" glare with low potential to cause temporary after-image.
- 1,789 minutes of "yellow" glare with potential to cause temporary after-image.





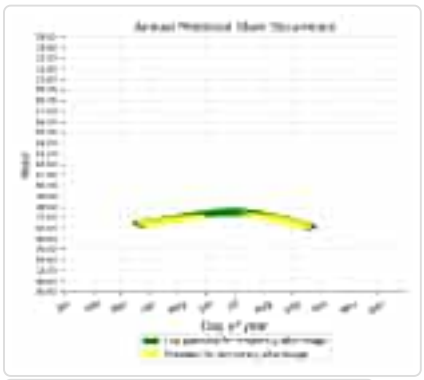


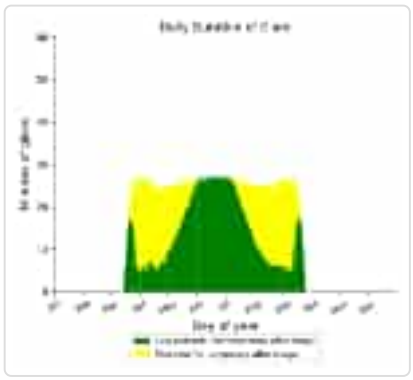


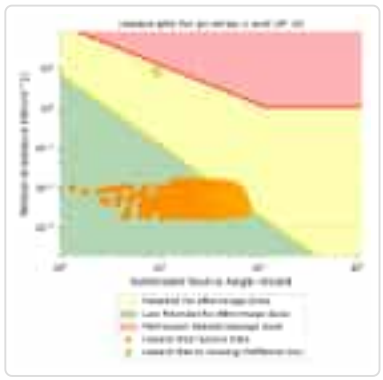
PV array 1: OP 16

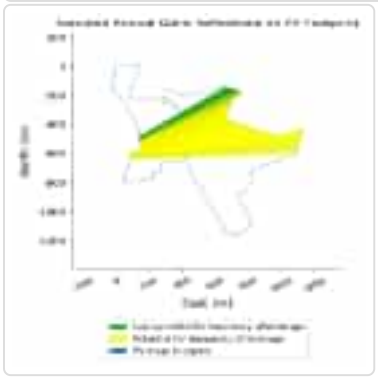
PV array is expected to produce the following glare for this receptor:

- 2,837 minutes of "green" glare with low potential to cause temporary after-image.
- 2,004 minutes of "yellow" glare with potential to cause temporary after-image.





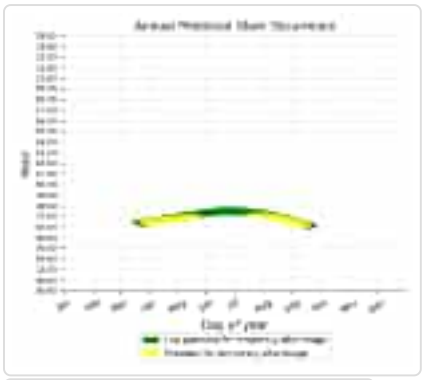


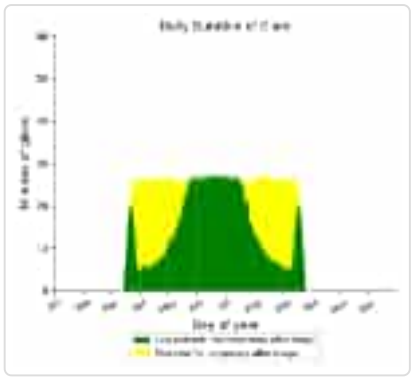


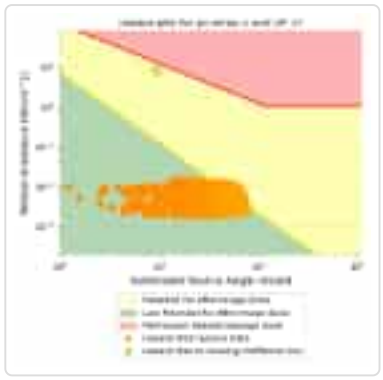
PV array 1: OP 17

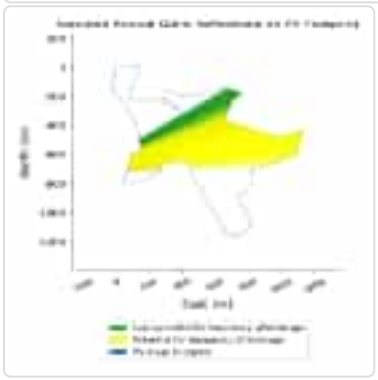
PV array is expected to produce the following glare for this receptor:

- 3,075 minutes of "green" glare with low potential to cause temporary after-image.
- 1,859 minutes of "yellow" glare with potential to cause temporary after-image.





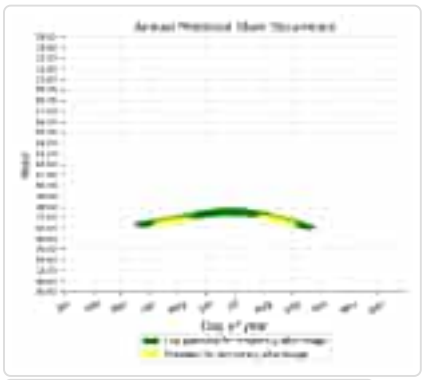


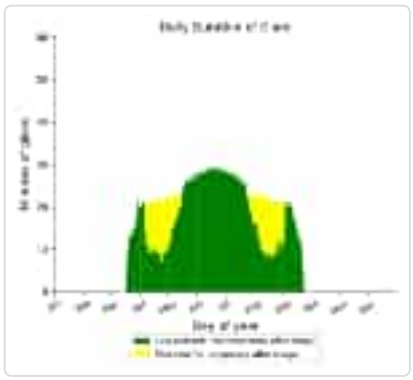


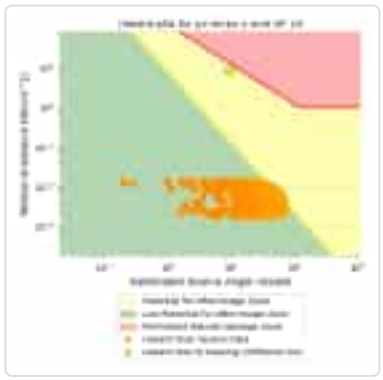
PV array 1: OP 18

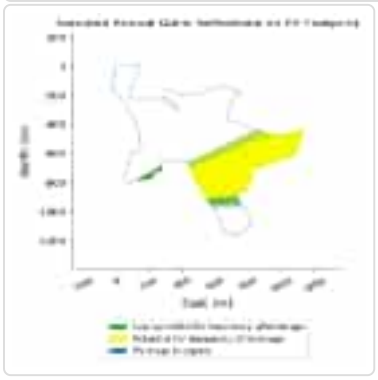
PV array is expected to produce the following glare for this receptor:

- 3,520 minutes of "green" glare with low potential to cause temporary after-image.
- 793 minutes of "yellow" glare with potential to cause temporary after-image.





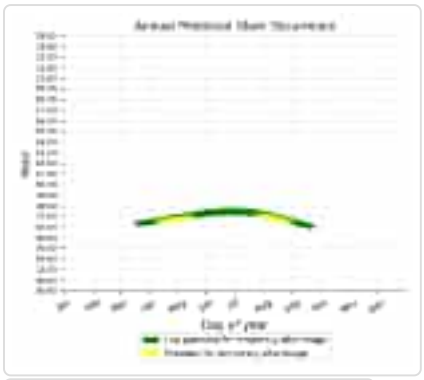


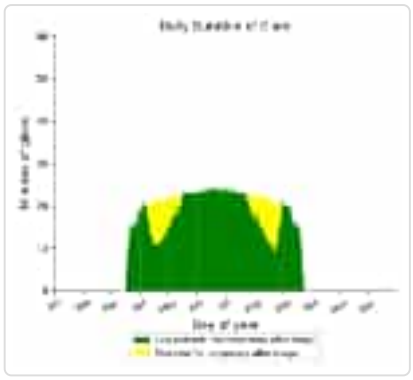


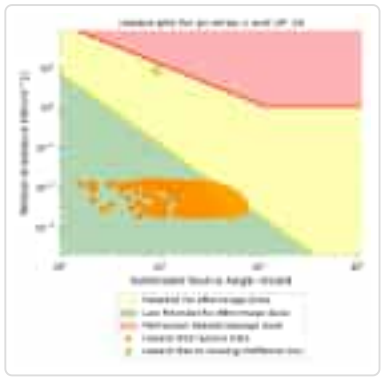
PV array 1: OP 19

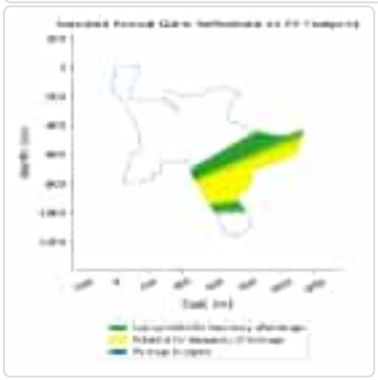
PV array is expected to produce the following glare for this receptor:

- 3,479 minutes of "green" glare with low potential to cause temporary after-image.
- 503 minutes of "yellow" glare with potential to cause temporary after-image.





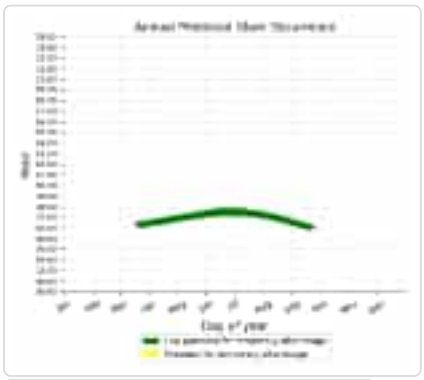


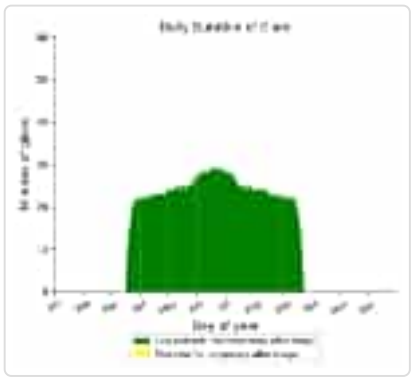


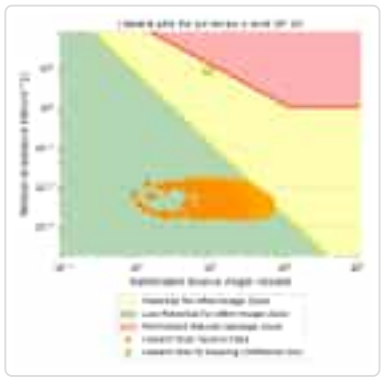
PV array 1: OP 20

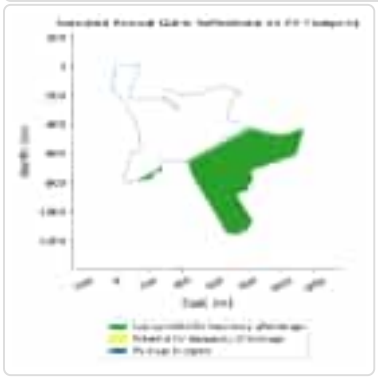
PV array is expected to produce the following glare for this receptor:

- 4,529 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





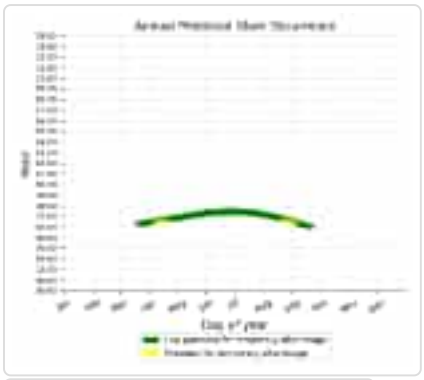


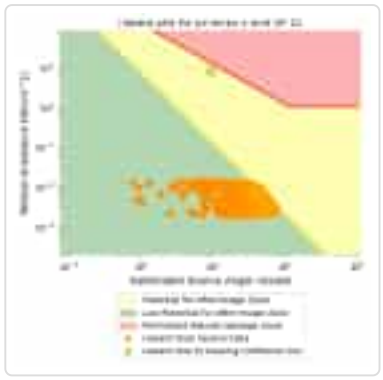


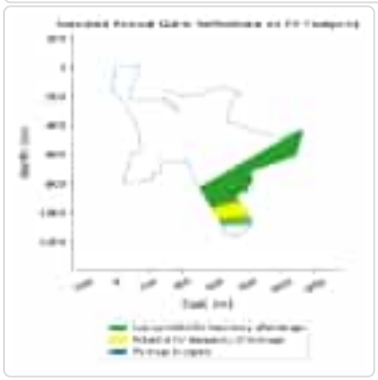
PV array 1: OP 21

PV array is expected to produce the following glare for this receptor:

- 3,738 minutes of "green" glare with low potential to cause temporary after-image.
- 127 minutes of "yellow" glare with potential to cause temporary after-image.



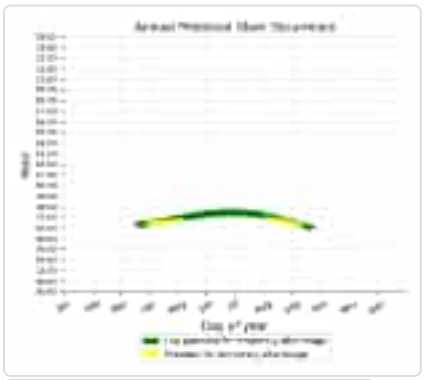


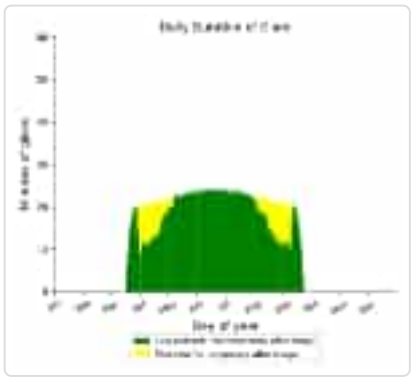


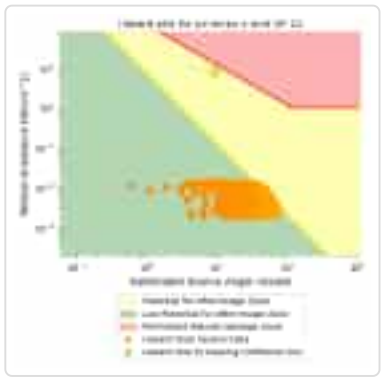
PV array 1: OP 22

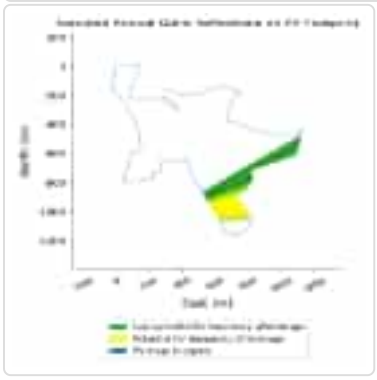
PV array is expected to produce the following glare for this receptor:

- 3,555 minutes of "green" glare with low potential to cause temporary after-image.
- 526 minutes of "yellow" glare with potential to cause temporary after-image.





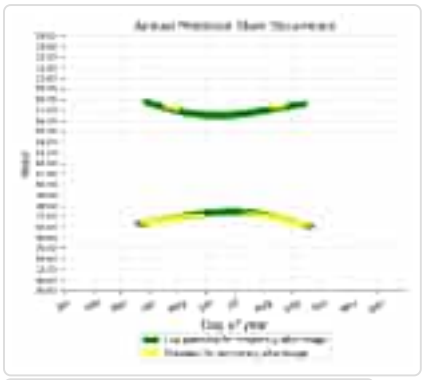


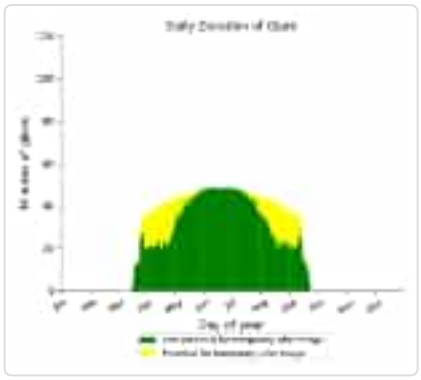


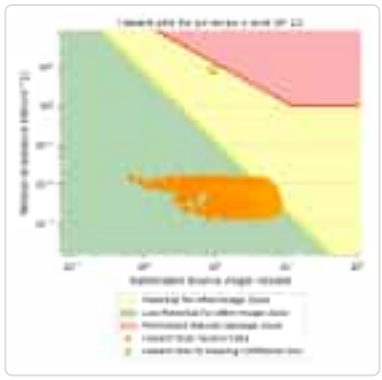
PV array 1: OP 23

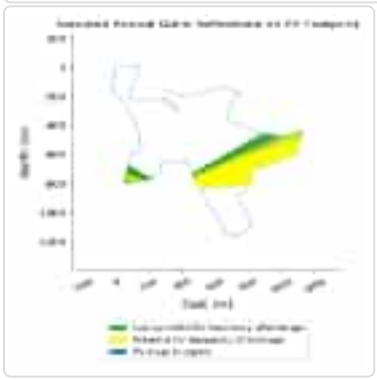
PV array is expected to produce the following glare for this receptor:

- 6,231 minutes of "green" glare with low potential to cause temporary after-image.
- 1,451 minutes of "yellow" glare with potential to cause temporary after-image.





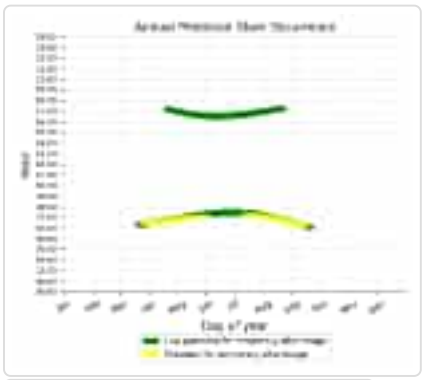


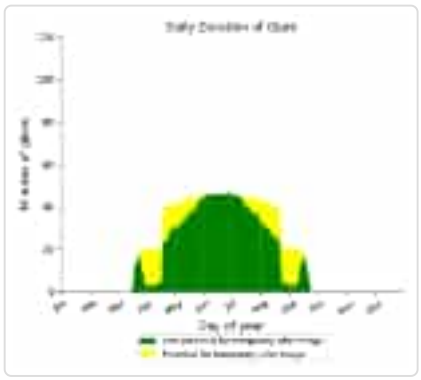


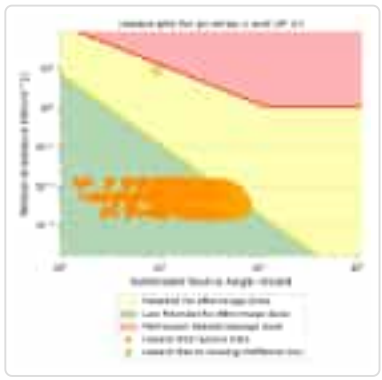
PV array 1: OP 24

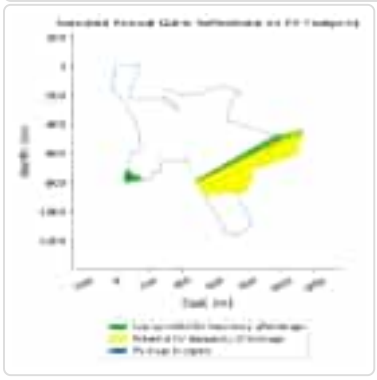
PV array is expected to produce the following glare for this receptor:

- 5,124 minutes of "green" glare with low potential to cause temporary after-image.
- 1,547 minutes of "yellow" glare with potential to cause temporary after-image.





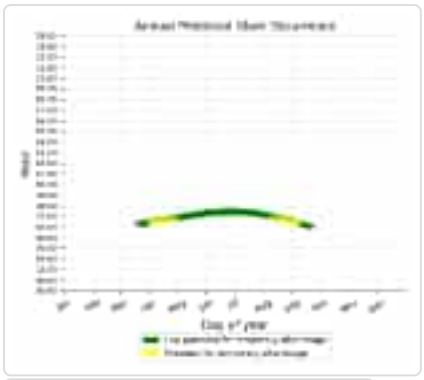


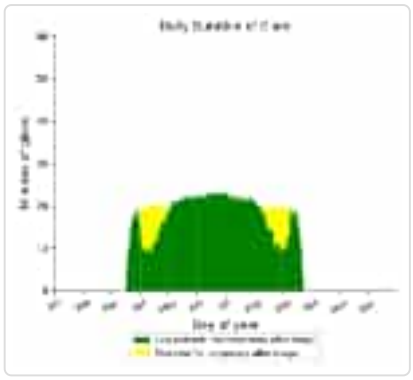


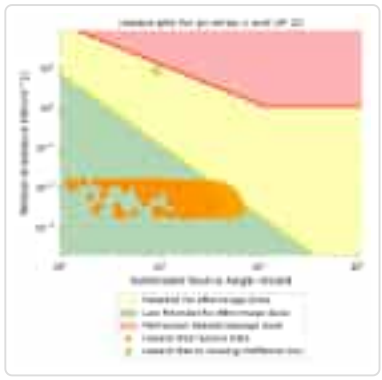
PV array 1: OP 25

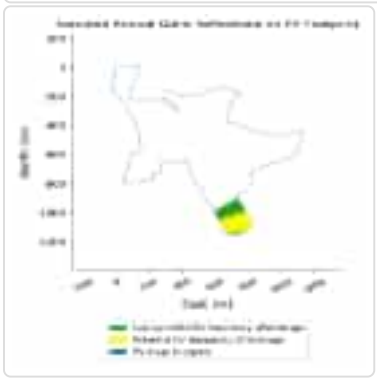
PV array is expected to produce the following glare for this receptor:

- 3,380 minutes of "green" glare with low potential to cause temporary after-image.
- 430 minutes of "yellow" glare with potential to cause temporary after-image.





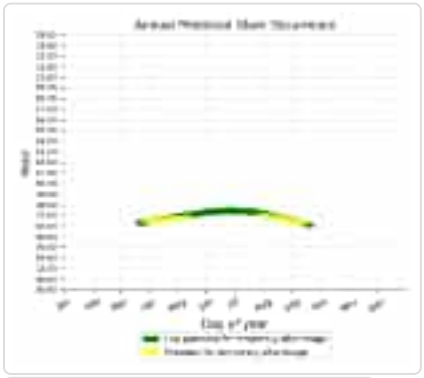


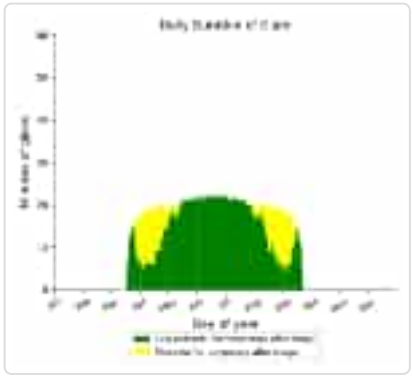


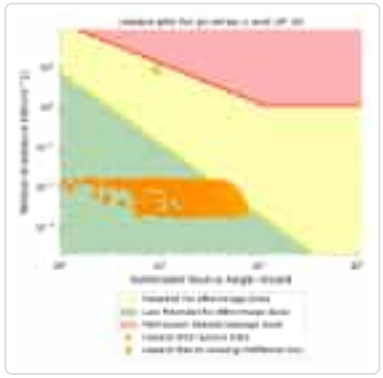
PV array 1: OP 26

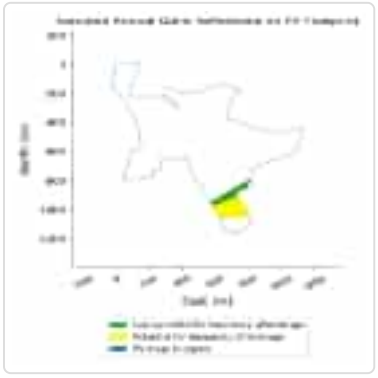
PV array is expected to produce the following glare for this receptor:

- 2,848 minutes of "green" glare with low potential to cause temporary after-image.
- 784 minutes of "yellow" glare with potential to cause temporary after-image.





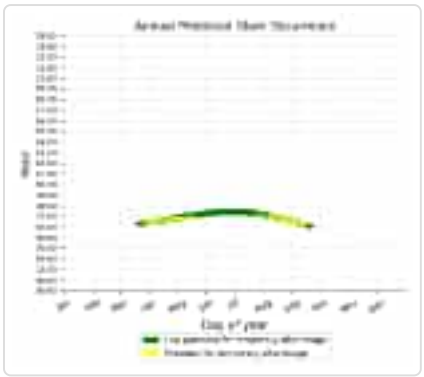


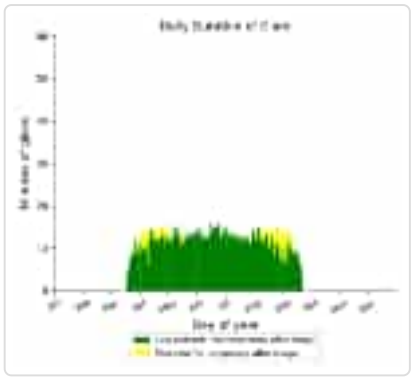


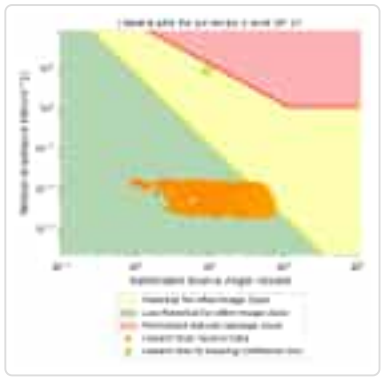
PV array 1: OP 27

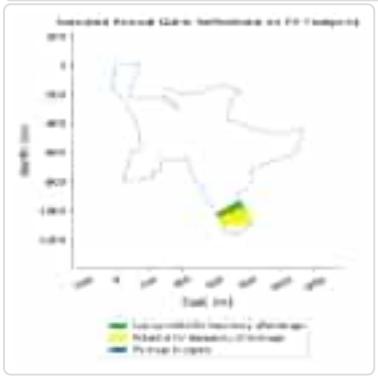
PV array is expected to produce the following glare for this receptor:

- 2,194 minutes of "green" glare with low potential to cause temporary after-image.
- 220 minutes of "yellow" glare with potential to cause temporary after-image.





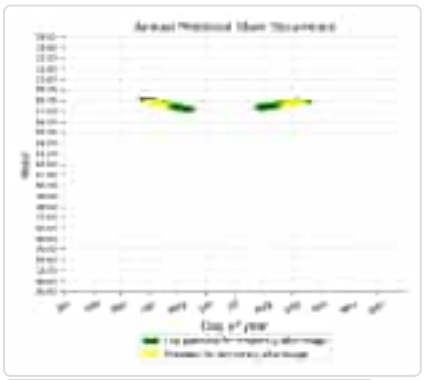


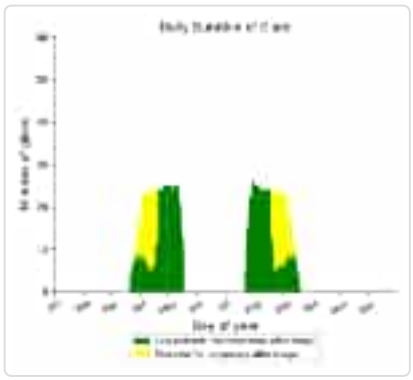


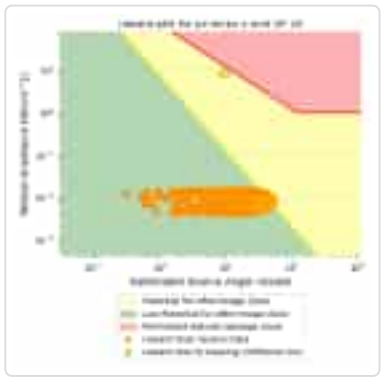
PV array 1: OP 28

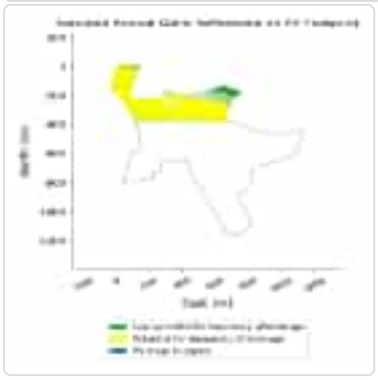
PV array is expected to produce the following glare for this receptor:

- 1,685 minutes of "green" glare with low potential to cause temporary after-image.
- 698 minutes of "yellow" glare with potential to cause temporary after-image.





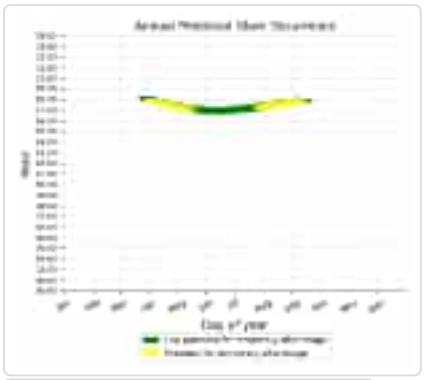


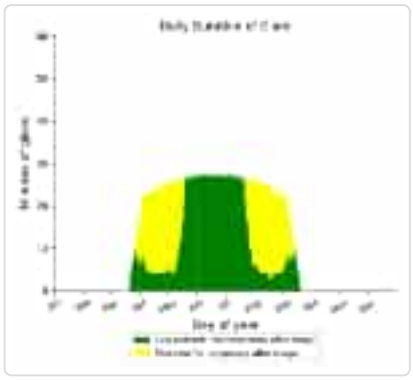


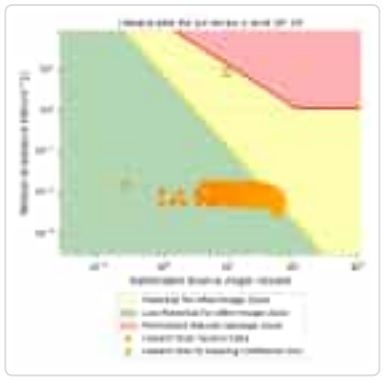
PV array 1: OP 29

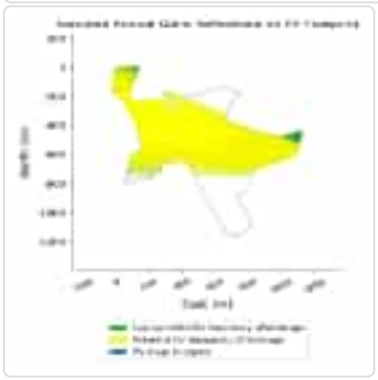
PV array is expected to produce the following glare for this receptor:

- 2,476 minutes of "green" glare with low potential to cause temporary after-image.
- 1,801 minutes of "yellow" glare with potential to cause temporary after-image.





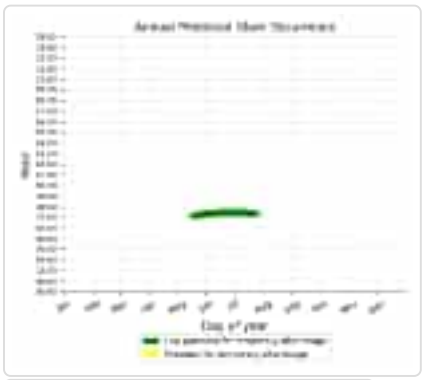


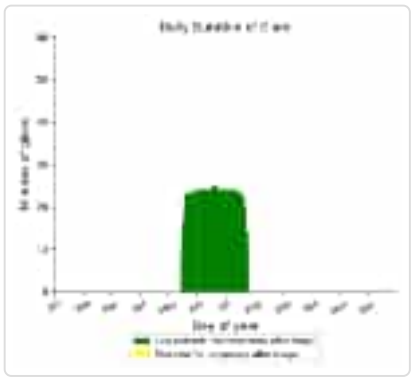


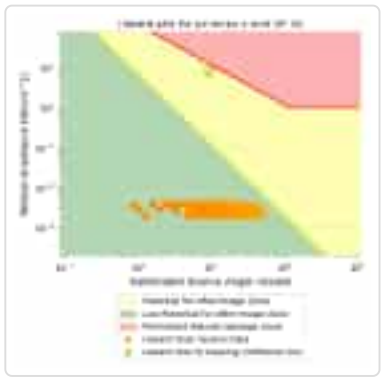
PV array 1: OP 30

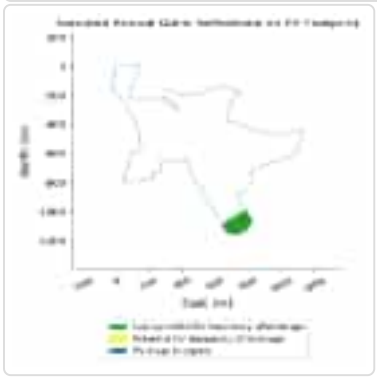
PV array is expected to produce the following glare for this receptor:

- 1,669 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 31

No glare found

PV array 1: OP 32

No glare found

PV array 1: OP 33

No glare found

PV array 1: OP 34

No glare found

PV array 1: OP 35

No glare found

PV array 1: OP 36

No glare found

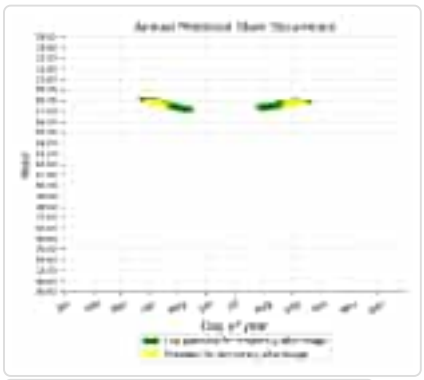
PV array 1: OP 37

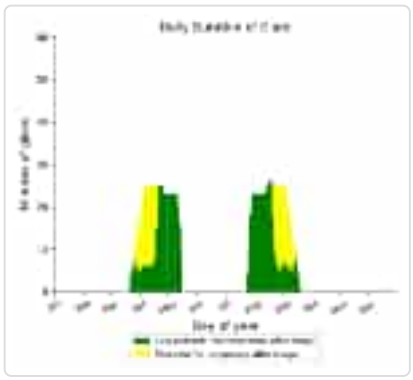
No glare found

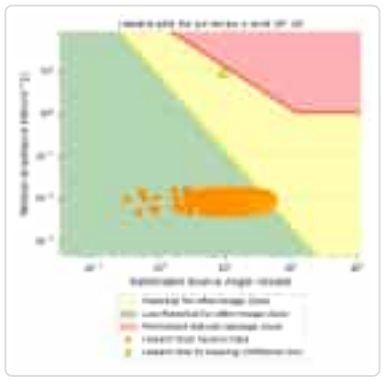
PV array 1: OP 38

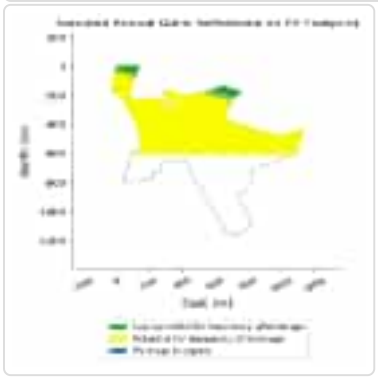
PV array is expected to produce the following glare for this receptor:

- 1,572 minutes of "green" glare with low potential to cause temporary after-image.
- 726 minutes of "yellow" glare with potential to cause temporary after-image.





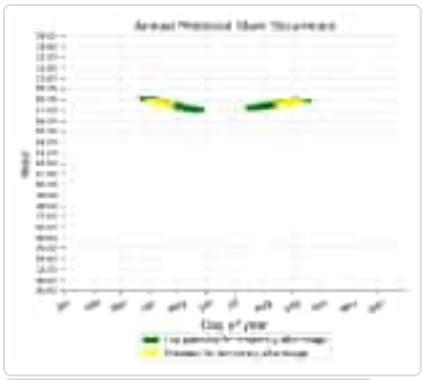


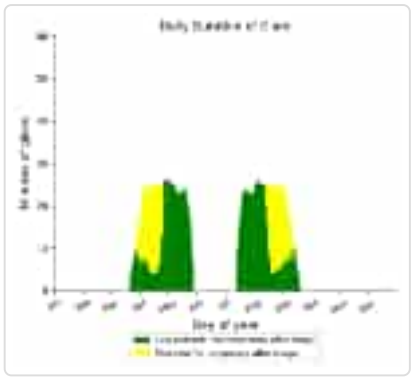


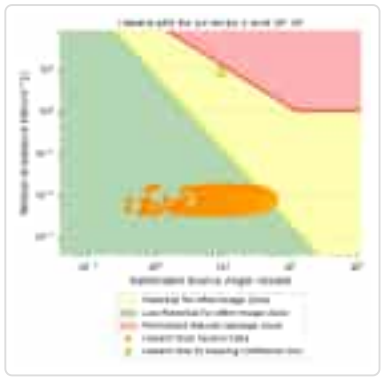
PV array 1: OP 39

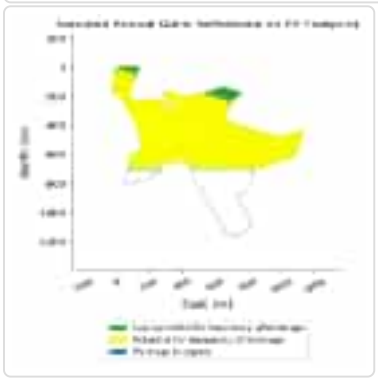
PV array is expected to produce the following glare for this receptor:

- 1,929 minutes of "green" glare with low potential to cause temporary after-image.
- 940 minutes of "yellow" glare with potential to cause temporary after-image.





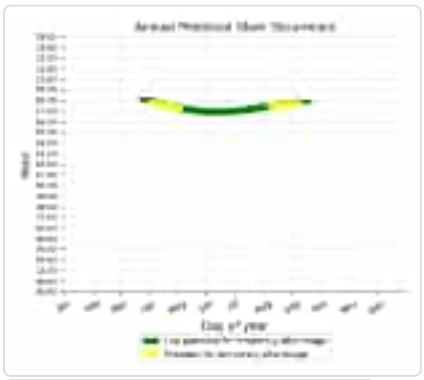


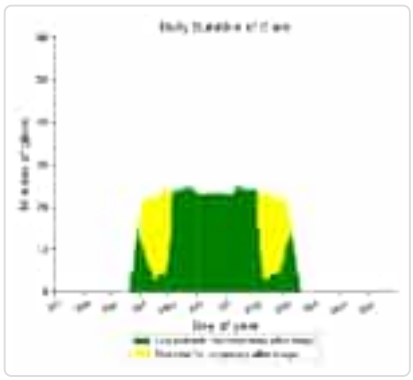


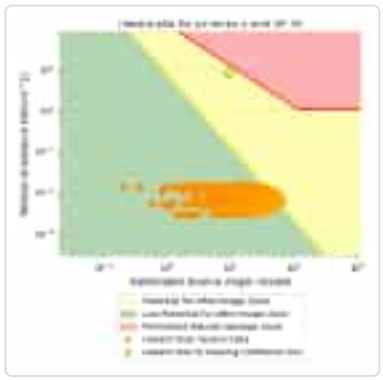
PV array 1: OP 40

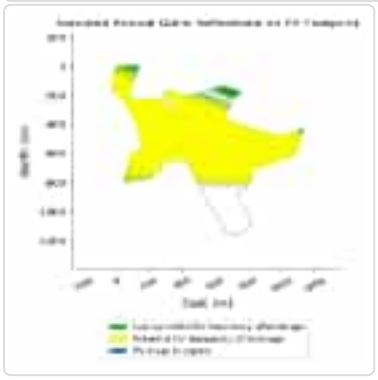
PV array is expected to produce the following glare for this receptor:

- 2,799 minutes of "green" glare with low potential to cause temporary after-image.
- 1,109 minutes of "yellow" glare with potential to cause temporary after-image.





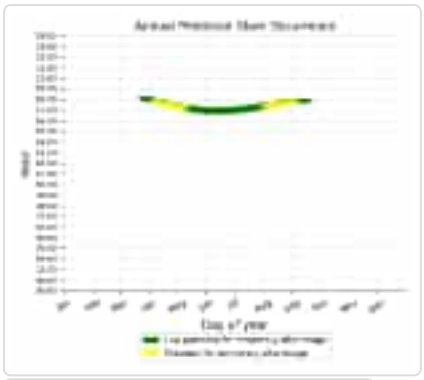


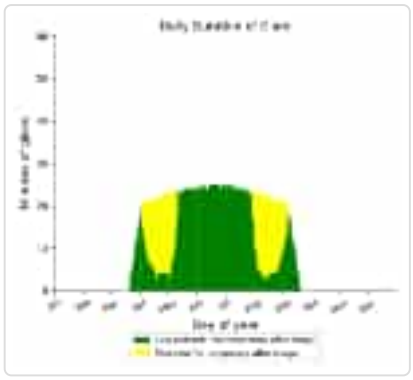


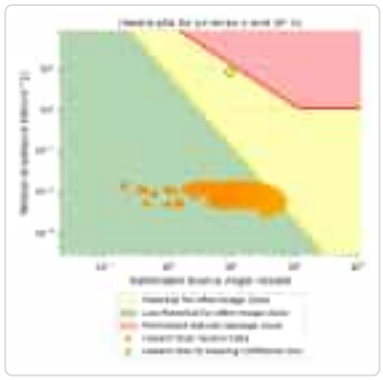
PV array 1: OP 41

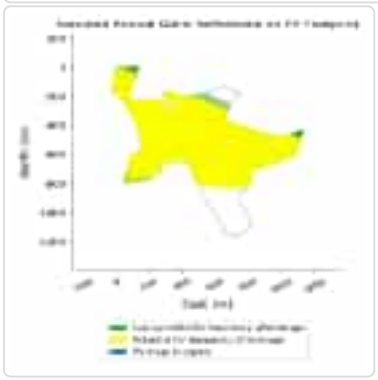
PV array is expected to produce the following glare for this receptor:

- 2,721 minutes of "green" glare with low potential to cause temporary after-image.
- 1,186 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 42

No glare found

PV array 1: OP 43

No glare found

PV array 1: OP 44

No glare found

PV array 1: OP 45

No glare found

PV array 1: OP 46

No glare found

PV array 1: OP 47

No glare found

PV array 1: OP 48

No glare found

PV array 1: OP 49

No glare found

PV array 1: OP 50

No glare found

PV array 1: OP 51

No glare found

PV array 1: OP 52

No glare found

PV array 1: OP 53

No glare found

PV array 1: OP 54

No glare found

PV array 1: OP 55

No glare found

PV array 1: OP 56

No glare found

PV array 1: OP 57

No glare found

PV array 1: OP 58

No glare found

PV array 1: OP 59

No glare found

PV array 1: OP 60

No glare found

PV array 1: OP 61

No glare found

PV array 1: OP 62

No glare found

PV array 1: OP 63

No glare found

PV array 1: OP 64

No glare found

PV array 1: OP 65

No glare found

PV array 1: OP 66

No glare found

PV array 1: OP 67

No glare found

PV array 1: OP 68

No glare found

PV array 1: OP 69

No glare found

PV array 1: OP 70

No glare found

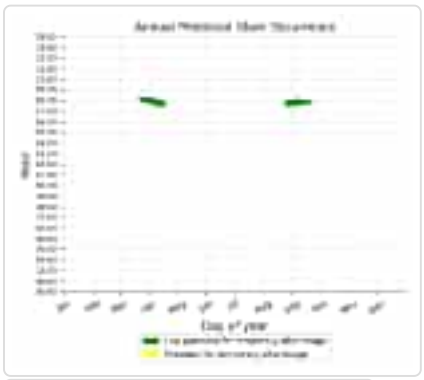
PV array 1: OP 71

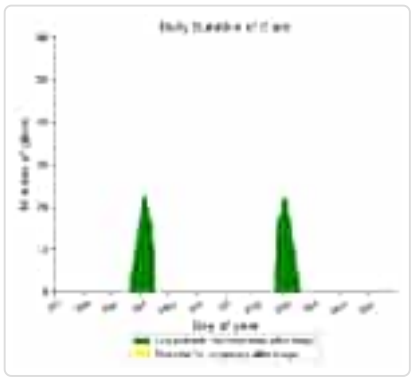
No glare found

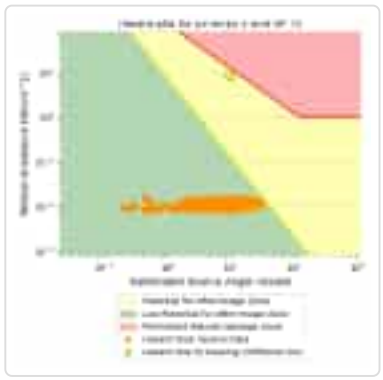
PV array 1: OP 72

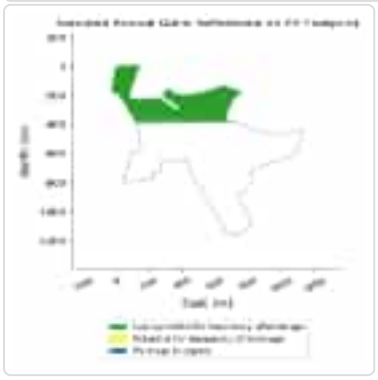
PV array is expected to produce the following glare for this receptor:

- 808 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





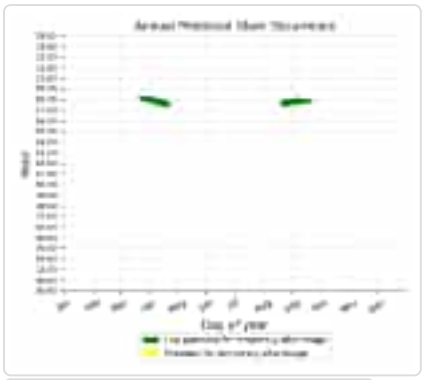


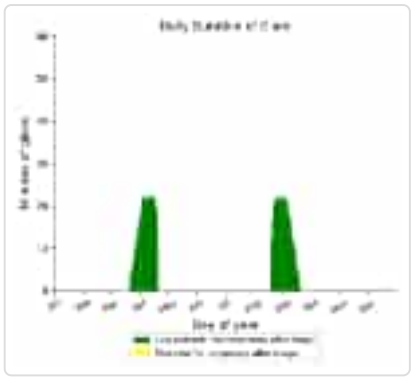


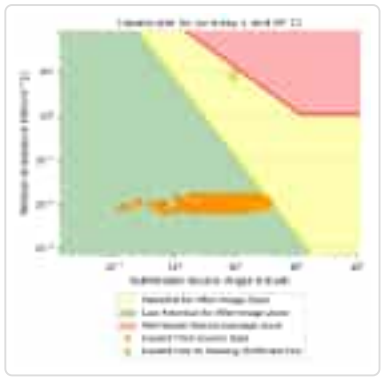
PV array 1: OP 73

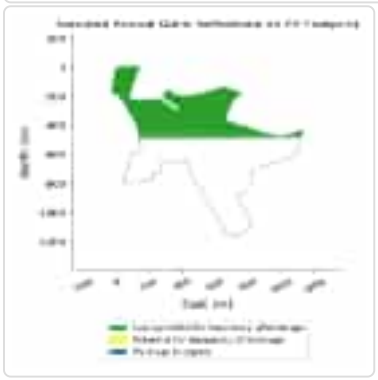
PV array is expected to produce the following glare for this receptor:

- 1,044 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





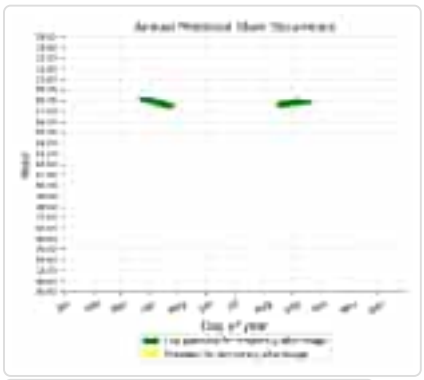


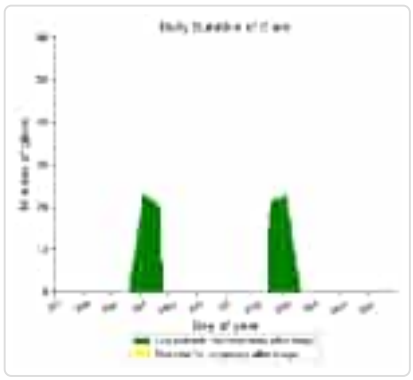


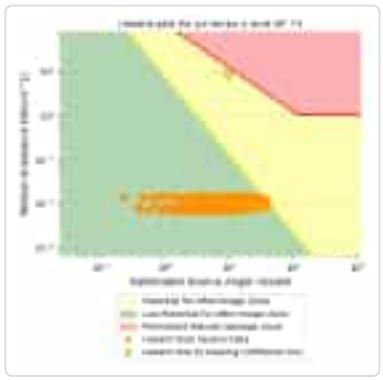
PV array 1: OP 74

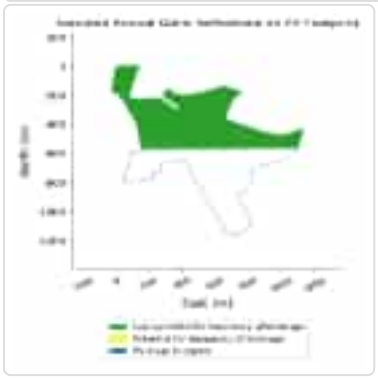
PV array is expected to produce the following glare for this receptor:

- 1,209 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





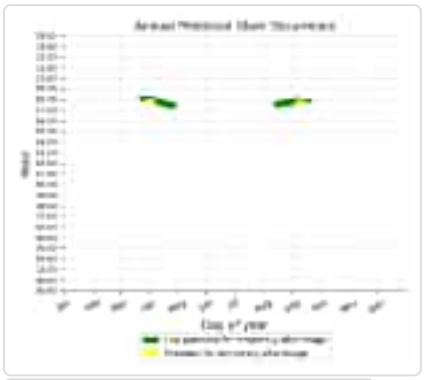


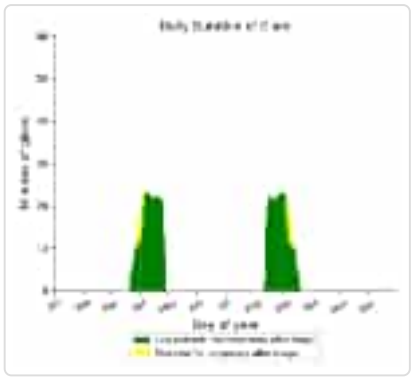


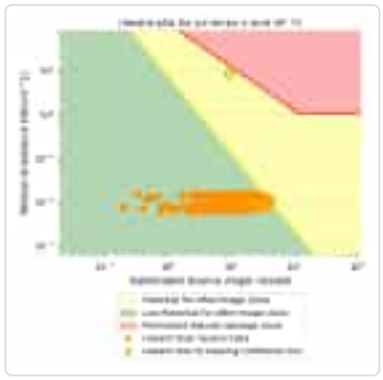
PV array 1: OP 75

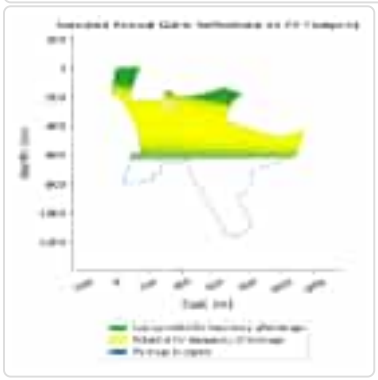
PV array is expected to produce the following glare for this receptor:

- 1,279 minutes of "green" glare with low potential to cause temporary after-image.
- 86 minutes of "yellow" glare with potential to cause temporary after-image.





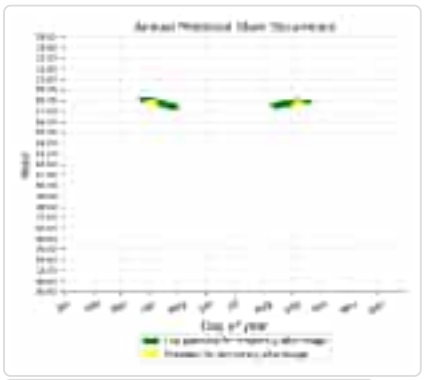


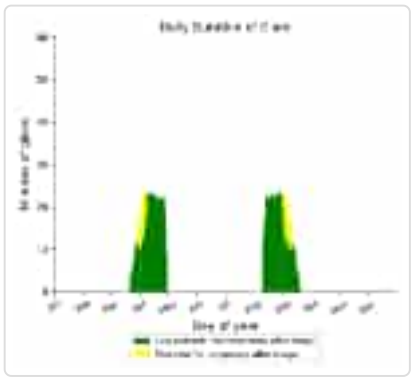


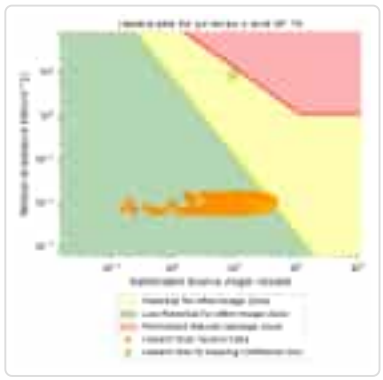
PV array 1: OP 76

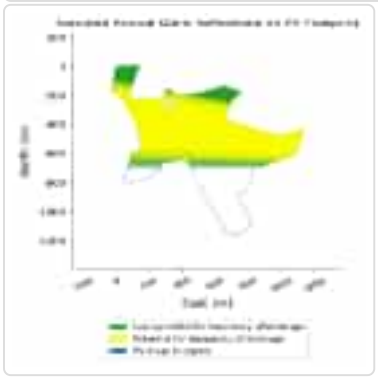
PV array is expected to produce the following glare for this receptor:

- 1,315 minutes of "green" glare with low potential to cause temporary after-image.
- 164 minutes of "yellow" glare with potential to cause temporary after-image.





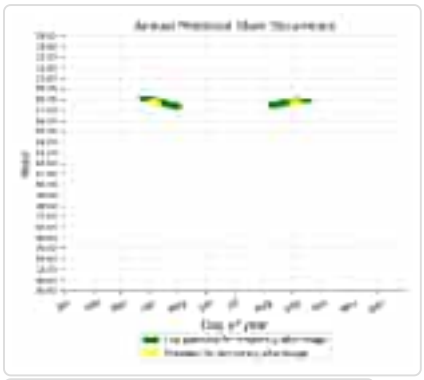


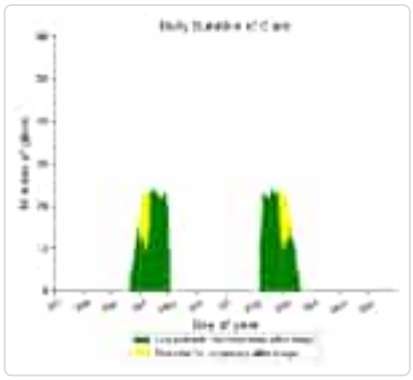


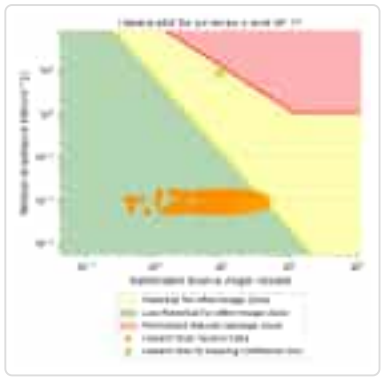
PV array 1: OP 77

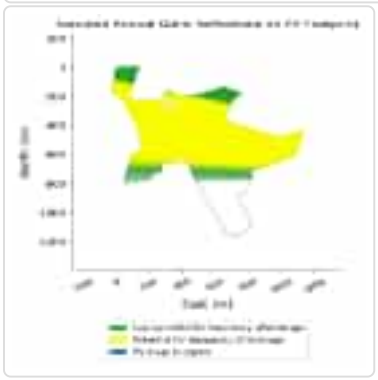
PV array is expected to produce the following glare for this receptor:

- 1,384 minutes of "green" glare with low potential to cause temporary after-image.
- 246 minutes of "yellow" glare with potential to cause temporary after-image.





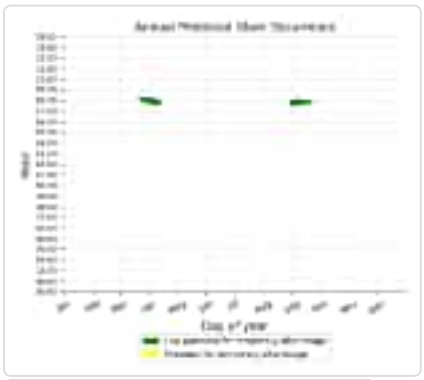


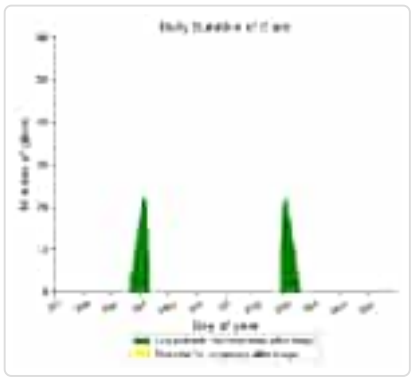


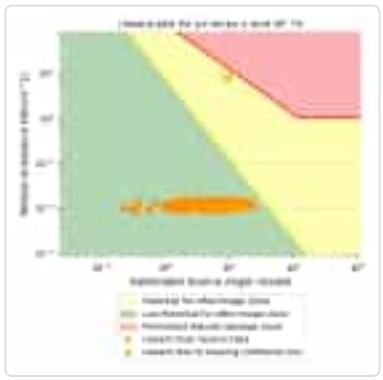
PV array 1: OP 78

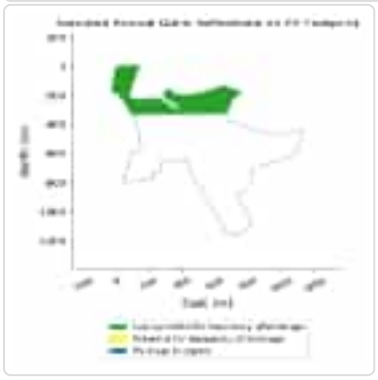
PV array is expected to produce the following glare for this receptor:

- 602 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





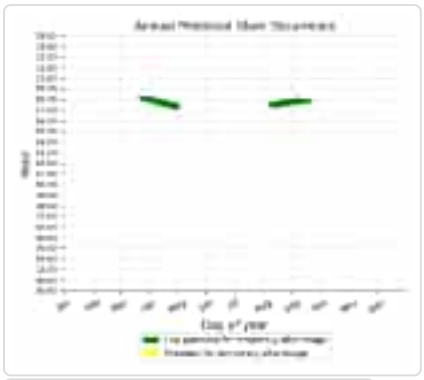


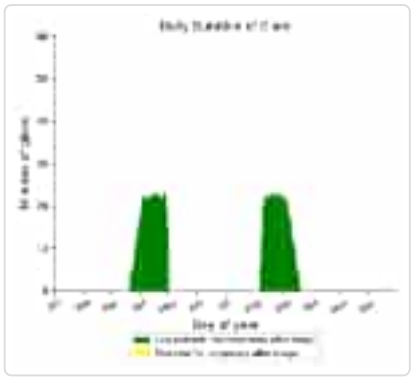


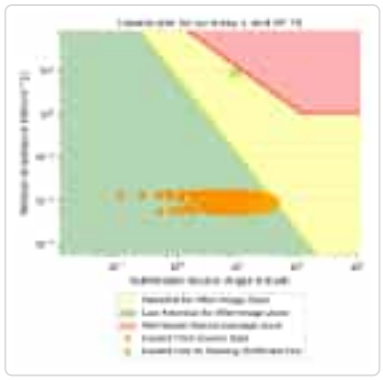
PV array 1: OP 79

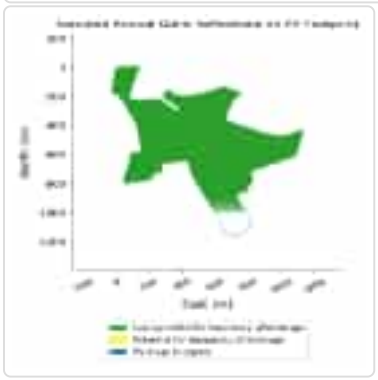
PV array is expected to produce the following glare for this receptor:

- 1,552 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





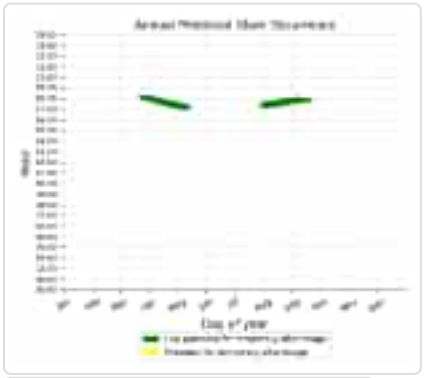


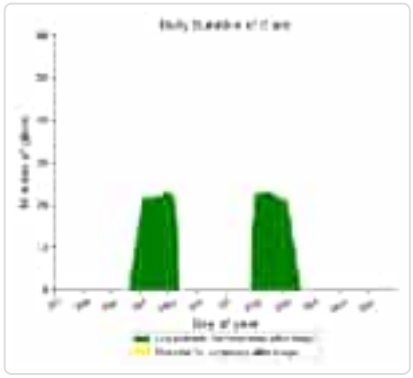


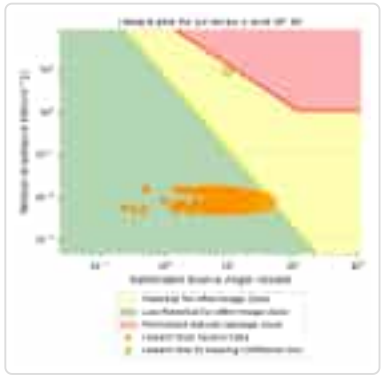
PV array 1: OP 80

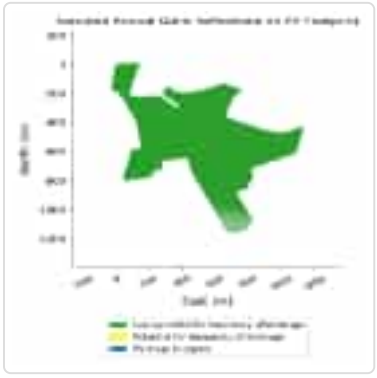
PV array is expected to produce the following glare for this receptor:

- 1,999 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 11 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 12 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 13 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 14 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 15 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 2 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	103	0
OP: OP 2	190	0
OP: OP 3	27	0
OP: OP 4	673	0
OP: OP 5	856	285
OP: OP 6	1677	820
OP: OP 7	0	0
OP: OP 8	3328	0
OP: OP 9	3498	0
OP: OP 10	3345	0
OP: OP 11	3491	0
OP: OP 12	209	0
OP: OP 13	3119	632
OP: OP 14	3530	168
OP: OP 15	3275	330
OP: OP 16	3148	0
OP: OP 17	2945	0
OP: OP 18	1907	0

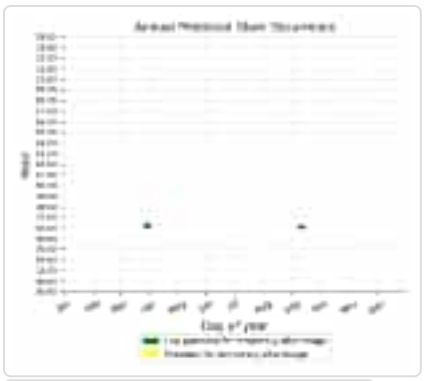
OP: OP 19	1670	0
OP: OP 20	1701	0
OP: OP 21	849	0
OP: OP 22	463	0
OP: OP 23	1827	0
OP: OP 24	1421	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	1913	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	1652	0
OP: OP 39	685	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	639	0
OP: OP 60	1162	0
OP: OP 61	1347	0
OP: OP 62	1685	494
OP: OP 63	2250	806
OP: OP 64	1311	0
OP: OP 65	1110	0
OP: OP 66	975	0
OP: OP 67	557	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	3523	1095
OP: OP 72	4169	58

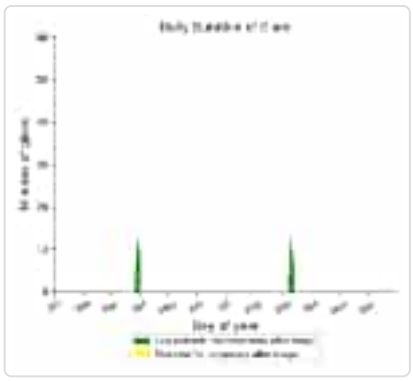
OP: OP 73	3884	0
OP: OP 74	3520	0
OP: OP 75	3330	0
OP: OP 76	3070	0
OP: OP 77	2824	0
OP: OP 78	3669	324
OP: OP 79	2811	0
OP: OP 80	2440	0

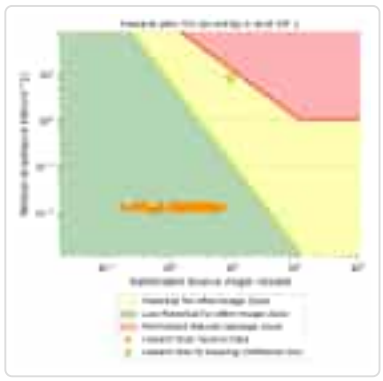
PV array 2: OP 1

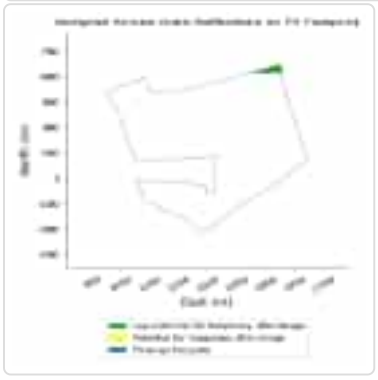
PV array is expected to produce the following glare for this receptor:

- 103 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





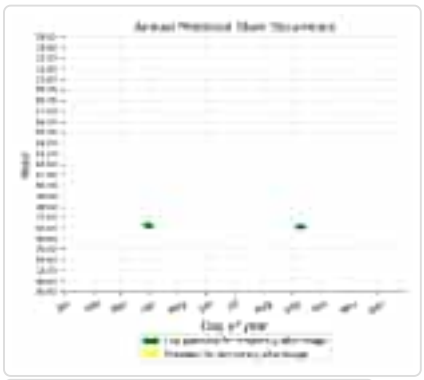


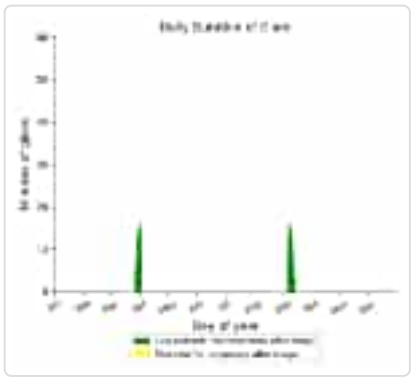


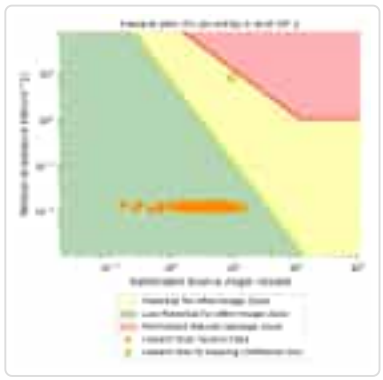
PV array 2: OP 2

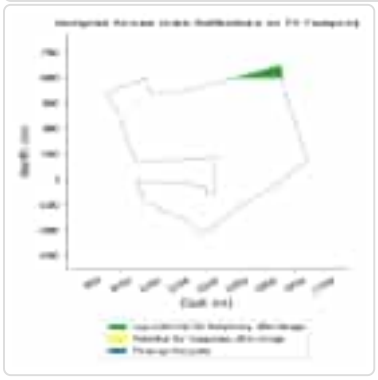
PV array is expected to produce the following glare for this receptor:

- 190 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





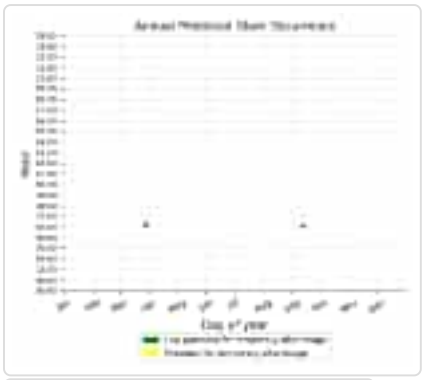


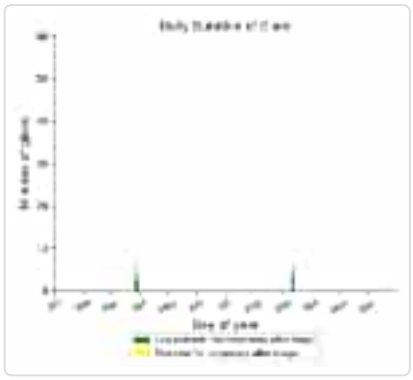


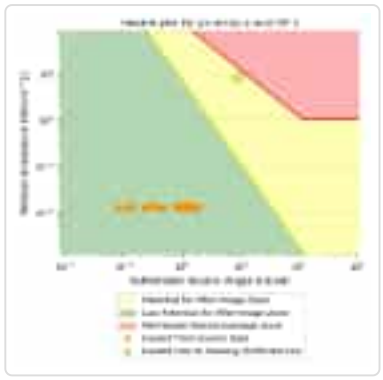
PV array 2: OP 3

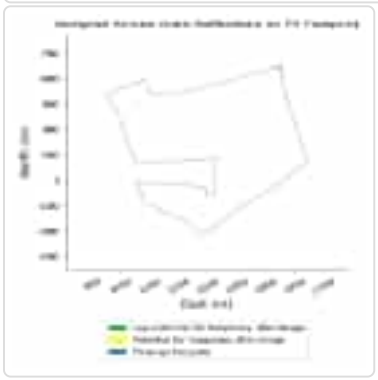
PV array is expected to produce the following glare for this receptor:

- 27 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





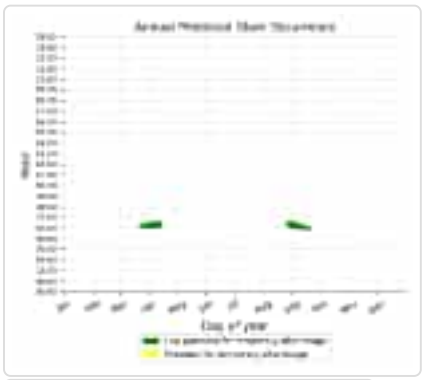


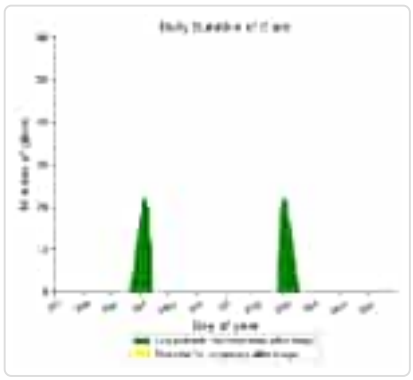


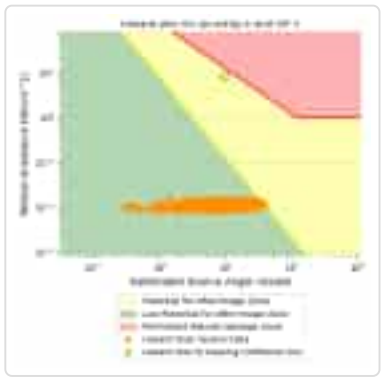
PV array 2: OP 4

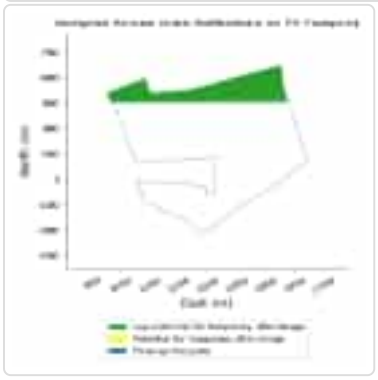
PV array is expected to produce the following glare for this receptor:

- 673 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





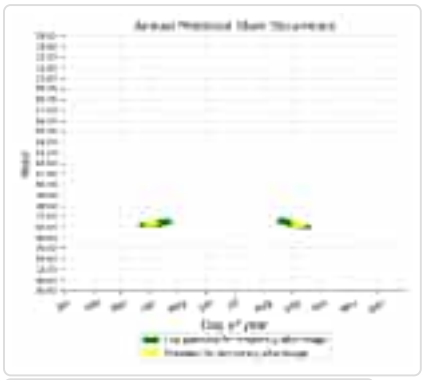


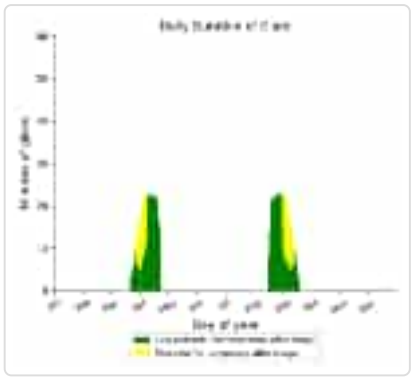


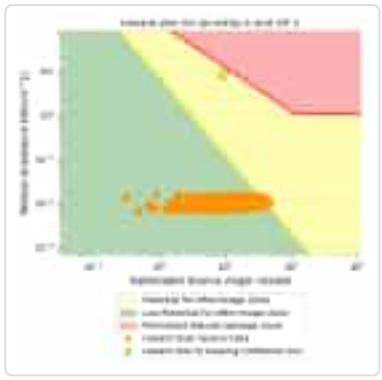
PV array 2: OP 5

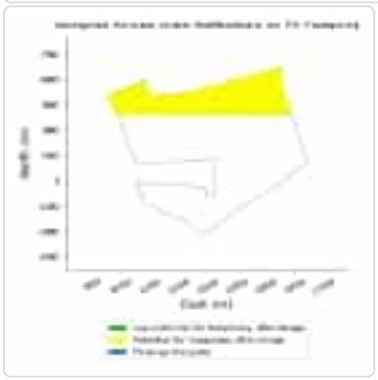
PV array is expected to produce the following glare for this receptor:

- 856 minutes of "green" glare with low potential to cause temporary after-image.
- 285 minutes of "yellow" glare with potential to cause temporary after-image.





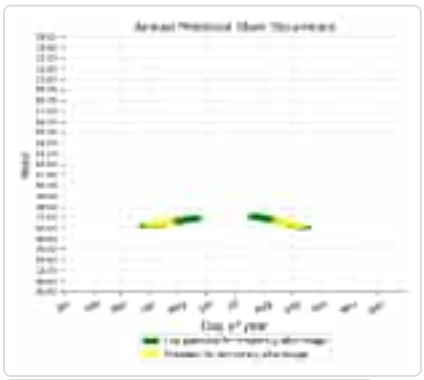


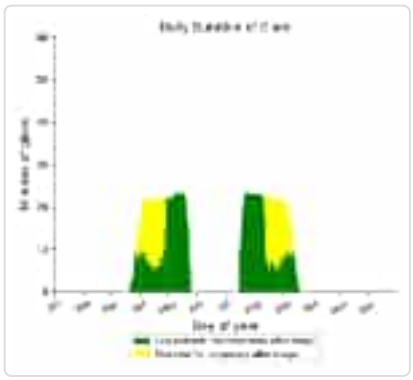


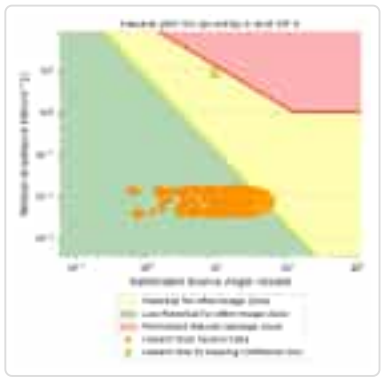
PV array 2: OP 6

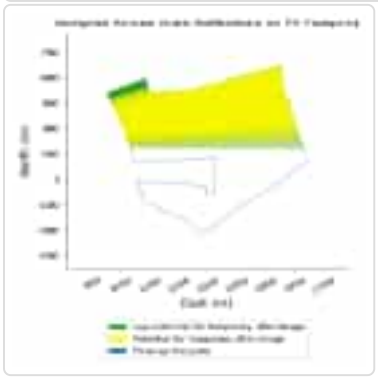
PV array is expected to produce the following glare for this receptor:

- 1,677 minutes of "green" glare with low potential to cause temporary after-image.
- 820 minutes of "yellow" glare with potential to cause temporary after-image.









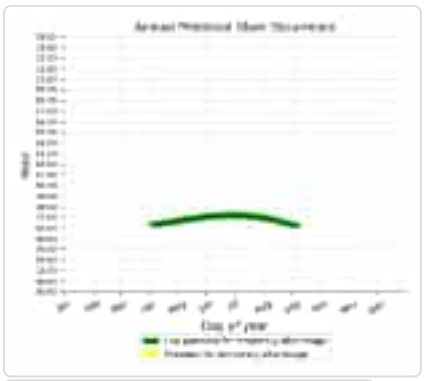
PV array 2: OP 7

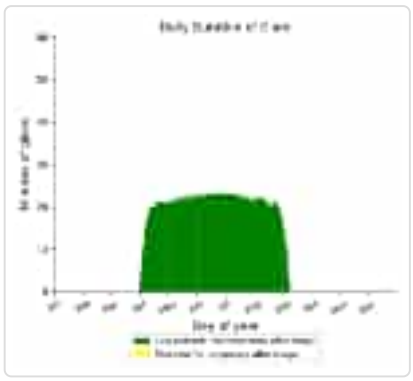
No glare found

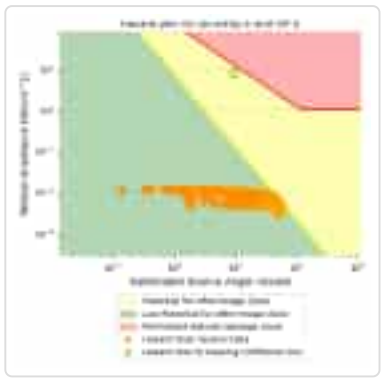
PV array 2: OP 8

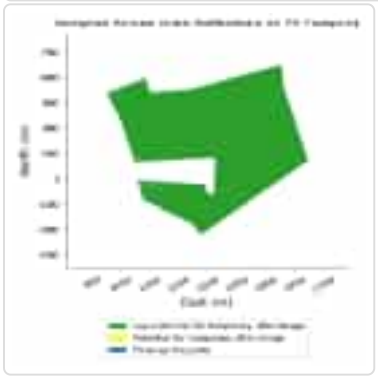
PV array is expected to produce the following glare for this receptor:

- 3,328 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





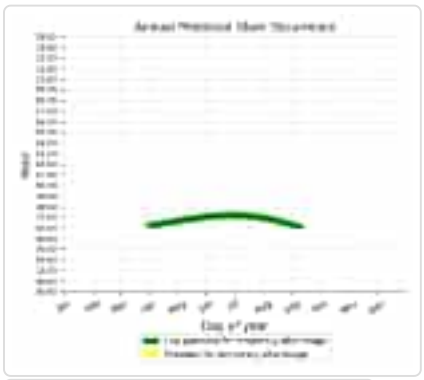


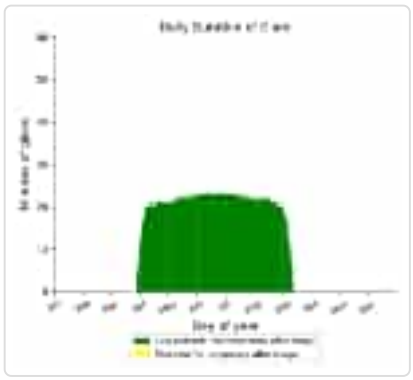


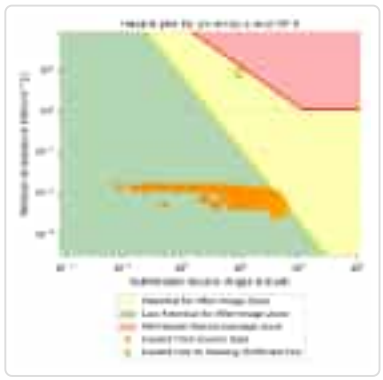
PV array 2: OP 9

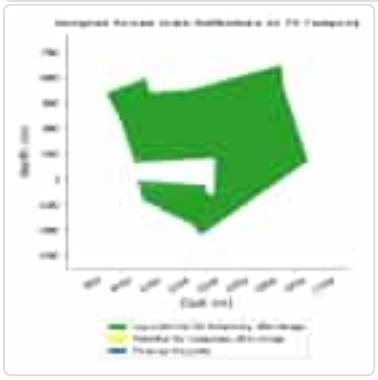
PV array is expected to produce the following glare for this receptor:

- 3,498 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





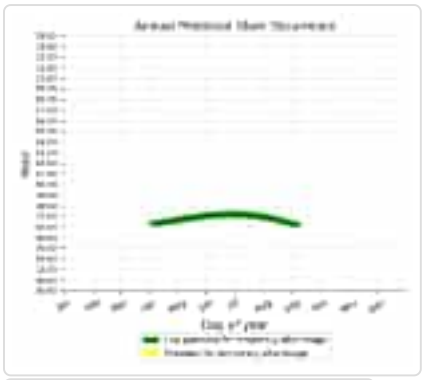


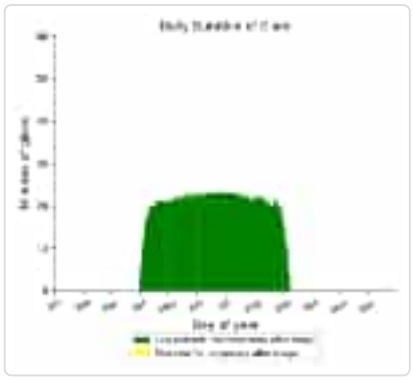


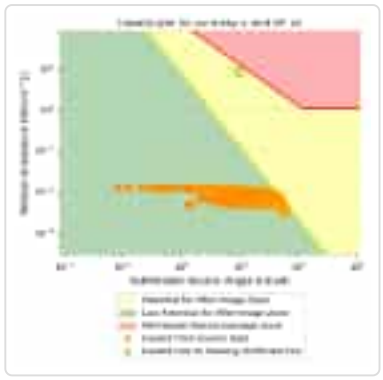
PV array 2: OP 10

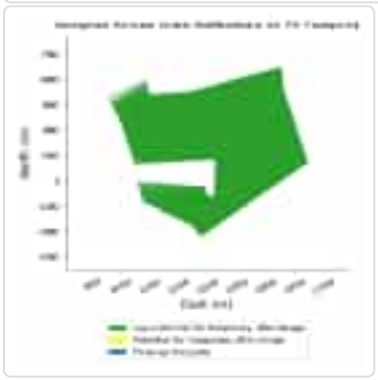
PV array is expected to produce the following glare for this receptor:

- 3,345 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





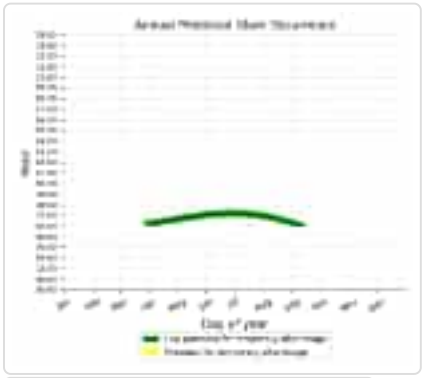


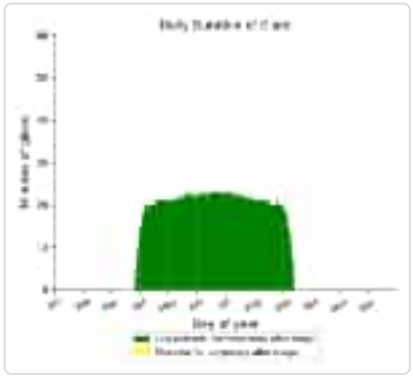


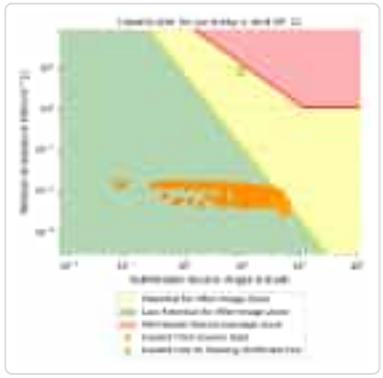
PV array 2: OP 11

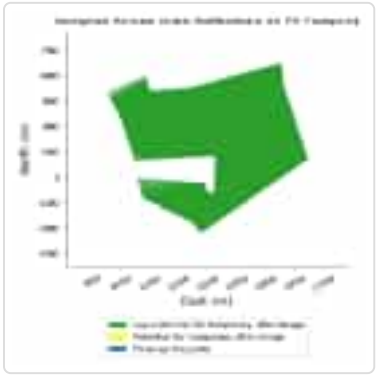
PV array is expected to produce the following glare for this receptor:

- 3,491 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





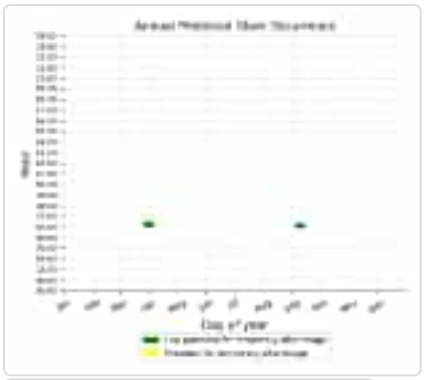


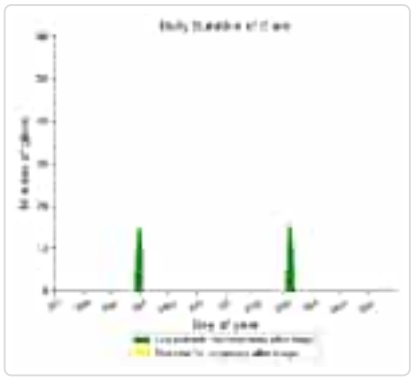


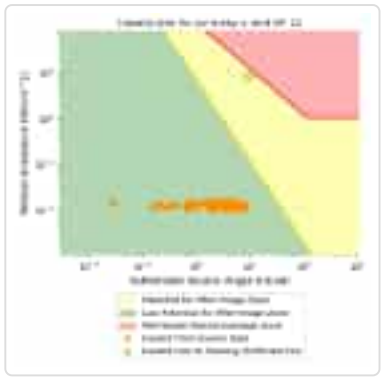
PV array 2: OP 12

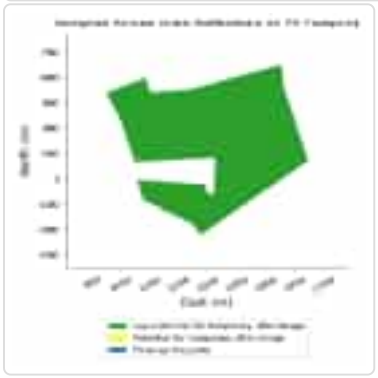
PV array is expected to produce the following glare for this receptor:

- 209 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





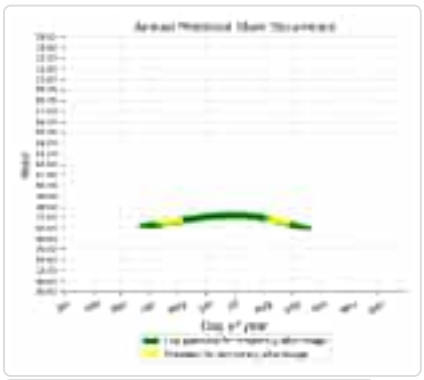


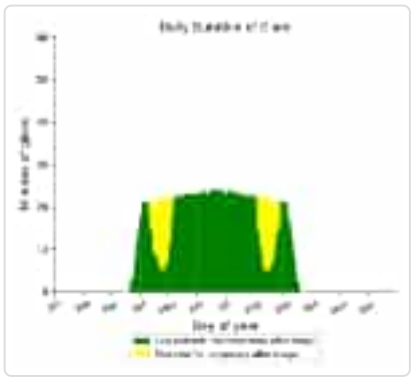


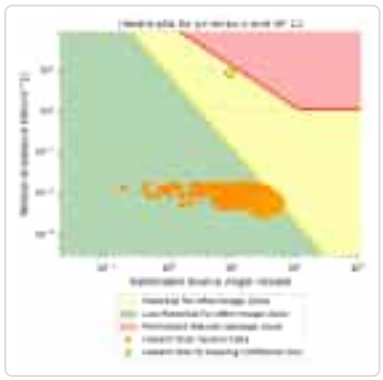
PV array 2: OP 13

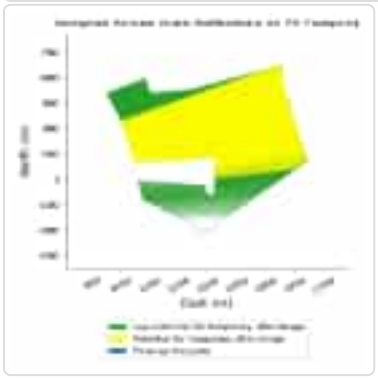
PV array is expected to produce the following glare for this receptor:

- 3,119 minutes of "green" glare with low potential to cause temporary after-image.
- 632 minutes of "yellow" glare with potential to cause temporary after-image.





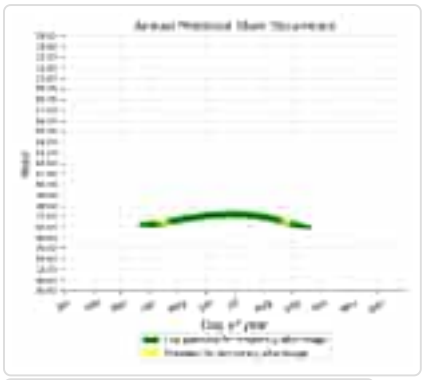


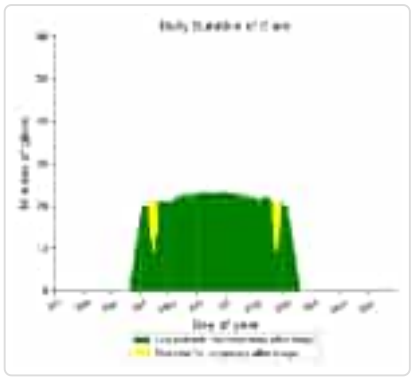


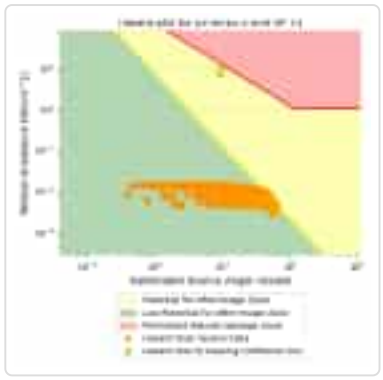
PV array 2: OP 14

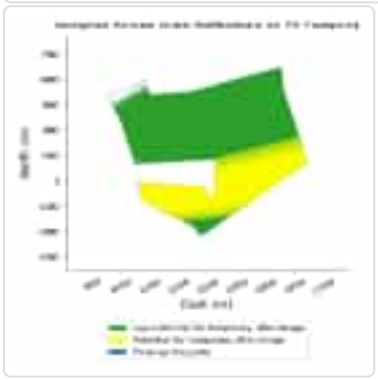
PV array is expected to produce the following glare for this receptor:

- 3,530 minutes of "green" glare with low potential to cause temporary after-image.
- 168 minutes of "yellow" glare with potential to cause temporary after-image.





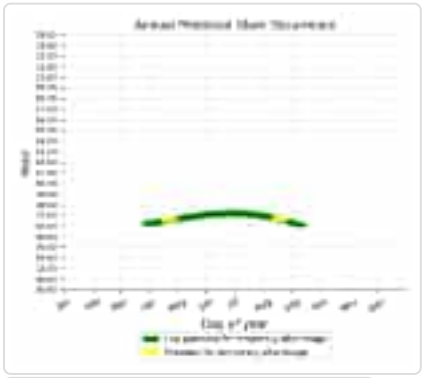


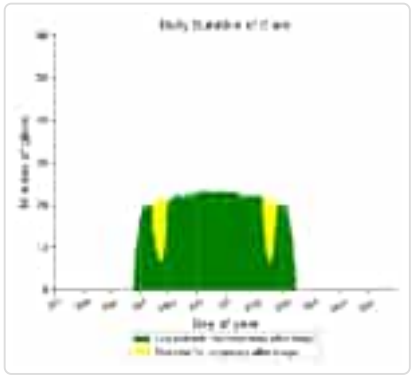


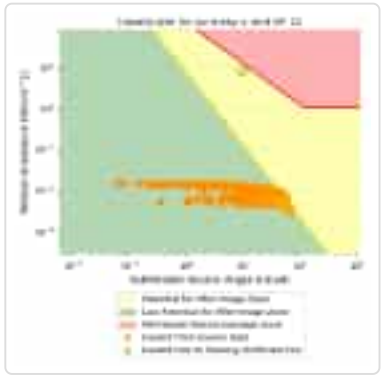
PV array 2: OP 15

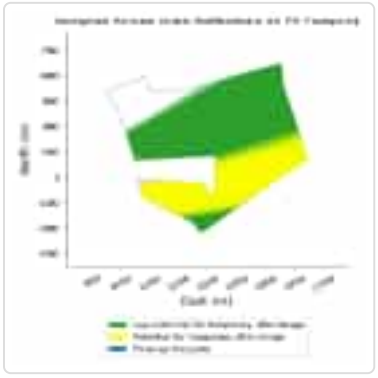
PV array is expected to produce the following glare for this receptor:

- 3,275 minutes of "green" glare with low potential to cause temporary after-image.
- 330 minutes of "yellow" glare with potential to cause temporary after-image.





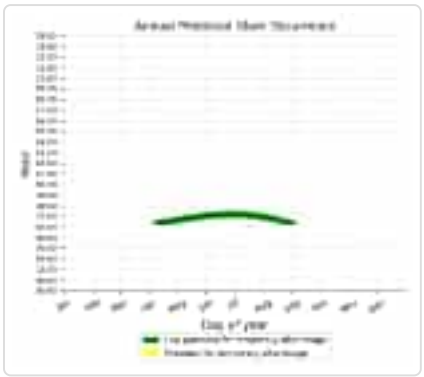


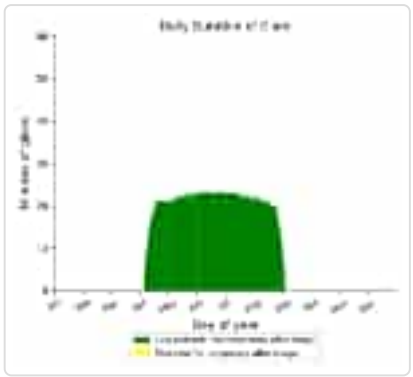


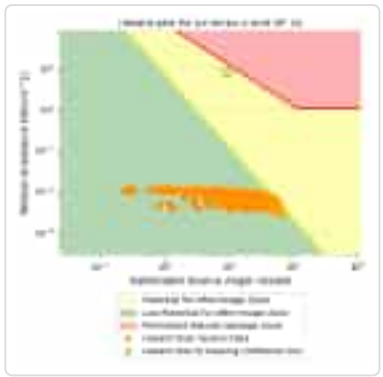
PV array 2: OP 16

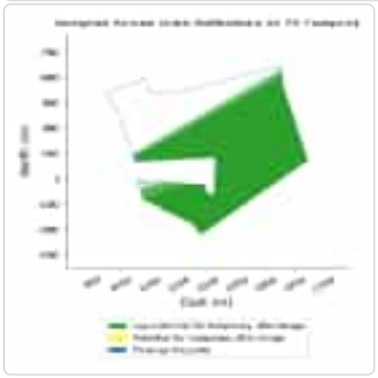
PV array is expected to produce the following glare for this receptor:

- 3,148 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





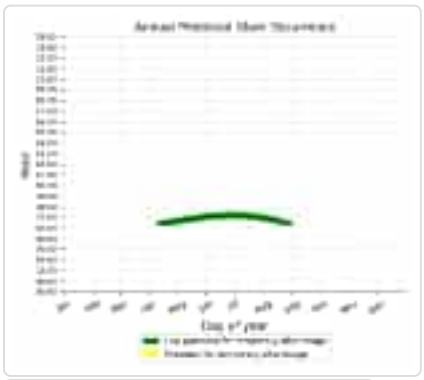


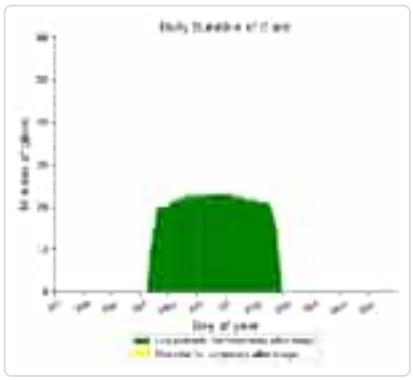


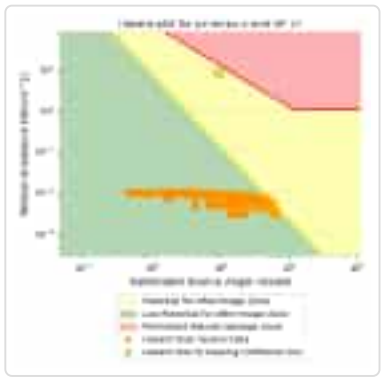
PV array 2: OP 17

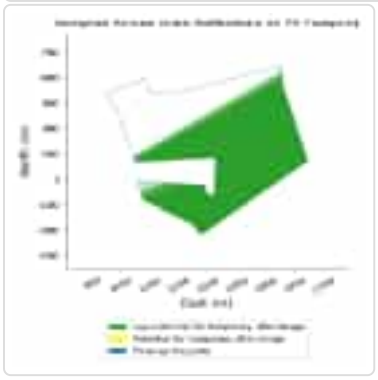
PV array is expected to produce the following glare for this receptor:

- 2,945 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





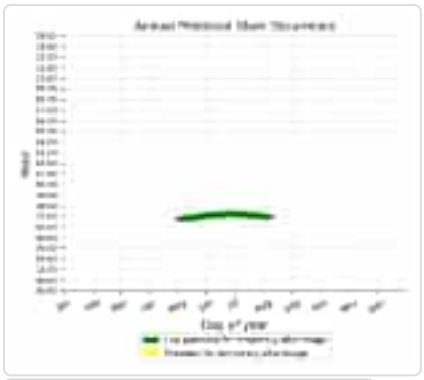


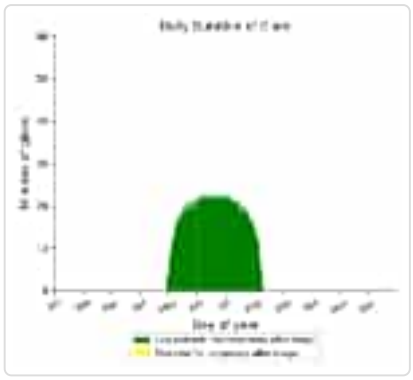


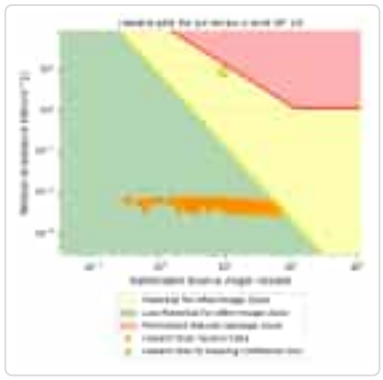
PV array 2: OP 18

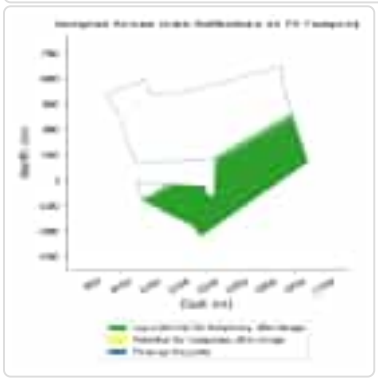
PV array is expected to produce the following glare for this receptor:

- 1,907 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





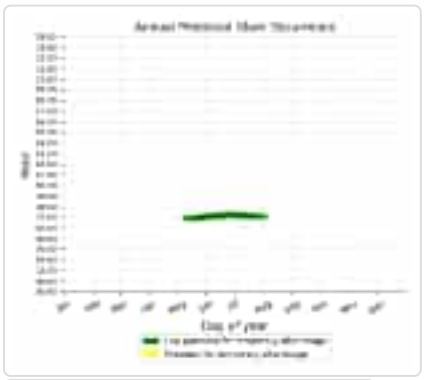


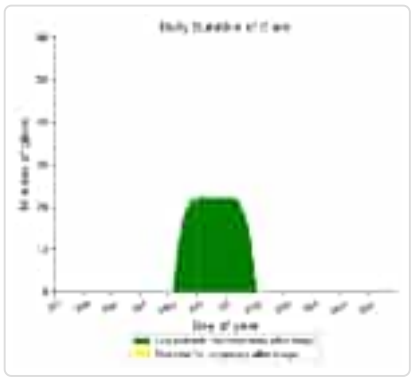


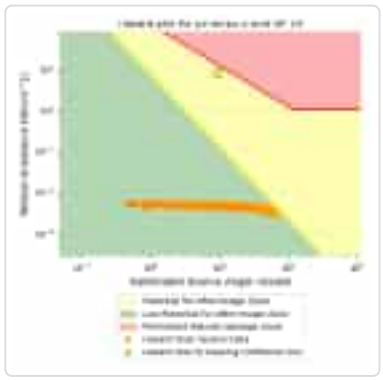
PV array 2: OP 19

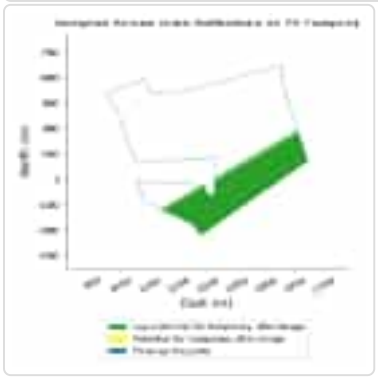
PV array is expected to produce the following glare for this receptor:

- 1,670 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





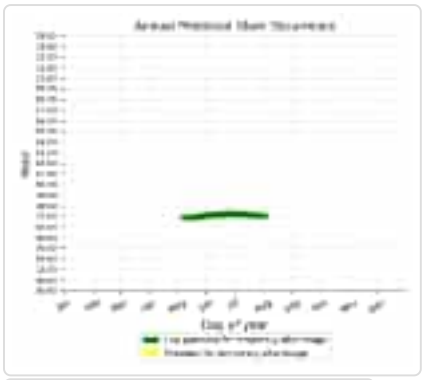


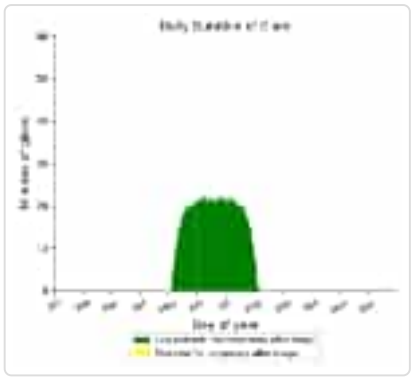


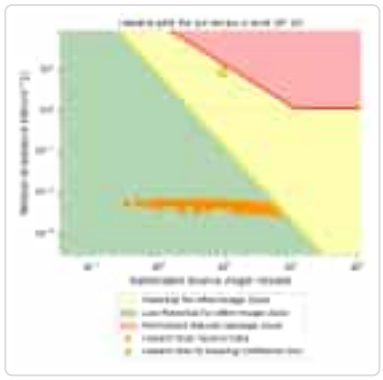
PV array 2: OP 20

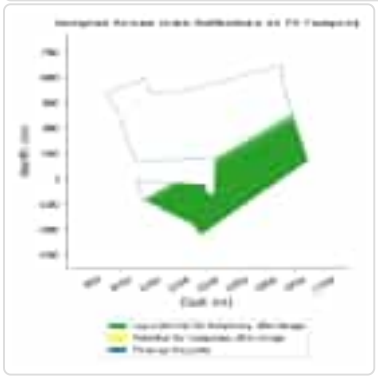
PV array is expected to produce the following glare for this receptor:

- 1,701 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





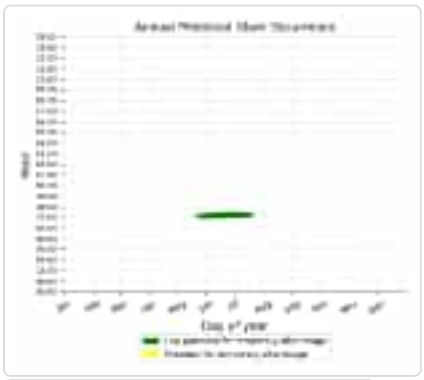


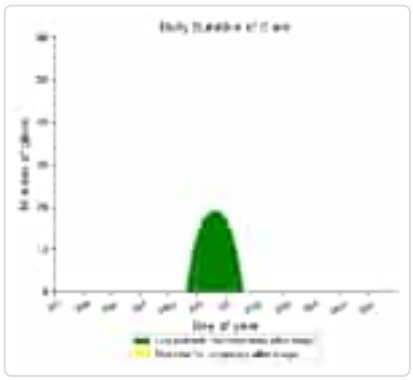


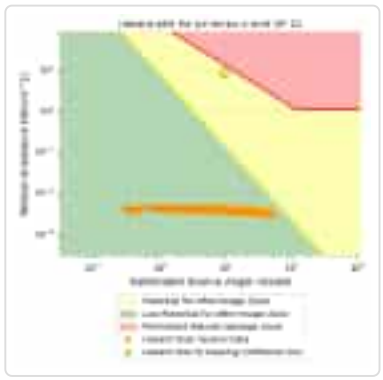
PV array 2: OP 21

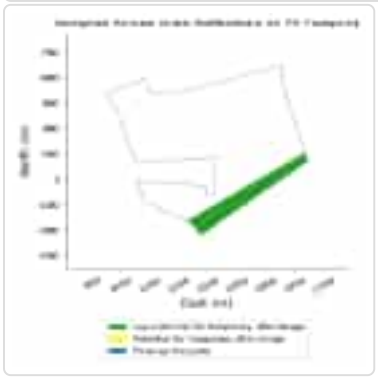
PV array is expected to produce the following glare for this receptor:

- 849 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





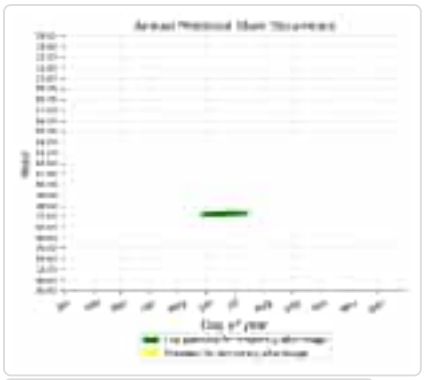


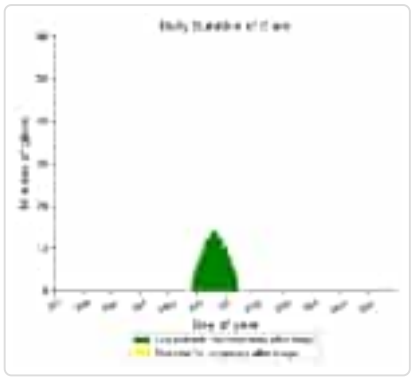


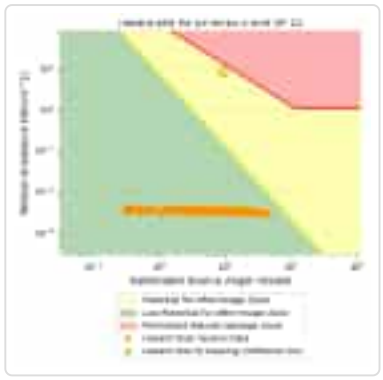
PV array 2: OP 22

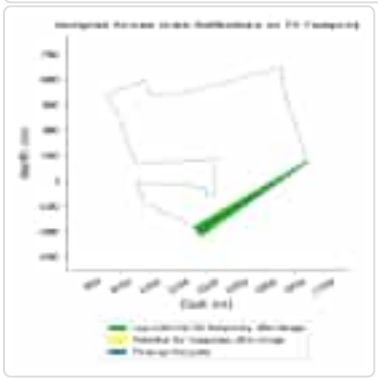
PV array is expected to produce the following glare for this receptor:

- 463 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





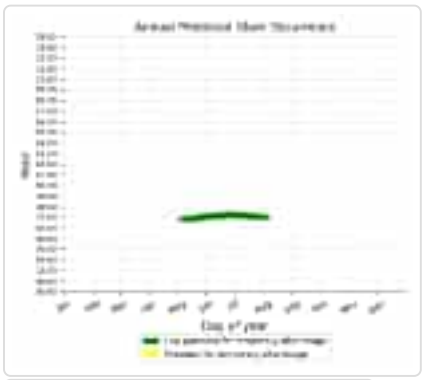


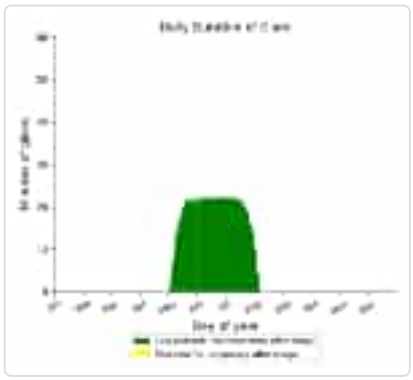


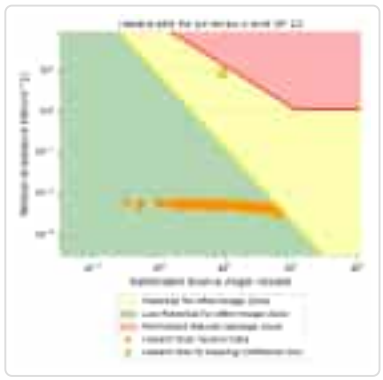
PV array 2: OP 23

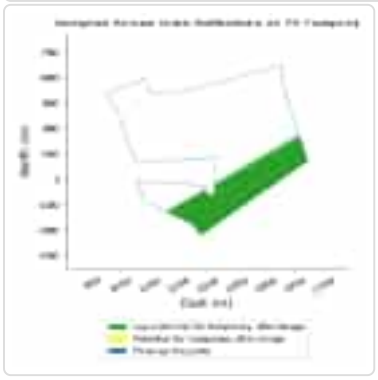
PV array is expected to produce the following glare for this receptor:

- 1,827 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





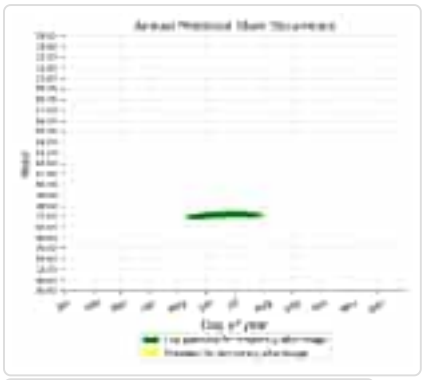


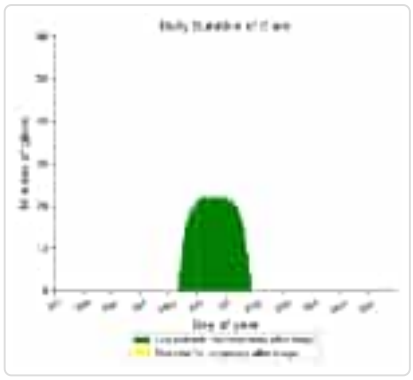


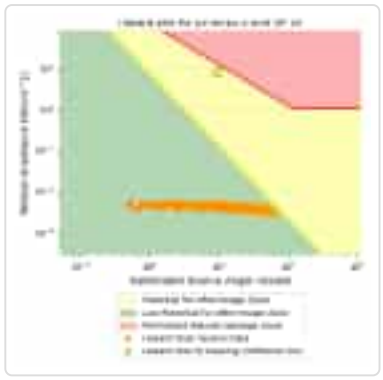
PV array 2: OP 24

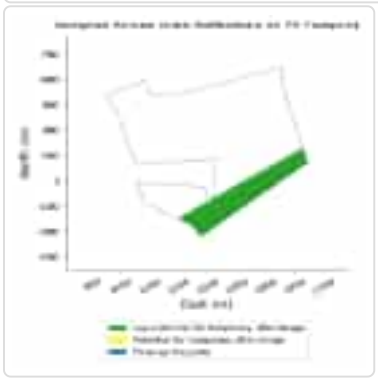
PV array is expected to produce the following glare for this receptor:

- 1,421 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 25

No glare found

PV array 2: OP 26

No glare found

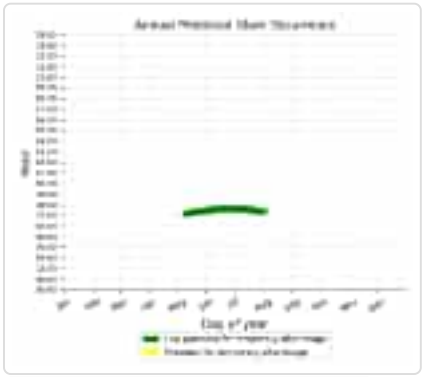
PV array 2: OP 27

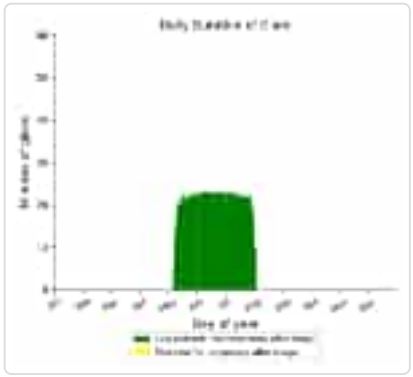
No glare found

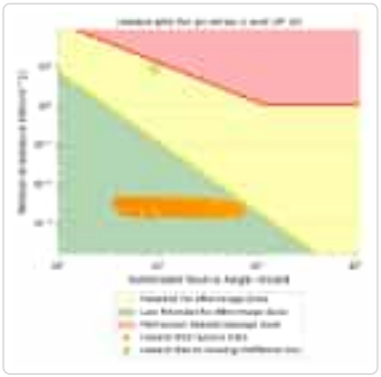
PV array 2: OP 28

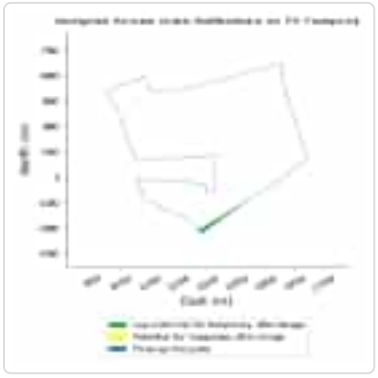
PV array is expected to produce the following glare for this receptor:

- 1,913 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 29

No glare found

PV array 2: OP 30

No glare found

PV array 2: OP 31

No glare found

PV array 2: OP 32

No glare found

PV array 2: OP 33

No glare found

PV array 2: OP 34

No glare found

PV array 2: OP 35

No glare found

PV array 2: OP 36

No glare found

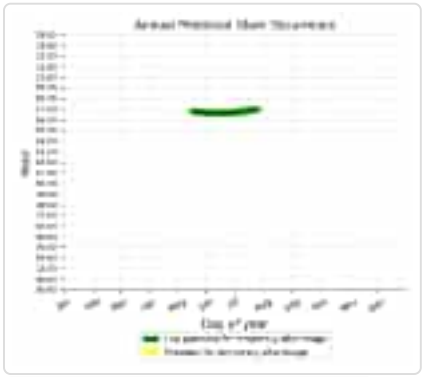
PV array 2: OP 37

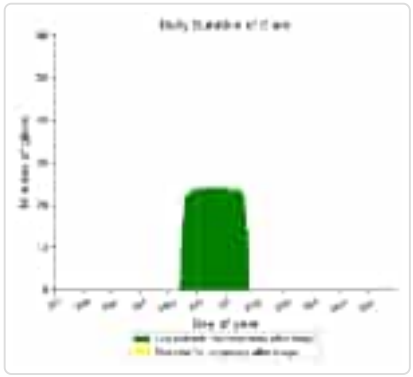
No glare found

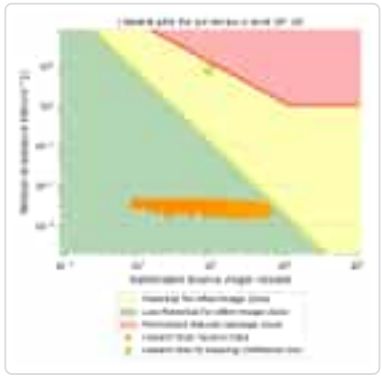
PV array 2: OP 38

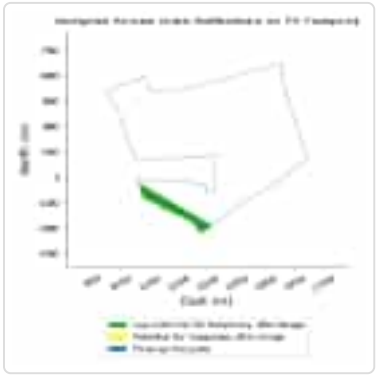
PV array is expected to produce the following glare for this receptor:

- 1,652 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





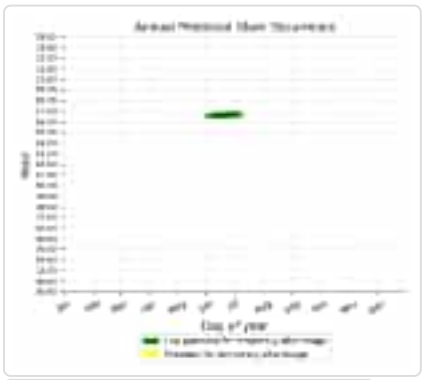


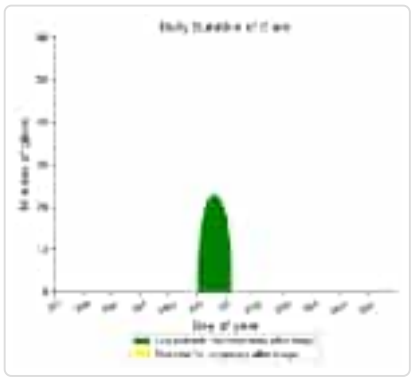


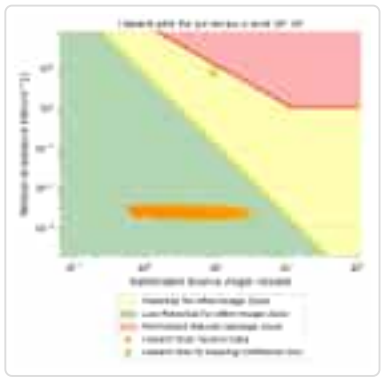
PV array 2: OP 39

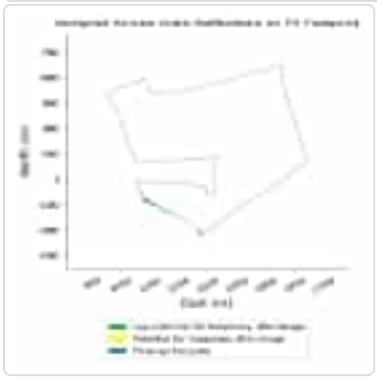
PV array is expected to produce the following glare for this receptor:

- 685 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 40

No glare found

PV array 2: OP 41

No glare found

PV array 2: OP 42

No glare found

PV array 2: OP 43

No glare found

PV array 2: OP 44

No glare found

PV array 2: OP 45

No glare found

PV array 2: OP 46

No glare found

PV array 2: OP 47

No glare found

PV array 2: OP 48

No glare found

PV array 2: OP 49

No glare found

PV array 2: OP 50

No glare found

PV array 2: OP 51

No glare found

PV array 2: OP 52

No glare found

PV array 2: OP 53

No glare found

PV array 2: OP 54

No glare found

PV array 2: OP 55

No glare found

PV array 2: OP 56

No glare found

PV array 2: OP 57

No glare found

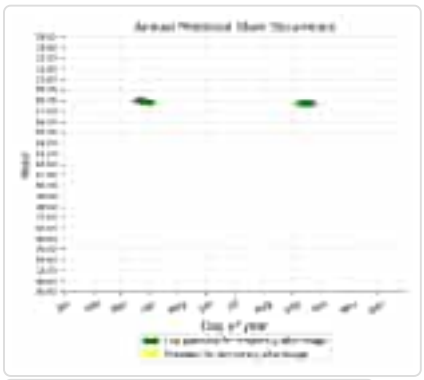
PV array 2: OP 58

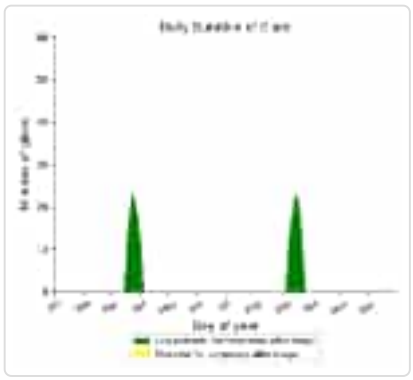
No glare found

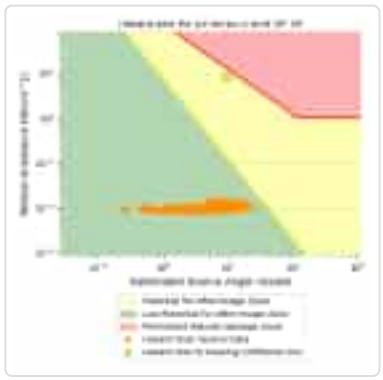
PV array 2: OP 59

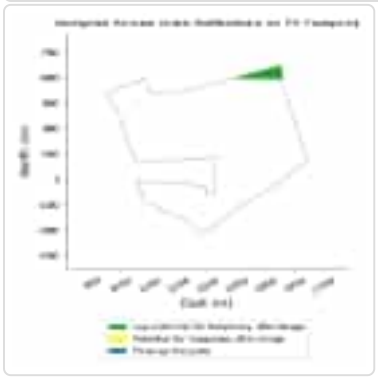
PV array is expected to produce the following glare for this receptor:

- 639 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





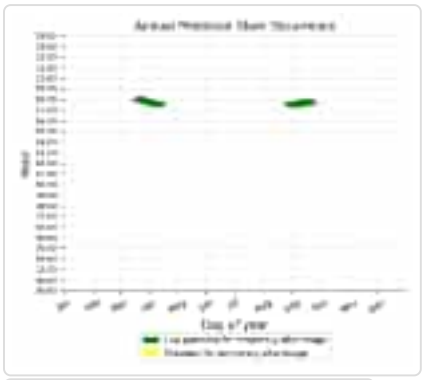


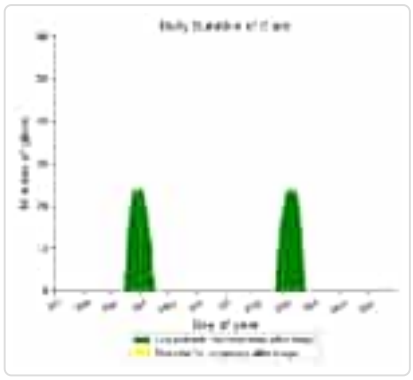


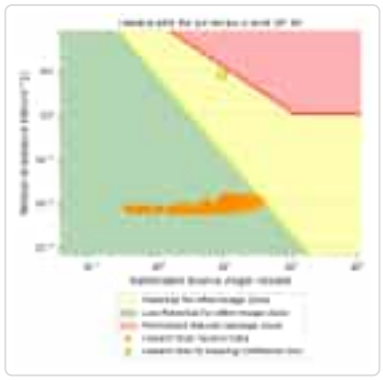
PV array 2: OP 60

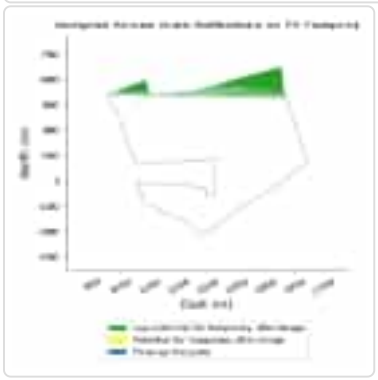
PV array is expected to produce the following glare for this receptor:

- 1,162 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





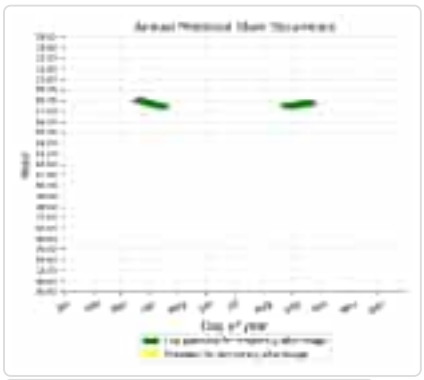


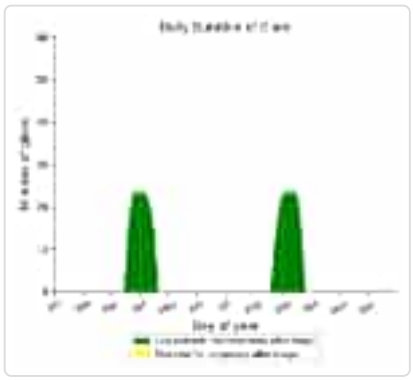


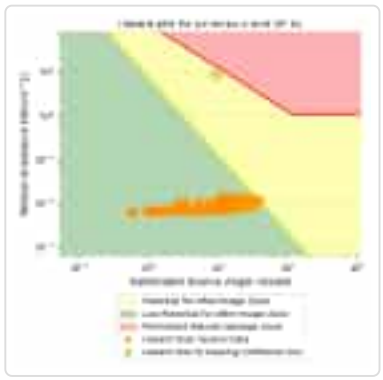
PV array 2: OP 61

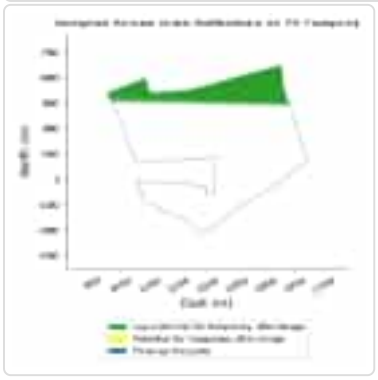
PV array is expected to produce the following glare for this receptor:

- 1,347 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





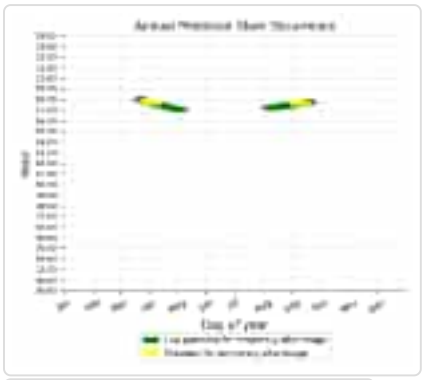


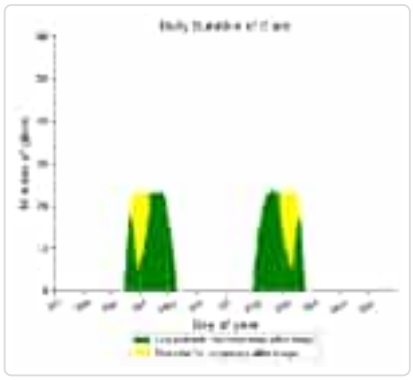


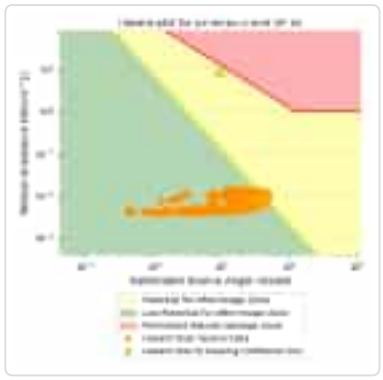
PV array 2: OP 62

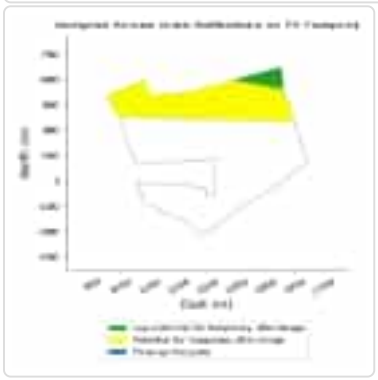
PV array is expected to produce the following glare for this receptor:

- 1,685 minutes of "green" glare with low potential to cause temporary after-image.
- 494 minutes of "yellow" glare with potential to cause temporary after-image.





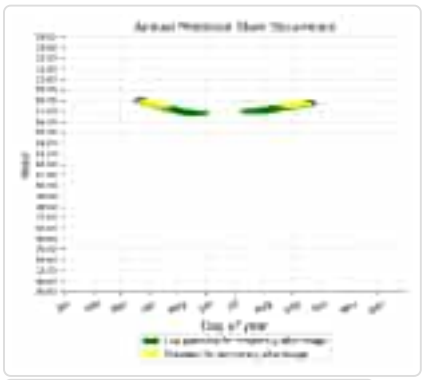


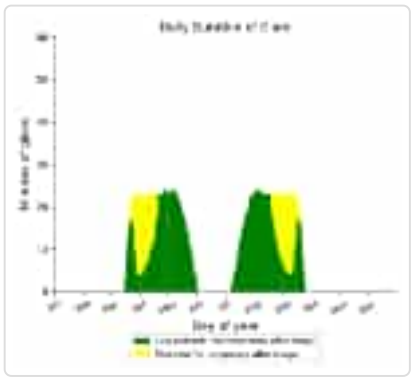


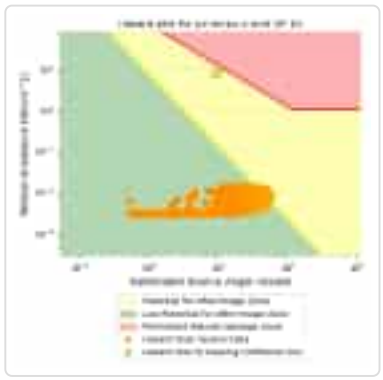
PV array 2: OP 63

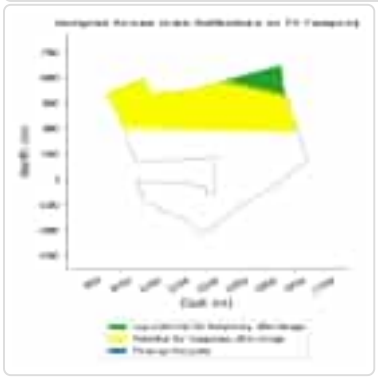
PV array is expected to produce the following glare for this receptor:

- 2,250 minutes of "green" glare with low potential to cause temporary after-image.
- 806 minutes of "yellow" glare with potential to cause temporary after-image.





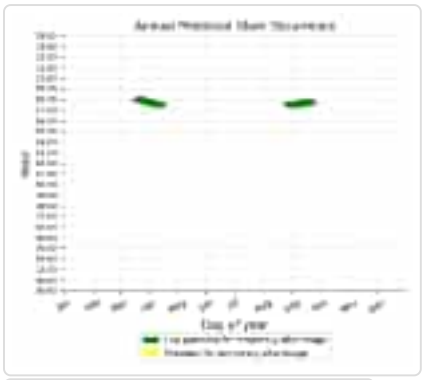


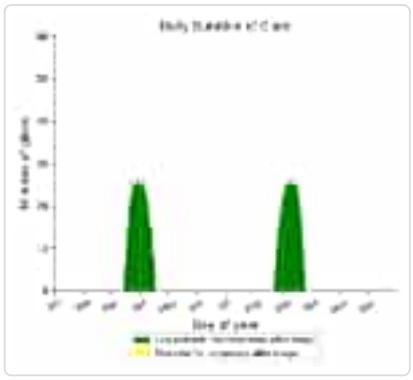


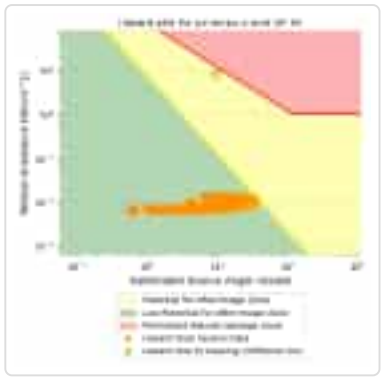
PV array 2: OP 64

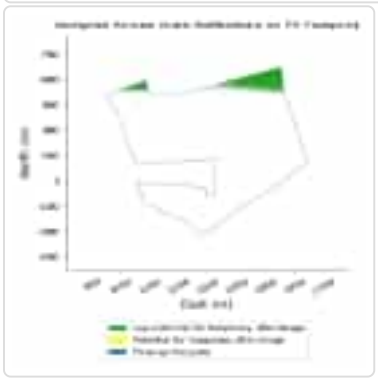
PV array is expected to produce the following glare for this receptor:

- 1,311 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





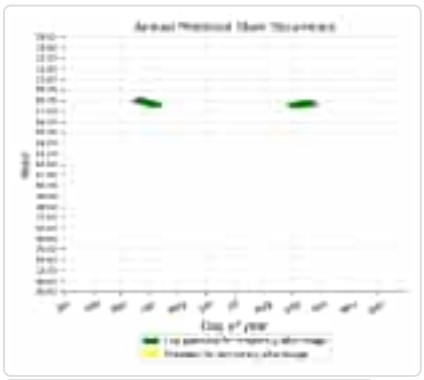


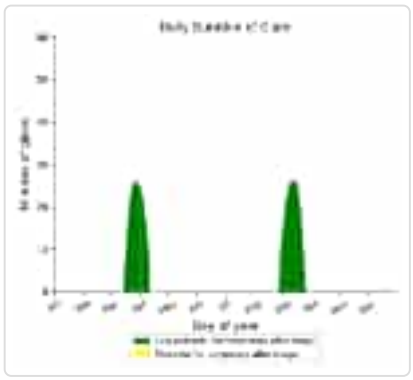


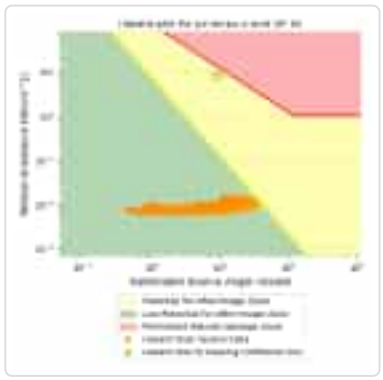
PV array 2: OP 65

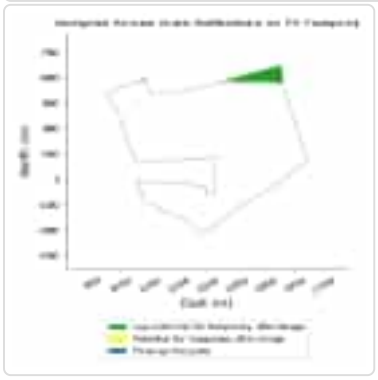
PV array is expected to produce the following glare for this receptor:

- 1,110 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





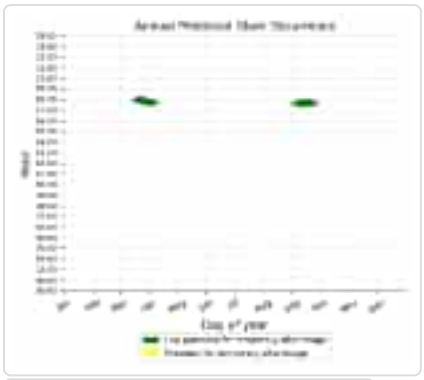


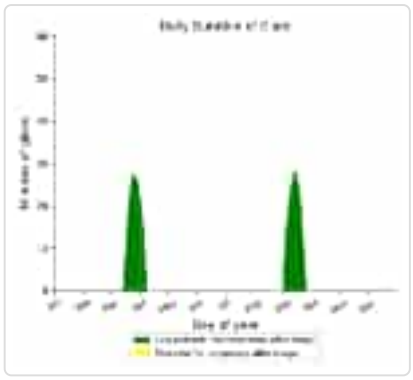


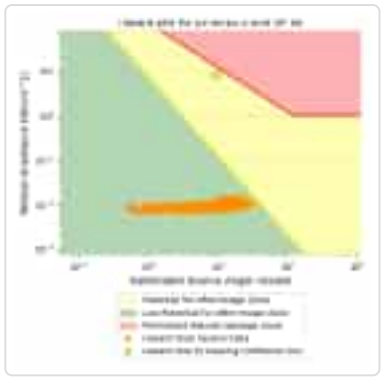
PV array 2: OP 66

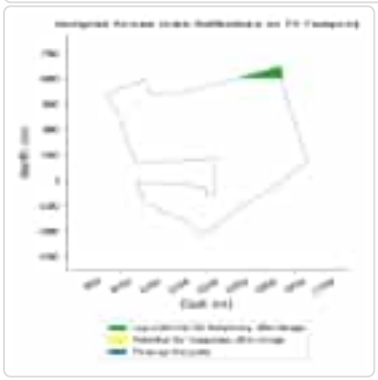
PV array is expected to produce the following glare for this receptor:

- 975 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





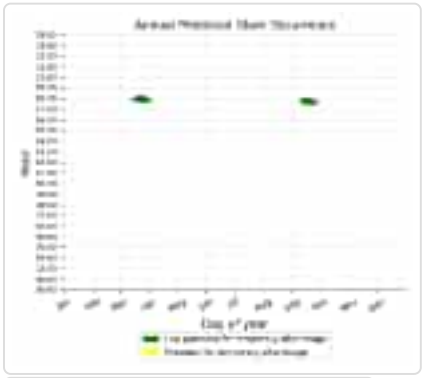


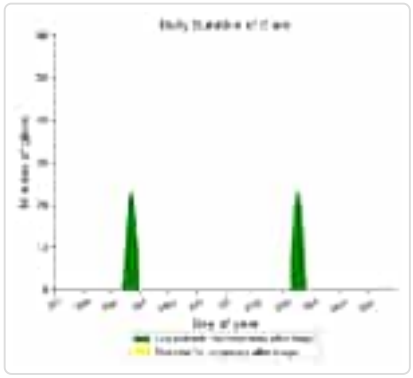


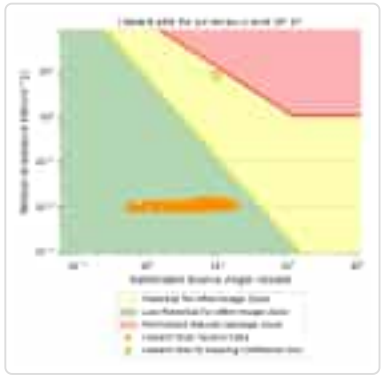
PV array 2: OP 67

PV array is expected to produce the following glare for this receptor:

- 557 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 2: OP 68

No glare found

PV array 2: OP 69

No glare found

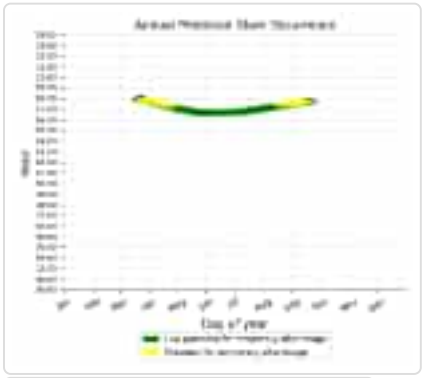
PV array 2: OP 70

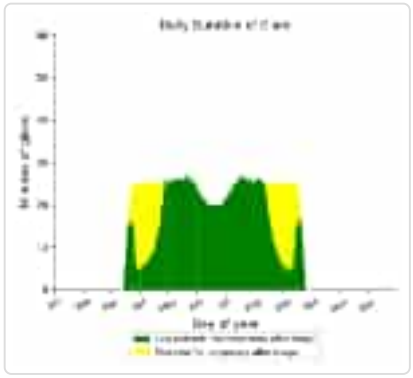
No glare found

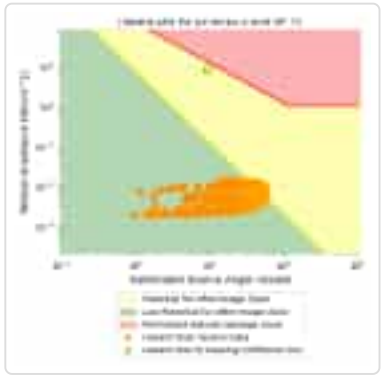
PV array 2: OP 71

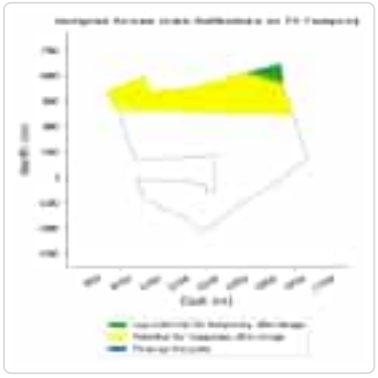
PV array is expected to produce the following glare for this receptor:

- 3,523 minutes of "green" glare with low potential to cause temporary after-image.
- 1,095 minutes of "yellow" glare with potential to cause temporary after-image.





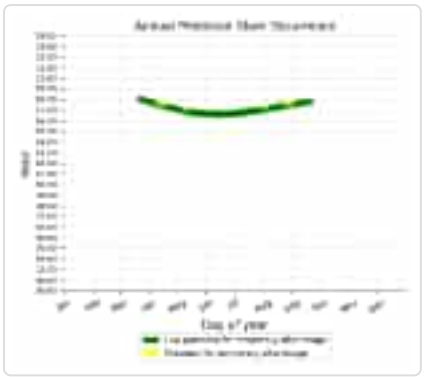


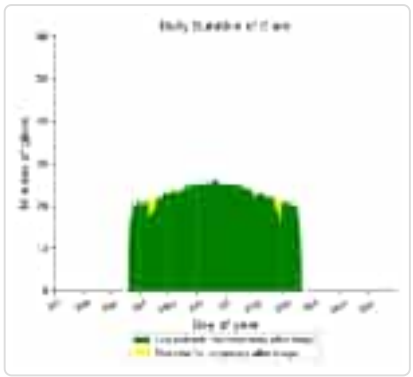


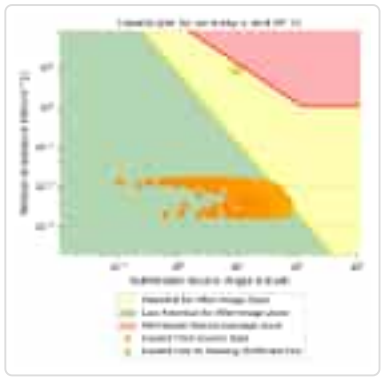
PV array 2: OP 72

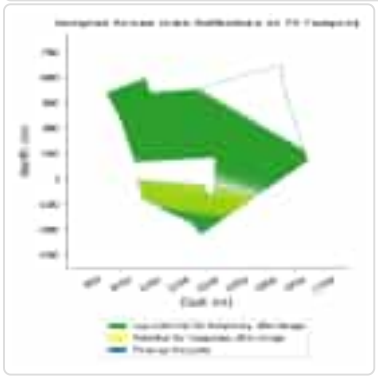
PV array is expected to produce the following glare for this receptor:

- 4,169 minutes of "green" glare with low potential to cause temporary after-image.
- 58 minutes of "yellow" glare with potential to cause temporary after-image.





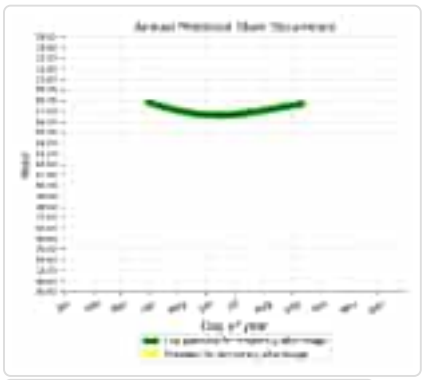


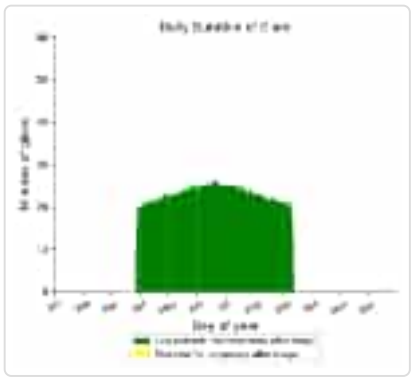


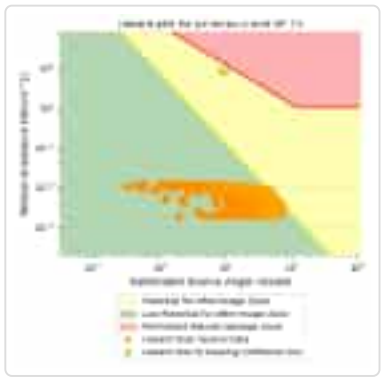
PV array 2: OP 73

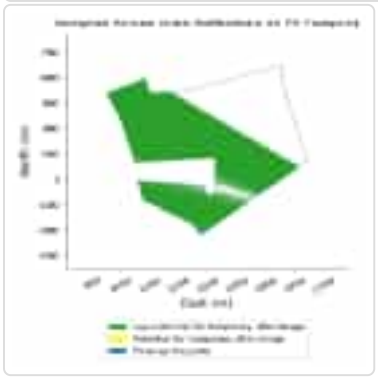
PV array is expected to produce the following glare for this receptor:

- 3,884 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





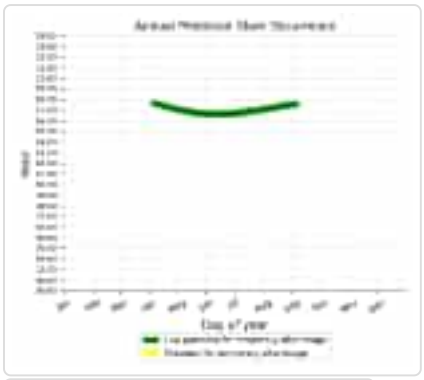


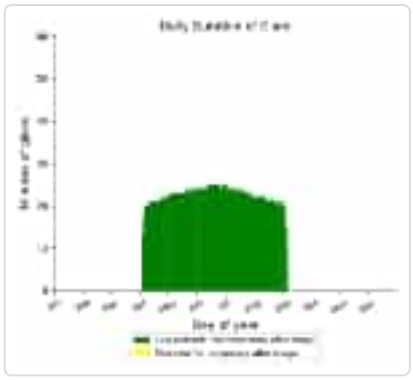


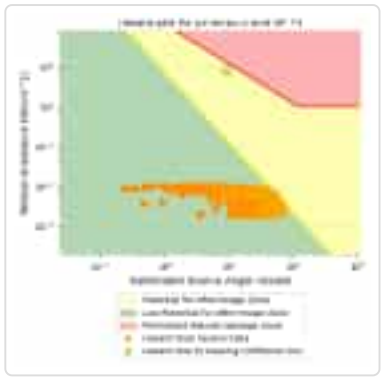
PV array 2: OP 74

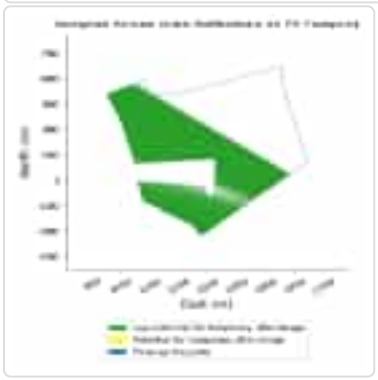
PV array is expected to produce the following glare for this receptor:

- 3,520 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





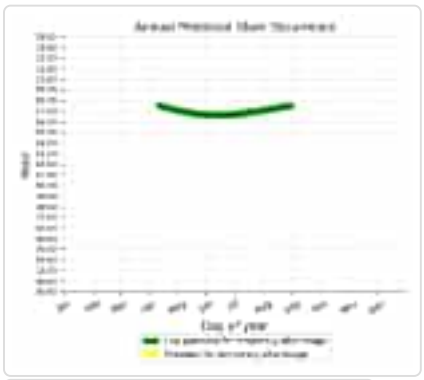


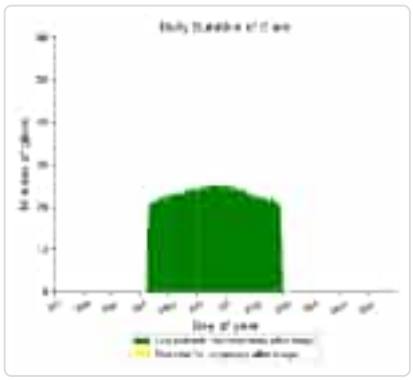


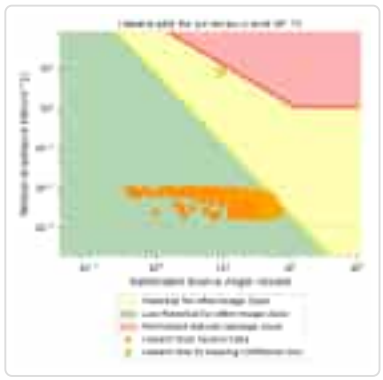
PV array 2: OP 75

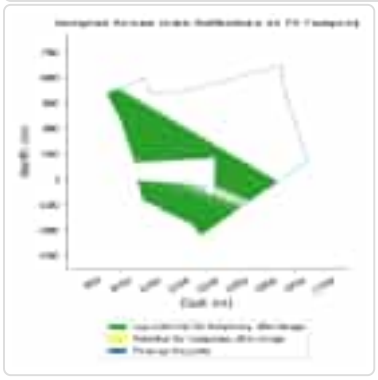
PV array is expected to produce the following glare for this receptor:

- 3,330 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





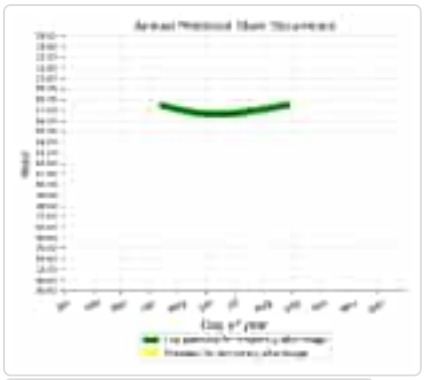


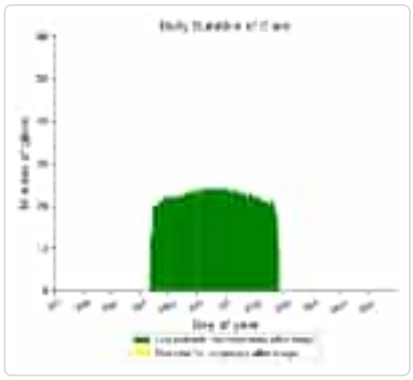


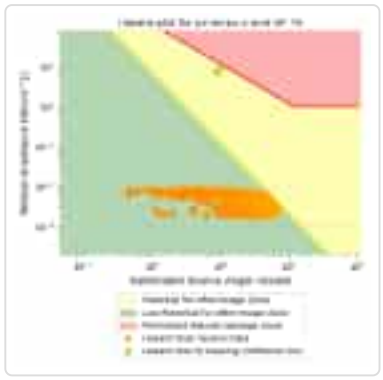
PV array 2: OP 76

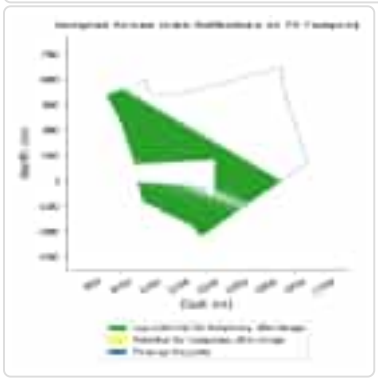
PV array is expected to produce the following glare for this receptor:

- 3,070 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





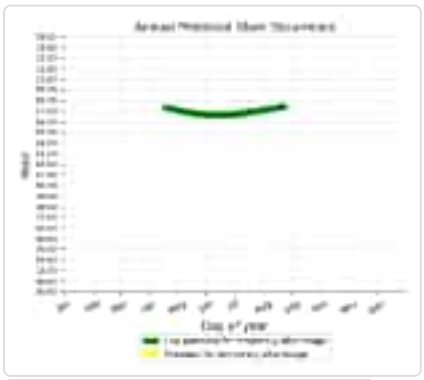


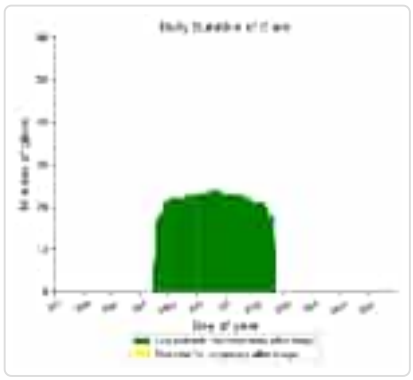


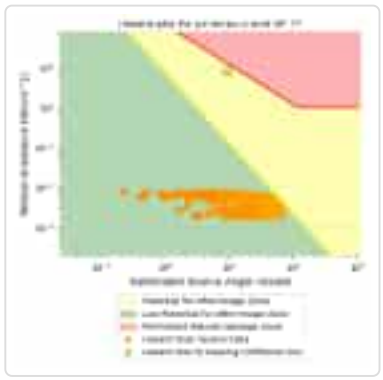
PV array 2: OP 77

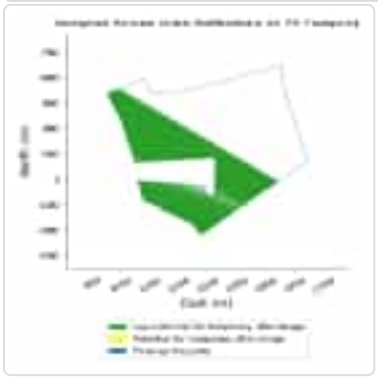
PV array is expected to produce the following glare for this receptor:

- 2,824 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





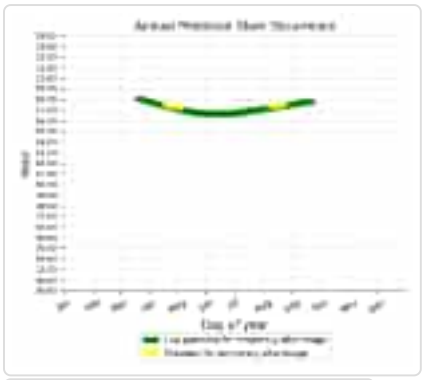


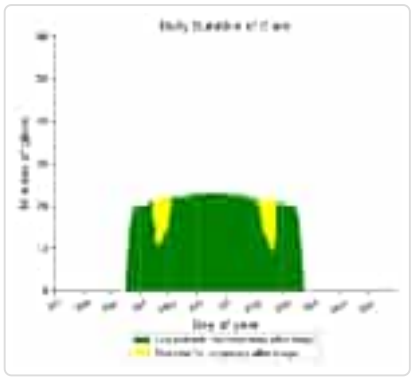


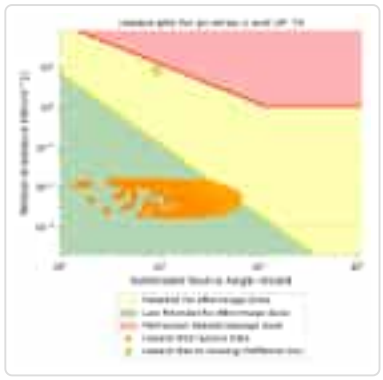
PV array 2: OP 78

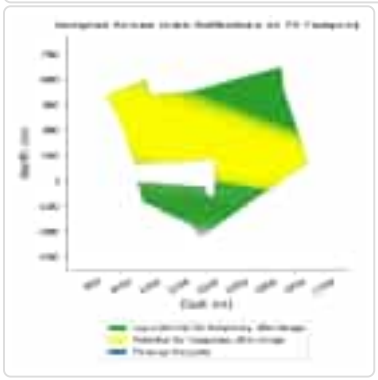
PV array is expected to produce the following glare for this receptor:

- 3,669 minutes of "green" glare with low potential to cause temporary after-image.
- 324 minutes of "yellow" glare with potential to cause temporary after-image.





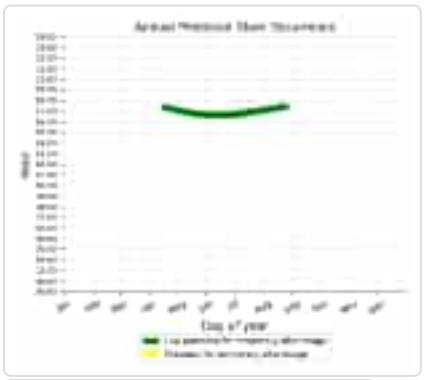


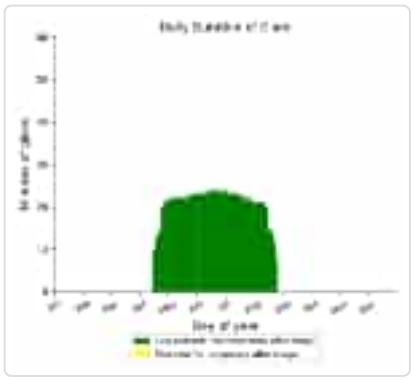


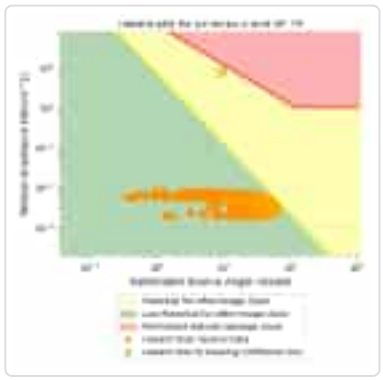
PV array 2: OP 79

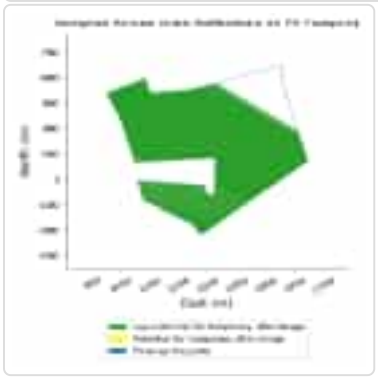
PV array is expected to produce the following glare for this receptor:

- 2,811 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





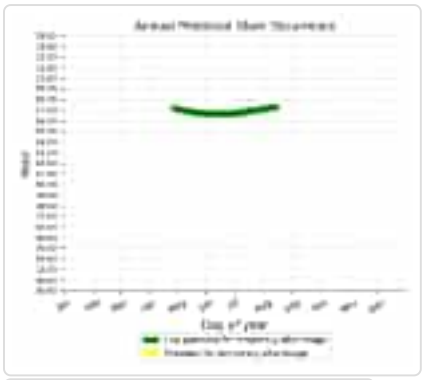


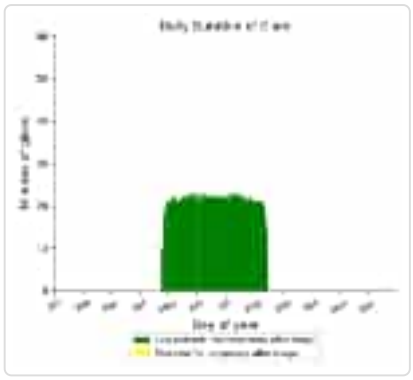


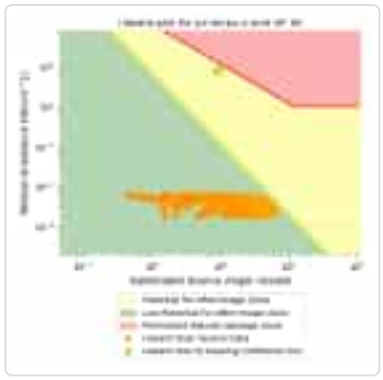
PV array 2: OP 80

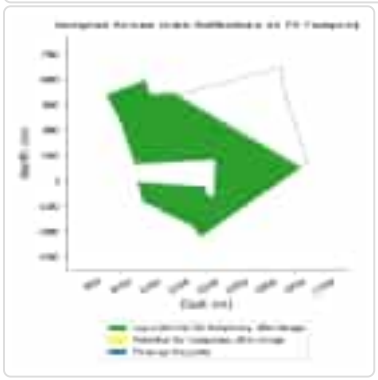
PV array is expected to produce the following glare for this receptor:

- 2,440 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)

OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	135	0
OP: OP 9	0	0
OP: OP 10	68	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	624	0
OP: OP 19	0	0
OP: OP 20	1407	345
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	490	10
OP: OP 24	630	26
OP: OP 25	1509	109
OP: OP 26	2065	218
OP: OP 27	2057	669
OP: OP 28	0	0
OP: OP 29	2514	2355
OP: OP 30	3060	375
OP: OP 31	3001	368
OP: OP 32	2940	463
OP: OP 33	3018	283
OP: OP 34	3071	398
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	256	0
OP: OP 39	1135	0
OP: OP 40	1513	678
OP: OP 41	2444	1048
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0

OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	105	0
OP: OP 76	359	0
OP: OP 77	641	0
OP: OP 78	0	0
OP: OP 79	825	0
OP: OP 80	1310	0

PV array 3: OP 1

No glare found

PV array 3: OP 2

No glare found

PV array 3: OP 3

No glare found

PV array 3: OP 4

No glare found

PV array 3: OP 5

No glare found

PV array 3: OP 6

No glare found

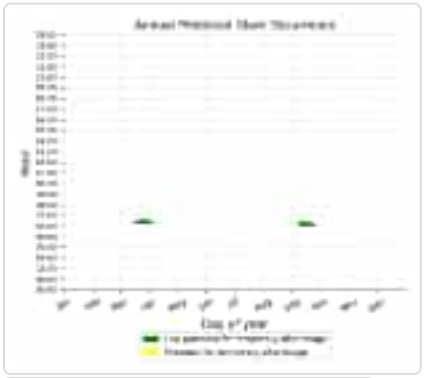
PV array 3: OP 7

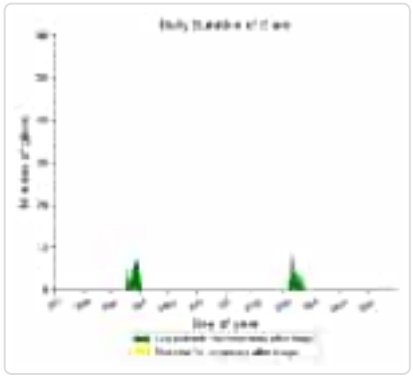
No glare found

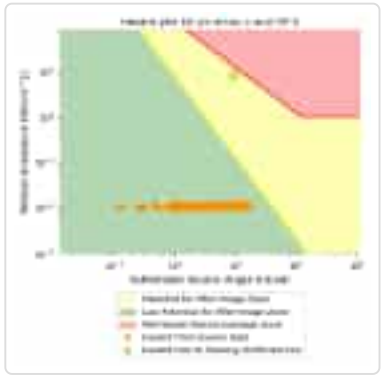
PV array 3: OP 8

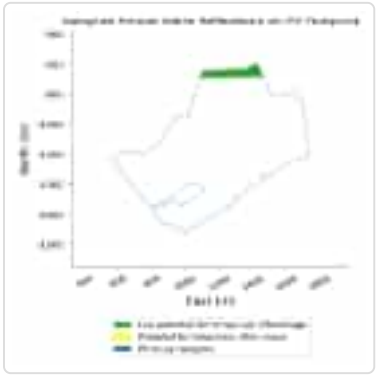
PV array is expected to produce the following glare for this receptor:

- 135 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









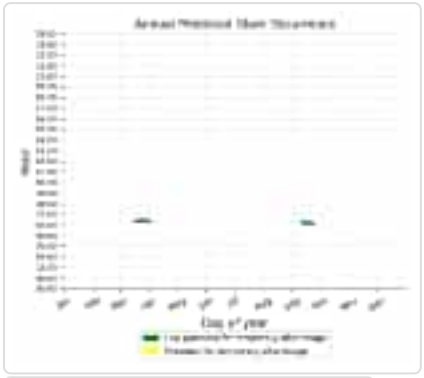
PV array 3: OP 9

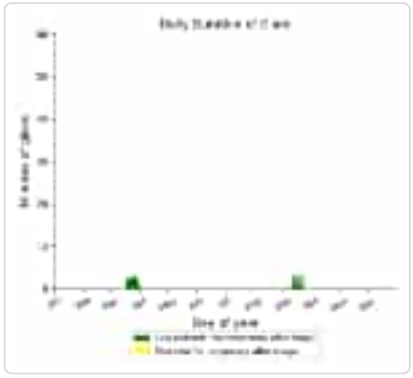
No glare found

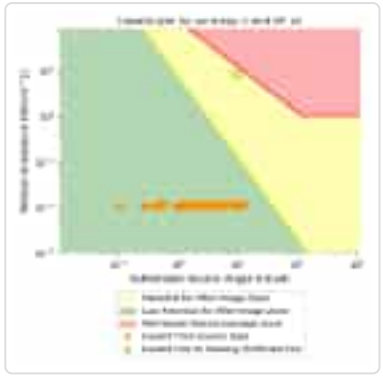
PV array 3: OP 10

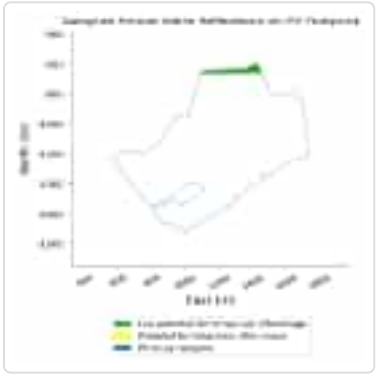
PV array is expected to produce the following glare for this receptor:

- 68 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 11

No glare found

PV array 3: OP 12

No glare found

PV array 3: OP 13

No glare found

PV array 3: OP 14

No glare found

PV array 3: OP 15

No glare found

PV array 3: OP 16

No glare found

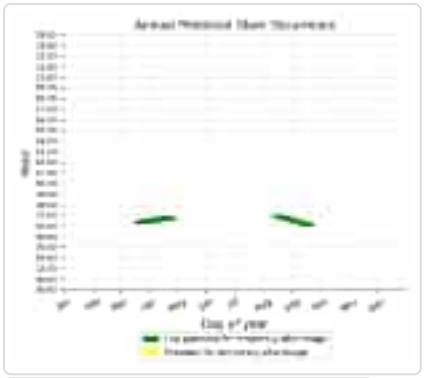
PV array 3: OP 17

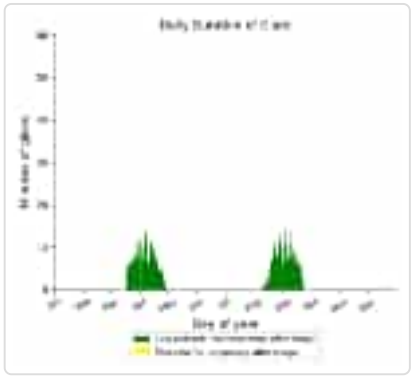
No glare found

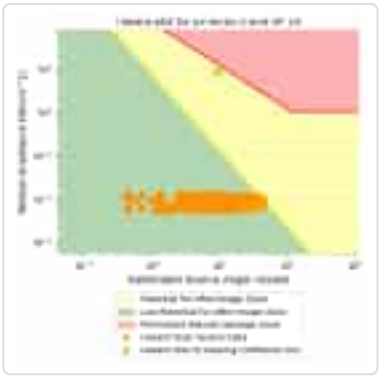
PV array 3: OP 18

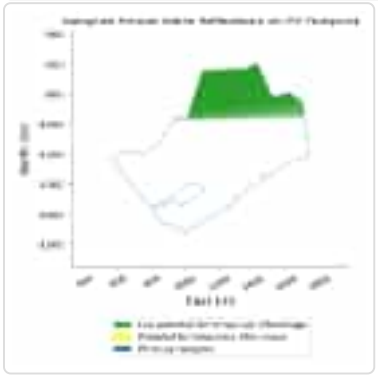
PV array is expected to produce the following glare for this receptor:

- 624 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









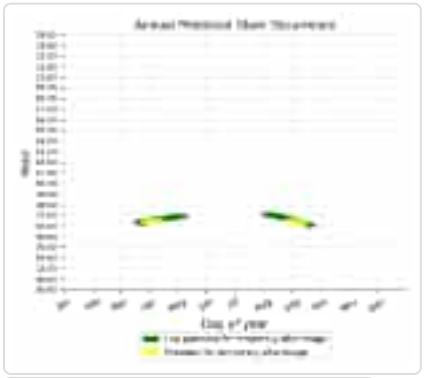
PV array 3: OP 19

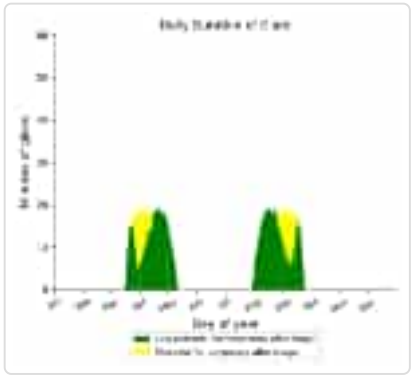
No glare found

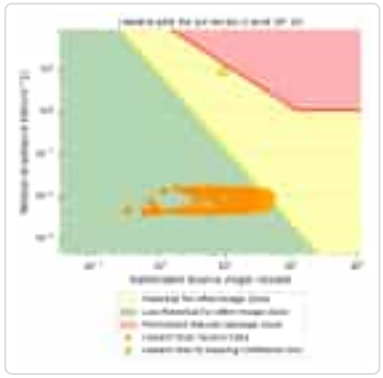
PV array 3: OP 20

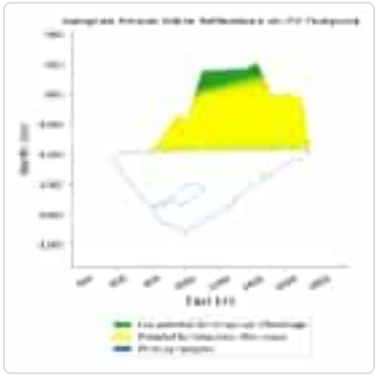
PV array is expected to produce the following glare for this receptor:

- 1,407 minutes of "green" glare with low potential to cause temporary after-image.
- 345 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 21

No glare found

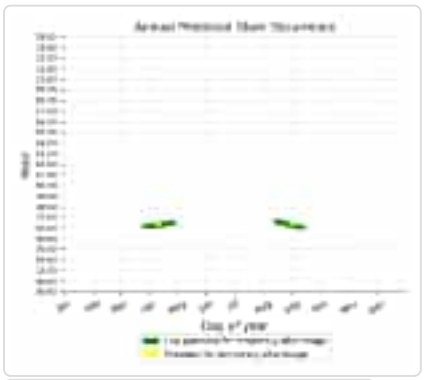
PV array 3: OP 22

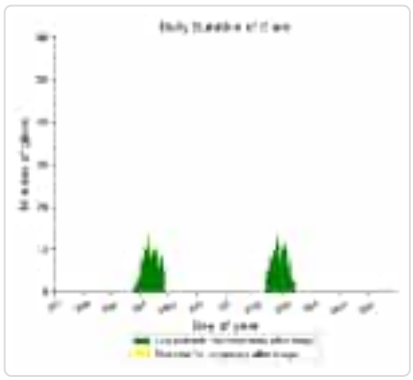
No glare found

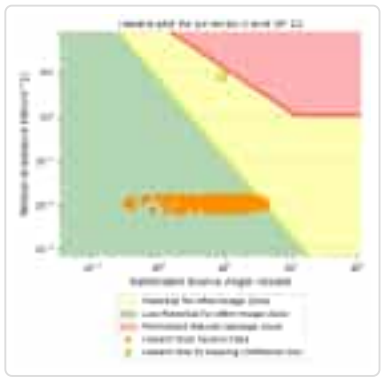
PV array 3: OP 23

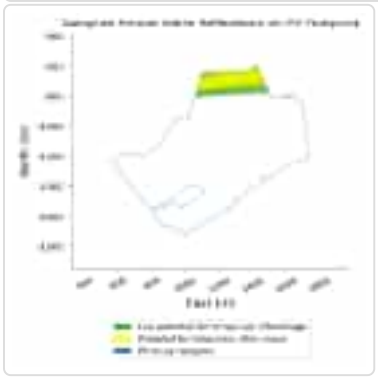
PV array is expected to produce the following glare for this receptor:

- 490 minutes of "green" glare with low potential to cause temporary after-image.
- 10 minutes of "yellow" glare with potential to cause temporary after-image.





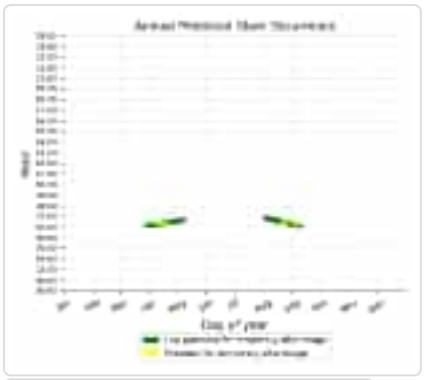


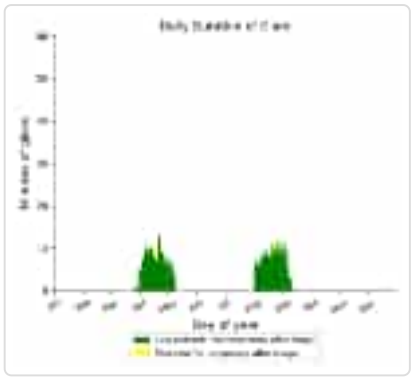


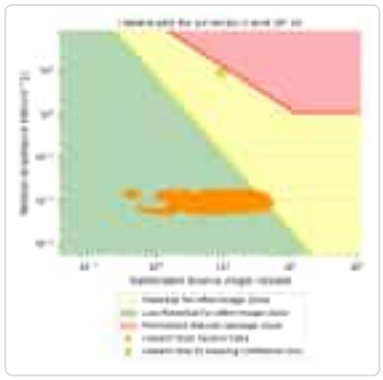
PV array 3: OP 24

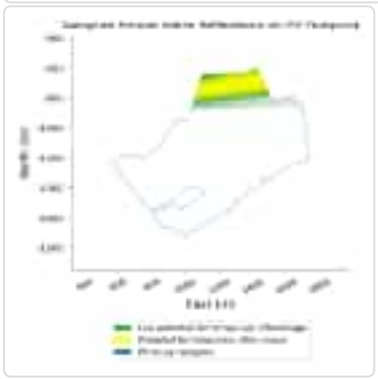
PV array is expected to produce the following glare for this receptor:

- 630 minutes of "green" glare with low potential to cause temporary after-image.
- 26 minutes of "yellow" glare with potential to cause temporary after-image.





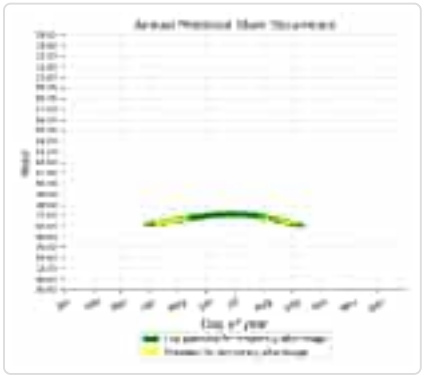


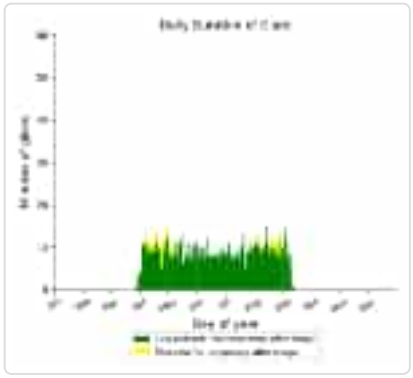


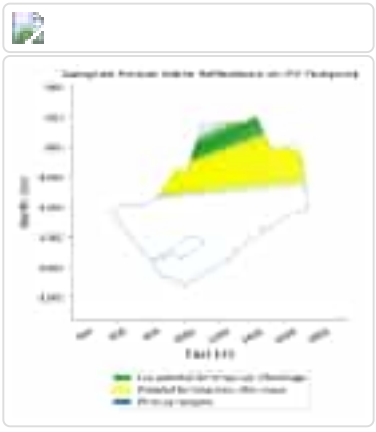
PV array 3: OP 25

PV array is expected to produce the following glare for this receptor:

- 1,509 minutes of "green" glare with low potential to cause temporary after-image.
- 109 minutes of "yellow" glare with potential to cause temporary after-image.



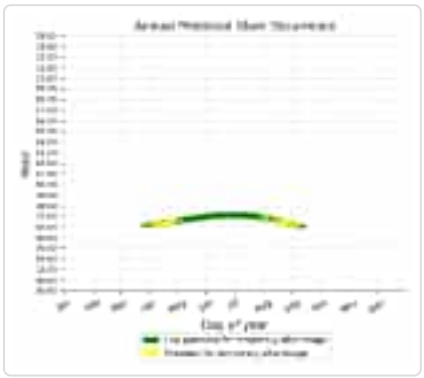


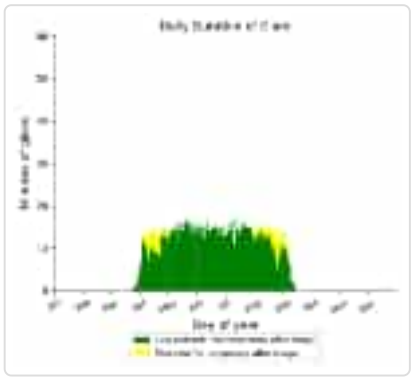


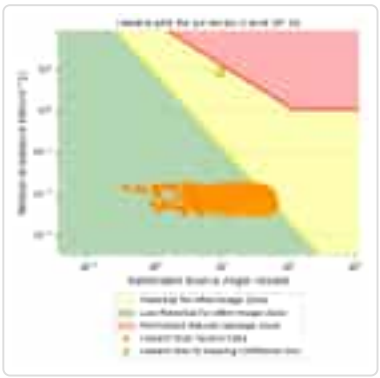
PV array 3: OP 26

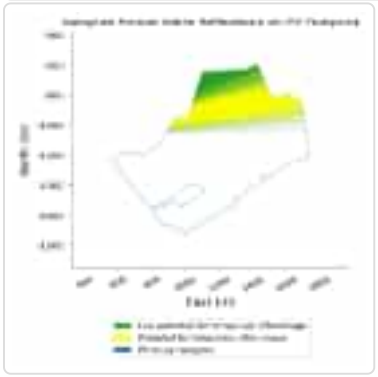
PV array is expected to produce the following glare for this receptor:

- 2,065 minutes of "green" glare with low potential to cause temporary after-image.
- 218 minutes of "yellow" glare with potential to cause temporary after-image.





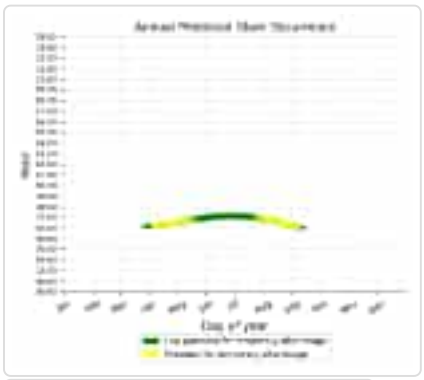
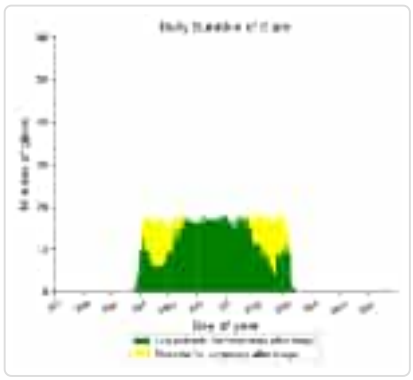
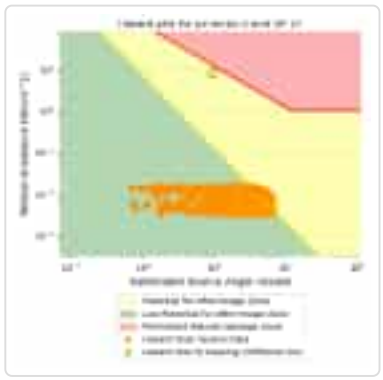
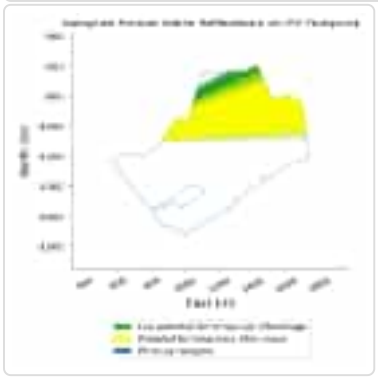




PV array 3: OP 27

PV array is expected to produce the following glare for this receptor:

- 2,057 minutes of "green" glare with low potential to cause temporary after-image.
- 669 minutes of "yellow" glare with potential to cause temporary after-image.

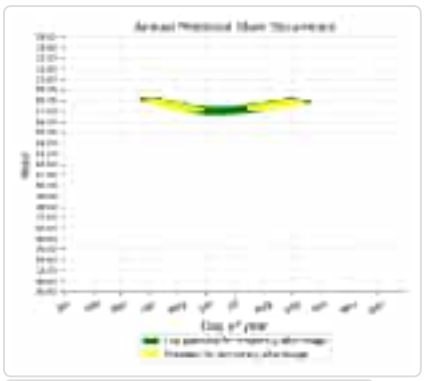
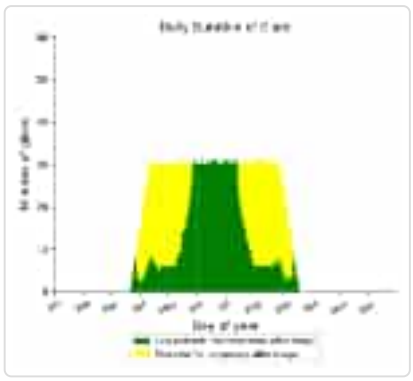
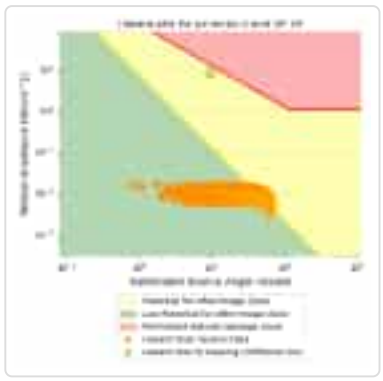
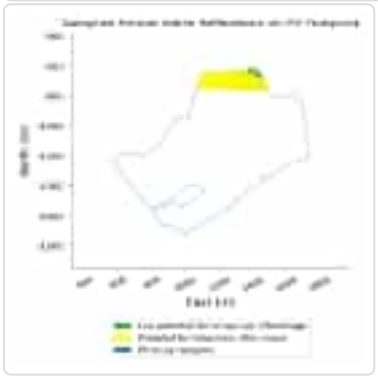
PV array 3: OP 28

No glare found

PV array 3: OP 29

PV array is expected to produce the following glare for this receptor:

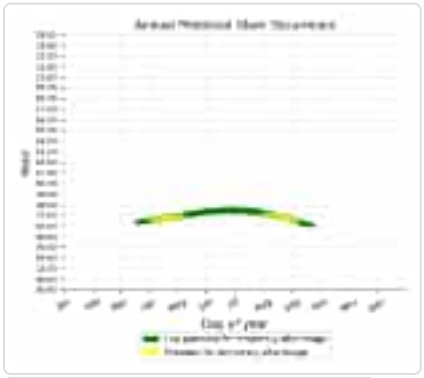
- 2,514 minutes of "green" glare with low potential to cause temporary after-image.
- 2,355 minutes of "yellow" glare with potential to cause temporary after-image.

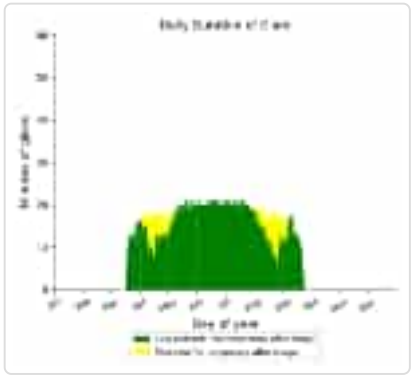





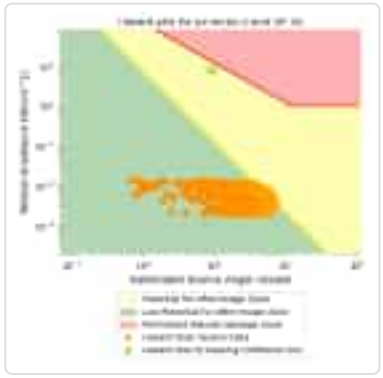
PV array 3: OP 30

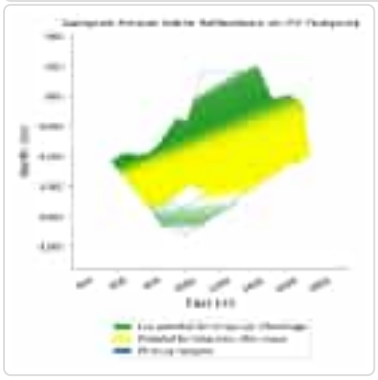
PV array is expected to produce the following glare for this receptor:

- 3,060 minutes of "green" glare with low potential to cause temporary after-image.
- 375 minutes of "yellow" glare with potential to cause temporary after-image.





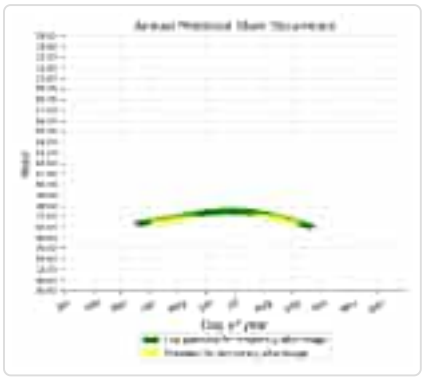


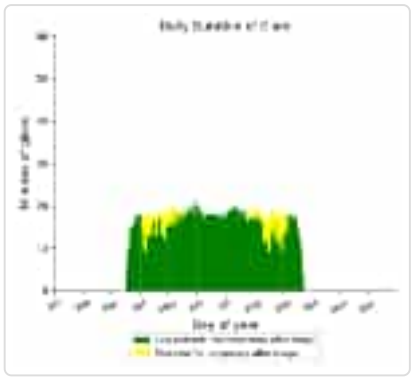


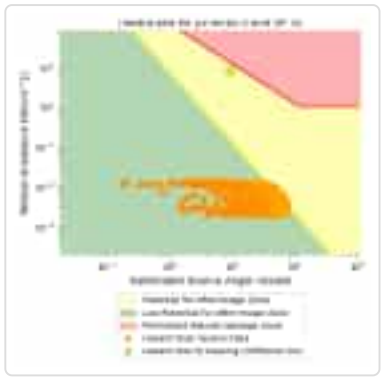
PV array 3: OP 31

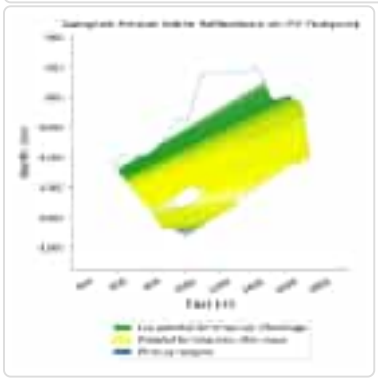
PV array is expected to produce the following glare for this receptor:

- 3,001 minutes of "green" glare with low potential to cause temporary after-image.
- 368 minutes of "yellow" glare with potential to cause temporary after-image.





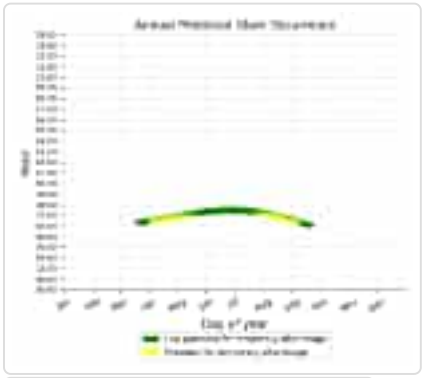


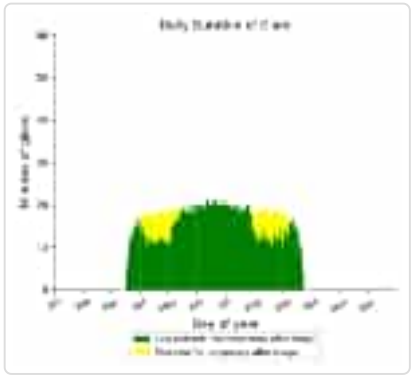


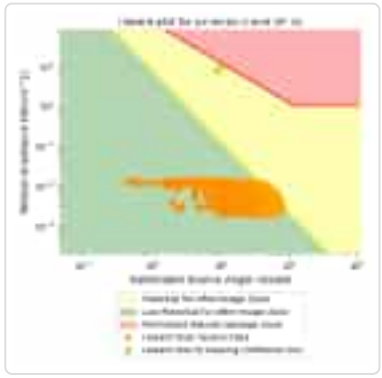
PV array 3: OP 32

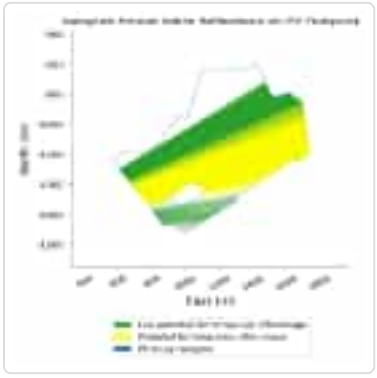
PV array is expected to produce the following glare for this receptor:

- 2,940 minutes of "green" glare with low potential to cause temporary after-image.
- 463 minutes of "yellow" glare with potential to cause temporary after-image.





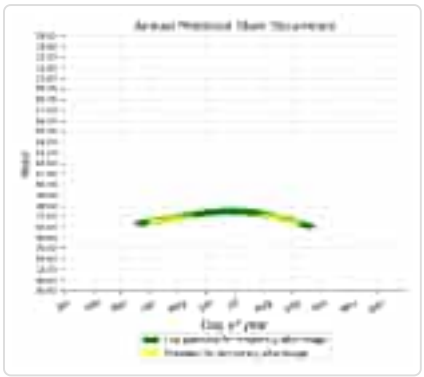


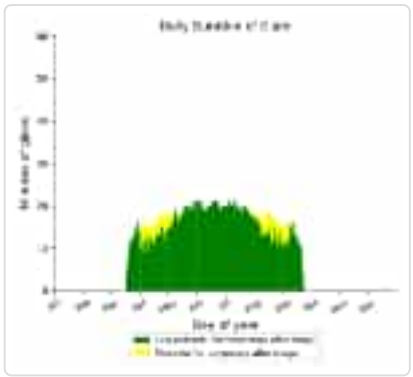


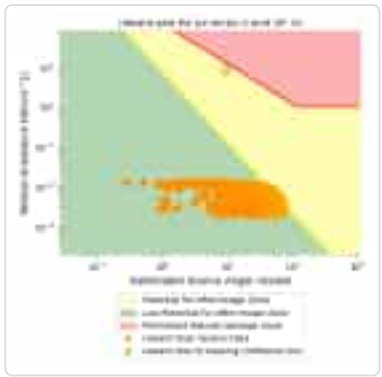
PV array 3: OP 33

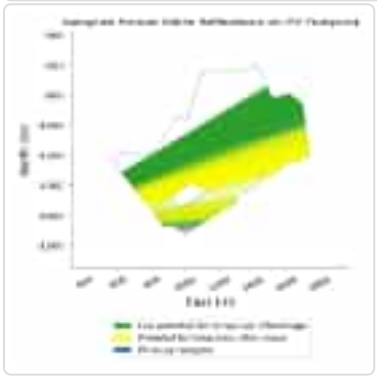
PV array is expected to produce the following glare for this receptor:

- 3,018 minutes of "green" glare with low potential to cause temporary after-image.
- 283 minutes of "yellow" glare with potential to cause temporary after-image.





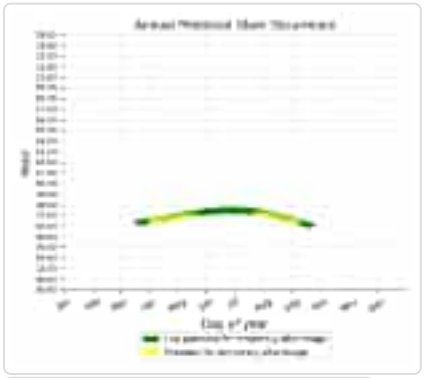


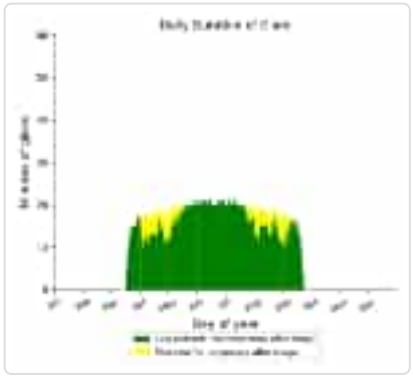


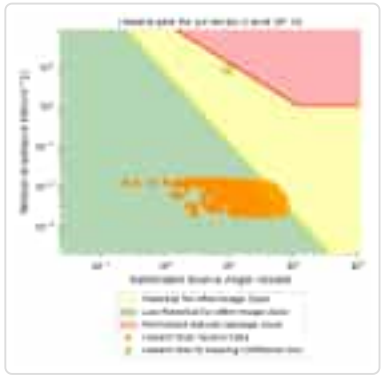
PV array 3: OP 34

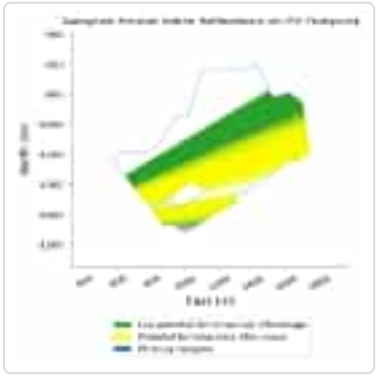
PV array is expected to produce the following glare for this receptor:

- 3,071 minutes of "green" glare with low potential to cause temporary after-image.
- 398 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 35

No glare found

PV array 3: OP 36

No glare found

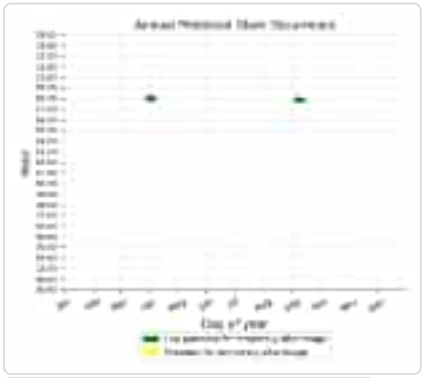
PV array 3: OP 37

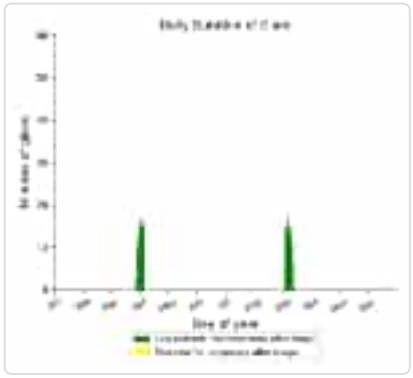
No glare found

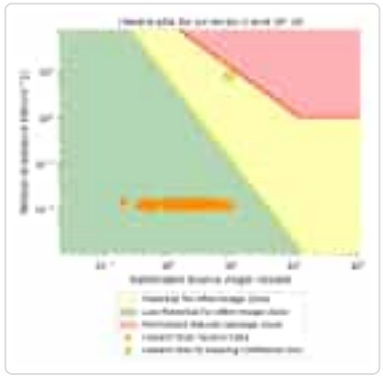
PV array 3: OP 38

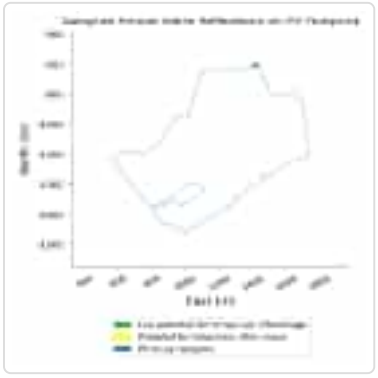
PV array is expected to produce the following glare for this receptor:

- 256 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





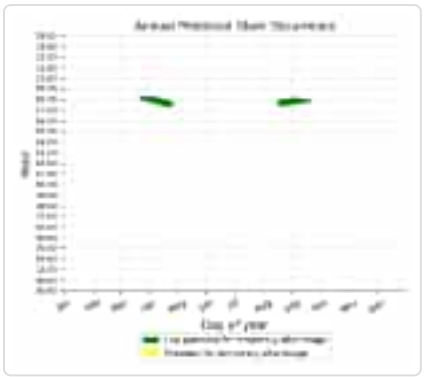


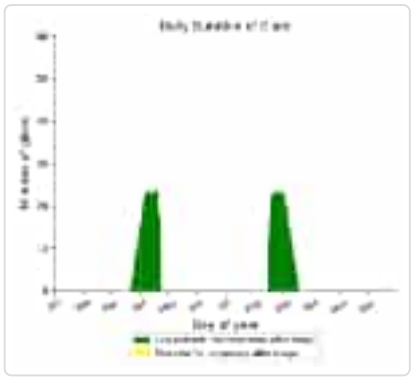


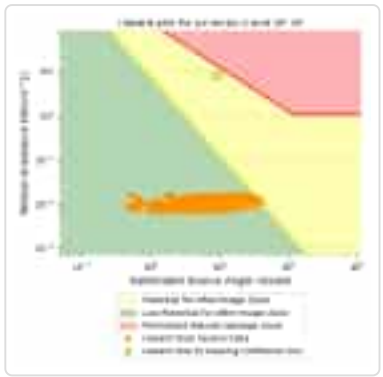
PV array 3: OP 39

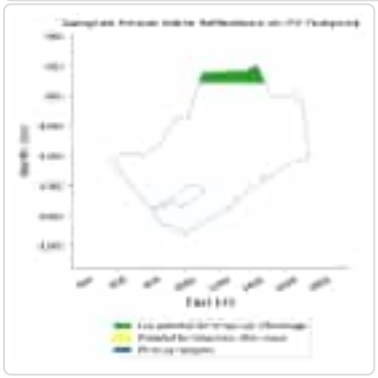
PV array is expected to produce the following glare for this receptor:

- 1,135 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





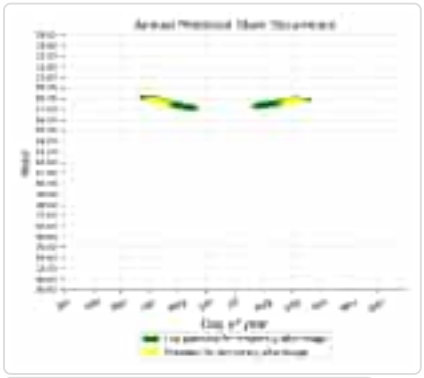


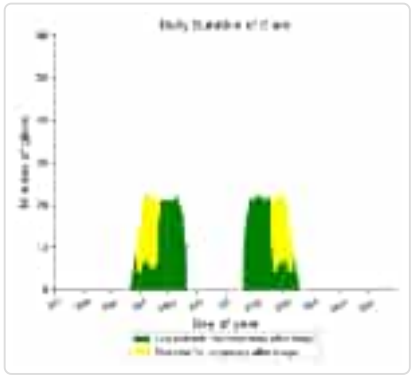


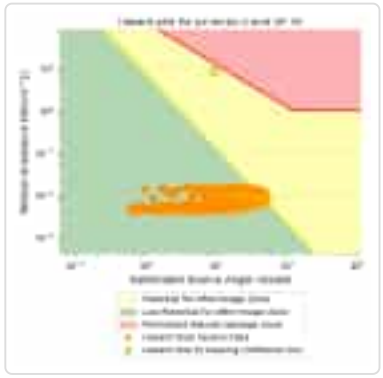
PV array 3: OP 40

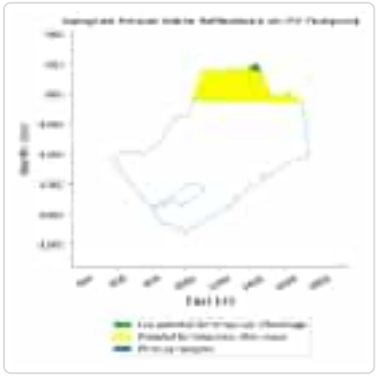
PV array is expected to produce the following glare for this receptor:

- 1,513 minutes of "green" glare with low potential to cause temporary after-image.
- 678 minutes of "yellow" glare with potential to cause temporary after-image.





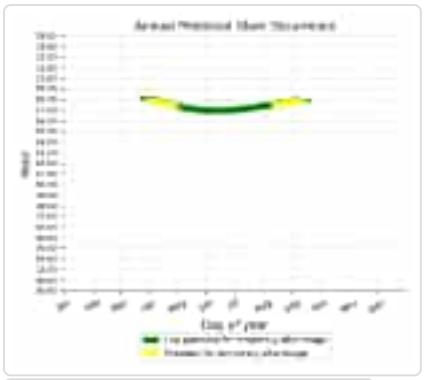


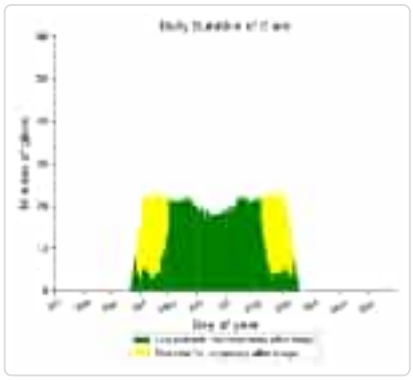


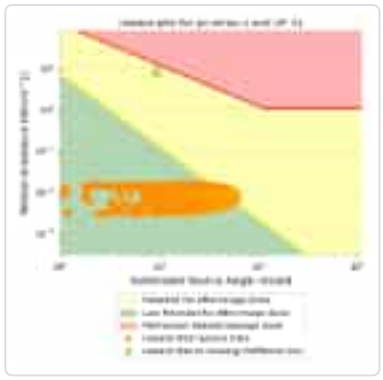
PV array 3: OP 41

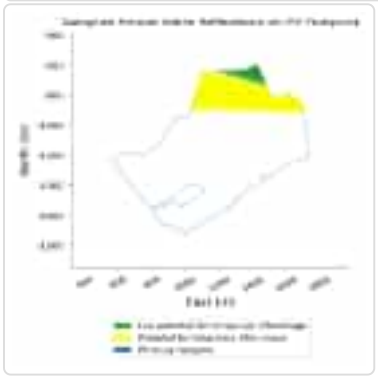
PV array is expected to produce the following glare for this receptor:

- 2,444 minutes of "green" glare with low potential to cause temporary after-image.
- 1,048 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 42

No glare found

PV array 3: OP 43

No glare found

PV array 3: OP 44

No glare found

PV array 3: OP 45

No glare found

PV array 3: OP 46

No glare found

PV array 3: OP 47

No glare found

PV array 3: OP 48

No glare found

PV array 3: OP 49

No glare found

PV array 3: OP 50

No glare found

PV array 3: OP 51

No glare found

PV array 3: OP 52

No glare found

PV array 3: OP 53

No glare found

PV array 3: OP 54

No glare found

PV array 3: OP 55

No glare found

PV array 3: OP 56

No glare found

PV array 3: OP 57

No glare found

PV array 3: OP 58

No glare found

PV array 3: OP 59

No glare found

PV array 3: OP 60

No glare found

PV array 3: OP 61

No glare found

PV array 3: OP 62

No glare found

PV array 3: OP 63

No glare found

PV array 3: OP 64

No glare found

PV array 3: OP 65

No glare found

PV array 3: OP 66

No glare found

PV array 3: OP 67

No glare found

PV array 3: OP 68

No glare found

PV array 3: OP 69

No glare found

PV array 3: OP 70

No glare found

PV array 3: OP 71

No glare found

PV array 3: OP 72

No glare found

PV array 3: OP 73

No glare found

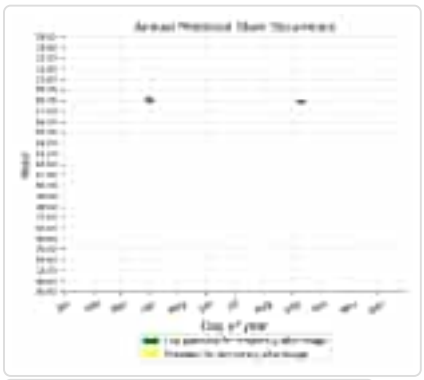
PV array 3: OP 74

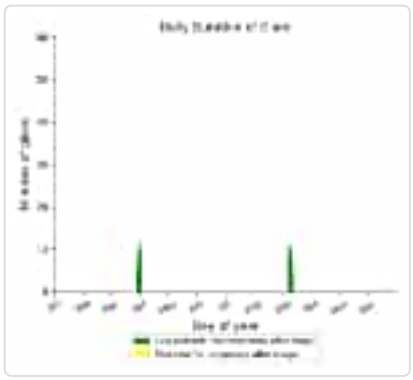
No glare found

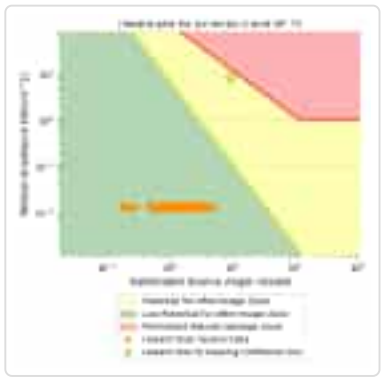
PV array 3: OP 75

PV array is expected to produce the following glare for this receptor:

- 105 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



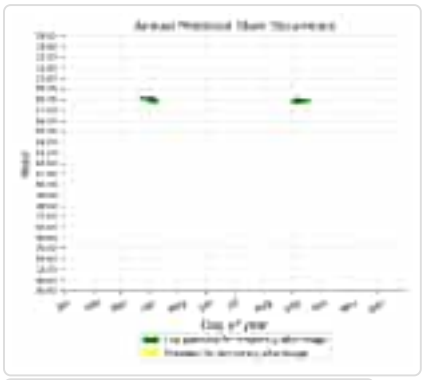


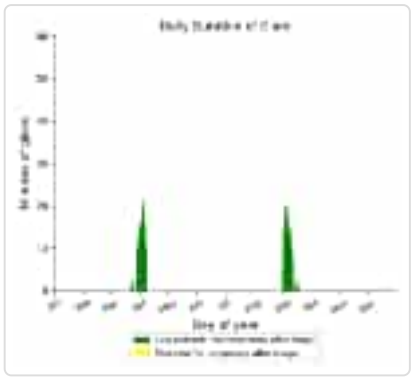


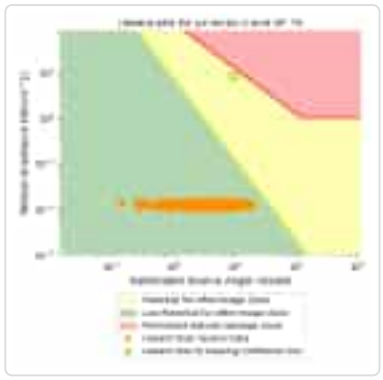
PV array 3: OP 76

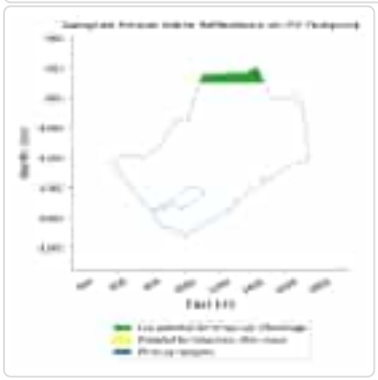
PV array is expected to produce the following glare for this receptor:

- 359 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





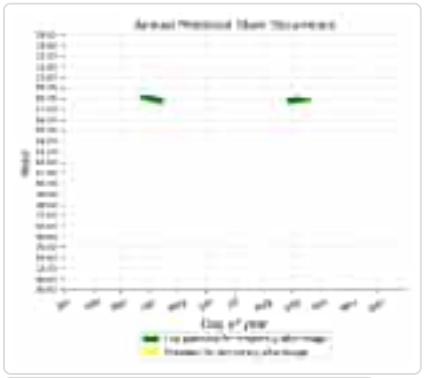


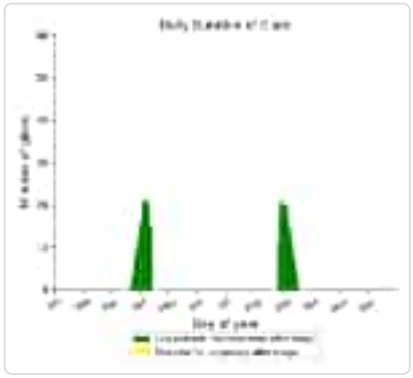


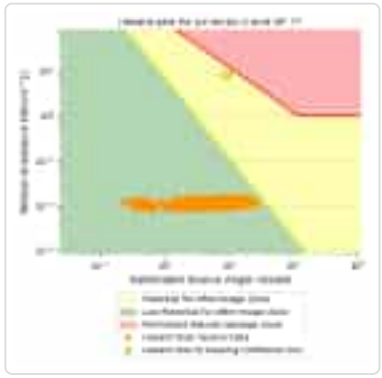
PV array 3: OP 77

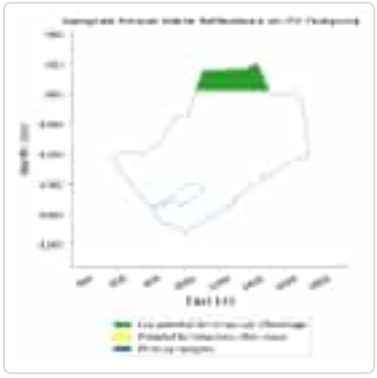
PV array is expected to produce the following glare for this receptor:

- 641 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









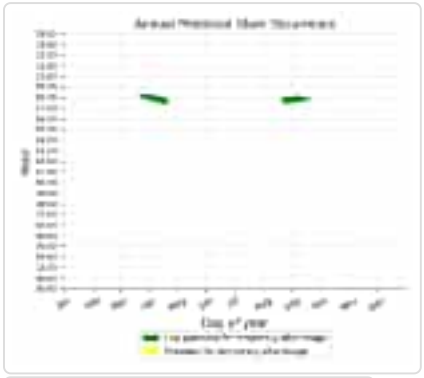
PV array 3: OP 78

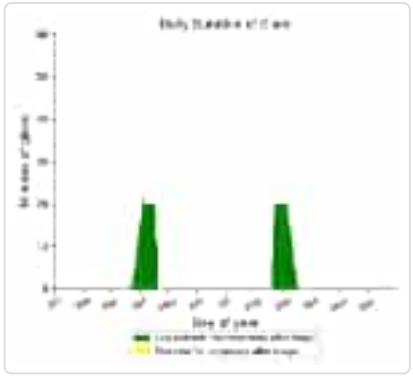
No glare found

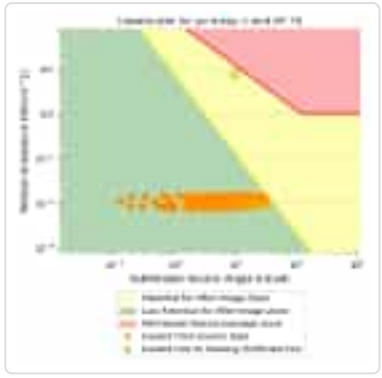
PV array 3: OP 79

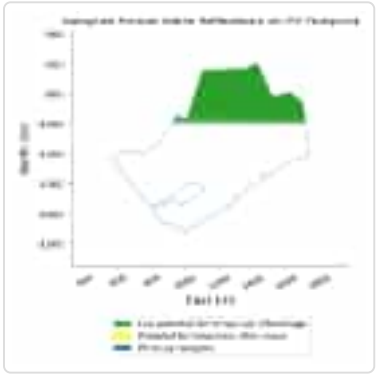
PV array is expected to produce the following glare for this receptor:

- 825 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





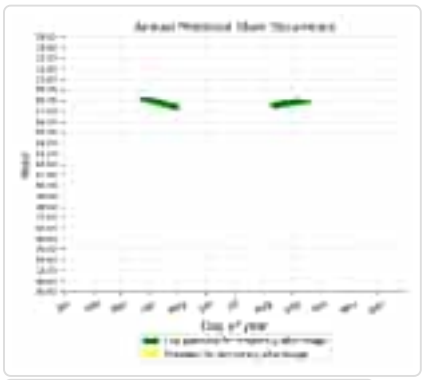


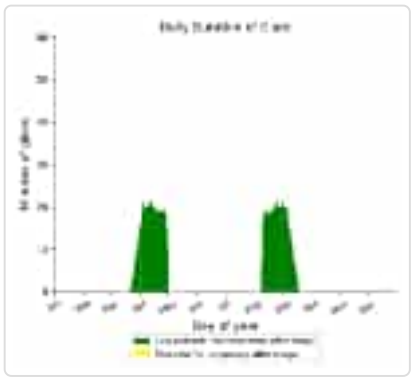


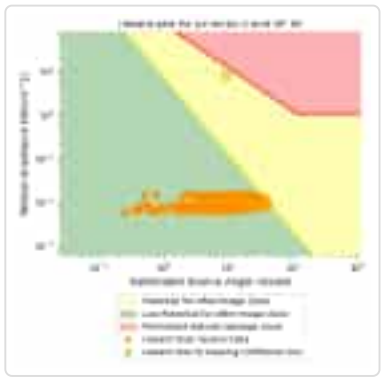
PV array 3: OP 80

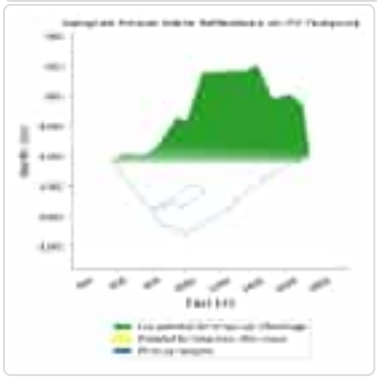
PV array is expected to produce the following glare for this receptor:

- 1,310 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	867	0
OP: OP 9	759	0
OP: OP 10	947	0
OP: OP 11	760	0
OP: OP 12	0	0
OP: OP 13	252	0
OP: OP 14	668	0
OP: OP 15	676	0
OP: OP 16	1138	31
OP: OP 17	1193	52
OP: OP 18	1778	229
OP: OP 19	2000	277
OP: OP 20	2173	0
OP: OP 21	3045	266
OP: OP 22	2770	357
OP: OP 23	1574	481
OP: OP 24	1904	497
OP: OP 25	3323	36

OP: OP 26	2874	470
OP: OP 27	2972	476
OP: OP 28	1252	442
OP: OP 29	2804	2270
OP: OP 30	2691	0
OP: OP 31	2509	0
OP: OP 32	2506	0
OP: OP 33	2410	0
OP: OP 34	2330	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	2997	6252
OP: OP 39	3796	6369
OP: OP 40	4130	1894
OP: OP 41	1293	2604
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	1727	1517
OP: OP 73	1428	1985
OP: OP 74	1842	1726
OP: OP 75	1526	1969
OP: OP 76	1564	1993
OP: OP 77	2039	1495
OP: OP 78	1396	476
OP: OP 79	2863	70

OP: OP 80	3087	0

PV array 4: OP 1

No glare found

PV array 4: OP 2

No glare found

PV array 4: OP 3

No glare found

PV array 4: OP 4

No glare found

PV array 4: OP 5

No glare found

PV array 4: OP 6

No glare found

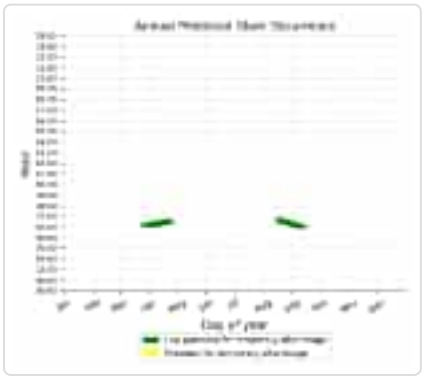
PV array 4: OP 7

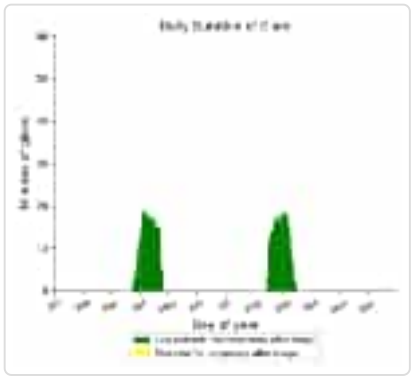
No glare found

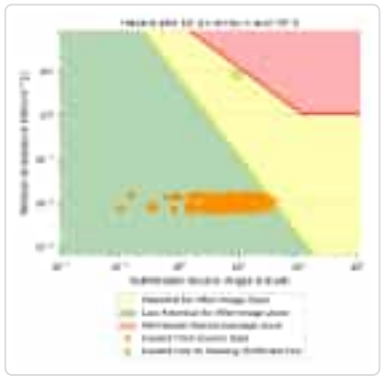
PV array 4: OP 8

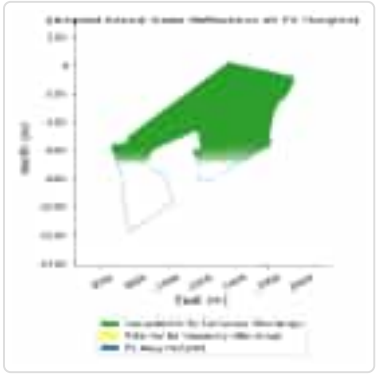
PV array is expected to produce the following glare for this receptor:

- 867 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





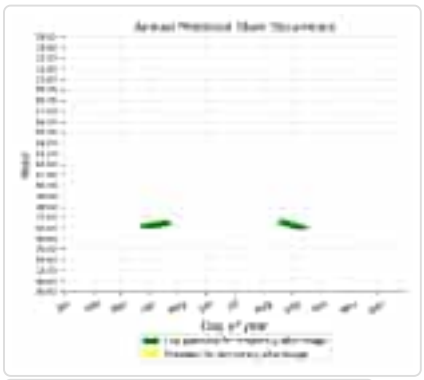


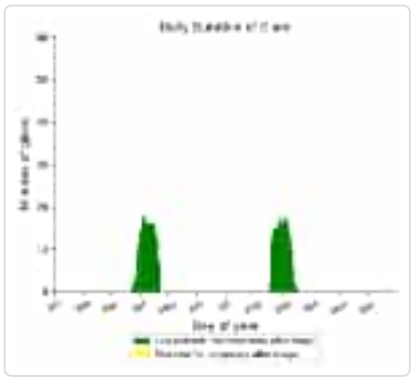


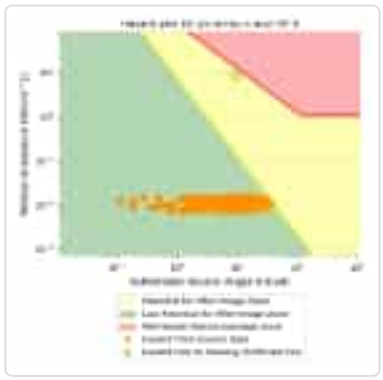
PV array 4: OP 9

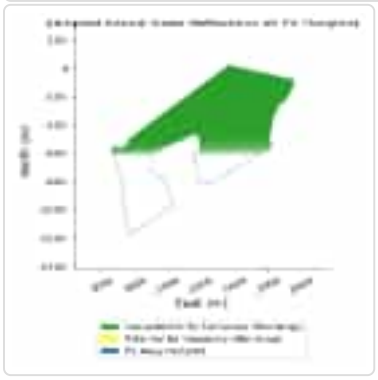
PV array is expected to produce the following glare for this receptor:

- 759 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





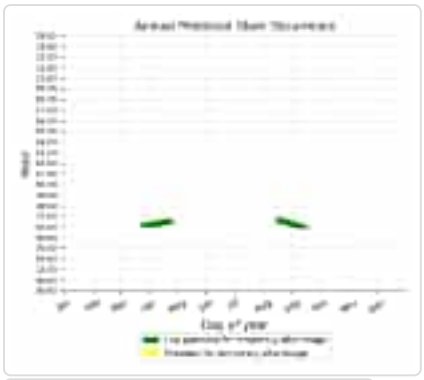


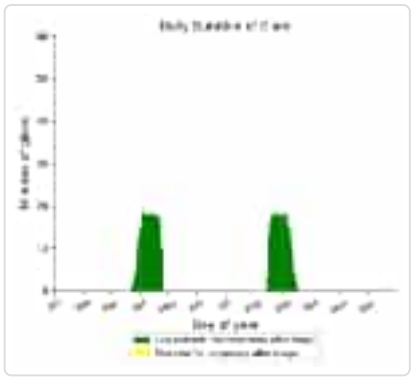


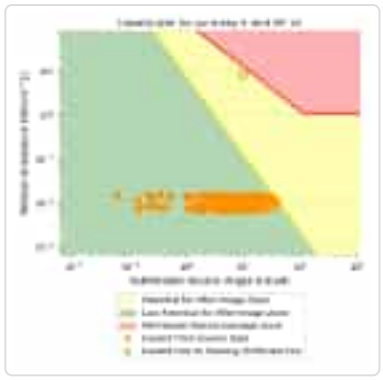
PV array 4: OP 10

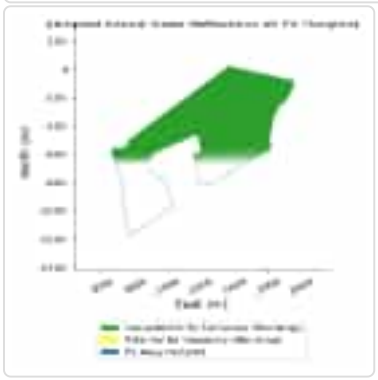
PV array is expected to produce the following glare for this receptor:

- 947 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





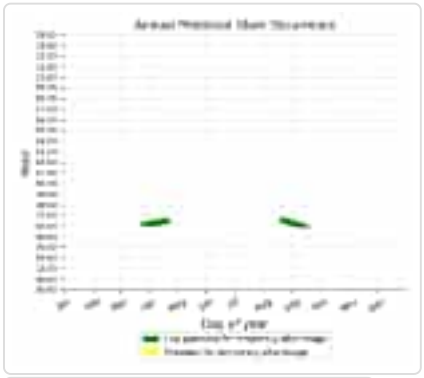


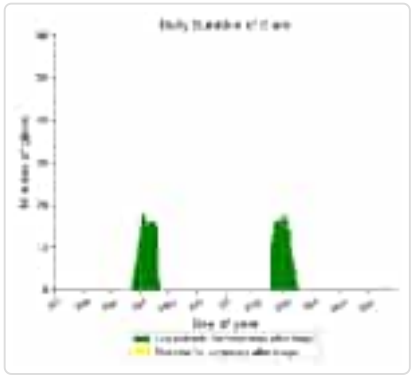


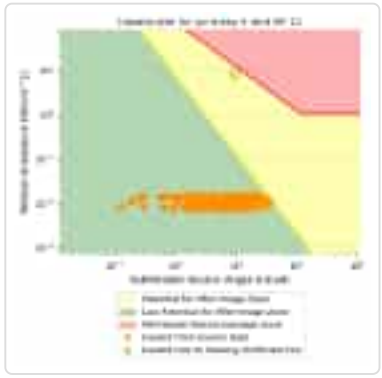
PV array 4: OP 11

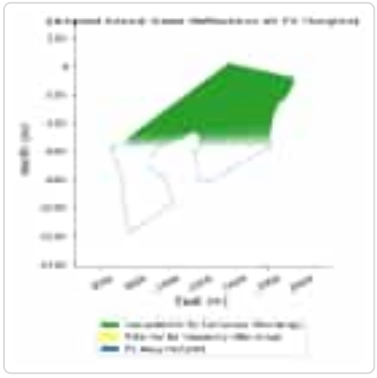
PV array is expected to produce the following glare for this receptor:

- 760 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









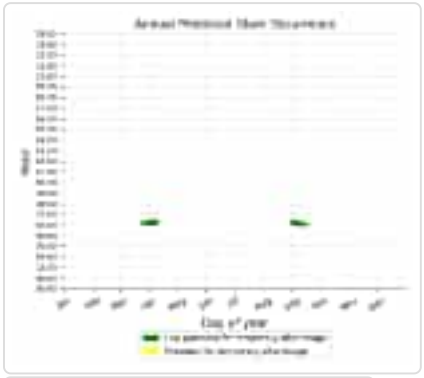
PV array 4: OP 12

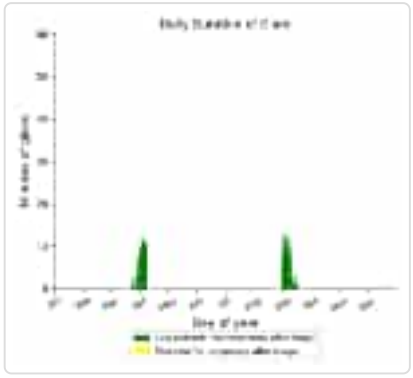
No glare found

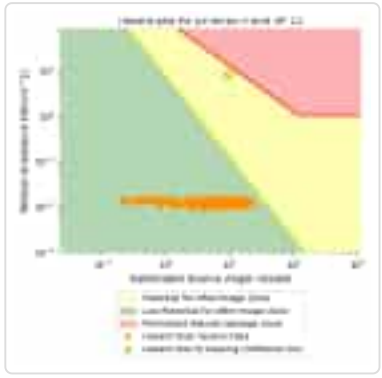
PV array 4: OP 13

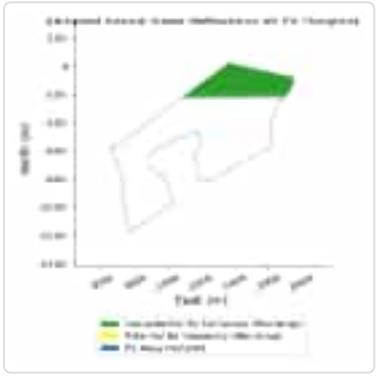
PV array is expected to produce the following glare for this receptor:

- 252 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





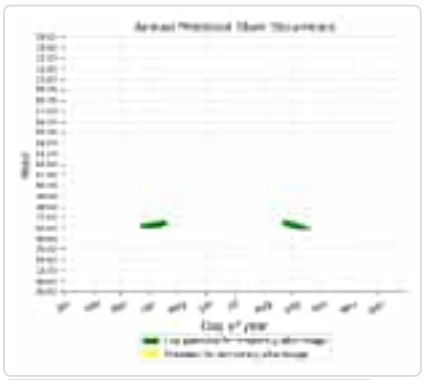


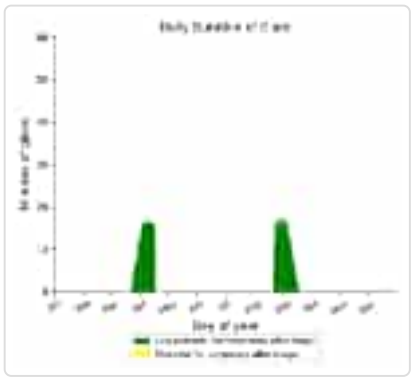


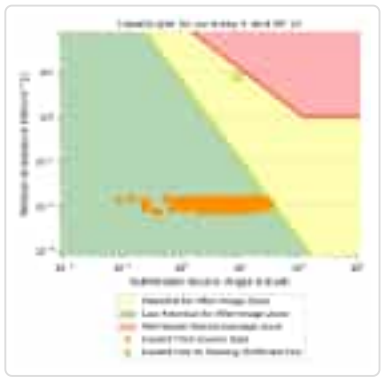
PV array 4: OP 14

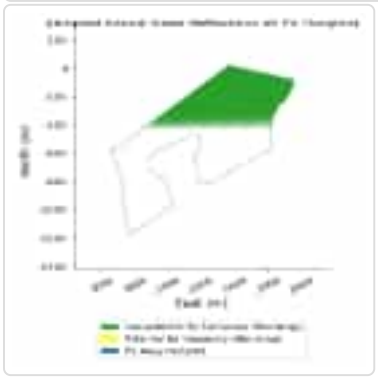
PV array is expected to produce the following glare for this receptor:

- 668 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





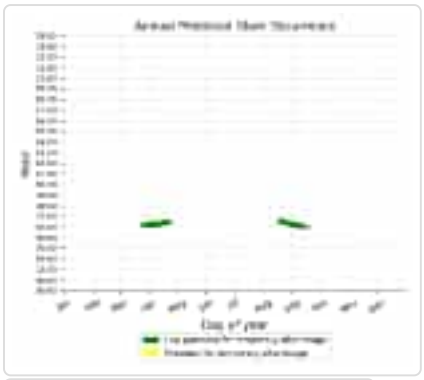


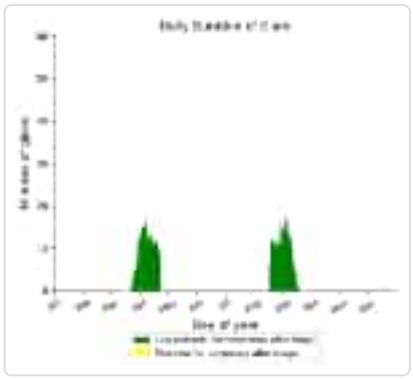


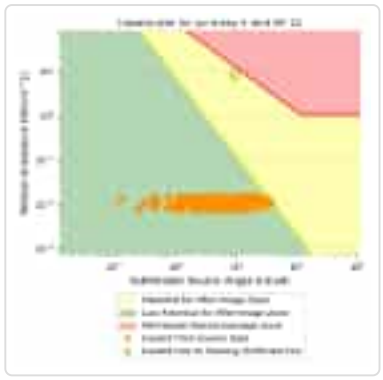
PV array 4: OP 15

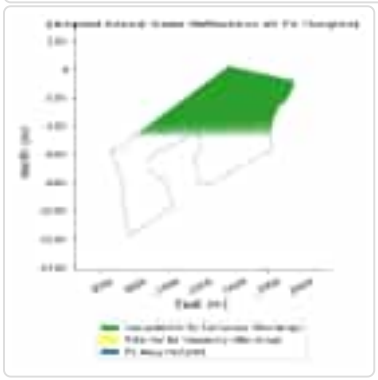
PV array is expected to produce the following glare for this receptor:

- 676 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





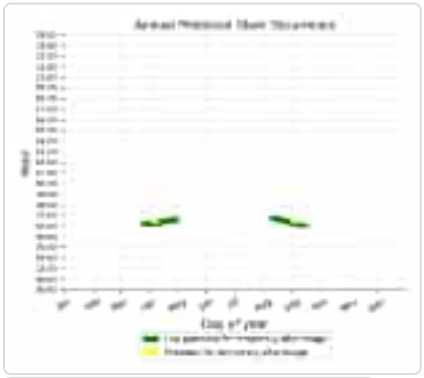


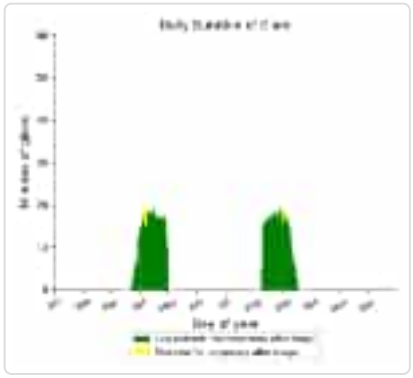


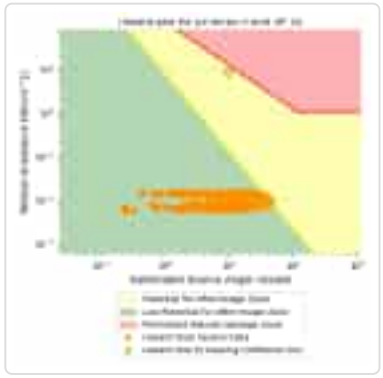
PV array 4: OP 16

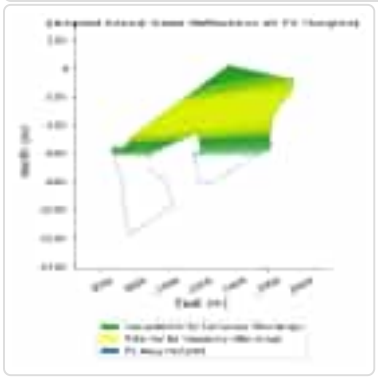
PV array is expected to produce the following glare for this receptor:

- 1,138 minutes of "green" glare with low potential to cause temporary after-image.
- 31 minutes of "yellow" glare with potential to cause temporary after-image.





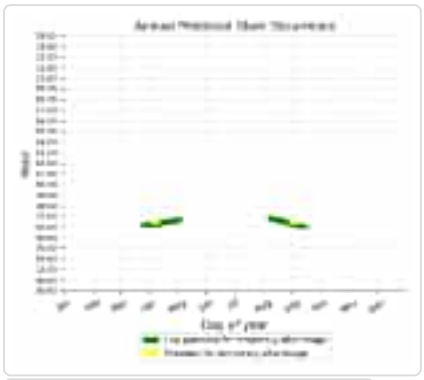


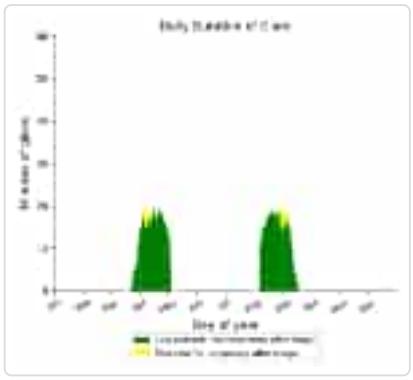


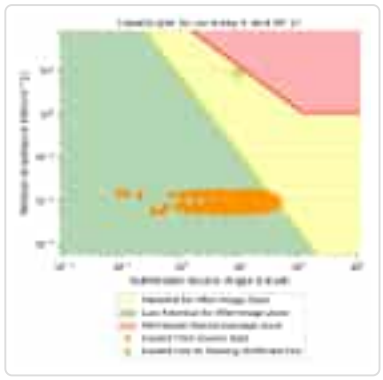
PV array 4: OP 17

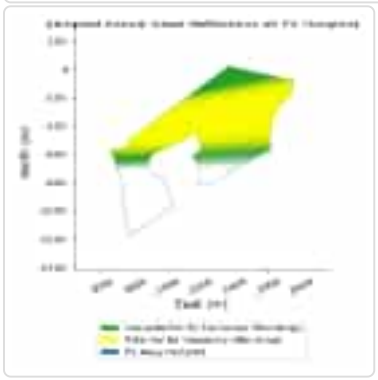
PV array is expected to produce the following glare for this receptor:

- 1,193 minutes of "green" glare with low potential to cause temporary after-image.
- 52 minutes of "yellow" glare with potential to cause temporary after-image.





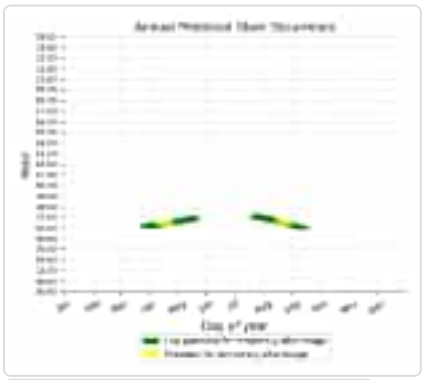


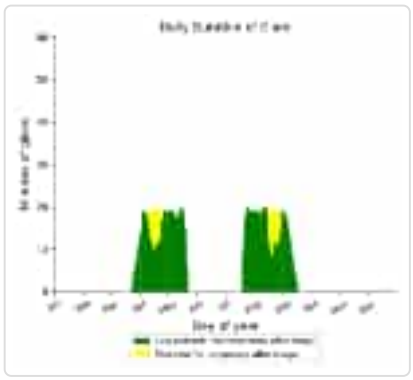


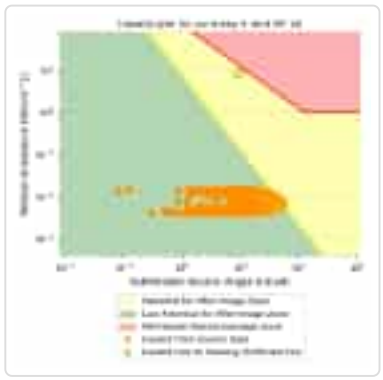
PV array 4: OP 18

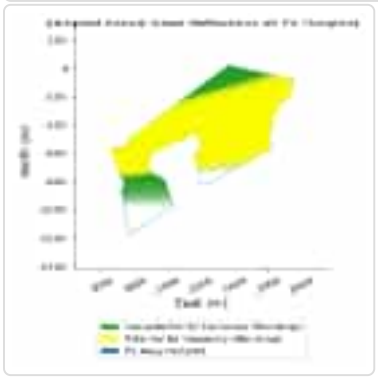
PV array is expected to produce the following glare for this receptor:

- 1,778 minutes of "green" glare with low potential to cause temporary after-image.
- 229 minutes of "yellow" glare with potential to cause temporary after-image.





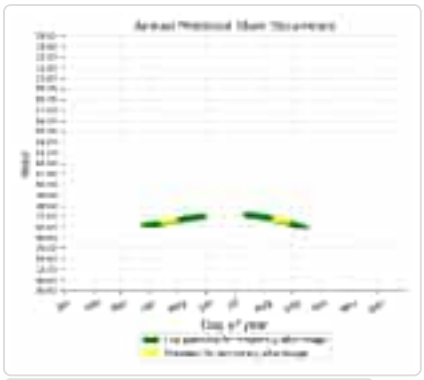


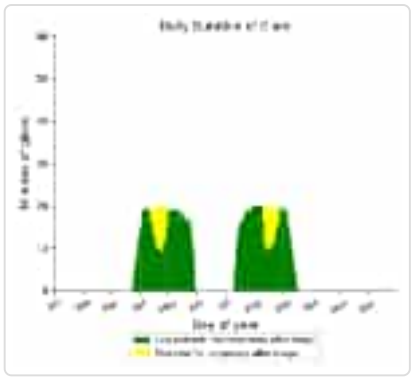


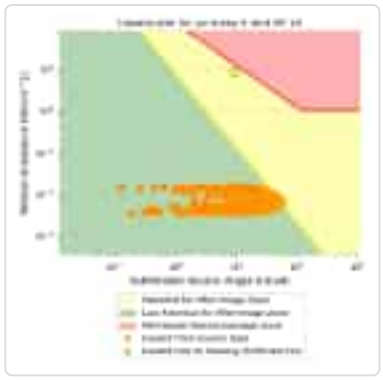
PV array 4: OP 19

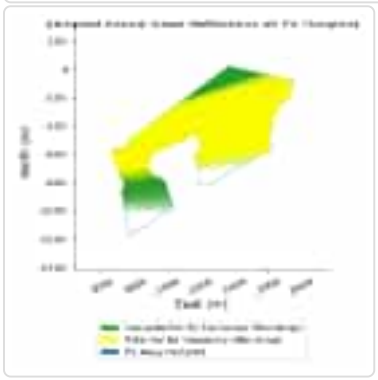
PV array is expected to produce the following glare for this receptor:

- 2,000 minutes of "green" glare with low potential to cause temporary after-image.
- 277 minutes of "yellow" glare with potential to cause temporary after-image.





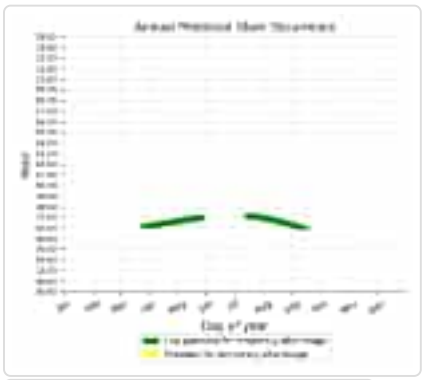


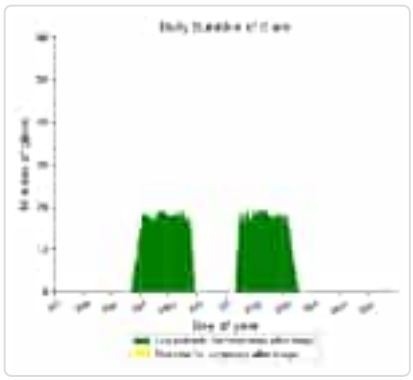


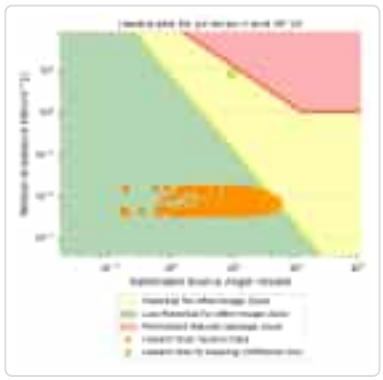
PV array 4: OP 20

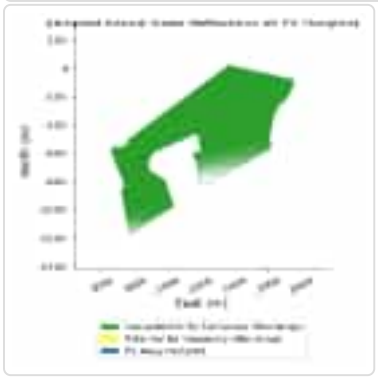
PV array is expected to produce the following glare for this receptor:

- 2,173 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





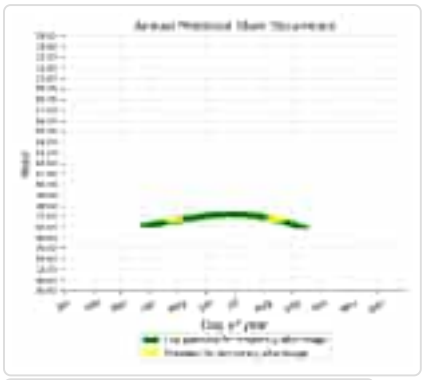


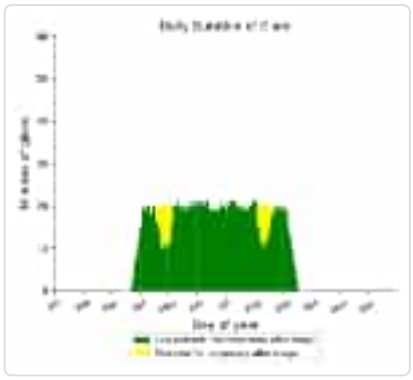


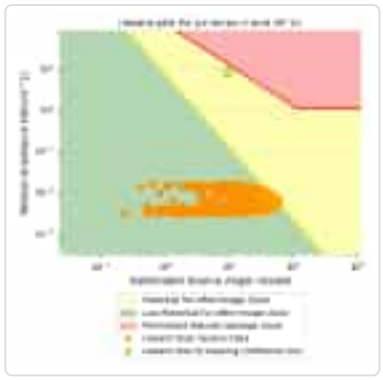
PV array 4: OP 21

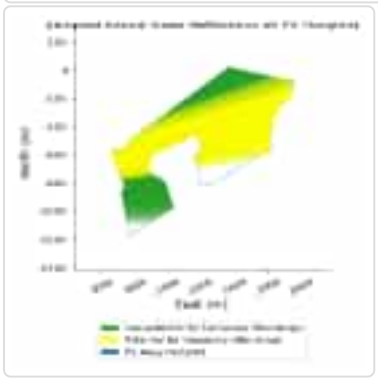
PV array is expected to produce the following glare for this receptor:

- 3,045 minutes of "green" glare with low potential to cause temporary after-image.
- 266 minutes of "yellow" glare with potential to cause temporary after-image.





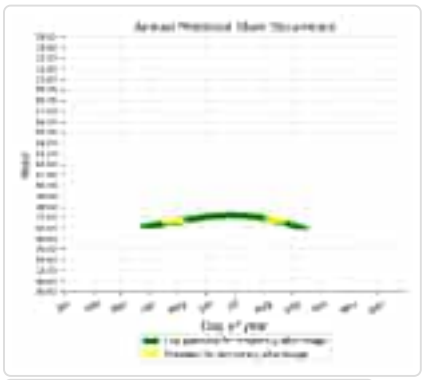


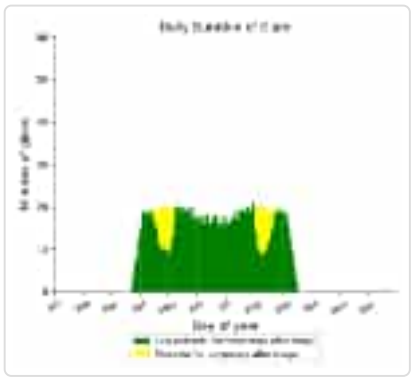


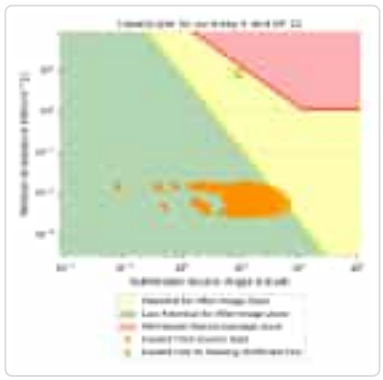
PV array 4: OP 22

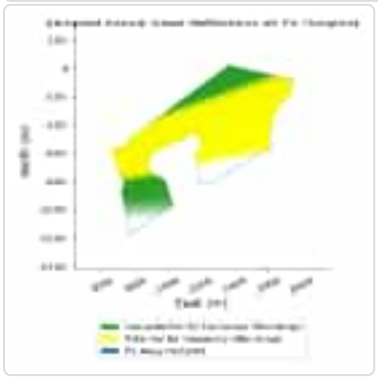
PV array is expected to produce the following glare for this receptor:

- 2,770 minutes of "green" glare with low potential to cause temporary after-image.
- 357 minutes of "yellow" glare with potential to cause temporary after-image.





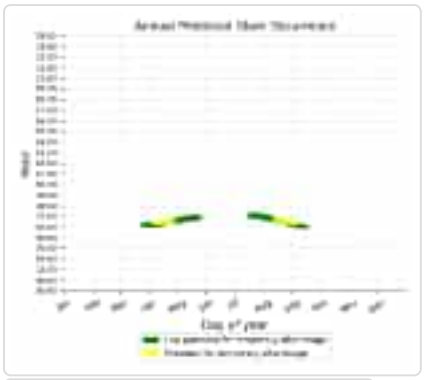


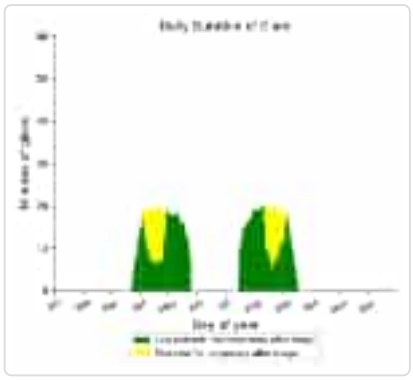


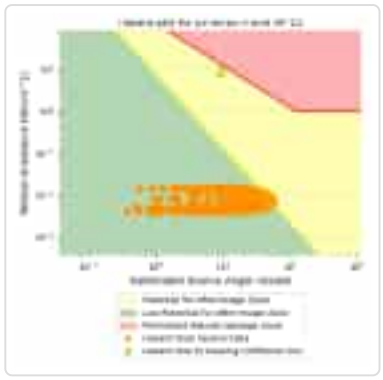
PV array 4: OP 23

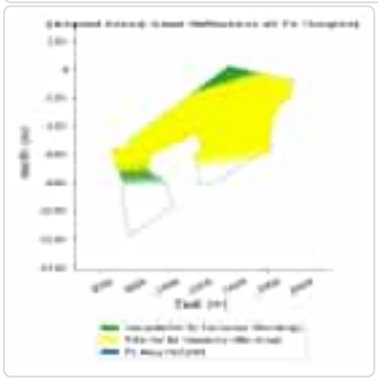
PV array is expected to produce the following glare for this receptor:

- 1,574 minutes of "green" glare with low potential to cause temporary after-image.
- 481 minutes of "yellow" glare with potential to cause temporary after-image.





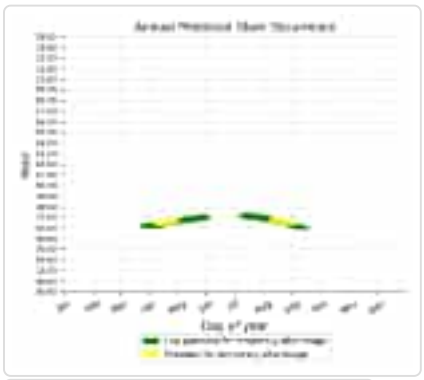


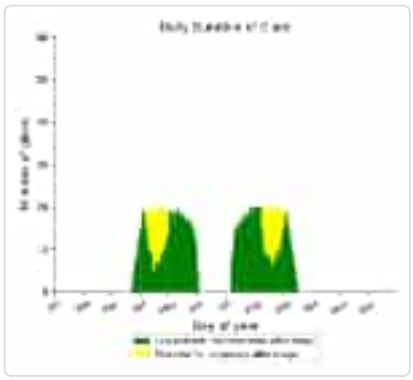


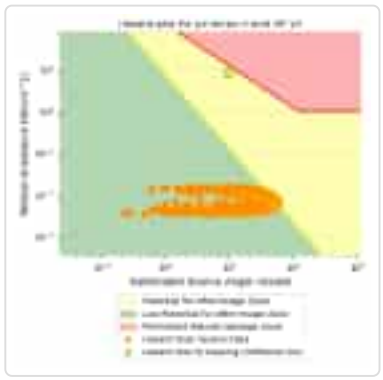
PV array 4: OP 24

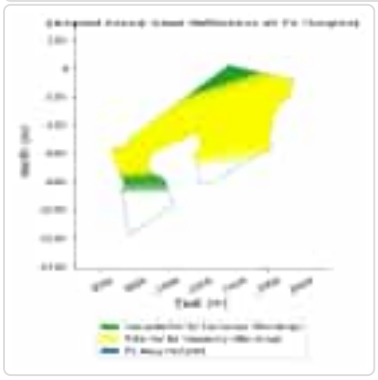
PV array is expected to produce the following glare for this receptor:

- 1,904 minutes of "green" glare with low potential to cause temporary after-image.
- 497 minutes of "yellow" glare with potential to cause temporary after-image.





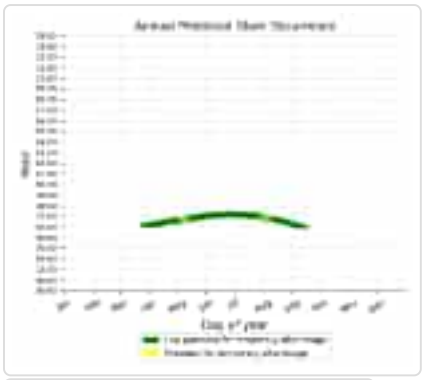


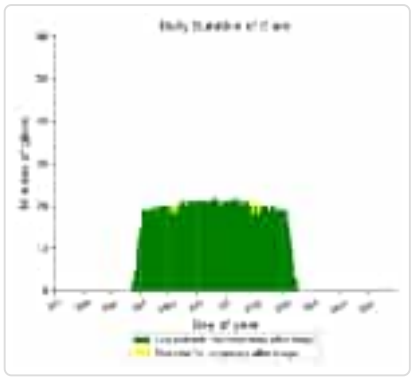


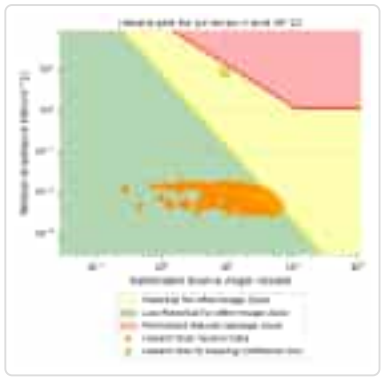
PV array 4: OP 25

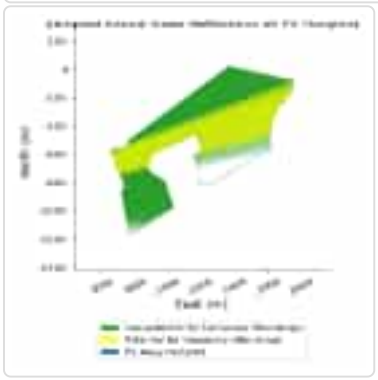
PV array is expected to produce the following glare for this receptor:

- 3,323 minutes of "green" glare with low potential to cause temporary after-image.
- 36 minutes of "yellow" glare with potential to cause temporary after-image.





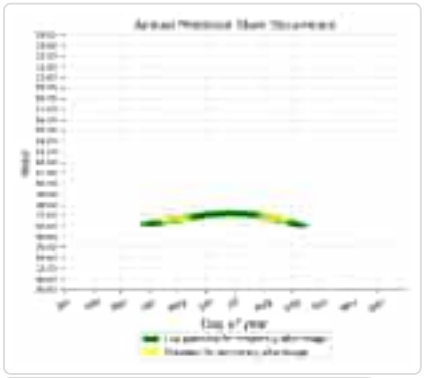


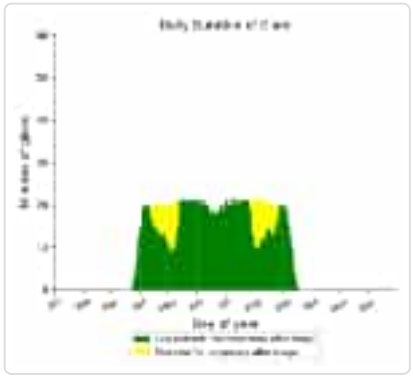


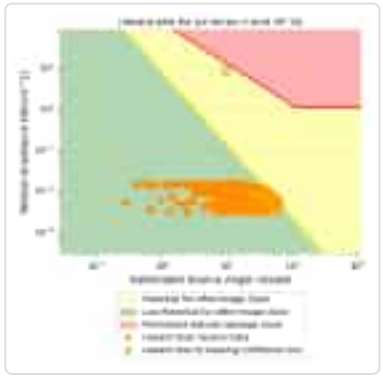
PV array 4: OP 26

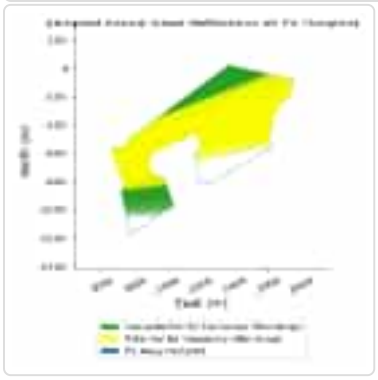
PV array is expected to produce the following glare for this receptor:

- 2,874 minutes of "green" glare with low potential to cause temporary after-image.
- 470 minutes of "yellow" glare with potential to cause temporary after-image.





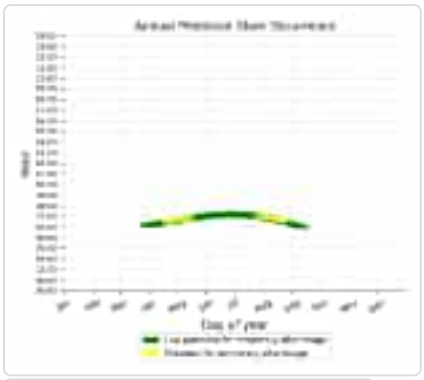


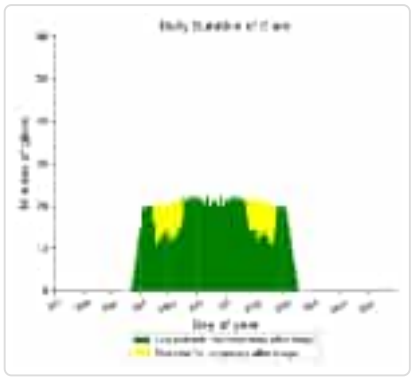


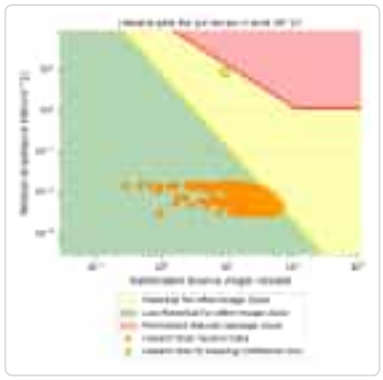
PV array 4: OP 27

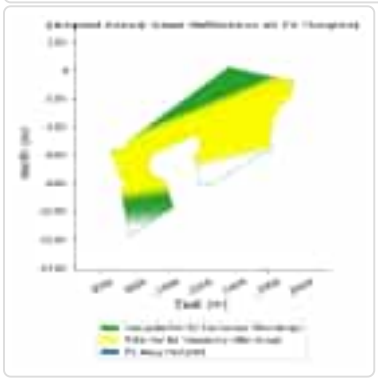
PV array is expected to produce the following glare for this receptor:

- 2,972 minutes of "green" glare with low potential to cause temporary after-image.
- 476 minutes of "yellow" glare with potential to cause temporary after-image.





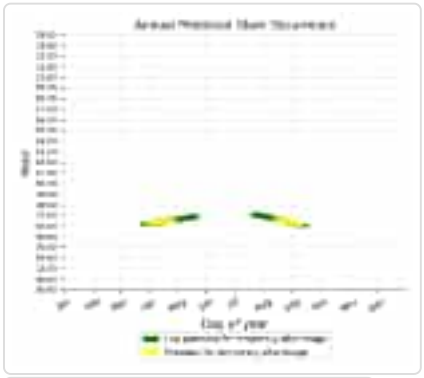


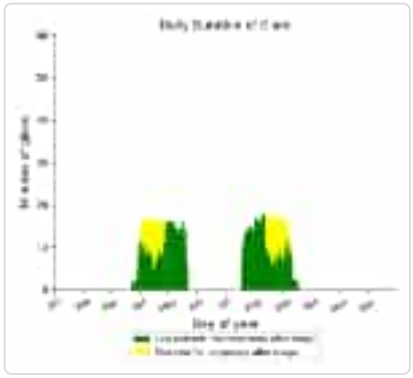


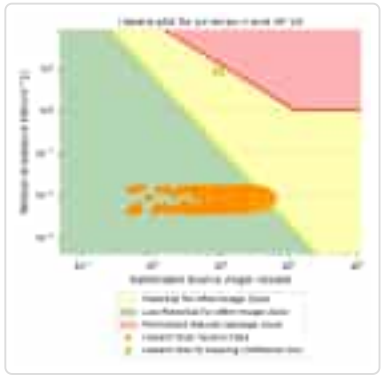
PV array 4: OP 28

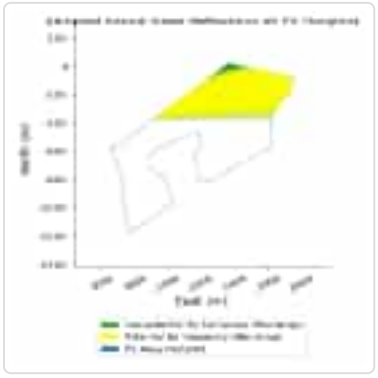
PV array is expected to produce the following glare for this receptor:

- 1,252 minutes of "green" glare with low potential to cause temporary after-image.
- 442 minutes of "yellow" glare with potential to cause temporary after-image.





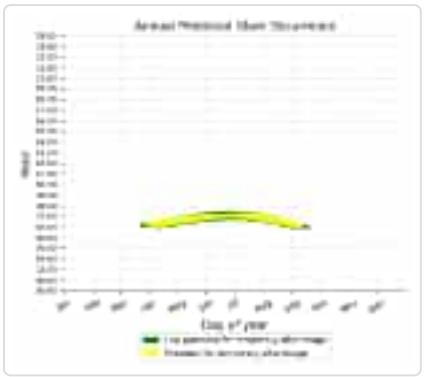


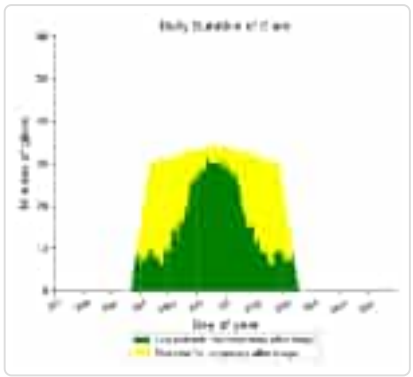


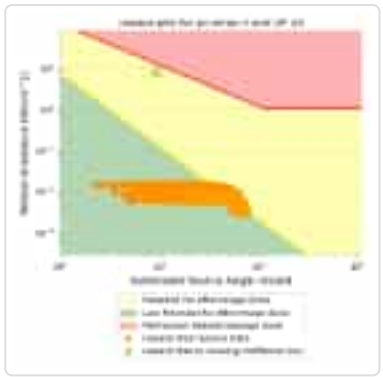
PV array 4: OP 29

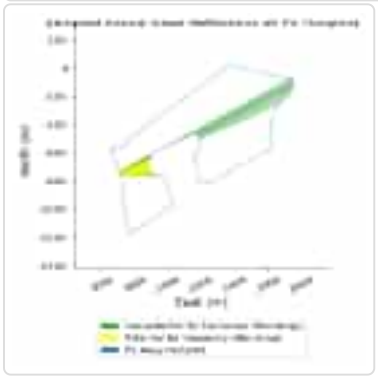
PV array is expected to produce the following glare for this receptor:

- 2,804 minutes of "green" glare with low potential to cause temporary after-image.
- 2,270 minutes of "yellow" glare with potential to cause temporary after-image.





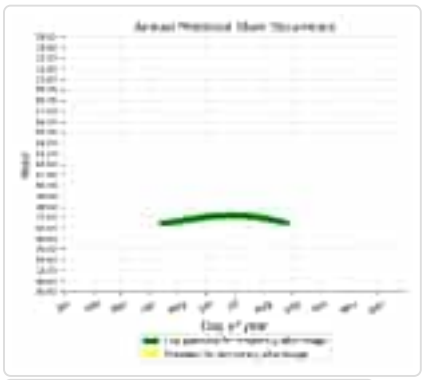


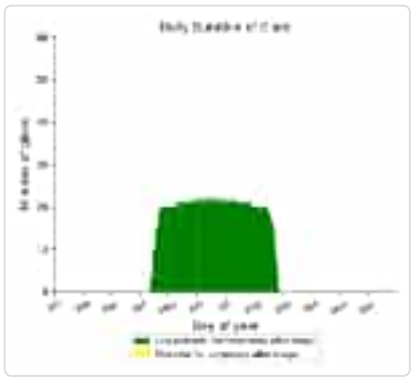


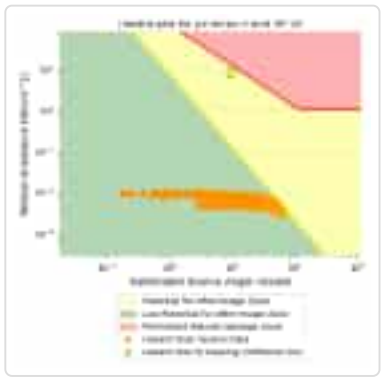
PV array 4: OP 30

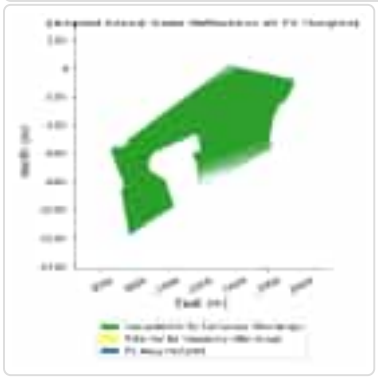
PV array is expected to produce the following glare for this receptor:

- 2,691 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





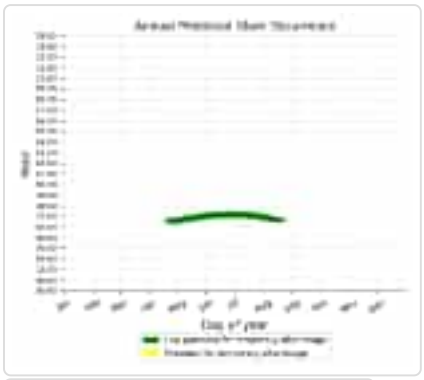


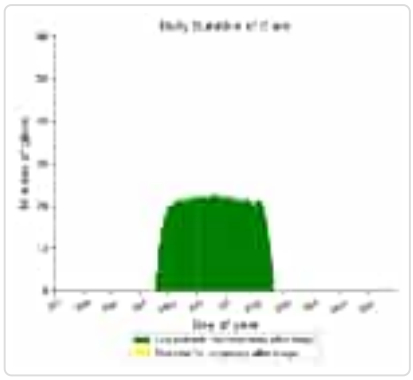


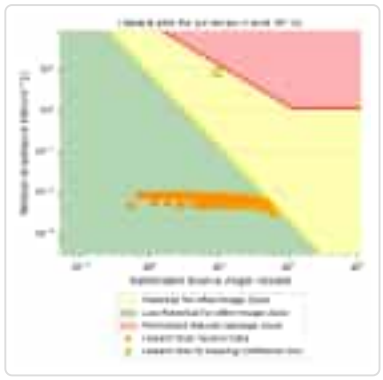
PV array 4: OP 31

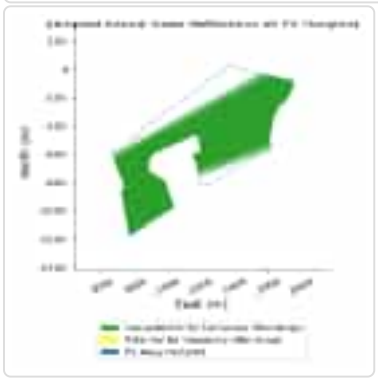
PV array is expected to produce the following glare for this receptor:

- 2,509 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





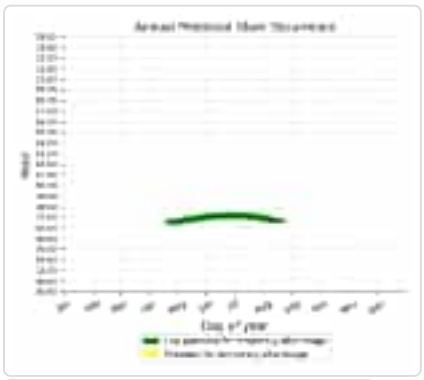


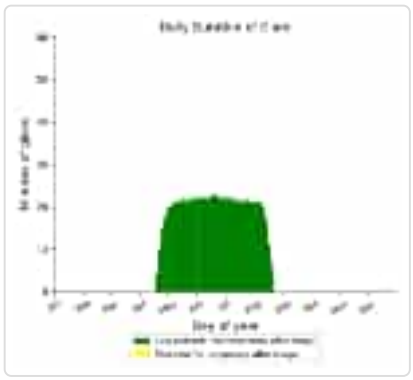


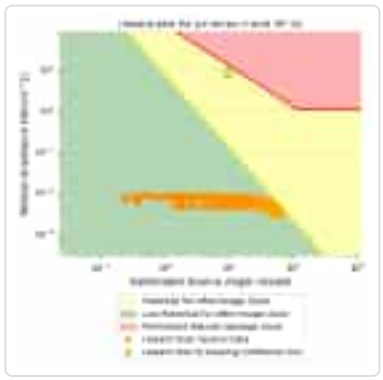
PV array 4: OP 32

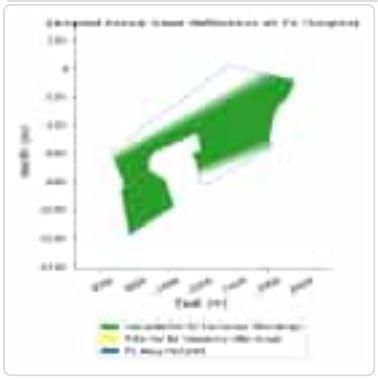
PV array is expected to produce the following glare for this receptor:

- 2,506 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





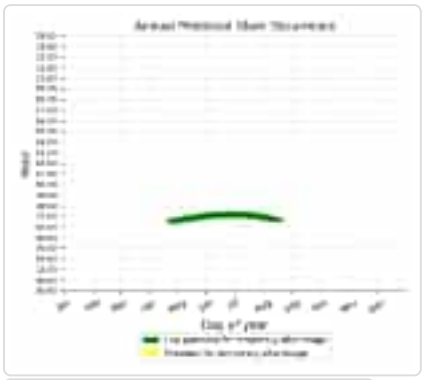


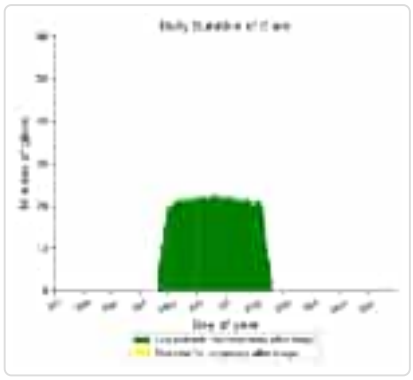


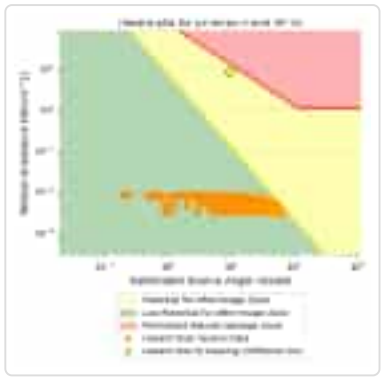
PV array 4: OP 33

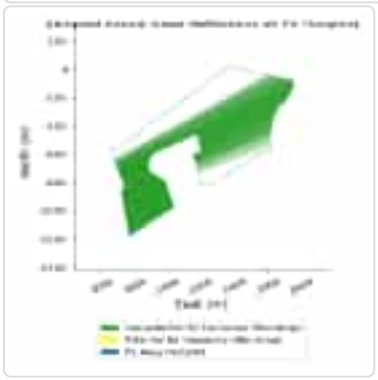
PV array is expected to produce the following glare for this receptor:

- 2,410 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





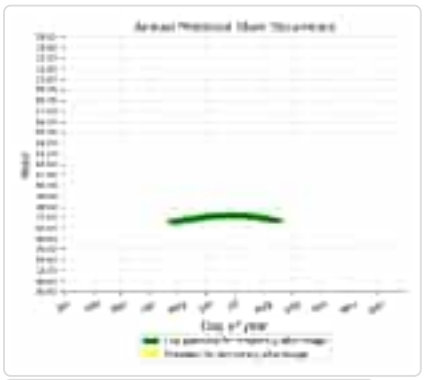


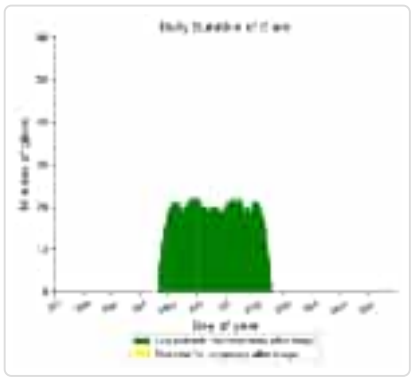


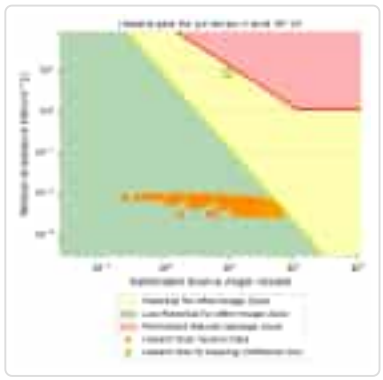
PV array 4: OP 34

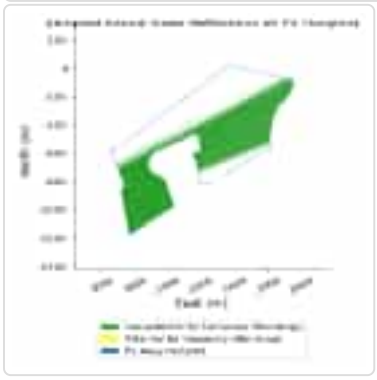
PV array is expected to produce the following glare for this receptor:

- 2,330 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 35

No glare found

PV array 4: OP 36

No glare found

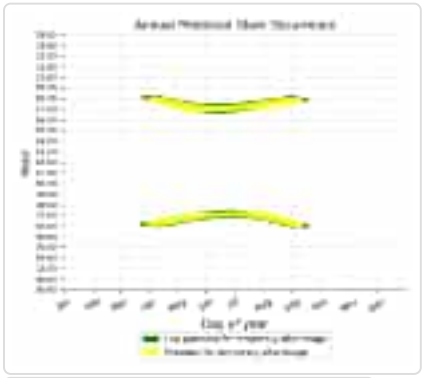
PV array 4: OP 37

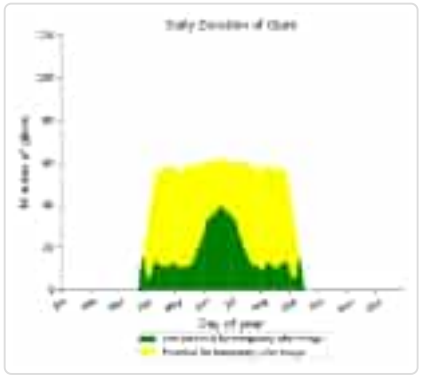
No glare found

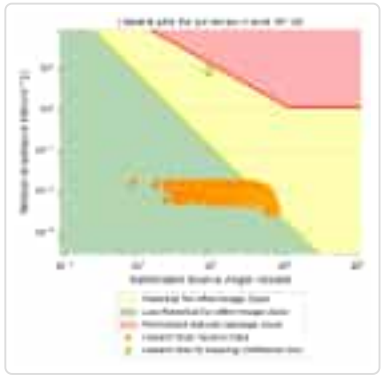
PV array 4: OP 38

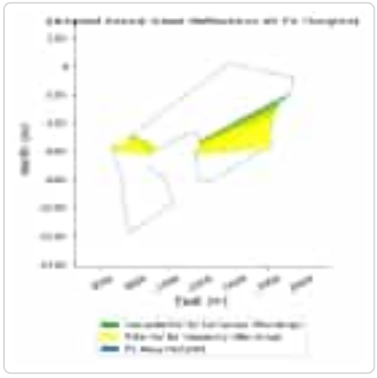
PV array is expected to produce the following glare for this receptor:

- 2,997 minutes of "green" glare with low potential to cause temporary after-image.
- 6,252 minutes of "yellow" glare with potential to cause temporary after-image.





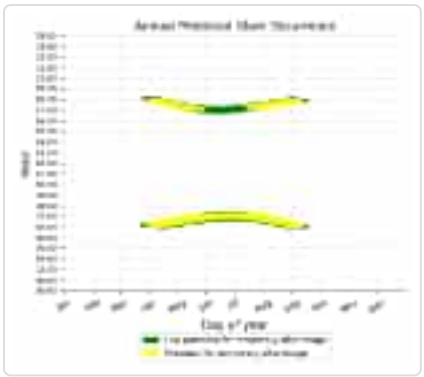


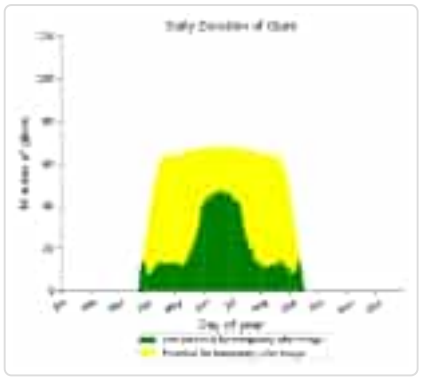


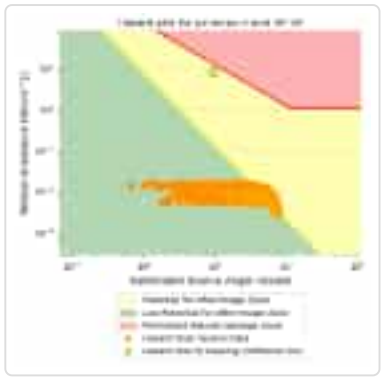
PV array 4: OP 39

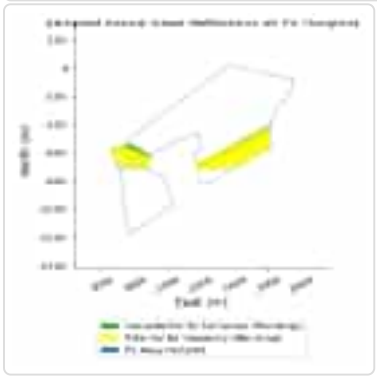
PV array is expected to produce the following glare for this receptor:

- 3,796 minutes of "green" glare with low potential to cause temporary after-image.
- 6,369 minutes of "yellow" glare with potential to cause temporary after-image.





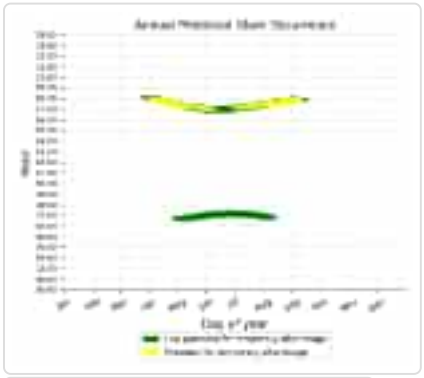


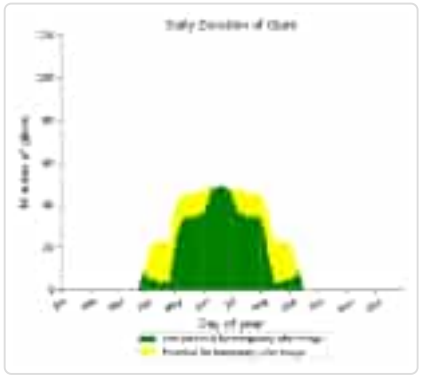


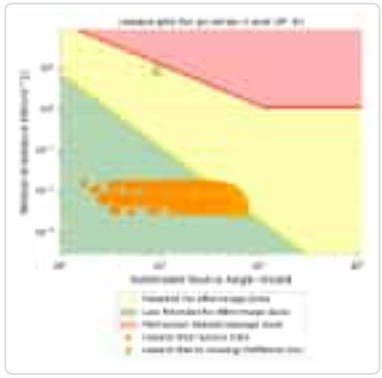
PV array 4: OP 40

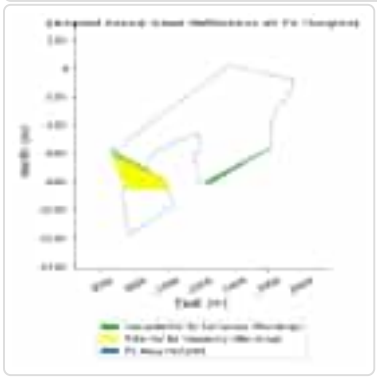
PV array is expected to produce the following glare for this receptor:

- 4,130 minutes of "green" glare with low potential to cause temporary after-image.
- 1,894 minutes of "yellow" glare with potential to cause temporary after-image.





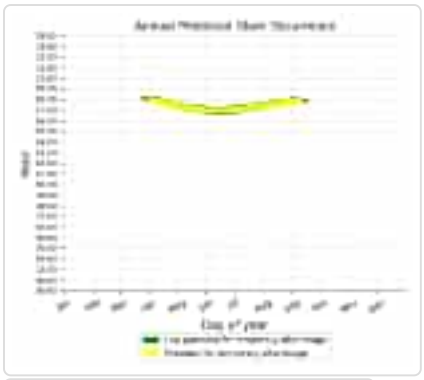


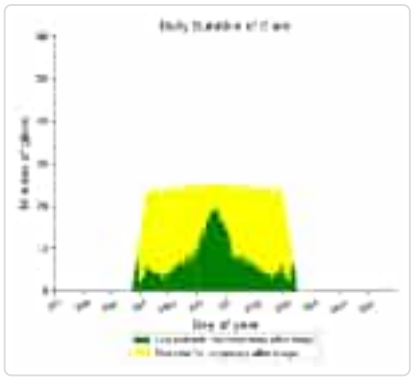


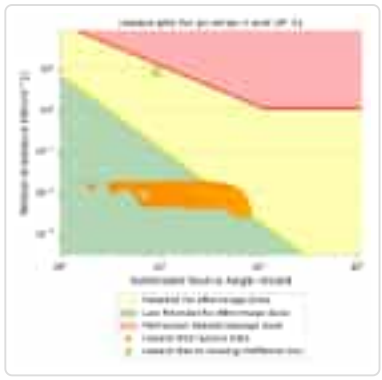
PV array 4: OP 41

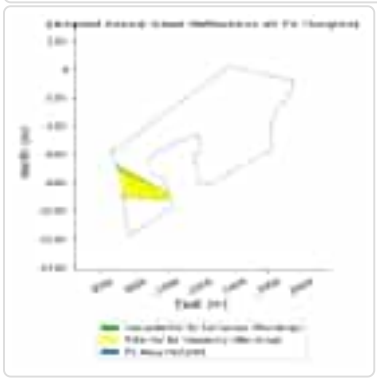
PV array is expected to produce the following glare for this receptor:

- 1,293 minutes of "green" glare with low potential to cause temporary after-image.
- 2,604 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 42

No glare found

PV array 4: OP 43

No glare found

PV array 4: OP 44

No glare found

PV array 4: OP 45

No glare found

PV array 4: OP 46

No glare found

PV array 4: OP 47

No glare found

PV array 4: OP 48

No glare found

PV array 4: OP 49

No glare found

PV array 4: OP 50

No glare found

PV array 4: OP 51

No glare found

PV array 4: OP 52

No glare found

PV array 4: OP 53

No glare found

PV array 4: OP 54

No glare found

PV array 4: OP 55

No glare found

PV array 4: OP 56

No glare found

PV array 4: OP 57

No glare found

PV array 4: OP 58

No glare found

PV array 4: OP 59

No glare found

PV array 4: OP 60

No glare found

PV array 4: OP 61

No glare found

PV array 4: OP 62

No glare found

PV array 4: OP 63

No glare found

PV array 4: OP 64

No glare found

PV array 4: OP 65

No glare found

PV array 4: OP 66

No glare found

PV array 4: OP 67

No glare found

PV array 4: OP 68

No glare found

PV array 4: OP 69

No glare found

PV array 4: OP 70

No glare found

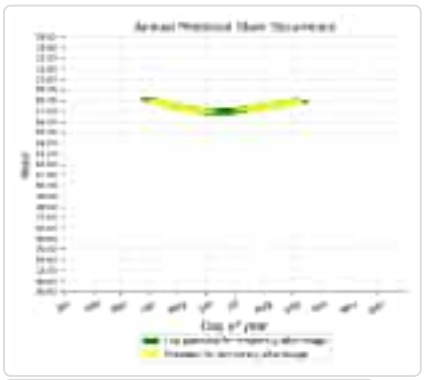
PV array 4: OP 71

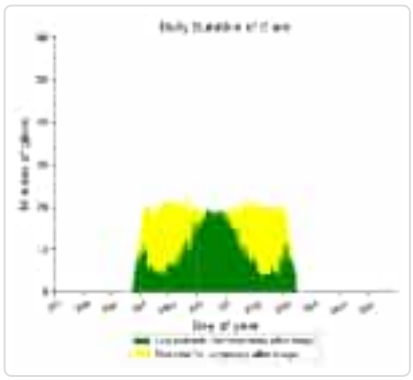
No glare found

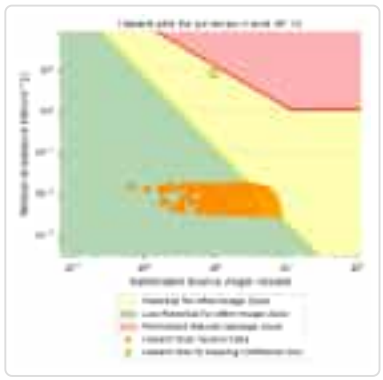
PV array 4: OP 72

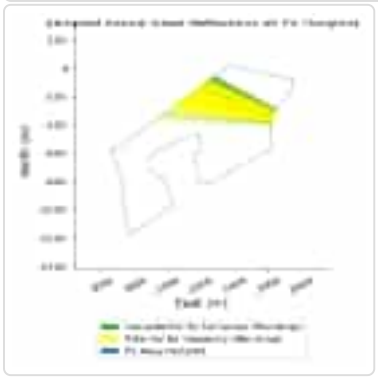
PV array is expected to produce the following glare for this receptor:

- 1,727 minutes of "green" glare with low potential to cause temporary after-image.
- 1,517 minutes of "yellow" glare with potential to cause temporary after-image.





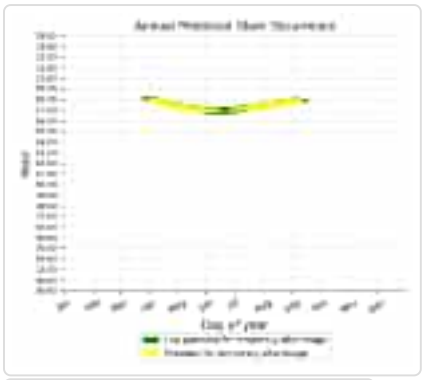


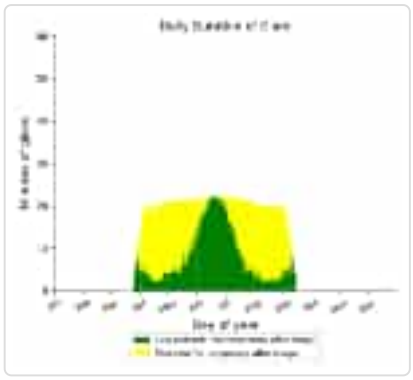


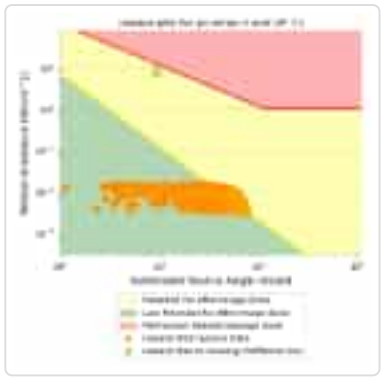
PV array 4: OP 73

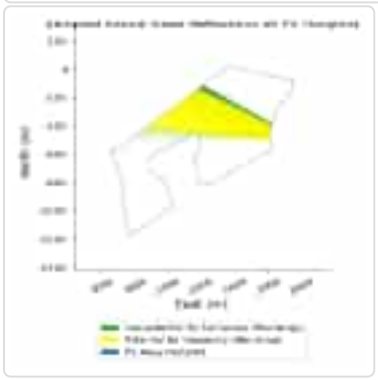
PV array is expected to produce the following glare for this receptor:

- 1,428 minutes of "green" glare with low potential to cause temporary after-image.
- 1,985 minutes of "yellow" glare with potential to cause temporary after-image.





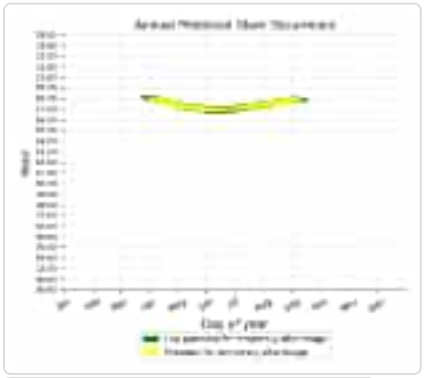


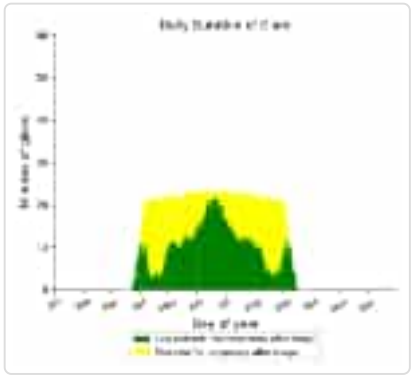


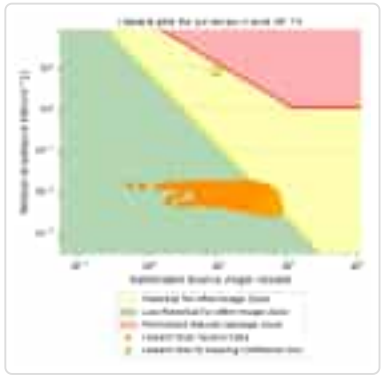
PV array 4: OP 74

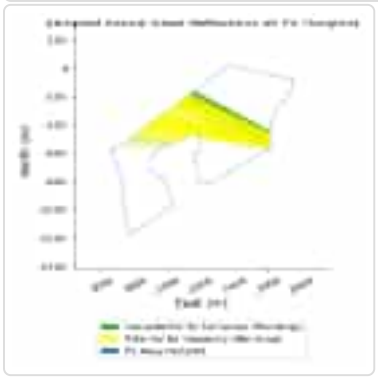
PV array is expected to produce the following glare for this receptor:

- 1,842 minutes of "green" glare with low potential to cause temporary after-image.
- 1,726 minutes of "yellow" glare with potential to cause temporary after-image.





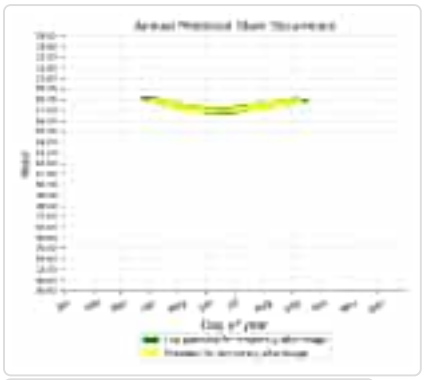


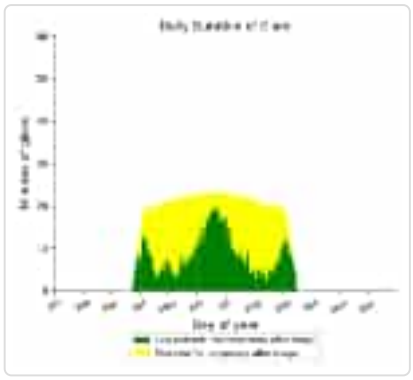


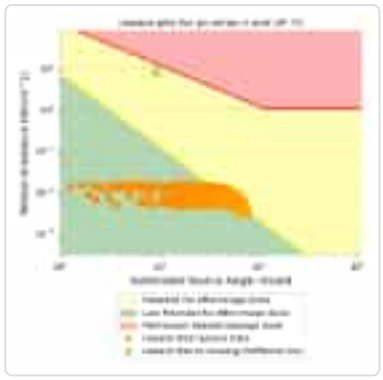
PV array 4: OP 75

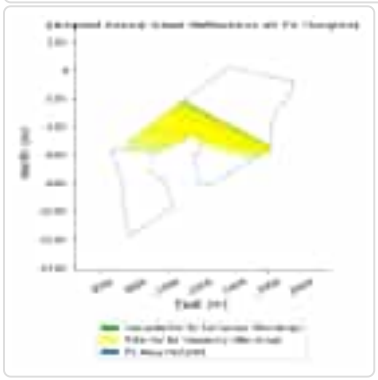
PV array is expected to produce the following glare for this receptor:

- 1,526 minutes of "green" glare with low potential to cause temporary after-image.
- 1,969 minutes of "yellow" glare with potential to cause temporary after-image.





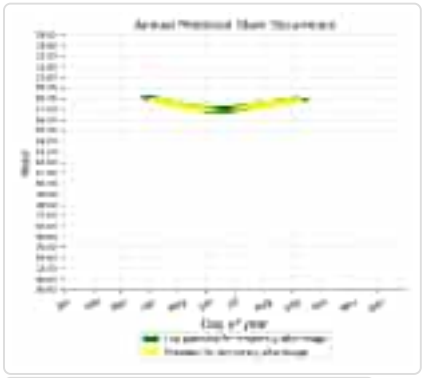


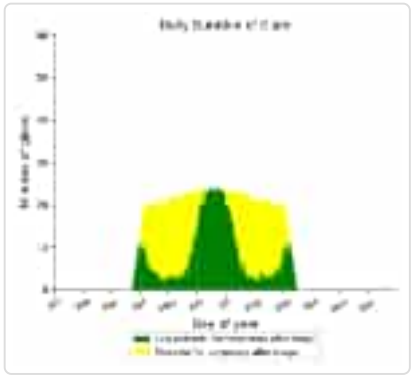


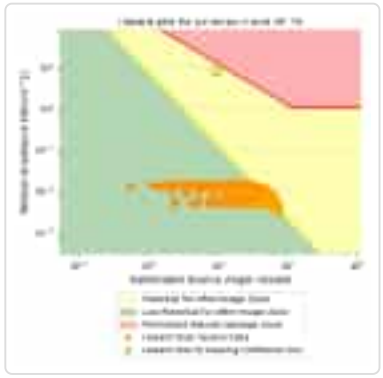
PV array 4: OP 76

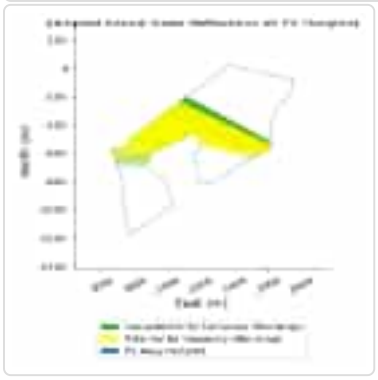
PV array is expected to produce the following glare for this receptor:

- 1,564 minutes of "green" glare with low potential to cause temporary after-image.
- 1,993 minutes of "yellow" glare with potential to cause temporary after-image.





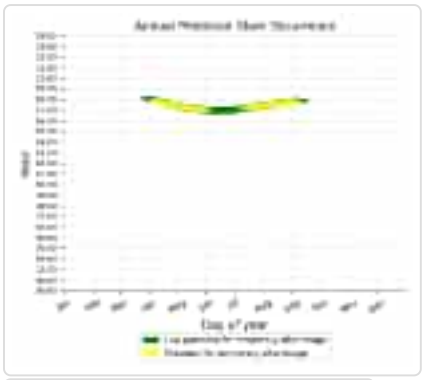


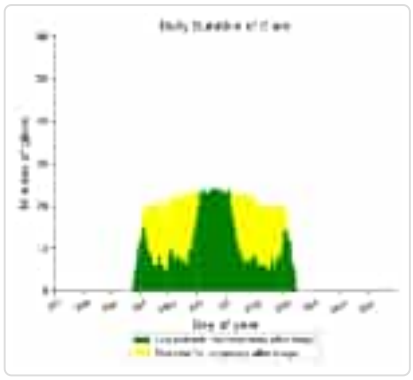


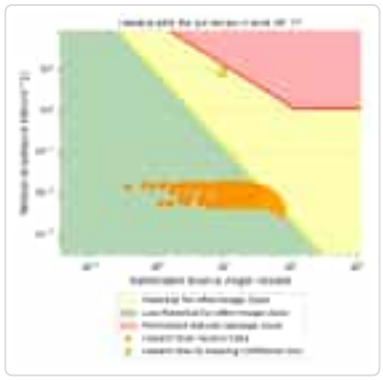
PV array 4: OP 77

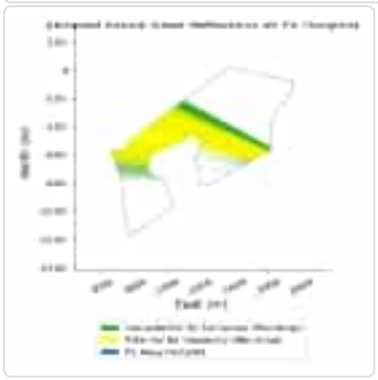
PV array is expected to produce the following glare for this receptor:

- 2,039 minutes of "green" glare with low potential to cause temporary after-image.
- 1,495 minutes of "yellow" glare with potential to cause temporary after-image.





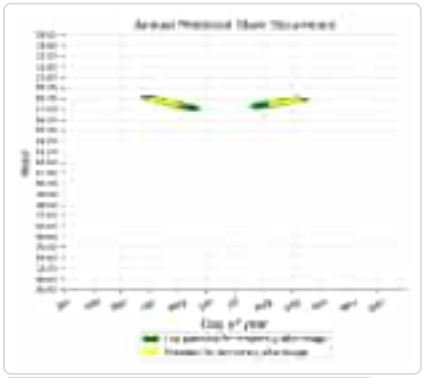


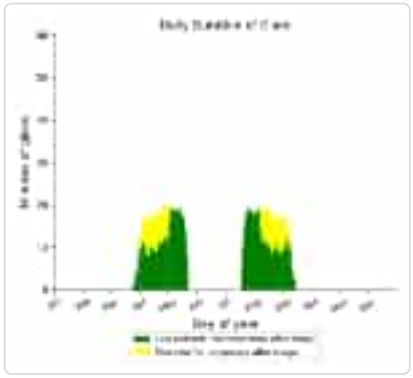


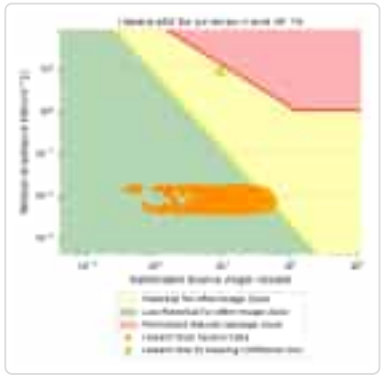
PV array 4: OP 78

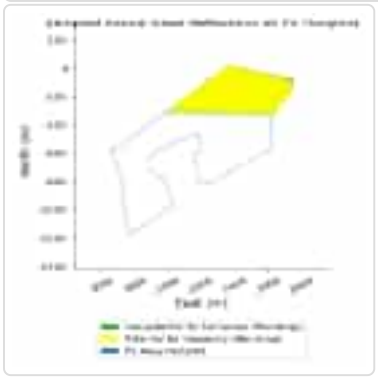
PV array is expected to produce the following glare for this receptor:

- 1,396 minutes of "green" glare with low potential to cause temporary after-image.
- 476 minutes of "yellow" glare with potential to cause temporary after-image.





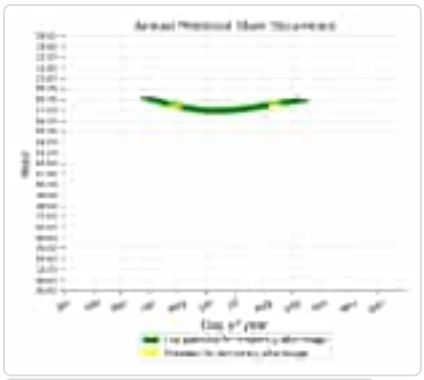


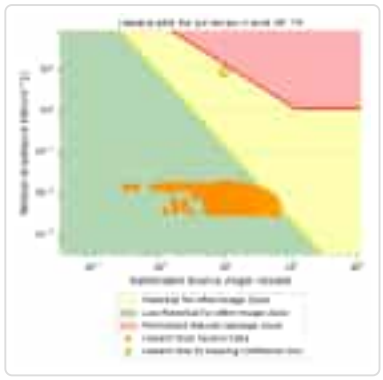


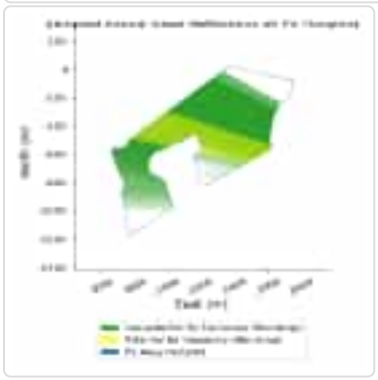
PV array 4: OP 79

PV array is expected to produce the following glare for this receptor:

- 2,863 minutes of "green" glare with low potential to cause temporary after-image.
- 70 minutes of "yellow" glare with potential to cause temporary after-image.



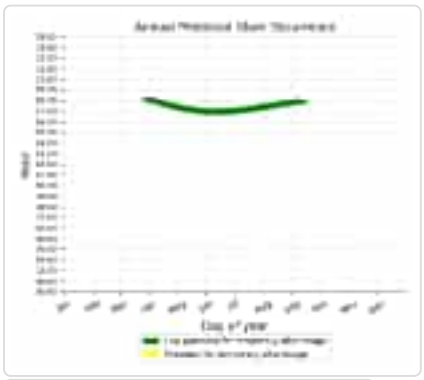


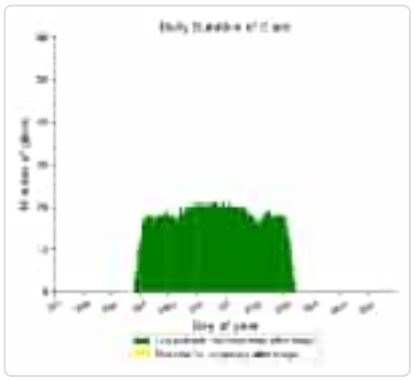


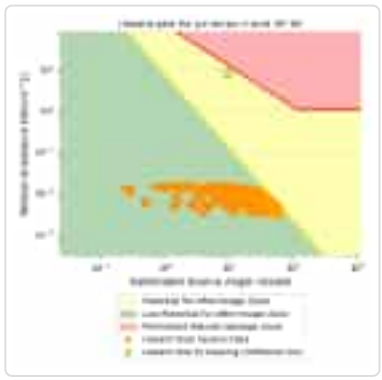
PV array 4: OP 80

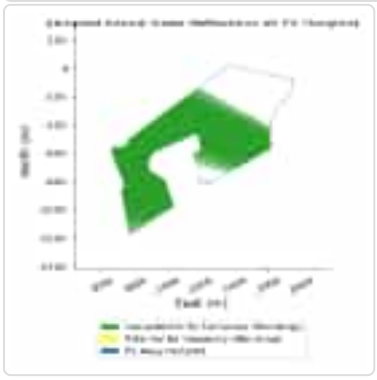
PV array is expected to produce the following glare for this receptor:

- 3,087 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	481	0
OP: OP 7	0	0
OP: OP 8	1542	0
OP: OP 9	1518	0
OP: OP 10	1567	0
OP: OP 11	1574	0
OP: OP 12	471	0
OP: OP 13	1190	0
OP: OP 14	1550	0
OP: OP 15	1725	0
OP: OP 16	1827	0
OP: OP 17	1825	0
OP: OP 18	2066	0
OP: OP 19	2242	0
OP: OP 20	2110	0
OP: OP 21	2656	0
OP: OP 22	2858	0
OP: OP 23	2305	0
OP: OP 24	2443	0
OP: OP 25	3227	0

OP: OP 26	3168	0
OP: OP 27	3312	0
OP: OP 28	3040	0
OP: OP 29	3571	0
OP: OP 30	2850	0
OP: OP 31	2614	0
OP: OP 32	2587	0
OP: OP 33	2550	0
OP: OP 34	2476	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	3607	0
OP: OP 39	2712	0
OP: OP 40	970	0
OP: OP 41	326	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	643	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	771	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	3610	0
OP: OP 79	0	0

OP: OP 80	0	0

PV array 5: OP 1

No glare found

PV array 5: OP 2

No glare found

PV array 5: OP 3

No glare found

PV array 5: OP 4

No glare found

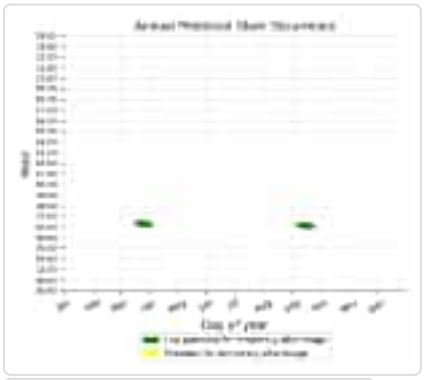
PV array 5: OP 5

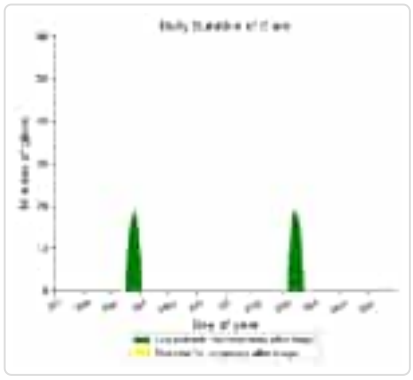
No glare found

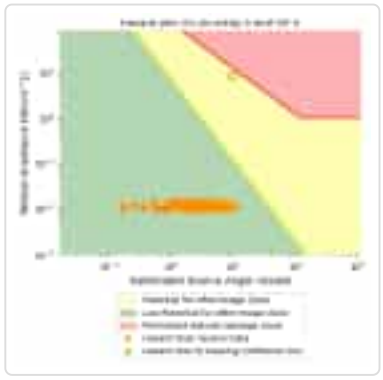
PV array 5: OP 6

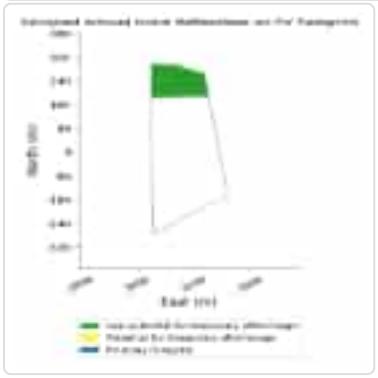
PV array is expected to produce the following glare for this receptor:

- 481 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









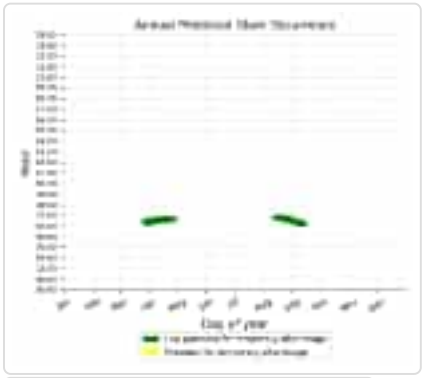
PV array 5: OP 7

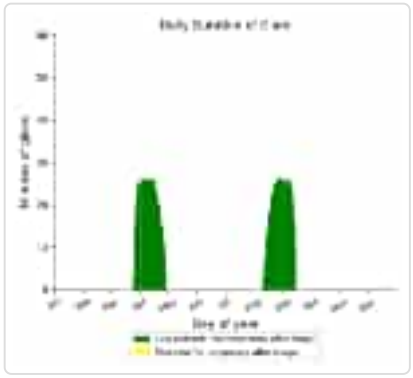
No glare found

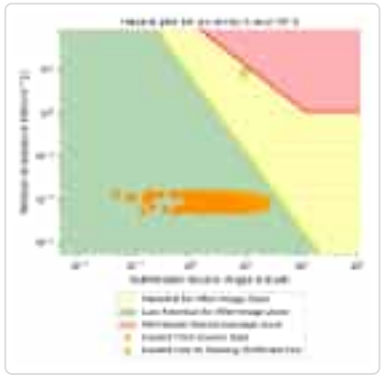
PV array 5: OP 8

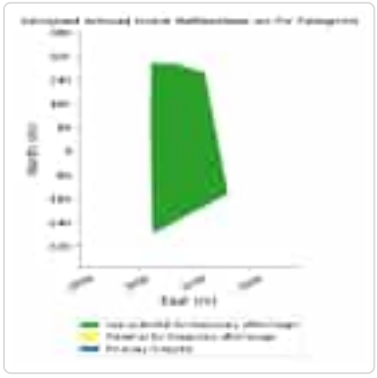
PV array is expected to produce the following glare for this receptor:

- 1,542 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





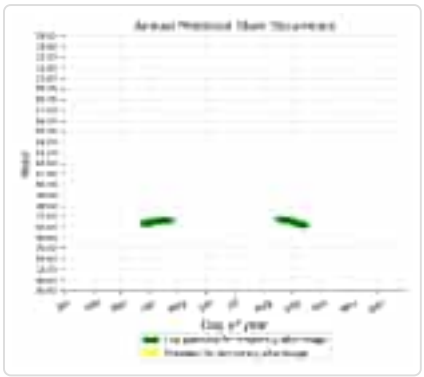


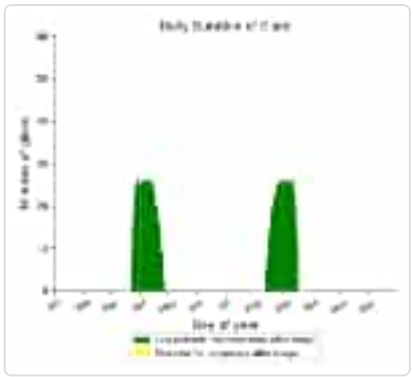


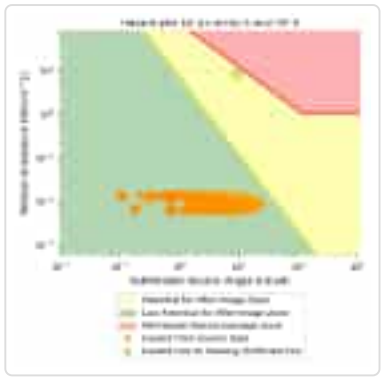
PV array 5: OP 9

PV array is expected to produce the following glare for this receptor:

- 1,518 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



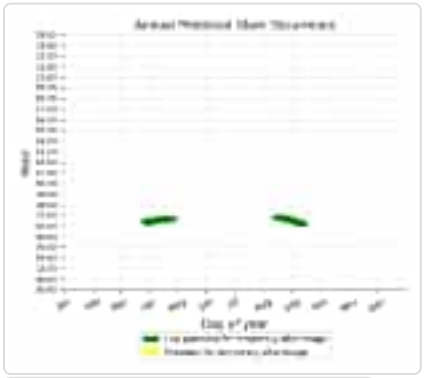


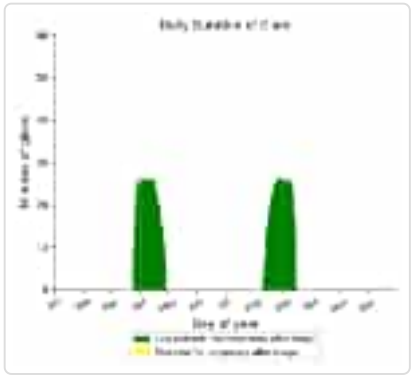


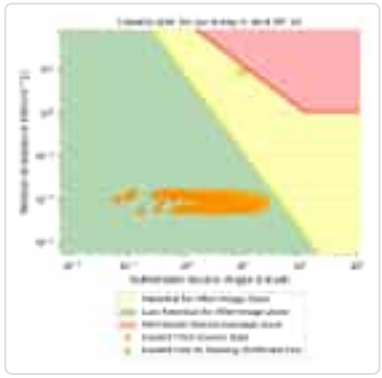
PV array 5: OP 10

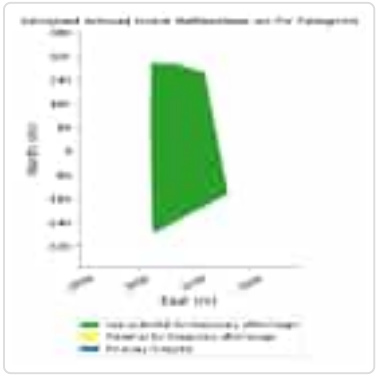
PV array is expected to produce the following glare for this receptor:

- 1,567 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





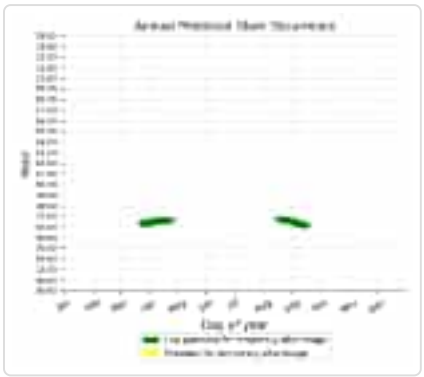


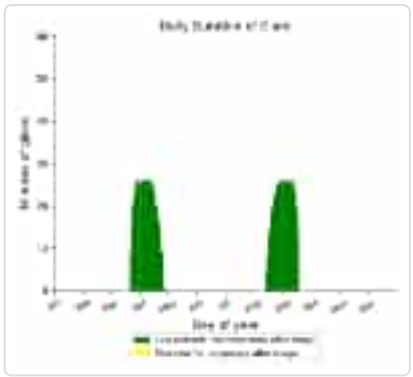


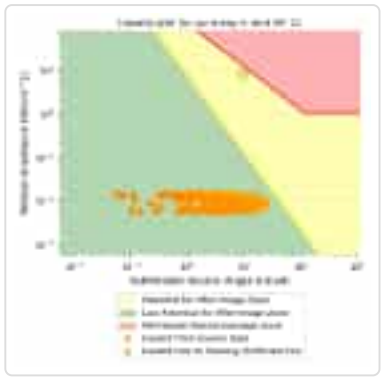
PV array 5: OP 11

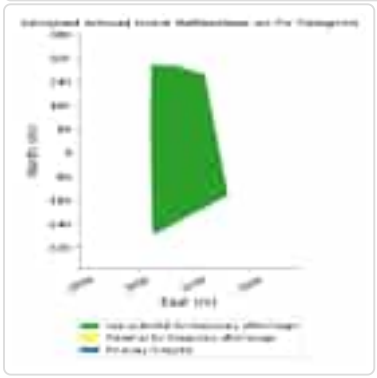
PV array is expected to produce the following glare for this receptor:

- 1,574 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





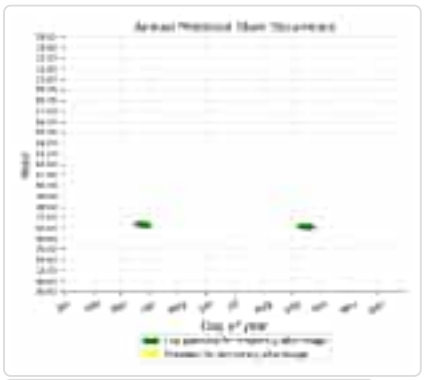


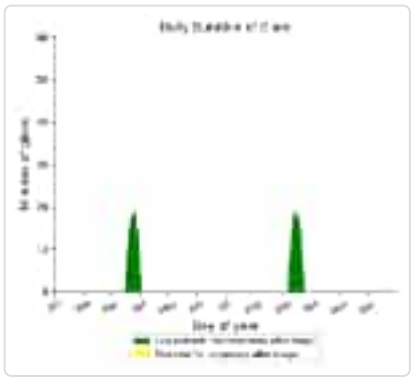


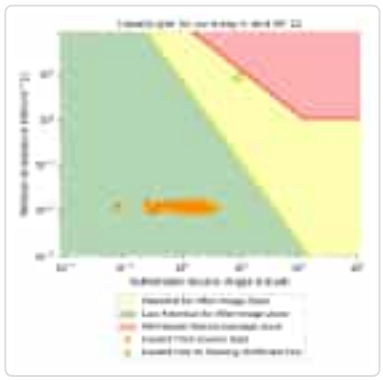
PV array 5: OP 12

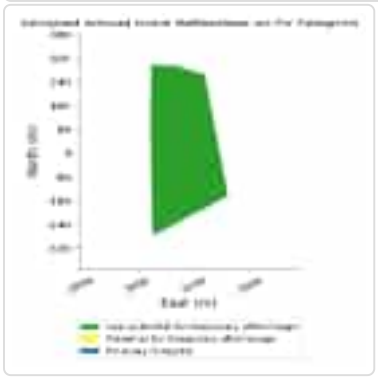
PV array is expected to produce the following glare for this receptor:

- 471 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





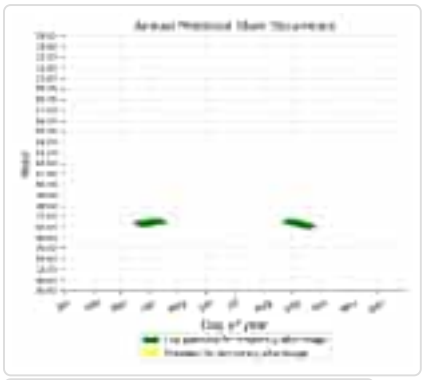


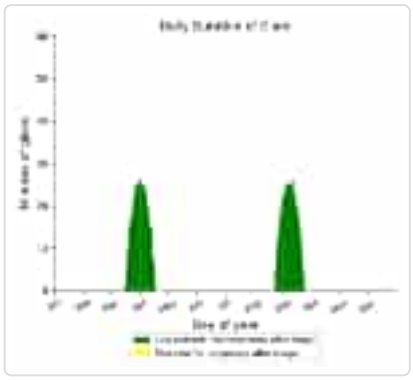


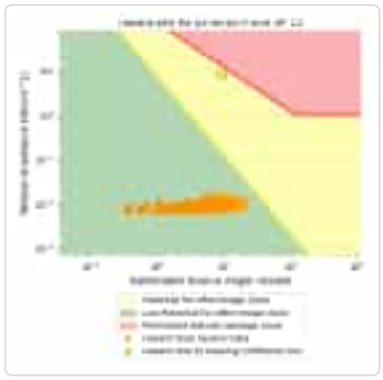
PV array 5: OP 13

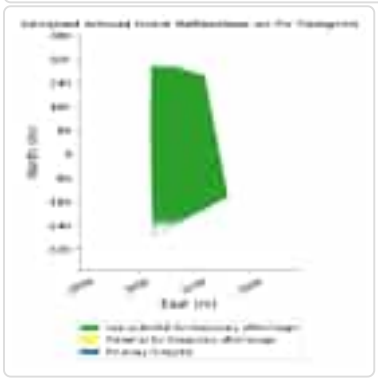
PV array is expected to produce the following glare for this receptor:

- 1,190 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





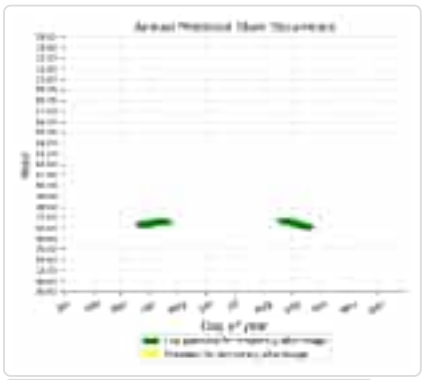


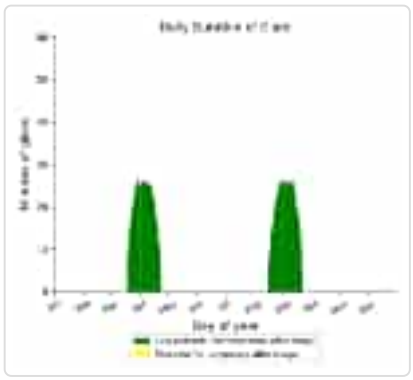


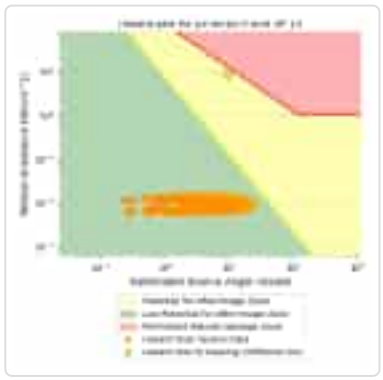
PV array 5: OP 14

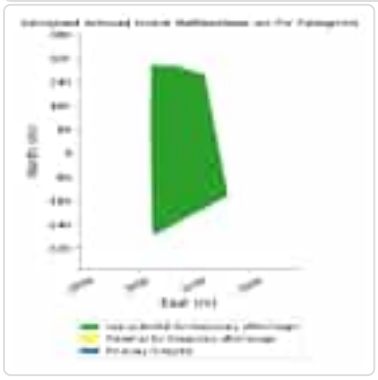
PV array is expected to produce the following glare for this receptor:

- 1,550 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





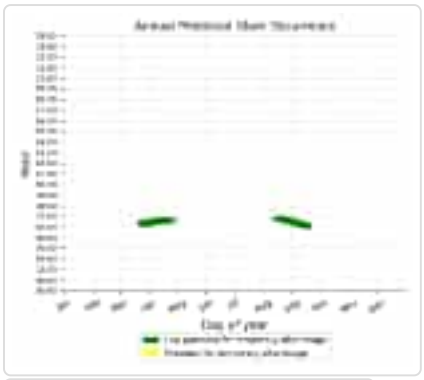


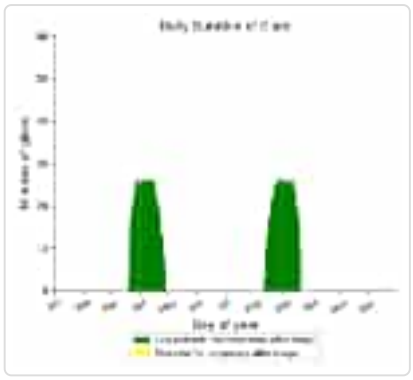


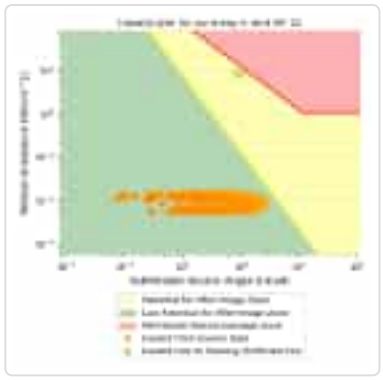
PV array 5: OP 15

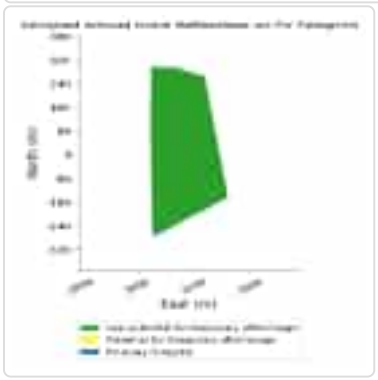
PV array is expected to produce the following glare for this receptor:

- 1,725 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





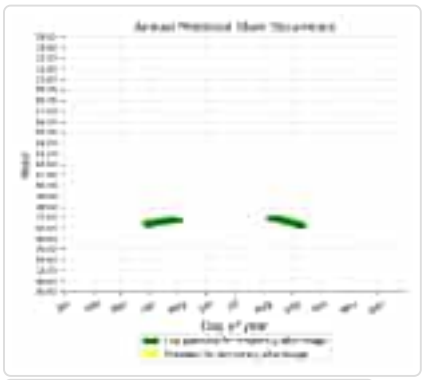


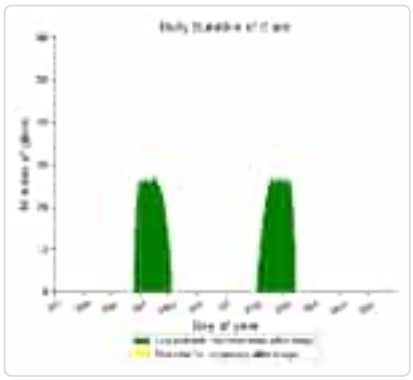


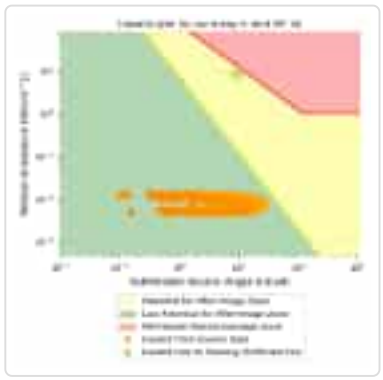
PV array 5: OP 16

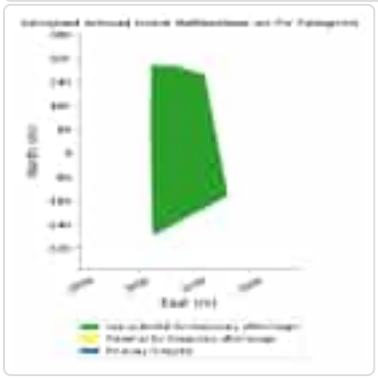
PV array is expected to produce the following glare for this receptor:

- 1,827 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





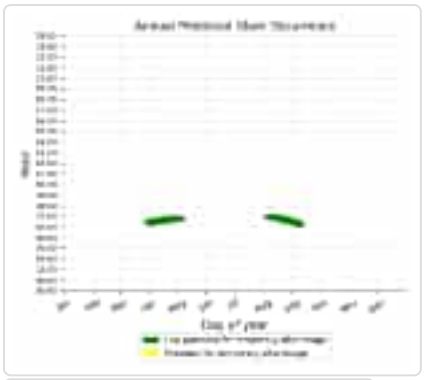


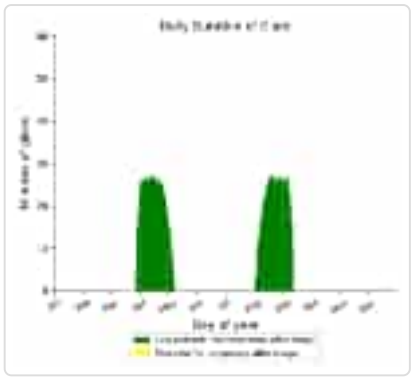


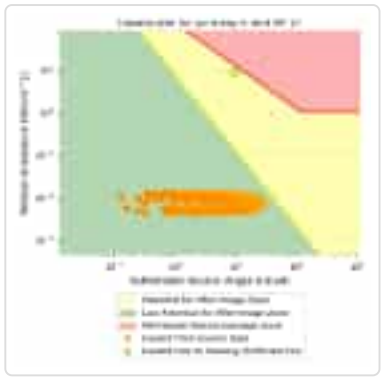
PV array 5: OP 17

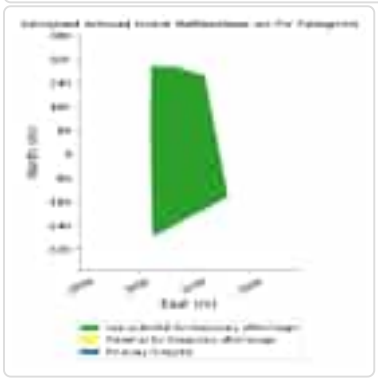
PV array is expected to produce the following glare for this receptor:

- 1,825 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





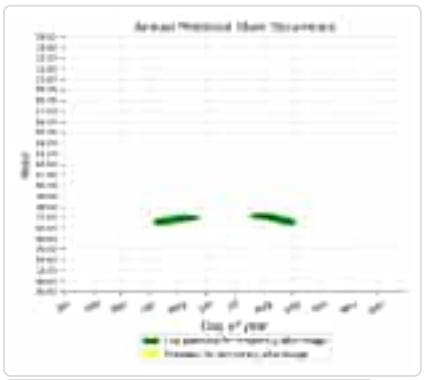


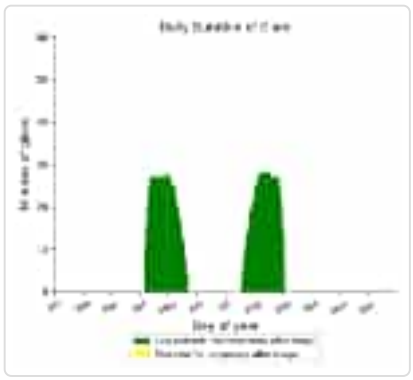


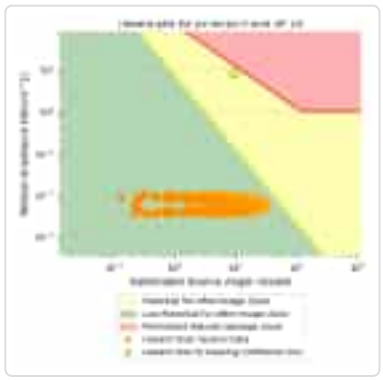
PV array 5: OP 18

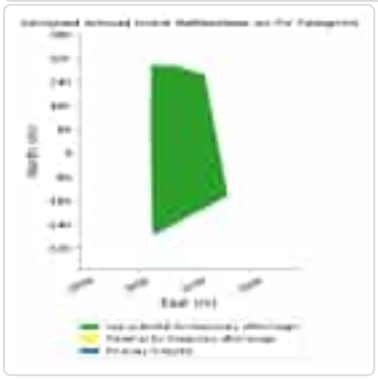
PV array is expected to produce the following glare for this receptor:

- 2,066 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





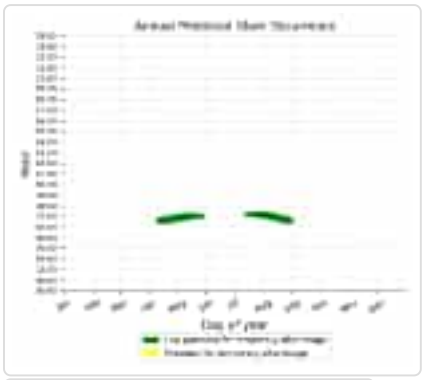


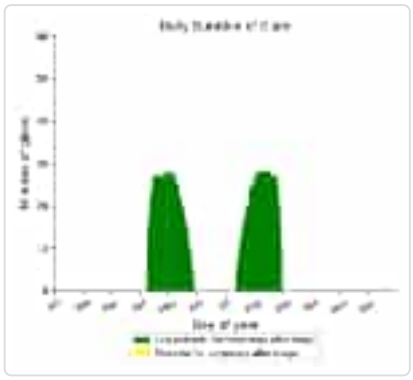


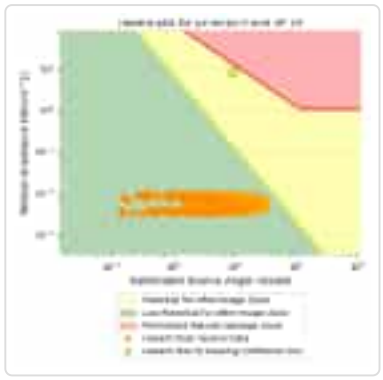
PV array 5: OP 19

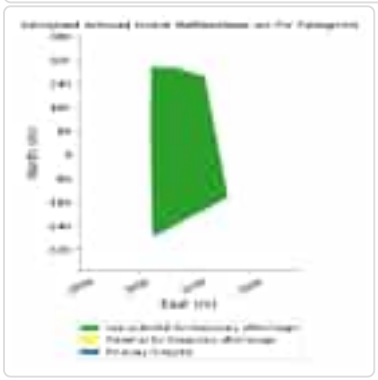
PV array is expected to produce the following glare for this receptor:

- 2,242 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





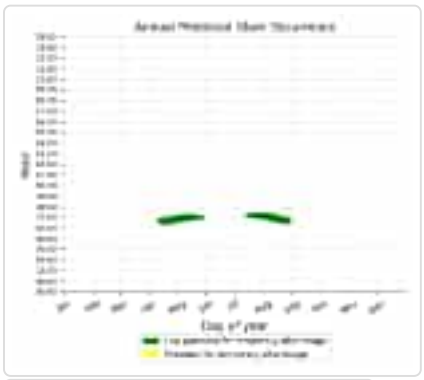


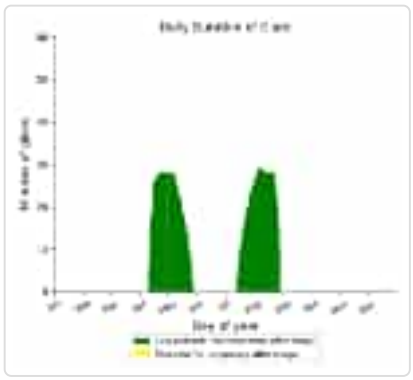


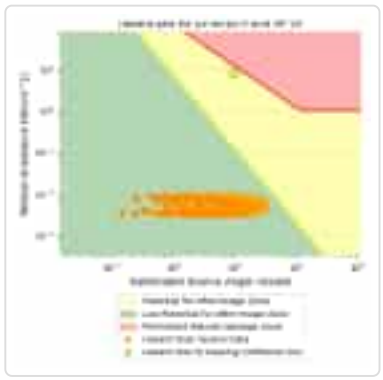
PV array 5: OP 20

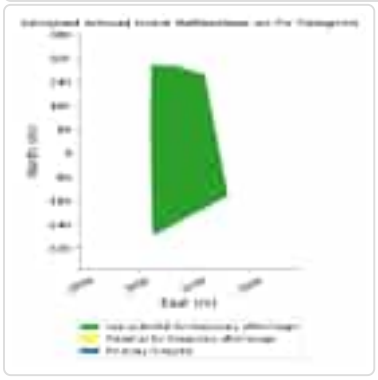
PV array is expected to produce the following glare for this receptor:

- 2,110 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





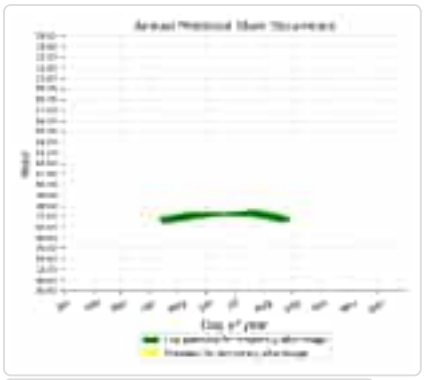


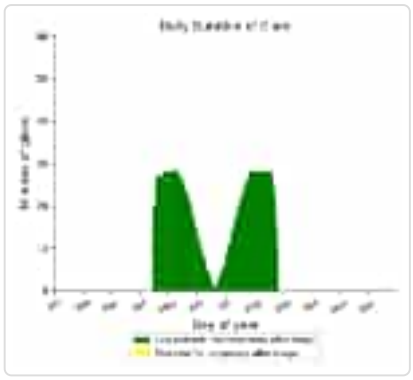


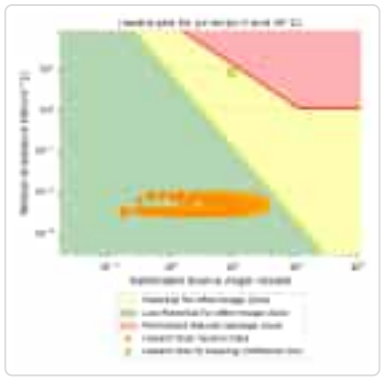
PV array 5: OP 21

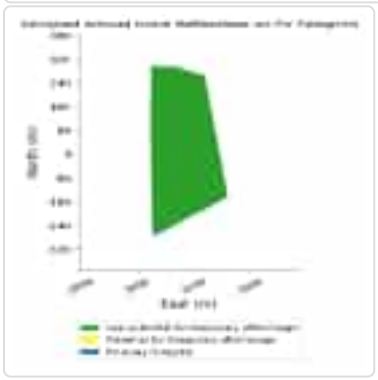
PV array is expected to produce the following glare for this receptor:

- 2,656 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





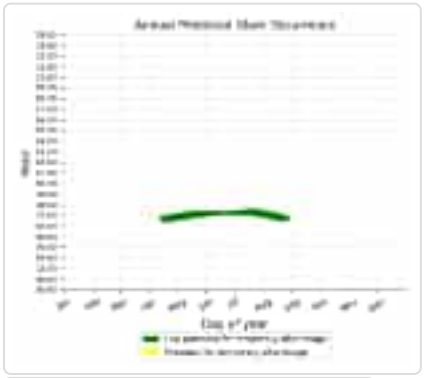


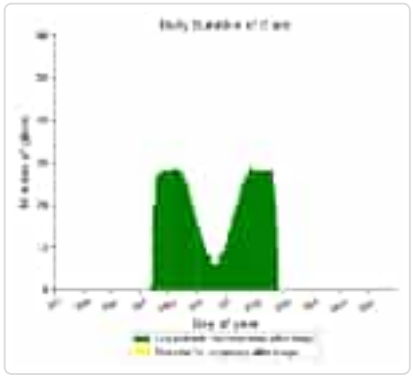


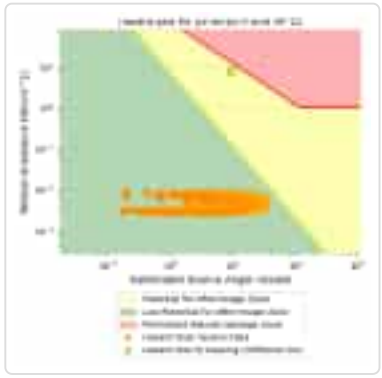
PV array 5: OP 22

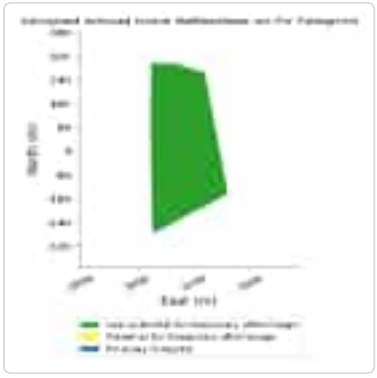
PV array is expected to produce the following glare for this receptor:

- 2,858 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





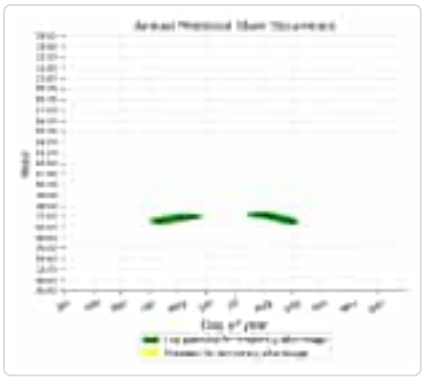


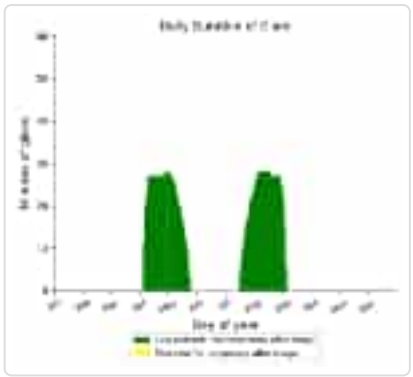


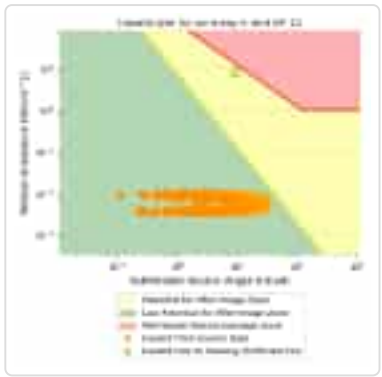
PV array 5: OP 23

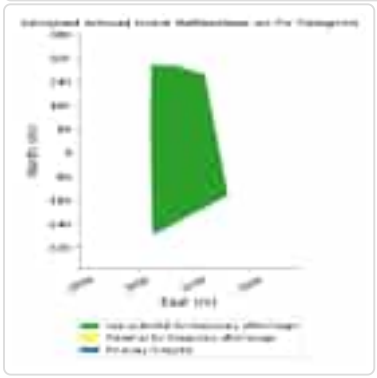
PV array is expected to produce the following glare for this receptor:

- 2,305 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





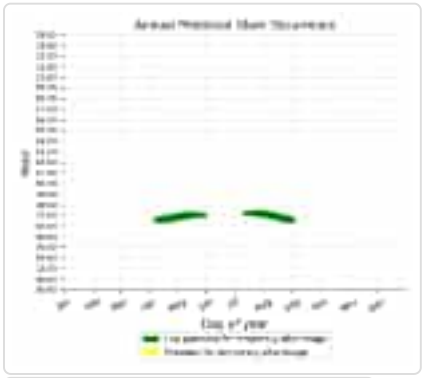


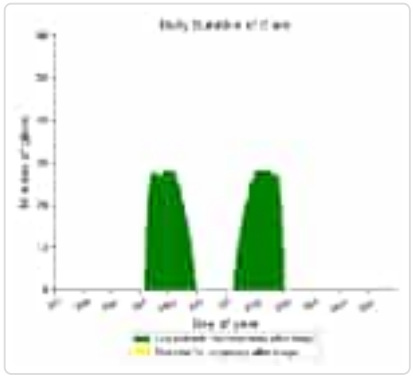


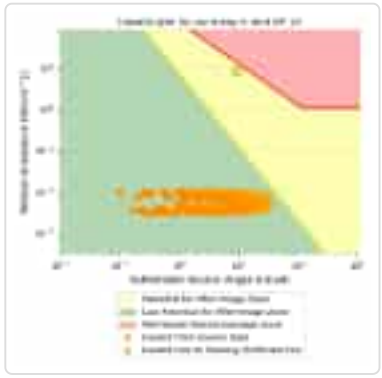
PV array 5: OP 24

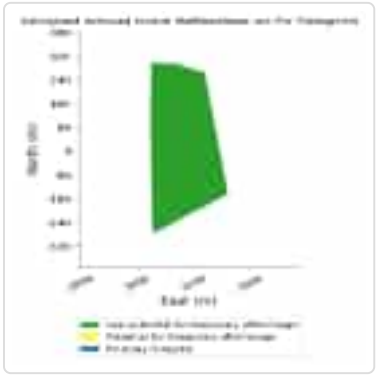
PV array is expected to produce the following glare for this receptor:

- 2,443 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





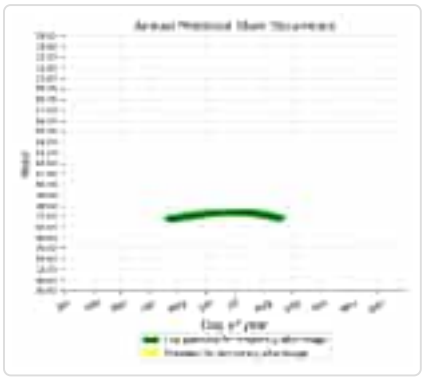


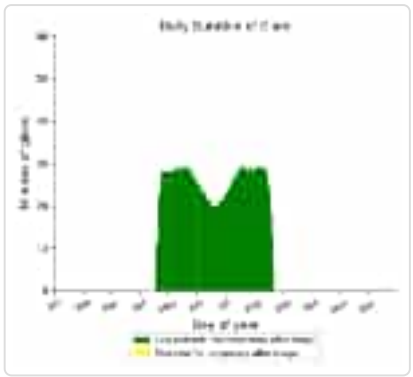


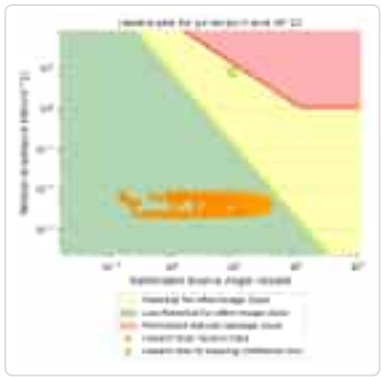
PV array 5: OP 25

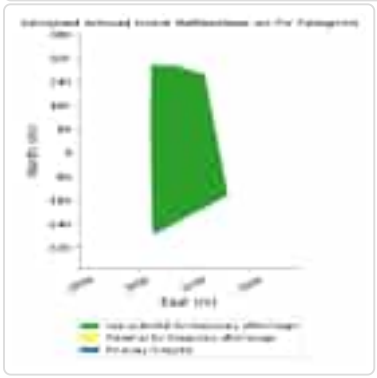
PV array is expected to produce the following glare for this receptor:

- 3,227 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





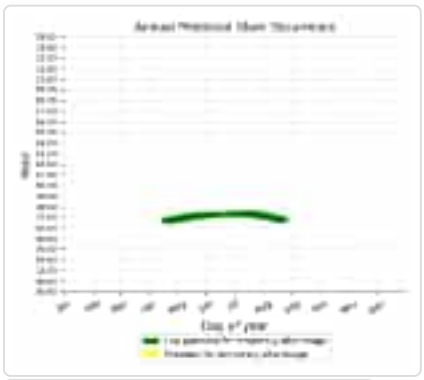


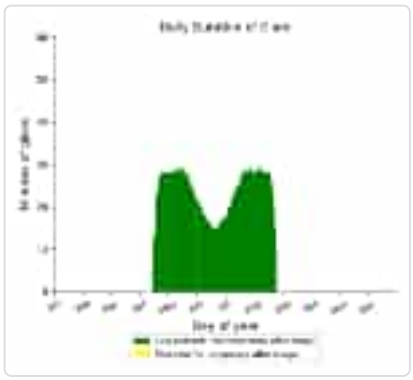


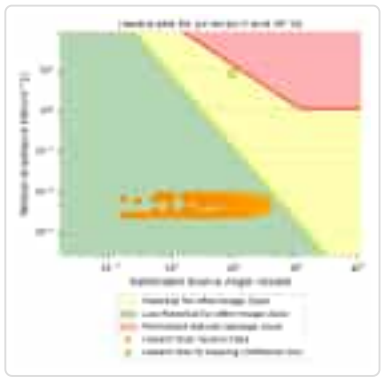
PV array 5: OP 26

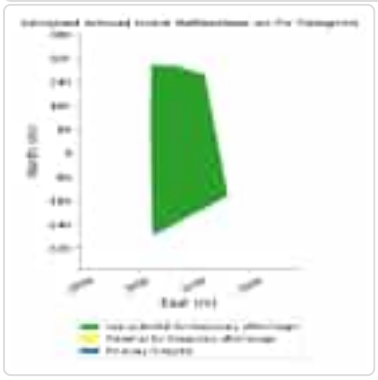
PV array is expected to produce the following glare for this receptor:

- 3,168 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





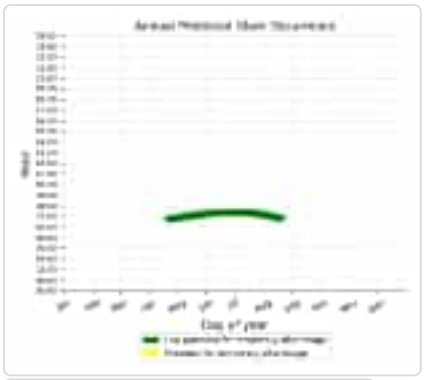


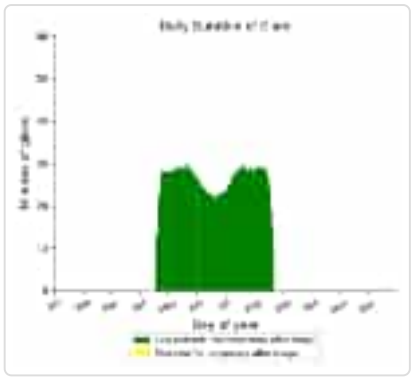


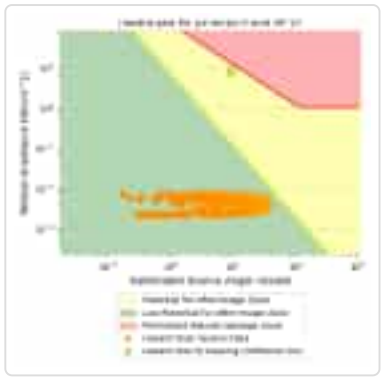
PV array 5: OP 27

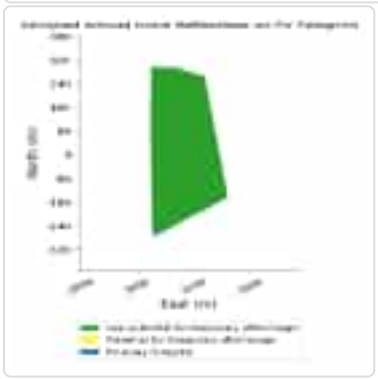
PV array is expected to produce the following glare for this receptor:

- 3,312 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





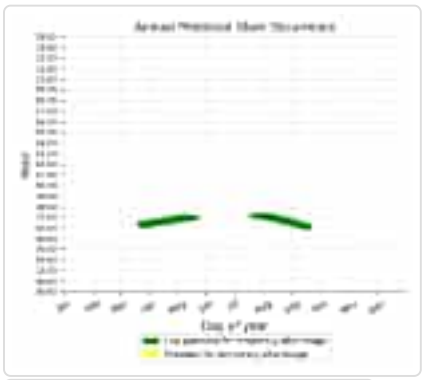


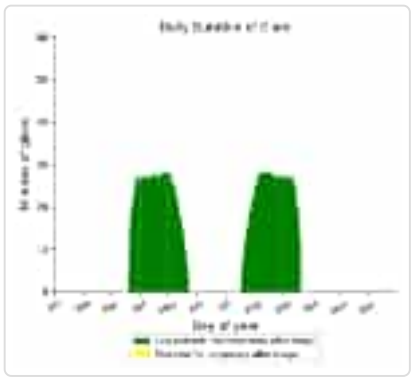


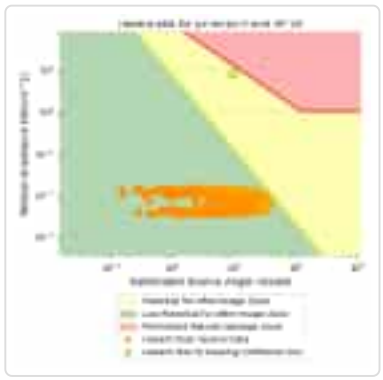
PV array 5: OP 28

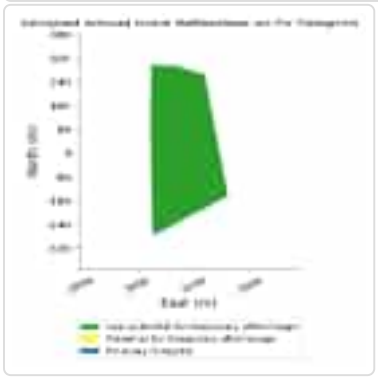
PV array is expected to produce the following glare for this receptor:

- 3,040 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





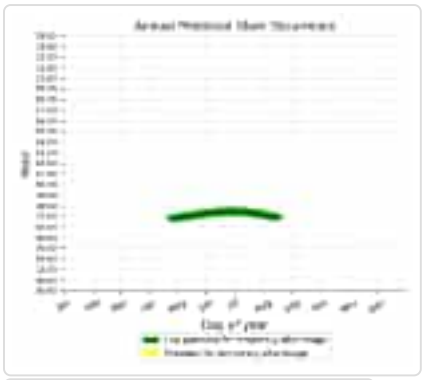


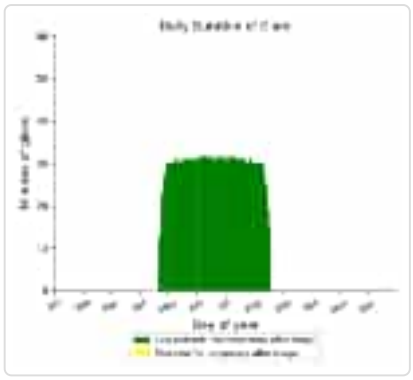


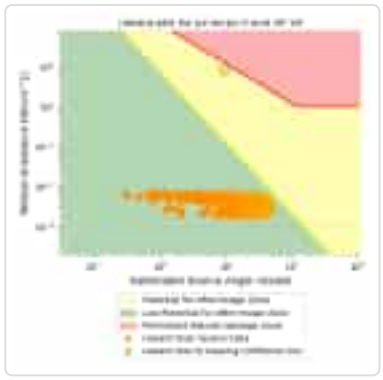
PV array 5: OP 29

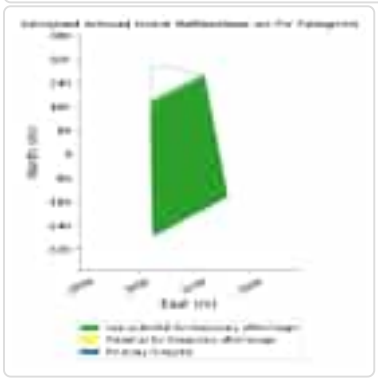
PV array is expected to produce the following glare for this receptor:

- 3,571 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





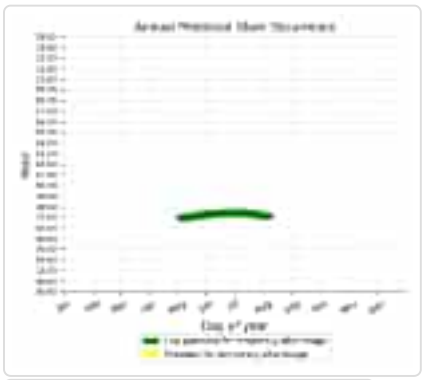


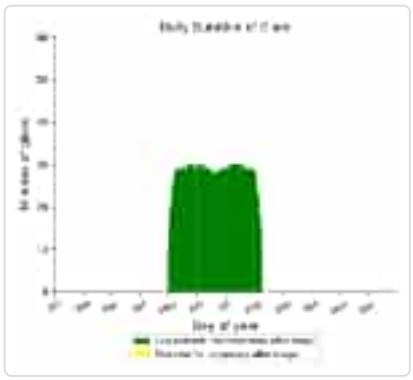


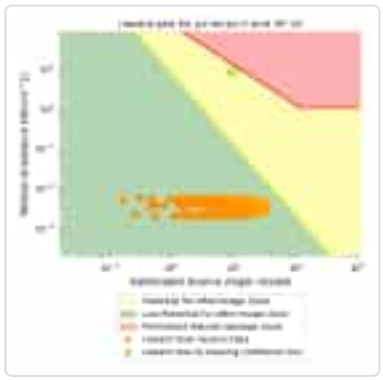
PV array 5: OP 30

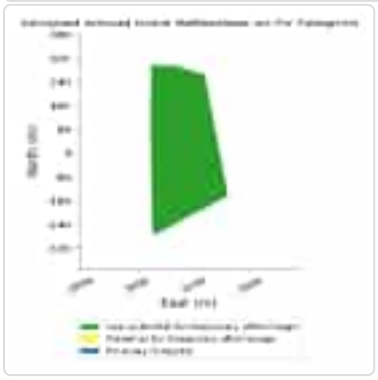
PV array is expected to produce the following glare for this receptor:

- 2,850 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





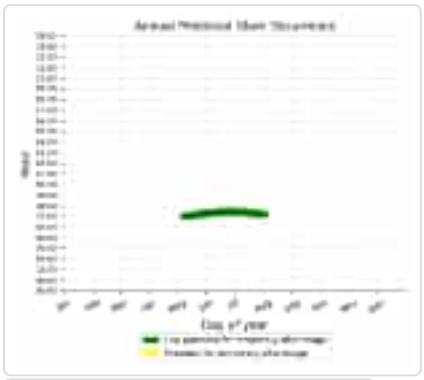


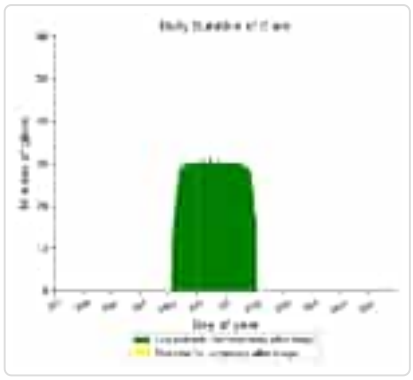


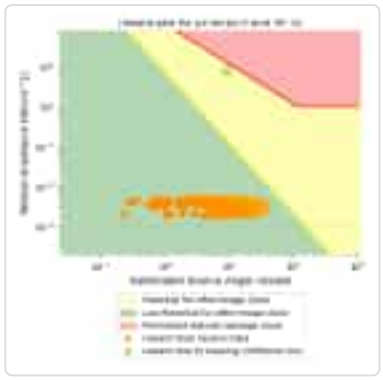
PV array 5: OP 31

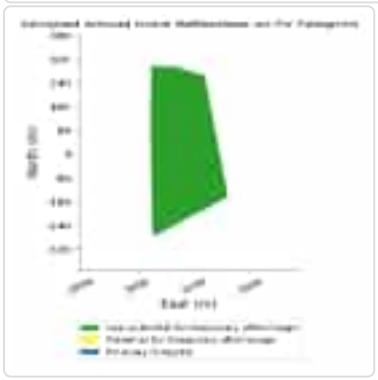
PV array is expected to produce the following glare for this receptor:

- 2,614 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





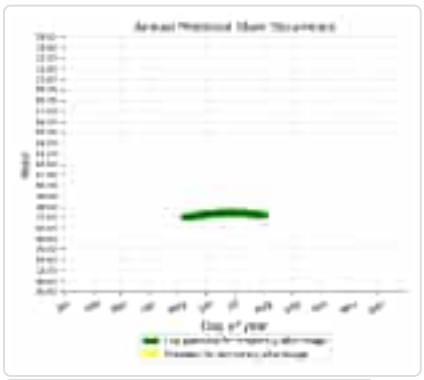


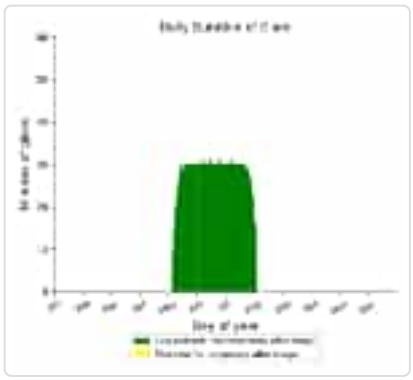


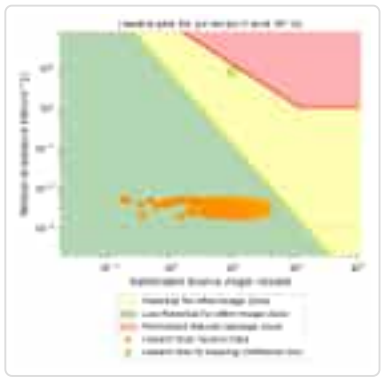
PV array 5: OP 32

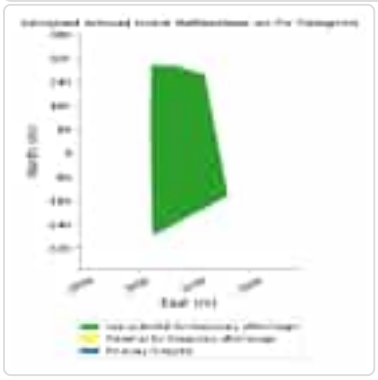
PV array is expected to produce the following glare for this receptor:

- 2,587 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





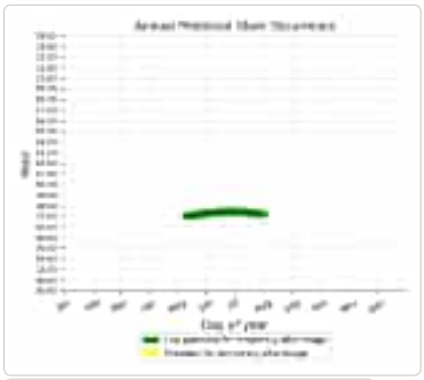


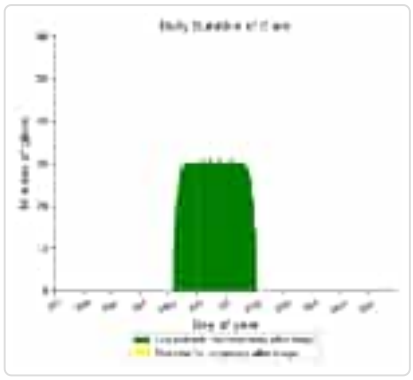


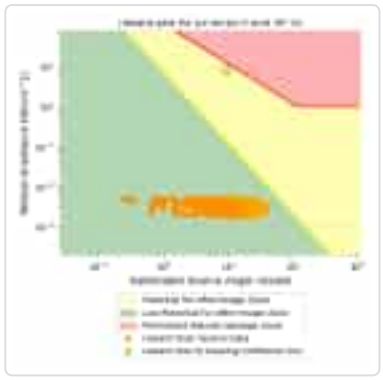
PV array 5: OP 33

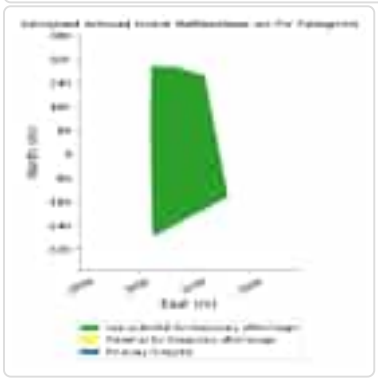
PV array is expected to produce the following glare for this receptor:

- 2,550 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





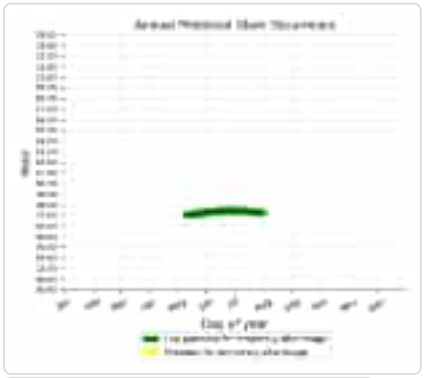


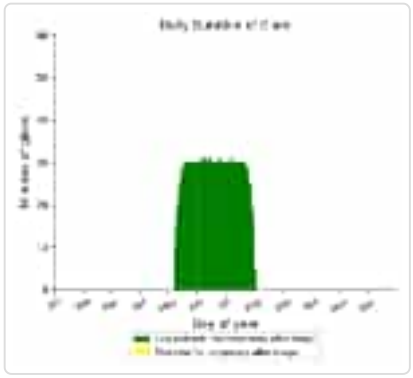


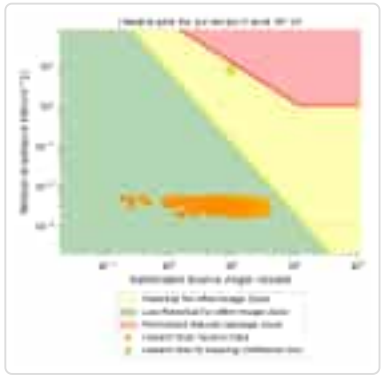
PV array 5: OP 34

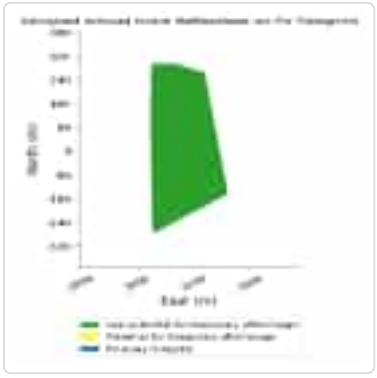
PV array is expected to produce the following glare for this receptor:

- 2,476 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 35

No glare found

PV array 5: OP 36

No glare found

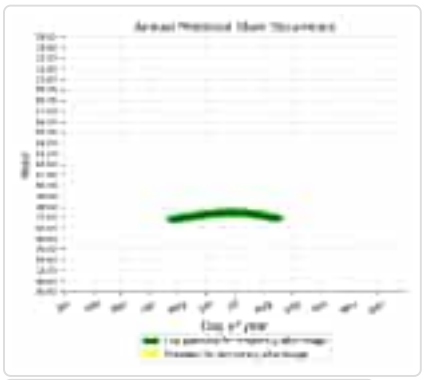
PV array 5: OP 37

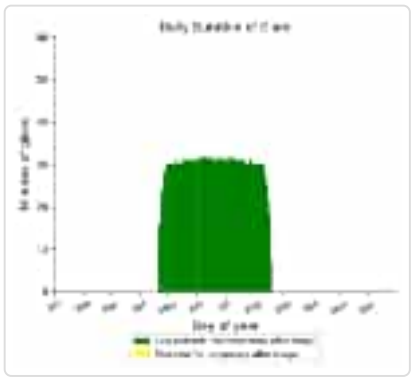
No glare found

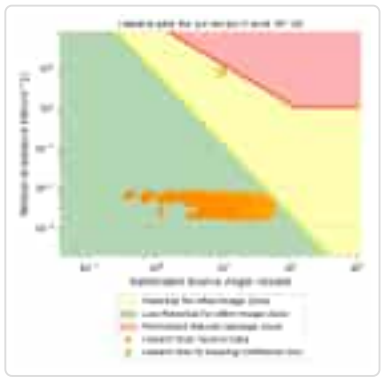
PV array 5: OP 38

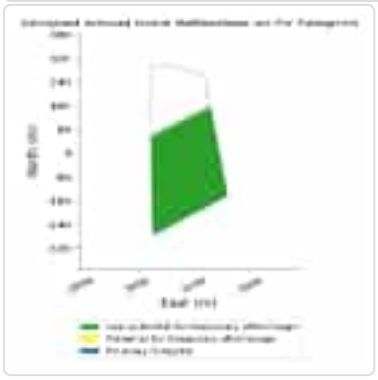
PV array is expected to produce the following glare for this receptor:

- 3,607 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





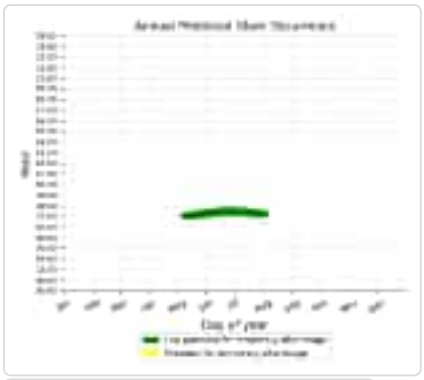


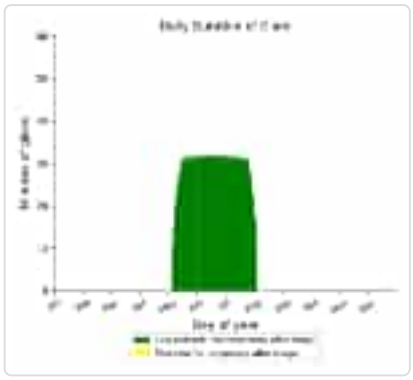


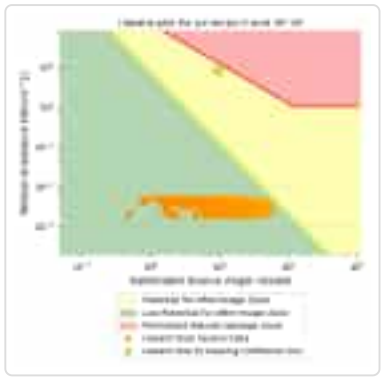
PV array 5: OP 39

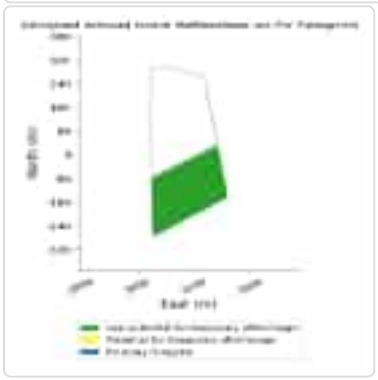
PV array is expected to produce the following glare for this receptor:

- 2,712 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





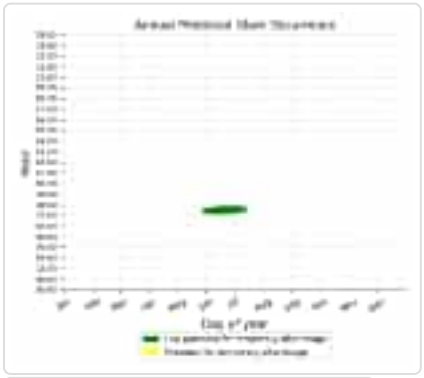


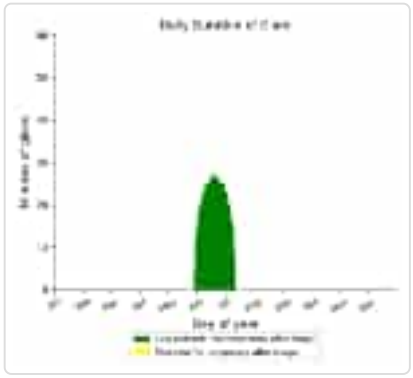


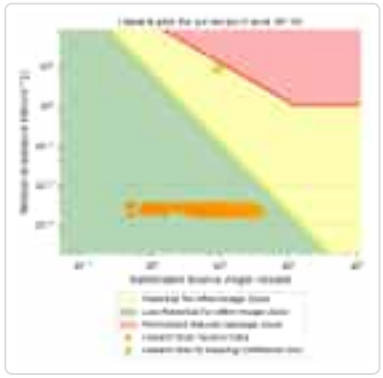
PV array 5: OP 40

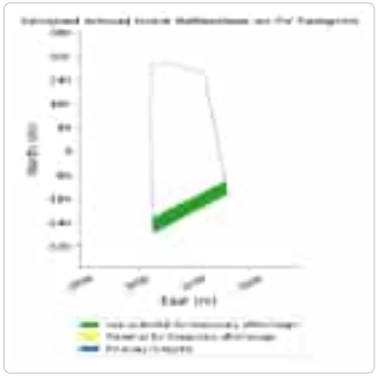
PV array is expected to produce the following glare for this receptor:

- 970 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





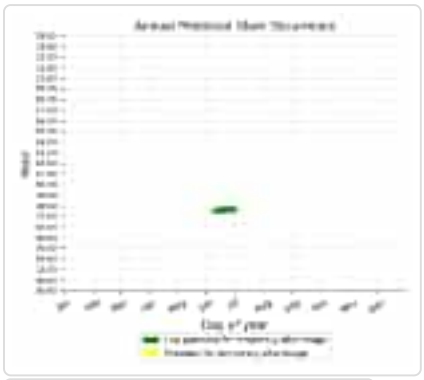


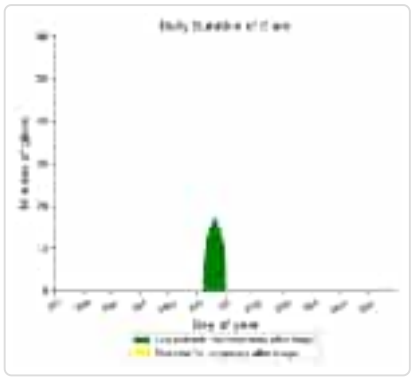


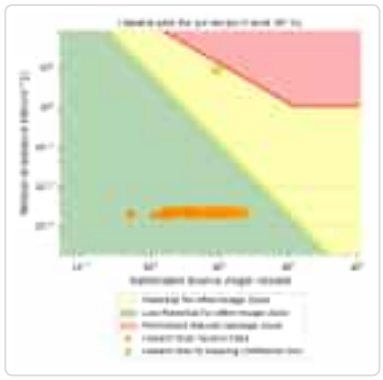
PV array 5: OP 41

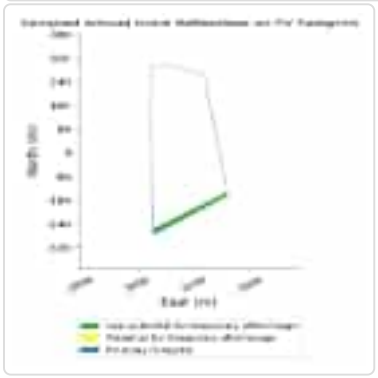
PV array is expected to produce the following glare for this receptor:

- 326 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 42

No glare found

PV array 5: OP 43

No glare found

PV array 5: OP 44

No glare found

PV array 5: OP 45

No glare found

PV array 5: OP 46

No glare found

PV array 5: OP 47

No glare found

PV array 5: OP 48

No glare found

PV array 5: OP 49

No glare found

PV array 5: OP 50

No glare found

PV array 5: OP 51

No glare found

PV array 5: OP 52

No glare found

PV array 5: OP 53

No glare found

PV array 5: OP 54

No glare found

PV array 5: OP 55

No glare found

PV array 5: OP 56

No glare found

PV array 5: OP 57

No glare found

PV array 5: OP 58

No glare found

PV array 5: OP 59

No glare found

PV array 5: OP 60

No glare found

PV array 5: OP 61

No glare found

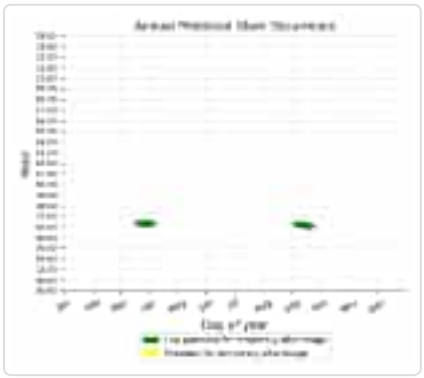
PV array 5: OP 62

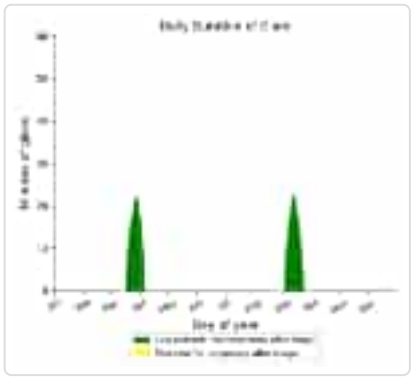
No glare found

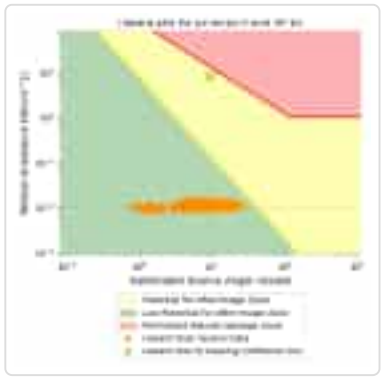
PV array 5: OP 63

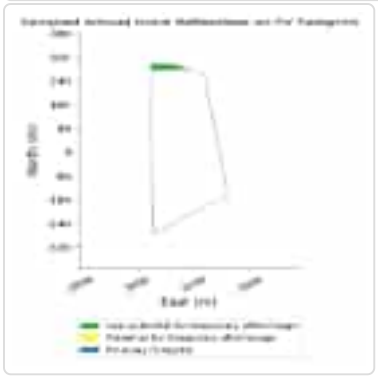
PV array is expected to produce the following glare for this receptor:

- 643 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 64

No glare found

PV array 5: OP 65

No glare found

PV array 5: OP 66

No glare found

PV array 5: OP 67

No glare found

PV array 5: OP 68

No glare found

PV array 5: OP 69

No glare found

PV array 5: OP 70

No glare found

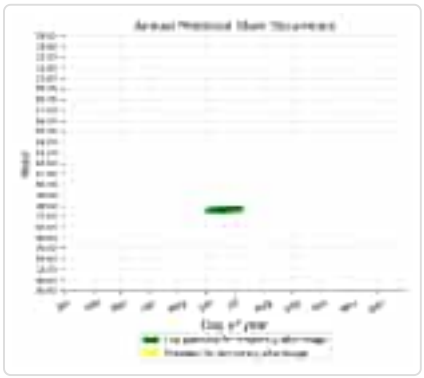
PV array 5: OP 71

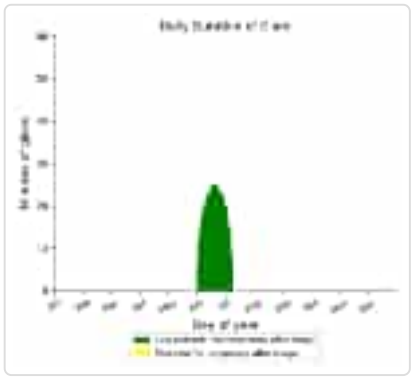
No glare found

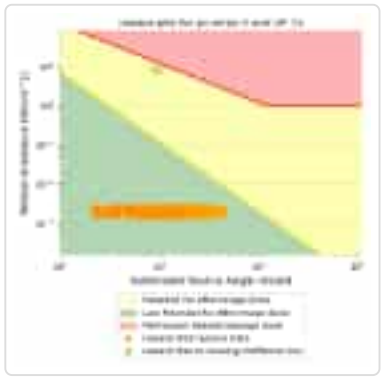
PV array 5: OP 72

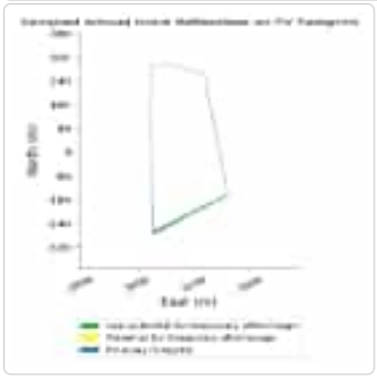
PV array is expected to produce the following glare for this receptor:

- 771 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 73

No glare found

PV array 5: OP 74

No glare found

PV array 5: OP 75

No glare found

PV array 5: OP 76

No glare found

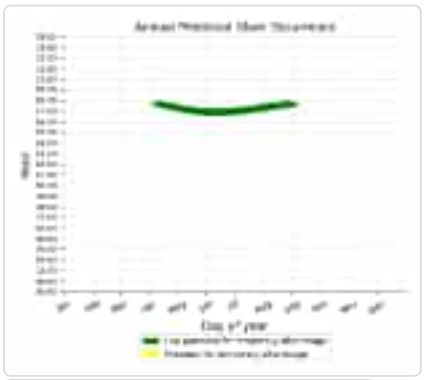
PV array 5: OP 77

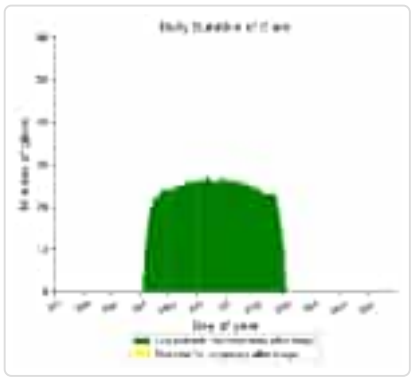
No glare found

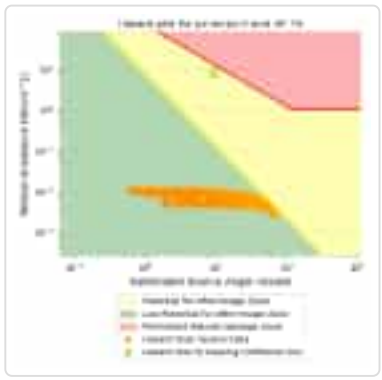
PV array 5: OP 78

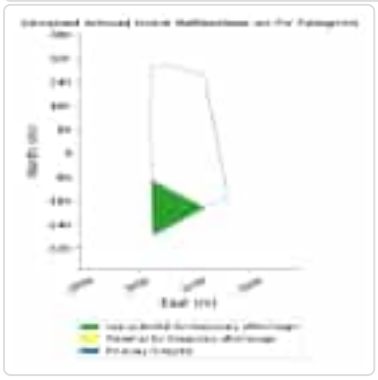
PV array is expected to produce the following glare for this receptor:

- 3,610 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 79

No glare found

PV array 5: OP 80

No glare found

PV array 6 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	52	0
OP: OP 9	0	0
OP: OP 10	17	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	55	0
OP: OP 18	414	0

OP: OP 19	542	0
OP: OP 20	655	0
OP: OP 21	784	0
OP: OP 22	667	0
OP: OP 23	298	0
OP: OP 24	435	0
OP: OP 25	972	0
OP: OP 26	700	0
OP: OP 27	940	0
OP: OP 28	0	0
OP: OP 29	346	0
OP: OP 30	1602	0
OP: OP 31	1864	0
OP: OP 32	1954	0
OP: OP 33	2072	0
OP: OP 34	2153	0
OP: OP 35	2971	0
OP: OP 36	2990	0
OP: OP 37	3192	0
OP: OP 38	0	0
OP: OP 39	730	0
OP: OP 40	0	0
OP: OP 41	1427	108
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0

OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	152	0
OP: OP 76	1438	57
OP: OP 77	2125	857
OP: OP 78	0	0
OP: OP 79	1084	60
OP: OP 80	2818	86

PV array 6: OP 1

No glare found

PV array 6: OP 2

No glare found

PV array 6: OP 3

No glare found

PV array 6: OP 4

No glare found

PV array 6: OP 5

No glare found

PV array 6: OP 6

No glare found

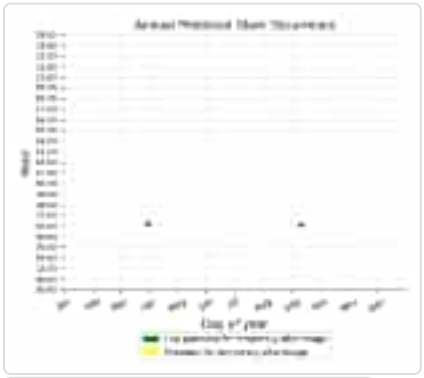
PV array 6: OP 7

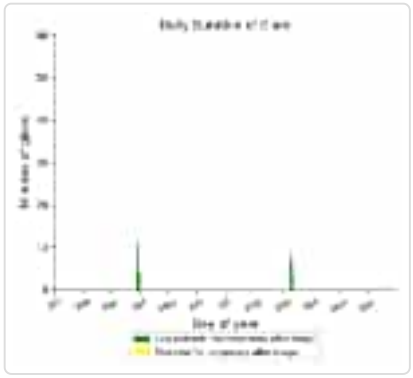
No glare found

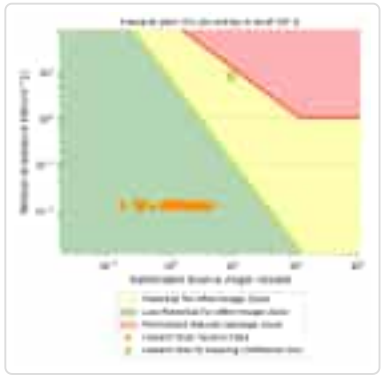
PV array 6: OP 8

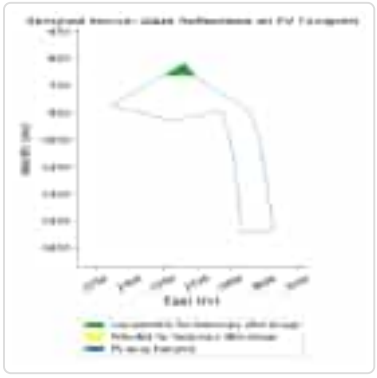
PV array is expected to produce the following glare for this receptor:

- 52 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









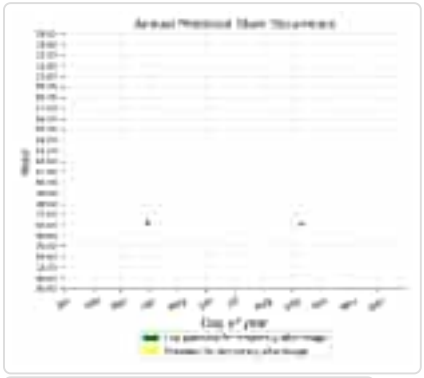
PV array 6: OP 9

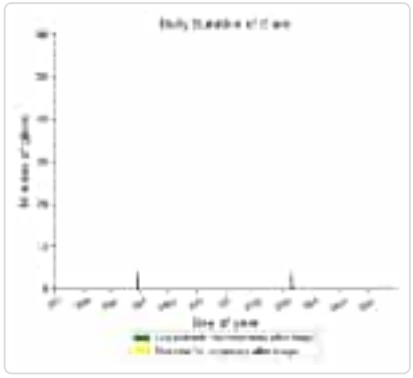
No glare found

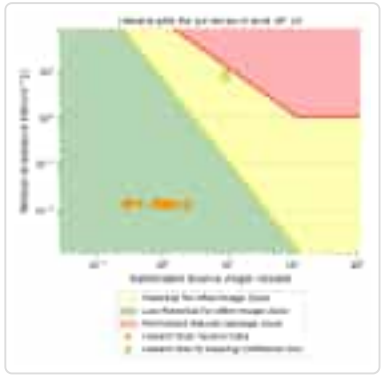
PV array 6: OP 10

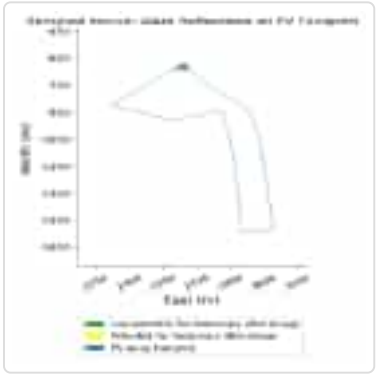
PV array is expected to produce the following glare for this receptor:

- 17 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 11

No glare found

PV array 6: OP 12

No glare found

PV array 6: OP 13

No glare found

PV array 6: OP 14

No glare found

PV array 6: OP 15

No glare found

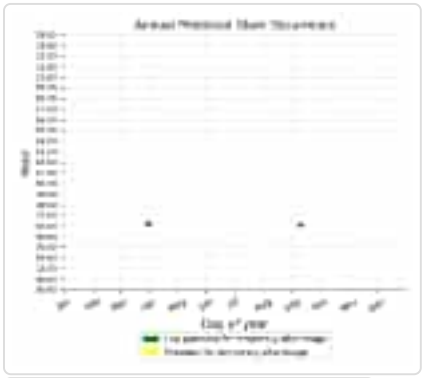
PV array 6: OP 16

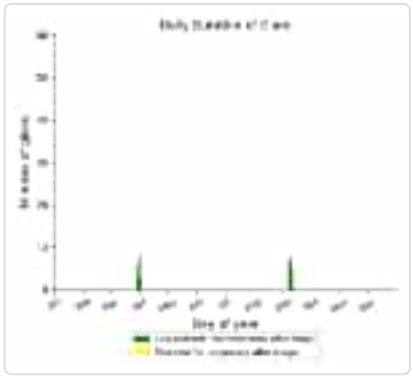
No glare found

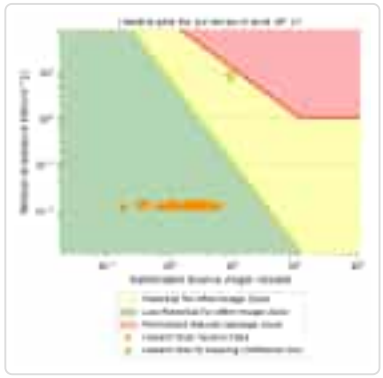
PV array 6: OP 17

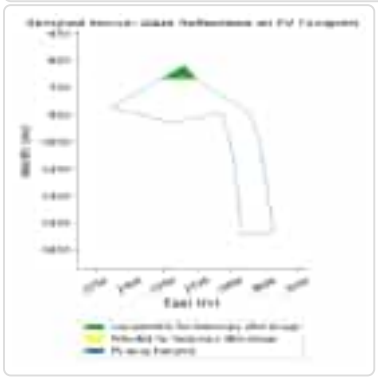
PV array is expected to produce the following glare for this receptor:

- 55 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





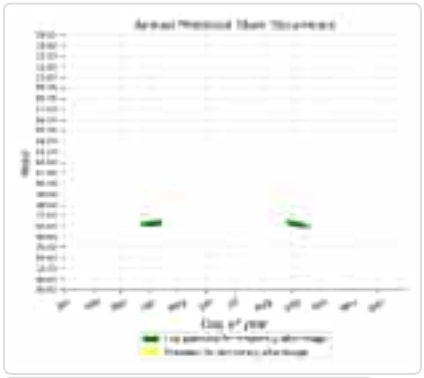


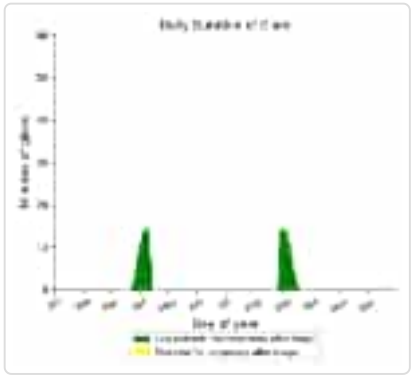


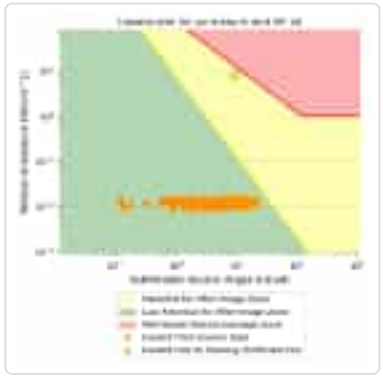
PV array 6: OP 18

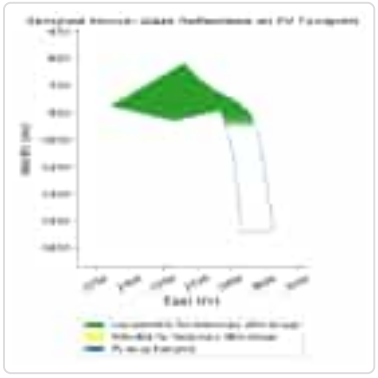
PV array is expected to produce the following glare for this receptor:

- 414 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





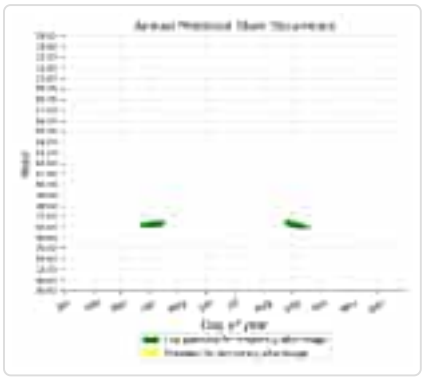


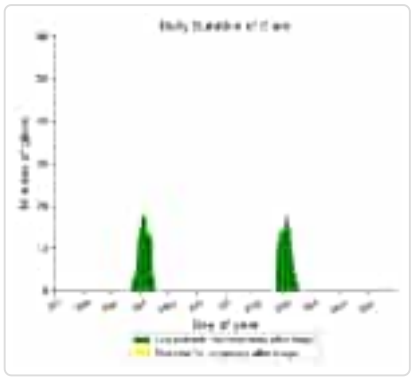


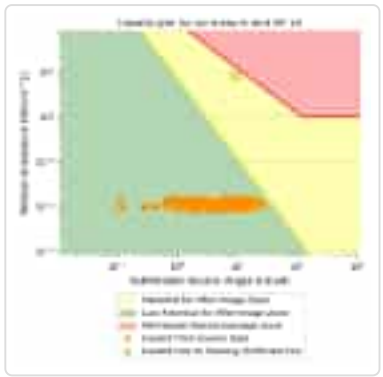
PV array 6: OP 19

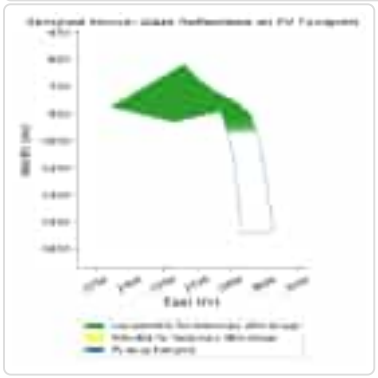
PV array is expected to produce the following glare for this receptor:

- 542 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





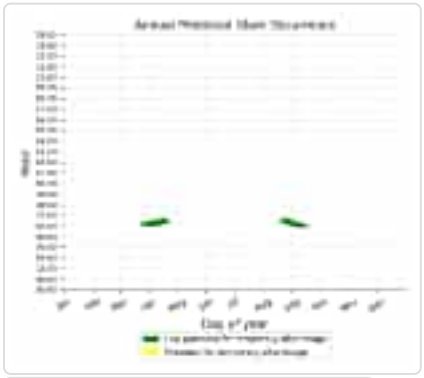


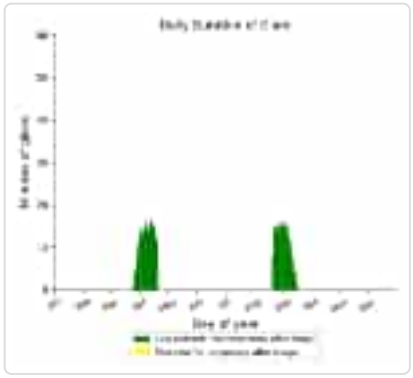


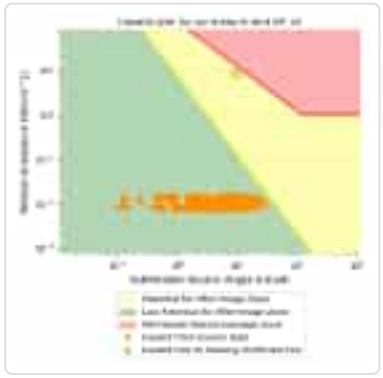
PV array 6: OP 20

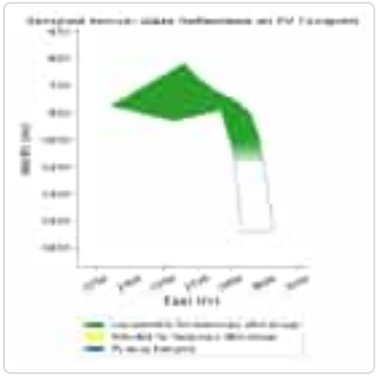
PV array is expected to produce the following glare for this receptor:

- 655 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





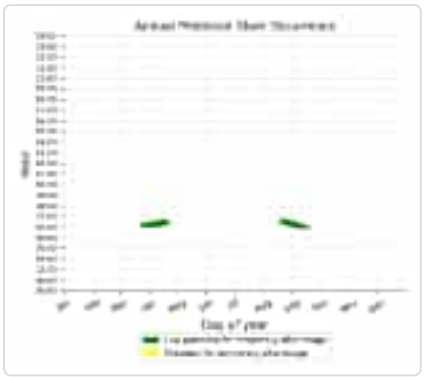


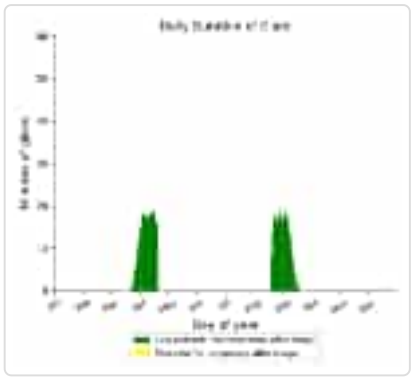


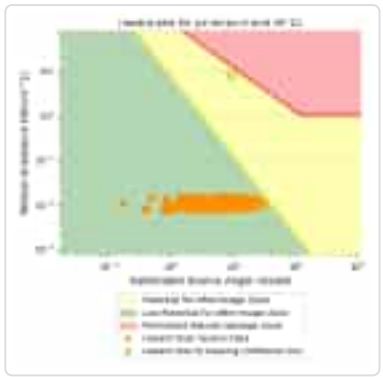
PV array 6: OP 21

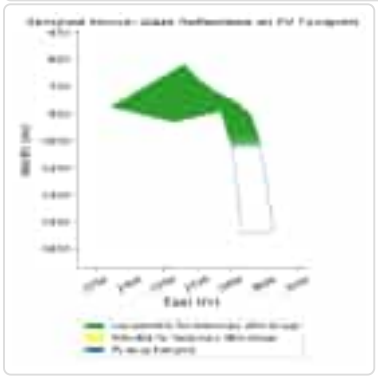
PV array is expected to produce the following glare for this receptor:

- 784 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





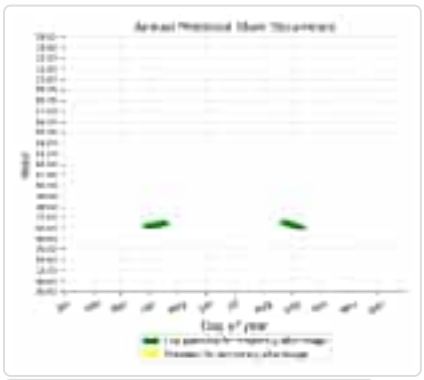


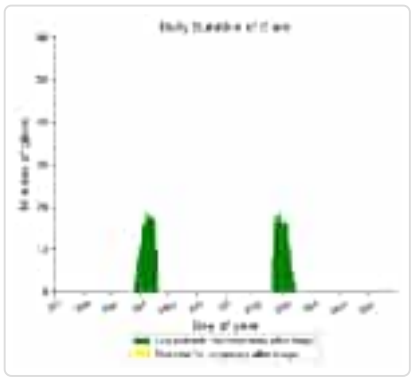


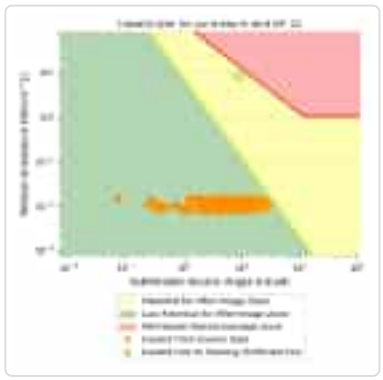
PV array 6: OP 22

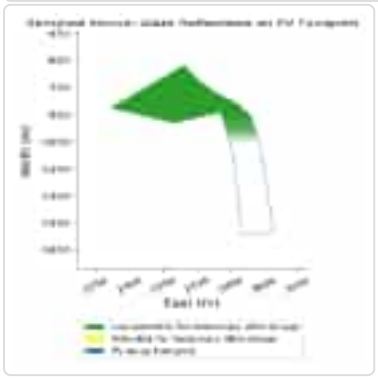
PV array is expected to produce the following glare for this receptor:

- 667 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





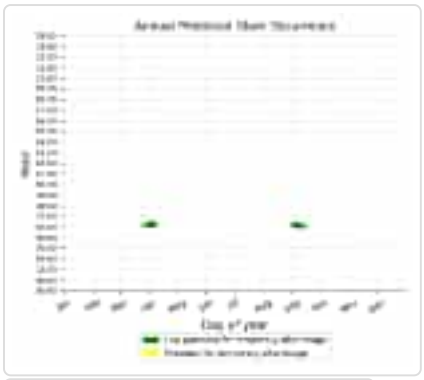


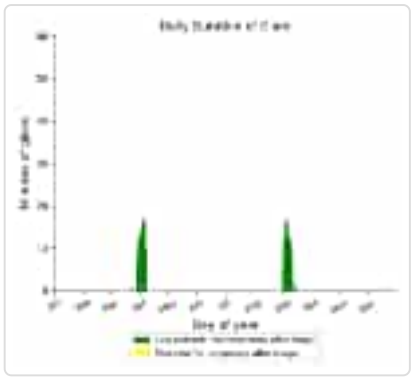


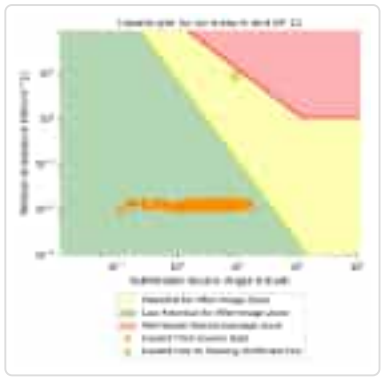
PV array 6: OP 23

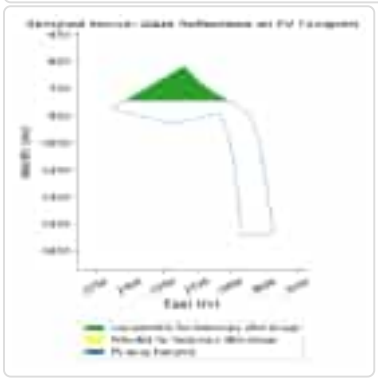
PV array is expected to produce the following glare for this receptor:

- 298 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





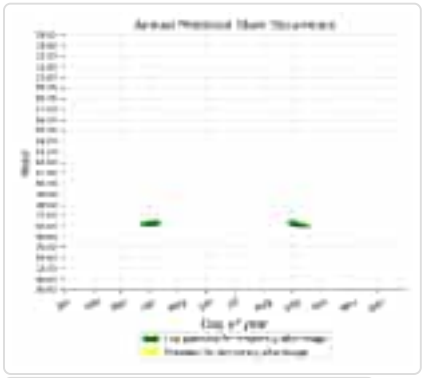


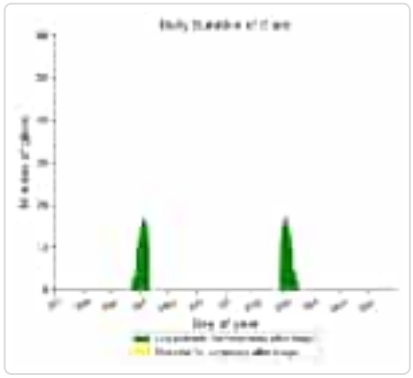


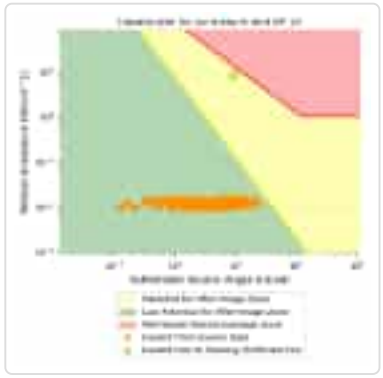
PV array 6: OP 24

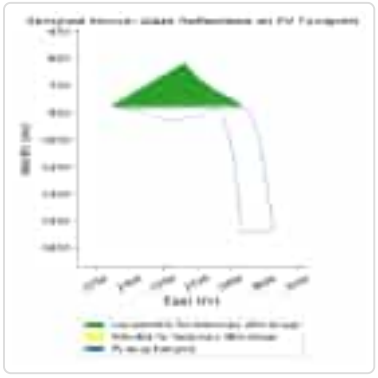
PV array is expected to produce the following glare for this receptor:

- 435 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





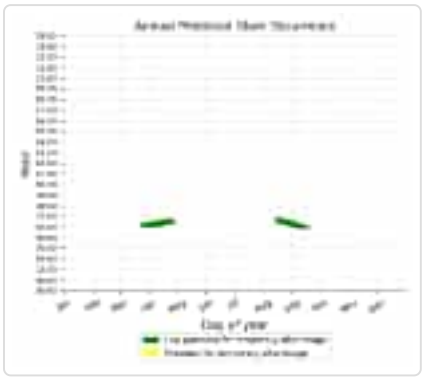


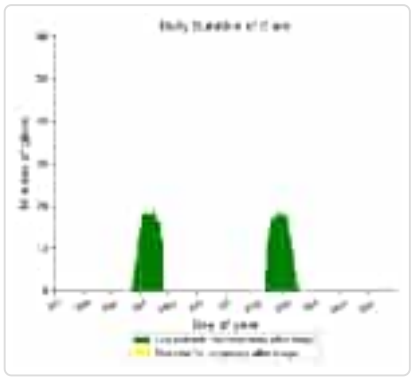


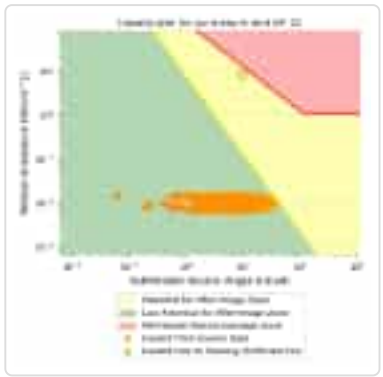
PV array 6: OP 25

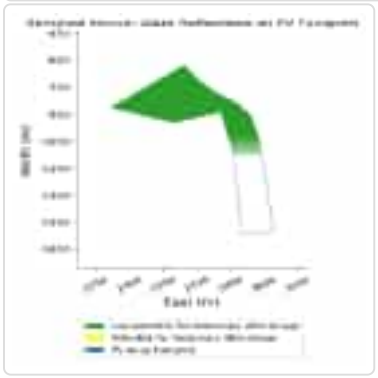
PV array is expected to produce the following glare for this receptor:

- 972 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





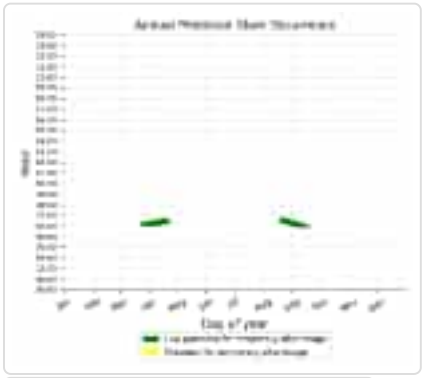


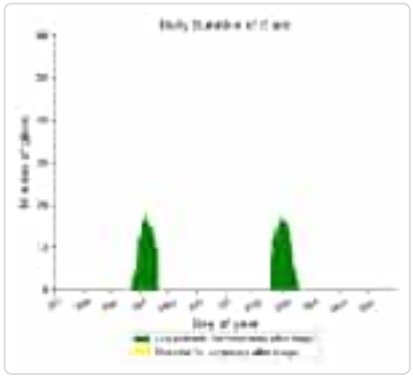


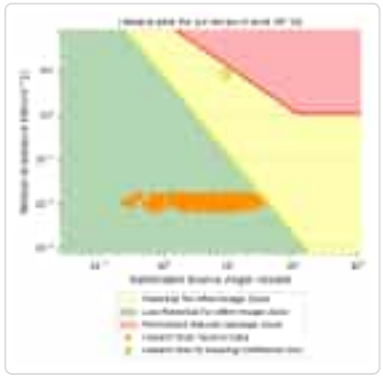
PV array 6: OP 26

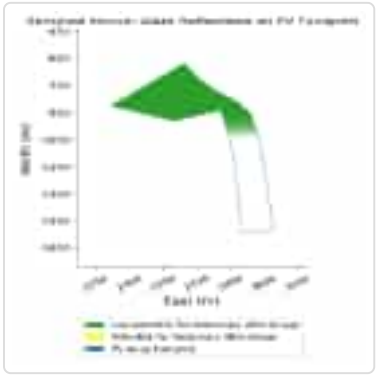
PV array is expected to produce the following glare for this receptor:

- 700 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





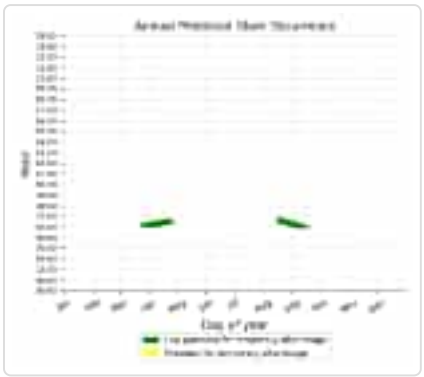


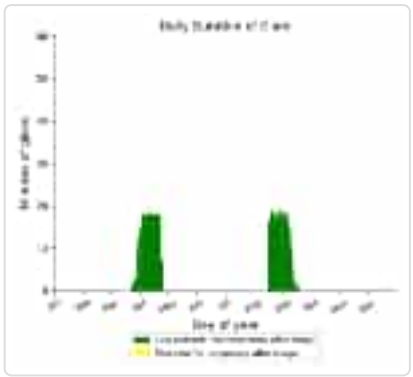


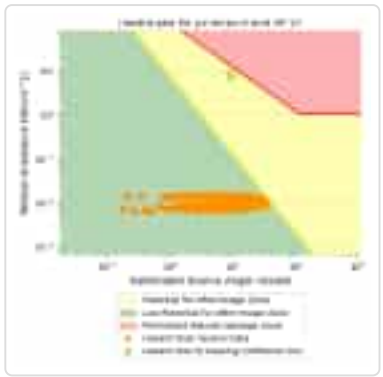
PV array 6: OP 27

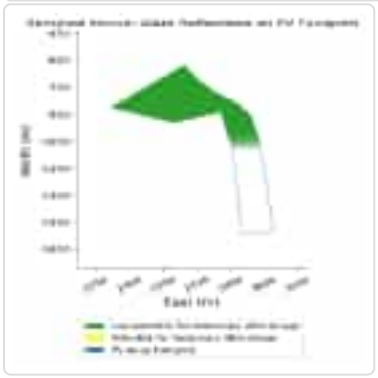
PV array is expected to produce the following glare for this receptor:

- 940 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









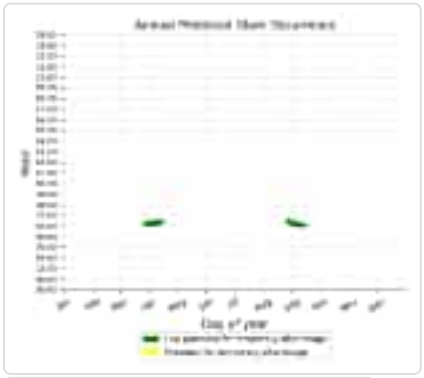
PV array 6: OP 28

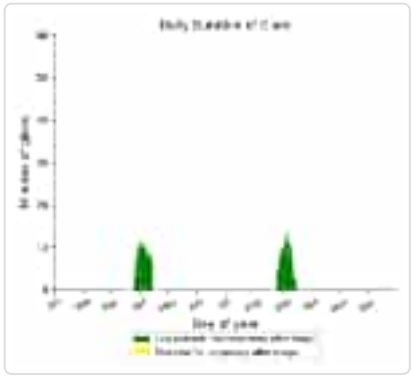
No glare found

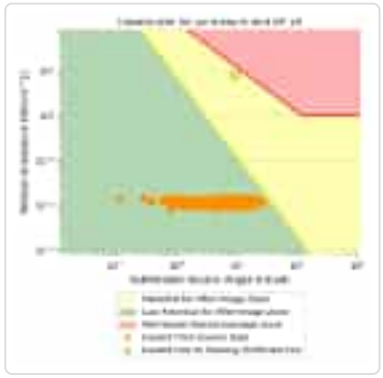
PV array 6: OP 29

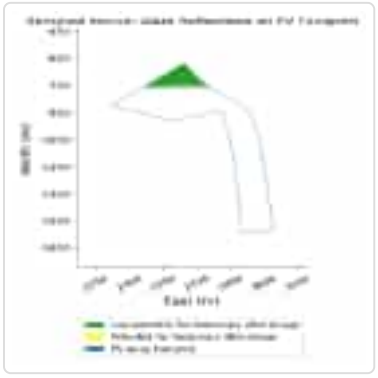
PV array is expected to produce the following glare for this receptor:

- 346 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





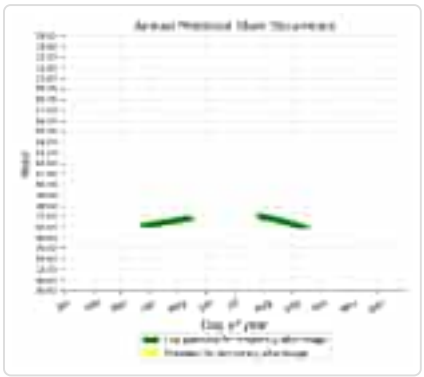


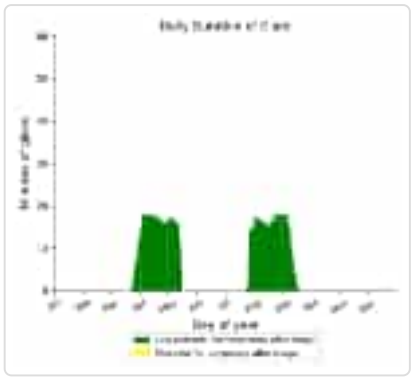


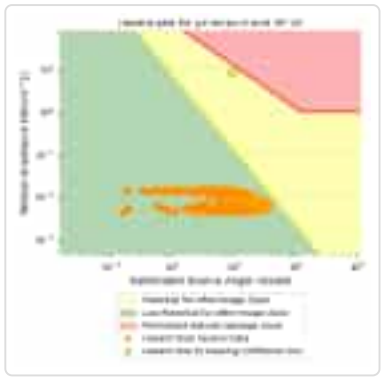
PV array 6: OP 30

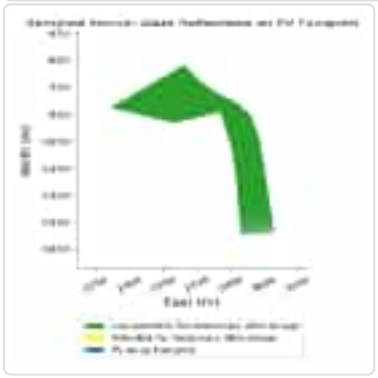
PV array is expected to produce the following glare for this receptor:

- 1,602 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





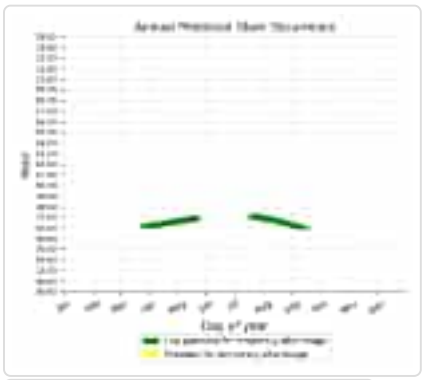


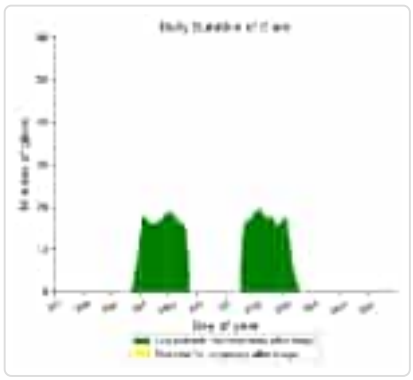


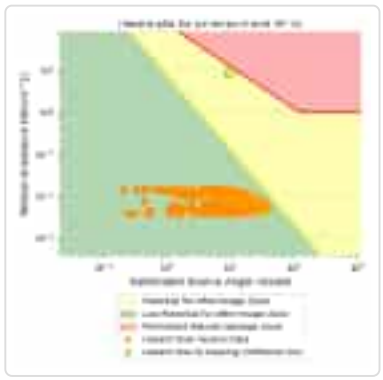
PV array 6: OP 31

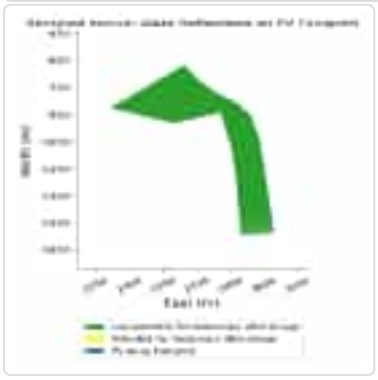
PV array is expected to produce the following glare for this receptor:

- 1,864 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





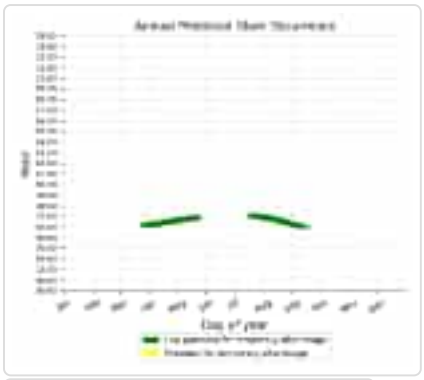


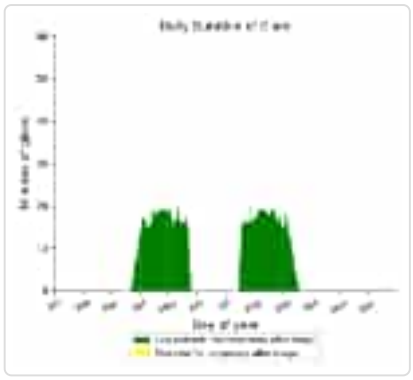


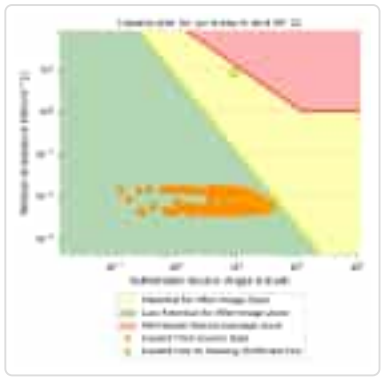
PV array 6: OP 32

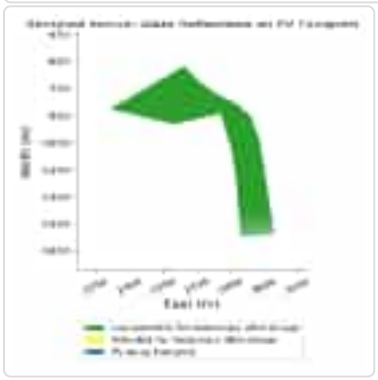
PV array is expected to produce the following glare for this receptor:

- 1,954 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





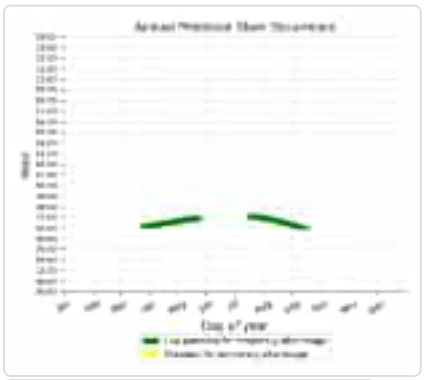


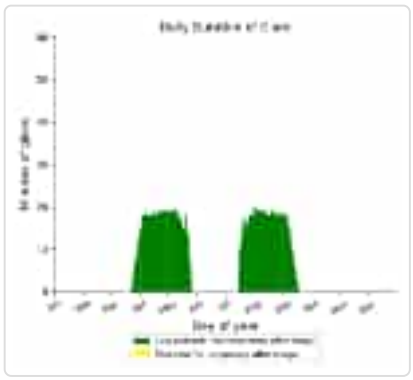


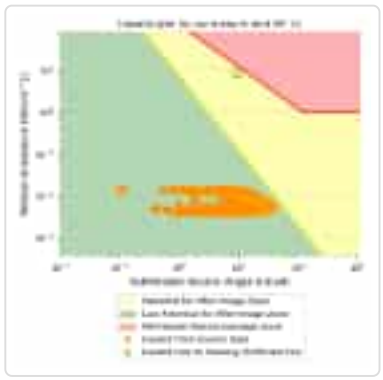
PV array 6: OP 33

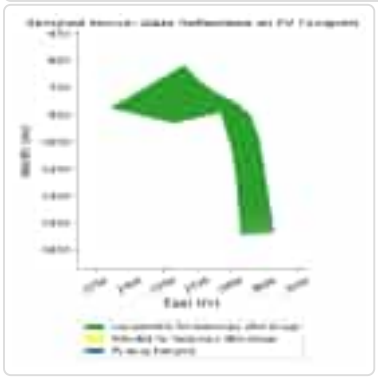
PV array is expected to produce the following glare for this receptor:

- 2,072 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





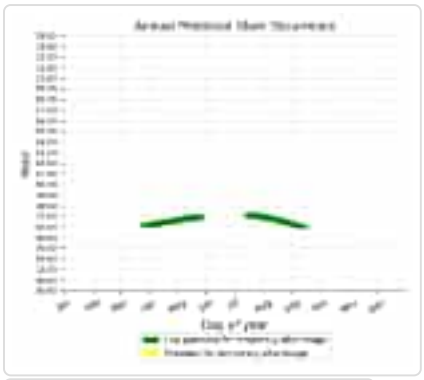


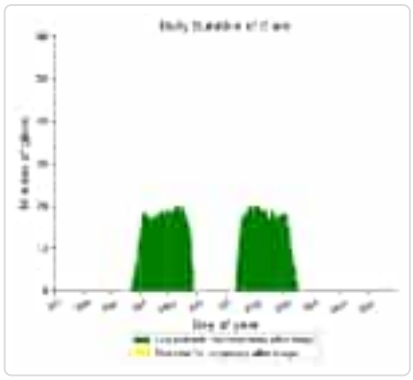


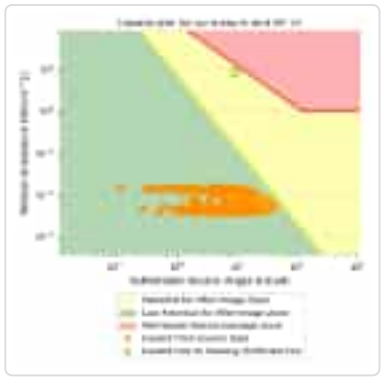
PV array 6: OP 34

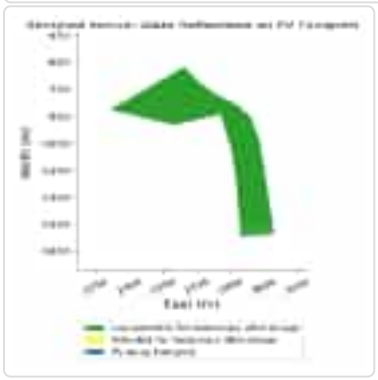
PV array is expected to produce the following glare for this receptor:

- 2,153 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





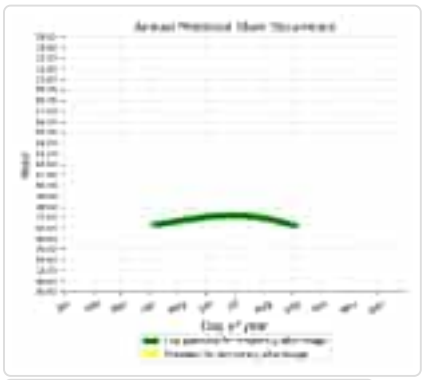


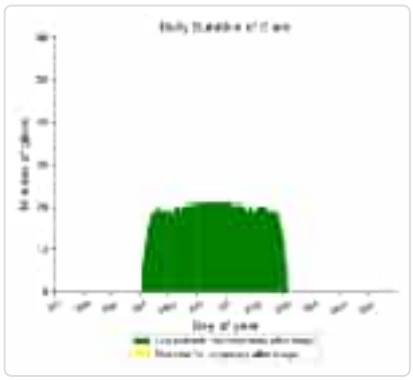


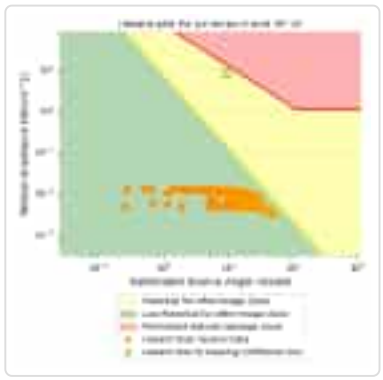
PV array 6: OP 35

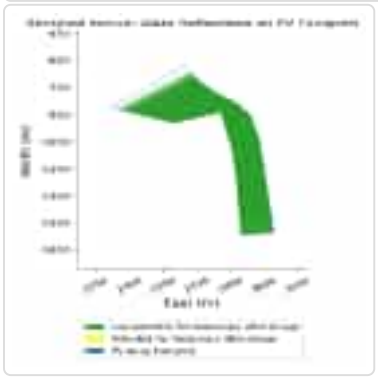
PV array is expected to produce the following glare for this receptor:

- 2,971 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





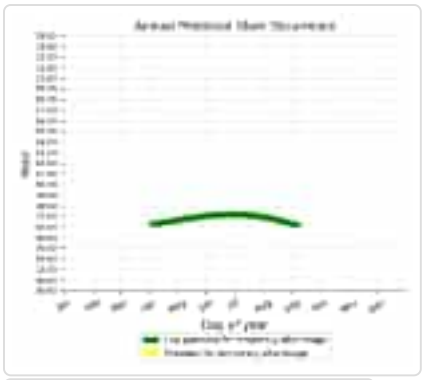


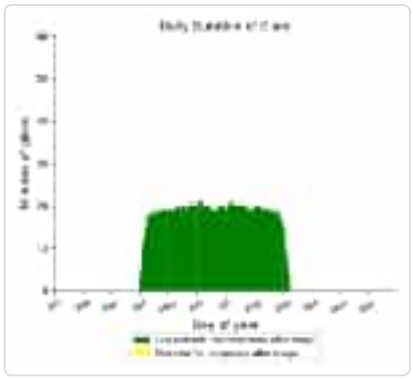


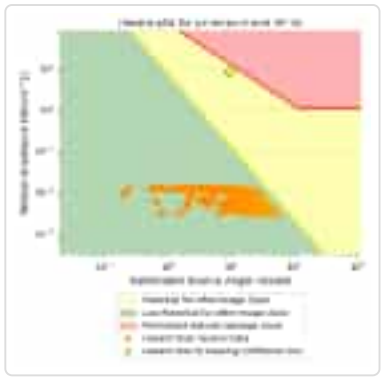
PV array 6: OP 36

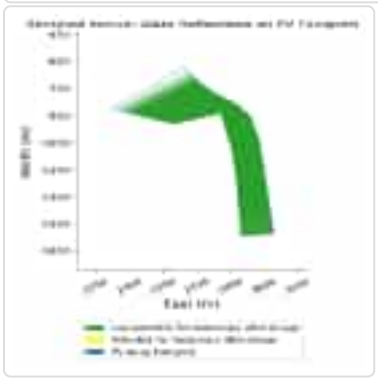
PV array is expected to produce the following glare for this receptor:

- 2,990 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





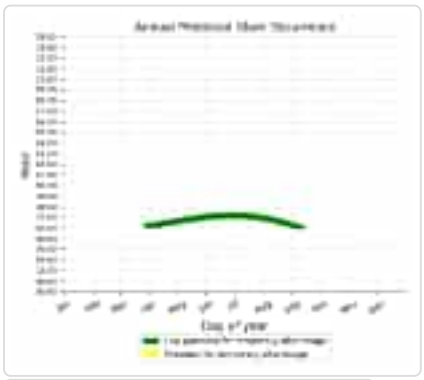


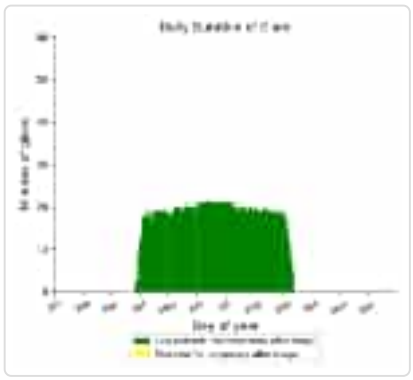


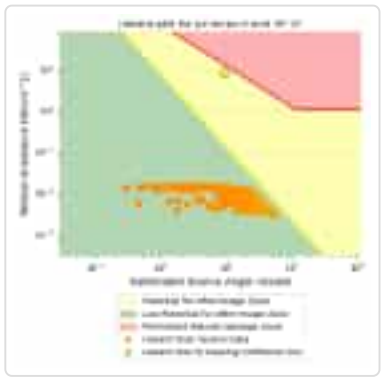
PV array 6: OP 37

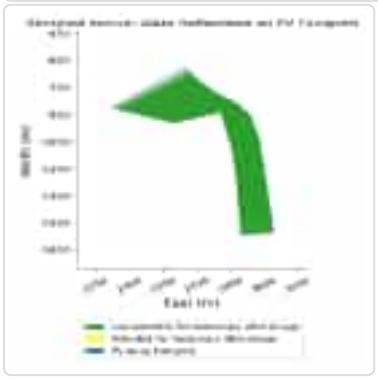
PV array is expected to produce the following glare for this receptor:

- 3,192 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









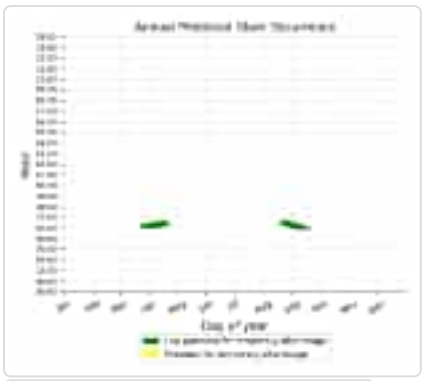
PV array 6: OP 38

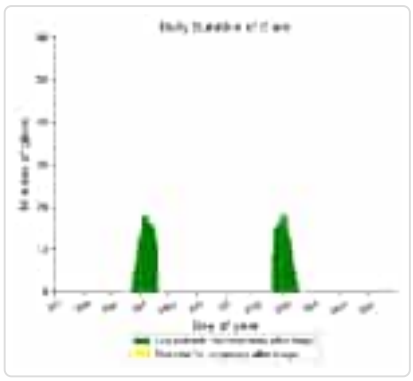
No glare found

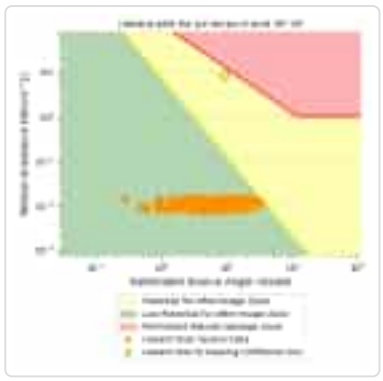
PV array 6: OP 39

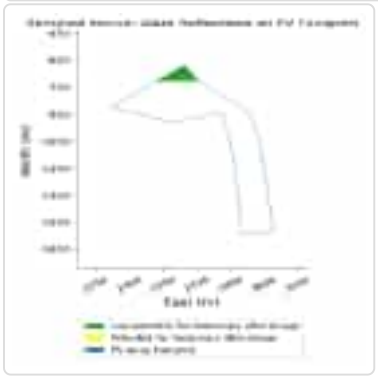
PV array is expected to produce the following glare for this receptor:

- 730 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









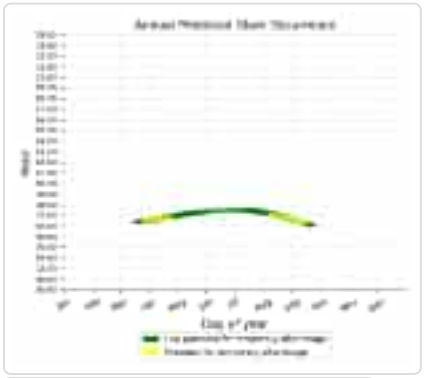
PV array 6: OP 40

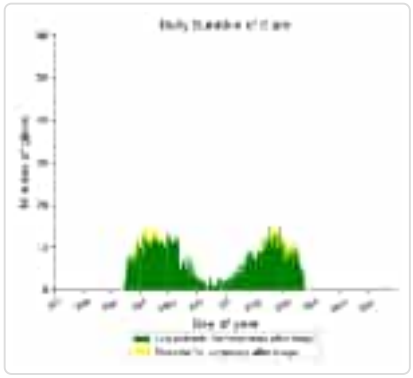
No glare found

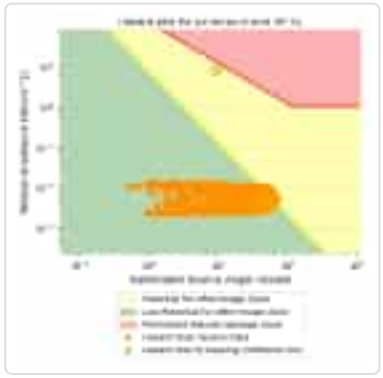
PV array 6: OP 41

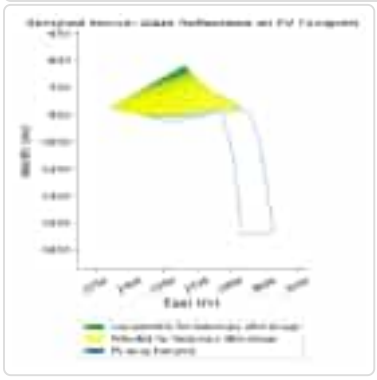
PV array is expected to produce the following glare for this receptor:

- 1,427 minutes of "green" glare with low potential to cause temporary after-image.
- 108 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 42

No glare found

PV array 6: OP 43

No glare found

PV array 6: OP 44

No glare found

PV array 6: OP 45

No glare found

PV array 6: OP 46

No glare found

PV array 6: OP 47

No glare found

PV array 6: OP 48

No glare found

PV array 6: OP 49

No glare found

PV array 6: OP 50

No glare found

PV array 6: OP 51

No glare found

PV array 6: OP 52

No glare found

PV array 6: OP 53

No glare found

PV array 6: OP 54

No glare found

PV array 6: OP 55

No glare found

PV array 6: OP 56

No glare found

PV array 6: OP 57

No glare found

PV array 6: OP 58

No glare found

PV array 6: OP 59

No glare found

PV array 6: OP 60

No glare found

PV array 6: OP 61

No glare found

PV array 6: OP 62

No glare found

PV array 6: OP 63

No glare found

PV array 6: OP 64

No glare found

PV array 6: OP 65

No glare found

PV array 6: OP 66

No glare found

PV array 6: OP 67

No glare found

PV array 6: OP 68

No glare found

PV array 6: OP 69

No glare found

PV array 6: OP 70

No glare found

PV array 6: OP 71

No glare found

PV array 6: OP 72

No glare found

PV array 6: OP 73

No glare found

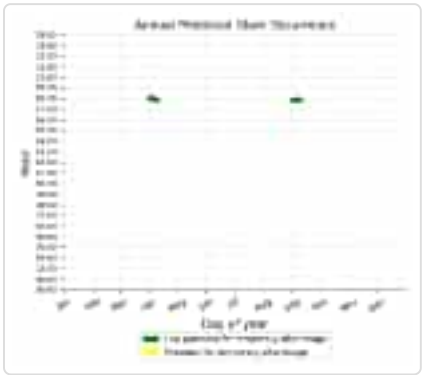
PV array 6: OP 74

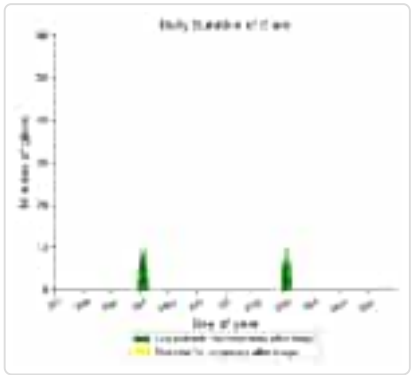
No glare found

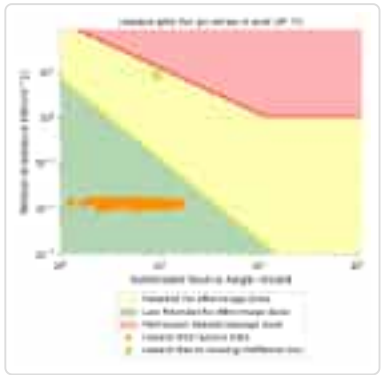
PV array 6: OP 75

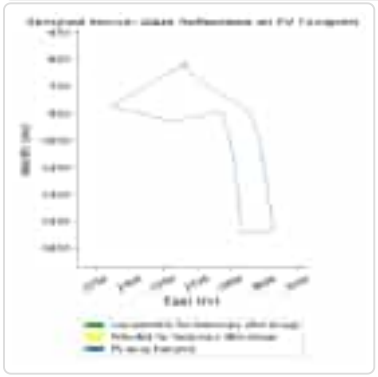
PV array is expected to produce the following glare for this receptor:

- 152 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





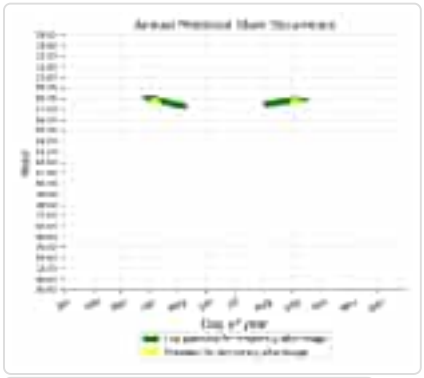


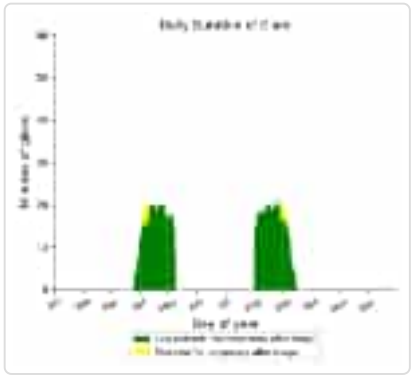


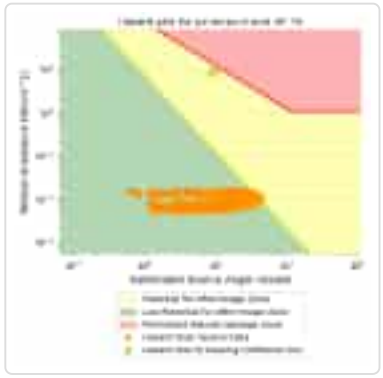
PV array 6: OP 76

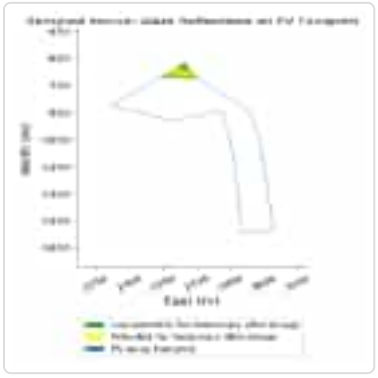
PV array is expected to produce the following glare for this receptor:

- 1,438 minutes of "green" glare with low potential to cause temporary after-image.
- 57 minutes of "yellow" glare with potential to cause temporary after-image.





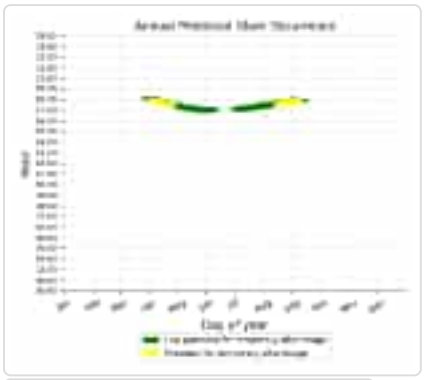


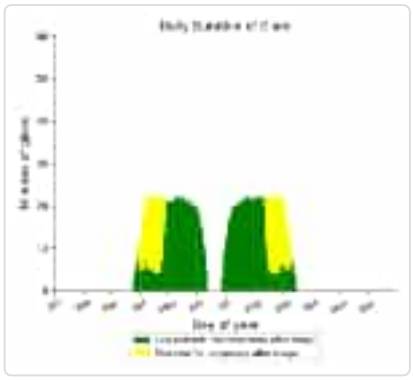


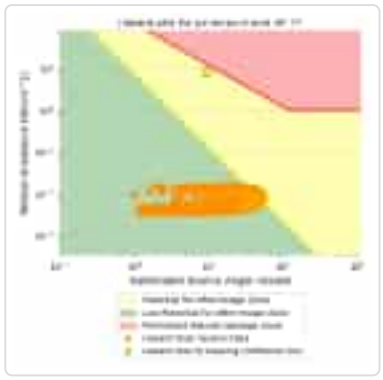
PV array 6: OP 77

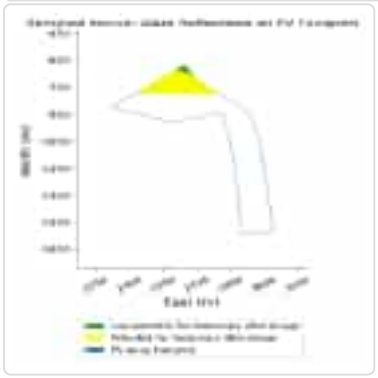
PV array is expected to produce the following glare for this receptor:

- 2,125 minutes of "green" glare with low potential to cause temporary after-image.
- 857 minutes of "yellow" glare with potential to cause temporary after-image.









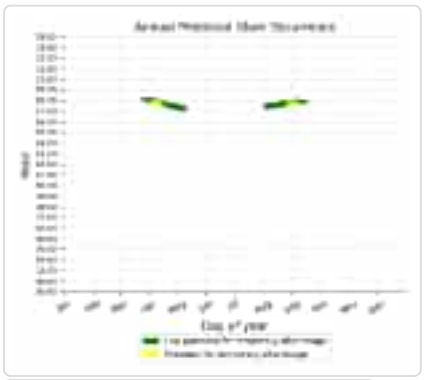
PV array 6: OP 78

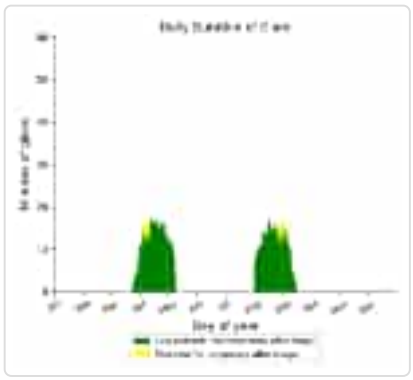
No glare found

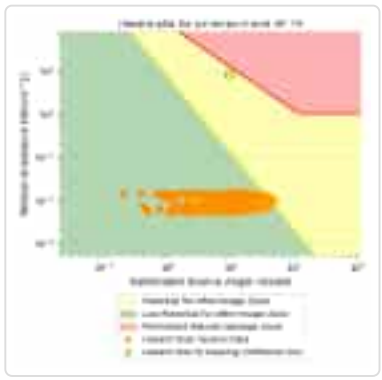
PV array 6: OP 79

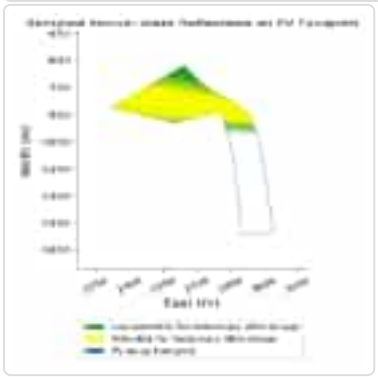
PV array is expected to produce the following glare for this receptor:

- 1,084 minutes of "green" glare with low potential to cause temporary after-image.
- 60 minutes of "yellow" glare with potential to cause temporary after-image.





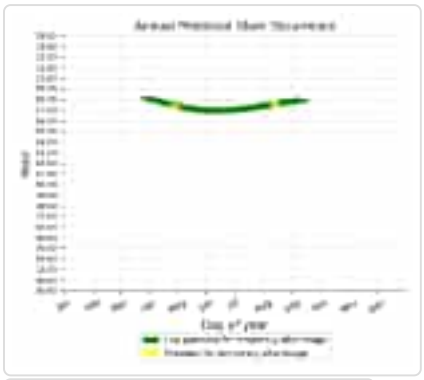


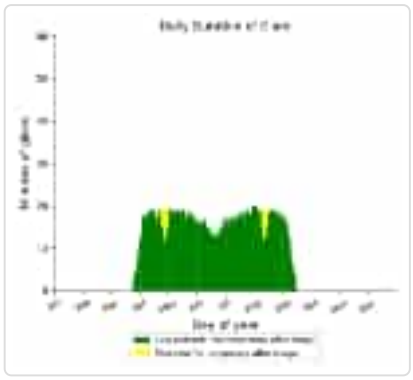


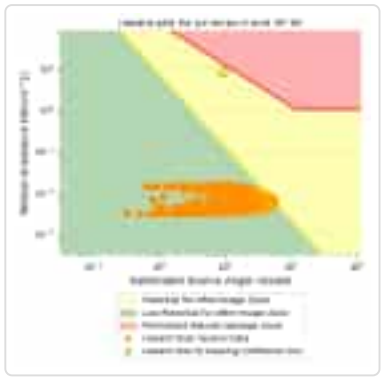
PV array 6: OP 80

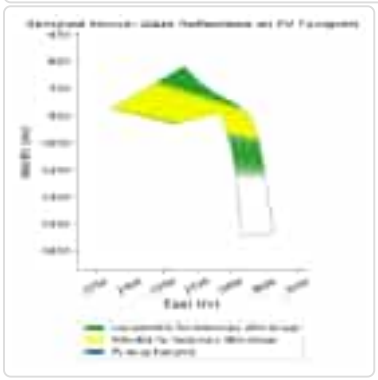
PV array is expected to produce the following glare for this receptor:

- 2,818 minutes of "green" glare with low potential to cause temporary after-image.
- 86 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)

OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	19	0
OP: OP 19	87	0
OP: OP 20	303	0
OP: OP 21	236	0
OP: OP 22	198	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	492	0
OP: OP 26	197	0
OP: OP 27	366	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	1436	0
OP: OP 31	1573	0
OP: OP 32	1693	0
OP: OP 33	1764	0
OP: OP 34	1853	0
OP: OP 35	3204	0
OP: OP 36	3407	0
OP: OP 37	3436	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0

OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	367	0

PV array 7: OP 1

No glare found

PV array 7: OP 2

No glare found

PV array 7: OP 3

No glare found

PV array 7: OP 4

No glare found

PV array 7: OP 5

No glare found

PV array 7: OP 6

No glare found

PV array 7: OP 7

No glare found

PV array 7: OP 8

No glare found

PV array 7: OP 9

No glare found

PV array 7: OP 10

No glare found

PV array 7: OP 11

No glare found

PV array 7: OP 12

No glare found

PV array 7: OP 13

No glare found

PV array 7: OP 14

No glare found

PV array 7: OP 15

No glare found

PV array 7: OP 16

No glare found

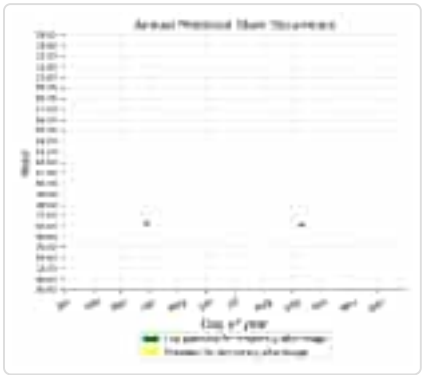
PV array 7: OP 17

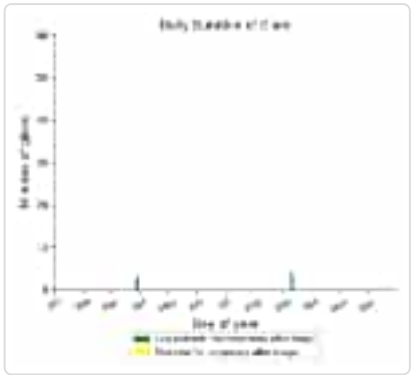
No glare found

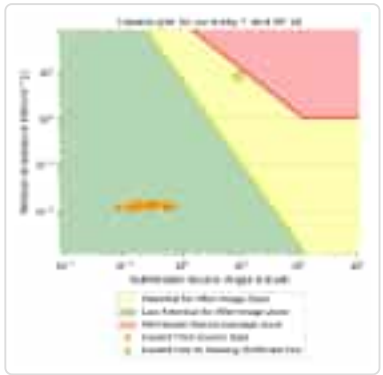
PV array 7: OP 18

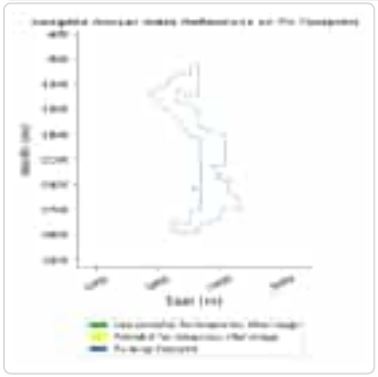
PV array is expected to produce the following glare for this receptor:

- 19 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





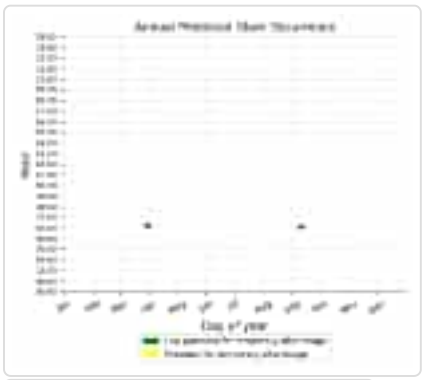


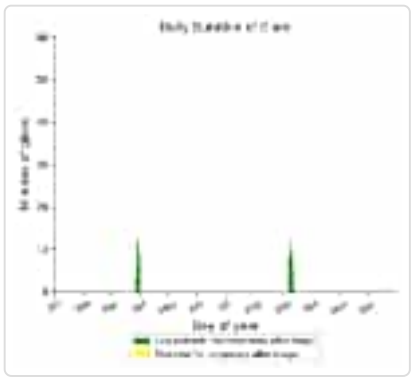


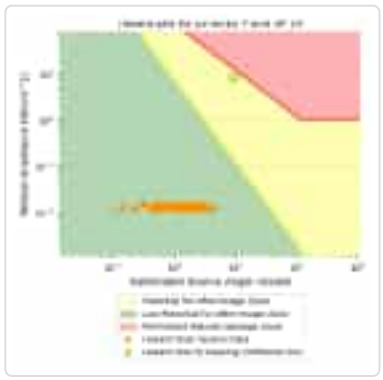
PV array 7: OP 19

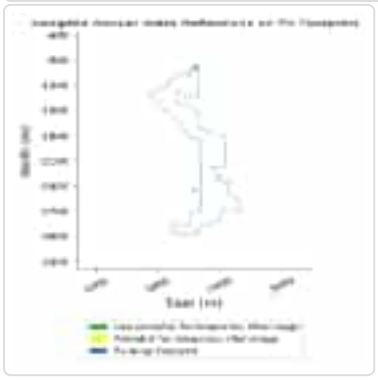
PV array is expected to produce the following glare for this receptor:

- 87 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





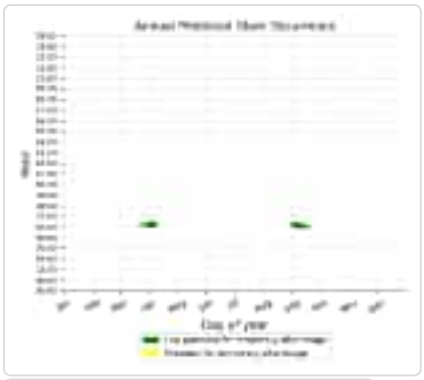


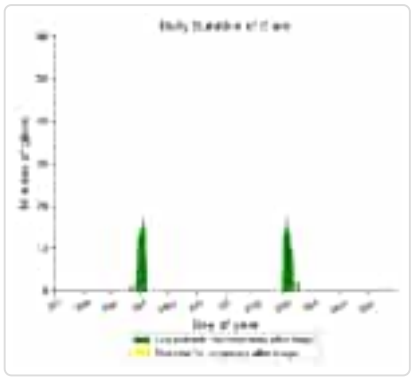


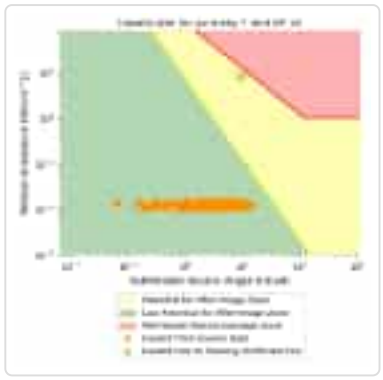
PV array 7: OP 20

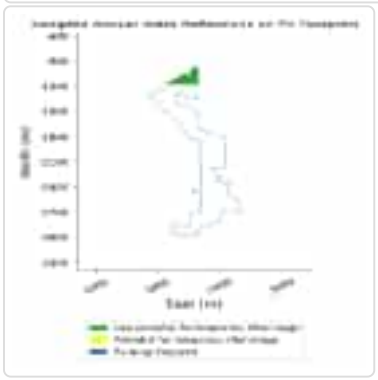
PV array is expected to produce the following glare for this receptor:

- 303 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





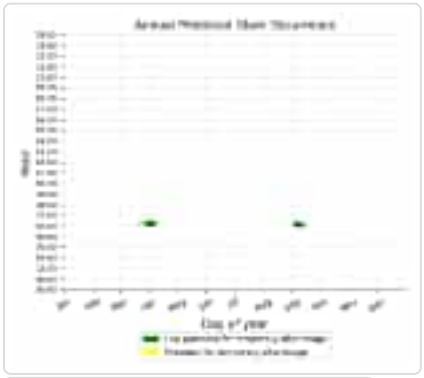


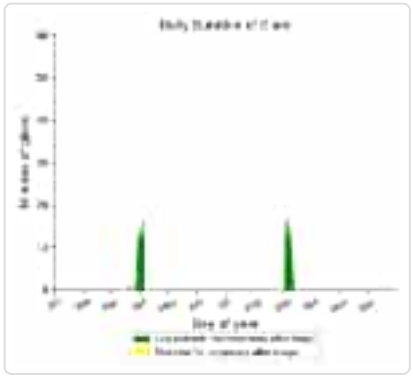


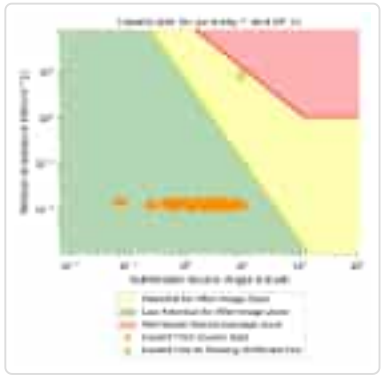
PV array 7: OP 21

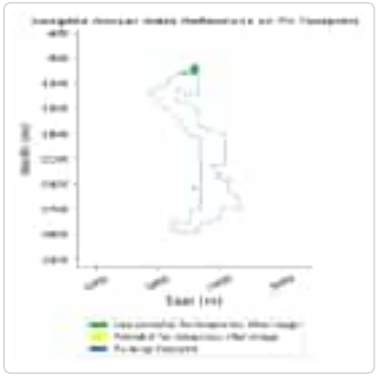
PV array is expected to produce the following glare for this receptor:

- 236 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





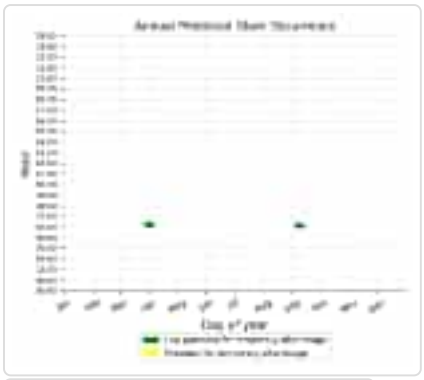


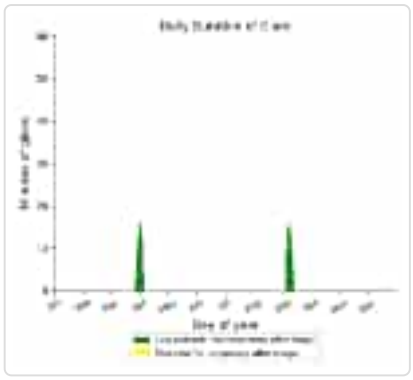


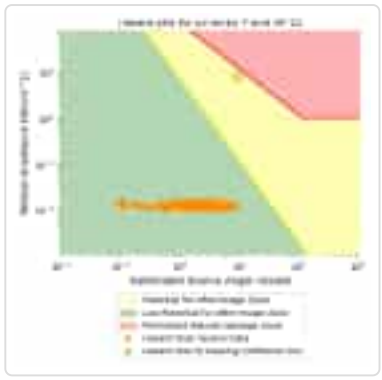
PV array 7: OP 22

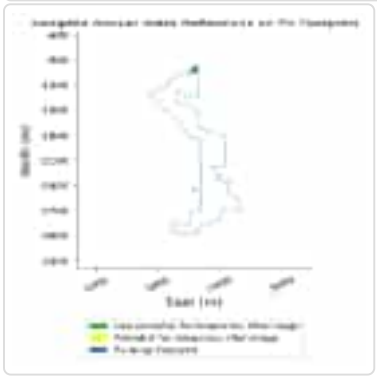
PV array is expected to produce the following glare for this receptor:

- 198 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 23

No glare found

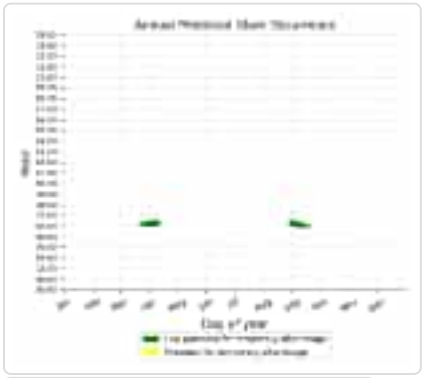
PV array 7: OP 24

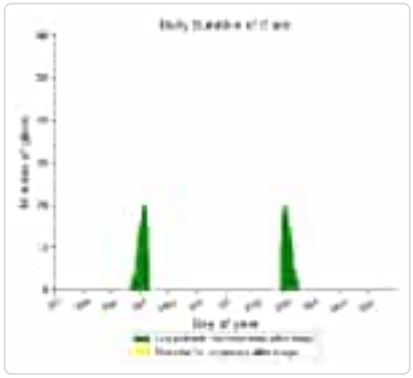
No glare found

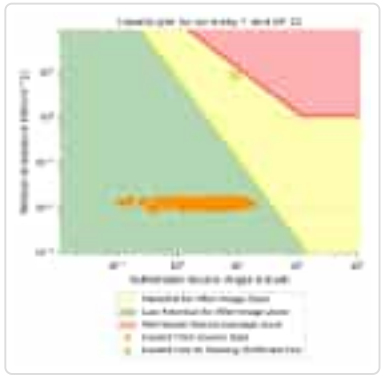
PV array 7: OP 25

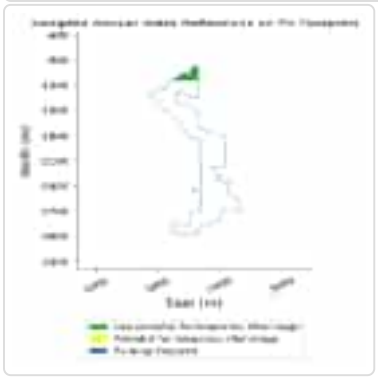
PV array is expected to produce the following glare for this receptor:

- 492 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





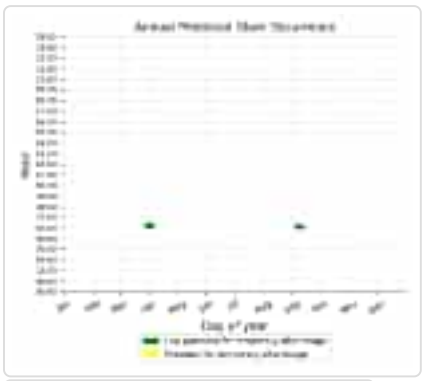


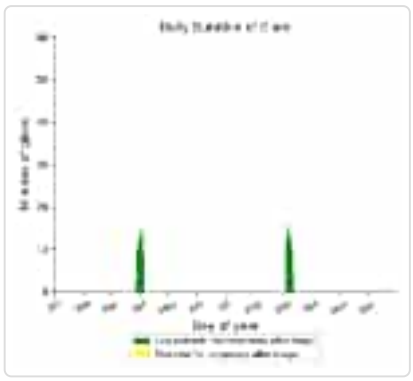


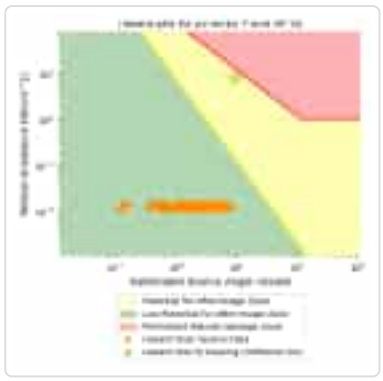
PV array 7: OP 26

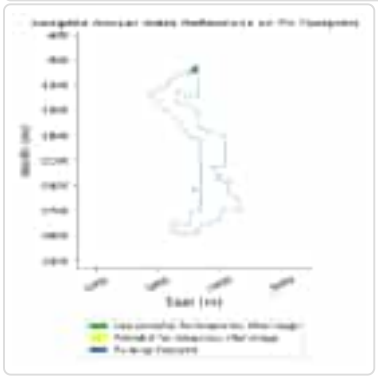
PV array is expected to produce the following glare for this receptor:

- 197 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





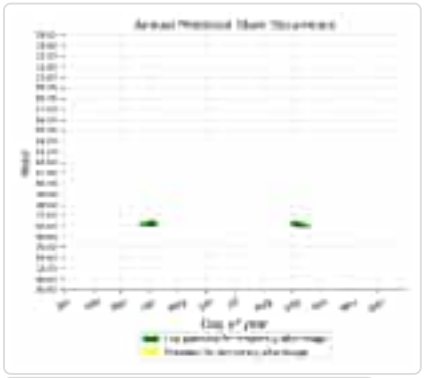


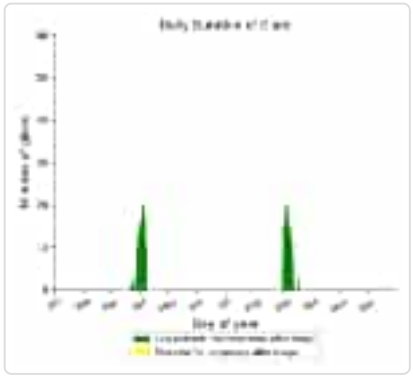


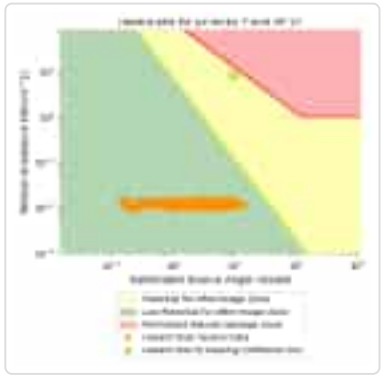
PV array 7: OP 27

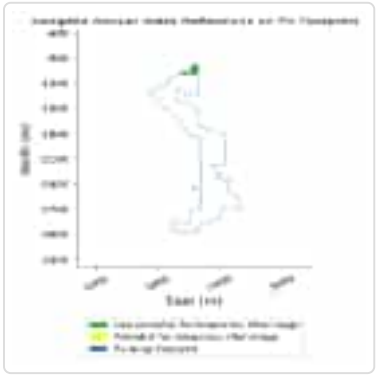
PV array is expected to produce the following glare for this receptor:

- 366 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 28

No glare found

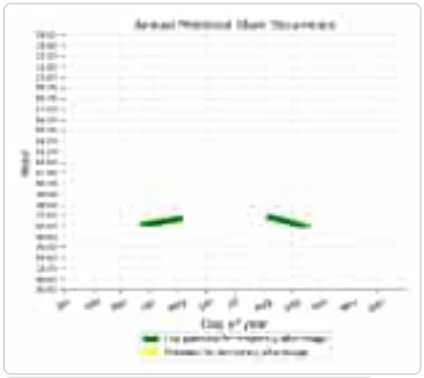
PV array 7: OP 29

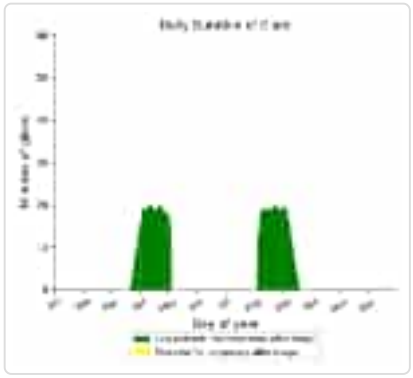
No glare found

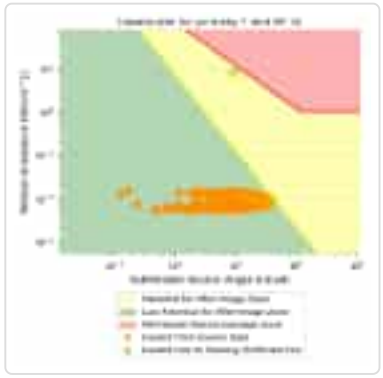
PV array 7: OP 30

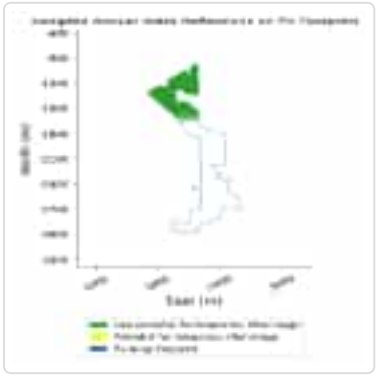
PV array is expected to produce the following glare for this receptor:

- 1,436 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





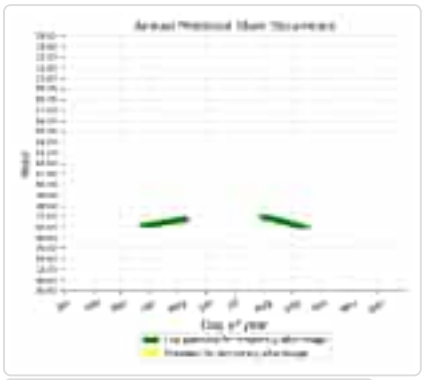


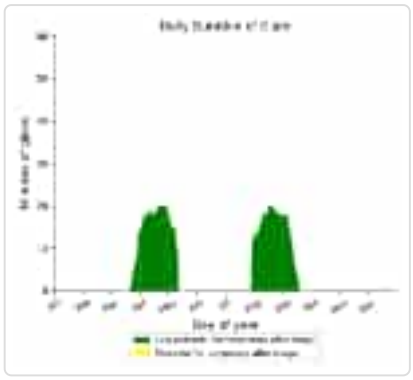


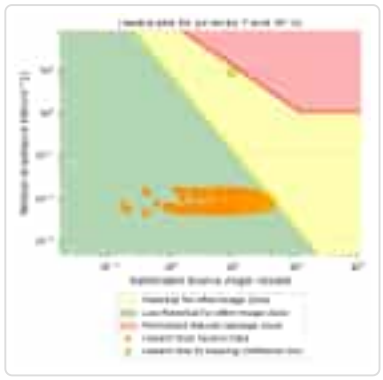
PV array 7: OP 31

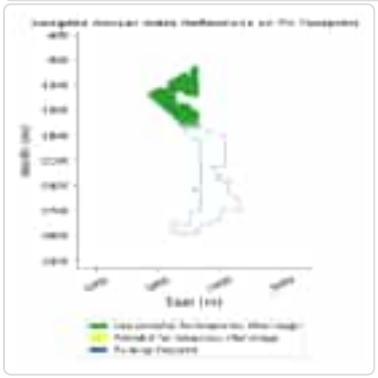
PV array is expected to produce the following glare for this receptor:

- 1,573 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





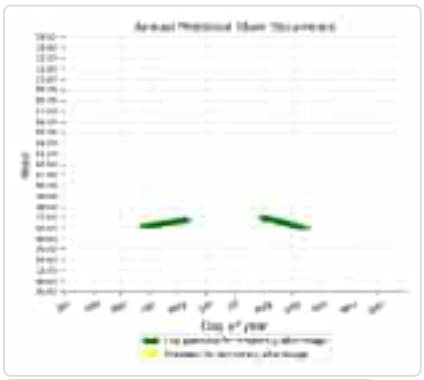


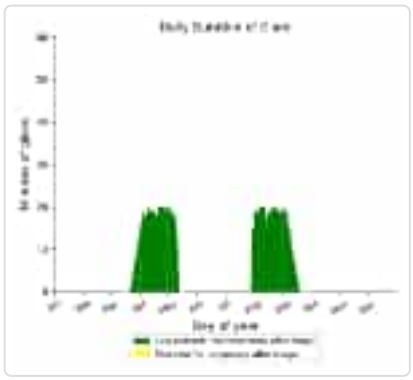


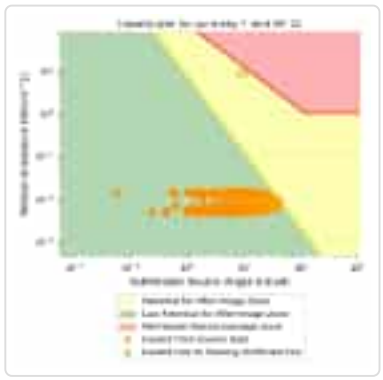
PV array 7: OP 32

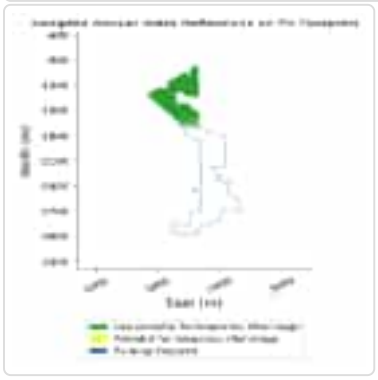
PV array is expected to produce the following glare for this receptor:

- 1,693 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





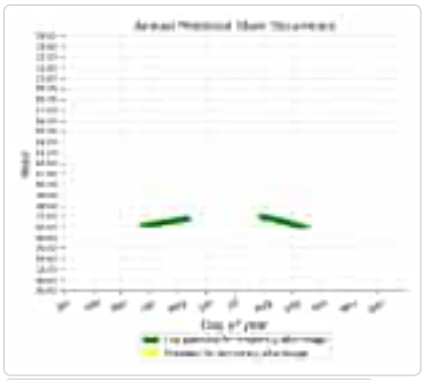


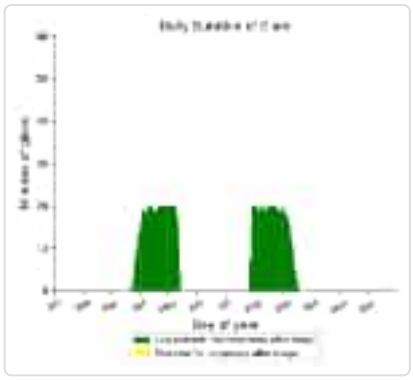


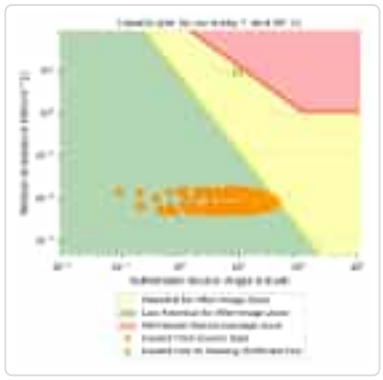
PV array 7: OP 33

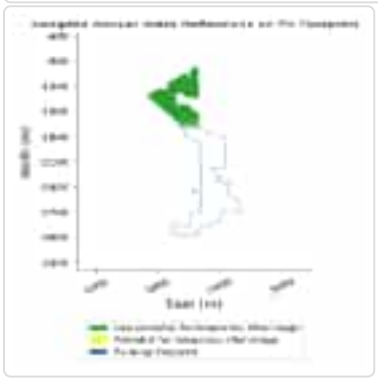
PV array is expected to produce the following glare for this receptor:

- 1,764 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





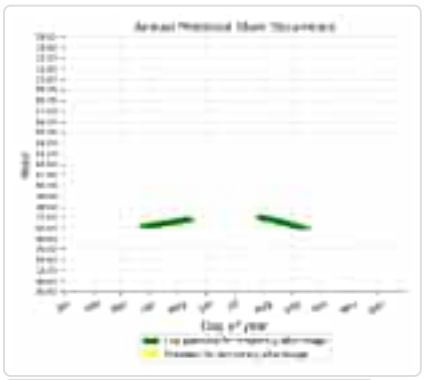


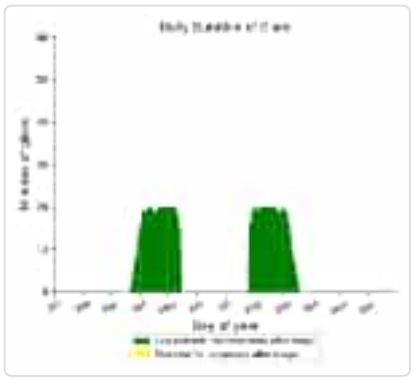


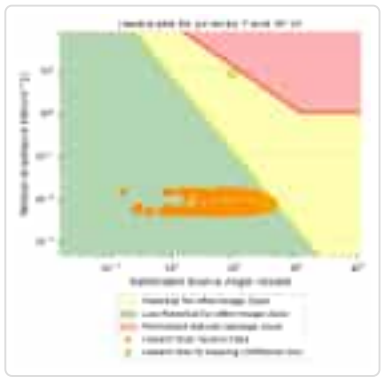
PV array 7: OP 34

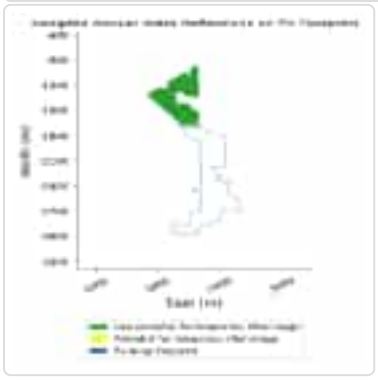
PV array is expected to produce the following glare for this receptor:

- 1,853 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





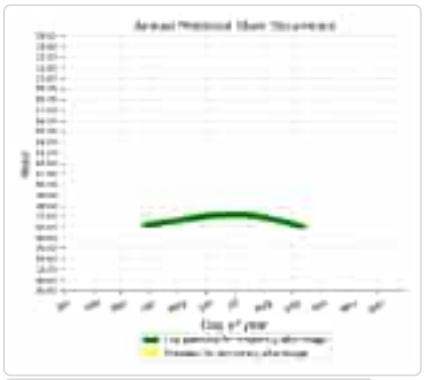


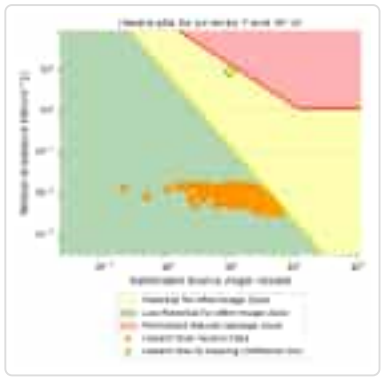


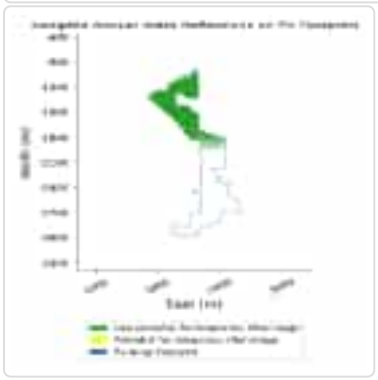
PV array 7: OP 35

PV array is expected to produce the following glare for this receptor:

- 3,204 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



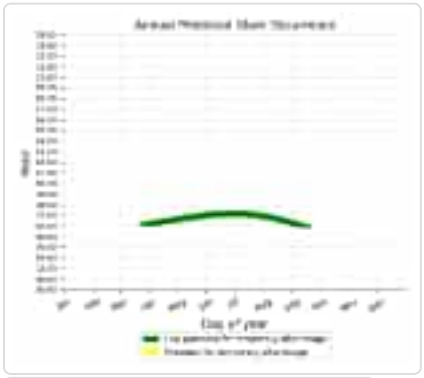
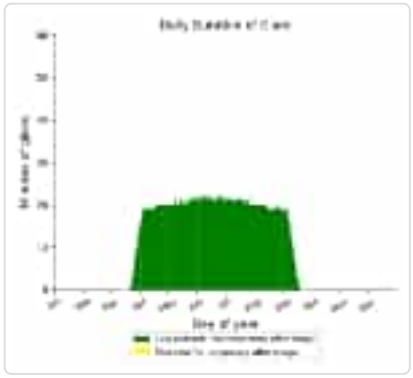
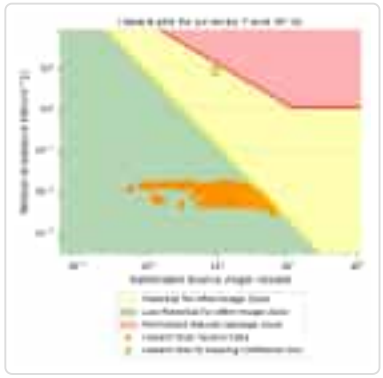
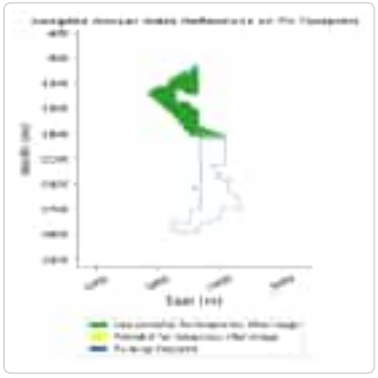




PV array 7: OP 36

PV array is expected to produce the following glare for this receptor:

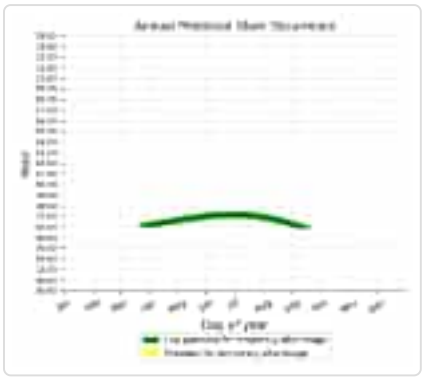
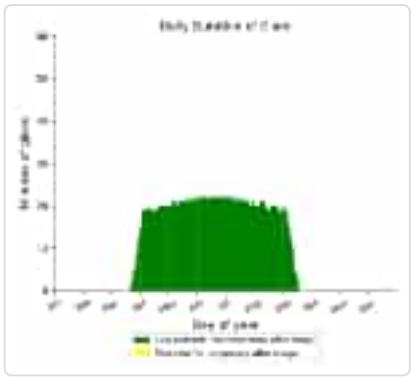
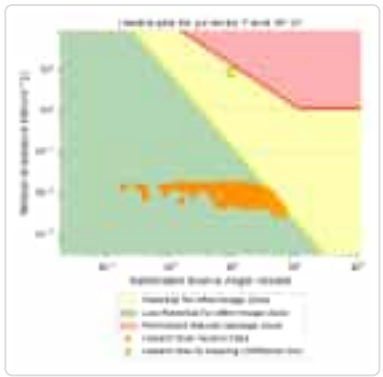
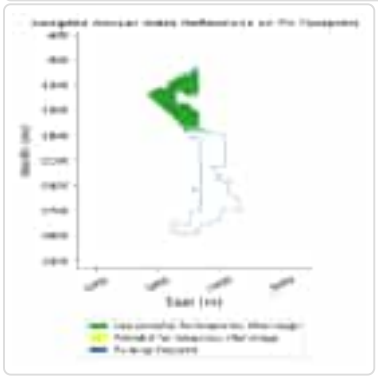
- 3,407 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 7: OP 37

PV array is expected to produce the following glare for this receptor:

- 3,436 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 7: OP 38

No glare found

PV array 7: OP 39

No glare found

PV array 7: OP 40

No glare found

PV array 7: OP 41

No glare found

PV array 7: OP 42

No glare found

PV array 7: OP 43

No glare found

PV array 7: OP 44

No glare found

PV array 7: OP 45

No glare found

PV array 7: OP 46

No glare found

PV array 7: OP 47

No glare found

PV array 7: OP 48

No glare found

PV array 7: OP 49

No glare found

PV array 7: OP 50

No glare found

PV array 7: OP 51

No glare found

PV array 7: OP 52

No glare found

PV array 7: OP 53

No glare found

PV array 7: OP 54

No glare found

PV array 7: OP 55
No glare found

PV array 7: OP 56
No glare found

PV array 7: OP 57
No glare found

PV array 7: OP 58
No glare found

PV array 7: OP 59
No glare found

PV array 7: OP 60
No glare found

PV array 7: OP 61
No glare found

PV array 7: OP 62
No glare found

PV array 7: OP 63
No glare found

PV array 7: OP 64
No glare found

PV array 7: OP 65
No glare found

PV array 7: OP 66
No glare found

PV array 7: OP 67
No glare found

PV array 7: OP 68
No glare found

PV array 7: OP 69
No glare found

PV array 7: OP 70
No glare found

PV array 7: OP 71

No glare found

PV array 7: OP 72

No glare found

PV array 7: OP 73

No glare found

PV array 7: OP 74

No glare found

PV array 7: OP 75

No glare found

PV array 7: OP 76

No glare found

PV array 7: OP 77

No glare found

PV array 7: OP 78

No glare found

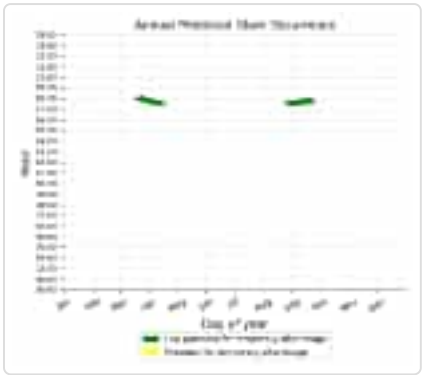
PV array 7: OP 79

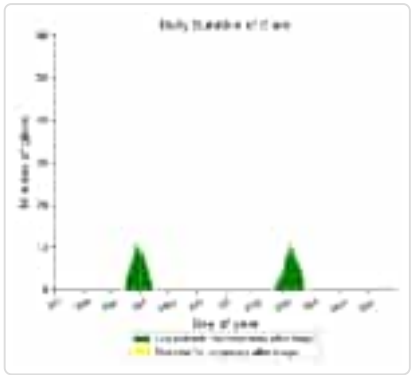
No glare found

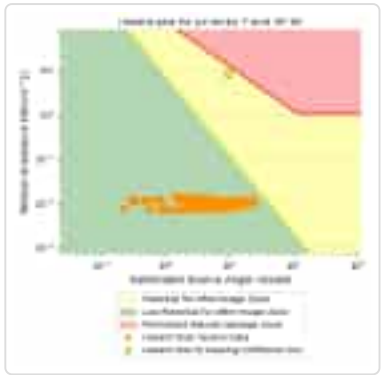
PV array 7: OP 80

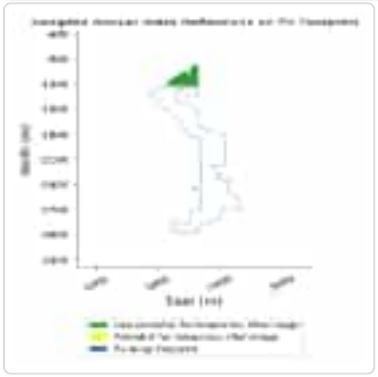
PV array is expected to produce the following glare for this receptor:

- 367 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 8 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 9 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Fosse Green Solar Farm

Fosse Green SF Res Group B 45 Degrees

Created Jan 11, 2024
Updated Sep 02, 2024
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 109534.18719

Project type Advanced
Project status: active
Category 10 MW to 100 MW

Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
PV array 1	45.0	180.0	50,382	0	-
PV array 10	45.0	180.0	49,127	3,028	-
PV array 11	45.0	180.0	70,180	7,707	-
PV array 12	45.0	180.0	5,644	137	-
PV array 13	45.0	180.0	4,481	1,366	-
PV array 14	45.0	180.0	47,456	8,619	-
PV array 15	45.0	180.0	0	0	-
PV array 2	45.0	180.0	1,468	0	-
PV array 3	45.0	180.0	67,231	2,478	-
PV array 4	45.0	180.0	21,229	0	-
PV array 5	45.0	180.0	0	0	-
PV array 6	45.0	180.0	36,359	129	-
PV array 7	45.0	180.0	159,037	15,318	-
PV array 8	45.0	180.0	23,318	0	-
PV array 9	45.0	180.0	30,181	713	-

Component Data

PV Array(s)

Total PV footprint area: 5,127,185 m^2

Name: PV array 1
Footprint area: 534,233 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.173327	-0.683693	15.22	3.50	18.72
2	53.171796	-0.684143	15.03	3.50	18.53
3	53.171552	-0.683478	15.19	3.50	18.69
4	53.171127	-0.682985	15.98	3.50	19.48
5	53.169712	-0.681805	15.00	3.50	18.50
6	53.168092	-0.681418	16.50	3.50	20.00
7	53.167989	-0.682362	16.00	3.50	19.50
8	53.167616	-0.682427	15.86	3.50	19.36
9	53.166844	-0.682749	16.00	3.50	19.50
10	53.166574	-0.682985	16.00	3.50	19.50
11	53.166123	-0.682920	16.00	3.50	19.50
12	53.166394	-0.680345	17.00	3.50	20.50
13	53.166741	-0.680410	16.40	3.50	19.90
14	53.166831	-0.679530	17.48	3.50	20.98
15	53.167320	-0.679659	17.17	3.50	20.67
16	53.167564	-0.677277	20.64	3.50	24.14
17	53.166522	-0.676741	20.78	3.50	24.28
18	53.164593	-0.675024	20.02	3.50	23.52
19	53.163010	-0.673672	18.14	3.50	21.64
20	53.162869	-0.672857	19.04	3.50	22.54
21	53.163088	-0.672084	19.80	3.50	23.30
22	53.163679	-0.671333	23.18	3.50	26.68
23	53.165403	-0.672857	27.63	3.50	31.13
24	53.165648	-0.671870	30.61	3.50	34.11
25	53.166458	-0.671269	32.00	3.50	35.50
26	53.166857	-0.671569	31.99	3.50	35.49
27	53.167847	-0.667406	24.66	3.50	28.16
28	53.169468	-0.666720	25.10	3.50	28.60
29	53.169031	-0.668608	27.89	3.50	31.39
30	53.169198	-0.670067	30.98	3.50	34.48
31	53.169982	-0.673629	26.94	3.50	30.44
32	53.170246	-0.673758	26.58	3.50	30.08
33	53.171294	-0.673125	28.40	3.50	31.90
34	53.171745	-0.672299	30.82	3.50	34.32
35	53.172105	-0.674048	26.50	3.50	30.00
36	53.171674	-0.675957	22.65	3.50	26.15
37	53.171507	-0.677599	22.08	3.50	25.58
38	53.171629	-0.678414	22.99	3.50	26.49
39	53.171918	-0.678833	24.21	3.50	27.71
40	53.171809	-0.679283	22.62	3.50	26.12
41	53.171449	-0.679391	20.48	3.50	23.98
42	53.170838	-0.677985	18.51	3.50	22.01
43	53.170593	-0.678028	17.96	3.50	21.46
44	53.170606	-0.678200	17.83	3.50	21.33
45	53.171372	-0.679906	19.18	3.50	22.68
46	53.171249	-0.681719	17.42	3.50	20.92
47	53.171378	-0.681955	17.27	3.50	20.77
48	53.171333	-0.682395	16.56	3.50	20.06
49	53.171597	-0.682502	16.79	3.50	20.29
50	53.173384	-0.681622	18.75	3.50	22.25

Name: PV array 10
Footprint area: 185,320 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.150798	-0.633966	8.64	3.50	12.14
2	53.150219	-0.635436	8.34	3.50	11.84
3	53.150026	-0.636744	8.28	3.50	11.78
4	53.148983	-0.636744	9.89	3.50	13.39
5	53.148803	-0.636862	10.13	3.50	13.63
6	53.148829	-0.637045	9.76	3.50	13.26
7	53.147420	-0.637957	10.19	3.50	13.69
8	53.146461	-0.637796	10.65	3.50	14.15
9	53.146126	-0.637302	11.44	3.50	14.94
10	53.145875	-0.635146	9.74	3.50	13.24
11	53.145566	-0.635264	9.14	3.50	12.64
12	53.145451	-0.635843	9.42	3.50	12.92
13	53.145142	-0.635951	9.94	3.50	13.44
14	53.144987	-0.634910	11.54	3.50	15.04
15	53.144637	-0.634278	12.00	3.50	15.50
16	53.143968	-0.633344	12.41	3.50	15.91
17	53.144200	-0.633280	11.84	3.50	15.34
18	53.144953	-0.632754	9.97	3.50	13.47
19	53.145828	-0.631949	10.31	3.50	13.81
20	53.146497	-0.631509	11.15	3.50	14.65
21	53.147668	-0.633848	12.51	3.50	16.01
22	53.148395	-0.633344	12.81	3.50	16.31
23	53.148254	-0.632947	13.08	3.50	16.58
24	53.148910	-0.632035	13.05	3.50	16.55
25	53.149148	-0.632604	13.03	3.50	16.53
26	53.149631	-0.631853	12.49	3.50	15.99

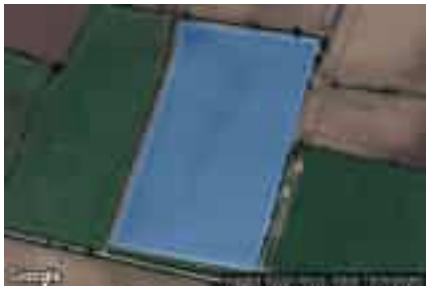
Name: PV array 11
Footprint area: 717,731 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.148506	-0.631749	13.14	3.50	16.64
2	53.147850	-0.632704	12.97	3.50	16.47
3	53.147683	-0.632715	12.37	3.50	15.87
4	53.146640	-0.630945	11.20	3.50	14.70
5	53.146396	-0.630848	12.22	3.50	15.72
6	53.145637	-0.631266	12.28	3.50	15.78
7	53.144343	-0.632565	11.04	3.50	14.54
8	53.142046	-0.627951	13.11	3.50	16.61
9	53.141524	-0.626084	12.34	3.50	15.84
10	53.138596	-0.627329	13.83	3.50	17.33
11	53.138454	-0.627232	13.48	3.50	16.98
12	53.137051	-0.628370	12.96	3.50	16.46
13	53.137154	-0.629056	13.21	3.50	16.71
14	53.135919	-0.628649	14.19	3.50	17.69
15	53.135771	-0.627640	12.78	3.50	16.28
16	53.134593	-0.628456	13.03	3.50	16.53
17	53.134464	-0.624700	12.77	3.50	16.27
18	53.134618	-0.624700	12.76	3.50	16.26
19	53.134631	-0.624990	12.76	3.50	16.26
20	53.135655	-0.624947	12.58	3.50	16.08
21	53.135758	-0.626331	11.86	3.50	15.36
22	53.136112	-0.626567	11.92	3.50	15.42
23	53.136549	-0.625162	10.74	3.50	14.24
24	53.136717	-0.625055	10.13	3.50	13.63
25	53.136652	-0.624636	10.38	3.50	13.88
26	53.137450	-0.624089	10.03	3.50	13.53
27	53.135830	-0.616790	7.11	3.50	10.61
28	53.136200	-0.615960	6.99	3.50	10.49
29	53.137240	-0.614930	7.15	3.50	10.65
30	53.137620	-0.615710	7.24	3.50	10.74
31	53.137860	-0.615550	7.38	3.50	10.88
32	53.137990	-0.614790	7.14	3.50	10.64
33	53.139105	-0.617426	7.93	3.50	11.43
34	53.139800	-0.619754	11.05	3.50	14.55
35	53.141717	-0.618682	9.38	3.50	12.88
36	53.142129	-0.620227	11.21	3.50	14.71
37	53.142007	-0.620323	10.80	3.50	14.30
38	53.142541	-0.622211	11.19	3.50	14.69
39	53.144034	-0.620784	11.76	3.50	15.26
40	53.144607	-0.623563	11.92	3.50	15.42
41	53.145591	-0.624582	12.63	3.50	16.13
42	53.145044	-0.625248	12.90	3.50	16.40
43	53.145077	-0.625666	12.28	3.50	15.78
44	53.146634	-0.628348	11.72	3.50	15.22
45	53.146808	-0.628220	12.16	3.50	15.66
46	53.148268	-0.630762	12.11	3.50	15.61
47	53.148101	-0.631030	11.92	3.50	15.42

Name: PV array 12
Footprint area: 73,115 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.136228	-0.613414	8.07	3.50	11.57
2	53.135854	-0.613478	8.46	3.50	11.96
3	53.133222	-0.614980	9.82	3.50	13.32
4	53.132887	-0.611772	10.64	3.50	14.14
5	53.135977	-0.610335	9.13	3.50	12.63

Name: PV array 13
Footprint area: 737,057 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.135585	-0.658160	11.48	3.50	14.98
2	53.136461	-0.665906	14.75	3.50	18.25
3	53.130642	-0.667945	14.56	3.50	18.06
4	53.130333	-0.666357	13.81	3.50	17.31
5	53.128440	-0.666872	14.86	3.50	18.36
6	53.128582	-0.668717	14.77	3.50	18.27
7	53.128273	-0.668782	14.57	3.50	18.07
8	53.128131	-0.667301	14.49	3.50	17.99
9	53.125730	-0.667666	13.07	3.50	16.57
10	53.125710	-0.667945	12.94	3.50	16.44
11	53.124455	-0.667505	13.19	3.50	16.69
12	53.124558	-0.666711	12.70	3.50	16.20
13	53.123380	-0.665788	11.31	3.50	14.81
14	53.123457	-0.665370	11.00	3.50	14.50
15	53.123122	-0.665220	12.04	3.50	15.54
16	53.123476	-0.663514	13.15	3.50	16.65
17	53.124365	-0.661776	13.29	3.50	16.79
18	53.124571	-0.660832	13.96	3.50	17.46
19	53.125067	-0.660220	13.10	3.50	16.60
20	53.126410	-0.656650	11.66	3.50	15.16
21	53.126650	-0.656260	11.38	3.50	14.88
22	53.126960	-0.656270	11.65	3.50	15.15
23	53.127180	-0.656070	12.25	3.50	15.75
24	53.127600	-0.659050	12.08	3.50	15.58
25	53.128790	-0.658920	13.52	3.50	17.02
26	53.129280	-0.661440	14.94	3.50	18.44
27	53.131090	-0.659870	14.90	3.50	18.40
28	53.131520	-0.659500	14.40	3.50	17.90
29	53.132320	-0.658860	12.70	3.50	16.20
30	53.133270	-0.657930	12.71	3.50	16.21
31	53.133345	-0.658664	11.01	3.50	14.51

Name: PV array 14
Footprint area: 185,007 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132496	-0.652742	10.97	3.50	14.47
2	53.131787	-0.653128	10.89	3.50	14.39
3	53.131511	-0.653075	11.28	3.50	14.78
4	53.130770	-0.652409	10.38	3.50	13.88
5	53.130352	-0.650049	9.94	3.50	13.44
6	53.130095	-0.649556	9.85	3.50	13.35
7	53.130275	-0.649255	10.71	3.50	14.21
8	53.132390	-0.648020	11.38	3.50	14.88
9	53.133030	-0.650850	12.02	3.50	15.52
10	53.136270	-0.648960	10.09	3.50	13.59
11	53.136080	-0.645870	977.00	3.50	980.50
12	53.137430	-0.645210	9.73	3.50	13.23
13	53.137750	-0.648600	9.23	3.50	12.73
14	53.137580	-0.648830	9.22	3.50	12.72
15	53.138060	-0.652120	9.08	3.50	12.58
16	53.137820	-0.652230	9.58	3.50	13.08
17	53.137750	-0.652040	9.56	3.50	13.06
18	53.135890	-0.651840	9.88	3.50	13.38

Name: PV array 15
Footprint area: 78,226 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132772	-0.647378	9.94	3.50	13.44
2	53.130056	-0.648847	10.80	3.50	14.30
3	53.129882	-0.649255	9.89	3.50	13.39
4	53.129303	-0.648847	10.80	3.50	14.30
5	53.128942	-0.648858	10.87	3.50	14.37
6	53.128884	-0.648418	11.51	3.50	15.01
7	53.128311	-0.648386	11.43	3.50	14.93
8	53.128105	-0.646884	11.40	3.50	14.90
9	53.130622	-0.645758	10.83	3.50	14.33
10	53.130700	-0.646122	11.65	3.50	15.15
11	53.131298	-0.645768	10.18	3.50	13.68
12	53.132410	-0.645330	9.00	3.50	12.50

Name: PV array 2
Footprint area: 575,799 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.178645	-0.666108	19.50	3.50	23.00
2	53.177873	-0.669091	19.28	3.50	22.78
3	53.176523	-0.668029	19.69	3.50	23.19
4	53.174220	-0.666891	26.06	3.50	29.56
5	53.174465	-0.660669	17.80	3.50	21.30
6	53.172497	-0.660755	16.16	3.50	19.66
7	53.172510	-0.661355	17.14	3.50	20.64
8	53.172960	-0.661484	17.29	3.50	20.79
9	53.173230	-0.666677	24.28	3.50	27.78
10	53.172175	-0.666226	20.97	3.50	24.47
11	53.171823	-0.664919	19.69	3.50	23.19
12	53.171714	-0.664865	19.72	3.50	23.22
13	53.170968	-0.662526	18.08	3.50	21.58
14	53.170357	-0.661797	17.29	3.50	20.79
15	53.174293	-0.653523	13.69	3.50	17.19
16	53.178283	-0.655459	15.69	3.50	19.19
17	53.179363	-0.655588	13.41	3.50	16.91
18	53.178051	-0.662519	19.70	3.50	23.20
19	53.177884	-0.665737	19.63	3.50	23.13

Name: PV array 3
Footprint area: 679,940 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.162240	-0.675330	17.88	3.50	21.38
2	53.159340	-0.671810	16.96	3.50	20.46
3	53.159790	-0.670480	16.50	3.50	20.00
4	53.160860	-0.668250	17.83	3.50	21.33
5	53.160420	-0.666810	17.26	3.50	20.76
6	53.159450	-0.669110	15.52	3.50	19.02
7	53.159860	-0.669750	15.96	3.50	19.46
8	53.159140	-0.671710	16.90	3.50	20.40
9	53.158240	-0.670650	16.68	3.50	20.18
10	53.158390	-0.670070	16.02	3.50	19.52
11	53.157840	-0.668790	15.77	3.50	19.27
12	53.159770	-0.664130	19.42	3.50	22.92
13	53.159920	-0.664410	18.34	3.50	21.84
14	53.160980	-0.661830	24.57	3.50	28.07
15	53.161160	-0.662010	24.26	3.50	27.76
16	53.161290	-0.661640	25.79	3.50	29.29
17	53.161160	-0.661450	23.00	3.50	26.50
18	53.162190	-0.659350	26.37	3.50	29.87
19	53.162080	-0.658850	26.32	3.50	29.82
20	53.162600	-0.657690	27.46	3.50	30.96
21	53.165690	-0.658340	22.77	3.50	26.27
22	53.165920	-0.658980	21.27	3.50	24.77
23	53.166210	-0.659430	20.99	3.50	24.49
24	53.165960	-0.661020	21.23	3.50	24.73
25	53.167980	-0.662370	18.26	3.50	21.76
26	53.167650	-0.663320	18.23	3.50	21.73
27	53.167500	-0.667240	23.99	3.50	27.49
28	53.164620	-0.668620	26.56	3.50	30.06
29	53.164820	-0.669520	27.49	3.50	30.99
30	53.163160	-0.671190	20.73	3.50	24.23
31	53.162730	-0.672050	18.84	3.50	22.34
32	53.162570	-0.673160	18.39	3.50	21.89
33	53.162750	-0.673700	17.85	3.50	21.35
34	53.162650	-0.674340	17.02	3.50	20.52

Name: PV array 4
Footprint area: 539,309 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.172585	-0.642585	14.81	3.50	18.31
2	53.173512	-0.648335	13.73	3.50	17.23
3	53.168740	-0.657433	17.19	3.50	20.69
4	53.168560	-0.657412	16.94	3.50	20.44
5	53.168310	-0.657830	18.09	3.50	21.59
6	53.168300	-0.658730	18.04	3.50	21.54
7	53.168070	-0.658890	17.95	3.50	21.45
8	53.165850	-0.657640	21.97	3.50	25.47
9	53.165650	-0.657980	23.24	3.50	26.74
10	53.162740	-0.657270	27.18	3.50	30.68
11	53.164580	-0.653290	23.23	3.50	26.73
12	53.166200	-0.654060	18.29	3.50	21.79
13	53.166850	-0.655520	18.20	3.50	21.70
14	53.167520	-0.655510	17.58	3.50	21.08
15	53.167980	-0.655110	18.44	3.50	21.94
16	53.169113	-0.651554	16.06	3.50	19.56
17	53.169113	-0.651060	15.41	3.50	18.91
18	53.168032	-0.650867	15.63	3.50	19.13
19	53.167955	-0.651597	16.07	3.50	19.57
20	53.167337	-0.651232	15.83	3.50	19.33
21	53.166077	-0.651103	19.26	3.50	22.76
22	53.166115	-0.650481	18.68	3.50	22.18
23	53.165961	-0.650181	19.78	3.50	23.28
24	53.168251	-0.644537	17.16	3.50	20.66
25	53.168920	-0.644687	16.30	3.50	19.80
26	53.170129	-0.644408	16.57	3.50	20.07
27	53.171132	-0.643754	15.25	3.50	18.75
28	53.171151	-0.643400	15.23	3.50	18.73
29	53.172000	-0.642681	14.97	3.50	18.47

Name: PV array 5
Footprint area: 85,119 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.175987	-0.638261	17.17	3.50	20.67
2	53.175962	-0.637317	17.32	3.50	20.82
3	53.175704	-0.636180	15.99	3.50	19.49
4	53.172039	-0.635257	10.34	3.50	13.84
5	53.170855	-0.638197	11.33	3.50	14.83
6	53.174251	-0.638304	12.30	3.50	15.80

Name: PV array 6
Footprint area: 178,317 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.167678	-0.644140	17.52	3.50	21.02
2	53.165556	-0.649011	19.39	3.50	22.89
3	53.164810	-0.644784	20.41	3.50	23.91
4	53.165350	-0.641716	16.27	3.50	19.77
5	53.163562	-0.640986	20.48	3.50	23.98
6	53.161902	-0.640643	22.38	3.50	25.88
7	53.159226	-0.640385	15.78	3.50	19.28
8	53.159329	-0.638197	13.14	3.50	16.64
9	53.162726	-0.638883	20.72	3.50	24.22
10	53.164115	-0.639205	17.21	3.50	20.71
11	53.165183	-0.639763	14.44	3.50	17.94
12	53.165800	-0.640707	14.81	3.50	18.31
13	53.166366	-0.642209	16.10	3.50	19.60
14	53.166971	-0.643282	16.63	3.50	20.13

Name: PV array 7
Footprint area: 492,432 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.164655	-0.651071	23.57	3.50	27.07
2	53.164218	-0.652101	24.34	3.50	27.84
3	53.163588	-0.652015	24.43	3.50	27.93
4	53.163575	-0.652466	24.10	3.50	27.60
5	53.163883	-0.652809	24.86	3.50	28.36
6	53.162790	-0.655406	26.04	3.50	29.54
7	53.162404	-0.655148	26.50	3.50	30.00
8	53.162082	-0.655835	27.39	3.50	30.89
9	53.162263	-0.656543	27.11	3.50	30.61
10	53.161516	-0.658324	26.25	3.50	29.75
11	53.158776	-0.654054	22.55	3.50	26.05
12	53.156879	-0.652104	18.45	3.50	21.95
13	53.156840	-0.650806	17.85	3.50	21.35
14	53.156634	-0.650474	16.75	3.50	20.25
15	53.155412	-0.650935	12.99	3.50	16.49
16	53.155245	-0.650441	12.47	3.50	15.97
17	53.154428	-0.650484	11.62	3.50	15.12
18	53.152317	-0.650581	10.82	3.50	14.32
19	53.151545	-0.650656	11.68	3.50	15.18
20	53.151481	-0.651761	11.49	3.50	14.99
21	53.151159	-0.651729	12.56	3.50	16.06
22	53.151178	-0.650924	12.32	3.50	15.82
23	53.150863	-0.650624	12.97	3.50	16.47
24	53.149042	-0.650581	13.39	3.50	16.89
25	53.149113	-0.652083	14.82	3.50	18.32
26	53.147459	-0.652115	10.92	3.50	14.42
27	53.147762	-0.654604	14.65	3.50	18.15
28	53.146730	-0.654770	11.29	3.50	14.79
29	53.146710	-0.654450	10.79	3.50	14.29
30	53.146660	-0.653930	9.99	3.50	13.49
31	53.146560	-0.653210	9.32	3.50	12.82
32	53.146500	-0.652650	9.65	3.50	13.15
33	53.146620	-0.652540	9.69	3.50	13.19
34	53.146670	-0.652330	9.64	3.50	13.14
35	53.146500	-0.650990	8.94	3.50	12.44
36	53.146830	-0.651060	9.07	3.50	12.57
37	53.147220	-0.650840	9.43	3.50	12.93
38	53.147530	-0.650195	9.95	3.50	13.45
39	53.148058	-0.647824	10.34	3.50	13.84
40	53.149293	-0.647502	11.75	3.50	15.25
41	53.149364	-0.647008	11.40	3.50	14.90
42	53.149004	-0.645163	9.84	3.50	13.34
43	53.149068	-0.644702	10.07	3.50	13.57
44	53.149589	-0.644659	10.09	3.50	13.59
45	53.150246	-0.645152	10.47	3.50	13.97
46	53.150709	-0.646118	10.77	3.50	14.27
47	53.150861	-0.646854	11.55	3.50	15.05
48	53.152186	-0.646683	10.55	3.50	14.05
49	53.152302	-0.648378	10.85	3.50	14.35
50	53.152559	-0.648356	11.03	3.50	14.53
51	53.152650	-0.647820	11.33	3.50	14.83
52	53.152843	-0.647562	10.51	3.50	14.01
53	53.152984	-0.648185	10.54	3.50	14.04
54	53.153396	-0.648850	10.72	3.50	14.22
55	53.153821	-0.649000	11.70	3.50	15.20
56	53.153821	-0.647176	11.57	3.50	15.07
57	53.157030	-0.647114	18.62	3.50	22.12
58	53.157911	-0.650923	21.21	3.50	24.71
59	53.159526	-0.650773	24.30	3.50	27.80
60	53.159841	-0.651545	25.93	3.50	29.43
61	53.160478	-0.652318	28.32	3.50	31.82
62	53.160542	-0.654142	27.00	3.50	30.50
63	53.161668	-0.654152	28.25	3.50	31.75
64	53.162003	-0.653691	27.32	3.50	30.82

65	53.161359	-0.652489	27.84	3.50	31.34
66	53.161314	-0.650848	28.23	3.50	31.73

Name: PV array 8
Footprint area: 15,661 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.149067	-0.644094	9.24	3.50	12.74
2	53.149505	-0.644029	9.82	3.50	13.32
3	53.149878	-0.644094	9.57	3.50	13.07
4	53.150888	-0.643353	9.27	3.50	12.77
5	53.150521	-0.642002	8.25	3.50	11.75
6	53.149871	-0.642806	8.50	3.50	12.00
7	53.149472	-0.642796	8.80	3.50	12.30
8	53.149215	-0.643192	8.74	3.50	12.24
9	53.149022	-0.644072	9.17	3.50	12.67

Name: PV array 9
Footprint area: 49,919 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.144980	-0.656700	12.95	3.50	16.45
2	53.143188	-0.656440	9.91	3.50	13.41
3	53.143170	-0.652900	8.94	3.50	12.44
4	53.143890	-0.652530	9.13	3.50	12.63
5	53.144200	-0.652530	9.20	3.50	12.70
6	53.144680	-0.653130	9.45	3.50	12.95
7	53.144910	-0.653050	9.39	3.50	12.89

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	53.159129	-0.646434	20.60	2.00	22.60
OP 2	53.158331	-0.647588	20.98	2.00	22.98
OP 3	53.157755	-0.657566	25.72	2.00	27.72
OP 4	53.152557	-0.681551	18.97	2.00	20.97
OP 5	53.152729	-0.681191	18.73	2.00	20.73
OP 6	53.152811	-0.680945	18.61	2.00	20.61
OP 7	53.150925	-0.668601	17.27	2.00	19.27
OP 8	53.149928	-0.668526	17.38	2.00	19.38
OP 9	53.149220	-0.667925	17.59	2.00	19.59
OP 10	53.149227	-0.665136	17.31	2.00	19.31
OP 11	53.150591	-0.661874	17.32	2.00	19.32
OP 12	53.151929	-0.658816	19.10	2.00	21.10
OP 13	53.152103	-0.656574	16.07	2.00	18.07
OP 14	53.152765	-0.655984	16.55	2.00	18.55
OP 15	53.155069	-0.655791	14.05	2.00	16.05
OP 16	53.154908	-0.653227	13.69	2.00	15.69
OP 17	53.154522	-0.652540	13.96	2.00	15.96
OP 18	53.153544	-0.652615	14.35	2.00	16.35
OP 19	53.152347	-0.653581	14.86	2.00	16.86
OP 20	53.151086	-0.653302	14.36	2.00	16.36
OP 21	53.150224	-0.653162	16.20	2.00	18.20
OP 22	53.149407	-0.652958	17.25	2.00	19.25
OP 23	53.149490	-0.656359	17.17	2.00	19.17
OP 24	53.149613	-0.659288	17.63	2.00	19.63
OP 25	53.149419	-0.662464	15.92	2.00	17.92
OP 26	53.148470	-0.662086	15.73	2.00	17.73
OP 27	53.147048	-0.661195	13.92	2.00	15.92
OP 28	53.145722	-0.660208	13.45	2.00	15.45
OP 29	56.144911	-0.659629	-69.74	2.00	-67.74
OP 30	53.144873	-0.661721	15.33	2.00	17.33
OP 31	53.144693	-0.663288	16.24	2.00	18.24
OP 32	53.145310	-0.663427	16.70	2.00	18.70
OP 33	53.145117	-0.665744	16.80	2.00	18.80
OP 34	53.145034	-0.667418	16.87	2.00	18.87
OP 35	53.146095	-0.668276	17.03	2.00	19.03
OP 36	53.147408	-0.668588	16.31	2.00	18.31
OP 37	53.157411	-0.633093	10.71	2.00	12.71
OP 38	53.156028	-0.634810	10.85	2.00	12.85
OP 39	53.156639	-0.630518	9.95	2.00	11.95
OP 40	53.155397	-0.632053	10.32	2.00	12.32
OP 41	53.153255	-0.627182	12.33	2.00	14.33
OP 42	53.149108	-0.631108	13.38	2.00	15.38
OP 43	53.150894	-0.628855	13.90	2.00	15.90
OP 44	53.151318	-0.627890	13.61	2.00	15.61
OP 45	53.151515	-0.625444	14.12	2.00	16.12
OP 46	53.153828	-0.619377	12.71	2.00	14.71
OP 47	53.153906	-0.622923	14.21	2.00	16.21
OP 48	53.153275	-0.621979	13.77	2.00	15.77
OP 49	53.152381	-0.621609	13.67	2.00	15.67
OP 50	53.153172	-0.618755	12.85	2.00	14.85
OP 51	53.152973	-0.616942	10.92	2.00	12.92
OP 52	53.151692	-0.617076	10.08	2.00	12.08
OP 53	53.151171	-0.616856	11.30	2.00	13.30
OP 54	53.142109	-0.671916	17.83	2.00	19.83
OP 55	53.142405	-0.669717	16.13	2.00	18.13
OP 56	53.145392	-0.644379	12.84	2.00	14.84
OP 57	53.145174	-0.643274	13.78	2.00	15.78
OP 58	53.144205	-0.643944	13.69	2.00	15.69
OP 59	53.142796	-0.646616	10.22	2.00	12.22
OP 60	53.142242	-0.646015	11.89	2.00	13.89
OP 61	53.141785	-0.645189	11.00	2.00	13.00
OP 62	53.142513	-0.643928	13.08	2.00	15.08
OP 63	53.140202	-0.645650	11.83	2.00	13.83

OP 64	53.139462	-0.645655	12.20	2.00	14.20
OP 65	53.136518	-0.639416	14.04	2.00	16.04
OP 66	53.139146	-0.632715	14.45	2.00	16.45
OP 67	53.138901	-0.631884	15.28	2.00	17.28
OP 68	53.138608	-0.628982	14.49	2.00	16.49
OP 69	53.140645	-0.607103	9.41	2.00	11.41
OP 70	53.140375	-0.606360	11.08	2.00	13.08
OP 71	53.137691	-0.608669	9.46	2.00	11.46
OP 72	53.135894	-0.632764	15.26	2.00	17.26
OP 73	53.135230	-0.633700	15.51	2.00	17.51
OP 74	53.134910	-0.632910	15.30	2.00	17.30
OP 75	53.134740	-0.630650	15.26	2.00	17.26
OP 76	53.134160	-0.622020	12.01	2.00	14.01
OP 77	53.134270	-0.656540	14.33	2.00	16.33
OP 78	53.134380	-0.647150	10.70	2.00	12.70
OP 79	53.133900	-0.640660	13.07	2.00	15.07
OP 80	53.134140	-0.639900	13.55	2.00	15.55

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
PV array 1	45.0	180.0	50,382	0	-	-
PV array 10	45.0	180.0	49,127	3,028	-	-
PV array 11	45.0	180.0	70,180	7,707	-	-
PV array 12	45.0	180.0	5,644	137	-	-
PV array 13	45.0	180.0	4,481	1,366	-	-
PV array 14	45.0	180.0	47,456	8,619	-	-
PV array 15	45.0	180.0	0	0	-	-
PV array 2	45.0	180.0	1,468	0	-	-
PV array 3	45.0	180.0	67,231	2,478	-	-
PV array 4	45.0	180.0	21,229	0	-	-
PV array 5	45.0	180.0	0	0	-	-
PV array 6	45.0	180.0	36,359	129	-	-
PV array 7	45.0	180.0	159,037	15,318	-	-
PV array 8	45.0	180.0	23,318	0	-	-
PV array 9	45.0	180.0	30,181	713	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
pv-array-1 (green)	0	0	0	390	714	730	731	598	0	0	0	0
pv-array-1 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-10 (green)	0	0	388	1046	1977	2141	2127	1407	551	0	0	0
pv-array-10 (yellow)	0	0	178	544	135	0	33	488	340	0	0	0
pv-array-11 (green)	0	0	380	1113	1769	1947	1914	1239	665	0	0	0
pv-array-11 (yellow)	0	0	156	464	108	0	28	461	299	0	0	0
pv-array-12 (green)	0	0	243	512	196	0	40	520	390	0	0	0
pv-array-12 (yellow)	0	0	0	34	0	0	0	21	5	0	0	0
pv-array-13 (green)	0	0	225	226	567	694	661	289	309	0	0	0
pv-array-13 (yellow)	0	0	13	319	117	0	39	343	51	0	0	0
pv-array-14 (green)	0	0	536	2172	2943	3235	3042	2582	1030	0	0	0
pv-array-14 (yellow)	0	0	2	643	889	479	788	805	116	0	0	0
pv-array-2 (green)	0	0	0	0	0	526	94	0	0	0	0	0
pv-array-2 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-3 (green)	0	0	268	1015	1222	1250	1250	1090	526	0	0	0
pv-array-3 (yellow)	0	0	0	76	1	0	0	62	21	0	0	0
pv-array-4 (green)	0	0	0	29	611	660	661	181	0	0	0	0
pv-array-4 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-6 (green)	0	0	60	582	1245	1491	1441	717	217	0	0	0
pv-array-6 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-7 (green)	0	0	637	1661	2081	2437	2259	1790	1098	0	0	0
pv-array-7 (yellow)	0	0	46	177	113	0	73	185	83	0	0	0
pv-array-8 (green)	0	0	337	1094	1264	1278	1283	1150	665	0	0	0
pv-array-8 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-9 (green)	0	0	297	1076	809	677	676	1124	596	0	0	0
pv-array-9 (yellow)	0	0	0	4	0	0	0	5	0	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

PV array 1 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	2960	0
OP: OP 2	2622	0
OP: OP 3	827	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	201	0
OP: OP 17	139	0

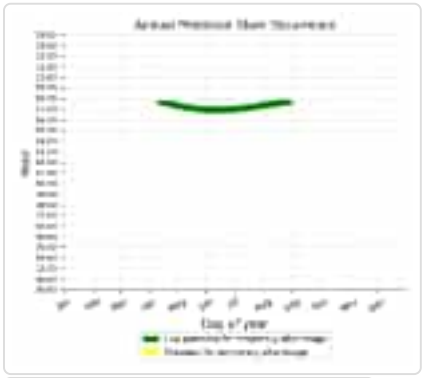
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	3120	0
OP: OP 38	2742	0
OP: OP 39	3055	0
OP: OP 40	2714	0
OP: OP 41	2422	0
OP: OP 42	970	0
OP: OP 43	1798	0
OP: OP 44	1959	0
OP: OP 45	2122	0
OP: OP 46	2790	0
OP: OP 47	2678	0
OP: OP 48	2572	0
OP: OP 49	2457	0
OP: OP 50	2694	0
OP: OP 51	2740	0
OP: OP 52	2517	0
OP: OP 53	2425	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	873	0
OP: OP 70	872	0
OP: OP 71	113	0

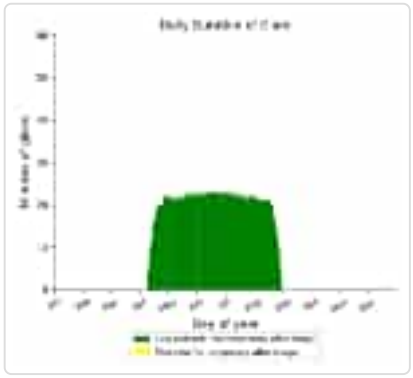
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

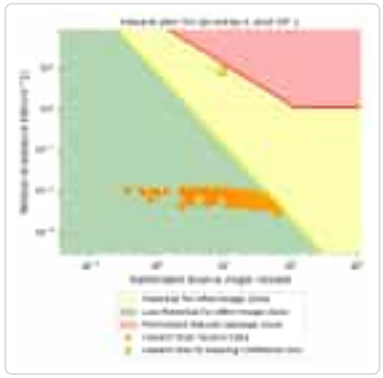
PV array 1: OP 1

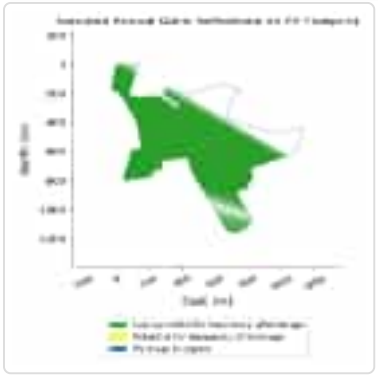
PV array is expected to produce the following glare for this receptor:

- 2,960 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





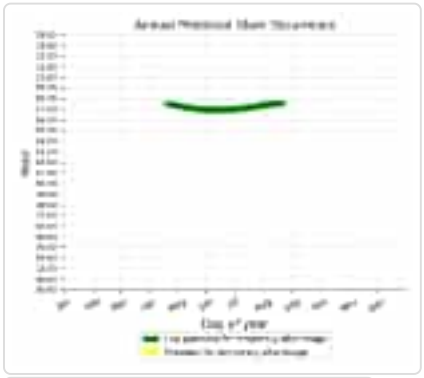


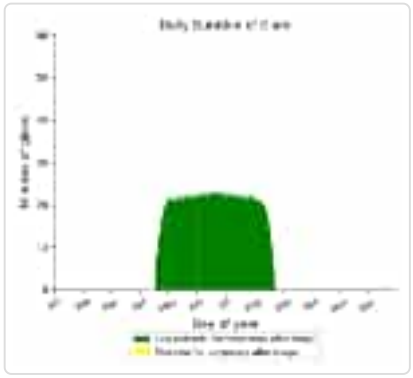


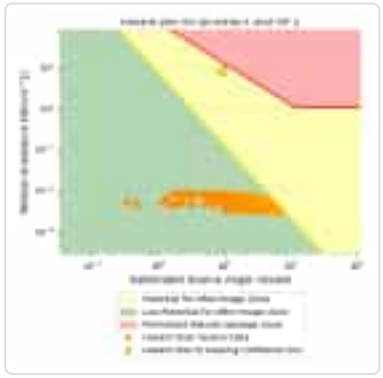
PV array 1: OP 2

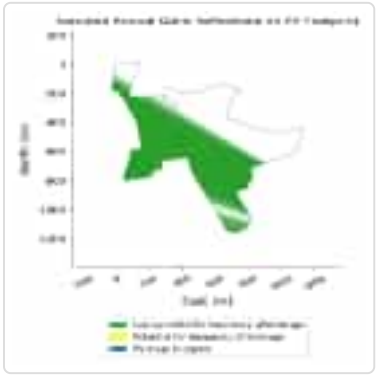
PV array is expected to produce the following glare for this receptor:

- 2,622 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





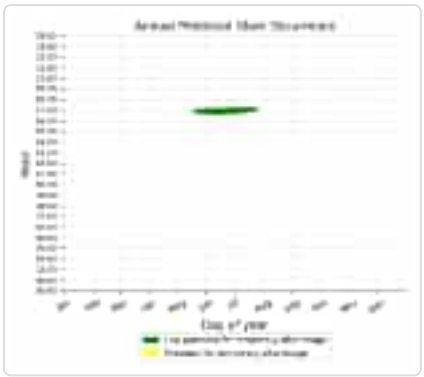


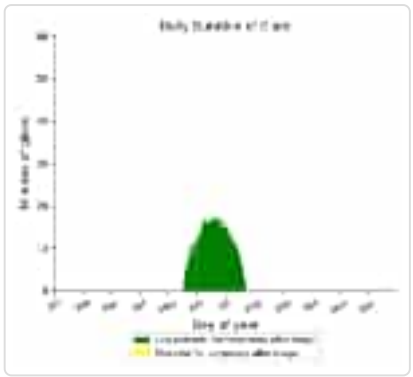


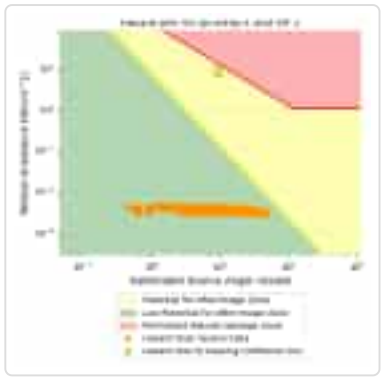
PV array 1: OP 3

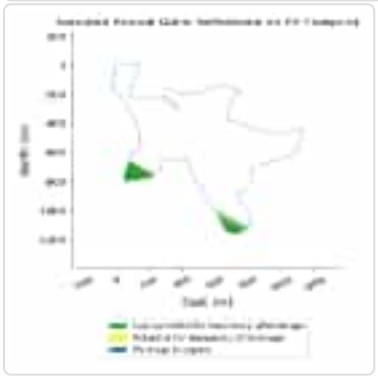
PV array is expected to produce the following glare for this receptor:

- 827 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 4

No glare found

PV array 1: OP 5

No glare found

PV array 1: OP 6

No glare found

PV array 1: OP 7

No glare found

PV array 1: OP 8

No glare found

PV array 1: OP 9

No glare found

PV array 1: OP 10

No glare found

PV array 1: OP 11

No glare found

PV array 1: OP 12

No glare found

PV array 1: OP 13

No glare found

PV array 1: OP 14

No glare found

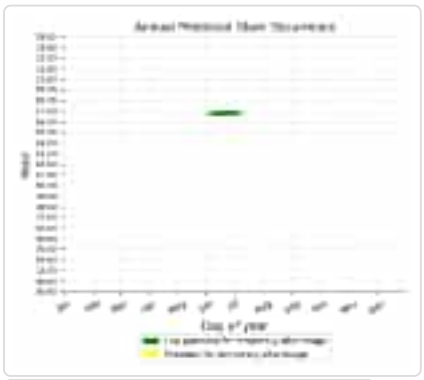
PV array 1: OP 15

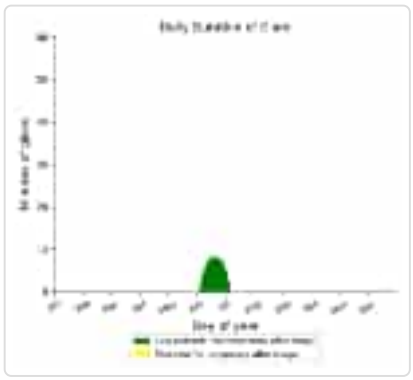
No glare found

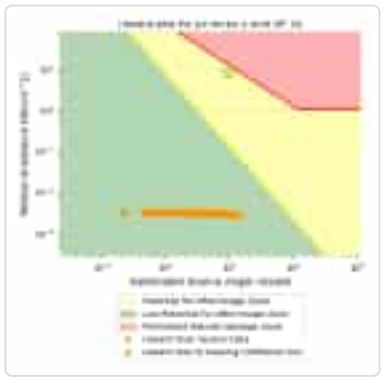
PV array 1: OP 16

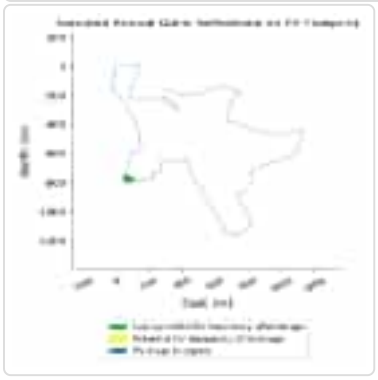
PV array is expected to produce the following glare for this receptor:

- 201 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





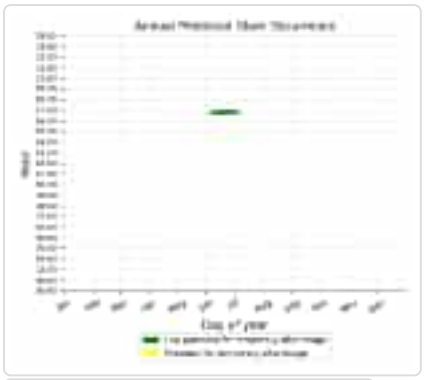


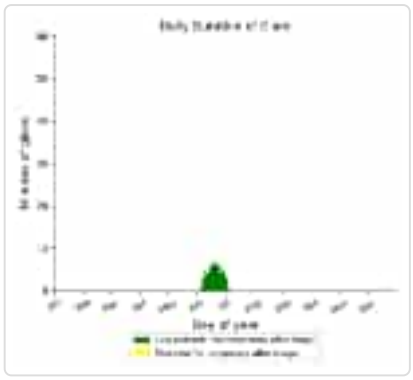


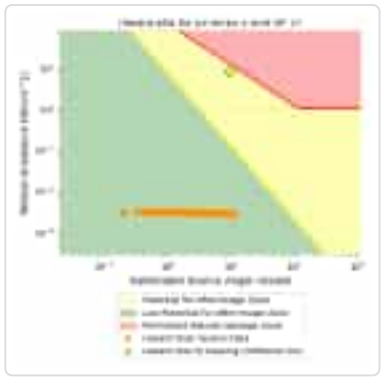
PV array 1: OP 17

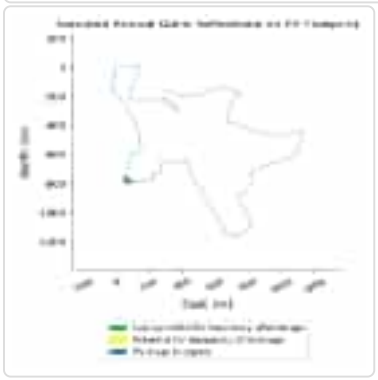
PV array is expected to produce the following glare for this receptor:

- 139 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 18

No glare found

PV array 1: OP 19

No glare found

PV array 1: OP 20

No glare found

PV array 1: OP 21

No glare found

PV array 1: OP 22

No glare found

PV array 1: OP 23

No glare found

PV array 1: OP 24

No glare found

PV array 1: OP 25

No glare found

PV array 1: OP 26

No glare found

PV array 1: OP 27

No glare found

PV array 1: OP 28

No glare found

PV array 1: OP 29

No glare found

PV array 1: OP 30

No glare found

PV array 1: OP 31

No glare found

PV array 1: OP 32

No glare found

PV array 1: OP 33

No glare found

PV array 1: OP 34

No glare found

PV array 1: OP 35

No glare found

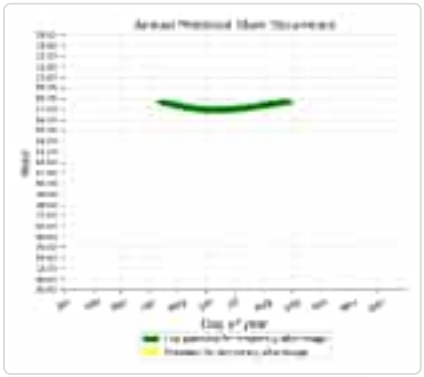
PV array 1: OP 36

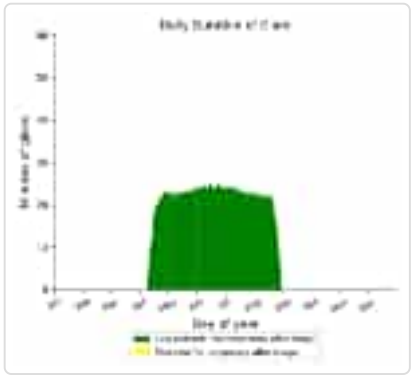
No glare found

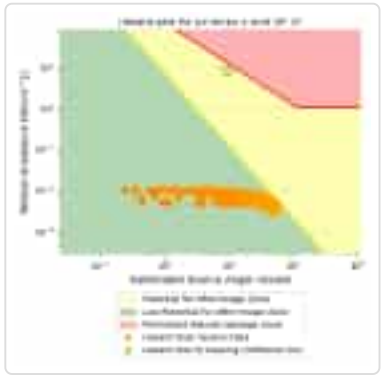
PV array 1: OP 37

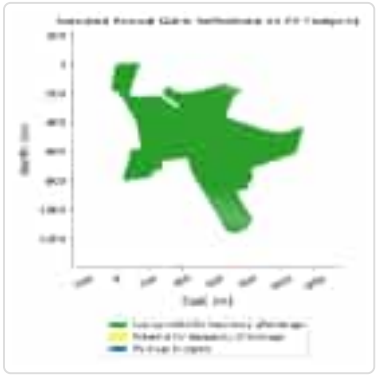
PV array is expected to produce the following glare for this receptor:

- 3,120 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





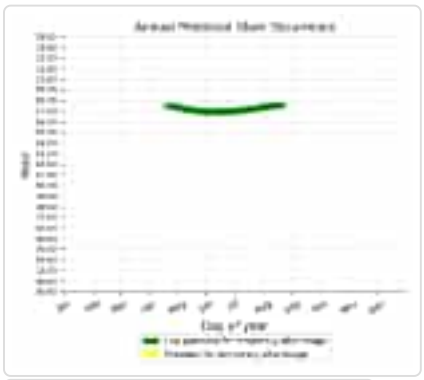


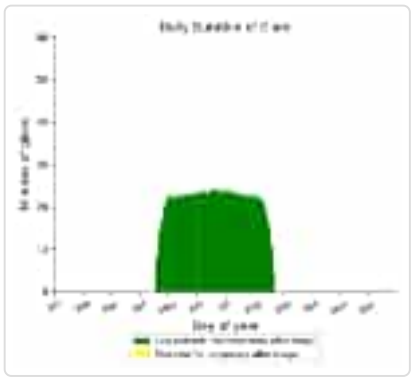


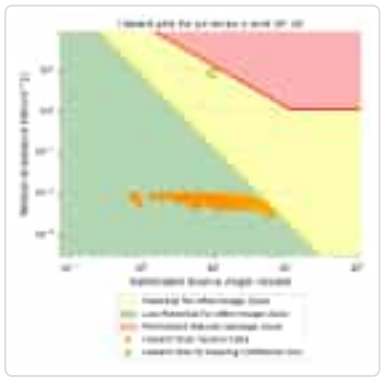
PV array 1: OP 38

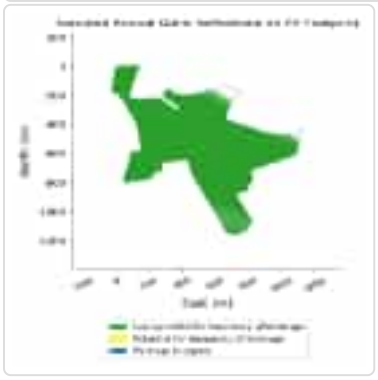
PV array is expected to produce the following glare for this receptor:

- 2,742 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





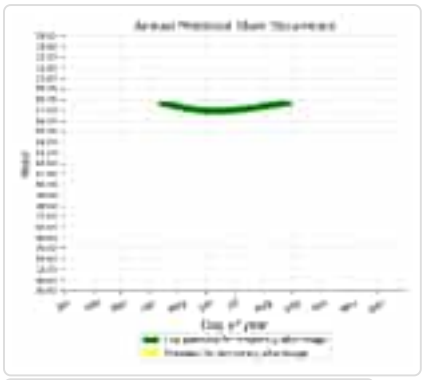


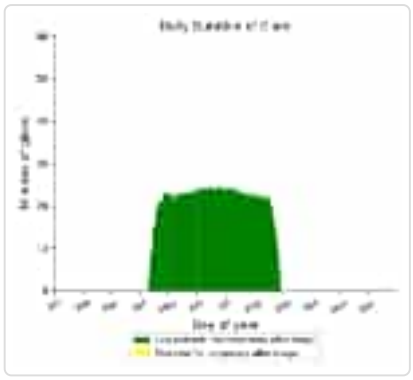


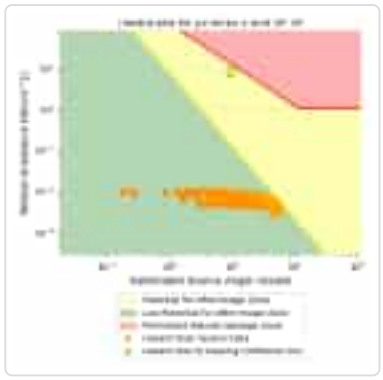
PV array 1: OP 39

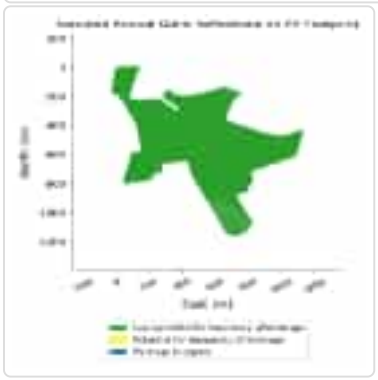
PV array is expected to produce the following glare for this receptor:

- 3,055 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





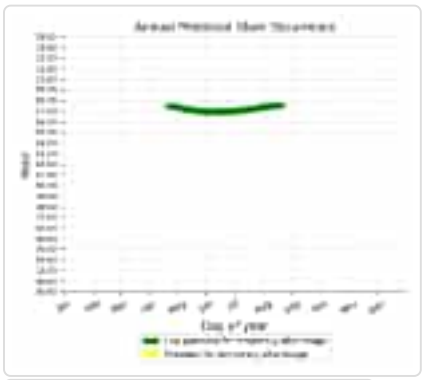


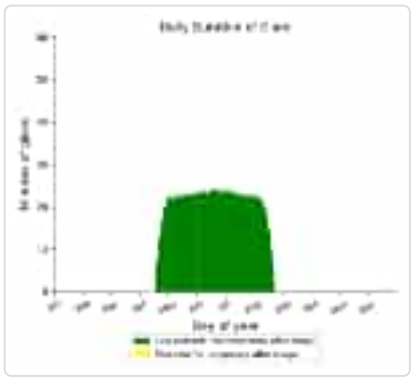


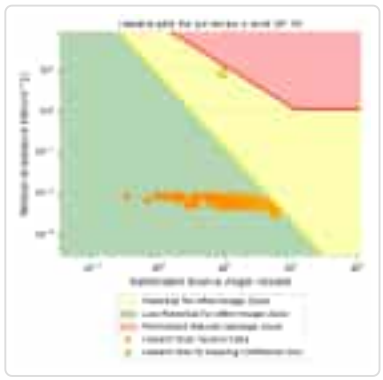
PV array 1: OP 40

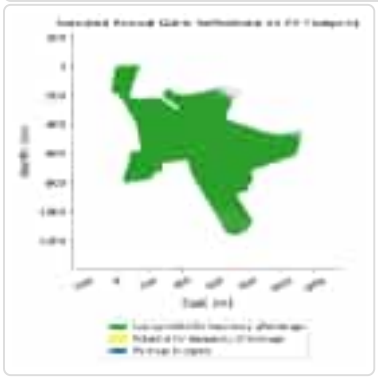
PV array is expected to produce the following glare for this receptor:

- 2,714 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





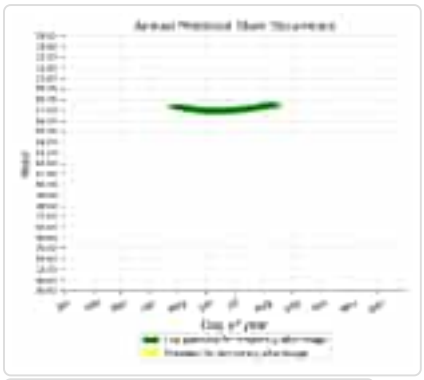


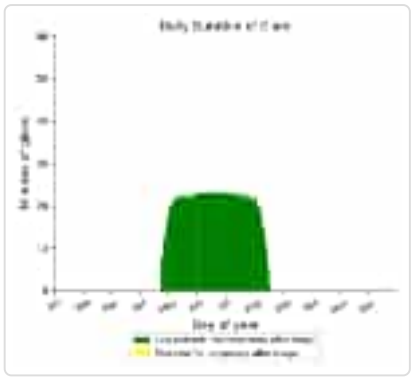


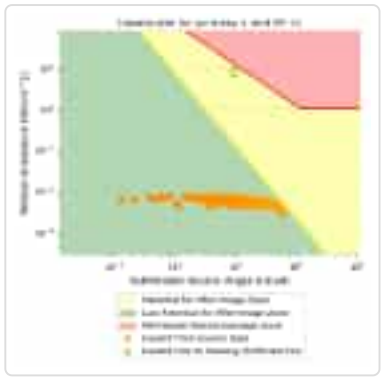
PV array 1: OP 41

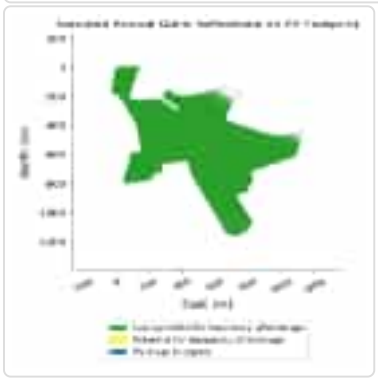
PV array is expected to produce the following glare for this receptor:

- 2,422 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





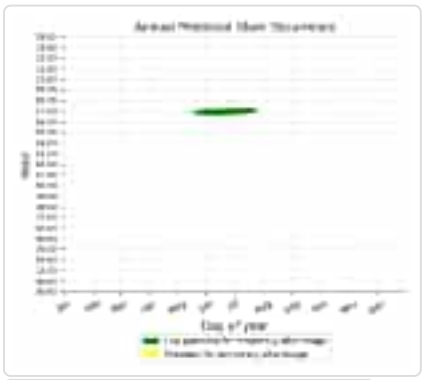


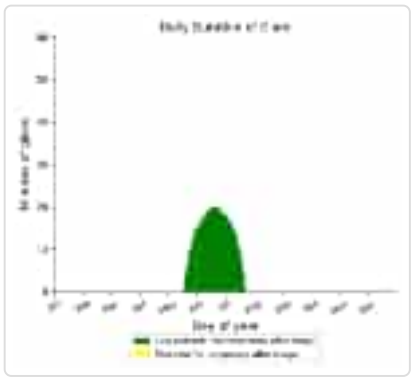


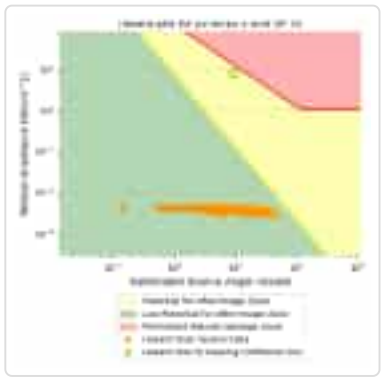
PV array 1: OP 42

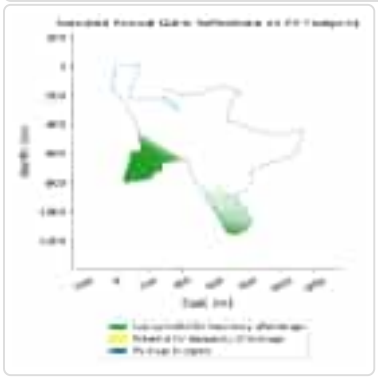
PV array is expected to produce the following glare for this receptor:

- 970 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





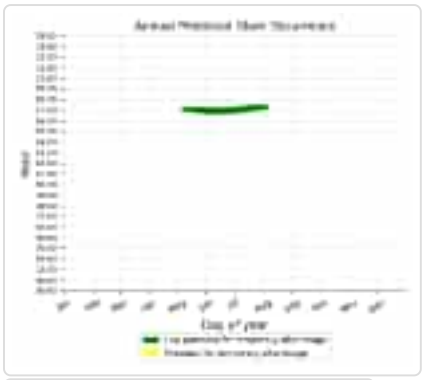


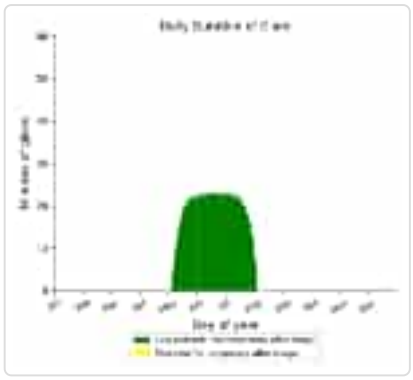


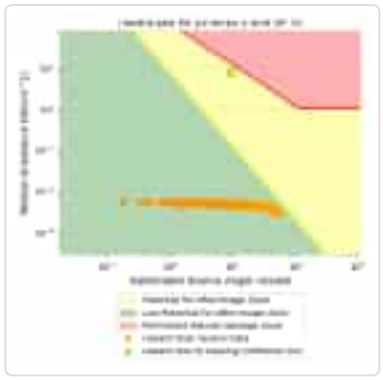
PV array 1: OP 43

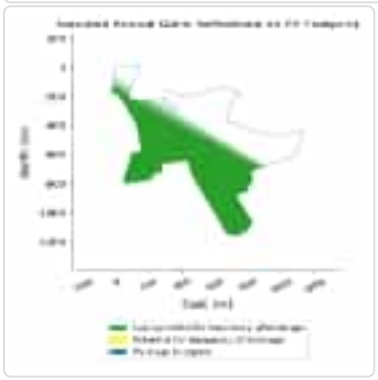
PV array is expected to produce the following glare for this receptor:

- 1,798 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





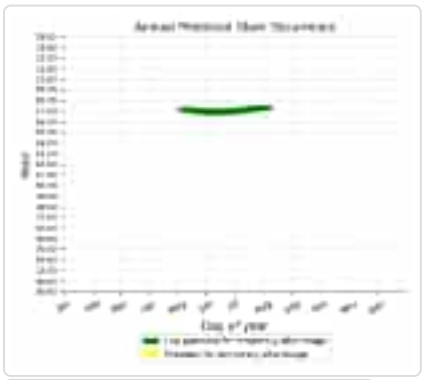


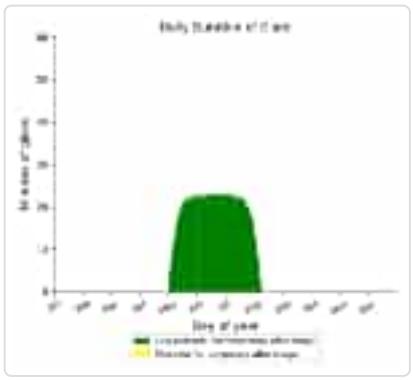


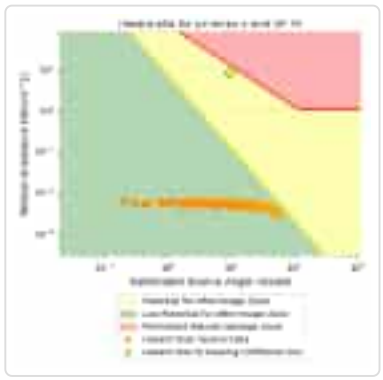
PV array 1: OP 44

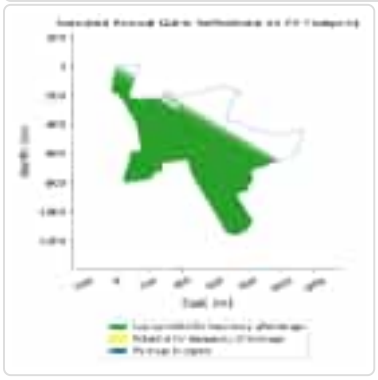
PV array is expected to produce the following glare for this receptor:

- 1,959 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





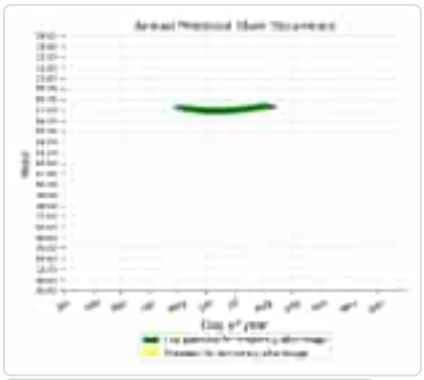


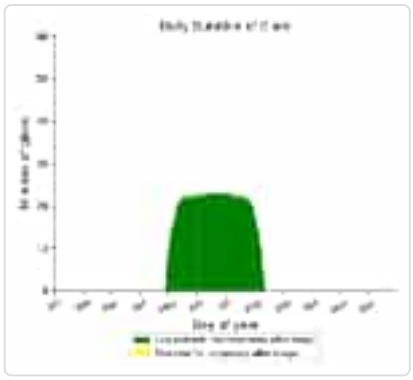


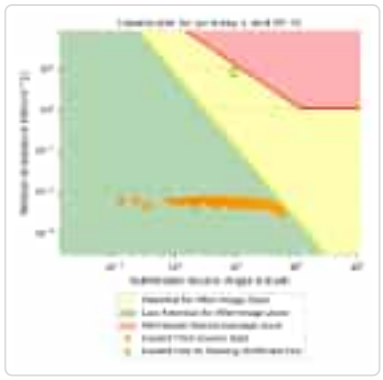
PV array 1: OP 45

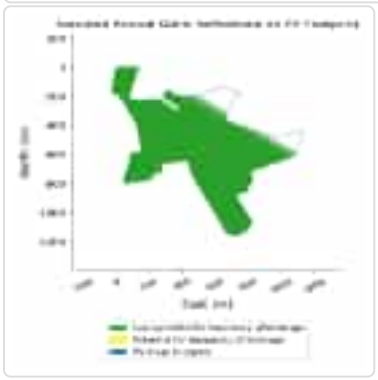
PV array is expected to produce the following glare for this receptor:

- 2,122 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





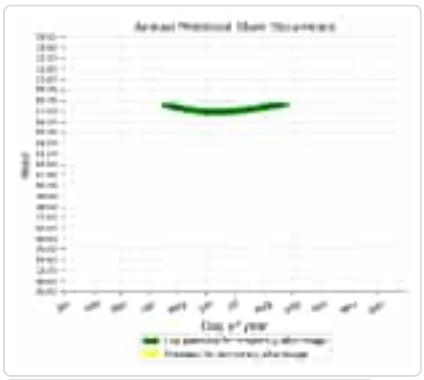


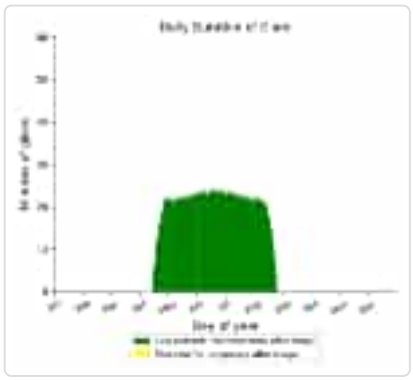


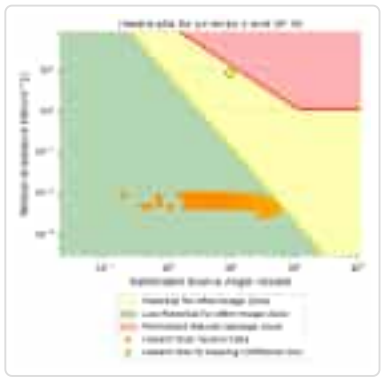
PV array 1: OP 46

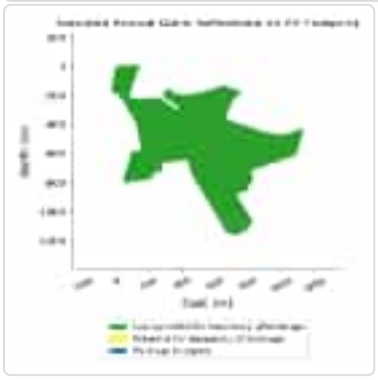
PV array is expected to produce the following glare for this receptor:

- 2,790 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





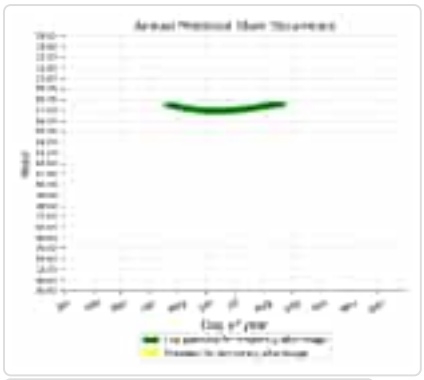


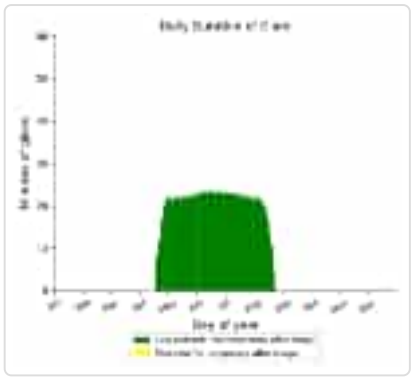


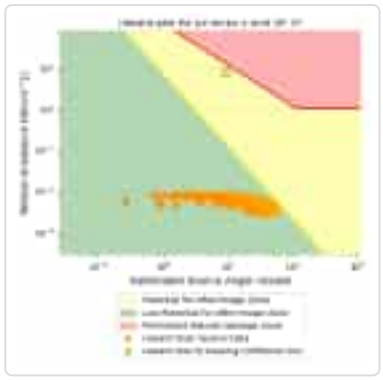
PV array 1: OP 47

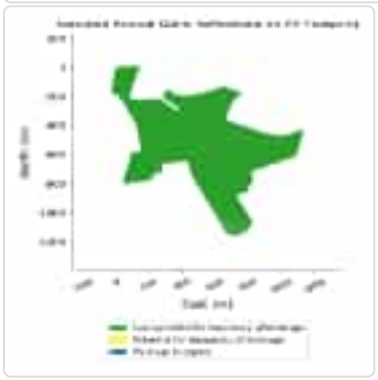
PV array is expected to produce the following glare for this receptor:

- 2,678 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





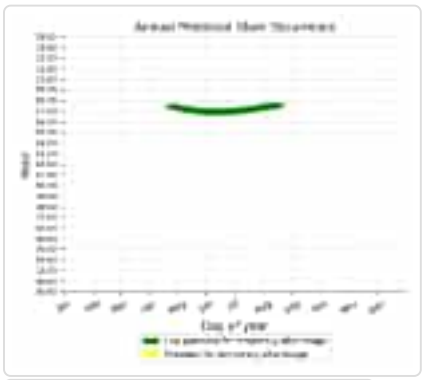


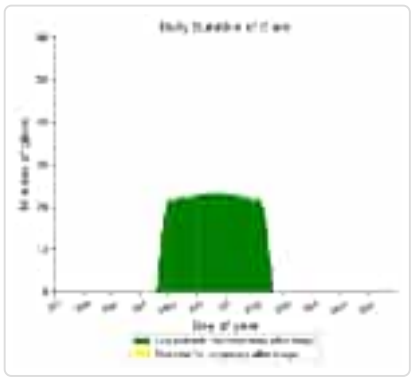


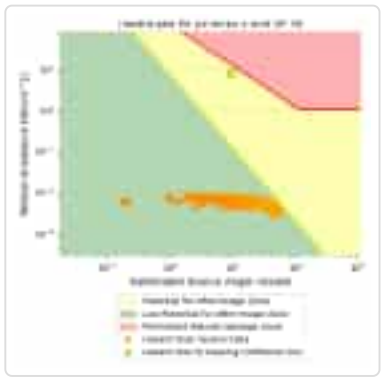
PV array 1: OP 48

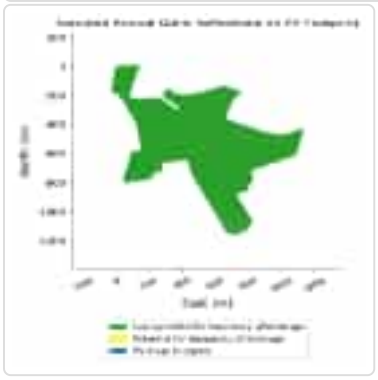
PV array is expected to produce the following glare for this receptor:

- 2,572 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





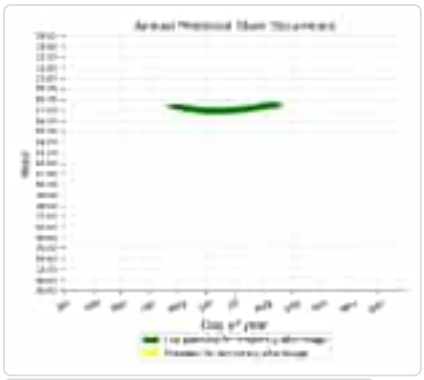


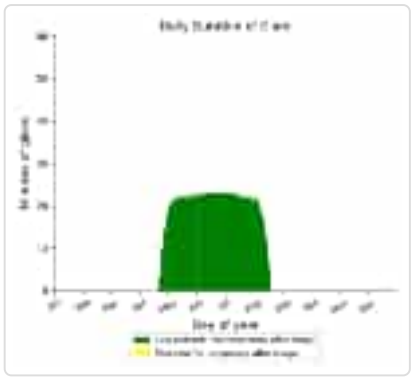


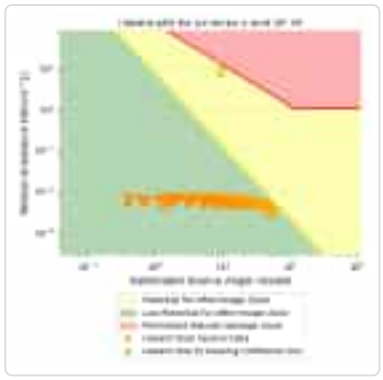
PV array 1: OP 49

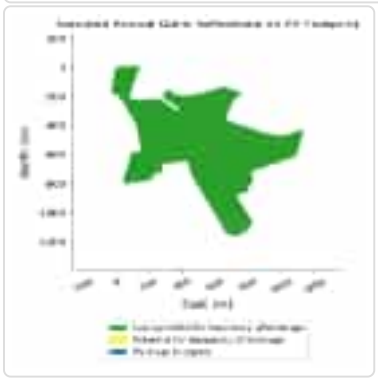
PV array is expected to produce the following glare for this receptor:

- 2,457 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





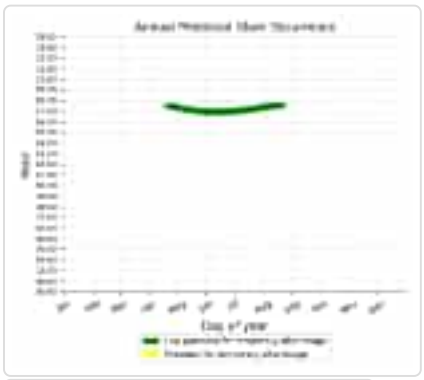


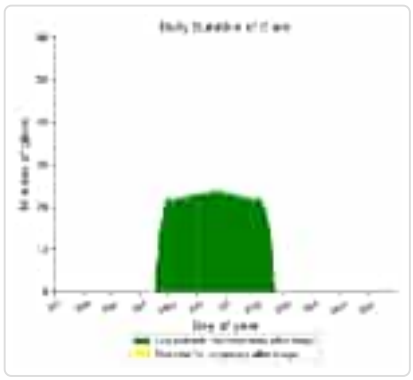


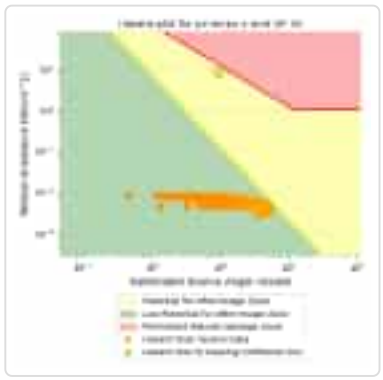
PV array 1: OP 50

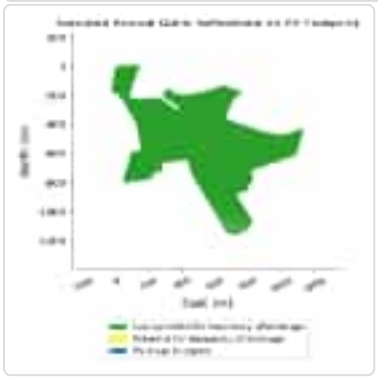
PV array is expected to produce the following glare for this receptor:

- 2,694 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





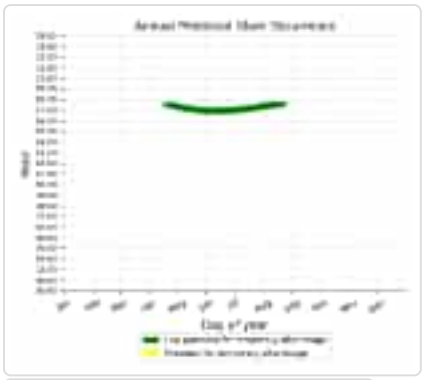


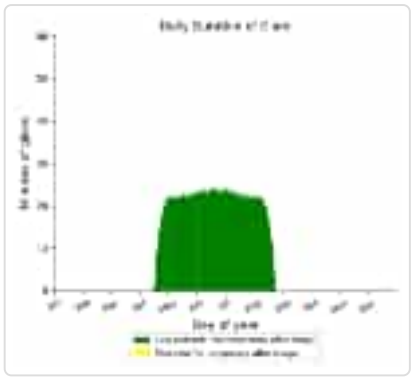


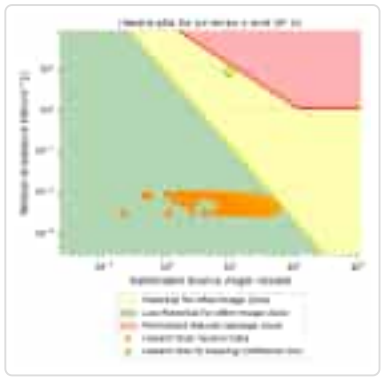
PV array 1: OP 51

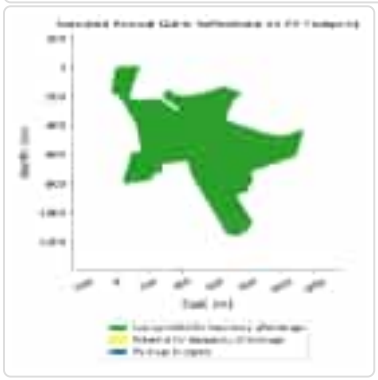
PV array is expected to produce the following glare for this receptor:

- 2,740 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





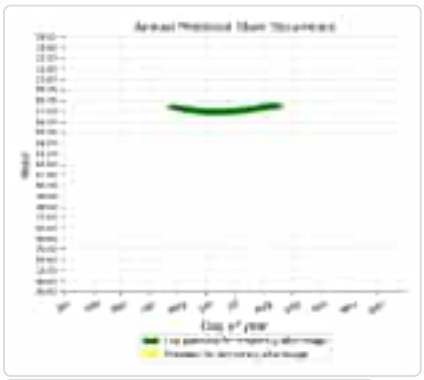


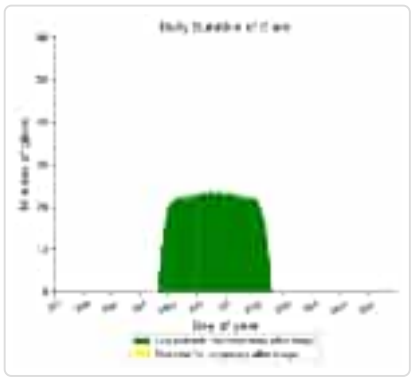


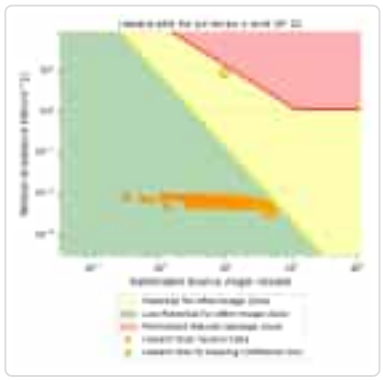
PV array 1: OP 52

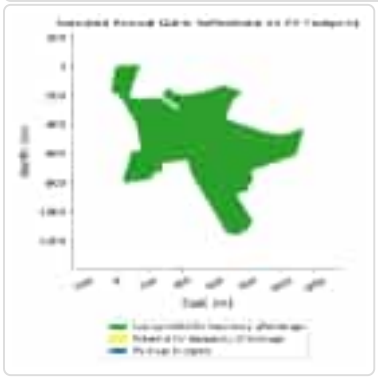
PV array is expected to produce the following glare for this receptor:

- 2,517 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





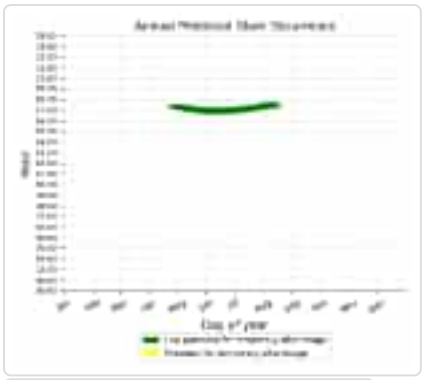


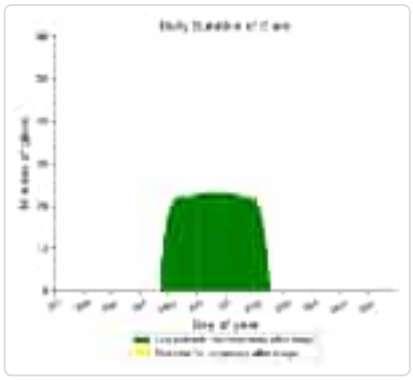


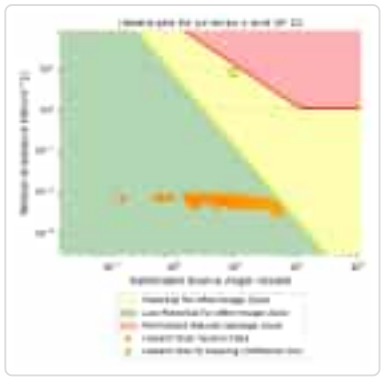
PV array 1: OP 53

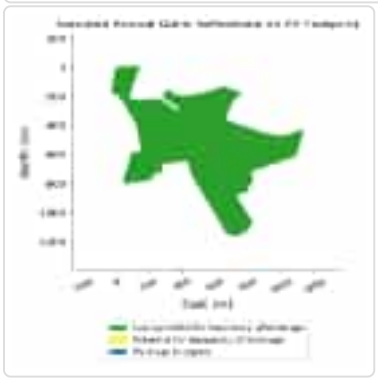
PV array is expected to produce the following glare for this receptor:

- 2,425 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 54

No glare found

PV array 1: OP 55

No glare found

PV array 1: OP 56

No glare found

PV array 1: OP 57

No glare found

PV array 1: OP 58

No glare found

PV array 1: OP 59

No glare found

PV array 1: OP 60

No glare found

PV array 1: OP 61

No glare found

PV array 1: OP 62

No glare found

PV array 1: OP 63

No glare found

PV array 1: OP 64

No glare found

PV array 1: OP 65

No glare found

PV array 1: OP 66

No glare found

PV array 1: OP 67

No glare found

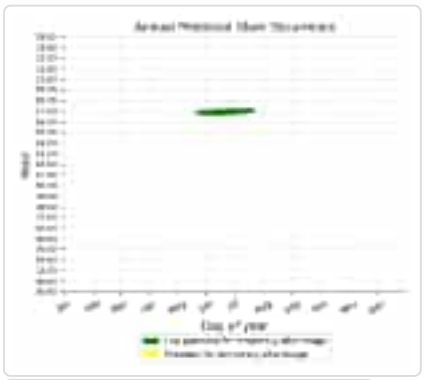
PV array 1: OP 68

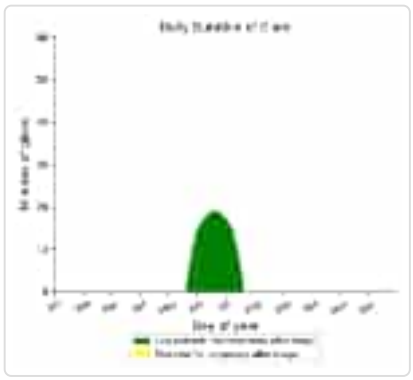
No glare found

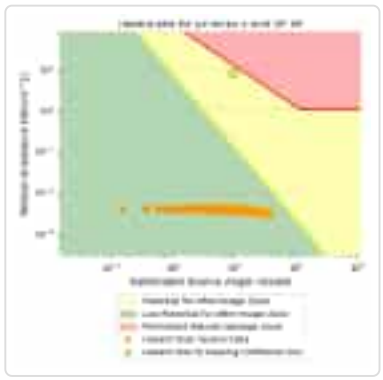
PV array 1: OP 69

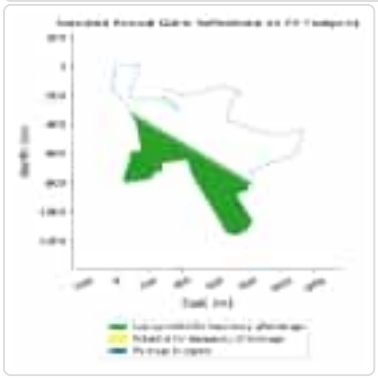
PV array is expected to produce the following glare for this receptor:

- 873 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





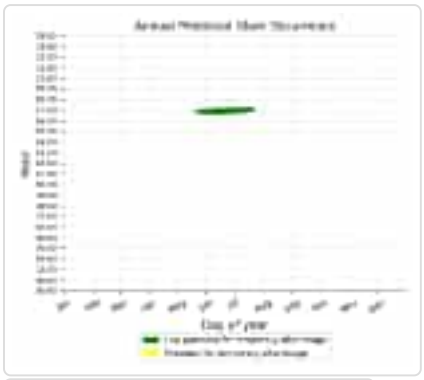


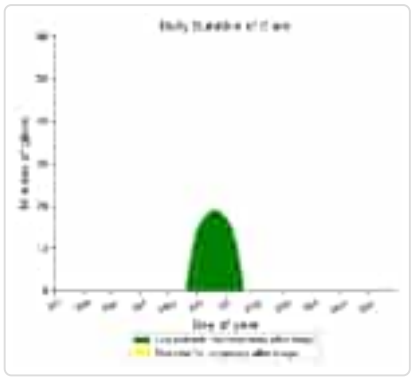


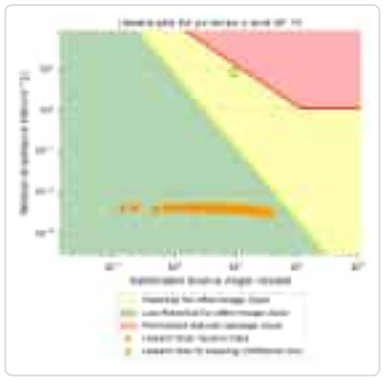
PV array 1: OP 70

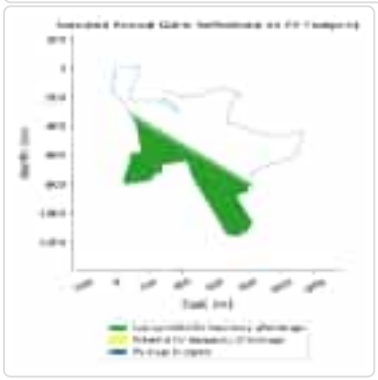
PV array is expected to produce the following glare for this receptor:

- 872 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





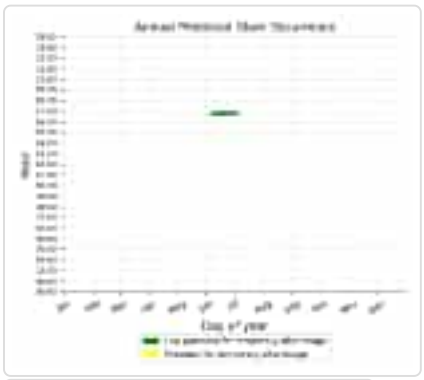


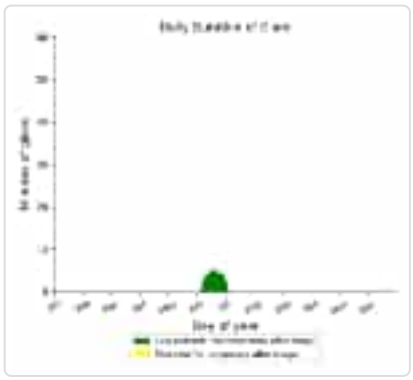


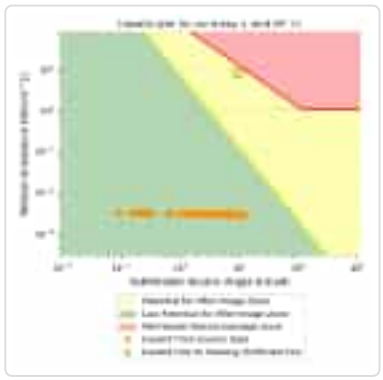
PV array 1: OP 71

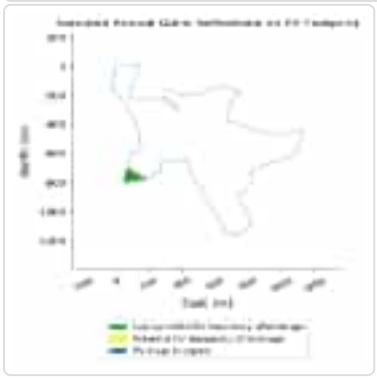
PV array is expected to produce the following glare for this receptor:

- 113 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 72

No glare found

PV array 1: OP 73

No glare found

PV array 1: OP 74

No glare found

PV array 1: OP 75

No glare found

PV array 1: OP 76

No glare found

PV array 1: OP 77

No glare found

PV array 1: OP 78

No glare found

PV array 1: OP 79

No glare found

PV array 1: OP 80

No glare found

PV array 10 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	186	0
OP: OP 9	437	0
OP: OP 10	493	0
OP: OP 11	52	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	273	0
OP: OP 22	718	0
OP: OP 23	562	0
OP: OP 24	427	0
OP: OP 25	454	0
OP: OP 26	694	0
OP: OP 27	908	0
OP: OP 28	1430	0
OP: OP 29	0	0
OP: OP 30	1659	0
OP: OP 31	1592	0
OP: OP 32	1520	0
OP: OP 33	1363	0
OP: OP 34	1313	0
OP: OP 35	1113	0
OP: OP 36	812	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	3178	1671
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0

OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	1681	0
OP: OP 55	1777	0
OP: OP 56	3108	683
OP: OP 57	3281	516
OP: OP 58	3637	158
OP: OP 59	1675	0
OP: OP 60	2221	0
OP: OP 61	1727	0
OP: OP 62	2486	0
OP: OP 63	1095	0
OP: OP 64	542	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	2639	0
OP: OP 70	2468	0
OP: OP 71	1606	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

PV array 10: OP 1

No glare found

PV array 10: OP 2

No glare found

PV array 10: OP 3

No glare found

PV array 10: OP 4

No glare found

PV array 10: OP 5

No glare found

PV array 10: OP 6

No glare found

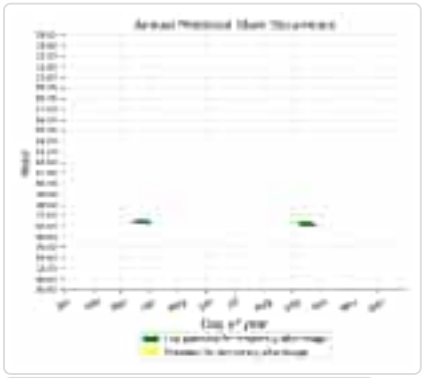
PV array 10: OP 7

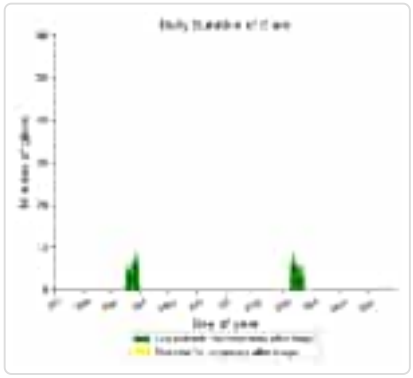
No glare found

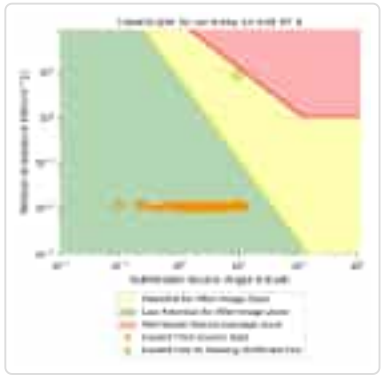
PV array 10: OP 8

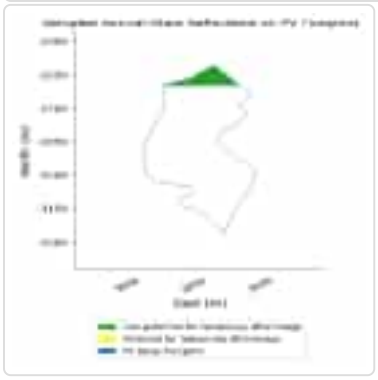
PV array is expected to produce the following glare for this receptor:

- 186 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





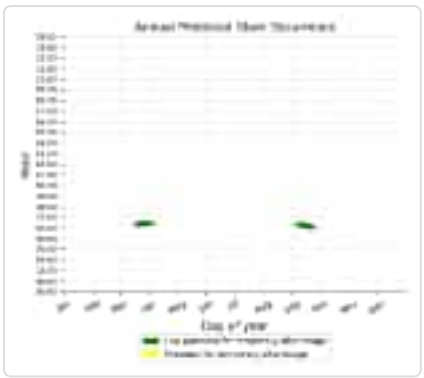


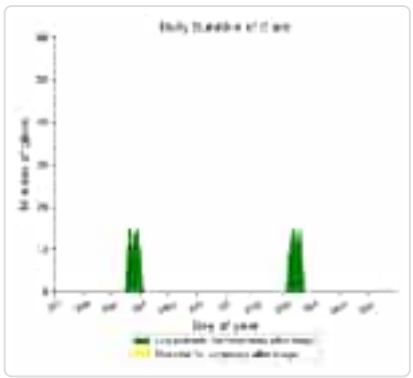


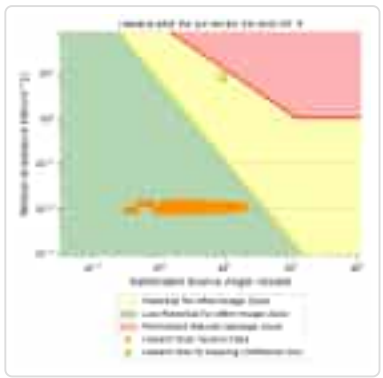
PV array 10: OP 9

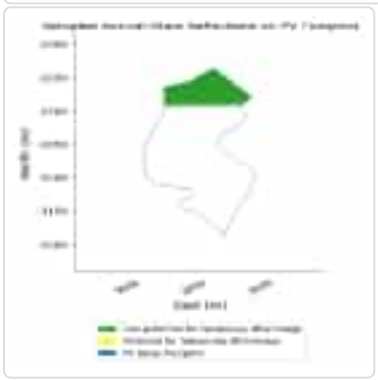
PV array is expected to produce the following glare for this receptor:

- 437 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





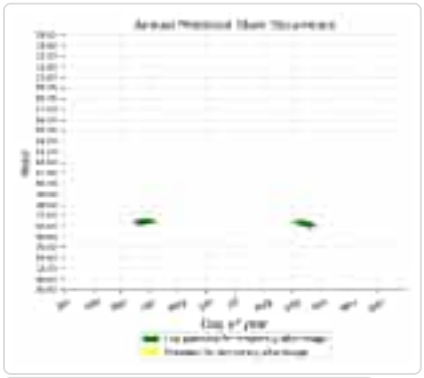


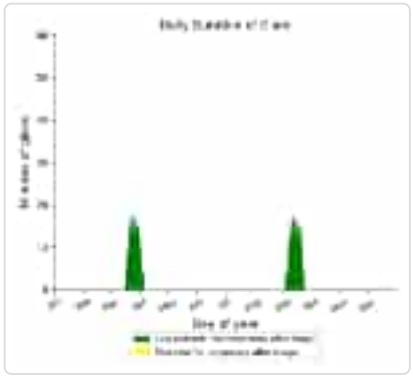


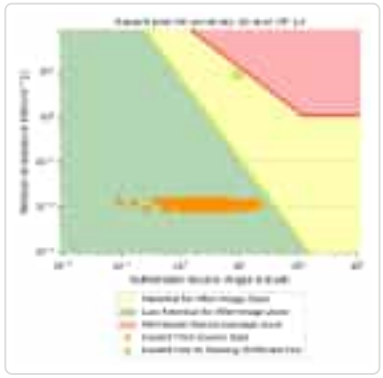
PV array 10: OP 10

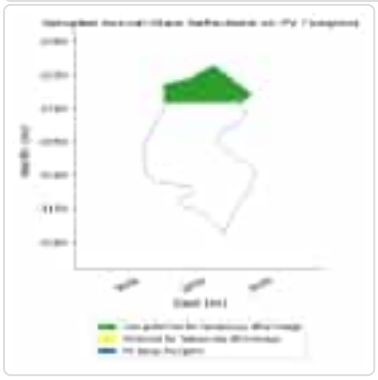
PV array is expected to produce the following glare for this receptor:

- 493 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





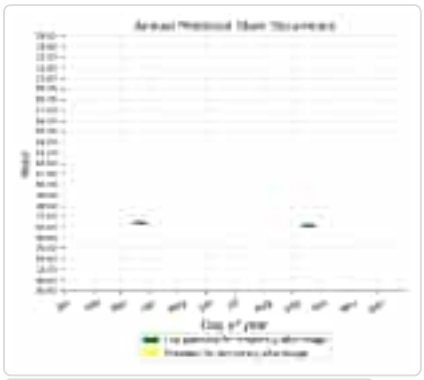


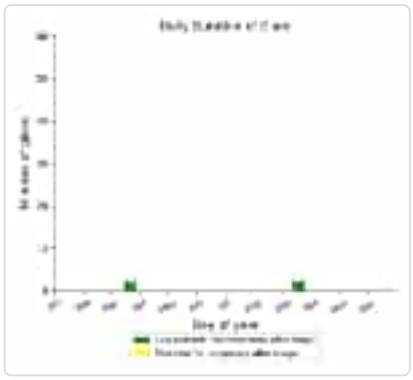


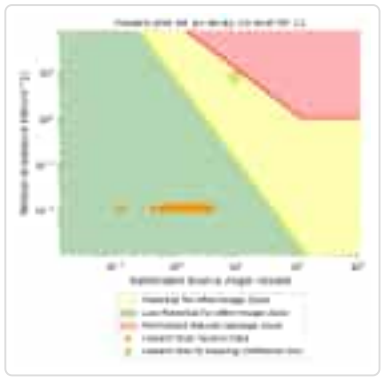
PV array 10: OP 11

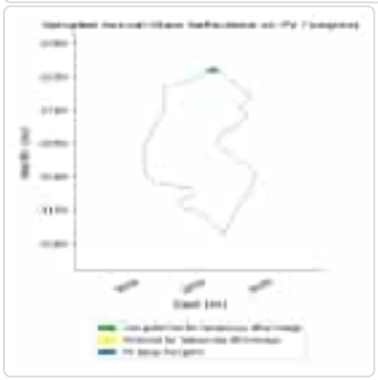
PV array is expected to produce the following glare for this receptor:

- 52 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 12

No glare found

PV array 10: OP 13

No glare found

PV array 10: OP 14

No glare found

PV array 10: OP 15

No glare found

PV array 10: OP 16

No glare found

PV array 10: OP 17

No glare found

PV array 10: OP 18

No glare found

PV array 10: OP 19

No glare found

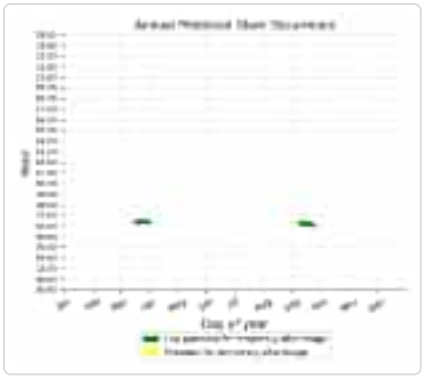
PV array 10: OP 20

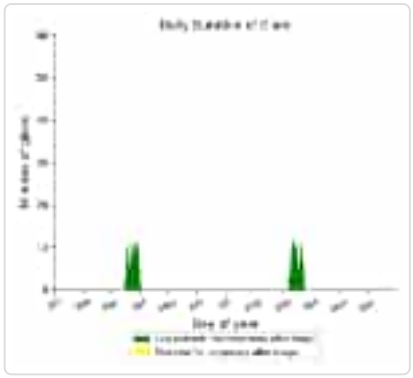
No glare found

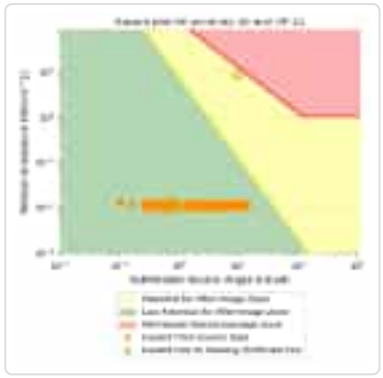
PV array 10: OP 21

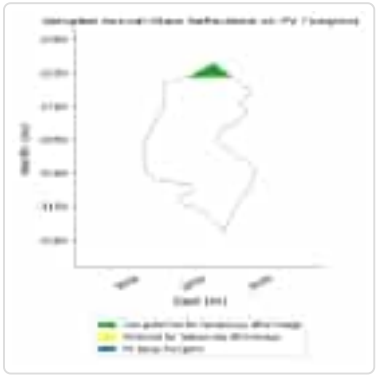
PV array is expected to produce the following glare for this receptor:

- 273 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





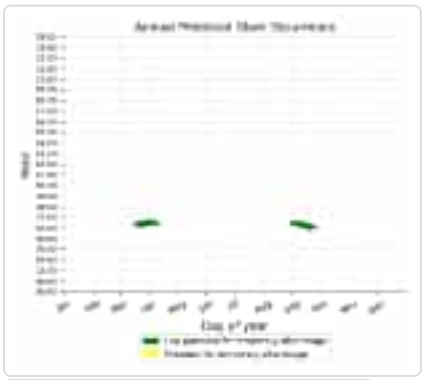


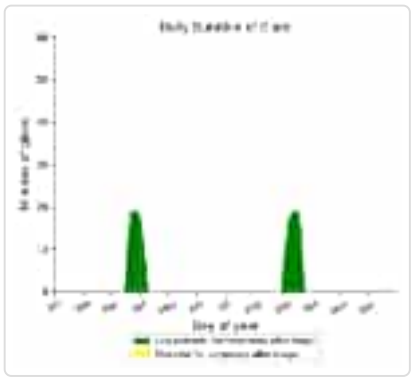


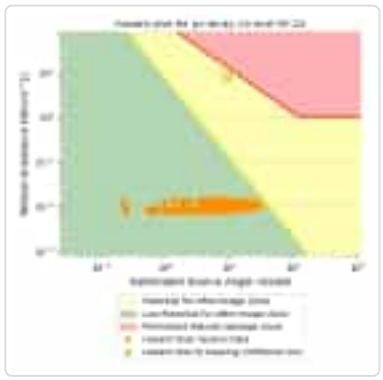
PV array 10: OP 22

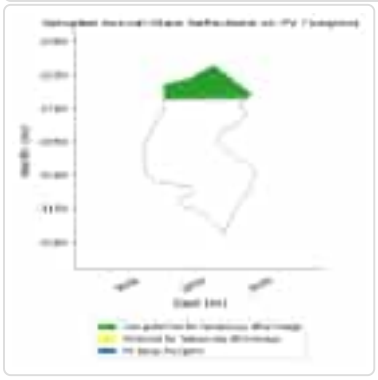
PV array is expected to produce the following glare for this receptor:

- 718 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





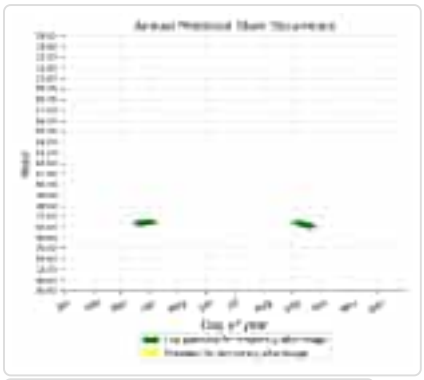


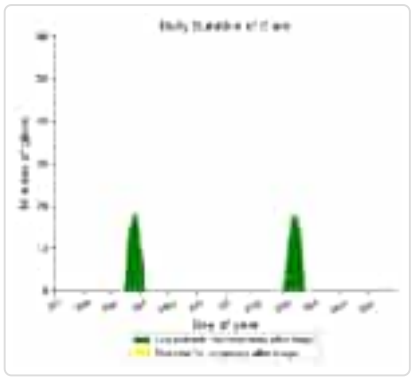


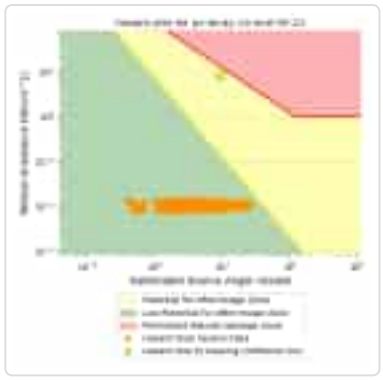
PV array 10: OP 23

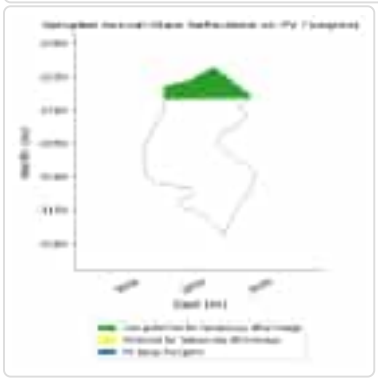
PV array is expected to produce the following glare for this receptor:

- 562 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





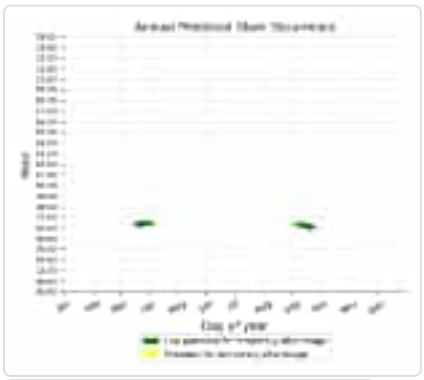


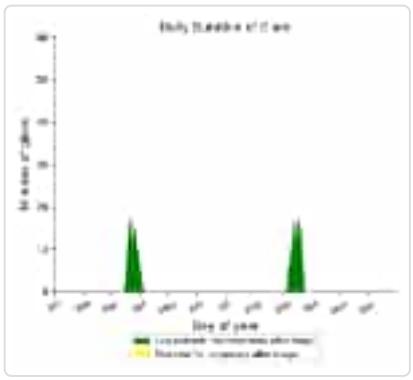


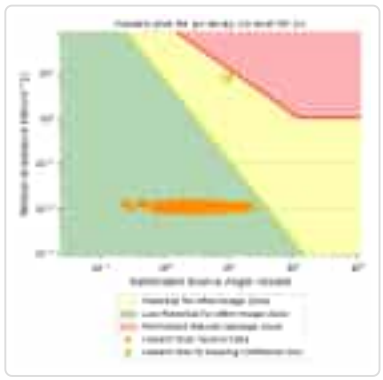
PV array 10: OP 24

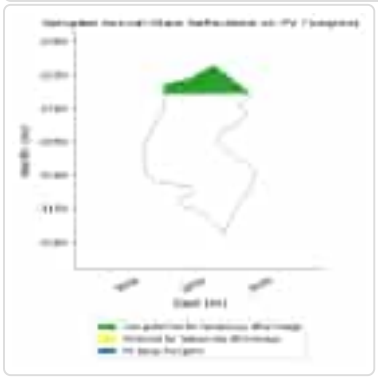
PV array is expected to produce the following glare for this receptor:

- 427 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





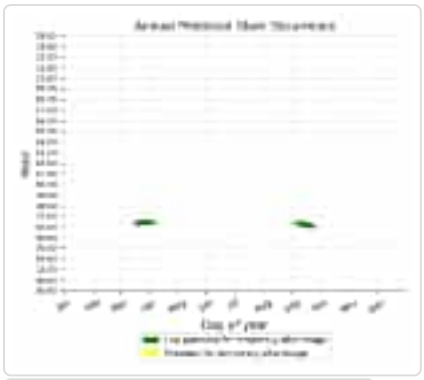


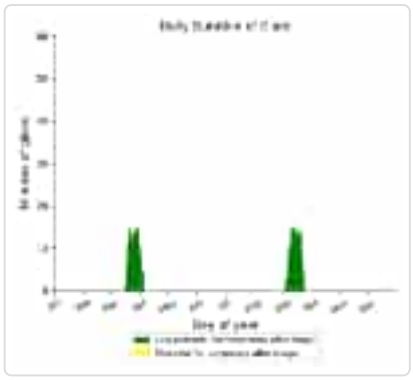


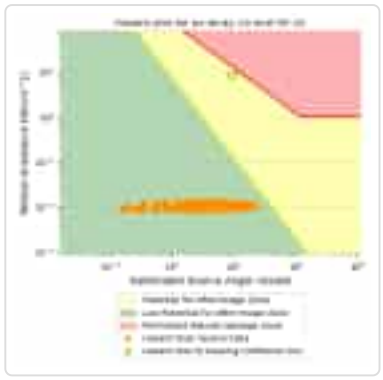
PV array 10: OP 25

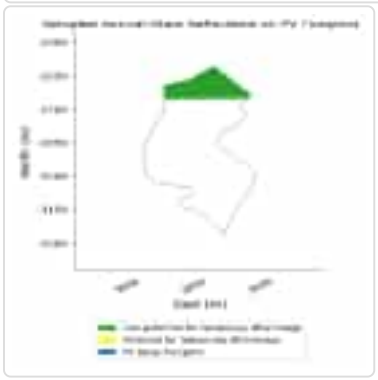
PV array is expected to produce the following glare for this receptor:

- 454 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





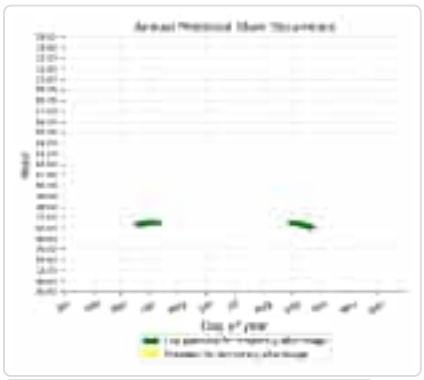


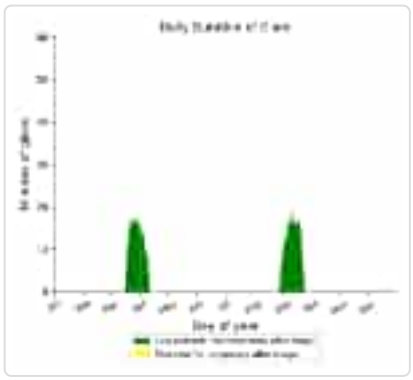


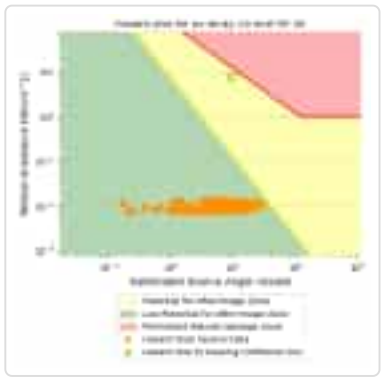
PV array 10: OP 26

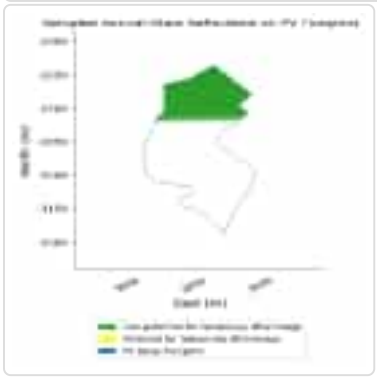
PV array is expected to produce the following glare for this receptor:

- 694 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





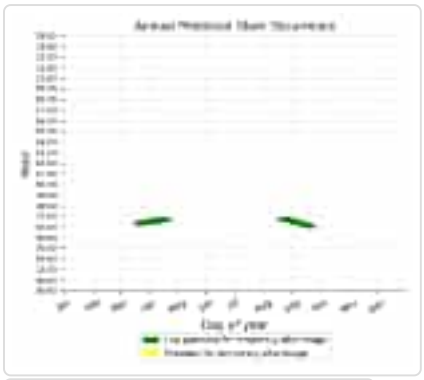


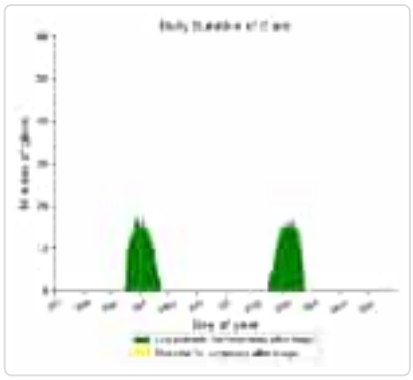


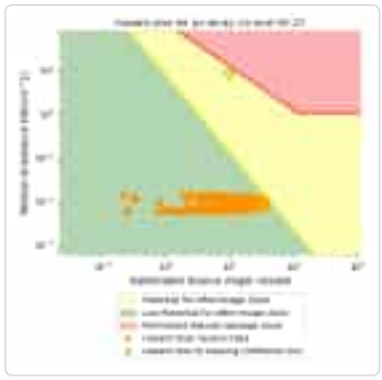
PV array 10: OP 27

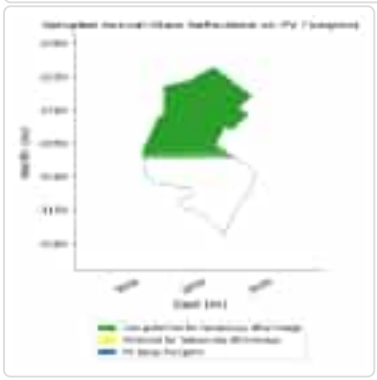
PV array is expected to produce the following glare for this receptor:

- 908 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





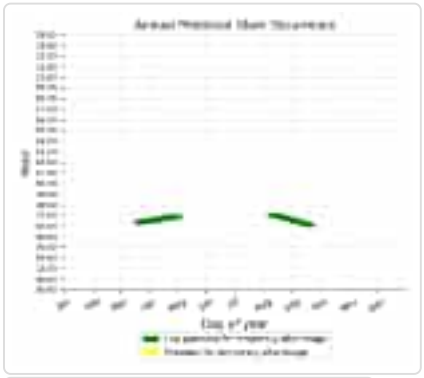


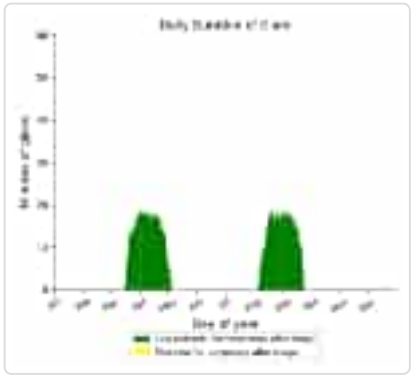


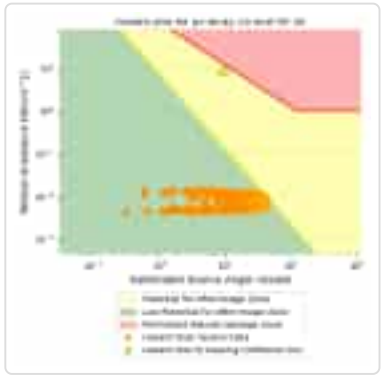
PV array 10: OP 28

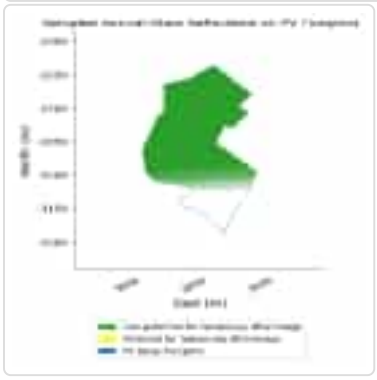
PV array is expected to produce the following glare for this receptor:

- 1,430 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









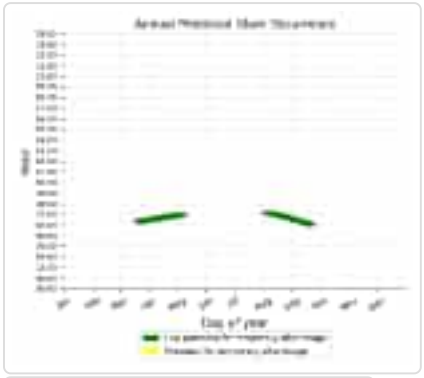
PV array 10: OP 29

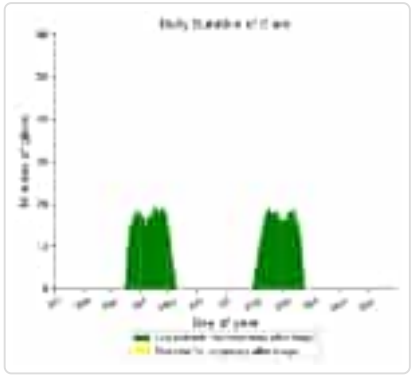
No glare found

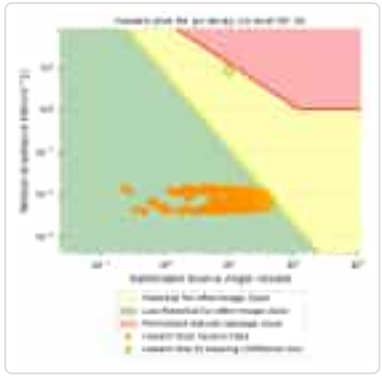
PV array 10: OP 30

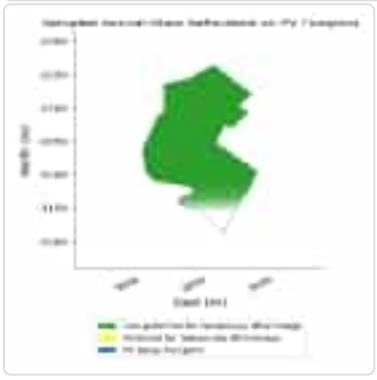
PV array is expected to produce the following glare for this receptor:

- 1,659 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





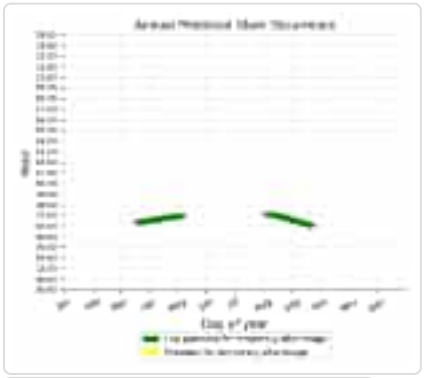


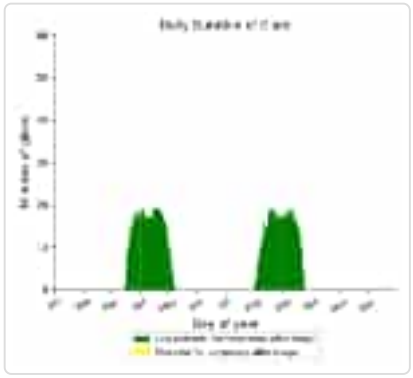


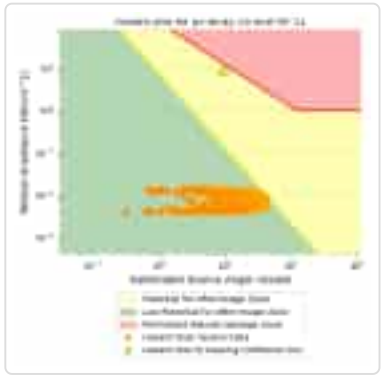
PV array 10: OP 31

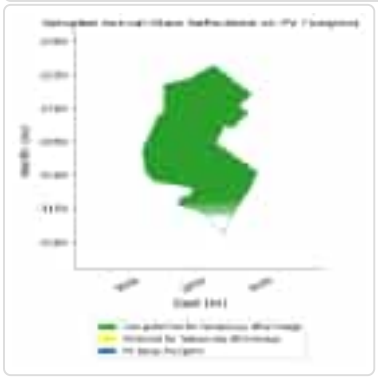
PV array is expected to produce the following glare for this receptor:

- 1,592 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





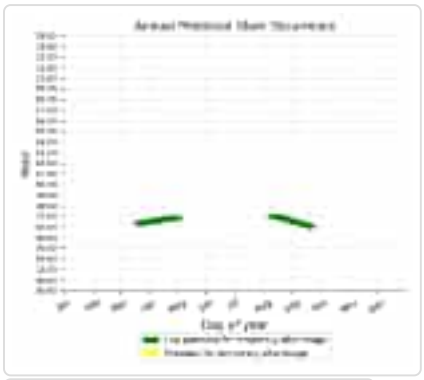


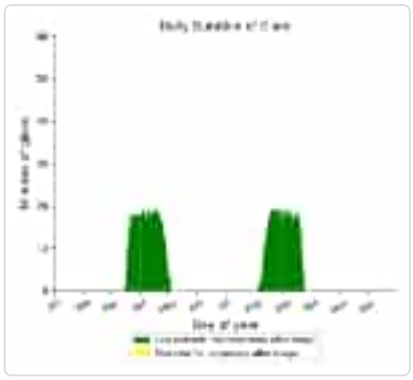


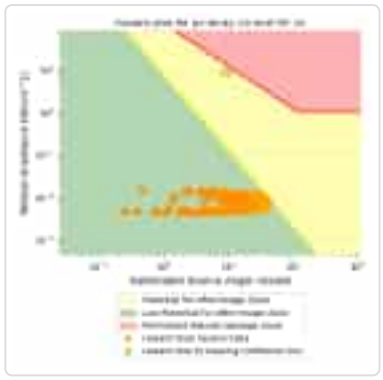
PV array 10: OP 32

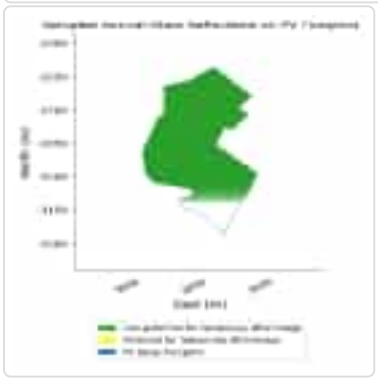
PV array is expected to produce the following glare for this receptor:

- 1,520 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





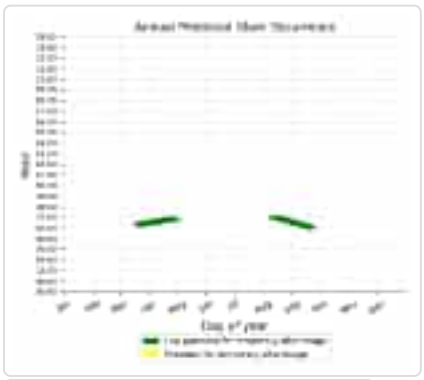


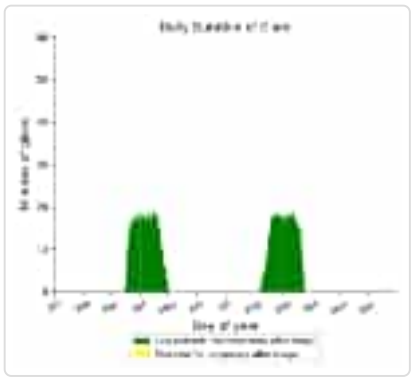


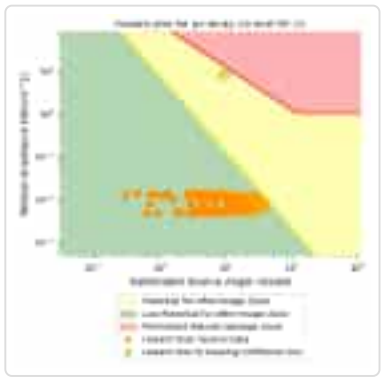
PV array 10: OP 33

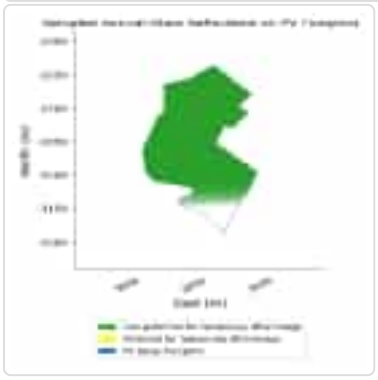
PV array is expected to produce the following glare for this receptor:

- 1,363 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





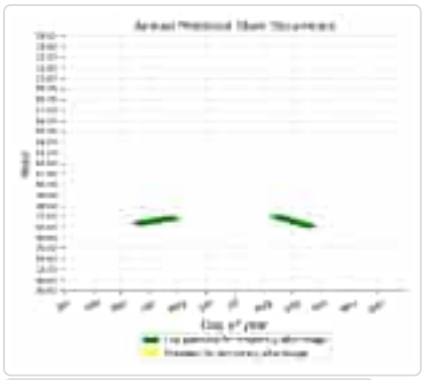


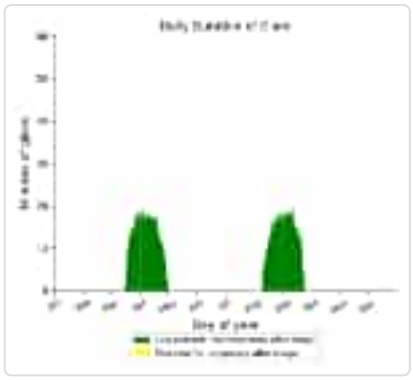


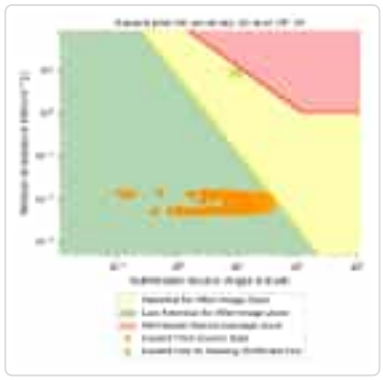
PV array 10: OP 34

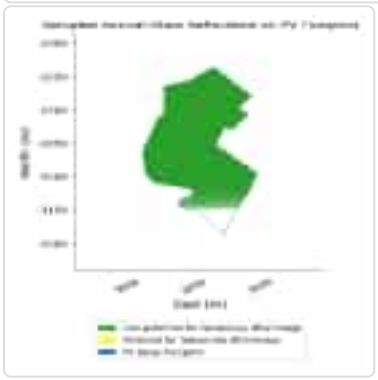
PV array is expected to produce the following glare for this receptor:

- 1,313 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





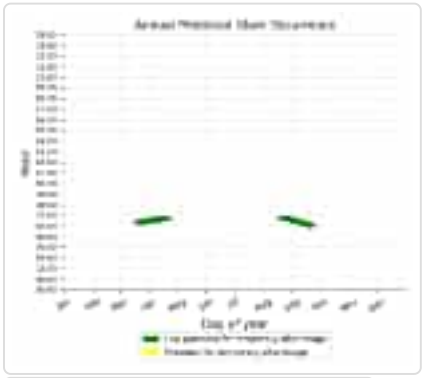


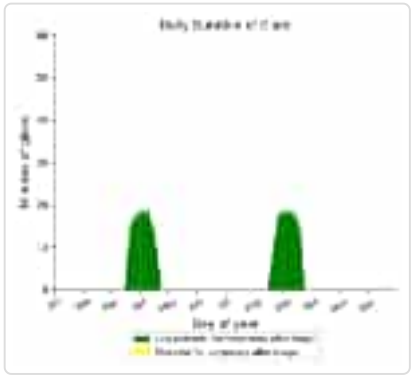


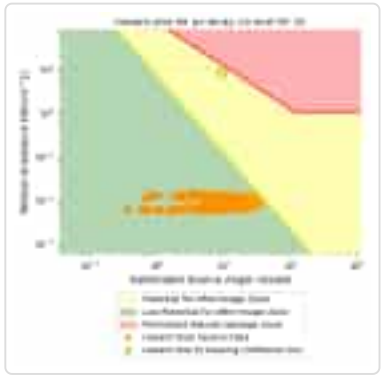
PV array 10: OP 35

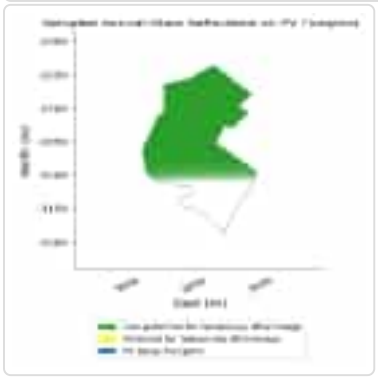
PV array is expected to produce the following glare for this receptor:

- 1,113 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





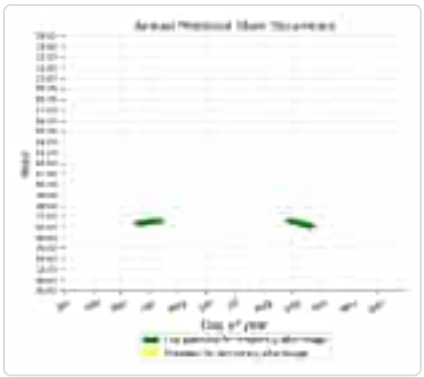


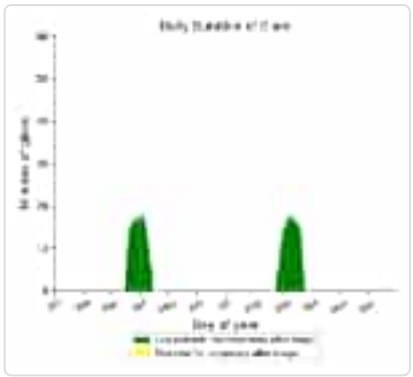


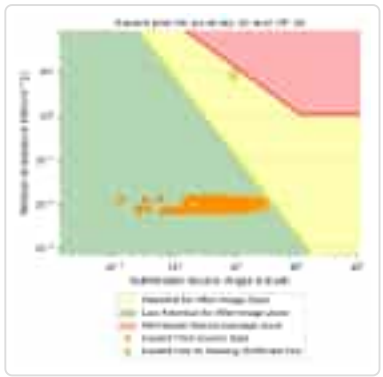
PV array 10: OP 36

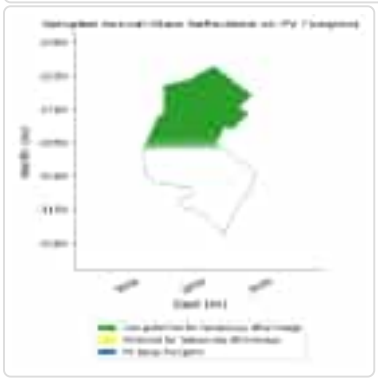
PV array is expected to produce the following glare for this receptor:

- 812 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 37

No glare found

PV array 10: OP 38

No glare found

PV array 10: OP 39

No glare found

PV array 10: OP 40

No glare found

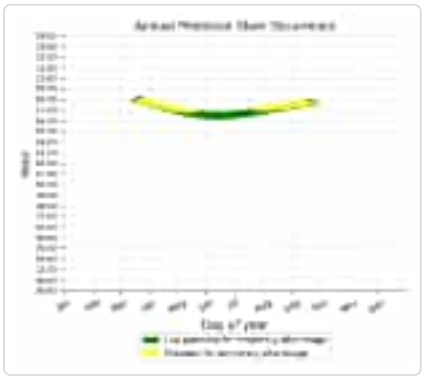
PV array 10: OP 41

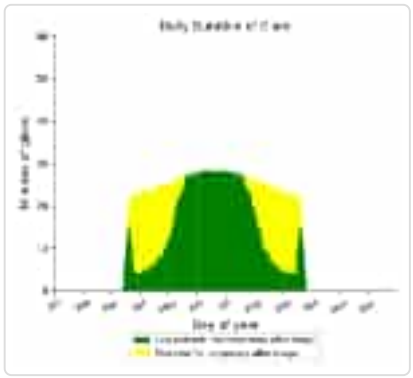
No glare found

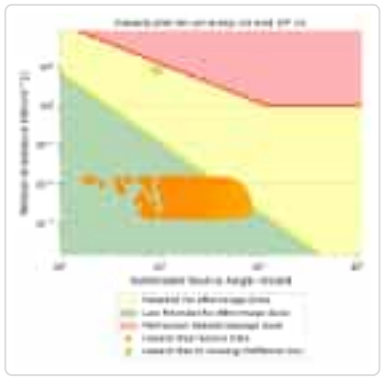
PV array 10: OP 42

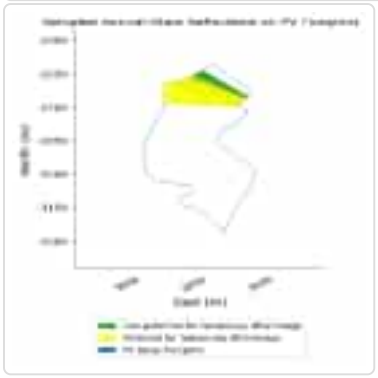
PV array is expected to produce the following glare for this receptor:

- 3,178 minutes of "green" glare with low potential to cause temporary after-image.
- 1,671 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 43

No glare found

PV array 10: OP 44

No glare found

PV array 10: OP 45

No glare found

PV array 10: OP 46

No glare found

PV array 10: OP 47

No glare found

PV array 10: OP 48

No glare found

PV array 10: OP 49

No glare found

PV array 10: OP 50

No glare found

PV array 10: OP 51

No glare found

PV array 10: OP 52

No glare found

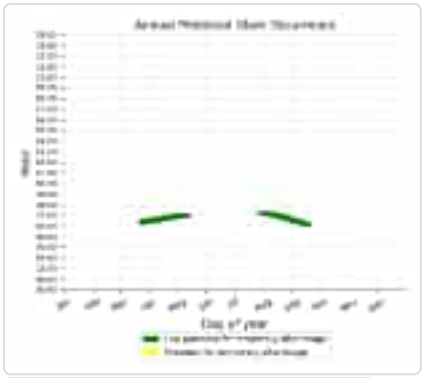
PV array 10: OP 53

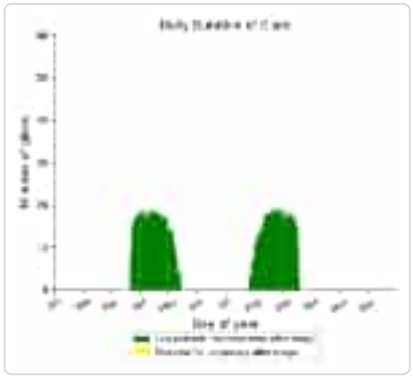
No glare found

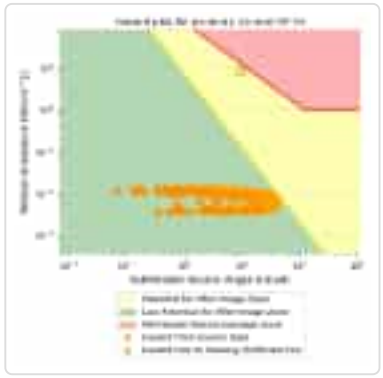
PV array 10: OP 54

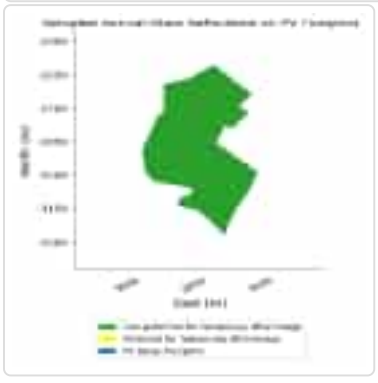
PV array is expected to produce the following glare for this receptor:

- 1,681 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





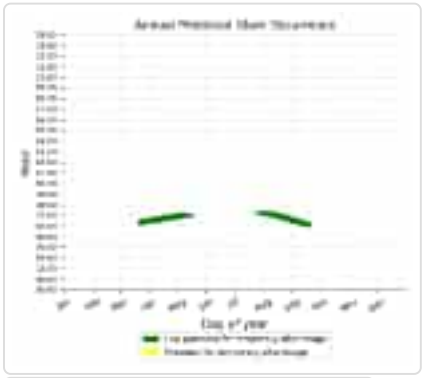


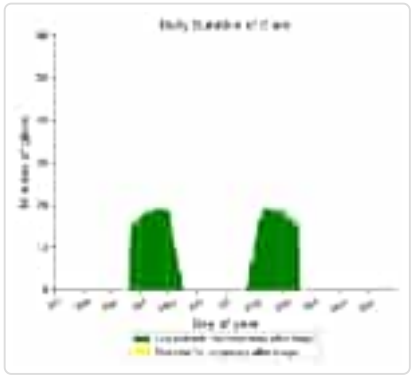


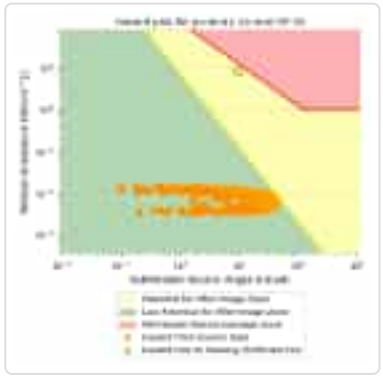
PV array 10: OP 55

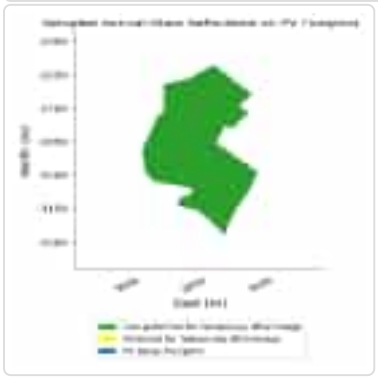
PV array is expected to produce the following glare for this receptor:

- 1,777 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





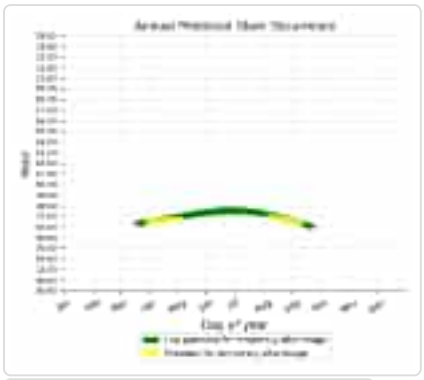


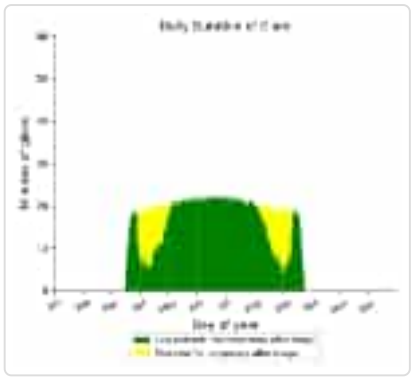


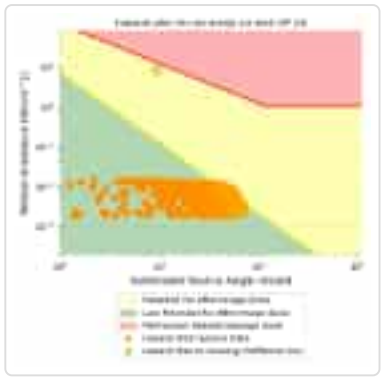
PV array 10: OP 56

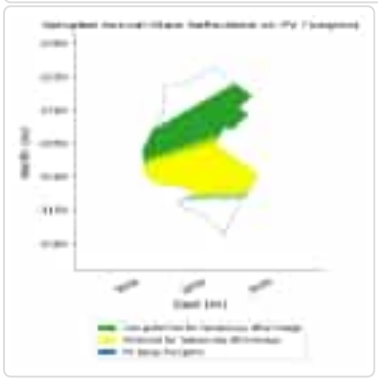
PV array is expected to produce the following glare for this receptor:

- 3,108 minutes of "green" glare with low potential to cause temporary after-image.
- 683 minutes of "yellow" glare with potential to cause temporary after-image.





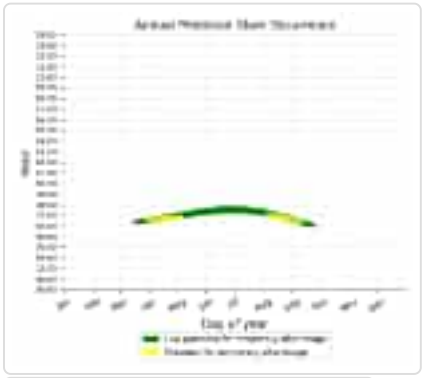


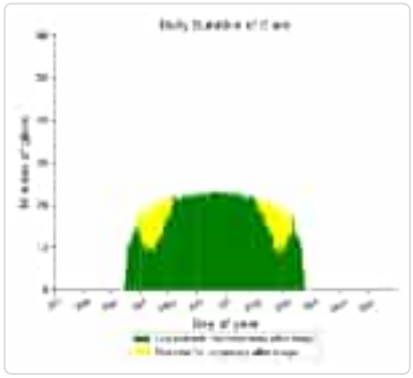


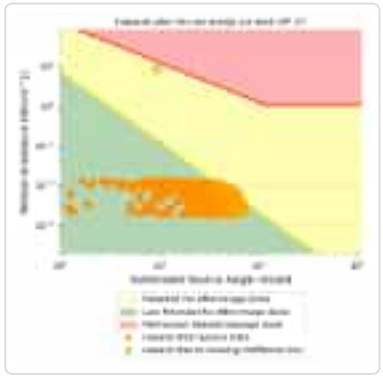
PV array 10: OP 57

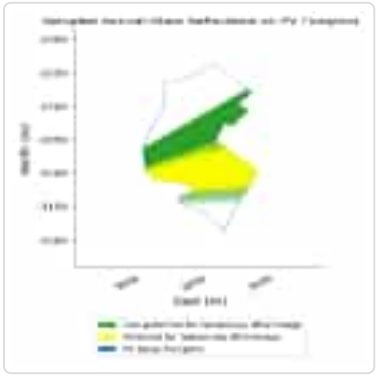
PV array is expected to produce the following glare for this receptor:

- 3,281 minutes of "green" glare with low potential to cause temporary after-image.
- 516 minutes of "yellow" glare with potential to cause temporary after-image.





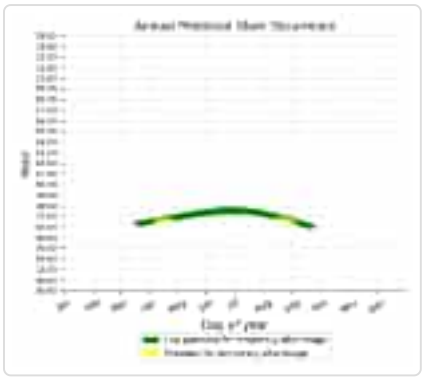


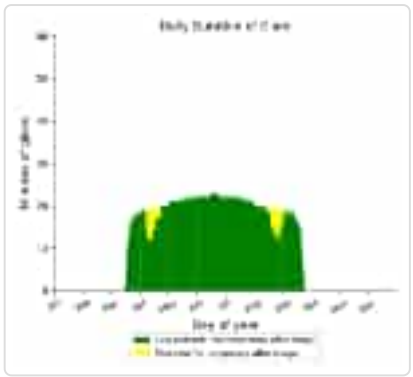


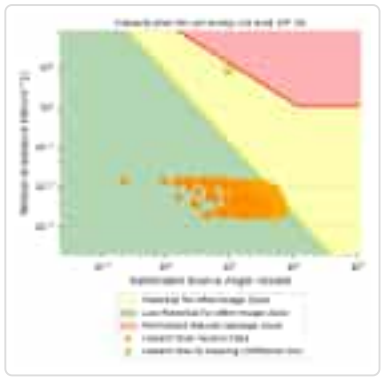
PV array 10: OP 58

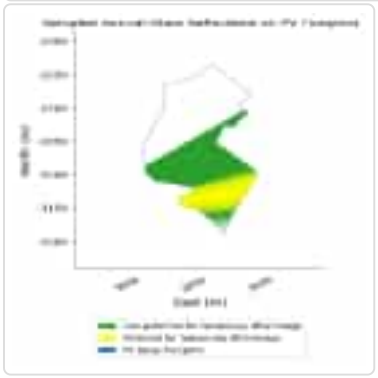
PV array is expected to produce the following glare for this receptor:

- 3,637 minutes of "green" glare with low potential to cause temporary after-image.
- 158 minutes of "yellow" glare with potential to cause temporary after-image.





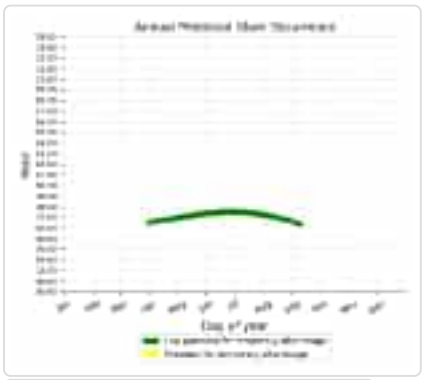


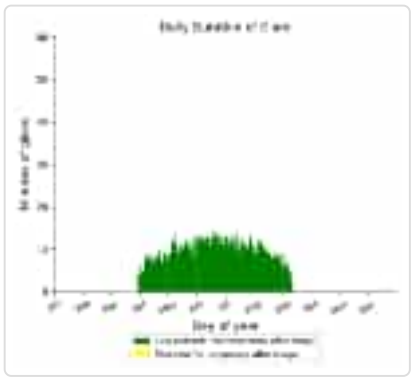


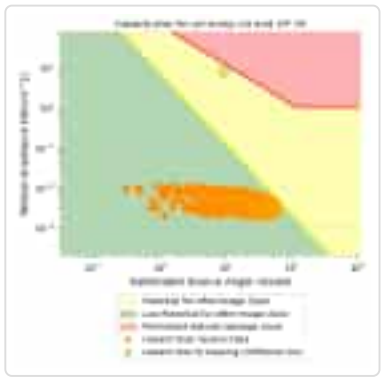
PV array 10: OP 59

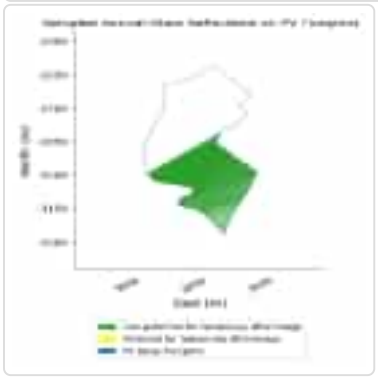
PV array is expected to produce the following glare for this receptor:

- 1,675 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





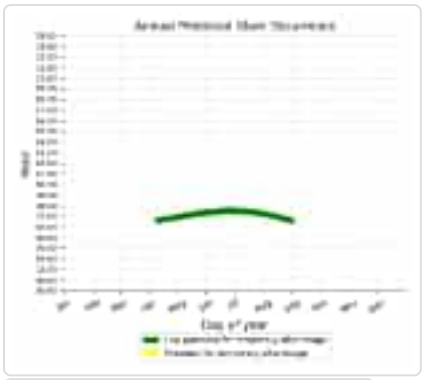


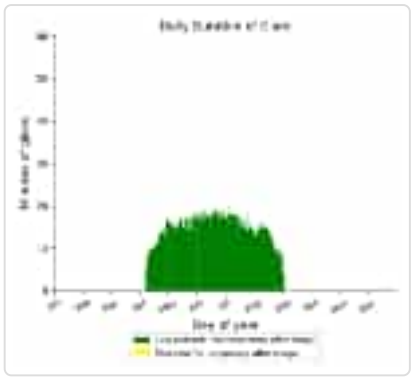


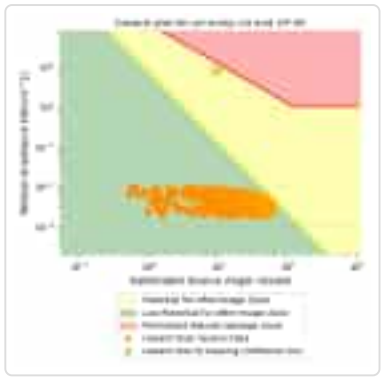
PV array 10: OP 60

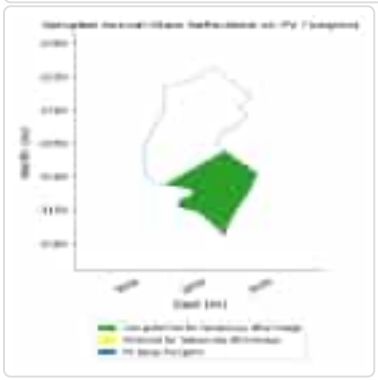
PV array is expected to produce the following glare for this receptor:

- 2,221 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





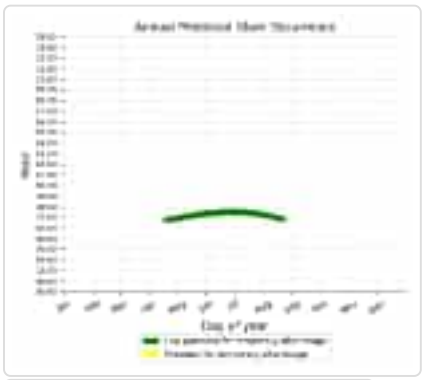


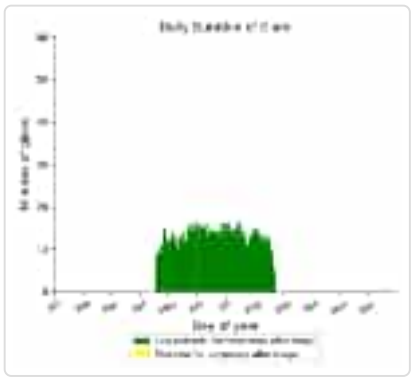


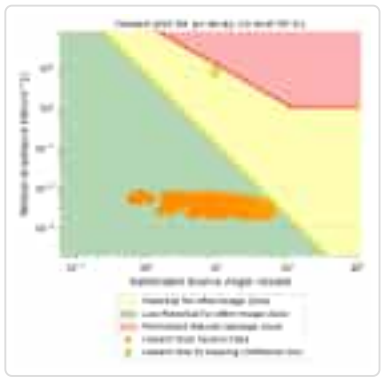
PV array 10: OP 61

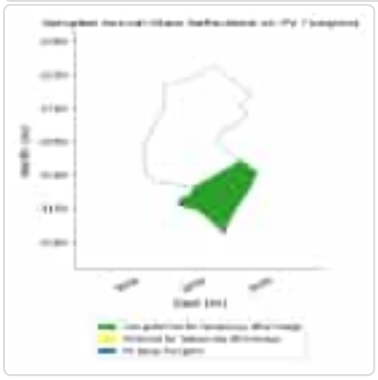
PV array is expected to produce the following glare for this receptor:

- 1,727 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





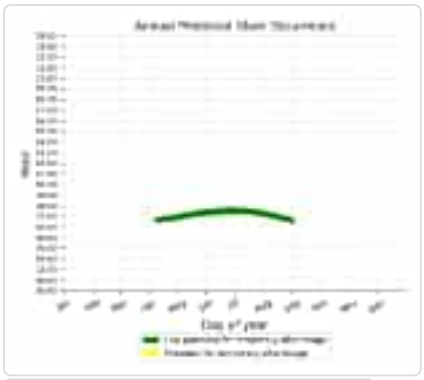


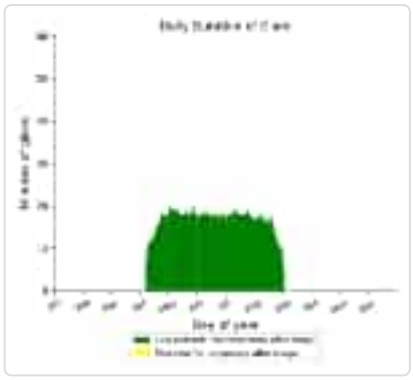


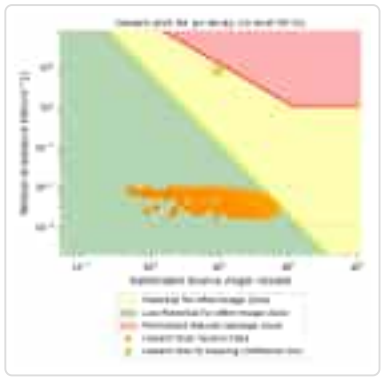
PV array 10: OP 62

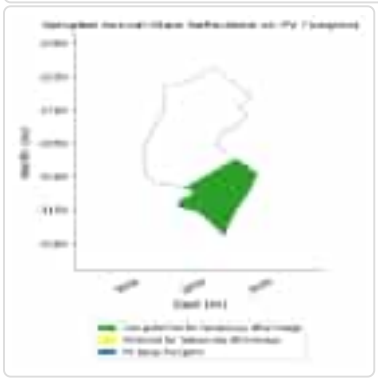
PV array is expected to produce the following glare for this receptor:

- 2,486 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





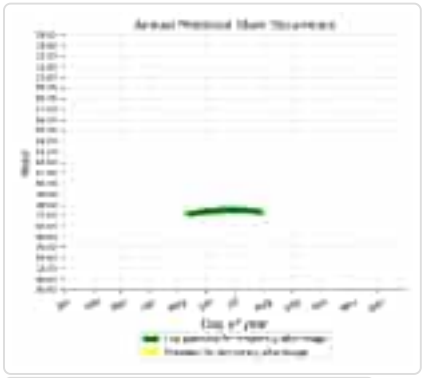


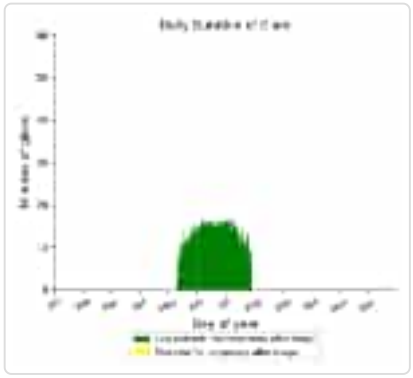


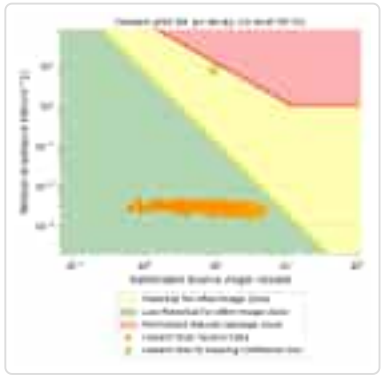
PV array 10: OP 63

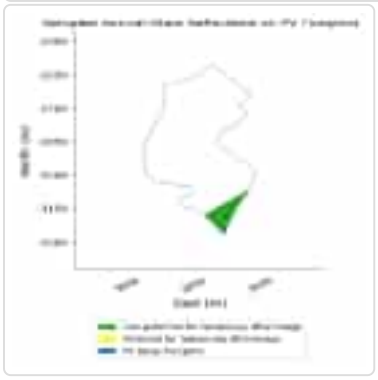
PV array is expected to produce the following glare for this receptor:

- 1,095 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





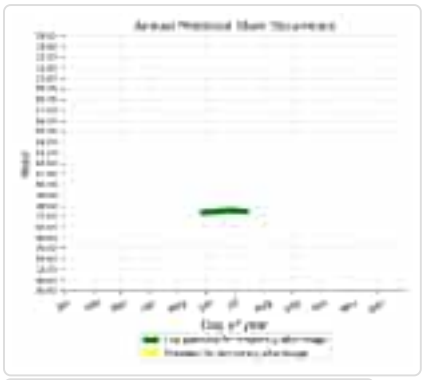


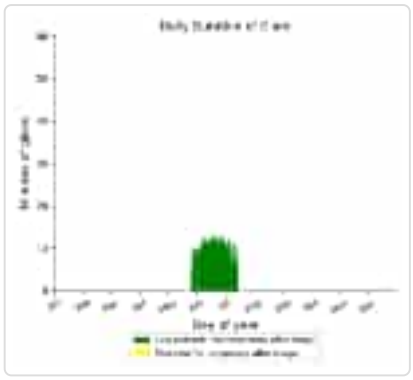


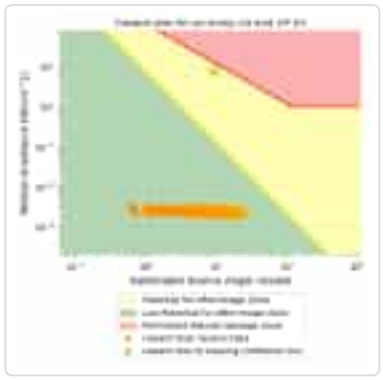
PV array 10: OP 64

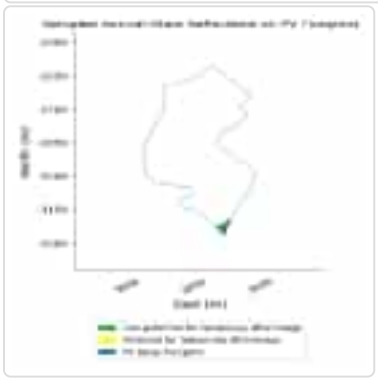
PV array is expected to produce the following glare for this receptor:

- 542 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 65

No glare found

PV array 10: OP 66

No glare found

PV array 10: OP 67

No glare found

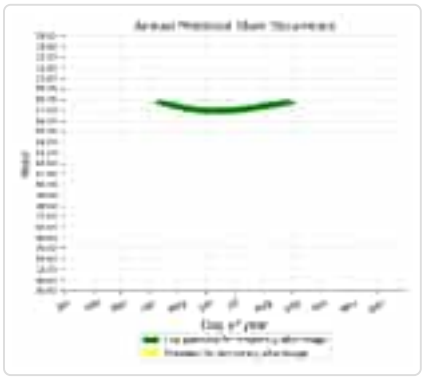
PV array 10: OP 68

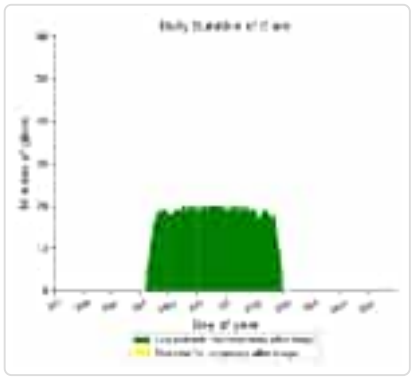
No glare found

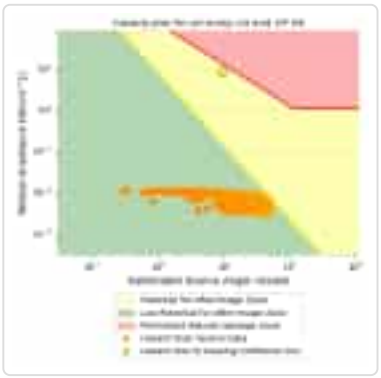
PV array 10: OP 69

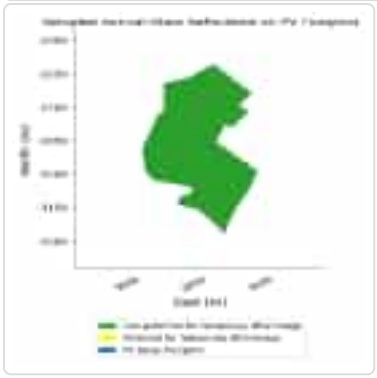
PV array is expected to produce the following glare for this receptor:

- 2,639 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





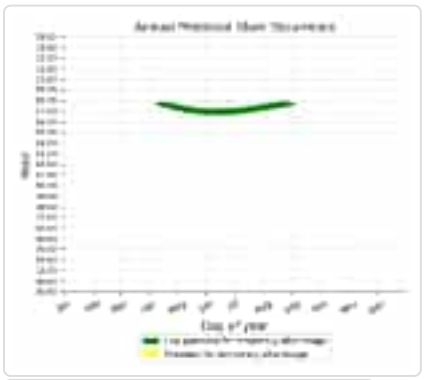
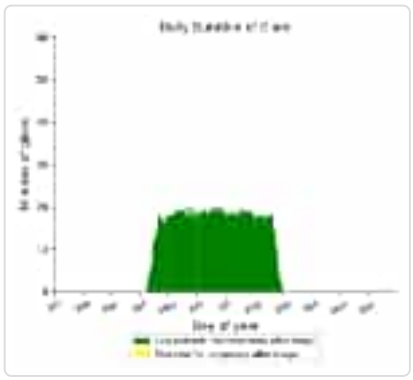
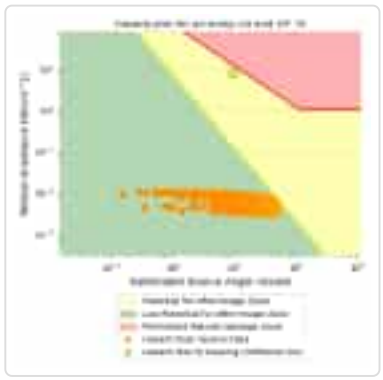
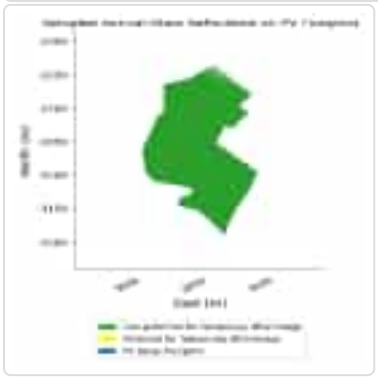




PV array 10: OP 70

PV array is expected to produce the following glare for this receptor:

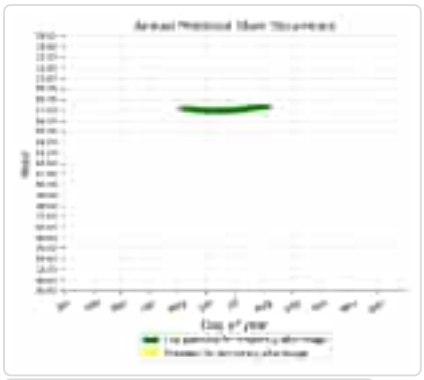
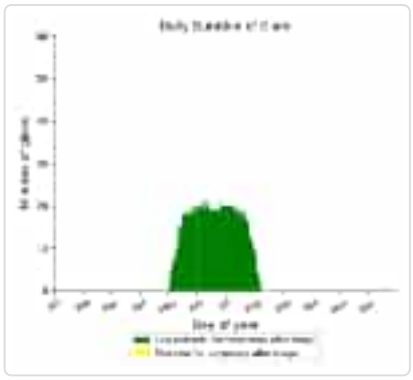
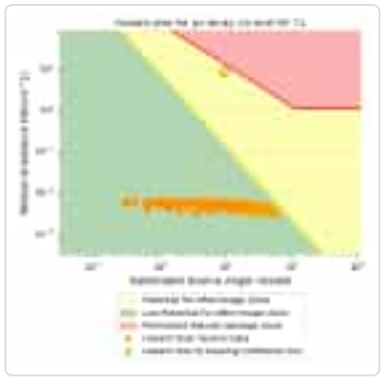
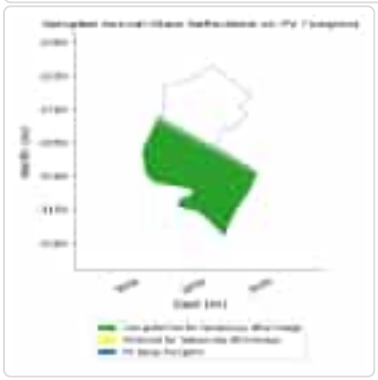
- 2,468 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 10: OP 71

PV array is expected to produce the following glare for this receptor:

- 1,606 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 10: OP 72

No glare found

PV array 10: OP 73

No glare found

PV array 10: OP 74

No glare found

PV array 10: OP 75

No glare found

PV array 10: OP 76

No glare found

PV array 10: OP 77

No glare found

PV array 10: OP 78

No glare found

PV array 10: OP 79

No glare found

PV array 10: OP 80

No glare found

PV array 11 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0

OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	252	0
OP: OP 28	550	0
OP: OP 29	0	0
OP: OP 30	749	0
OP: OP 31	598	0
OP: OP 32	440	0
OP: OP 33	360	0
OP: OP 34	528	0
OP: OP 35	303	0
OP: OP 36	73	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	888	0
OP: OP 55	846	0
OP: OP 56	1934	0
OP: OP 57	2547	0
OP: OP 58	2906	60
OP: OP 59	2797	306
OP: OP 60	2802	414
OP: OP 61	2671	576
OP: OP 62	2501	548
OP: OP 63	2891	307
OP: OP 64	2988	106
OP: OP 65	2099	190
OP: OP 66	607	5
OP: OP 67	2416	350
OP: OP 68	2739	1185
OP: OP 69	2016	276
OP: OP 70	2247	299
OP: OP 71	2502	579
OP: OP 72	2863	328
OP: OP 73	2990	131
OP: OP 74	3086	51
OP: OP 75	3276	658
OP: OP 76	3781	403
OP: OP 77	2494	25

OP: OP 78	2749	350
OP: OP 79	2478	309
OP: OP 80	2213	251

PV array 11: OP 1

No glare found

PV array 11: OP 2

No glare found

PV array 11: OP 3

No glare found

PV array 11: OP 4

No glare found

PV array 11: OP 5

No glare found

PV array 11: OP 6

No glare found

PV array 11: OP 7

No glare found

PV array 11: OP 8

No glare found

PV array 11: OP 9

No glare found

PV array 11: OP 10

No glare found

PV array 11: OP 11

No glare found

PV array 11: OP 12

No glare found

PV array 11: OP 13

No glare found

PV array 11: OP 14

No glare found

PV array 11: OP 15

No glare found

PV array 11: OP 16

No glare found

PV array 11: OP 17

No glare found

PV array 11: OP 18

No glare found

PV array 11: OP 19

No glare found

PV array 11: OP 20

No glare found

PV array 11: OP 21

No glare found

PV array 11: OP 22

No glare found

PV array 11: OP 23

No glare found

PV array 11: OP 24

No glare found

PV array 11: OP 25

No glare found

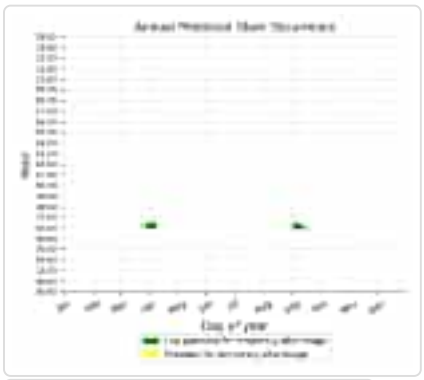
PV array 11: OP 26

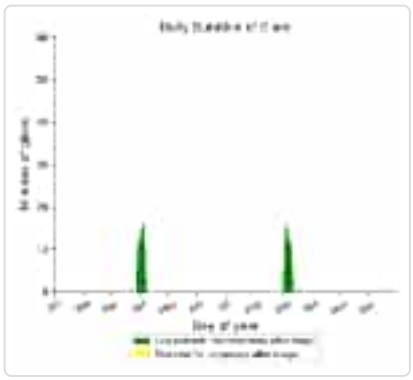
No glare found

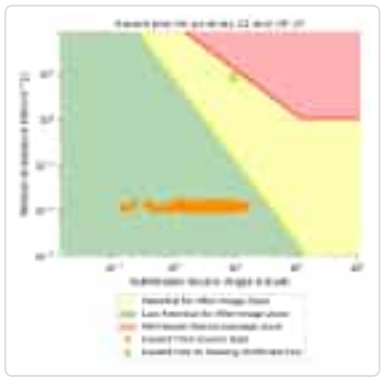
PV array 11: OP 27

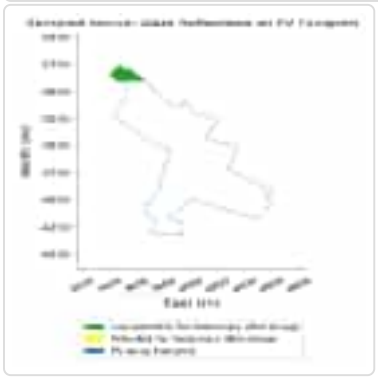
PV array is expected to produce the following glare for this receptor:

- 252 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





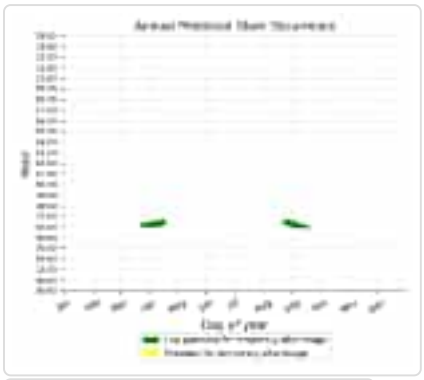


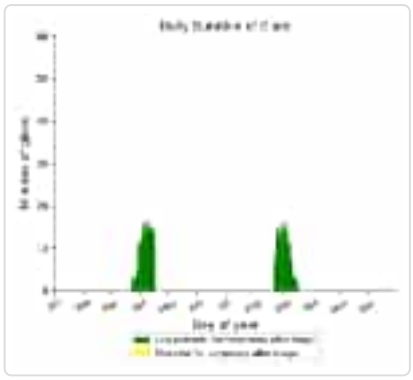


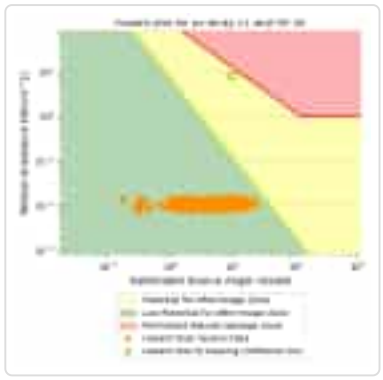
PV array 11: OP 28

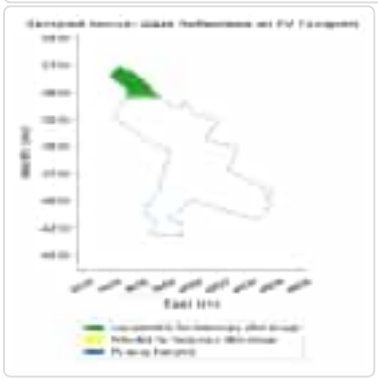
PV array is expected to produce the following glare for this receptor:

- 550 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









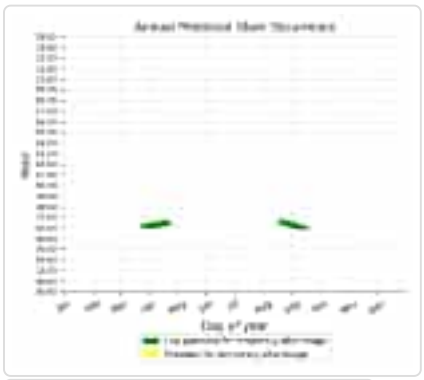
PV array 11: OP 29

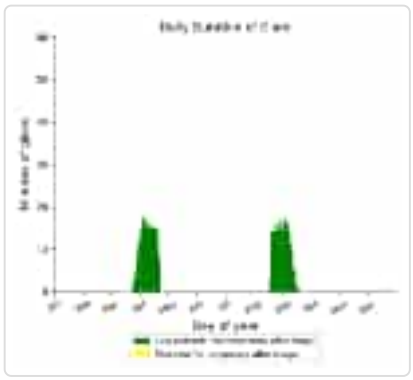
No glare found

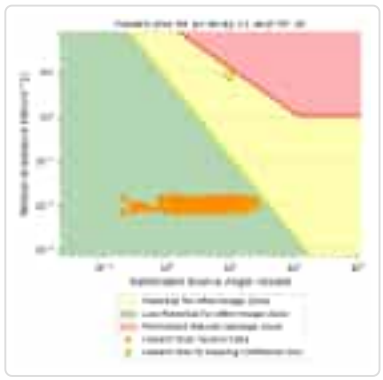
PV array 11: OP 30

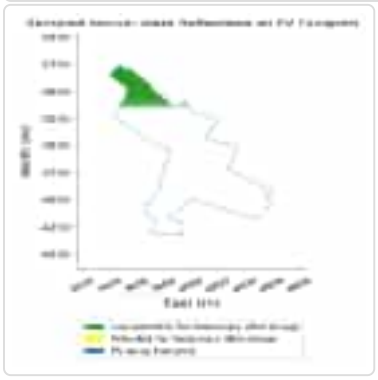
PV array is expected to produce the following glare for this receptor:

- 749 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





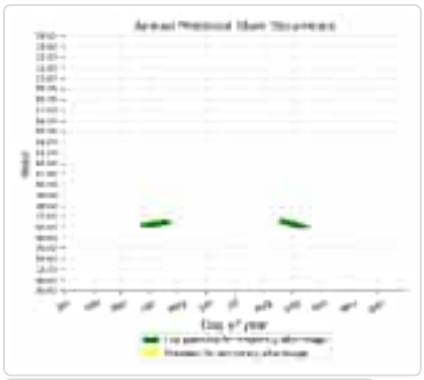


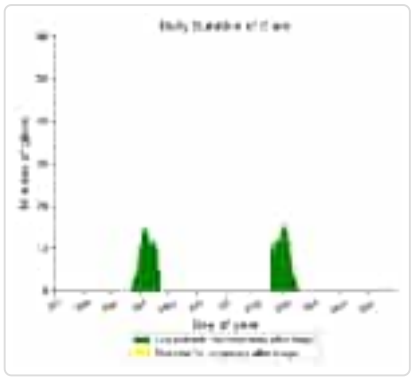


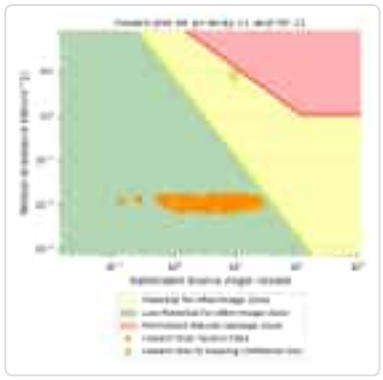
PV array 11: OP 31

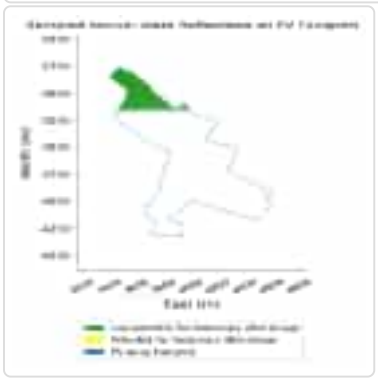
PV array is expected to produce the following glare for this receptor:

- 598 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





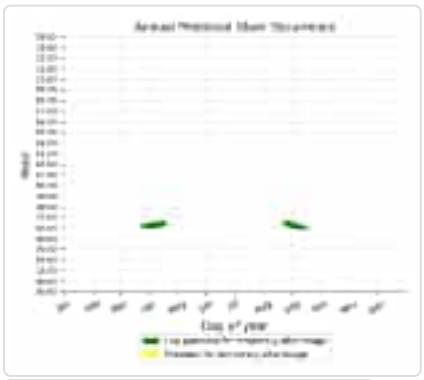


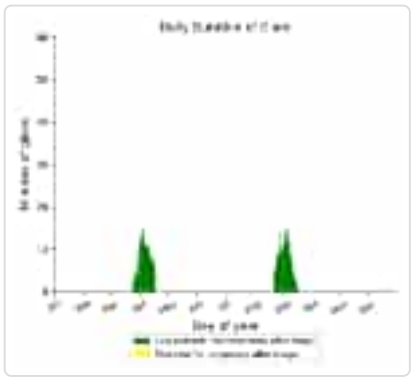


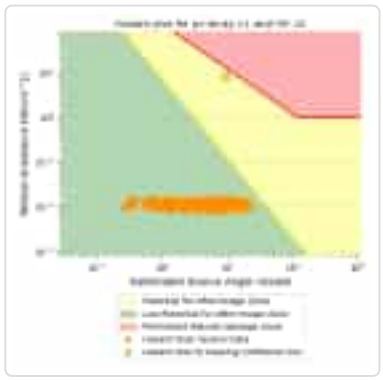
PV array 11: OP 32

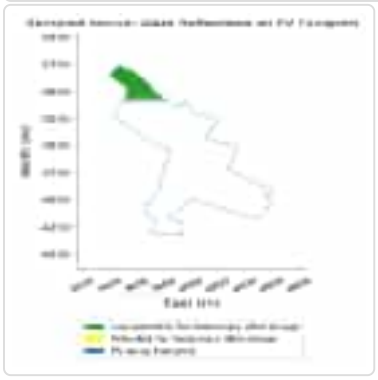
PV array is expected to produce the following glare for this receptor:

- 440 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





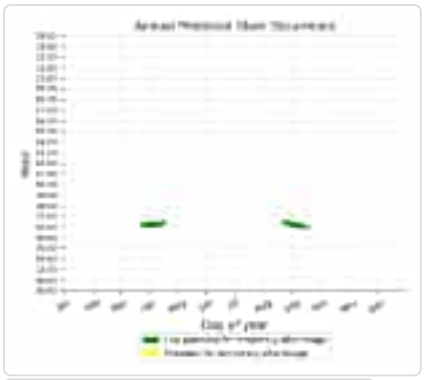


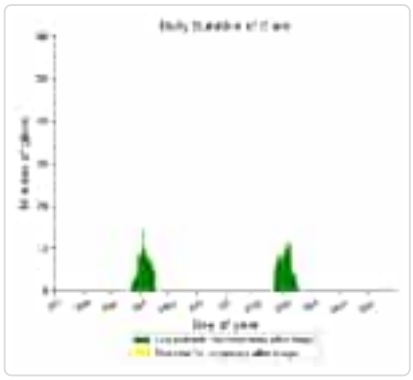


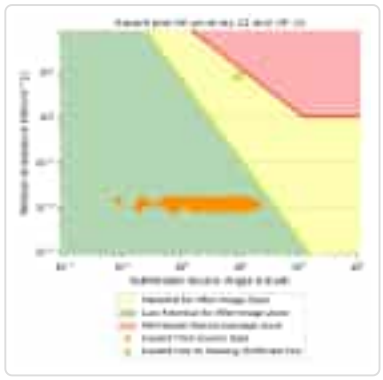
PV array 11: OP 33

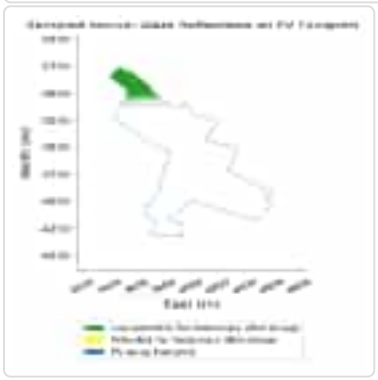
PV array is expected to produce the following glare for this receptor:

- 360 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





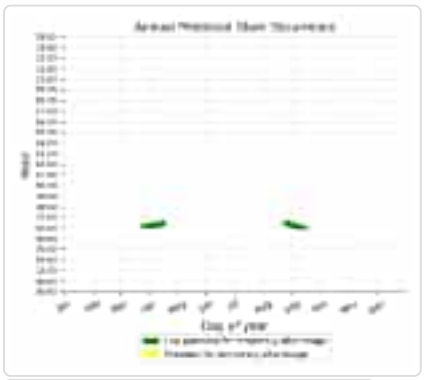


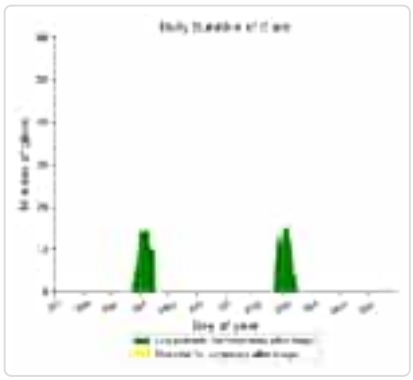


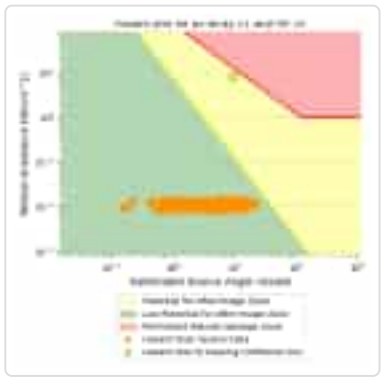
PV array 11: OP 34

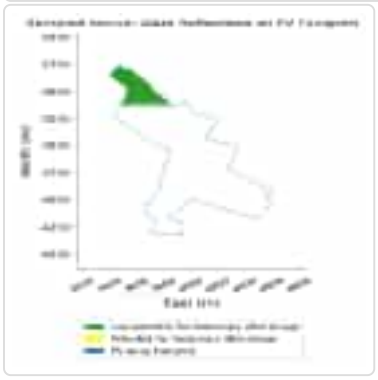
PV array is expected to produce the following glare for this receptor:

- 528 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





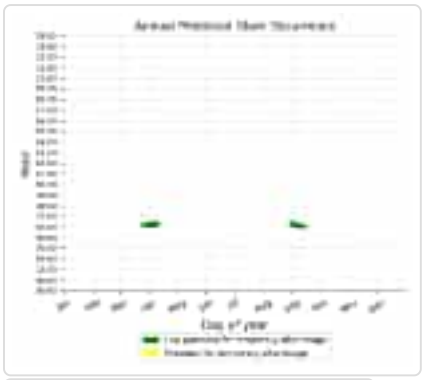


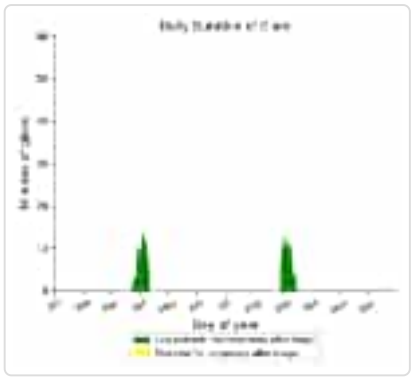


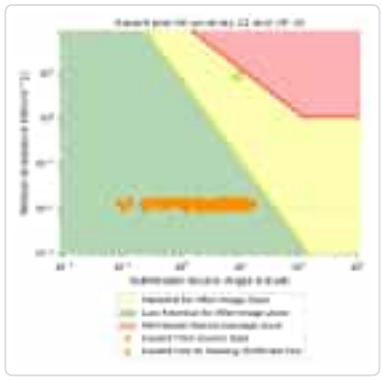
PV array 11: OP 35

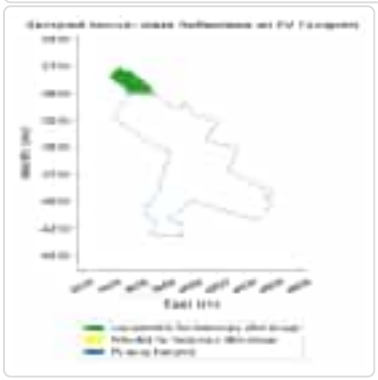
PV array is expected to produce the following glare for this receptor:

- 303 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





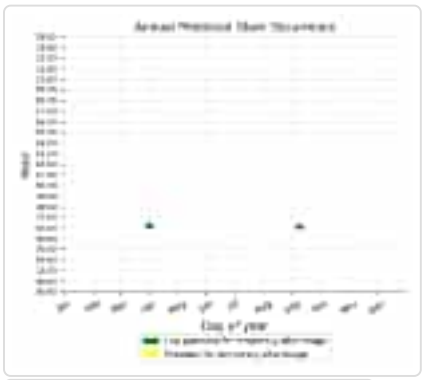


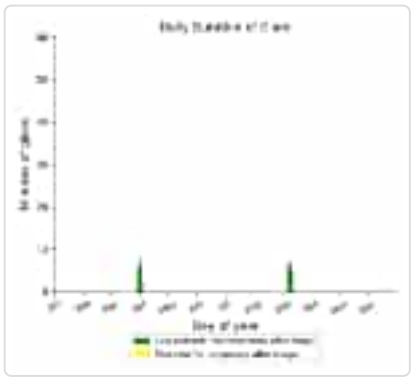


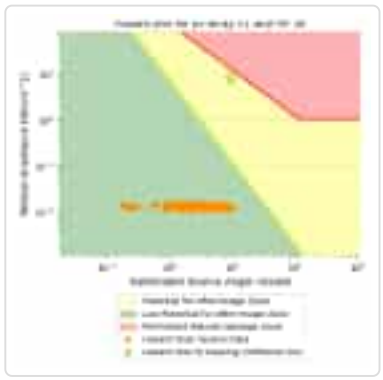
PV array 11: OP 36

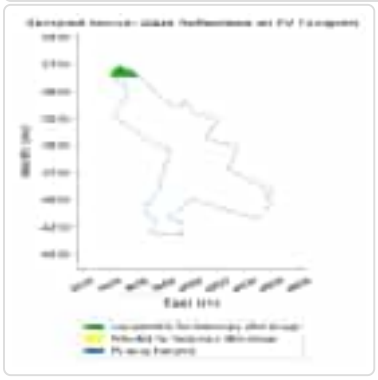
PV array is expected to produce the following glare for this receptor:

- 73 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 37

No glare found

PV array 11: OP 38

No glare found

PV array 11: OP 39

No glare found

PV array 11: OP 40

No glare found

PV array 11: OP 41

No glare found

PV array 11: OP 42

No glare found

PV array 11: OP 43

No glare found

PV array 11: OP 44

No glare found

PV array 11: OP 45

No glare found

PV array 11: OP 46

No glare found

PV array 11: OP 47

No glare found

PV array 11: OP 48

No glare found

PV array 11: OP 49

No glare found

PV array 11: OP 50

No glare found

PV array 11: OP 51

No glare found

PV array 11: OP 52

No glare found

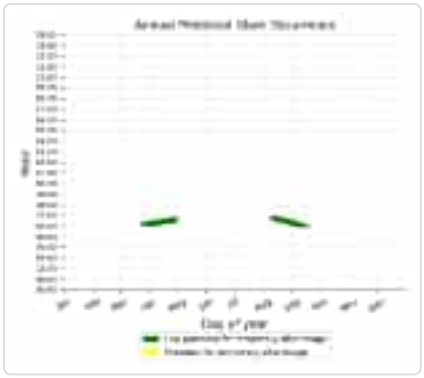
PV array 11: OP 53

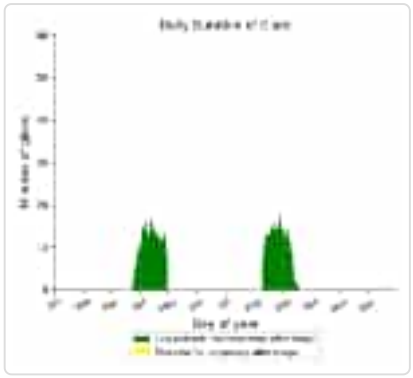
No glare found

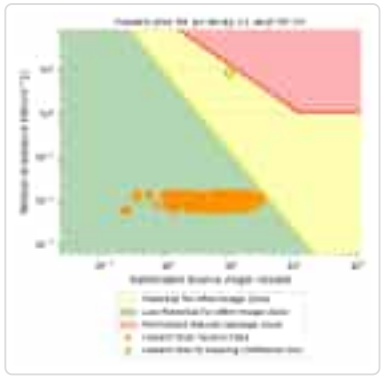
PV array 11: OP 54

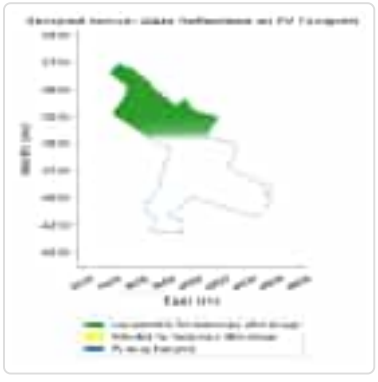
PV array is expected to produce the following glare for this receptor:

- 888 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





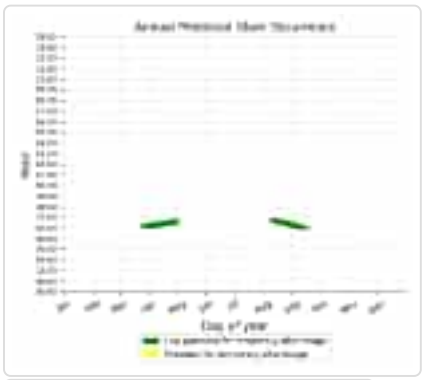


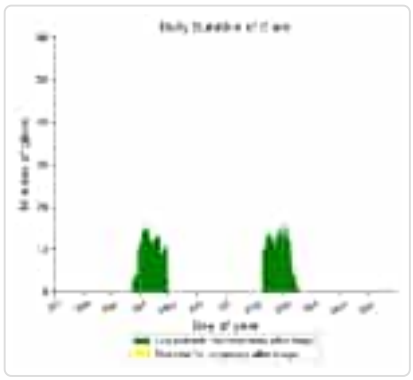


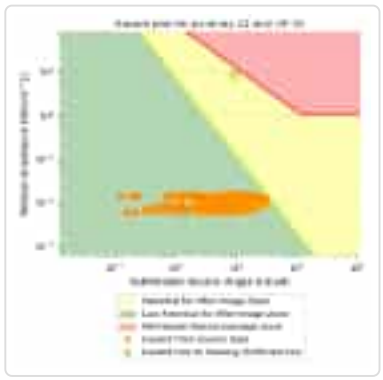
PV array 11: OP 55

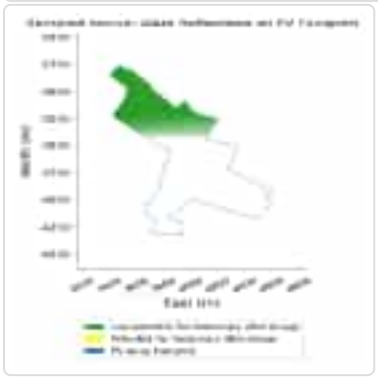
PV array is expected to produce the following glare for this receptor:

- 846 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





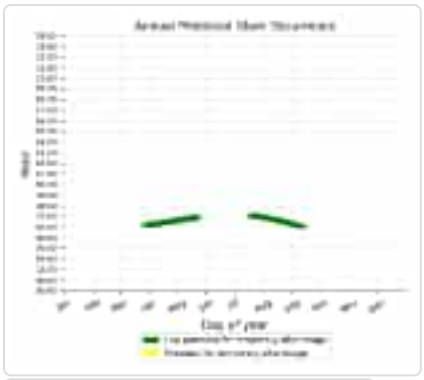


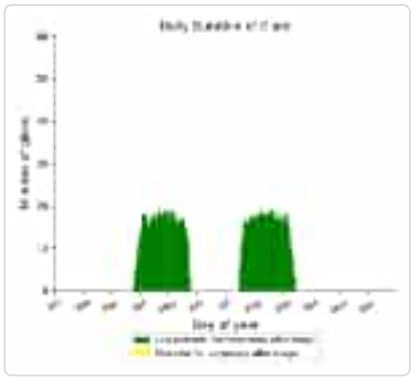


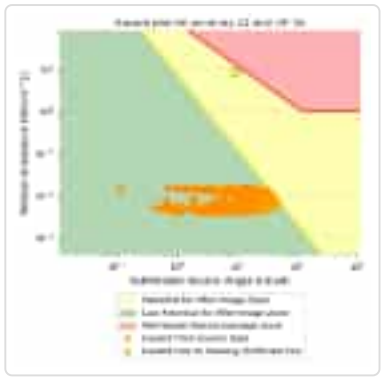
PV array 11: OP 56

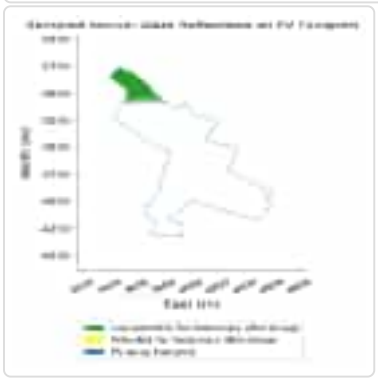
PV array is expected to produce the following glare for this receptor:

- 1,934 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





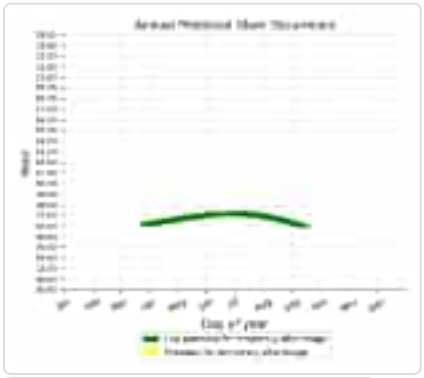


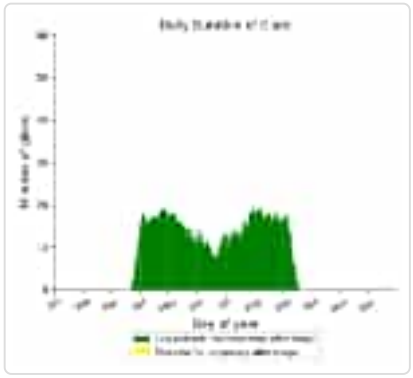


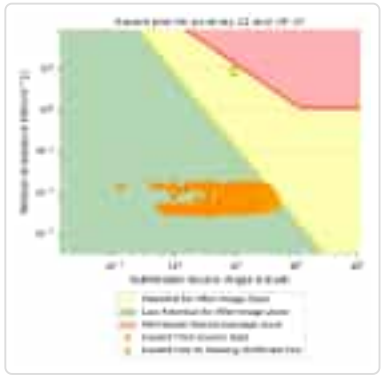
PV array 11: OP 57

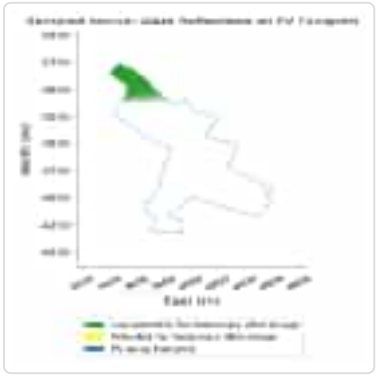
PV array is expected to produce the following glare for this receptor:

- 2,547 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





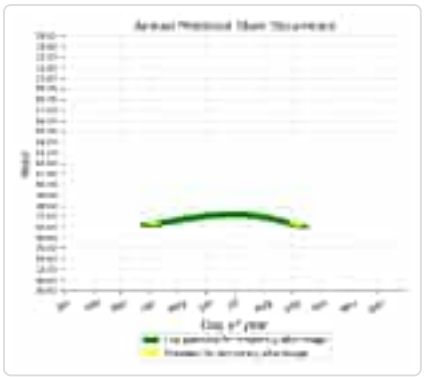


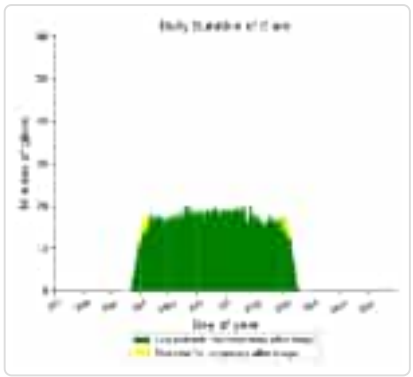


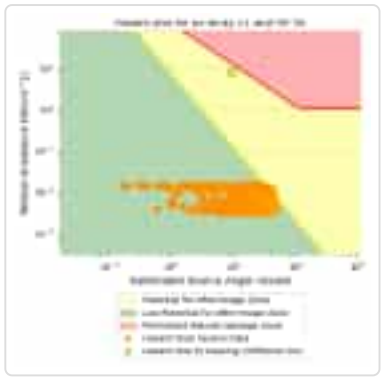
PV array 11: OP 58

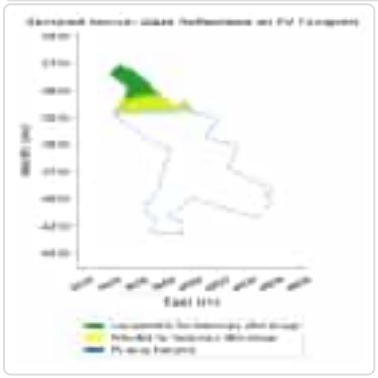
PV array is expected to produce the following glare for this receptor:

- 2,906 minutes of "green" glare with low potential to cause temporary after-image.
- 60 minutes of "yellow" glare with potential to cause temporary after-image.





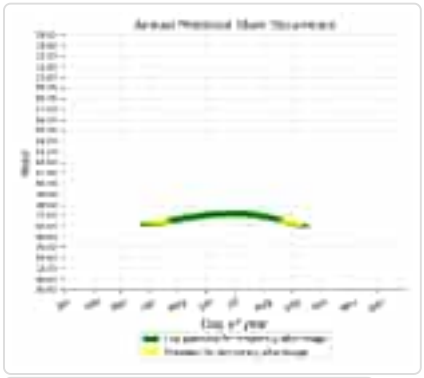


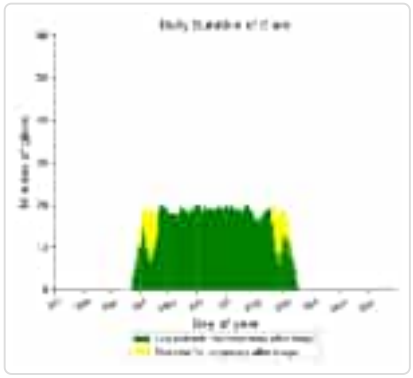


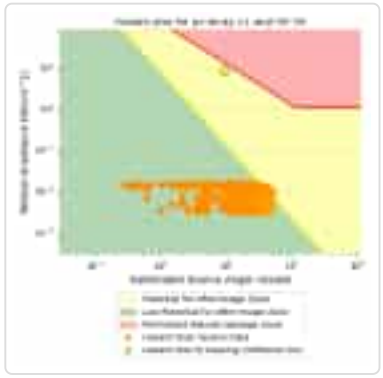
PV array 11: OP 59

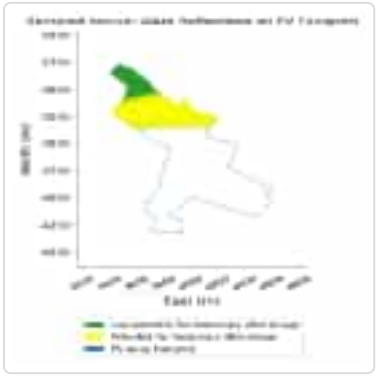
PV array is expected to produce the following glare for this receptor:

- 2,797 minutes of "green" glare with low potential to cause temporary after-image.
- 306 minutes of "yellow" glare with potential to cause temporary after-image.





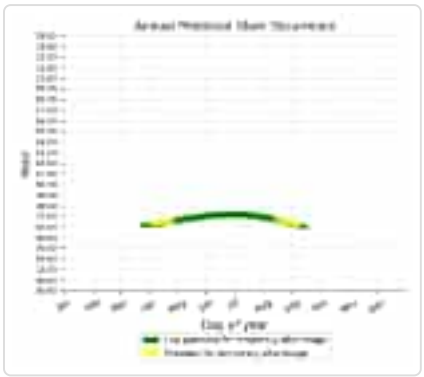


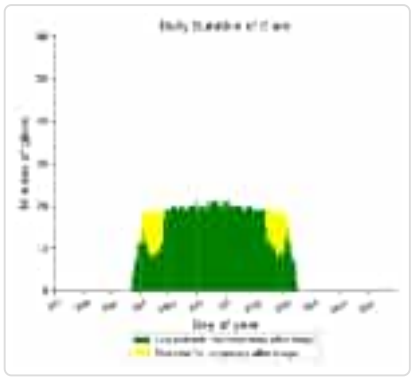


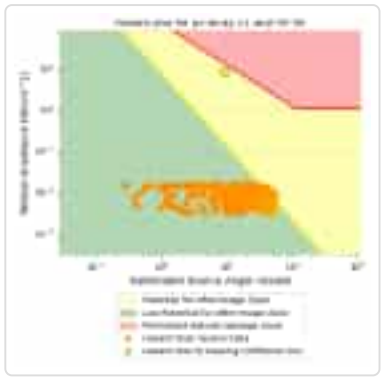
PV array 11: OP 60

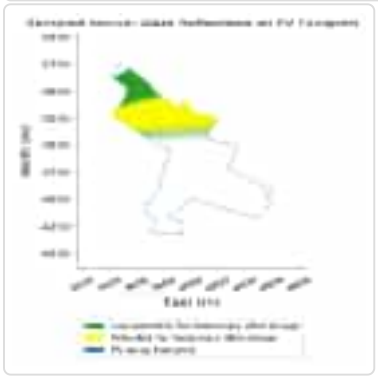
PV array is expected to produce the following glare for this receptor:

- 2,802 minutes of "green" glare with low potential to cause temporary after-image.
- 414 minutes of "yellow" glare with potential to cause temporary after-image.





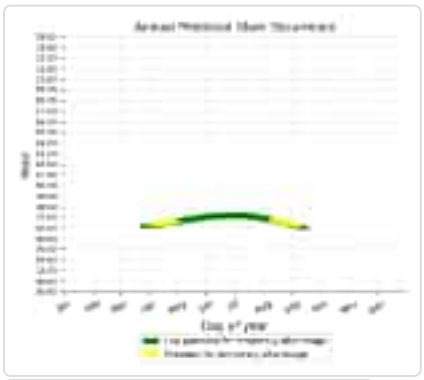


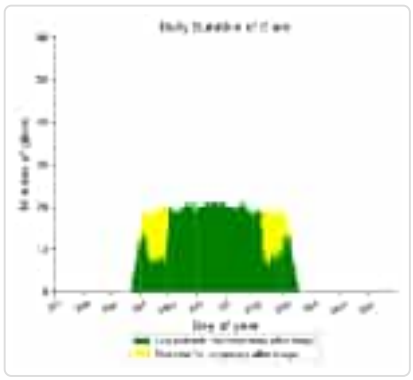


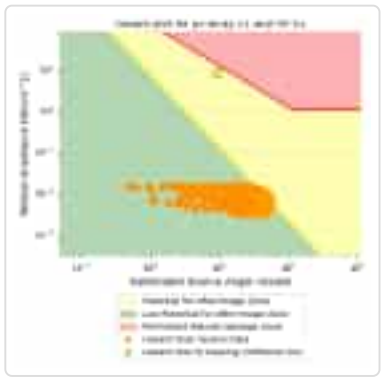
PV array 11: OP 61

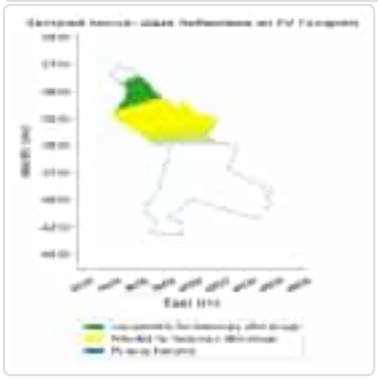
PV array is expected to produce the following glare for this receptor:

- 2,671 minutes of "green" glare with low potential to cause temporary after-image.
- 576 minutes of "yellow" glare with potential to cause temporary after-image.





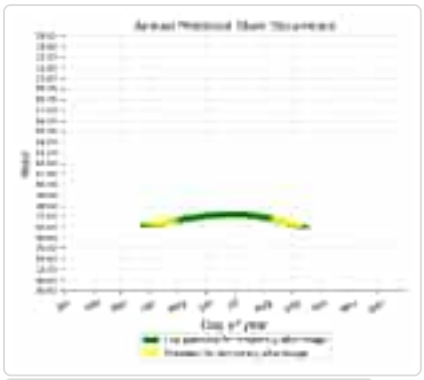


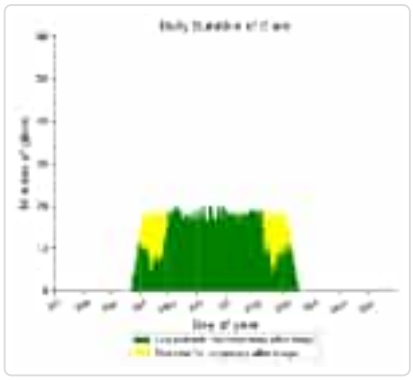


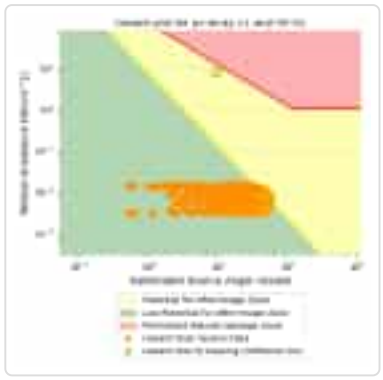
PV array 11: OP 62

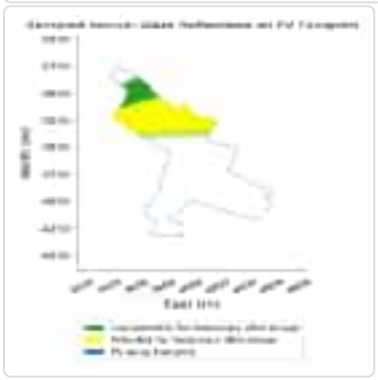
PV array is expected to produce the following glare for this receptor:

- 2,501 minutes of "green" glare with low potential to cause temporary after-image.
- 548 minutes of "yellow" glare with potential to cause temporary after-image.





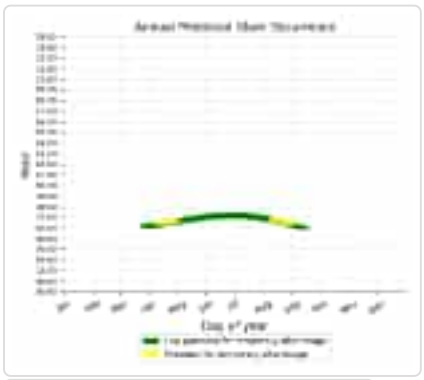


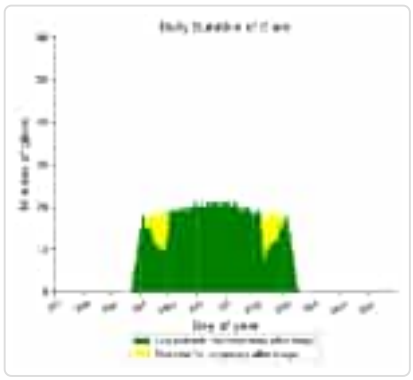


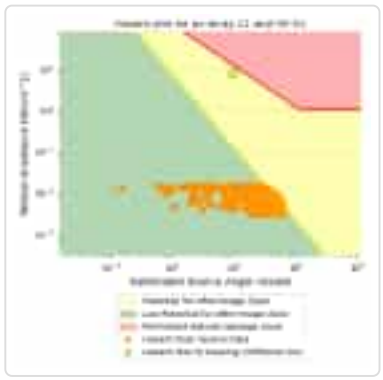
PV array 11: OP 63

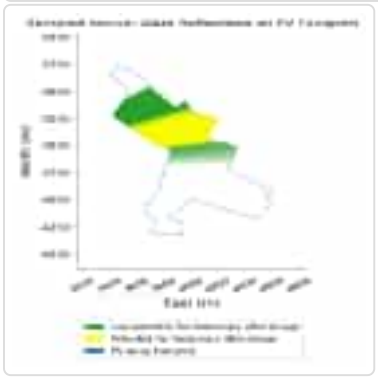
PV array is expected to produce the following glare for this receptor:

- 2,891 minutes of "green" glare with low potential to cause temporary after-image.
- 307 minutes of "yellow" glare with potential to cause temporary after-image.





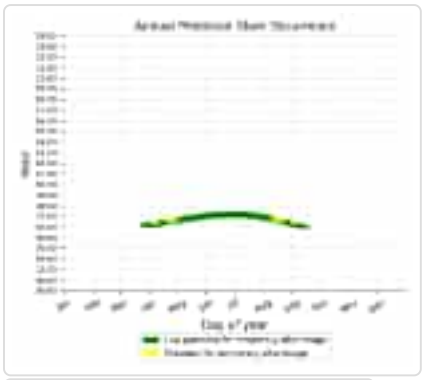


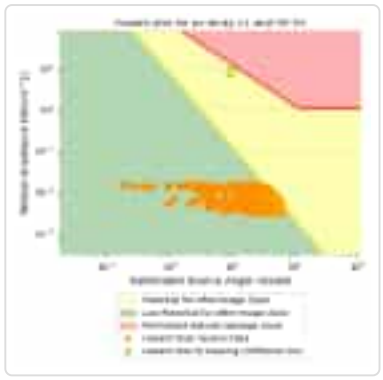


PV array 11: OP 64

PV array is expected to produce the following glare for this receptor:

- 2,988 minutes of "green" glare with low potential to cause temporary after-image.
- 106 minutes of "yellow" glare with potential to cause temporary after-image.

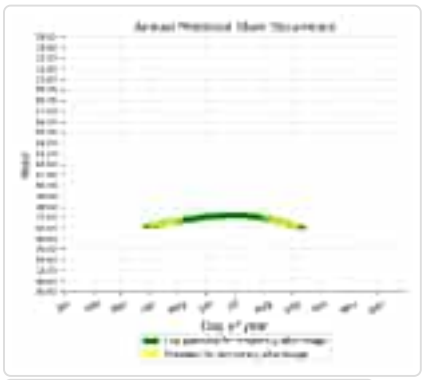


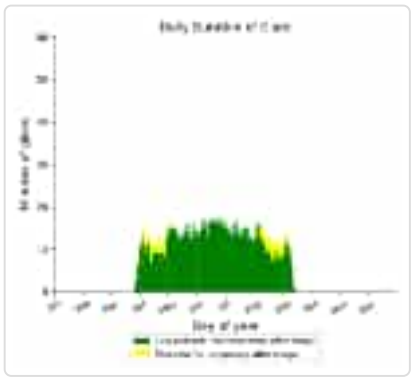


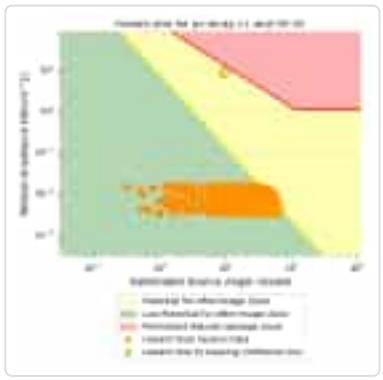
PV array 11: OP 65

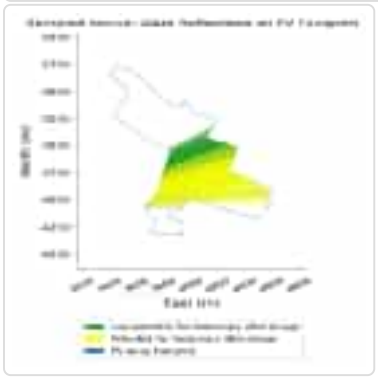
PV array is expected to produce the following glare for this receptor:

- 2,099 minutes of "green" glare with low potential to cause temporary after-image.
- 190 minutes of "yellow" glare with potential to cause temporary after-image.





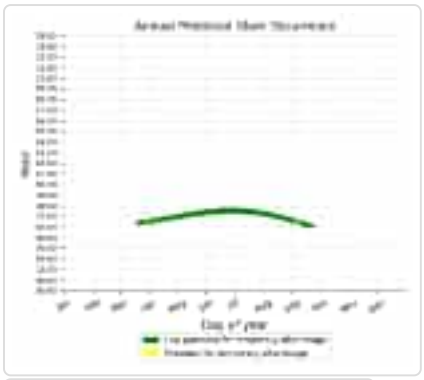


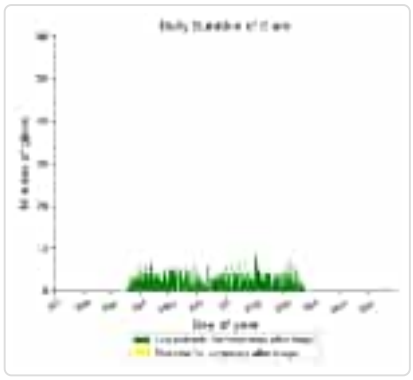


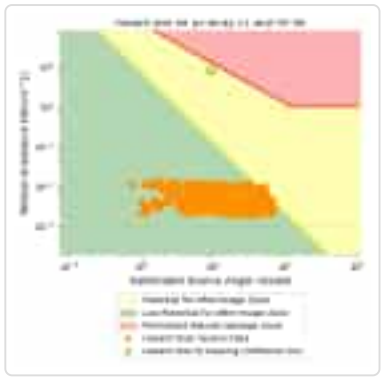
PV array 11: OP 66

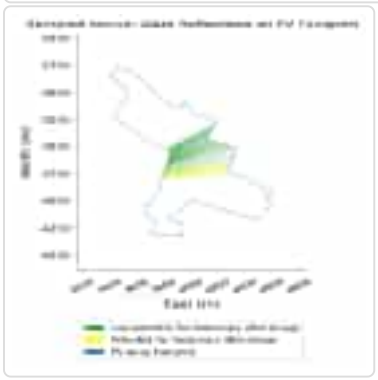
PV array is expected to produce the following glare for this receptor:

- 607 minutes of "green" glare with low potential to cause temporary after-image.
- 5 minutes of "yellow" glare with potential to cause temporary after-image.





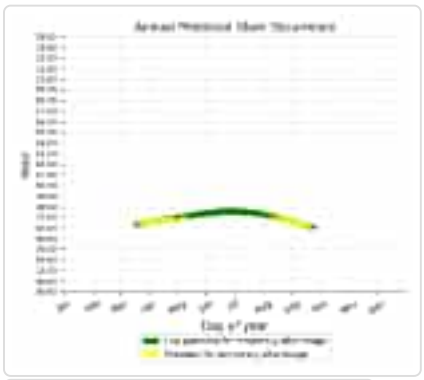


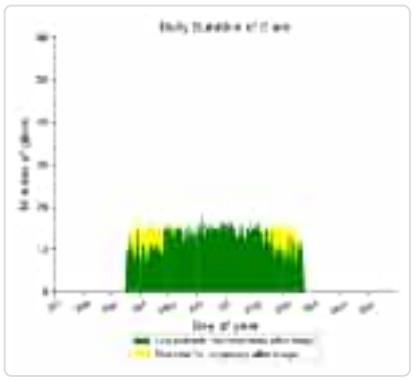


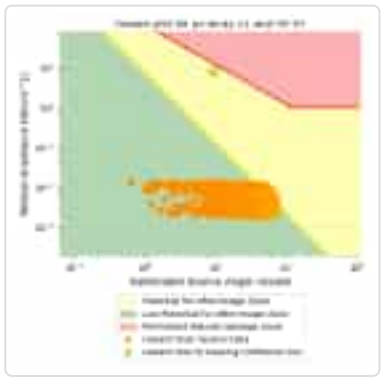
PV array 11: OP 67

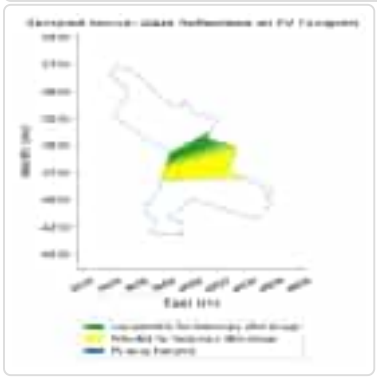
PV array is expected to produce the following glare for this receptor:

- 2,416 minutes of "green" glare with low potential to cause temporary after-image.
- 350 minutes of "yellow" glare with potential to cause temporary after-image.





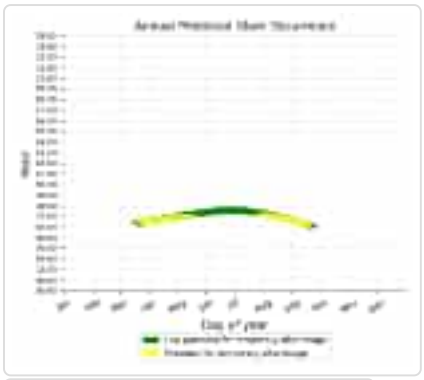


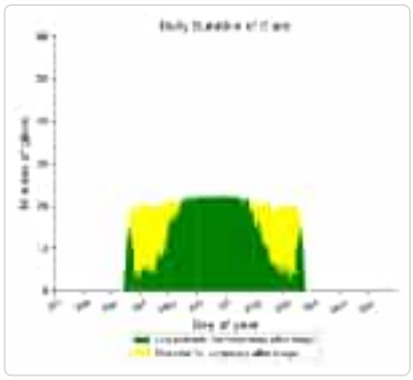


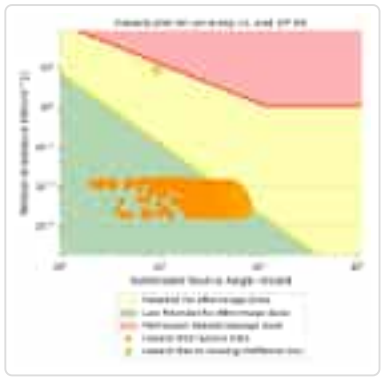
PV array 11: OP 68

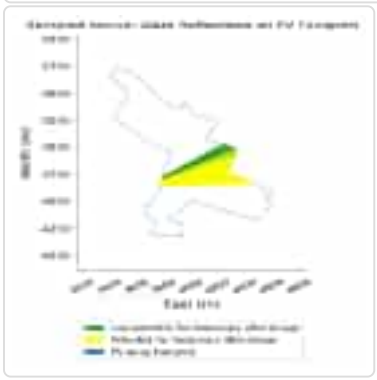
PV array is expected to produce the following glare for this receptor:

- 2,739 minutes of "green" glare with low potential to cause temporary after-image.
- 1,185 minutes of "yellow" glare with potential to cause temporary after-image.





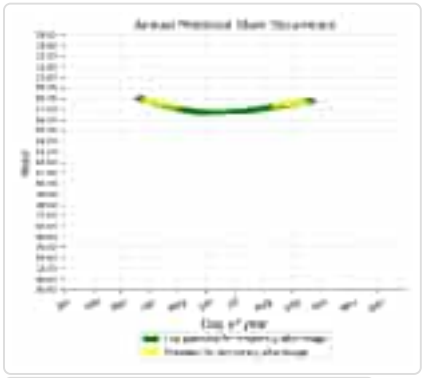


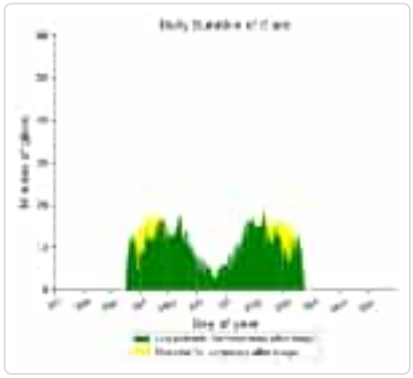


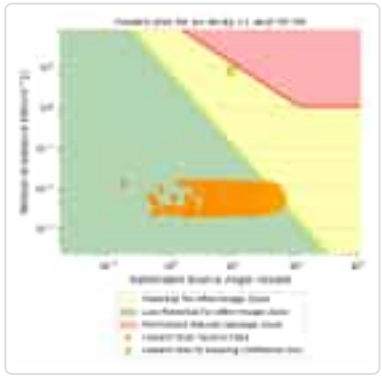
PV array 11: OP 69

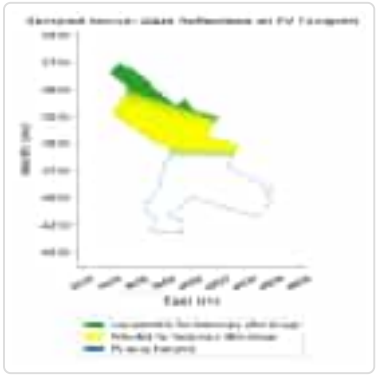
PV array is expected to produce the following glare for this receptor:

- 2,016 minutes of "green" glare with low potential to cause temporary after-image.
- 276 minutes of "yellow" glare with potential to cause temporary after-image.





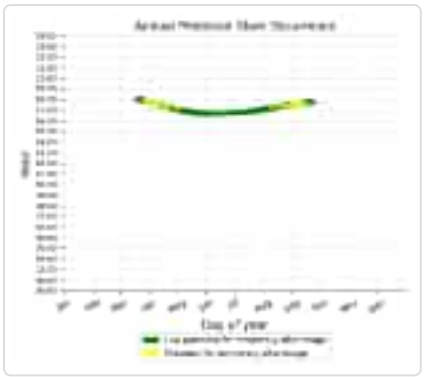


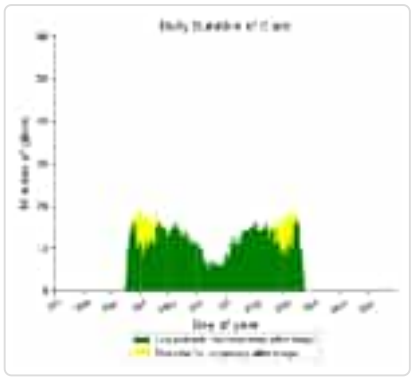


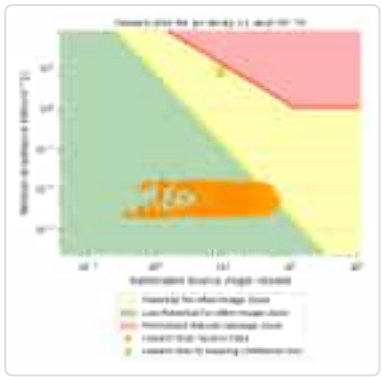
PV array 11: OP 70

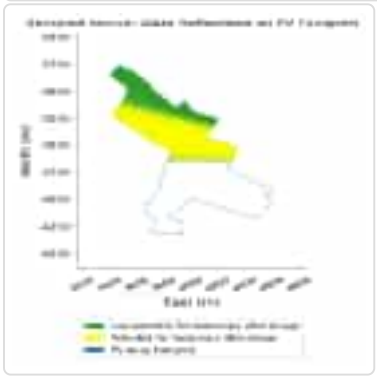
PV array is expected to produce the following glare for this receptor:

- 2,247 minutes of "green" glare with low potential to cause temporary after-image.
- 299 minutes of "yellow" glare with potential to cause temporary after-image.





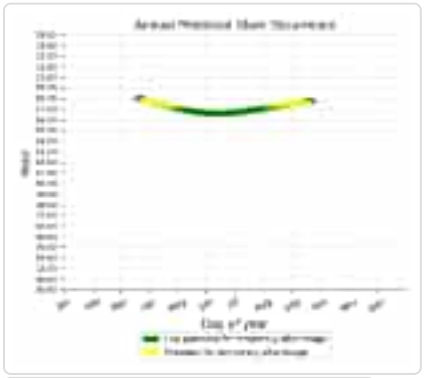


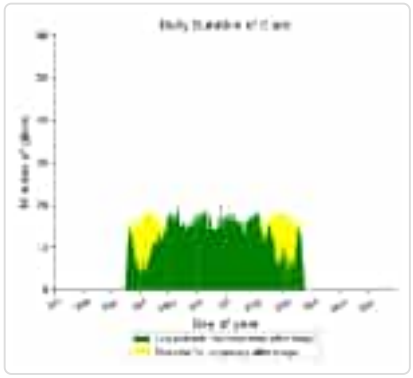


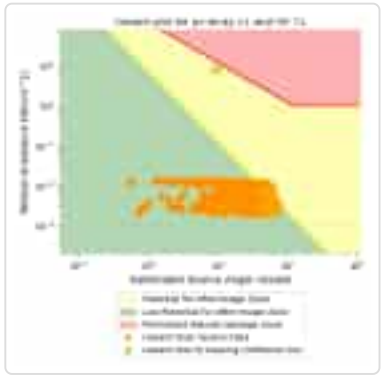
PV array 11: OP 71

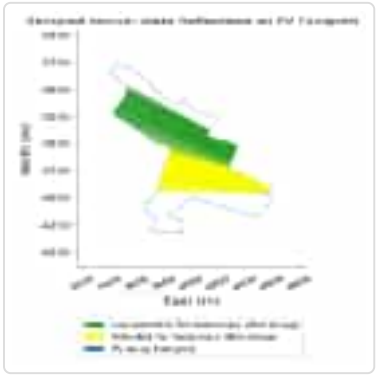
PV array is expected to produce the following glare for this receptor:

- 2,502 minutes of "green" glare with low potential to cause temporary after-image.
- 579 minutes of "yellow" glare with potential to cause temporary after-image.





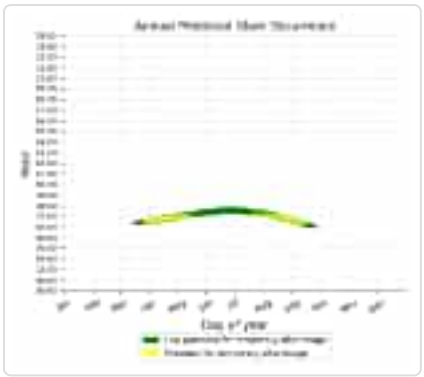


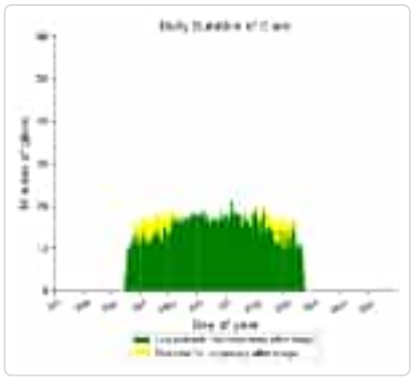


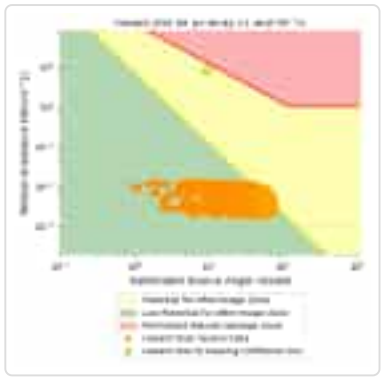
PV array 11: OP 72

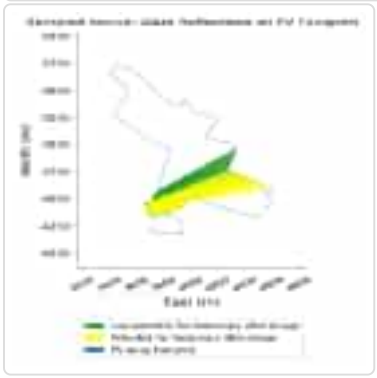
PV array is expected to produce the following glare for this receptor:

- 2,863 minutes of "green" glare with low potential to cause temporary after-image.
- 328 minutes of "yellow" glare with potential to cause temporary after-image.





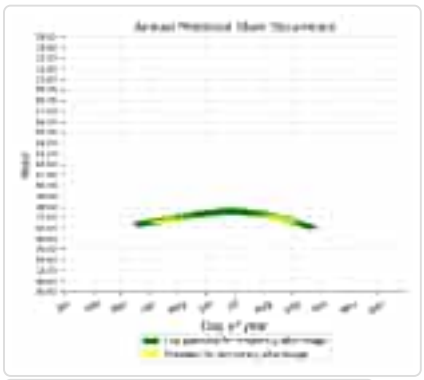


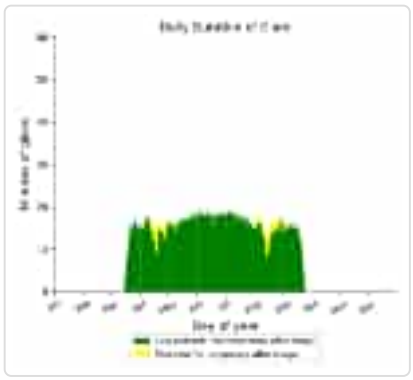


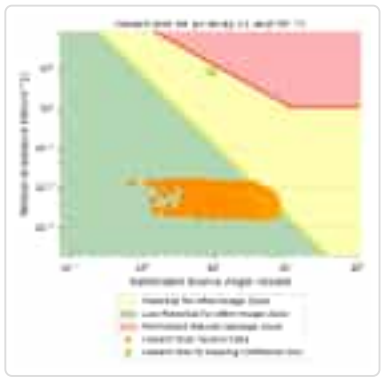
PV array 11: OP 73

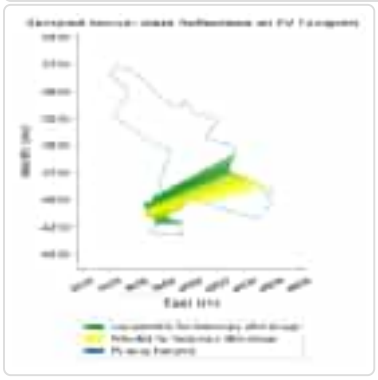
PV array is expected to produce the following glare for this receptor:

- 2,990 minutes of "green" glare with low potential to cause temporary after-image.
- 131 minutes of "yellow" glare with potential to cause temporary after-image.





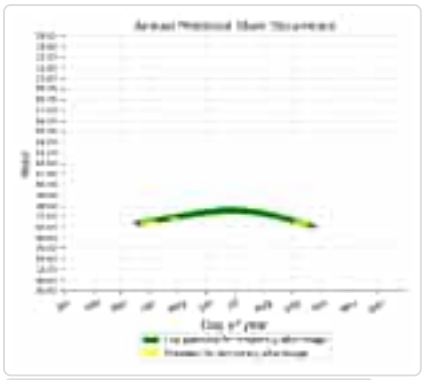


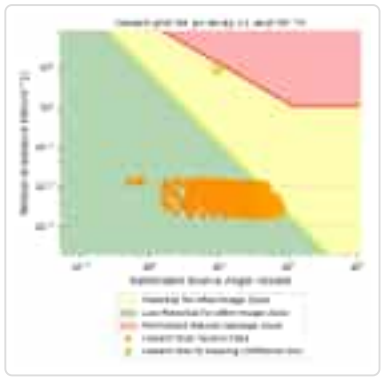


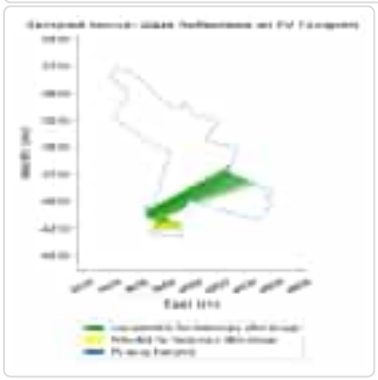
PV array 11: OP 74

PV array is expected to produce the following glare for this receptor:

- 3,086 minutes of "green" glare with low potential to cause temporary after-image.
- 51 minutes of "yellow" glare with potential to cause temporary after-image.



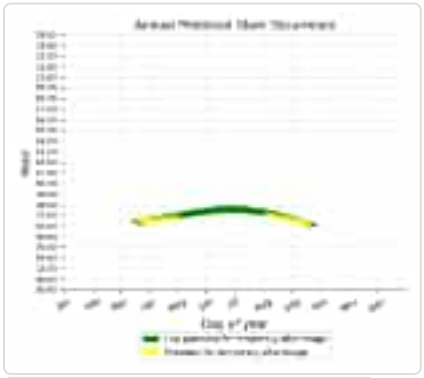


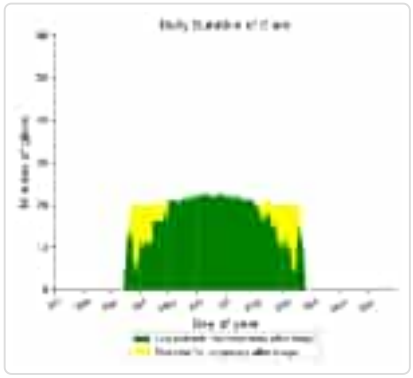


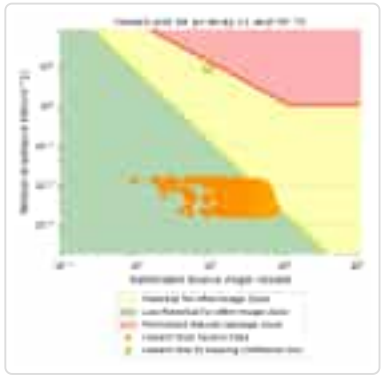
PV array 11: OP 75

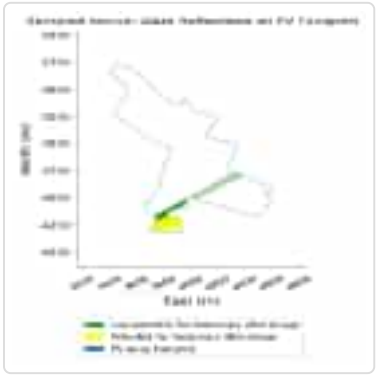
PV array is expected to produce the following glare for this receptor:

- 3,276 minutes of "green" glare with low potential to cause temporary after-image.
- 658 minutes of "yellow" glare with potential to cause temporary after-image.





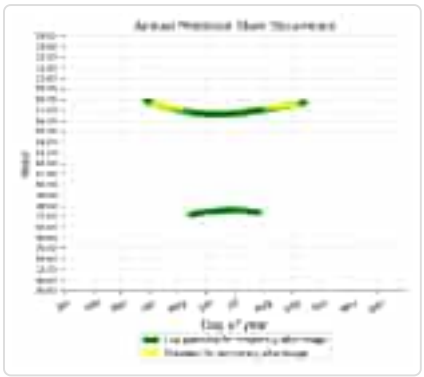


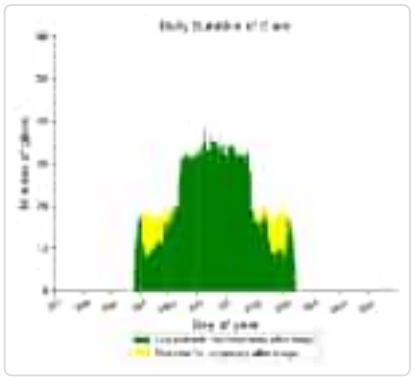


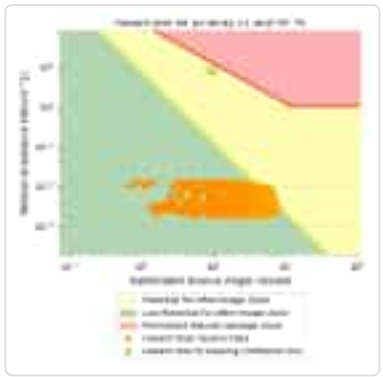
PV array 11: OP 76

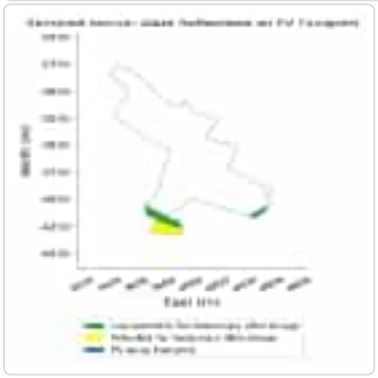
PV array is expected to produce the following glare for this receptor:

- 3,781 minutes of "green" glare with low potential to cause temporary after-image.
- 403 minutes of "yellow" glare with potential to cause temporary after-image.





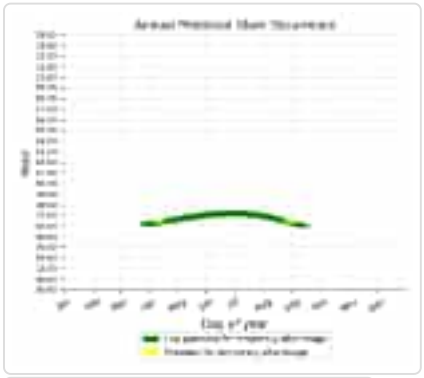


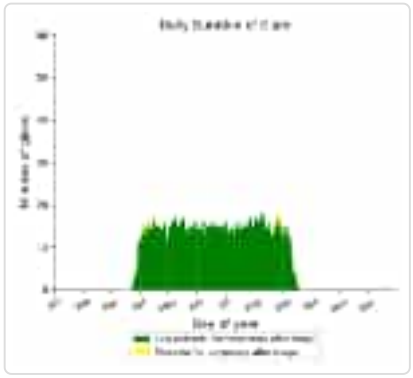


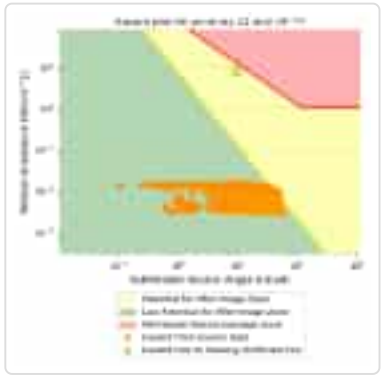
PV array 11: OP 77

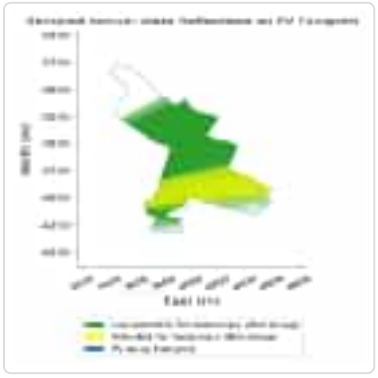
PV array is expected to produce the following glare for this receptor:

- 2,494 minutes of "green" glare with low potential to cause temporary after-image.
- 25 minutes of "yellow" glare with potential to cause temporary after-image.





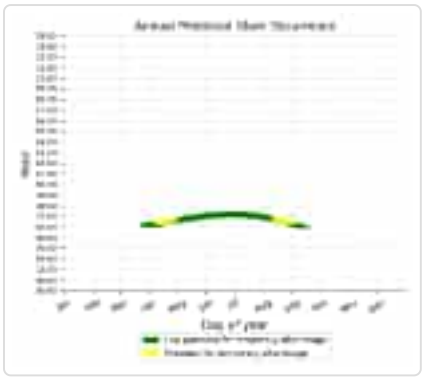


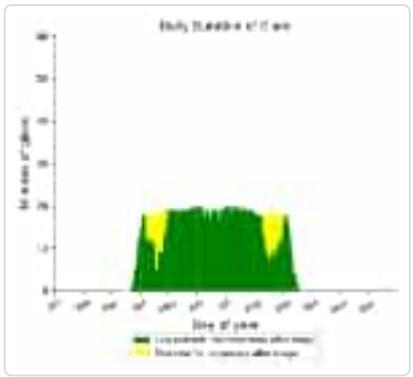


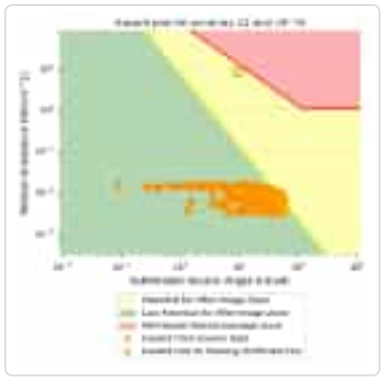
PV array 11: OP 78

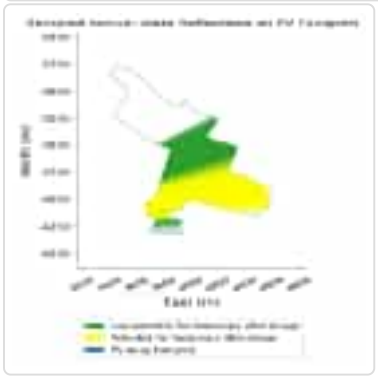
PV array is expected to produce the following glare for this receptor:

- 2,749 minutes of "green" glare with low potential to cause temporary after-image.
- 350 minutes of "yellow" glare with potential to cause temporary after-image.





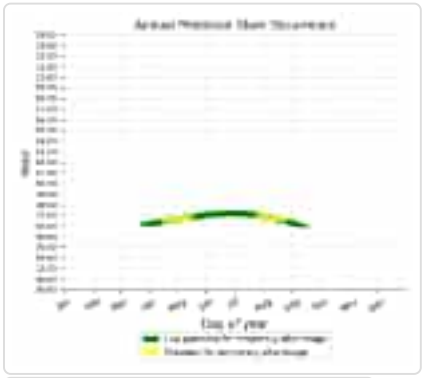


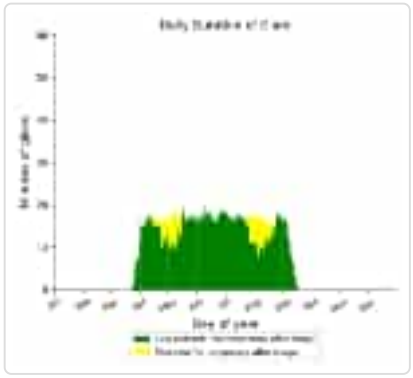


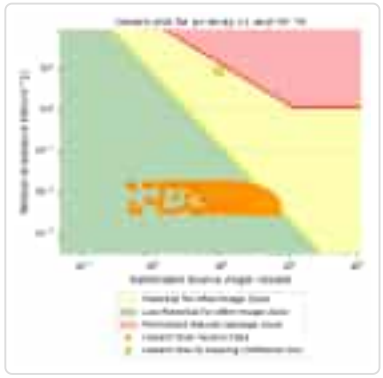
PV array 11: OP 79

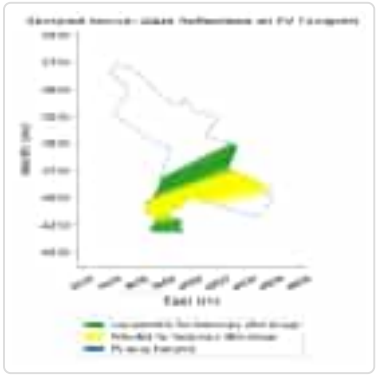
PV array is expected to produce the following glare for this receptor:

- 2,478 minutes of "green" glare with low potential to cause temporary after-image.
- 309 minutes of "yellow" glare with potential to cause temporary after-image.





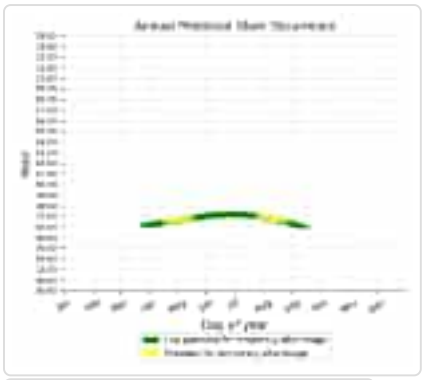


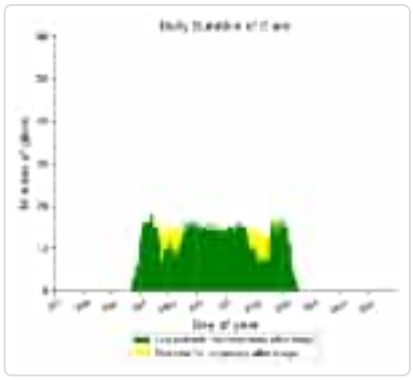


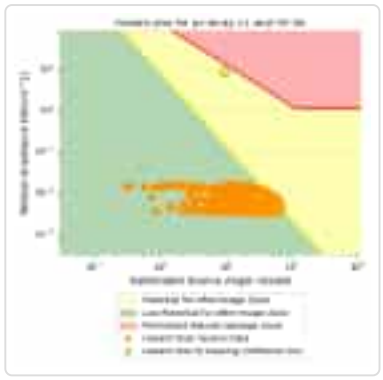
PV array 11: OP 80

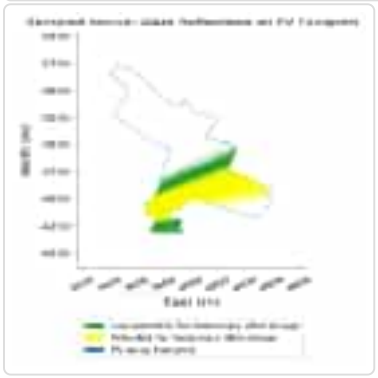
PV array is expected to produce the following glare for this receptor:

- 2,213 minutes of "green" glare with low potential to cause temporary after-image.
- 251 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)

OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0

OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	135	0
OP: OP 73	483	0
OP: OP 74	572	0
OP: OP 75	722	0
OP: OP 76	1793	137
OP: OP 77	362	0
OP: OP 78	378	0
OP: OP 79	674	0
OP: OP 80	525	0

PV array 12: OP 1

No glare found

PV array 12: OP 2

No glare found

PV array 12: OP 3

No glare found

PV array 12: OP 4

No glare found

PV array 12: OP 5

No glare found

PV array 12: OP 6

No glare found

PV array 12: OP 7

No glare found

PV array 12: OP 8

No glare found

PV array 12: OP 9

No glare found

PV array 12: OP 10

No glare found

PV array 12: OP 11

No glare found

PV array 12: OP 12

No glare found

PV array 12: OP 13

No glare found

PV array 12: OP 14

No glare found

PV array 12: OP 15

No glare found

PV array 12: OP 16

No glare found

PV array 12: OP 17

No glare found

PV array 12: OP 18

No glare found

PV array 12: OP 19

No glare found

PV array 12: OP 20

No glare found

PV array 12: OP 21

No glare found

PV array 12: OP 22

No glare found

PV array 12: OP 23

No glare found

PV array 12: OP 24

No glare found

PV array 12: OP 25

No glare found

PV array 12: OP 26

No glare found

PV array 12: OP 27

No glare found

PV array 12: OP 28

No glare found

PV array 12: OP 29

No glare found

PV array 12: OP 30

No glare found

PV array 12: OP 31

No glare found

PV array 12: OP 32

No glare found

PV array 12: OP 33

No glare found

PV array 12: OP 34

No glare found

PV array 12: OP 35

No glare found

PV array 12: OP 36

No glare found

PV array 12: OP 37

No glare found

PV array 12: OP 38

No glare found

PV array 12: OP 39

No glare found

PV array 12: OP 40

No glare found

PV array 12: OP 41

No glare found

PV array 12: OP 42

No glare found

PV array 12: OP 43

No glare found

PV array 12: OP 44

No glare found

PV array 12: OP 45

No glare found

PV array 12: OP 46

No glare found

PV array 12: OP 47

No glare found

PV array 12: OP 48

No glare found

PV array 12: OP 49

No glare found

PV array 12: OP 50

No glare found

PV array 12: OP 51

No glare found

PV array 12: OP 52

No glare found

PV array 12: OP 53

No glare found

PV array 12: OP 54

No glare found

PV array 12: OP 55

No glare found

PV array 12: OP 56

No glare found

PV array 12: OP 57

No glare found

PV array 12: OP 58

No glare found

PV array 12: OP 59

No glare found

PV array 12: OP 60

No glare found

PV array 12: OP 61

No glare found

PV array 12: OP 62

No glare found

PV array 12: OP 63

No glare found

PV array 12: OP 64

No glare found

PV array 12: OP 65

No glare found

PV array 12: OP 66

No glare found

PV array 12: OP 67

No glare found

PV array 12: OP 68

No glare found

PV array 12: OP 69

No glare found

PV array 12: OP 70

No glare found

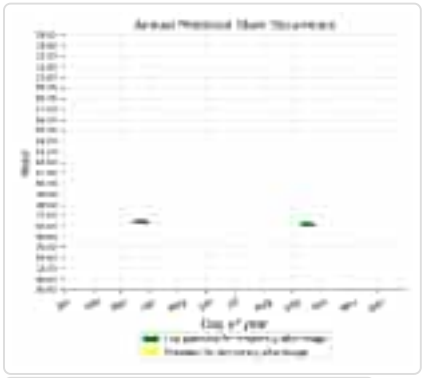
PV array 12: OP 71

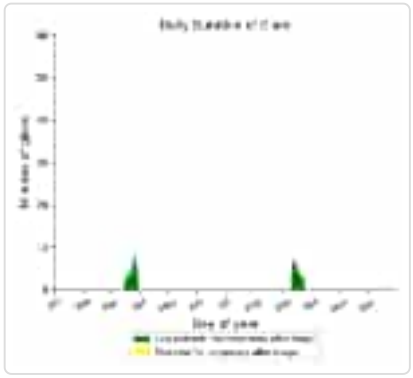
No glare found

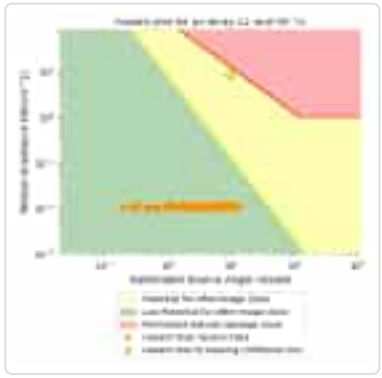
PV array 12: OP 72

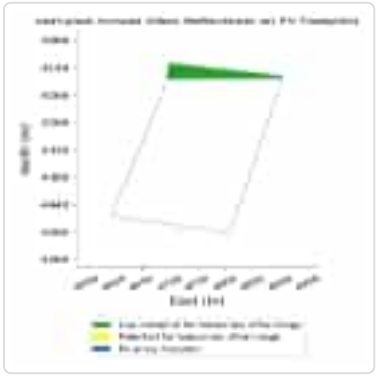
PV array is expected to produce the following glare for this receptor:

- 135 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





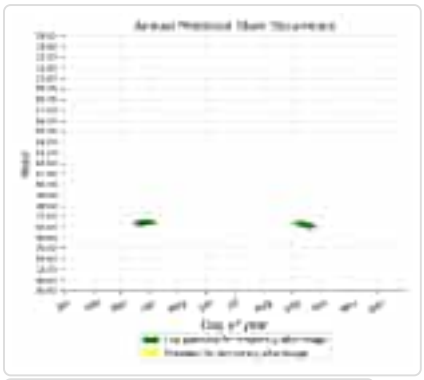


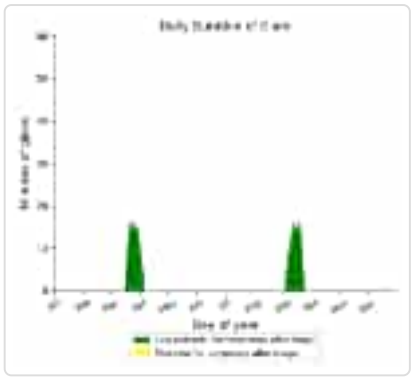


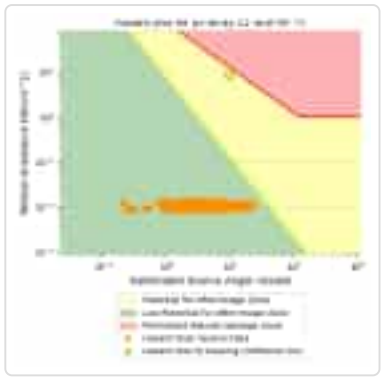
PV array 12: OP 73

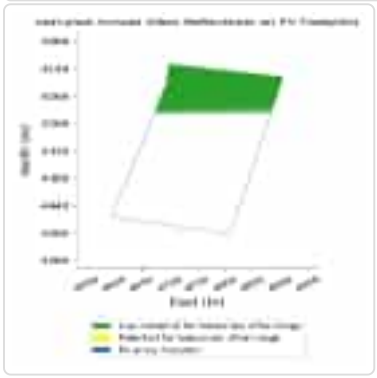
PV array is expected to produce the following glare for this receptor:

- 483 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





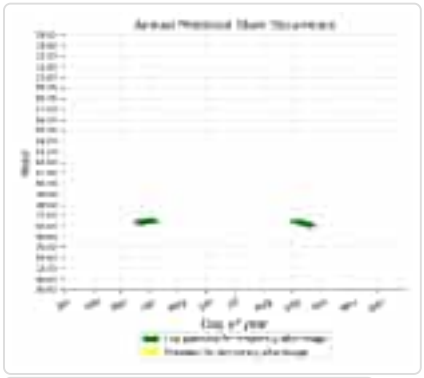


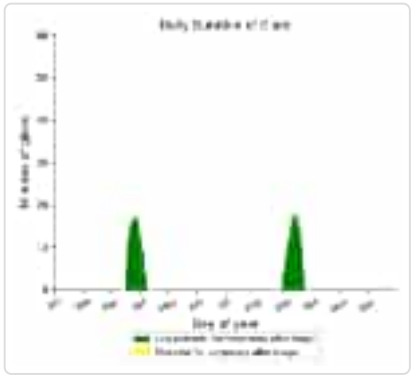


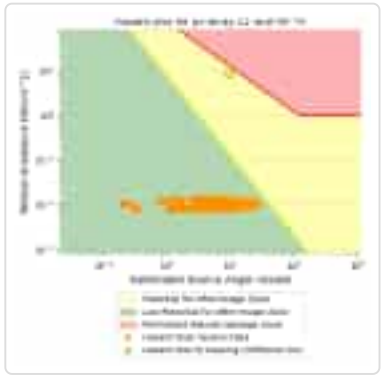
PV array 12: OP 74

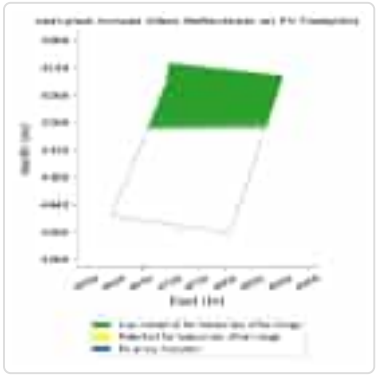
PV array is expected to produce the following glare for this receptor:

- 572 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





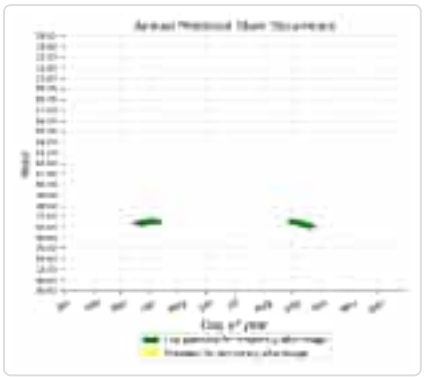


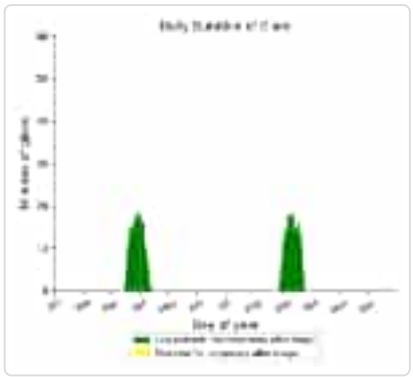


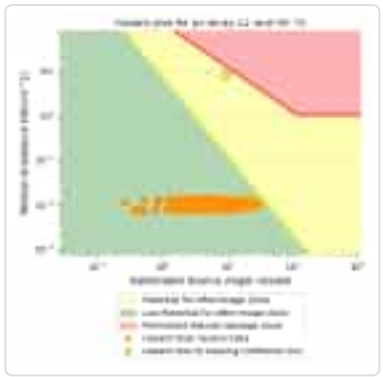
PV array 12: OP 75

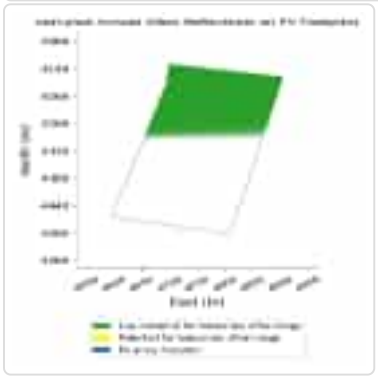
PV array is expected to produce the following glare for this receptor:

- 722 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





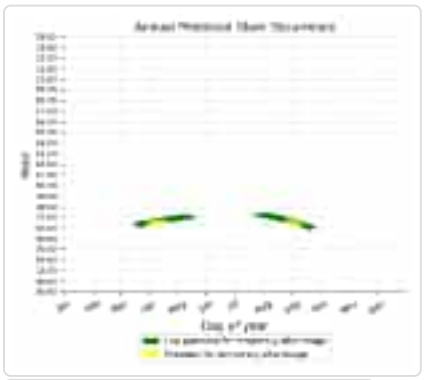


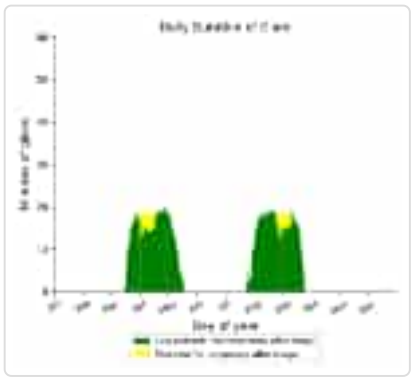


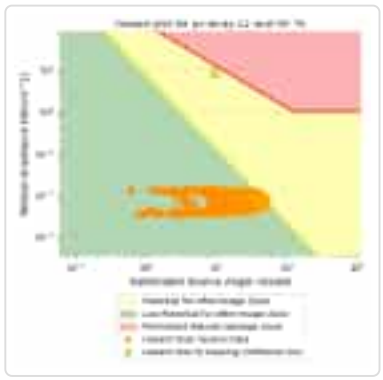
PV array 12: OP 76

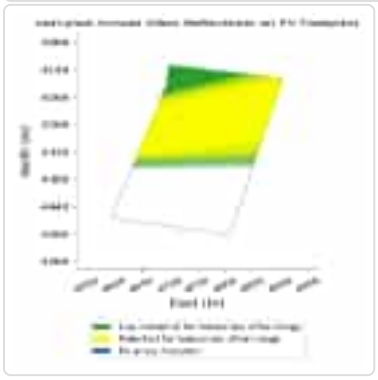
PV array is expected to produce the following glare for this receptor:

- 1,793 minutes of "green" glare with low potential to cause temporary after-image.
- 137 minutes of "yellow" glare with potential to cause temporary after-image.





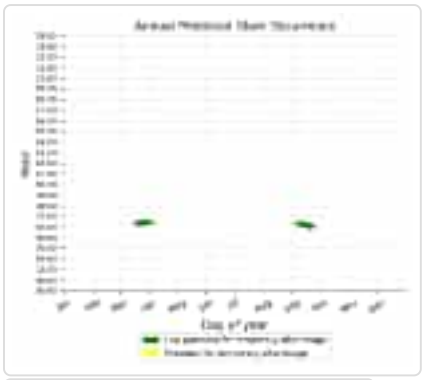


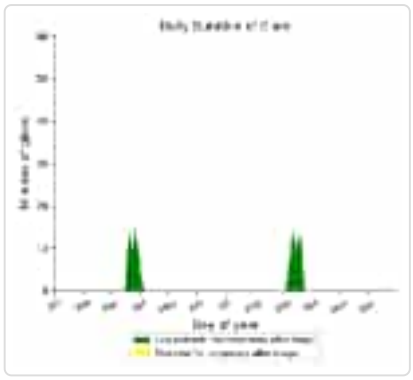


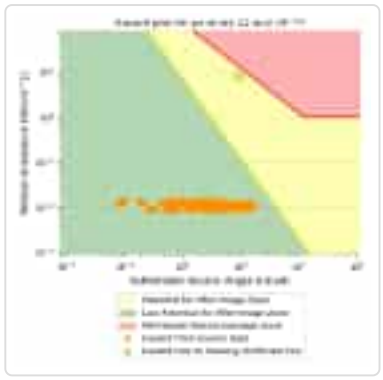
PV array 12: OP 77

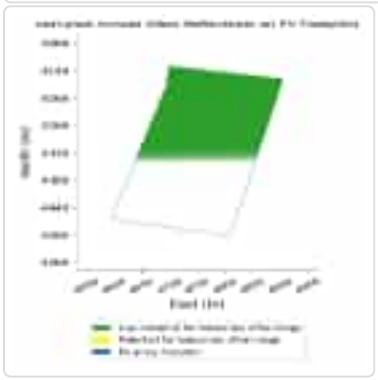
PV array is expected to produce the following glare for this receptor:

- 362 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





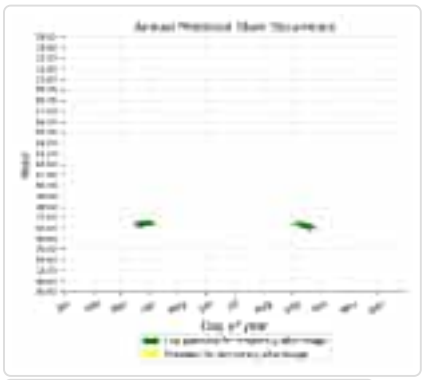


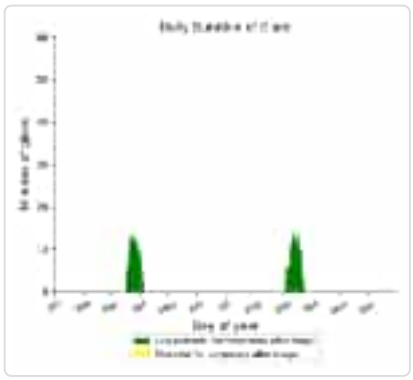


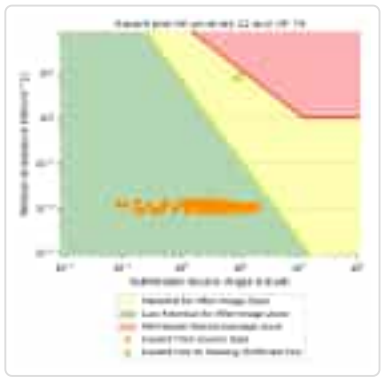
PV array 12: OP 78

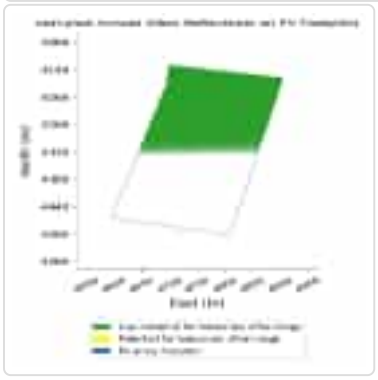
PV array is expected to produce the following glare for this receptor:

- 378 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





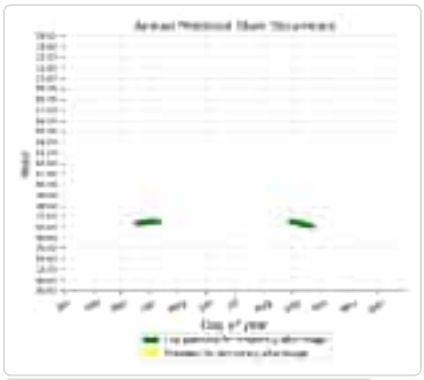


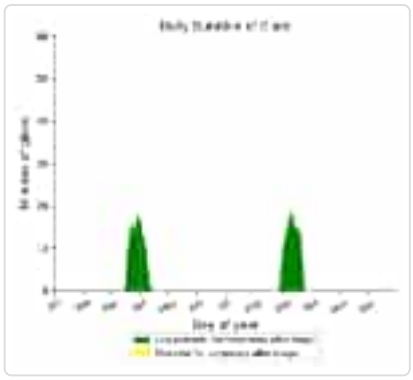


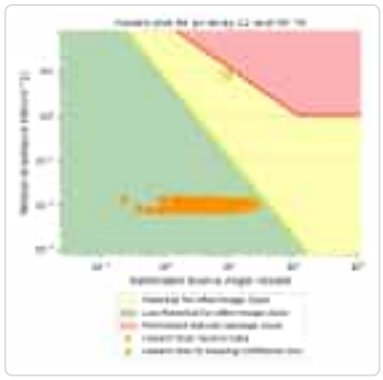
PV array 12: OP 79

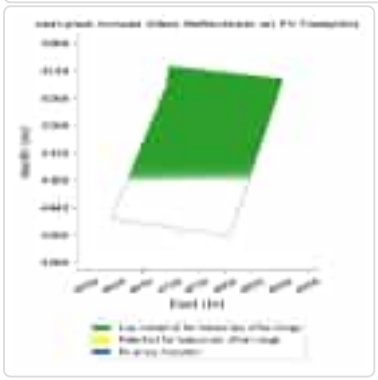
PV array is expected to produce the following glare for this receptor:

- 674 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





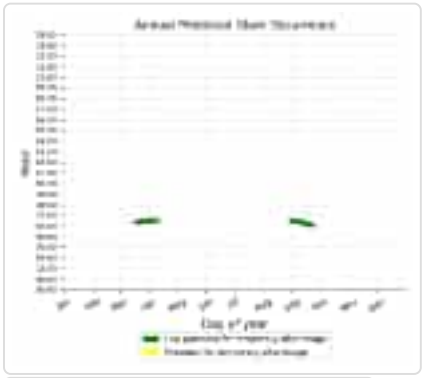


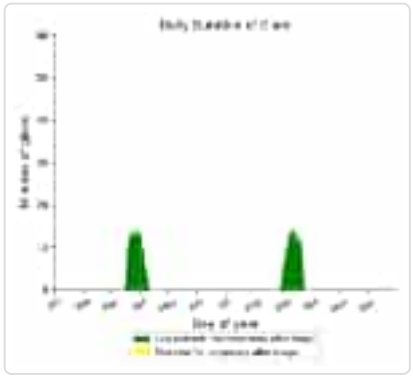


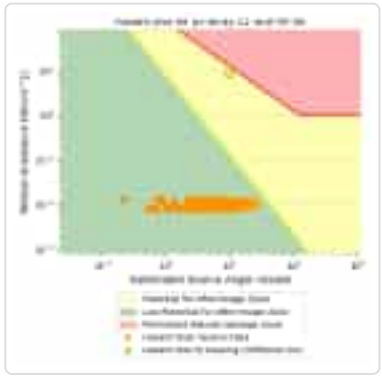
PV array 12: OP 80

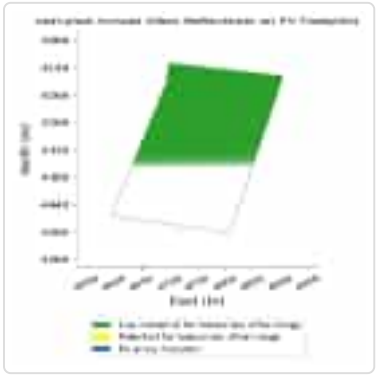
PV array is expected to produce the following glare for this receptor:

- 525 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 13 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0

OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
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OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	62	0
OP: OP 73	206	0
OP: OP 74	308	0
OP: OP 75	281	0
OP: OP 76	0	0
OP: OP 77	2712	1362
OP: OP 78	0	0
OP: OP 79	503	4

OP: OP 80	409	0

PV array 13: OP 1

No glare found

PV array 13: OP 2

No glare found

PV array 13: OP 3

No glare found

PV array 13: OP 4

No glare found

PV array 13: OP 5

No glare found

PV array 13: OP 6

No glare found

PV array 13: OP 7

No glare found

PV array 13: OP 8

No glare found

PV array 13: OP 9

No glare found

PV array 13: OP 10

No glare found

PV array 13: OP 11

No glare found

PV array 13: OP 12

No glare found

PV array 13: OP 13

No glare found

PV array 13: OP 14

No glare found

PV array 13: OP 15

No glare found

PV array 13: OP 16

No glare found

PV array 13: OP 17

No glare found

PV array 13: OP 18

No glare found

PV array 13: OP 19

No glare found

PV array 13: OP 20

No glare found

PV array 13: OP 21

No glare found

PV array 13: OP 22

No glare found

PV array 13: OP 23

No glare found

PV array 13: OP 24

No glare found

PV array 13: OP 25

No glare found

PV array 13: OP 26

No glare found

PV array 13: OP 27

No glare found

PV array 13: OP 28

No glare found

PV array 13: OP 29

No glare found

PV array 13: OP 30

No glare found

PV array 13: OP 31

No glare found

PV array 13: OP 32

No glare found

PV array 13: OP 33

No glare found

PV array 13: OP 34

No glare found

PV array 13: OP 35

No glare found

PV array 13: OP 36

No glare found

PV array 13: OP 37

No glare found

PV array 13: OP 38

No glare found

PV array 13: OP 39

No glare found

PV array 13: OP 40

No glare found

PV array 13: OP 41

No glare found

PV array 13: OP 42

No glare found

PV array 13: OP 43

No glare found

PV array 13: OP 44

No glare found

PV array 13: OP 45

No glare found

PV array 13: OP 46

No glare found

PV array 13: OP 47

No glare found

PV array 13: OP 48

No glare found

PV array 13: OP 49

No glare found

PV array 13: OP 50

No glare found

PV array 13: OP 51

No glare found

PV array 13: OP 52

No glare found

PV array 13: OP 53

No glare found

PV array 13: OP 54

No glare found

PV array 13: OP 55

No glare found

PV array 13: OP 56

No glare found

PV array 13: OP 57

No glare found

PV array 13: OP 58

No glare found

PV array 13: OP 59

No glare found

PV array 13: OP 60

No glare found

PV array 13: OP 61

No glare found

PV array 13: OP 62

No glare found

PV array 13: OP 63

No glare found

PV array 13: OP 64

No glare found

PV array 13: OP 65

No glare found

PV array 13: OP 66

No glare found

PV array 13: OP 67

No glare found

PV array 13: OP 68

No glare found

PV array 13: OP 69

No glare found

PV array 13: OP 70

No glare found

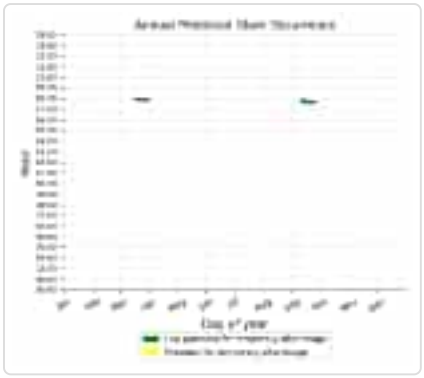
PV array 13: OP 71

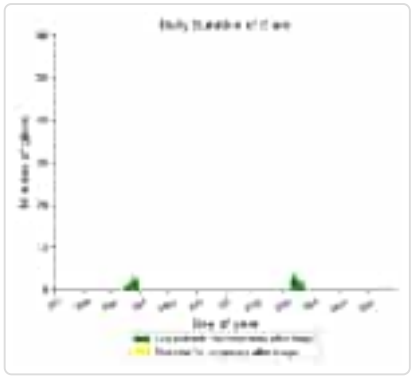
No glare found

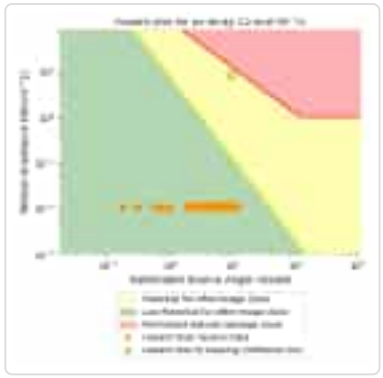
PV array 13: OP 72

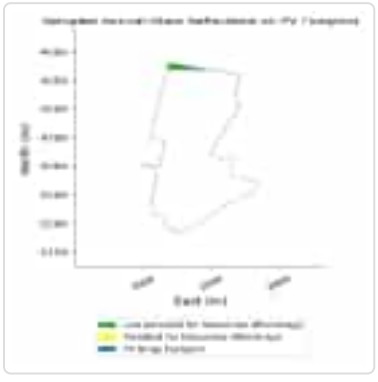
PV array is expected to produce the following glare for this receptor:

- 62 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





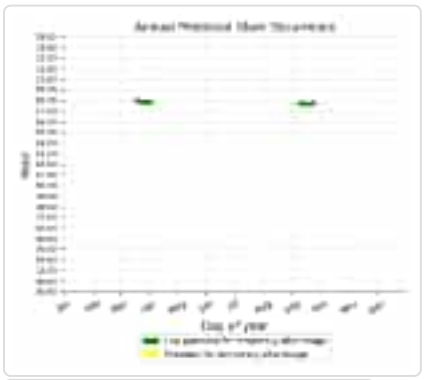


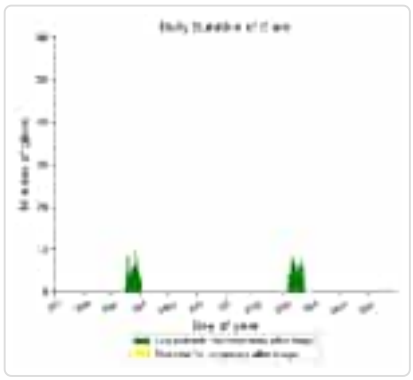


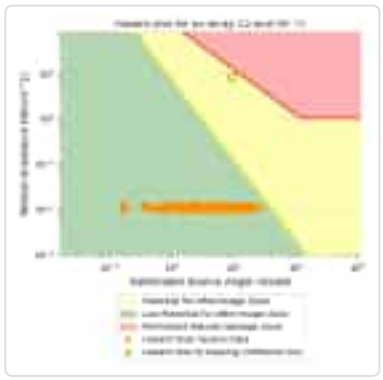
PV array 13: OP 73

PV array is expected to produce the following glare for this receptor:

- 206 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



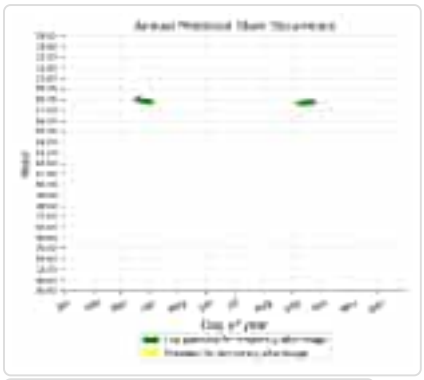


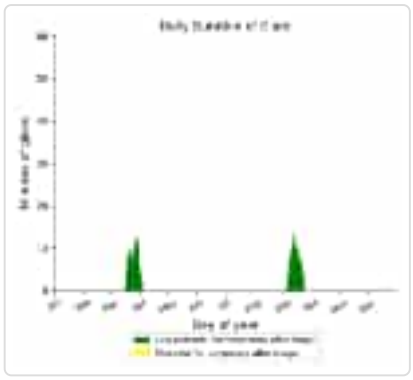


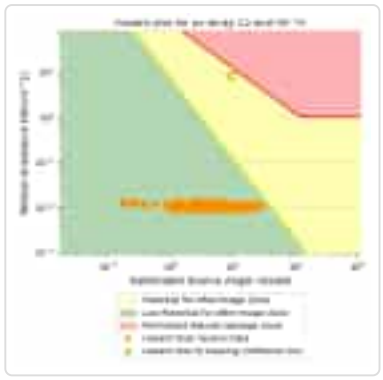
PV array 13: OP 74

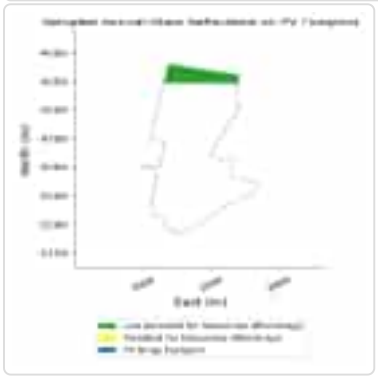
PV array is expected to produce the following glare for this receptor:

- 308 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





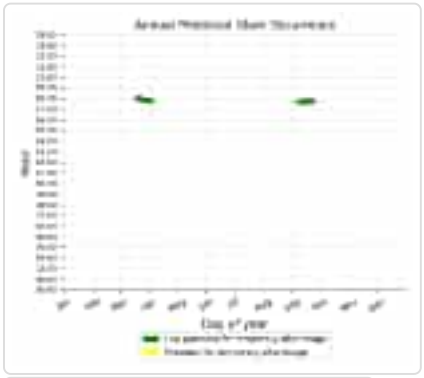


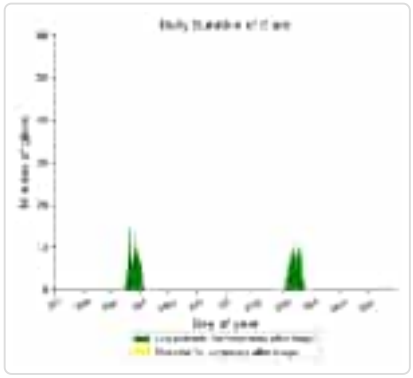


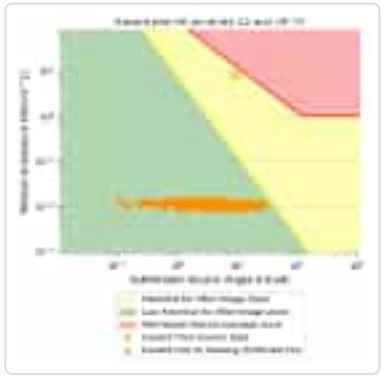
PV array 13: OP 75

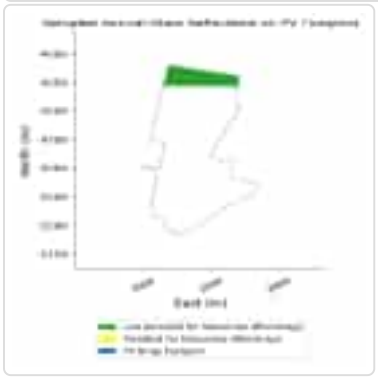
PV array is expected to produce the following glare for this receptor:

- 281 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









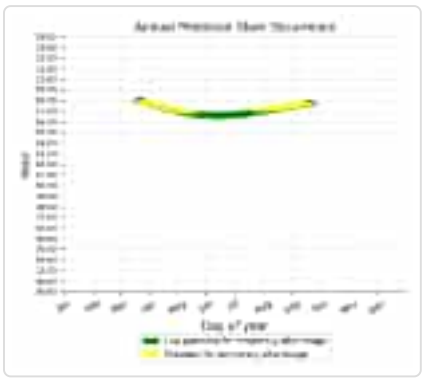
PV array 13: OP 76

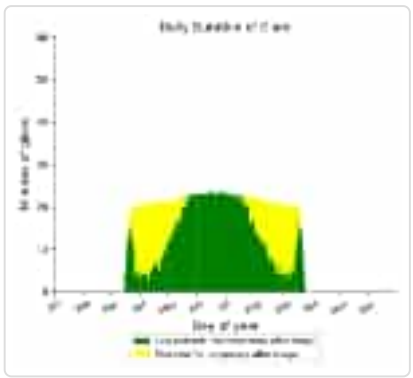
No glare found

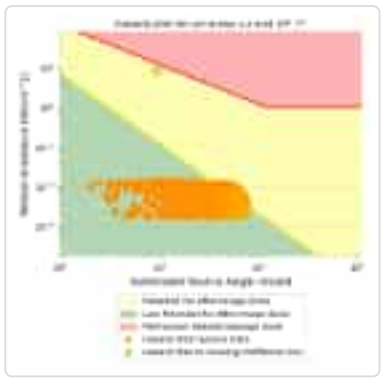
PV array 13: OP 77

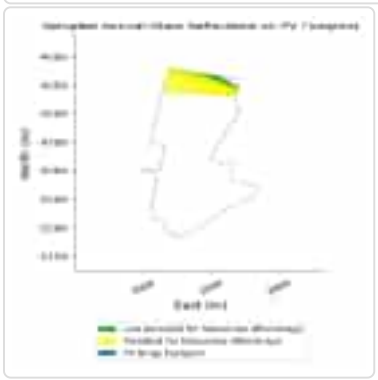
PV array is expected to produce the following glare for this receptor:

- 2,712 minutes of "green" glare with low potential to cause temporary after-image.
- 1,362 minutes of "yellow" glare with potential to cause temporary after-image.









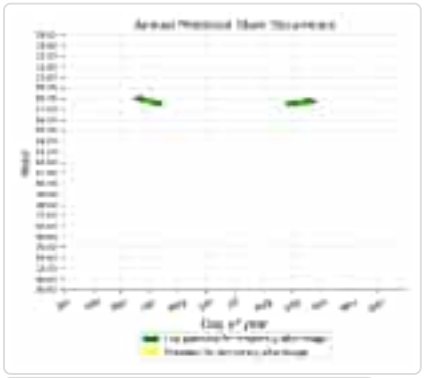
PV array 13: OP 78

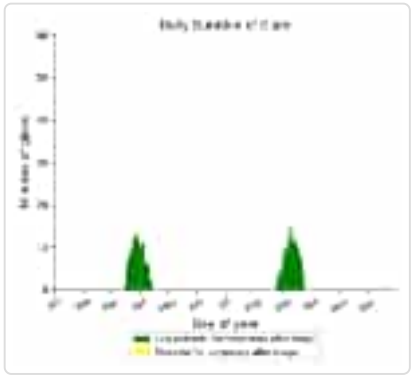
No glare found

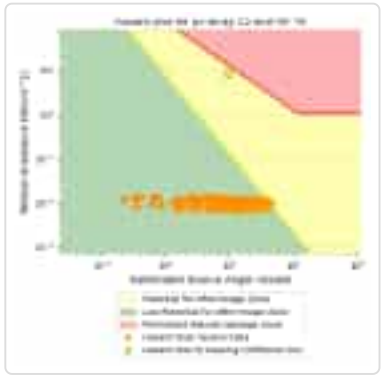
PV array 13: OP 79

PV array is expected to produce the following glare for this receptor:

- 503 minutes of "green" glare with low potential to cause temporary after-image.
- 4 minutes of "yellow" glare with potential to cause temporary after-image.



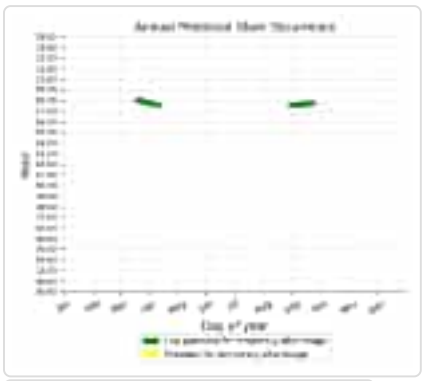


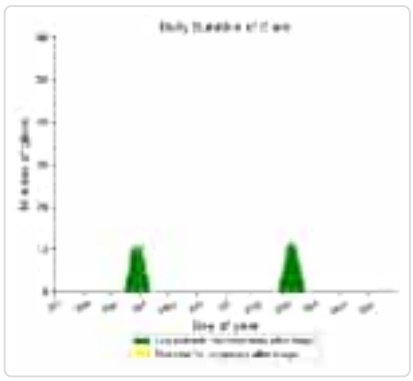


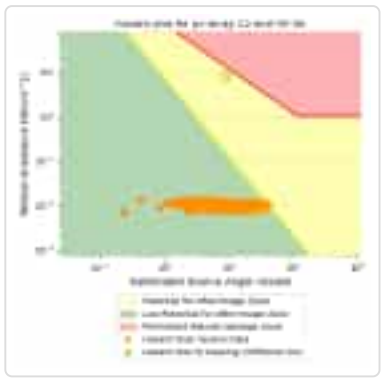
PV array 13: OP 80

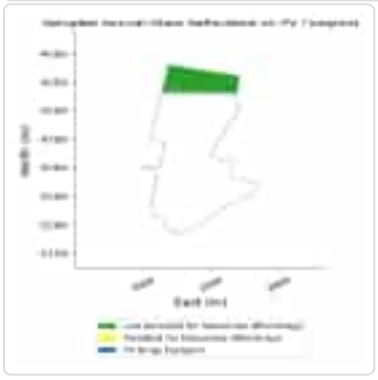
PV array is expected to produce the following glare for this receptor:

- 409 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0

OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	3228	662
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	309	0
OP: OP 72	2309	198
OP: OP 73	3494	542
OP: OP 74	3838	480
OP: OP 75	3417	247
OP: OP 76	2531	0
OP: OP 77	4805	3263
OP: OP 78	7198	3227
OP: OP 79	8064	0
OP: OP 80	8263	0

PV array 14: OP 1

No glare found

PV array 14: OP 2

No glare found

PV array 14: OP 3

No glare found

PV array 14: OP 4

No glare found

PV array 14: OP 5

No glare found

PV array 14: OP 6

No glare found

PV array 14: OP 7

No glare found

PV array 14: OP 8

No glare found

PV array 14: OP 9

No glare found

PV array 14: OP 10

No glare found

PV array 14: OP 11

No glare found

PV array 14: OP 12

No glare found

PV array 14: OP 13

No glare found

PV array 14: OP 14

No glare found

PV array 14: OP 15

No glare found

PV array 14: OP 16

No glare found

PV array 14: OP 17

No glare found

PV array 14: OP 18

No glare found

PV array 14: OP 19

No glare found

PV array 14: OP 20

No glare found

PV array 14: OP 21

No glare found

PV array 14: OP 22

No glare found

PV array 14: OP 23

No glare found

PV array 14: OP 24

No glare found

PV array 14: OP 25

No glare found

PV array 14: OP 26

No glare found

PV array 14: OP 27

No glare found

PV array 14: OP 28

No glare found

PV array 14: OP 29

No glare found

PV array 14: OP 30

No glare found

PV array 14: OP 31

No glare found

PV array 14: OP 32

No glare found

PV array 14: OP 33

No glare found

PV array 14: OP 34

No glare found

PV array 14: OP 35

No glare found

PV array 14: OP 36

No glare found

PV array 14: OP 37

No glare found

PV array 14: OP 38

No glare found

PV array 14: OP 39

No glare found

PV array 14: OP 40

No glare found

PV array 14: OP 41

No glare found

PV array 14: OP 42

No glare found

PV array 14: OP 43

No glare found

PV array 14: OP 44

No glare found

PV array 14: OP 45

No glare found

PV array 14: OP 46

No glare found

PV array 14: OP 47

No glare found

PV array 14: OP 48

No glare found

PV array 14: OP 49

No glare found

PV array 14: OP 50

No glare found

PV array 14: OP 51

No glare found

PV array 14: OP 52

No glare found

PV array 14: OP 53

No glare found

PV array 14: OP 54

No glare found

PV array 14: OP 55

No glare found

PV array 14: OP 56

No glare found

PV array 14: OP 57

No glare found

PV array 14: OP 58

No glare found

PV array 14: OP 59

No glare found

PV array 14: OP 60

No glare found

PV array 14: OP 61

No glare found

PV array 14: OP 62

No glare found

PV array 14: OP 63

No glare found

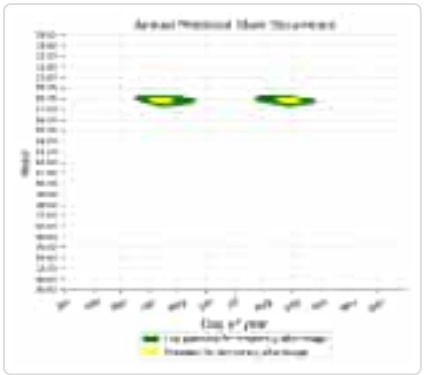
PV array 14: OP 64

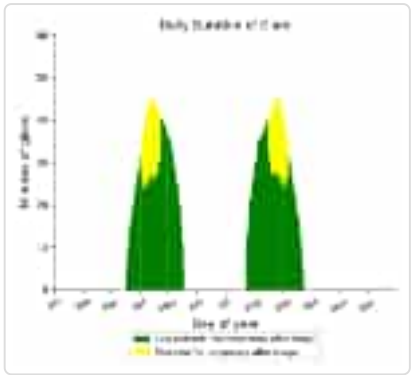
No glare found

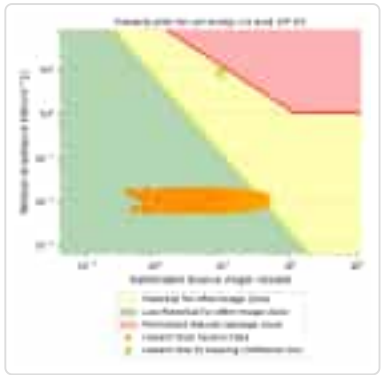
PV array 14: OP 65

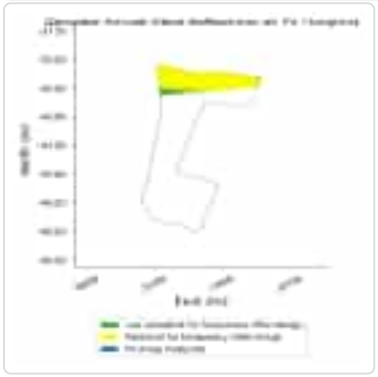
PV array is expected to produce the following glare for this receptor:

- 3,228 minutes of "green" glare with low potential to cause temporary after-image.
- 662 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14: OP 66

No glare found

PV array 14: OP 67

No glare found

PV array 14: OP 68

No glare found

PV array 14: OP 69

No glare found

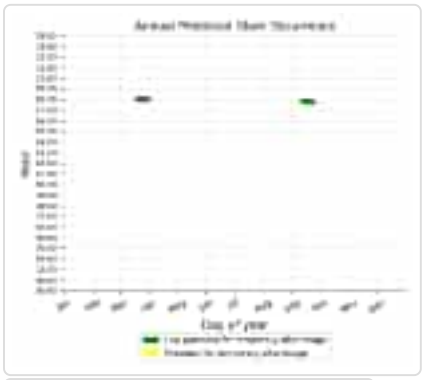
PV array 14: OP 70

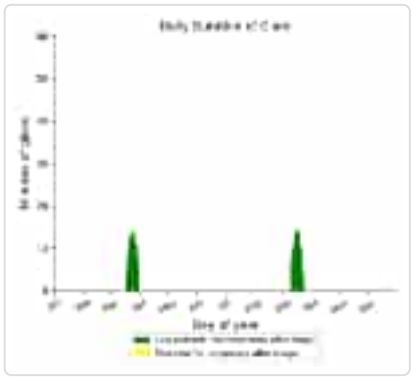
No glare found

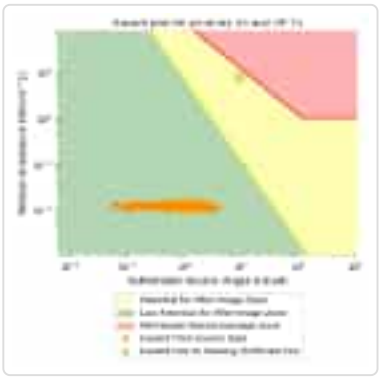
PV array 14: OP 71

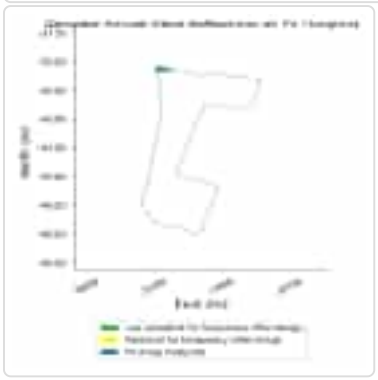
PV array is expected to produce the following glare for this receptor:

- 309 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





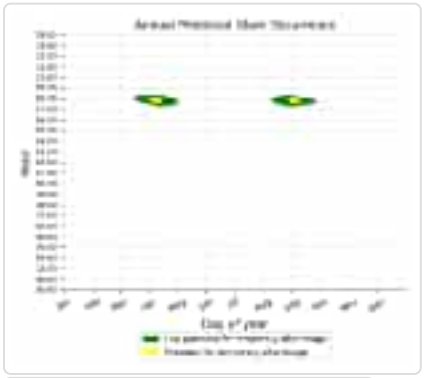


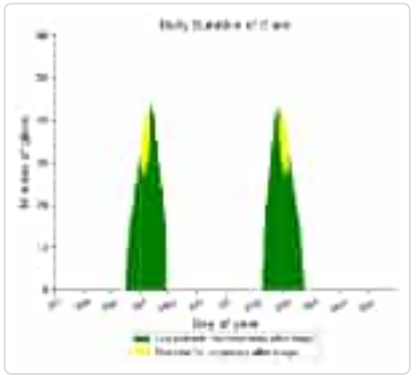


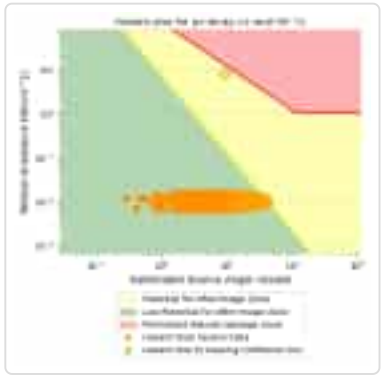
PV array 14: OP 72

PV array is expected to produce the following glare for this receptor:

- 2,309 minutes of "green" glare with low potential to cause temporary after-image.
- 198 minutes of "yellow" glare with potential to cause temporary after-image.



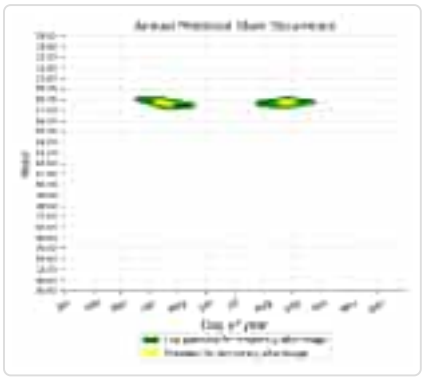


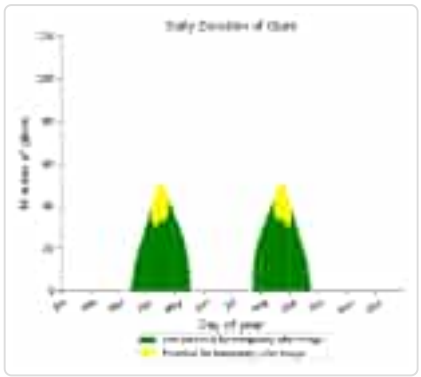


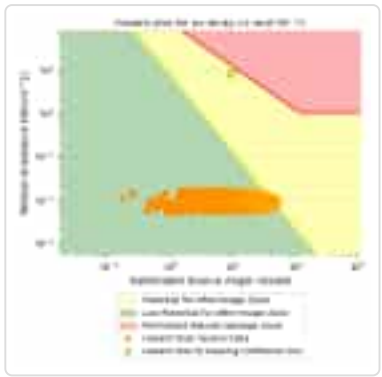
PV array 14: OP 73

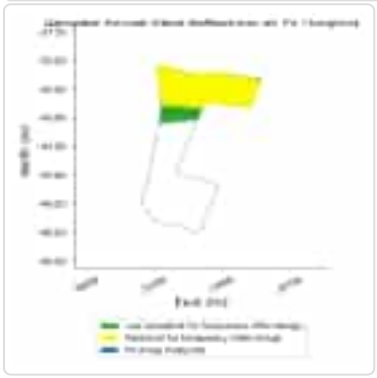
PV array is expected to produce the following glare for this receptor:

- 3,494 minutes of "green" glare with low potential to cause temporary after-image.
- 542 minutes of "yellow" glare with potential to cause temporary after-image.





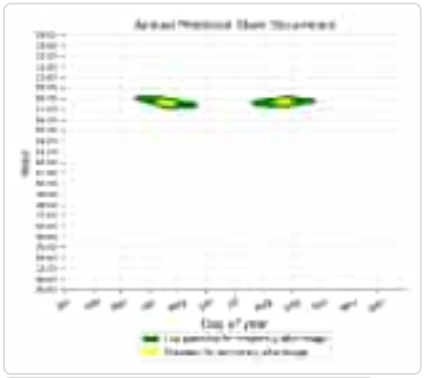


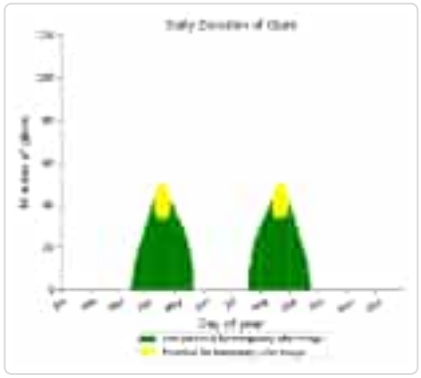


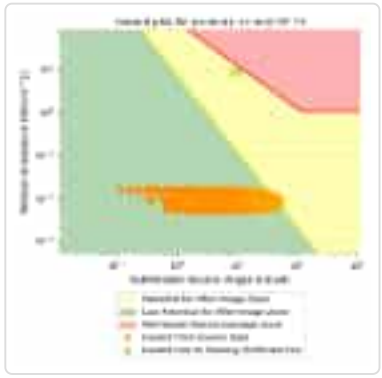
PV array 14: OP 74

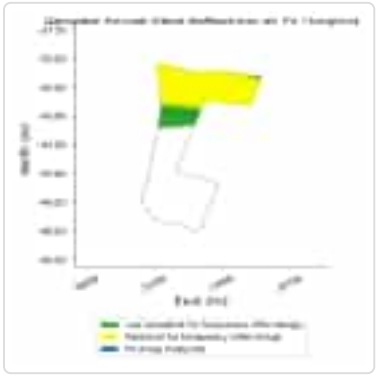
PV array is expected to produce the following glare for this receptor:

- 3,838 minutes of "green" glare with low potential to cause temporary after-image.
- 480 minutes of "yellow" glare with potential to cause temporary after-image.





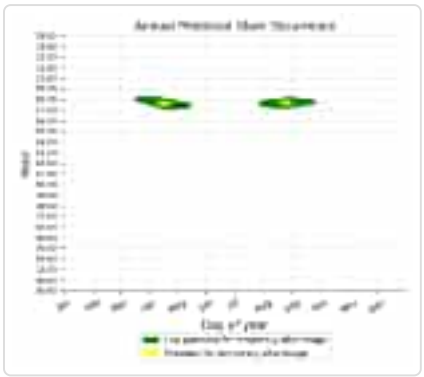


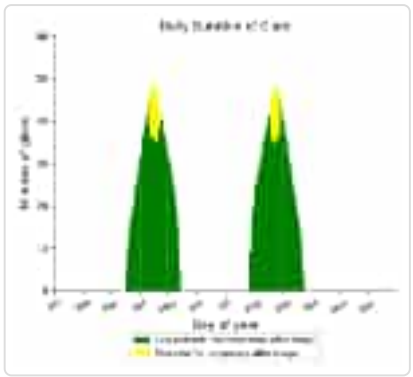


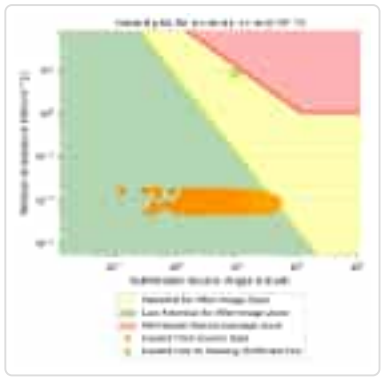
PV array 14: OP 75

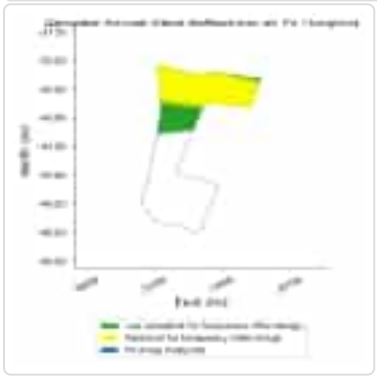
PV array is expected to produce the following glare for this receptor:

- 3,417 minutes of "green" glare with low potential to cause temporary after-image.
- 247 minutes of "yellow" glare with potential to cause temporary after-image.





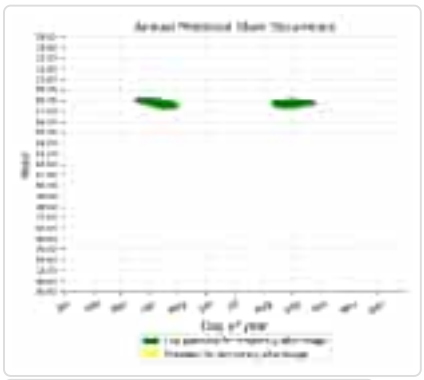


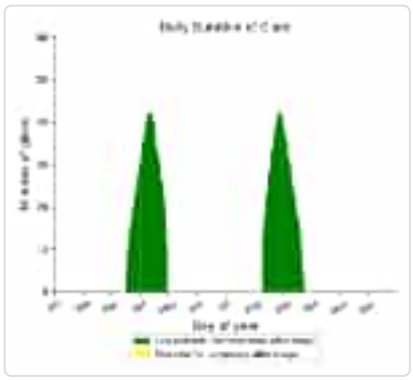


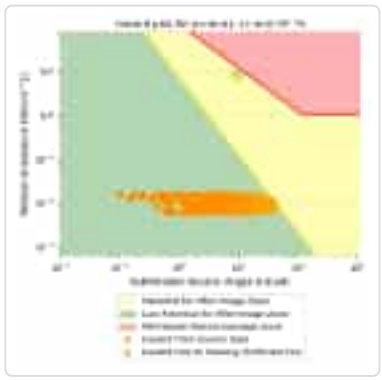
PV array 14: OP 76

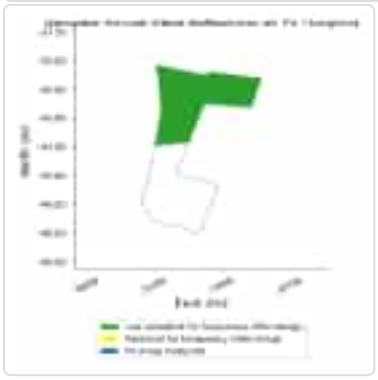
PV array is expected to produce the following glare for this receptor:

- 2,531 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





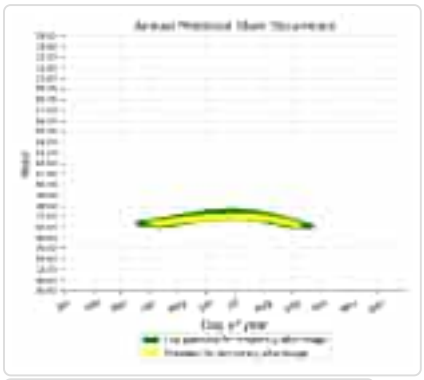


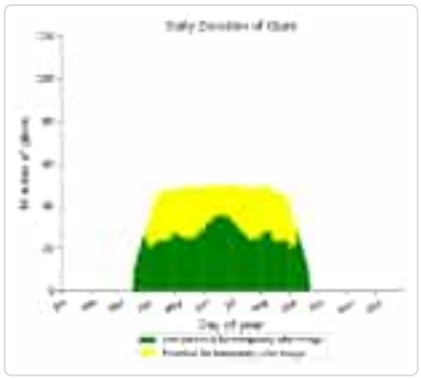


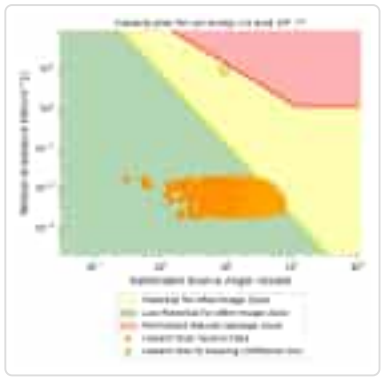
PV array 14: OP 77

PV array is expected to produce the following glare for this receptor:

- 4,805 minutes of "green" glare with low potential to cause temporary after-image.
- 3,263 minutes of "yellow" glare with potential to cause temporary after-image.



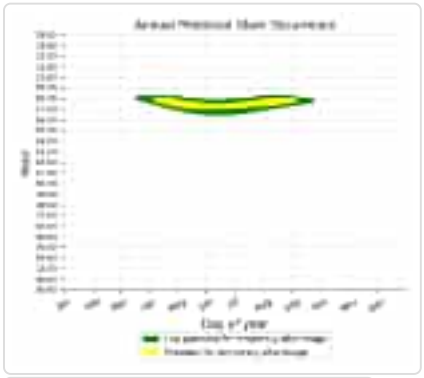


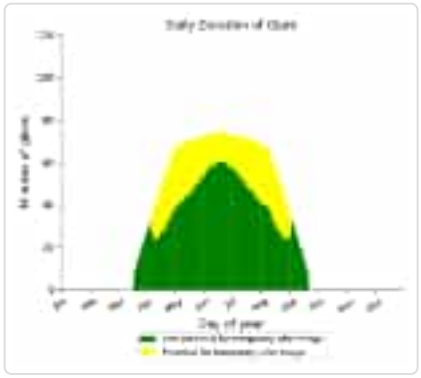


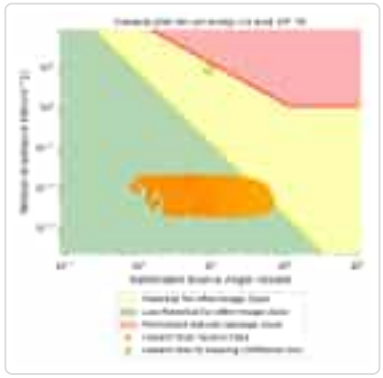
PV array 14: OP 78

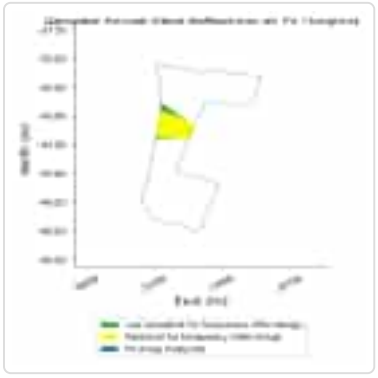
PV array is expected to produce the following glare for this receptor:

- 7,198 minutes of "green" glare with low potential to cause temporary after-image.
- 3,227 minutes of "yellow" glare with potential to cause temporary after-image.





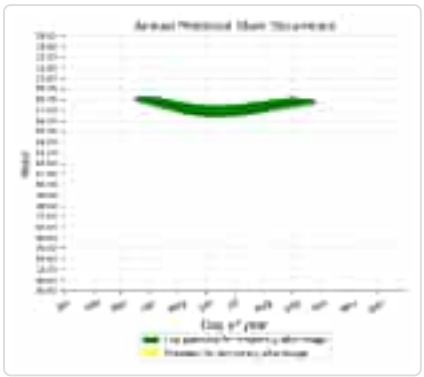


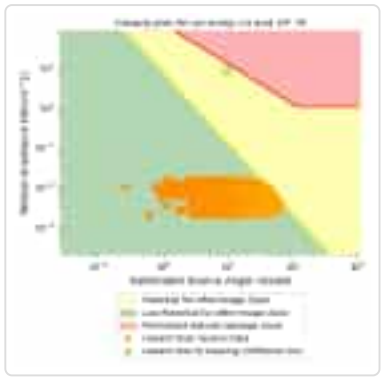


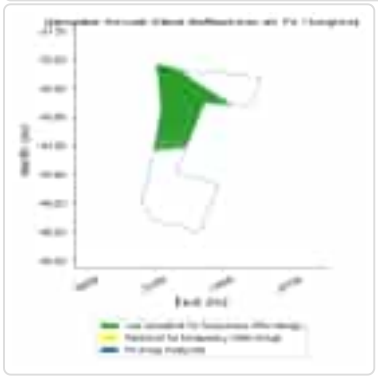
PV array 14: OP 79

PV array is expected to produce the following glare for this receptor:

- 8,064 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



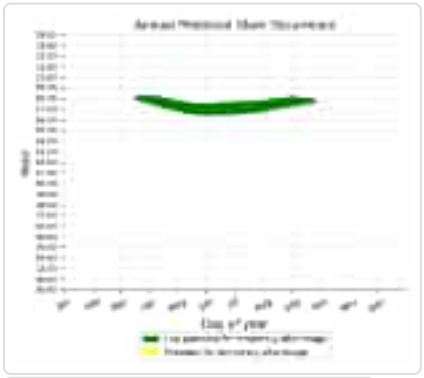


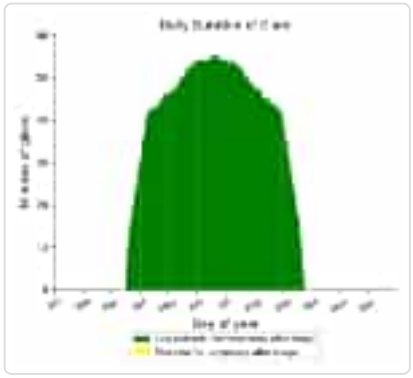


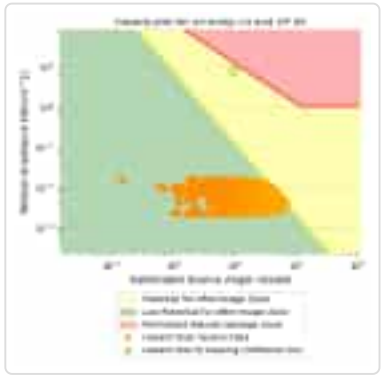
PV array 14: OP 80

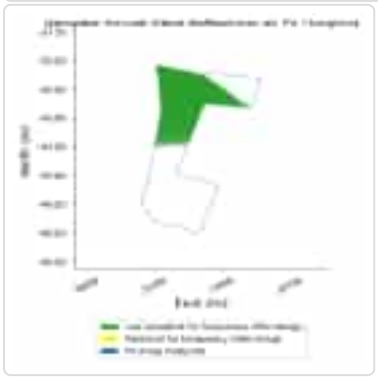
PV array is expected to produce the following glare for this receptor:

- 8,263 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 2 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0

OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	547	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	303	0
OP: OP 51	618	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0

OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

PV array 2: OP 1

No glare found

PV array 2: OP 2

No glare found

PV array 2: OP 3

No glare found

PV array 2: OP 4

No glare found

PV array 2: OP 5

No glare found

PV array 2: OP 6

No glare found

PV array 2: OP 7

No glare found

PV array 2: OP 8

No glare found

PV array 2: OP 9

No glare found

PV array 2: OP 10

No glare found

PV array 2: OP 11

No glare found

PV array 2: OP 12

No glare found

PV array 2: OP 13

No glare found

PV array 2: OP 14

No glare found

PV array 2: OP 15

No glare found

PV array 2: OP 16

No glare found

PV array 2: OP 17

No glare found

PV array 2: OP 18

No glare found

PV array 2: OP 19

No glare found

PV array 2: OP 20

No glare found

PV array 2: OP 21

No glare found

PV array 2: OP 22

No glare found

PV array 2: OP 23

No glare found

PV array 2: OP 24

No glare found

PV array 2: OP 25

No glare found

PV array 2: OP 26

No glare found

PV array 2: OP 27

No glare found

PV array 2: OP 28

No glare found

PV array 2: OP 29

No glare found

PV array 2: OP 30

No glare found

PV array 2: OP 31

No glare found

PV array 2: OP 32

No glare found

PV array 2: OP 33

No glare found

PV array 2: OP 34

No glare found

PV array 2: OP 35

No glare found

PV array 2: OP 36

No glare found

PV array 2: OP 37

No glare found

PV array 2: OP 38

No glare found

PV array 2: OP 39

No glare found

PV array 2: OP 40

No glare found

PV array 2: OP 41

No glare found

PV array 2: OP 42

No glare found

PV array 2: OP 43

No glare found

PV array 2: OP 44

No glare found

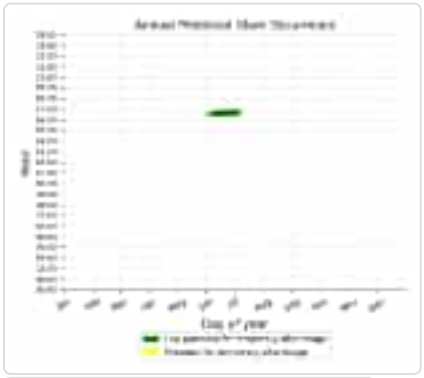
PV array 2: OP 45

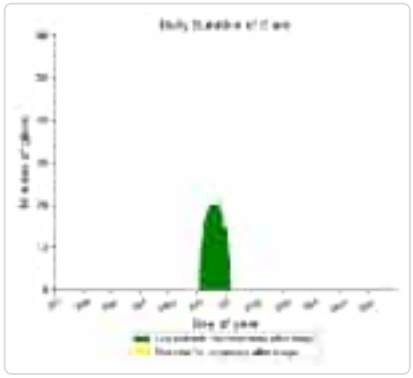
No glare found

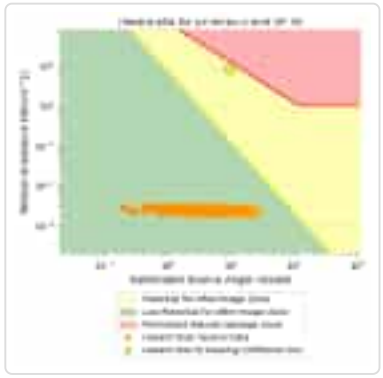
PV array 2: OP 46

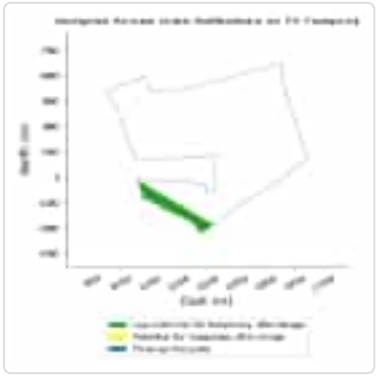
PV array is expected to produce the following glare for this receptor:

- 547 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 47

No glare found

PV array 2: OP 48

No glare found

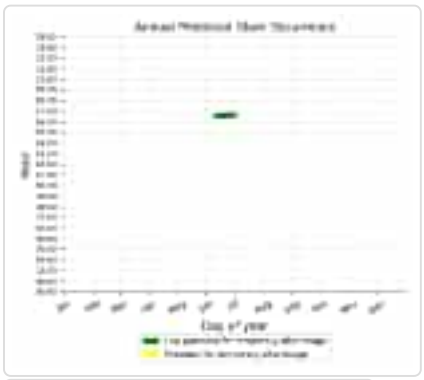
PV array 2: OP 49

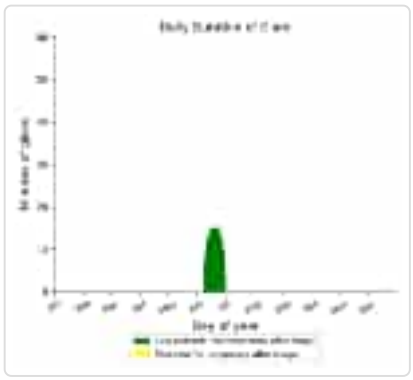
No glare found

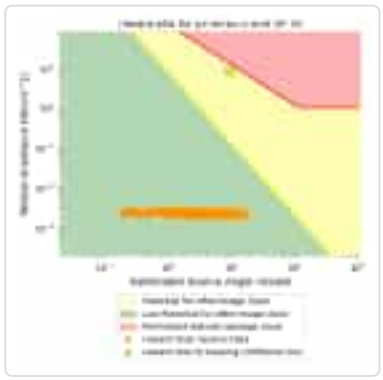
PV array 2: OP 50

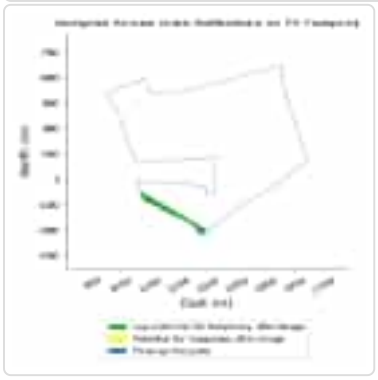
PV array is expected to produce the following glare for this receptor:

- 303 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





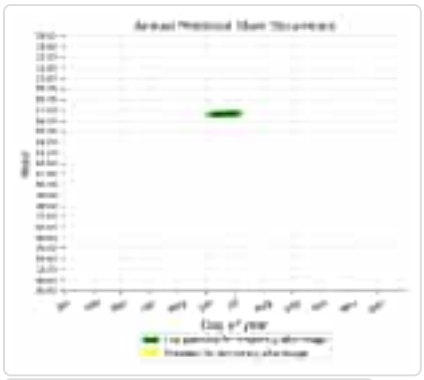


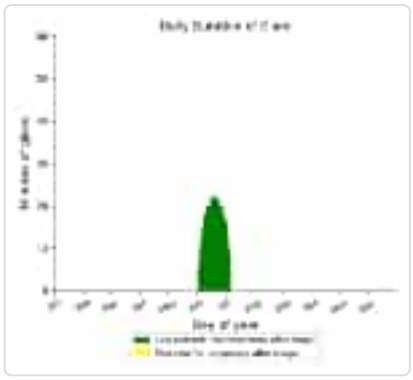


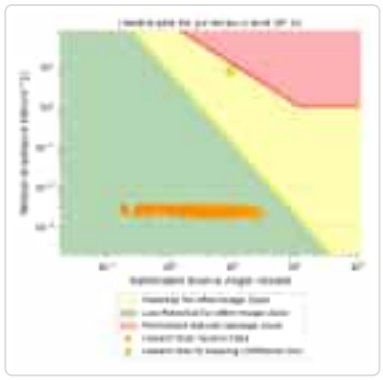
PV array 2: OP 51

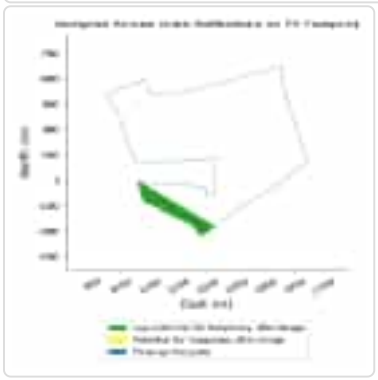
PV array is expected to produce the following glare for this receptor:

- 618 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 52

No glare found

PV array 2: OP 53

No glare found

PV array 2: OP 54

No glare found

PV array 2: OP 55

No glare found

PV array 2: OP 56

No glare found

PV array 2: OP 57

No glare found

PV array 2: OP 58

No glare found

PV array 2: OP 59

No glare found

PV array 2: OP 60

No glare found

PV array 2: OP 61

No glare found

PV array 2: OP 62

No glare found

PV array 2: OP 63

No glare found

PV array 2: OP 64

No glare found

PV array 2: OP 65

No glare found

PV array 2: OP 66

No glare found

PV array 2: OP 67

No glare found

PV array 2: OP 68

No glare found

PV array 2: OP 69

No glare found

PV array 2: OP 70

No glare found

PV array 2: OP 71

No glare found

PV array 2: OP 72

No glare found

PV array 2: OP 73

No glare found

PV array 2: OP 74

No glare found

PV array 2: OP 75

No glare found

PV array 2: OP 76

No glare found

PV array 2: OP 77

No glare found

PV array 2: OP 78

No glare found

PV array 2: OP 79

No glare found

PV array 2: OP 80

No glare found

PV array 3 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	2308	1049
OP: OP 2	2492	796
OP: OP 3	3105	155
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0

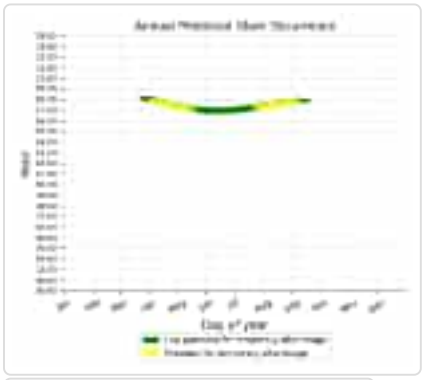
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	91	0
OP: OP 15	2157	0
OP: OP 16	2390	0
OP: OP 17	2174	0
OP: OP 18	1662	0
OP: OP 19	471	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	3109	379
OP: OP 38	3422	6
OP: OP 39	3337	93
OP: OP 40	3284	0
OP: OP 41	2733	0
OP: OP 42	1858	0
OP: OP 43	2218	0
OP: OP 44	2415	0
OP: OP 45	2384	0
OP: OP 46	3035	0
OP: OP 47	2908	0
OP: OP 48	2940	0
OP: OP 49	2679	0
OP: OP 50	2932	0
OP: OP 51	2832	0
OP: OP 52	2695	0
OP: OP 53	2621	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

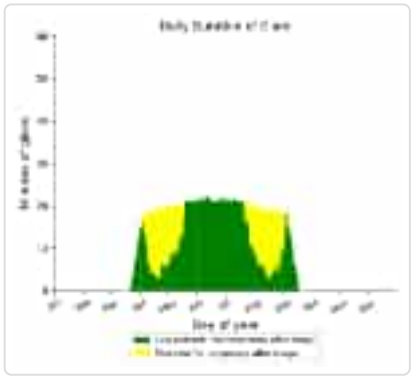
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	1257	0
OP: OP 70	1376	0
OP: OP 71	346	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

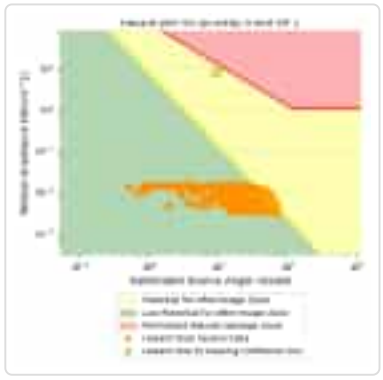
PV array 3: OP 1

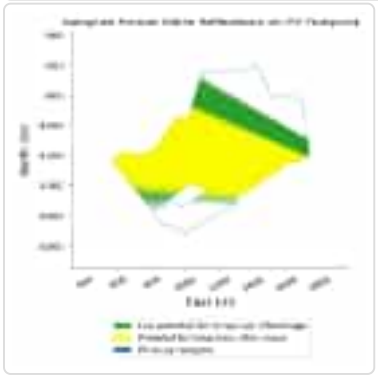
PV array is expected to produce the following glare for this receptor:

- 2,308 minutes of "green" glare with low potential to cause temporary after-image.
- 1,049 minutes of "yellow" glare with potential to cause temporary after-image.





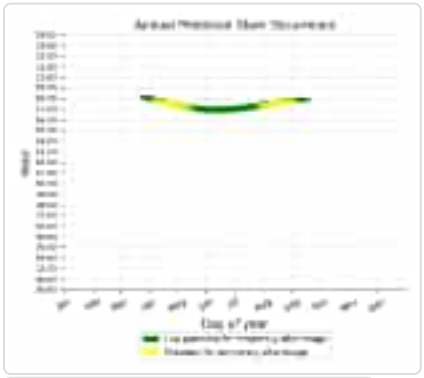


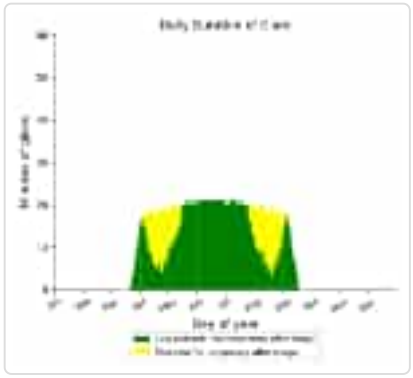


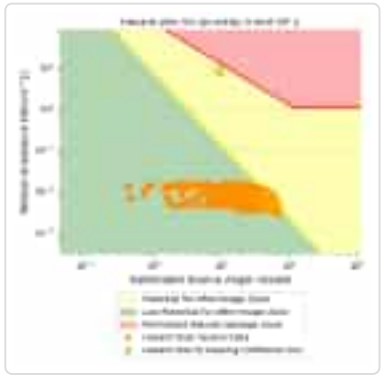
PV array 3: OP 2

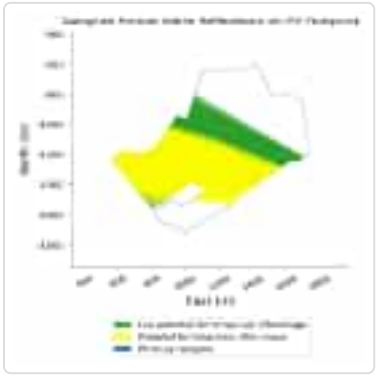
PV array is expected to produce the following glare for this receptor:

- 2,492 minutes of "green" glare with low potential to cause temporary after-image.
- 796 minutes of "yellow" glare with potential to cause temporary after-image.





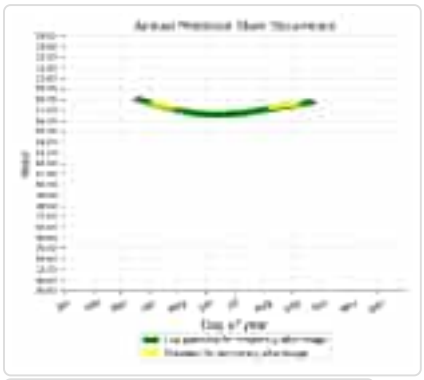


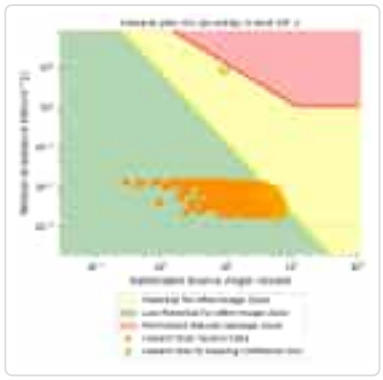


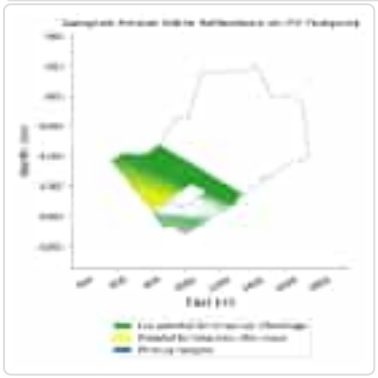
PV array 3: OP 3

PV array is expected to produce the following glare for this receptor:

- 3,105 minutes of "green" glare with low potential to cause temporary after-image.
- 155 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 3: OP 4

No glare found

PV array 3: OP 5

No glare found

PV array 3: OP 6

No glare found

PV array 3: OP 7

No glare found

PV array 3: OP 8

No glare found

PV array 3: OP 9

No glare found

PV array 3: OP 10

No glare found

PV array 3: OP 11

No glare found

PV array 3: OP 12

No glare found

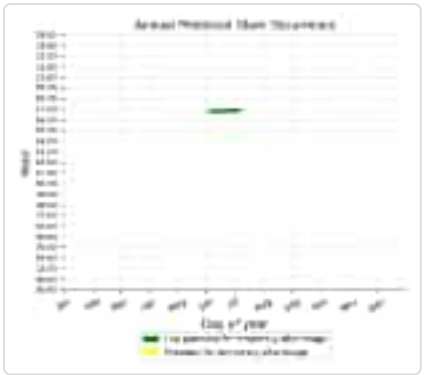
PV array 3: OP 13

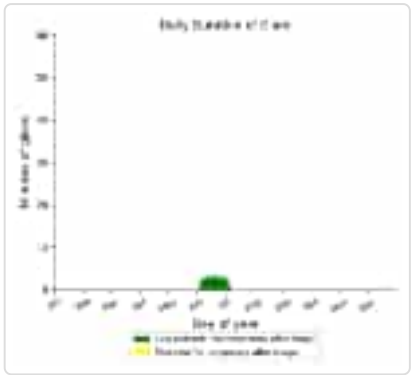
No glare found

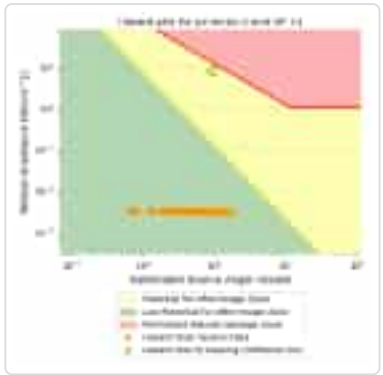
PV array 3: OP 14

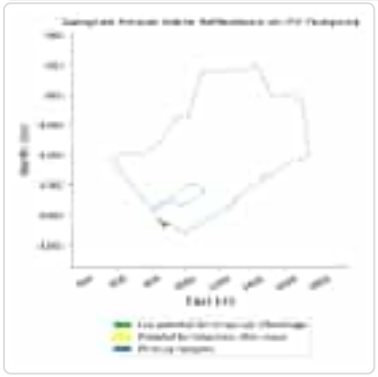
PV array is expected to produce the following glare for this receptor:

- 91 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





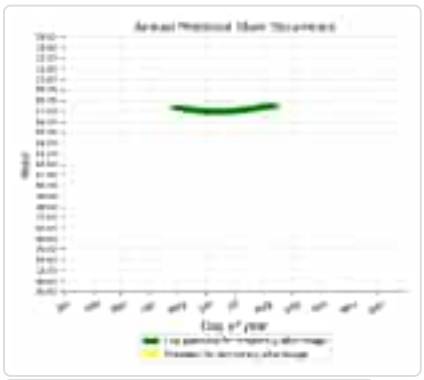


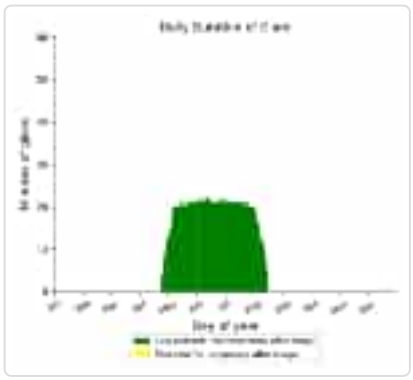


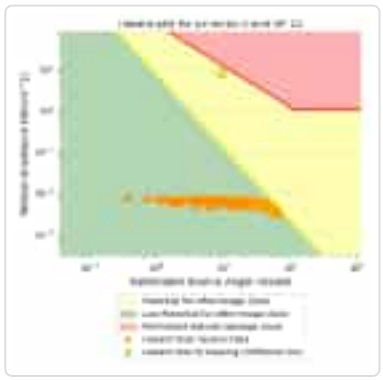
PV array 3: OP 15

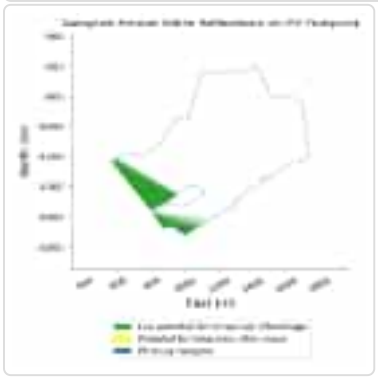
PV array is expected to produce the following glare for this receptor:

- 2,157 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





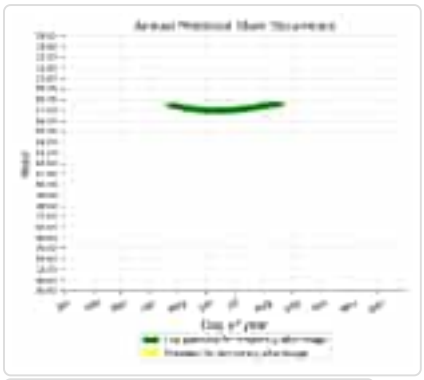


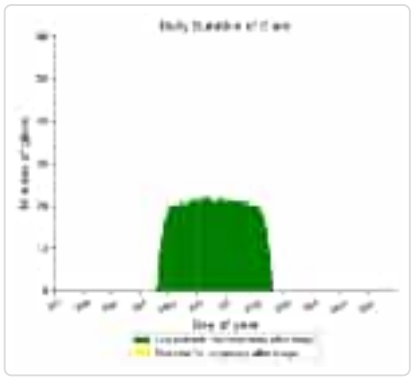


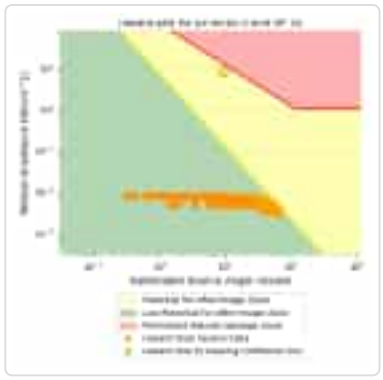
PV array 3: OP 16

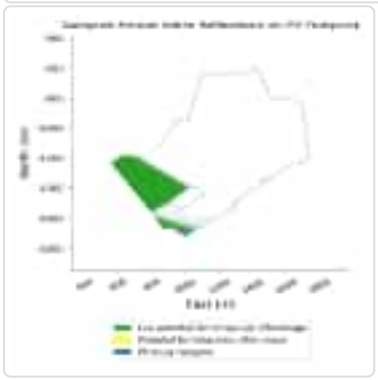
PV array is expected to produce the following glare for this receptor:

- 2,390 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





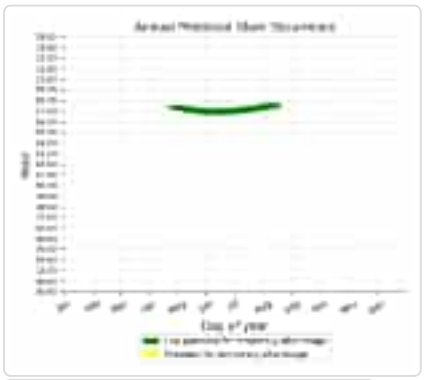


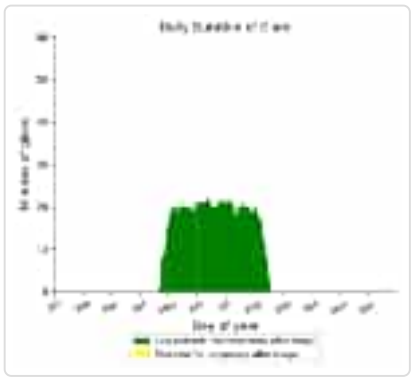


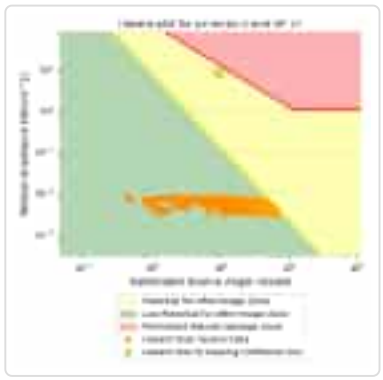
PV array 3: OP 17

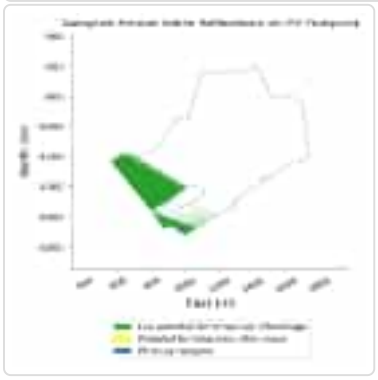
PV array is expected to produce the following glare for this receptor:

- 2,174 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





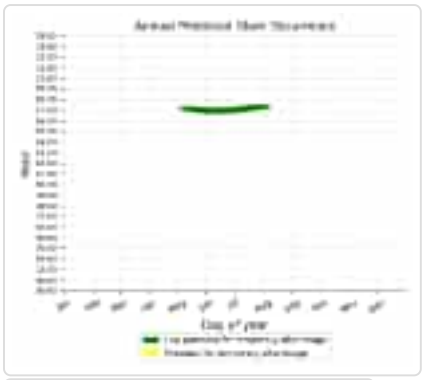


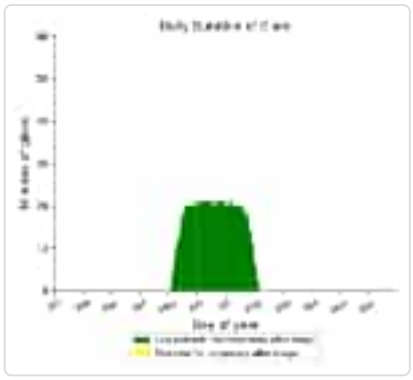


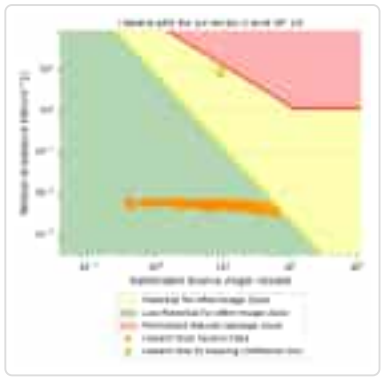
PV array 3: OP 18

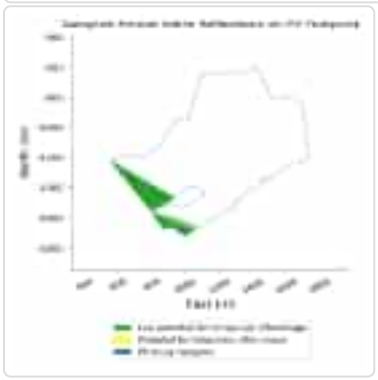
PV array is expected to produce the following glare for this receptor:

- 1,662 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





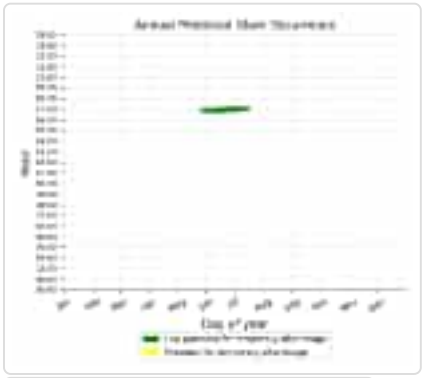


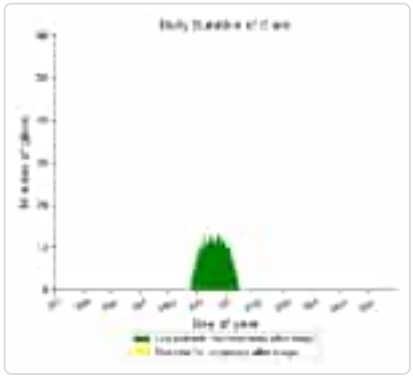


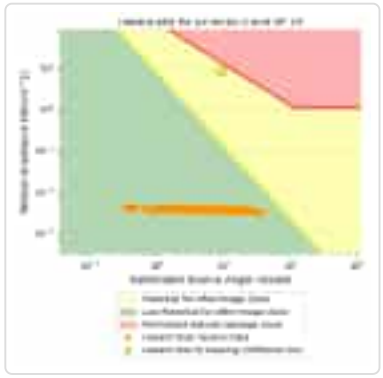
PV array 3: OP 19

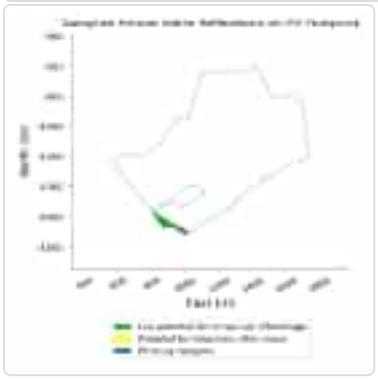
PV array is expected to produce the following glare for this receptor:

- 471 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 20

No glare found

PV array 3: OP 21

No glare found

PV array 3: OP 22

No glare found

PV array 3: OP 23

No glare found

PV array 3: OP 24

No glare found

PV array 3: OP 25

No glare found

PV array 3: OP 26

No glare found

PV array 3: OP 27

No glare found

PV array 3: OP 28

No glare found

PV array 3: OP 29

No glare found

PV array 3: OP 30

No glare found

PV array 3: OP 31

No glare found

PV array 3: OP 32

No glare found

PV array 3: OP 33

No glare found

PV array 3: OP 34

No glare found

PV array 3: OP 35

No glare found

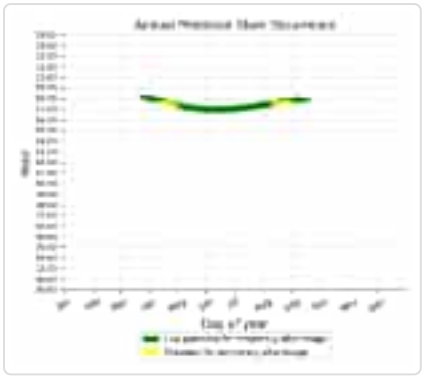
PV array 3: OP 36

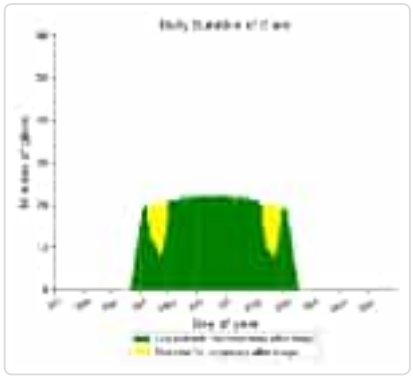
No glare found

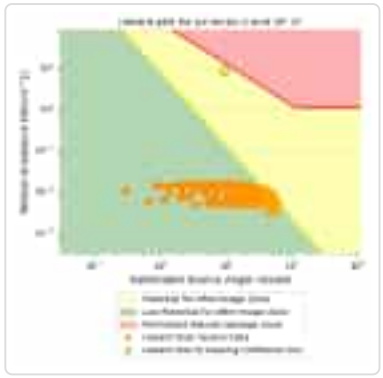
PV array 3: OP 37

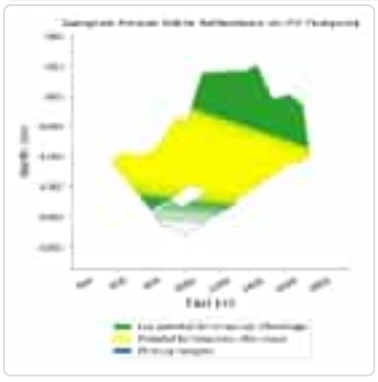
PV array is expected to produce the following glare for this receptor:

- 3,109 minutes of "green" glare with low potential to cause temporary after-image.
- 379 minutes of "yellow" glare with potential to cause temporary after-image.





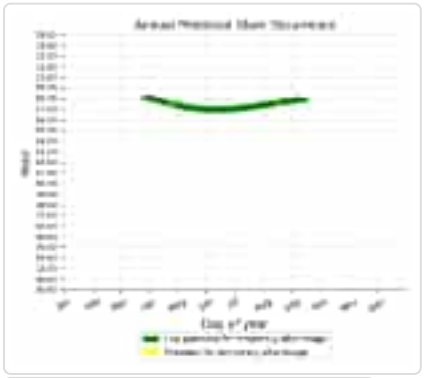


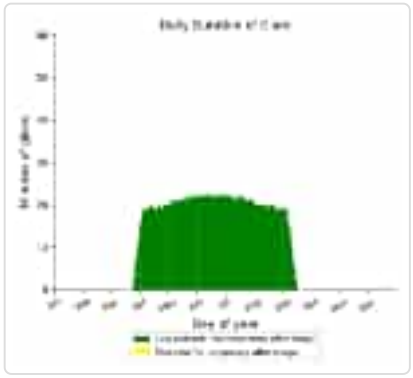


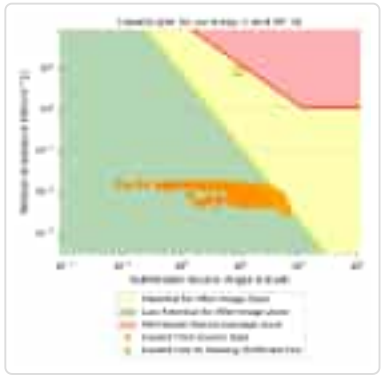
PV array 3: OP 38

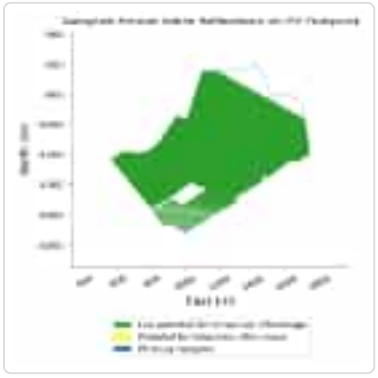
PV array is expected to produce the following glare for this receptor:

- 3,422 minutes of "green" glare with low potential to cause temporary after-image.
- 6 minutes of "yellow" glare with potential to cause temporary after-image.





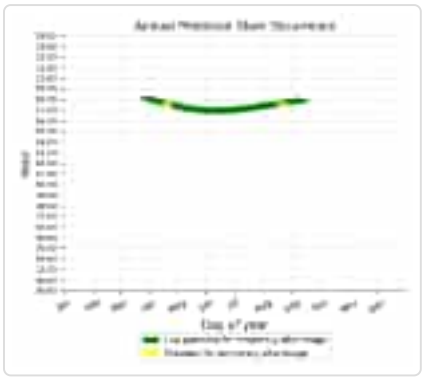


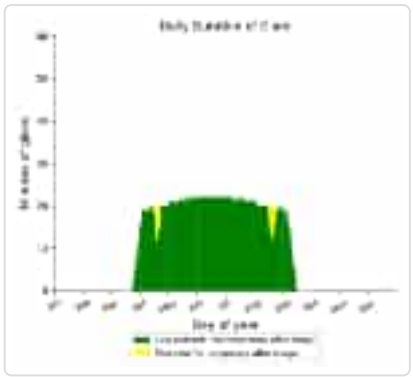


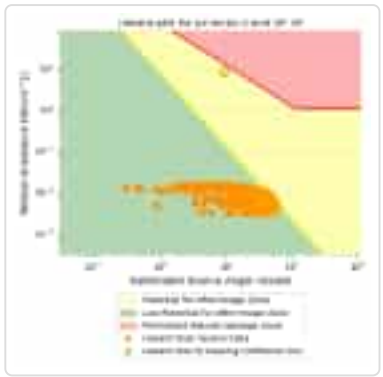
PV array 3: OP 39

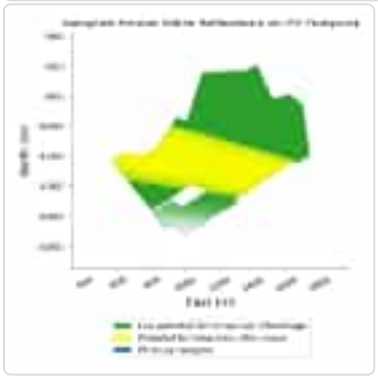
PV array is expected to produce the following glare for this receptor:

- 3,337 minutes of "green" glare with low potential to cause temporary after-image.
- 93 minutes of "yellow" glare with potential to cause temporary after-image.





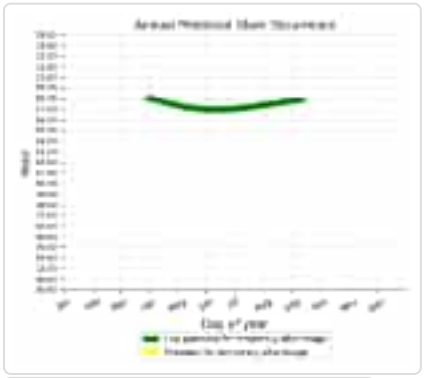


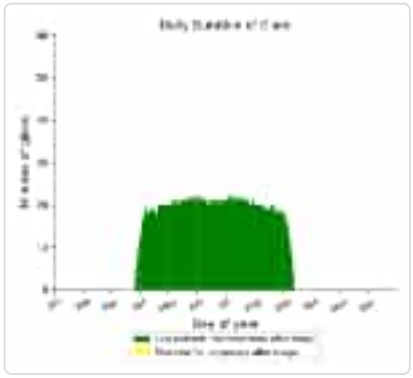


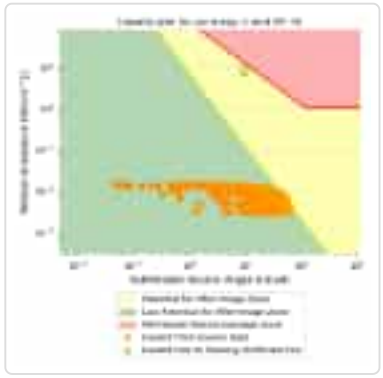
PV array 3: OP 40

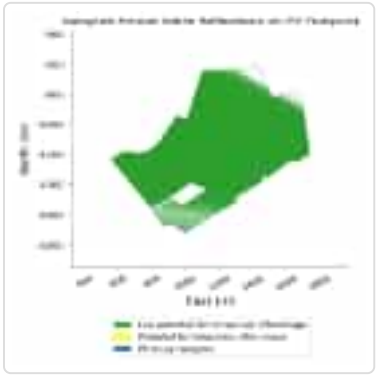
PV array is expected to produce the following glare for this receptor:

- 3,284 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





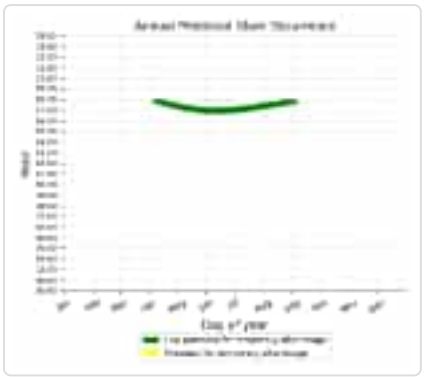


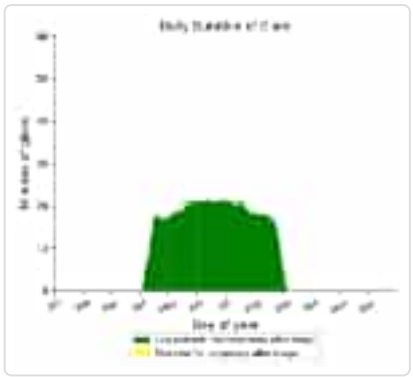


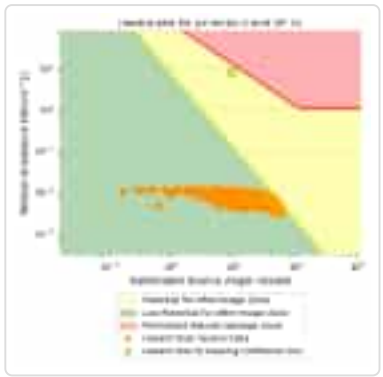
PV array 3: OP 41

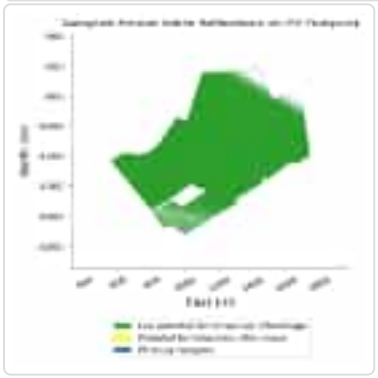
PV array is expected to produce the following glare for this receptor:

- 2,733 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





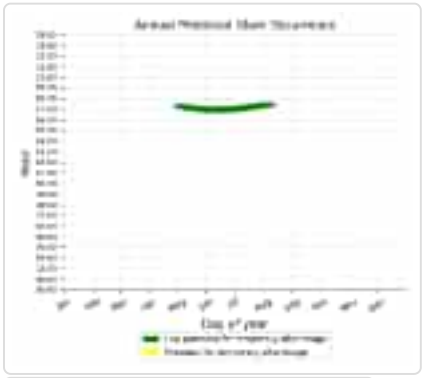


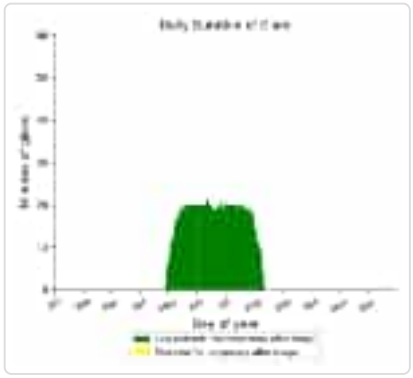


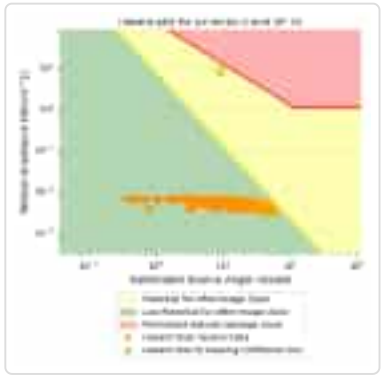
PV array 3: OP 42

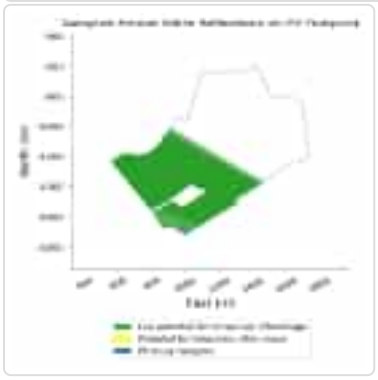
PV array is expected to produce the following glare for this receptor:

- 1,858 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





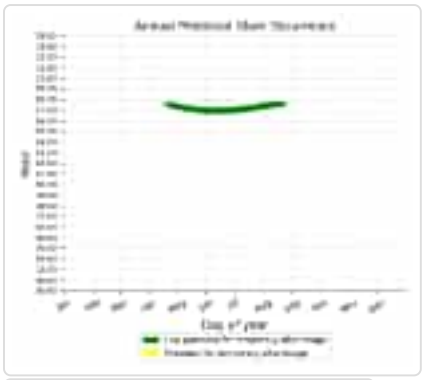


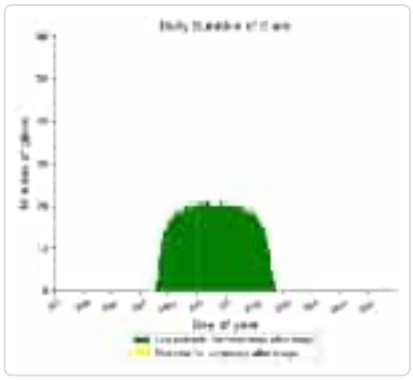


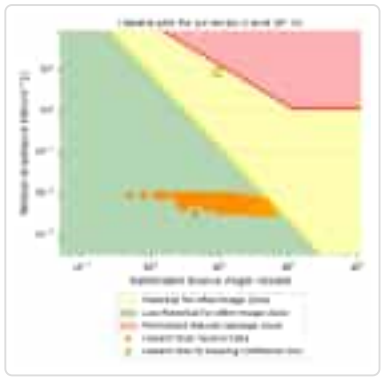
PV array 3: OP 43

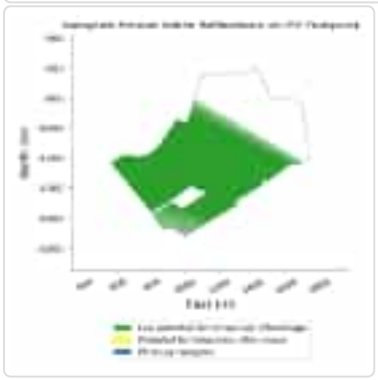
PV array is expected to produce the following glare for this receptor:

- 2,218 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





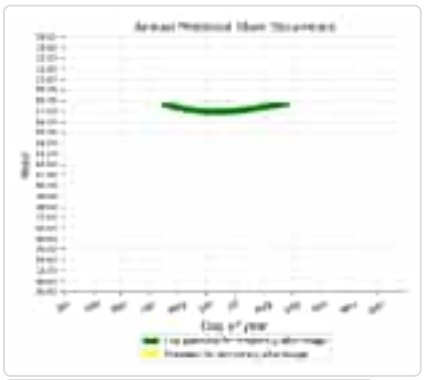


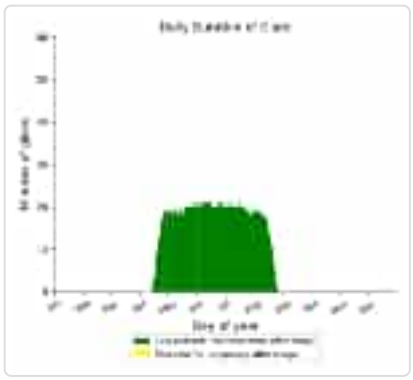


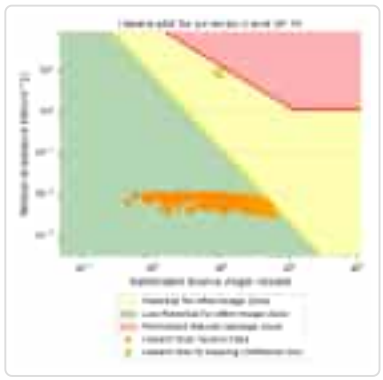
PV array 3: OP 44

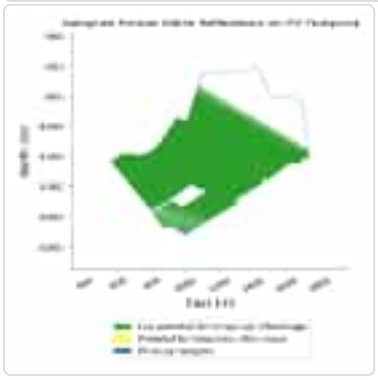
PV array is expected to produce the following glare for this receptor:

- 2,415 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





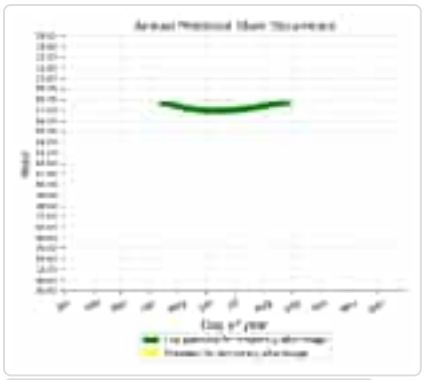


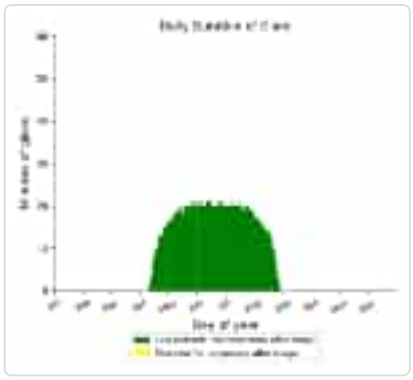


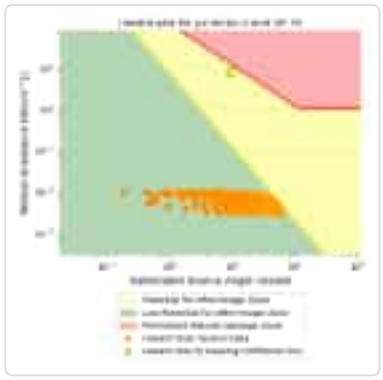
PV array 3: OP 45

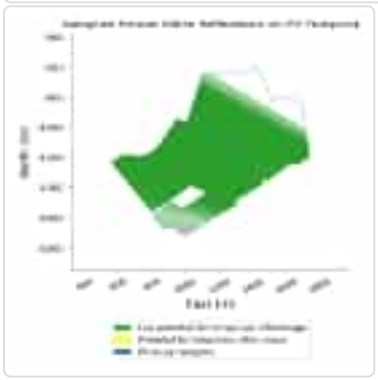
PV array is expected to produce the following glare for this receptor:

- 2,384 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





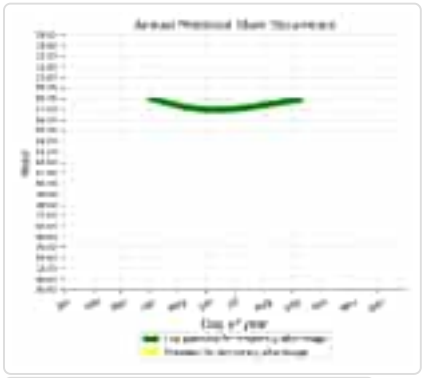


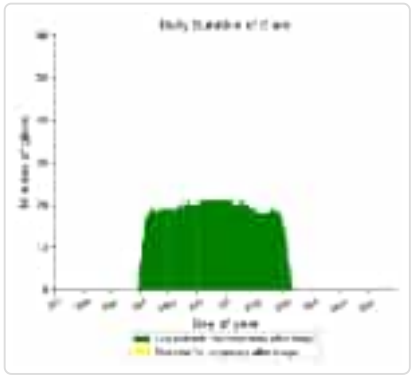


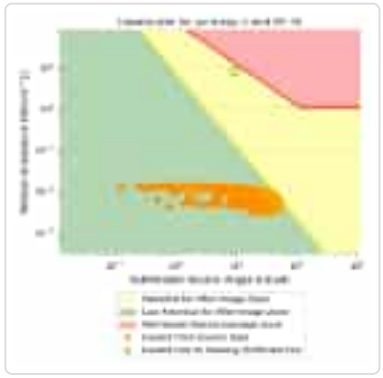
PV array 3: OP 46

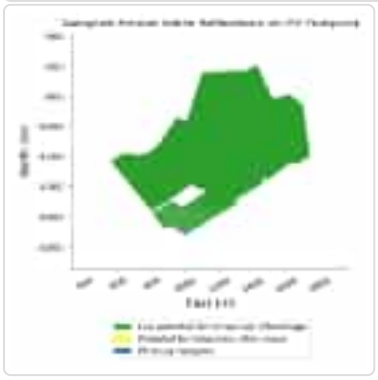
PV array is expected to produce the following glare for this receptor:

- 3,035 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





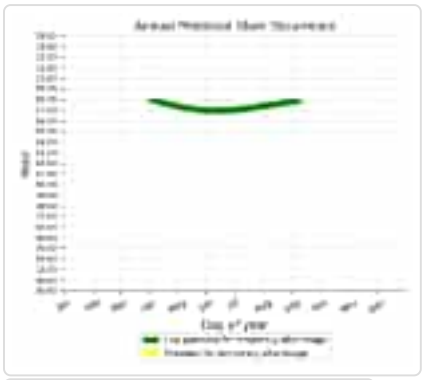


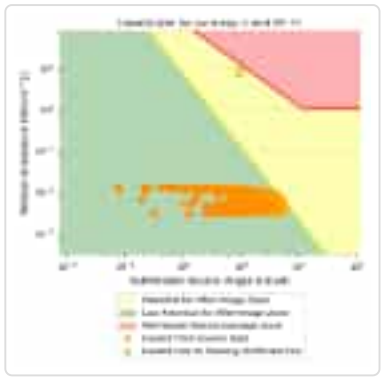


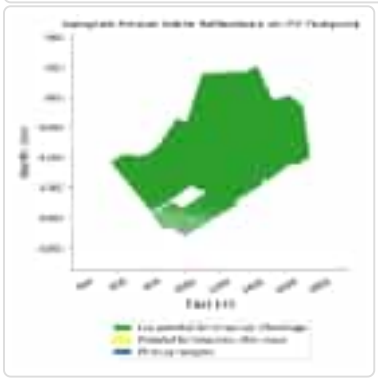
PV array 3: OP 47

PV array is expected to produce the following glare for this receptor:

- 2,908 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



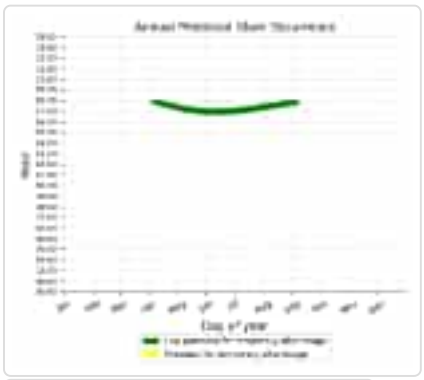


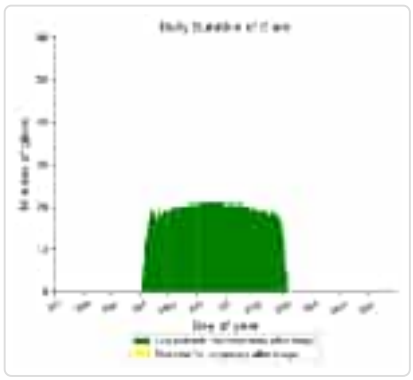


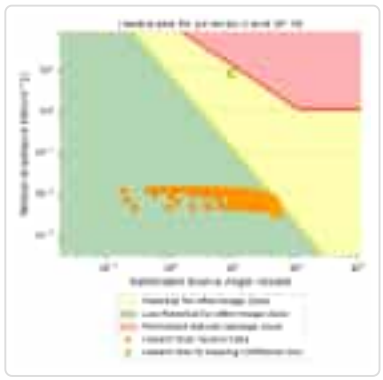
PV array 3: OP 48

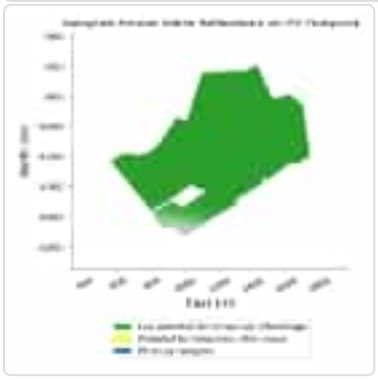
PV array is expected to produce the following glare for this receptor:

- 2,940 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





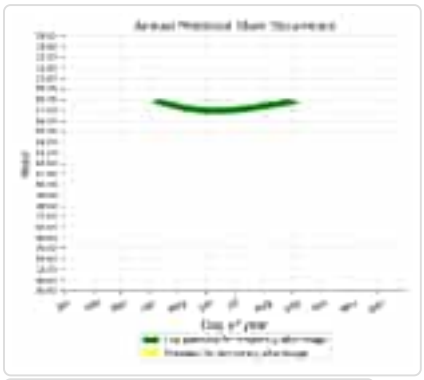


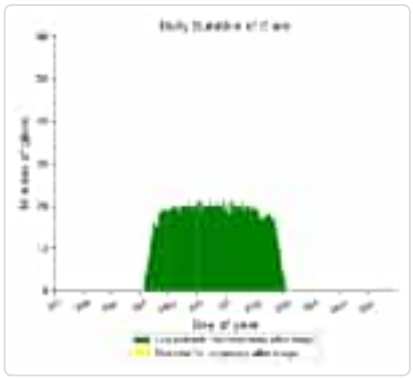


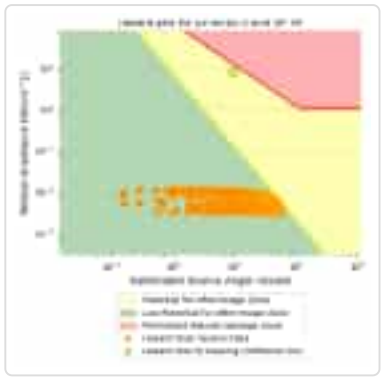
PV array 3: OP 49

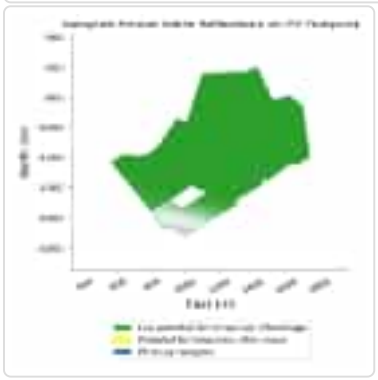
PV array is expected to produce the following glare for this receptor:

- 2,679 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





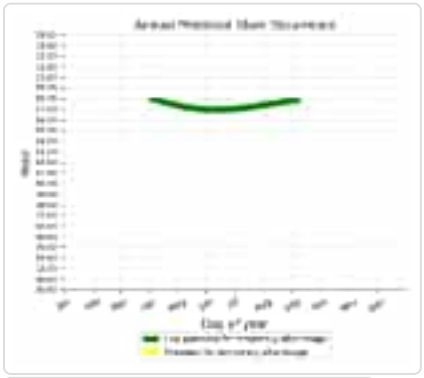


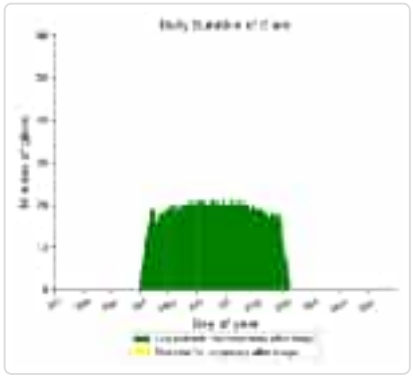


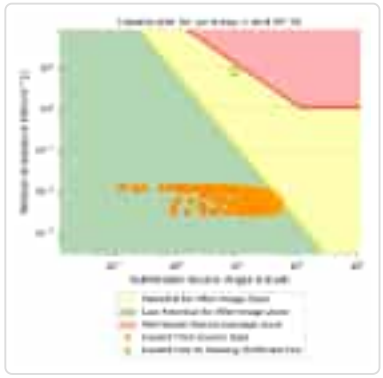
PV array 3: OP 50

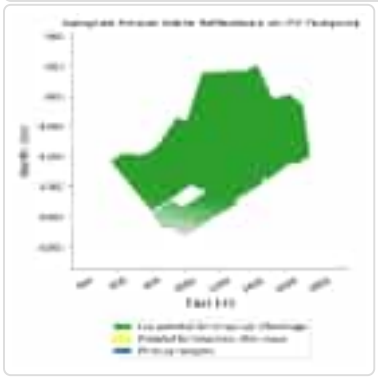
PV array is expected to produce the following glare for this receptor:

- 2,932 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





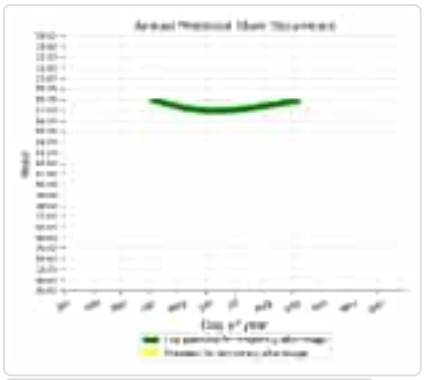


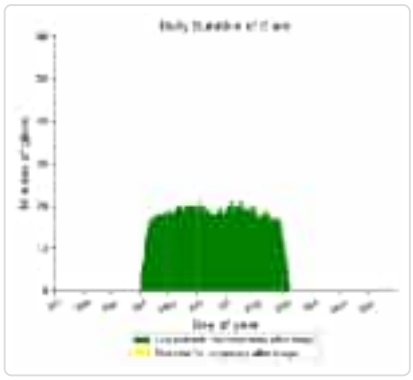


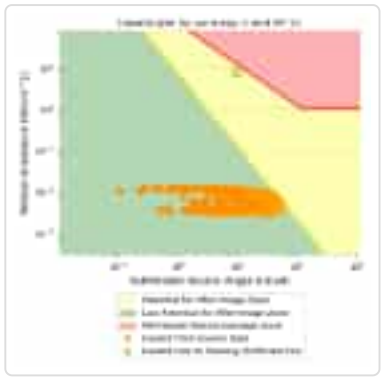
PV array 3: OP 51

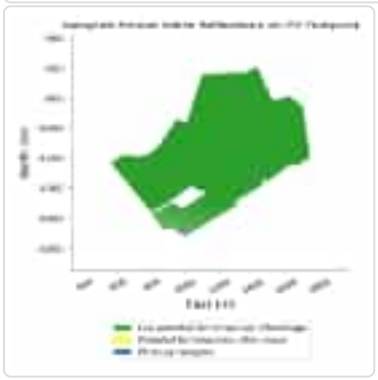
PV array is expected to produce the following glare for this receptor:

- 2,832 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





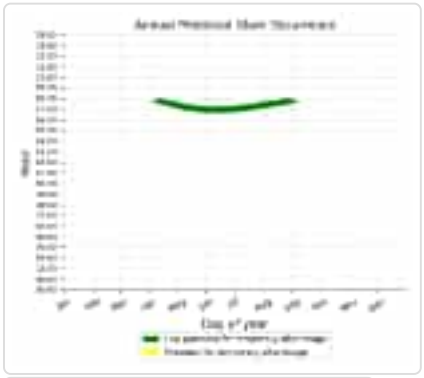


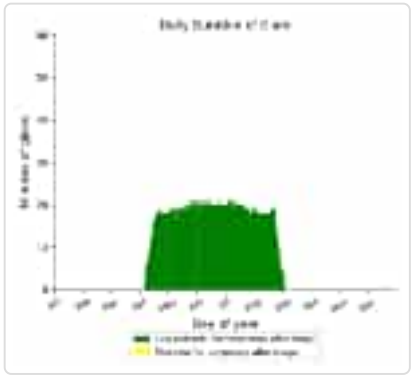


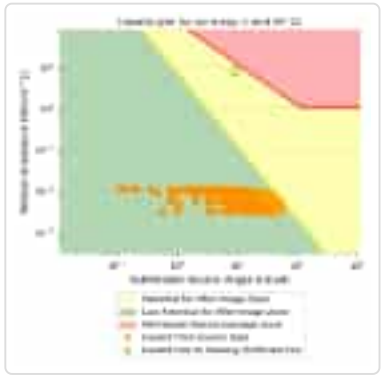
PV array 3: OP 52

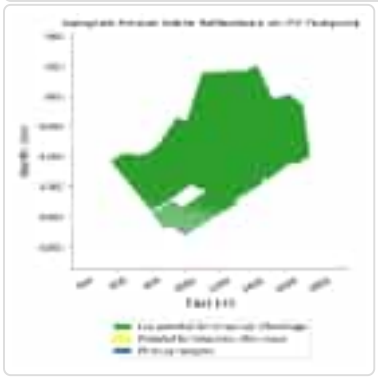
PV array is expected to produce the following glare for this receptor:

- 2,695 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





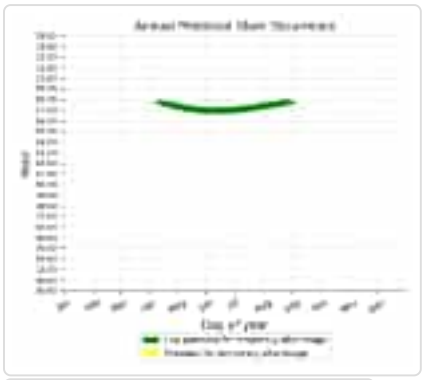


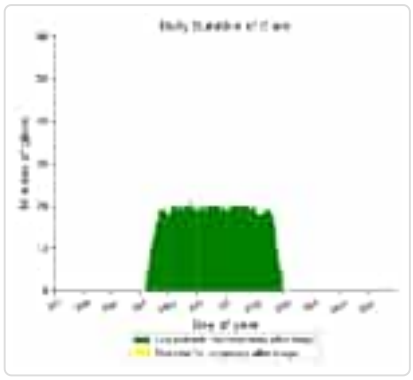


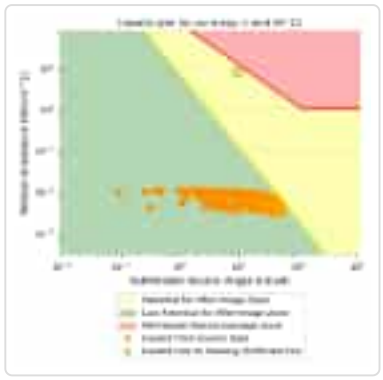
PV array 3: OP 53

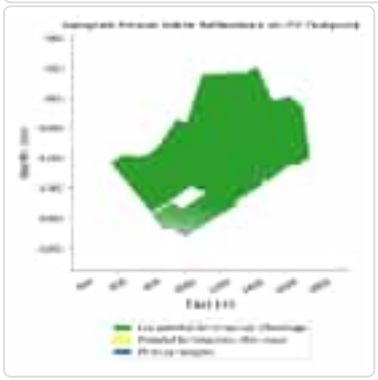
PV array is expected to produce the following glare for this receptor:

- 2,621 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 54

No glare found

PV array 3: OP 55

No glare found

PV array 3: OP 56

No glare found

PV array 3: OP 57

No glare found

PV array 3: OP 58

No glare found

PV array 3: OP 59

No glare found

PV array 3: OP 60

No glare found

PV array 3: OP 61

No glare found

PV array 3: OP 62

No glare found

PV array 3: OP 63

No glare found

PV array 3: OP 64

No glare found

PV array 3: OP 65

No glare found

PV array 3: OP 66

No glare found

PV array 3: OP 67

No glare found

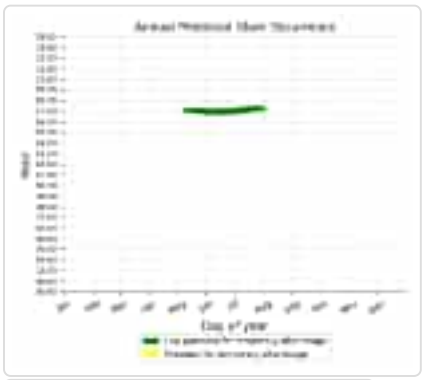
PV array 3: OP 68

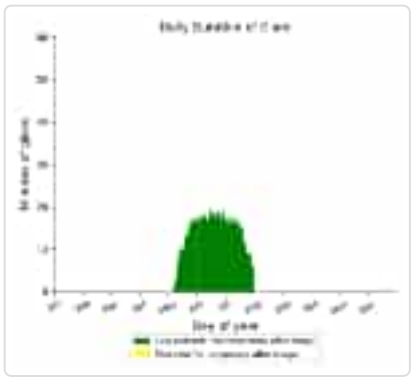
No glare found

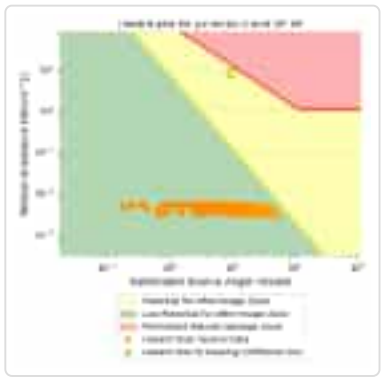
PV array 3: OP 69

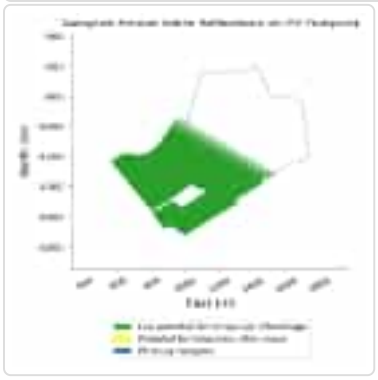
PV array is expected to produce the following glare for this receptor:

- 1,257 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





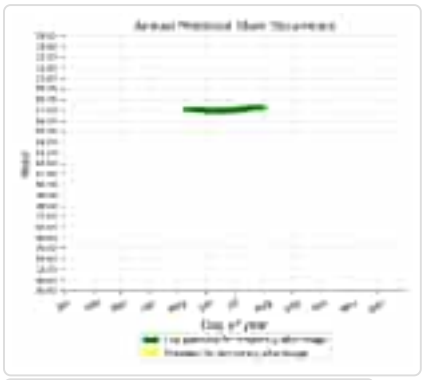


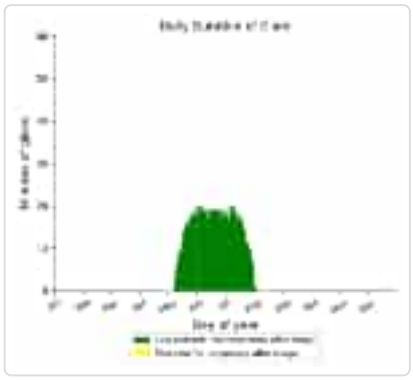


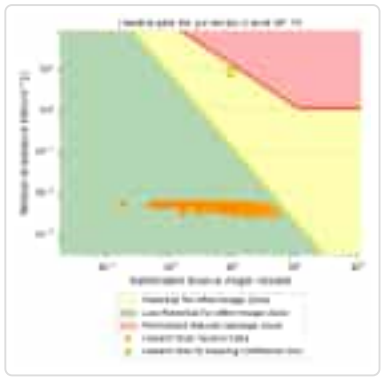
PV array 3: OP 70

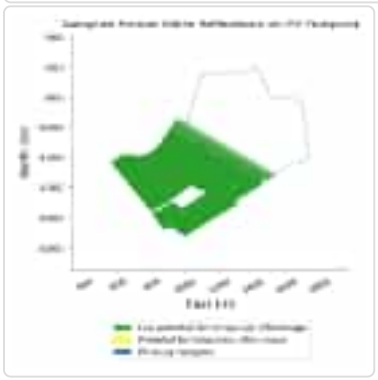
PV array is expected to produce the following glare for this receptor:

- 1,376 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





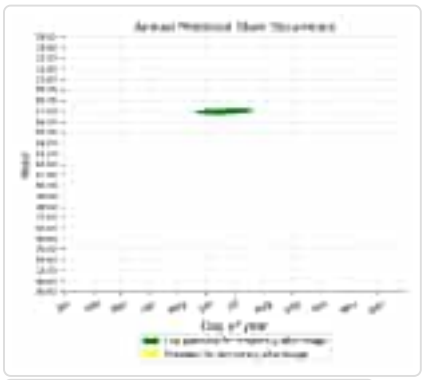


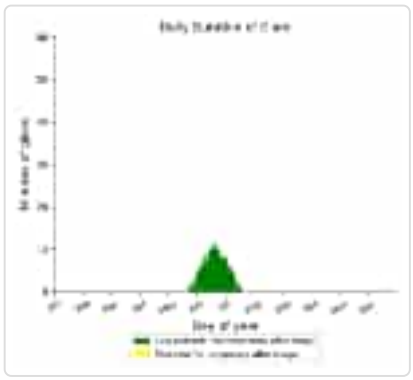


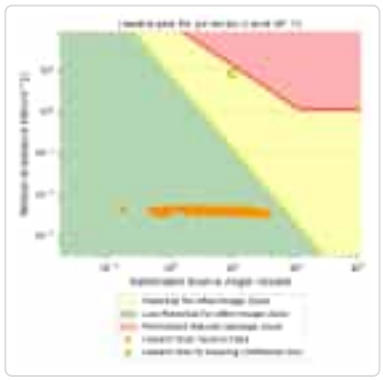
PV array 3: OP 71

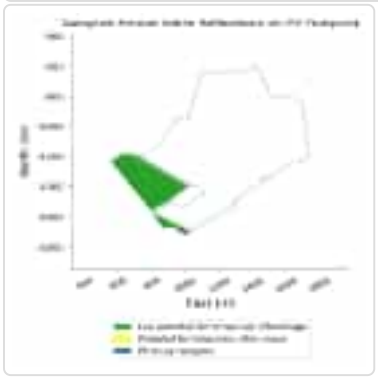
PV array is expected to produce the following glare for this receptor:

- 346 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 72

No glare found

PV array 3: OP 73

No glare found

PV array 3: OP 74

No glare found

PV array 3: OP 75

No glare found

PV array 3: OP 76

No glare found

PV array 3: OP 77

No glare found

PV array 3: OP 78

No glare found

PV array 3: OP 79

No glare found

PV array 3: OP 80

No glare found

PV array 4 low potential for temporary after-image

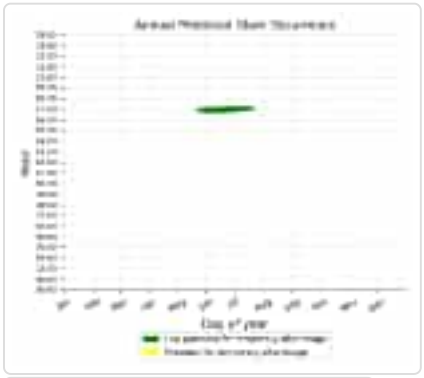
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	781	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	2132	0
OP: OP 38	1335	0
OP: OP 39	1869	0
OP: OP 40	1420	0
OP: OP 41	1051	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	368	0
OP: OP 46	1663	0
OP: OP 47	1684	0
OP: OP 48	1415	0
OP: OP 49	1317	0

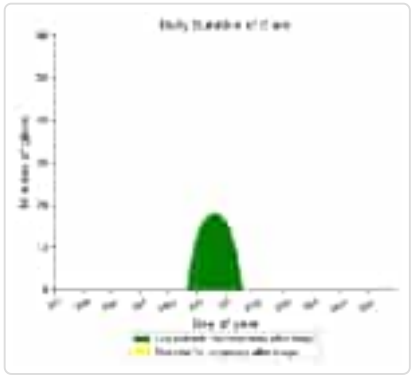
OP: OP 50	1662	0
OP: OP 51	1658	0
OP: OP 52	1536	0
OP: OP 53	1338	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

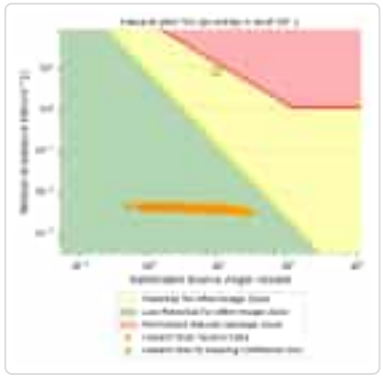
PV array 4: OP 1

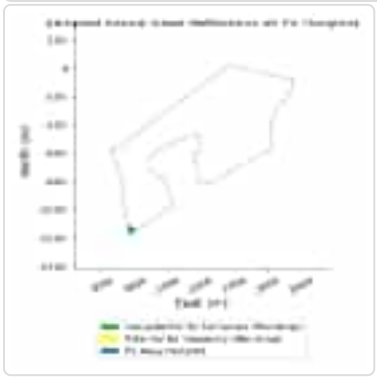
PV array is expected to produce the following glare for this receptor:

- 781 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 2

No glare found

PV array 4: OP 3

No glare found

PV array 4: OP 4

No glare found

PV array 4: OP 5

No glare found

PV array 4: OP 6

No glare found

PV array 4: OP 7

No glare found

PV array 4: OP 8

No glare found

PV array 4: OP 9

No glare found

PV array 4: OP 10

No glare found

PV array 4: OP 11

No glare found

PV array 4: OP 12

No glare found

PV array 4: OP 13

No glare found

PV array 4: OP 14

No glare found

PV array 4: OP 15

No glare found

PV array 4: OP 16

No glare found

PV array 4: OP 17

No glare found

PV array 4: OP 18

No glare found

PV array 4: OP 19

No glare found

PV array 4: OP 20

No glare found

PV array 4: OP 21

No glare found

PV array 4: OP 22

No glare found

PV array 4: OP 23

No glare found

PV array 4: OP 24

No glare found

PV array 4: OP 25

No glare found

PV array 4: OP 26

No glare found

PV array 4: OP 27

No glare found

PV array 4: OP 28

No glare found

PV array 4: OP 29

No glare found

PV array 4: OP 30

No glare found

PV array 4: OP 31

No glare found

PV array 4: OP 32

No glare found

PV array 4: OP 33

No glare found

PV array 4: OP 34

No glare found

PV array 4: OP 35

No glare found

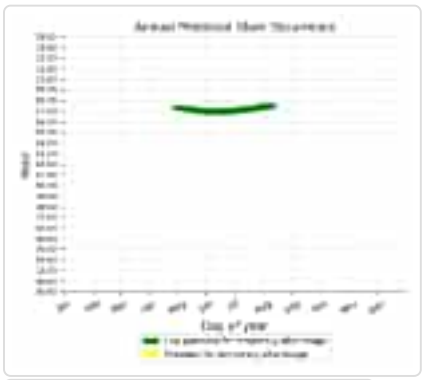
PV array 4: OP 36

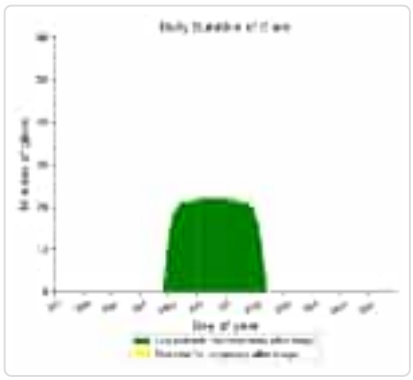
No glare found

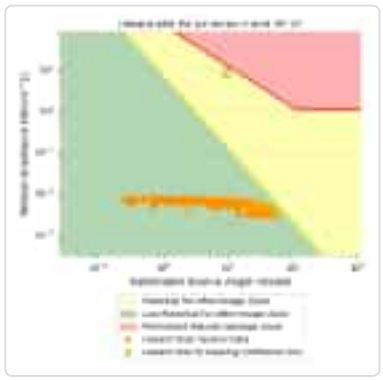
PV array 4: OP 37

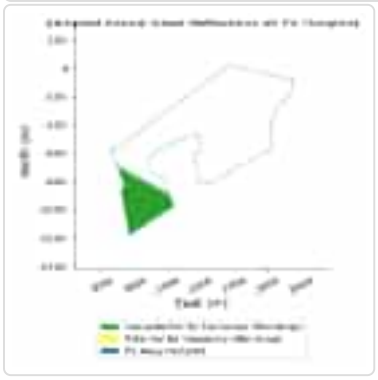
PV array is expected to produce the following glare for this receptor:

- 2,132 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





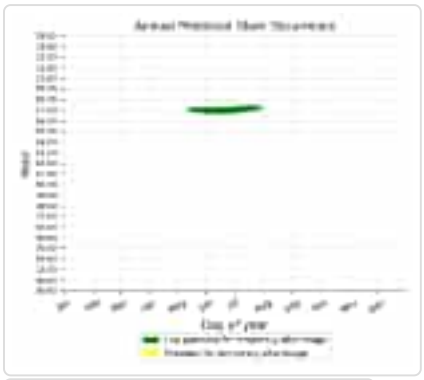


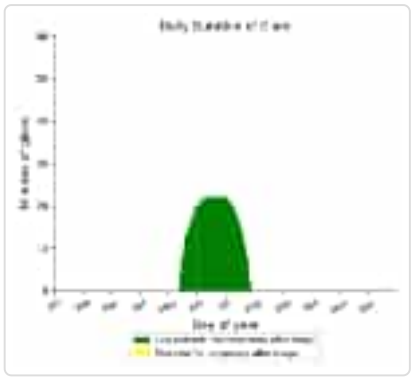


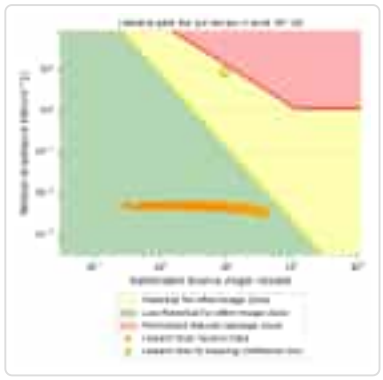
PV array 4: OP 38

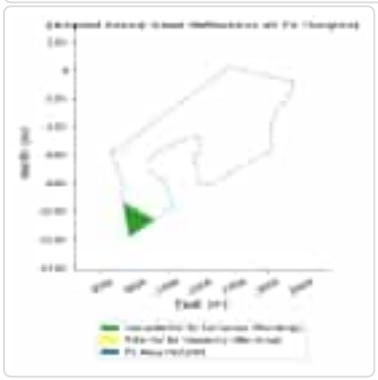
PV array is expected to produce the following glare for this receptor:

- 1,335 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





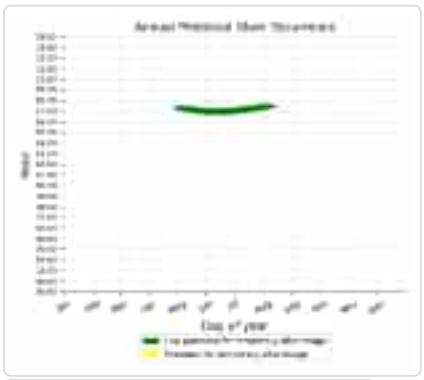


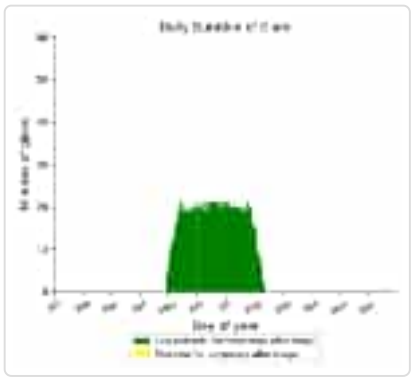


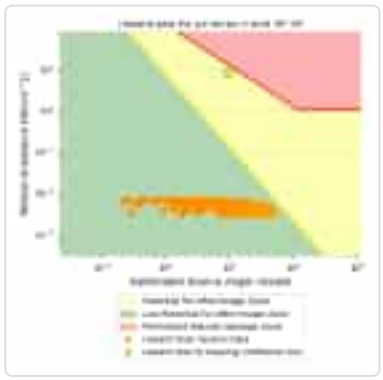
PV array 4: OP 39

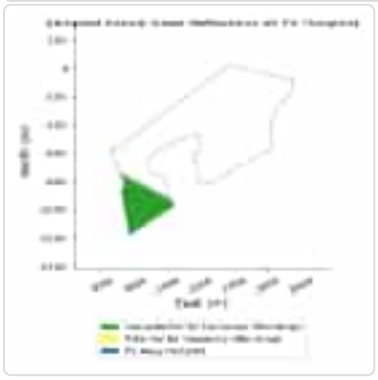
PV array is expected to produce the following glare for this receptor:

- 1,869 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





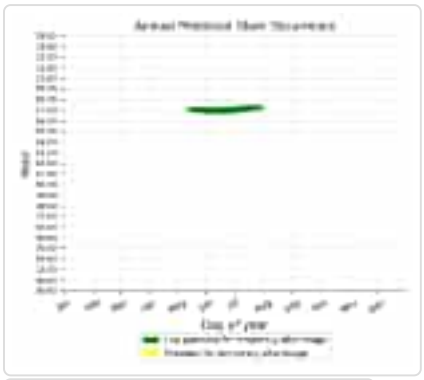


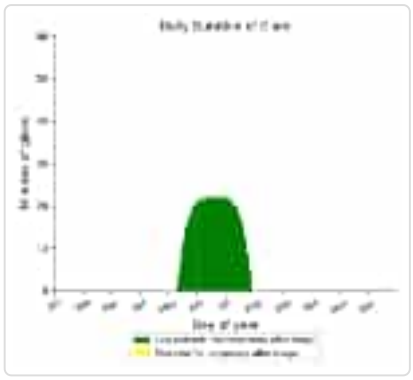


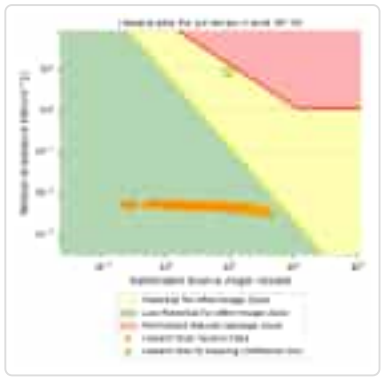
PV array 4: OP 40

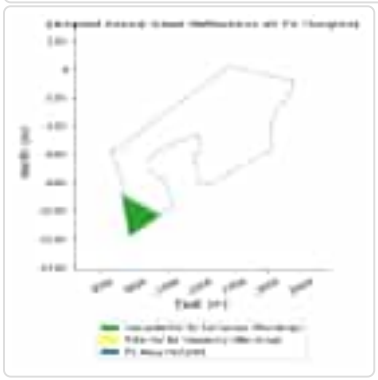
PV array is expected to produce the following glare for this receptor:

- 1,420 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





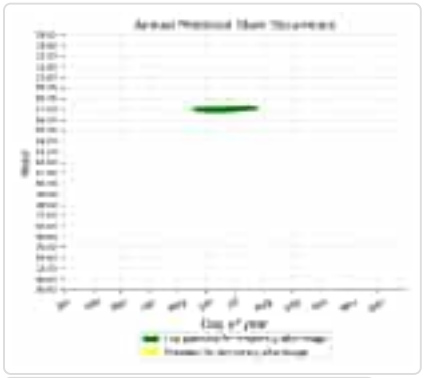


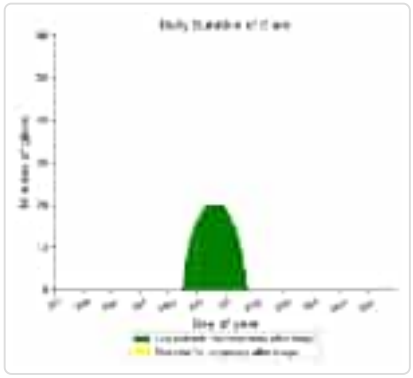


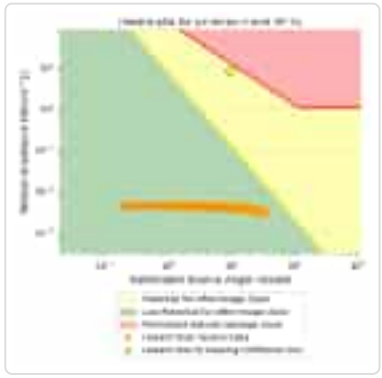
PV array 4: OP 41

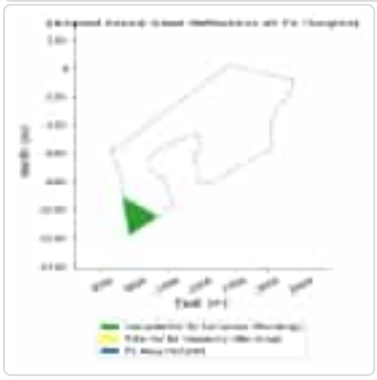
PV array is expected to produce the following glare for this receptor:

- 1,051 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 42

No glare found

PV array 4: OP 43

No glare found

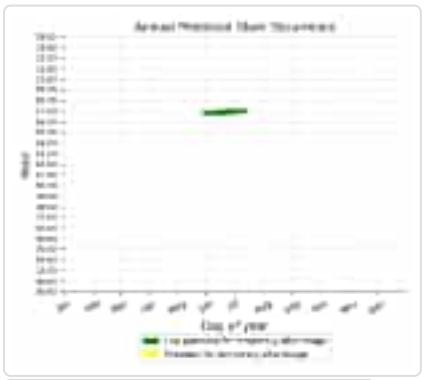
PV array 4: OP 44

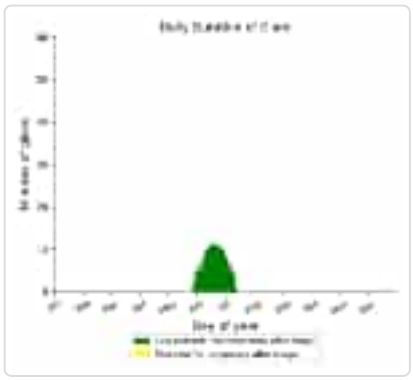
No glare found

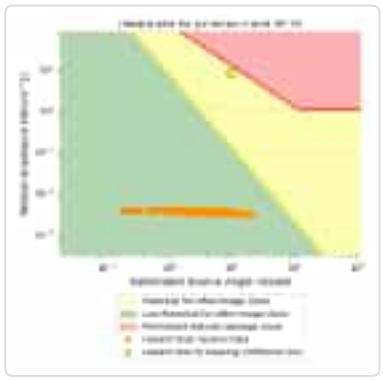
PV array 4: OP 45

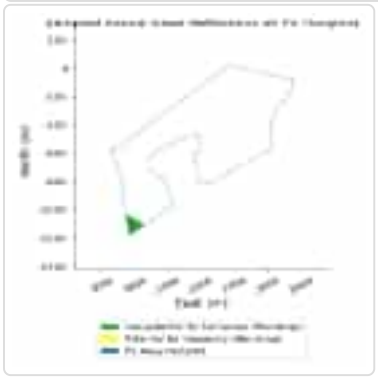
PV array is expected to produce the following glare for this receptor:

- 368 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





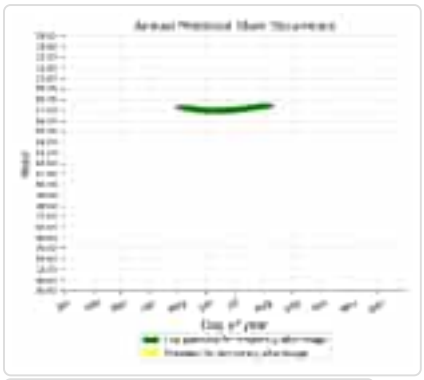


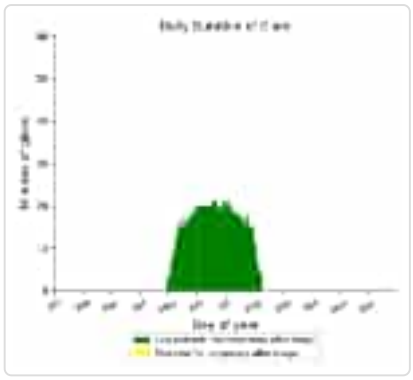


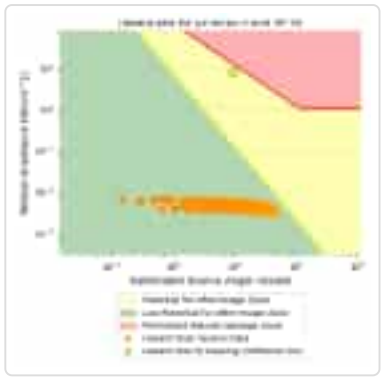
PV array 4: OP 46

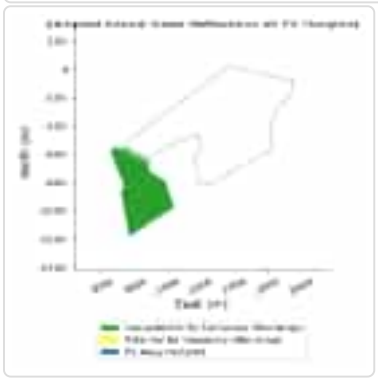
PV array is expected to produce the following glare for this receptor:

- 1,663 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





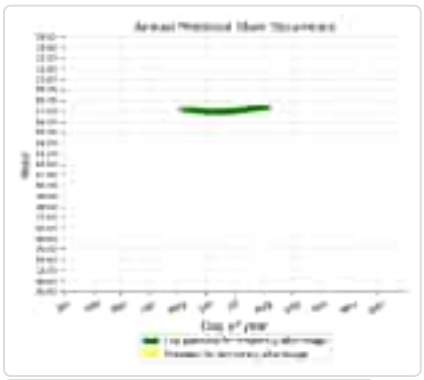


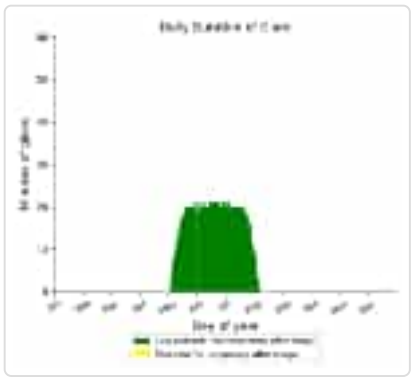


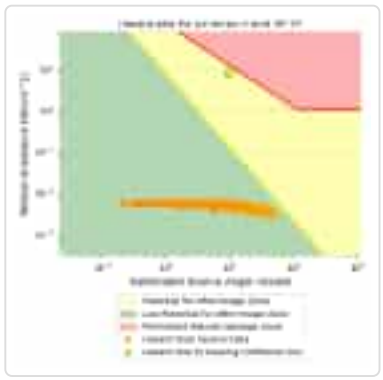
PV array 4: OP 47

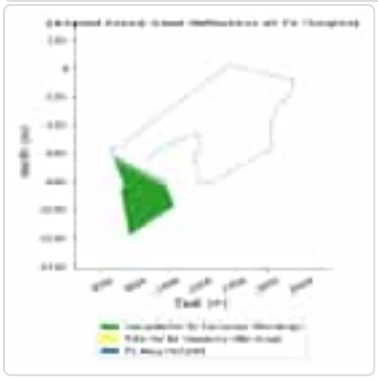
PV array is expected to produce the following glare for this receptor:

- 1,684 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





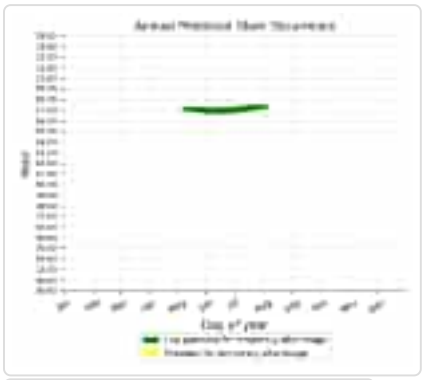


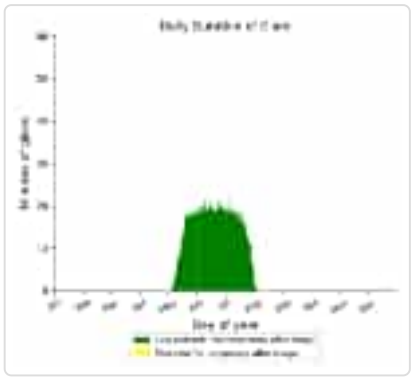


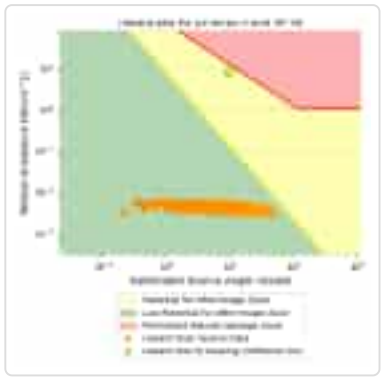
PV array 4: OP 48

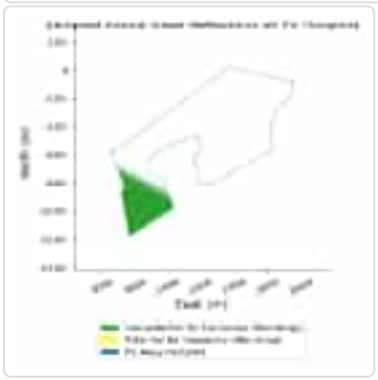
PV array is expected to produce the following glare for this receptor:

- 1,415 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





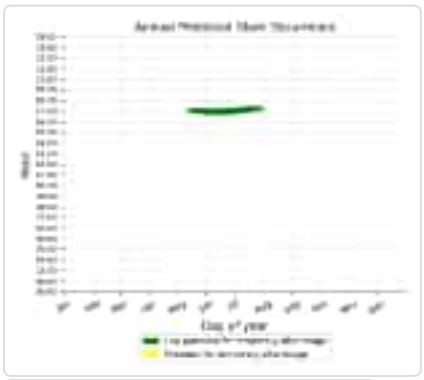


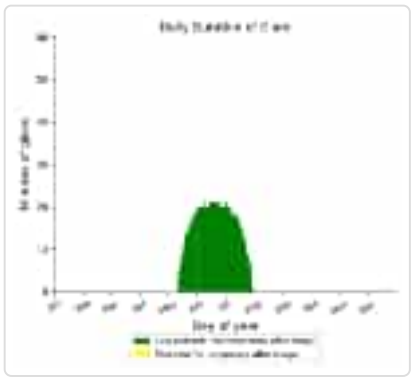


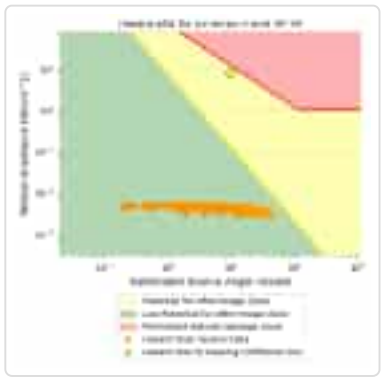
PV array 4: OP 49

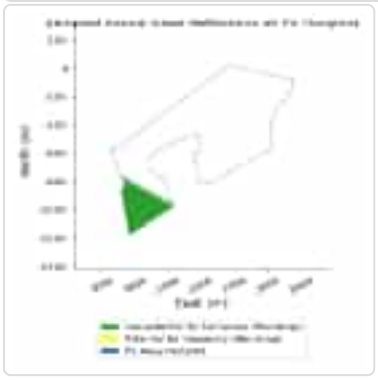
PV array is expected to produce the following glare for this receptor:

- 1,317 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





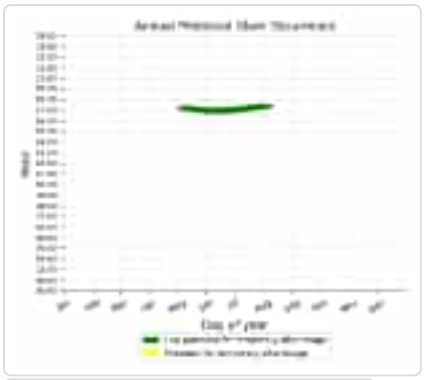


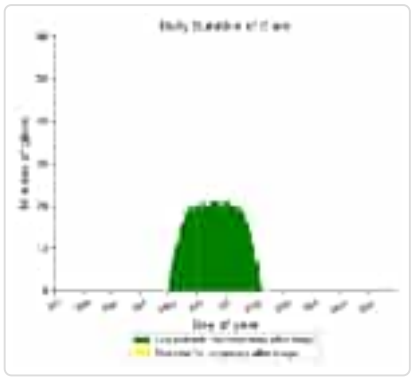


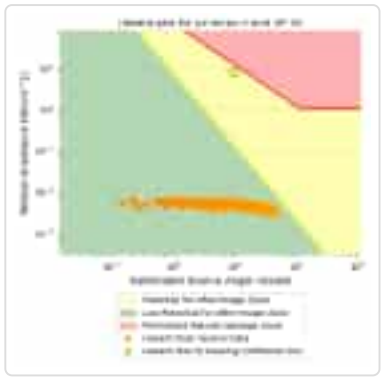
PV array 4: OP 50

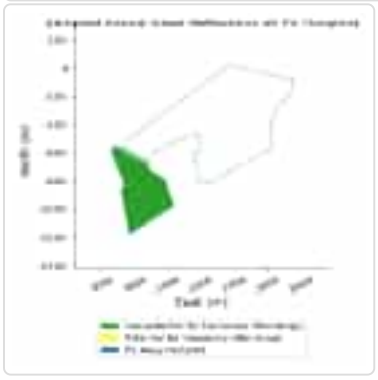
PV array is expected to produce the following glare for this receptor:

- 1,662 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





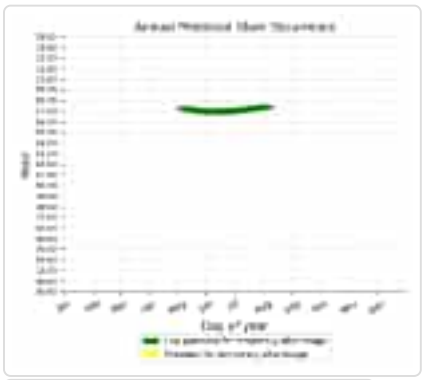


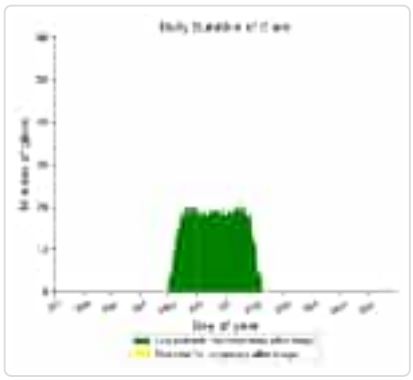


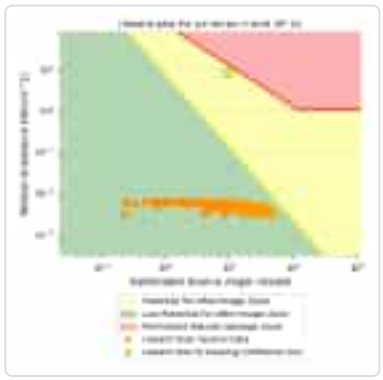
PV array 4: OP 51

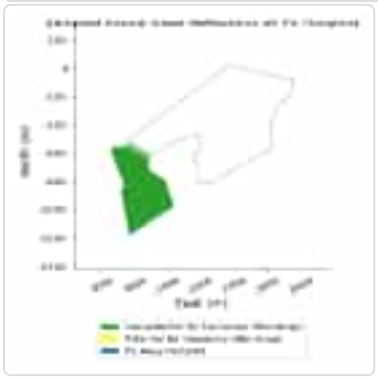
PV array is expected to produce the following glare for this receptor:

- 1,658 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





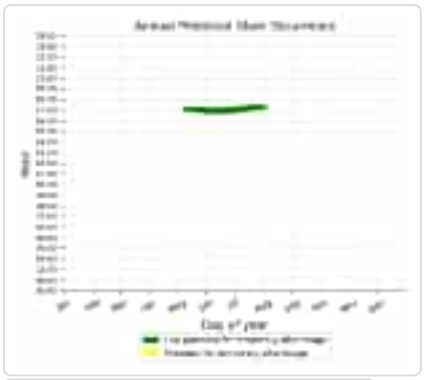


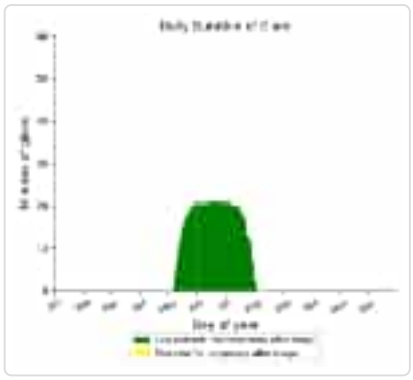


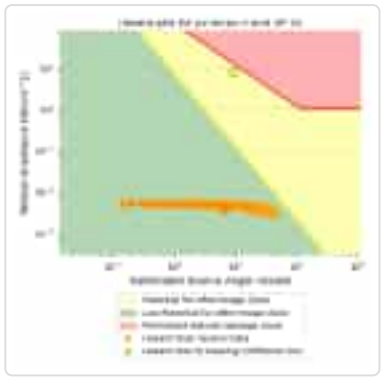
PV array 4: OP 52

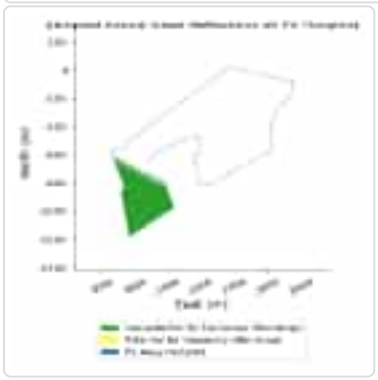
PV array is expected to produce the following glare for this receptor:

- 1,536 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





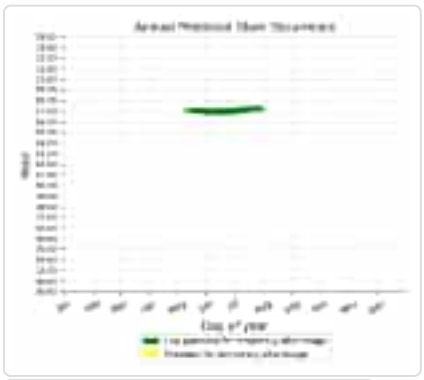


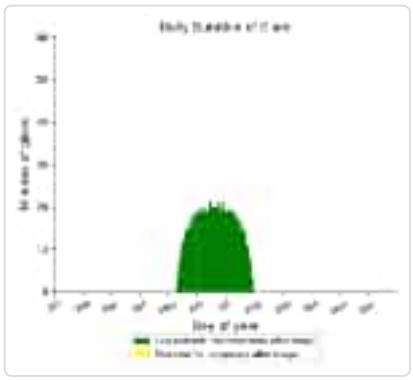


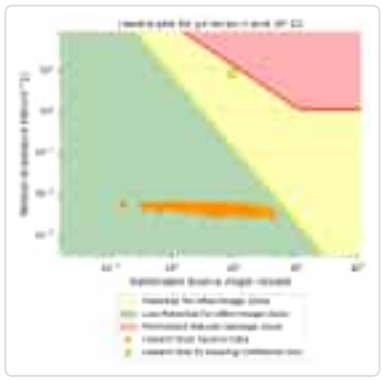
PV array 4: OP 53

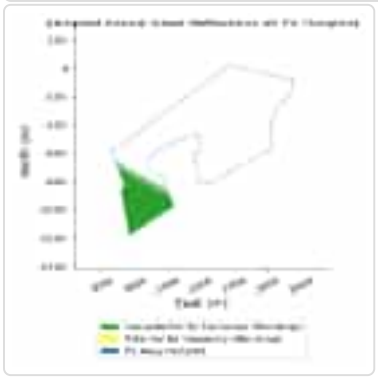
PV array is expected to produce the following glare for this receptor:

- 1,338 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 54

No glare found

PV array 4: OP 55

No glare found

PV array 4: OP 56

No glare found

PV array 4: OP 57

No glare found

PV array 4: OP 58

No glare found

PV array 4: OP 59

No glare found

PV array 4: OP 60

No glare found

PV array 4: OP 61

No glare found

PV array 4: OP 62

No glare found

PV array 4: OP 63

No glare found

PV array 4: OP 64

No glare found

PV array 4: OP 65

No glare found

PV array 4: OP 66

No glare found

PV array 4: OP 67

No glare found

PV array 4: OP 68

No glare found

PV array 4: OP 69

No glare found

PV array 4: OP 70

No glare found

PV array 4: OP 71

No glare found

PV array 4: OP 72

No glare found

PV array 4: OP 73

No glare found

PV array 4: OP 74

No glare found

PV array 4: OP 75

No glare found

PV array 4: OP 76

No glare found

PV array 4: OP 77

No glare found

PV array 4: OP 78

No glare found

PV array 4: OP 79

No glare found

PV array 4: OP 80

No glare found

PV array 5 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 6 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	3311	129
OP: OP 2	3004	0
OP: OP 3	2445	0
OP: OP 4	2458	0
OP: OP 5	2516	0
OP: OP 6	2290	0
OP: OP 7	1586	0
OP: OP 8	916	0
OP: OP 9	669	0
OP: OP 10	187	0
OP: OP 11	165	0
OP: OP 12	363	0
OP: OP 13	0	0
OP: OP 14	246	0
OP: OP 15	2060	0
OP: OP 16	1497	0
OP: OP 17	854	0
OP: OP 18	0	0

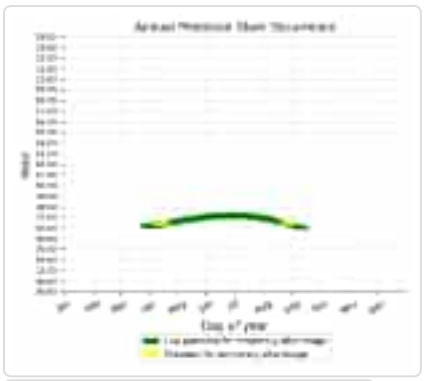
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	2178	0
OP: OP 38	0	0
OP: OP 39	1911	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	1585	0
OP: OP 47	1167	0
OP: OP 48	857	0
OP: OP 49	164	0
OP: OP 50	1239	0
OP: OP 51	1448	0
OP: OP 52	728	0
OP: OP 53	515	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0

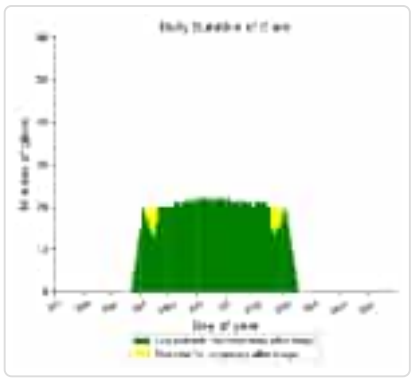
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

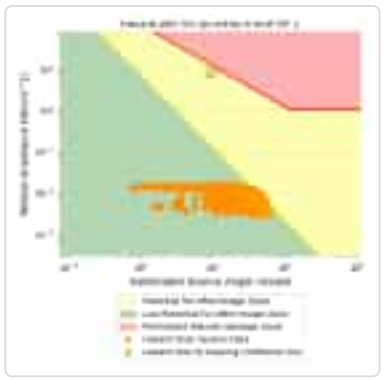
PV array 6: OP 1

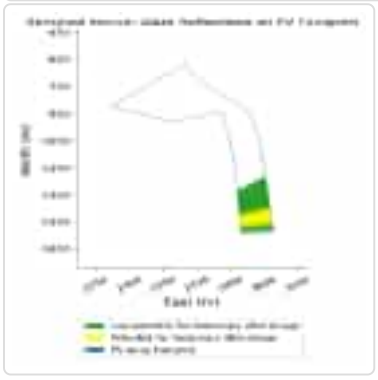
PV array is expected to produce the following glare for this receptor:

- 3,311 minutes of "green" glare with low potential to cause temporary after-image.
- 129 minutes of "yellow" glare with potential to cause temporary after-image.





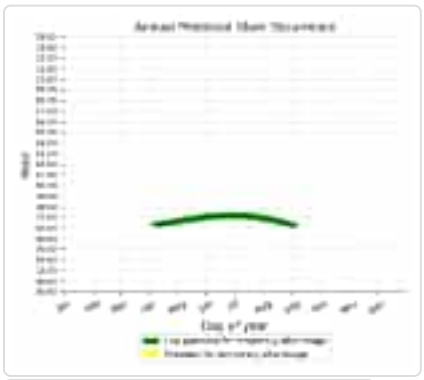


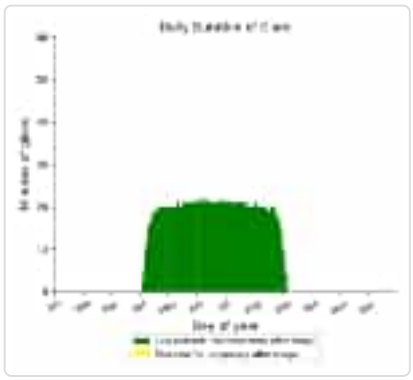


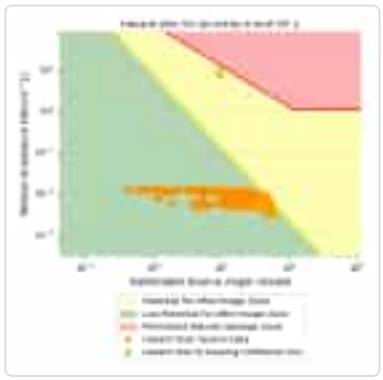
PV array 6: OP 2

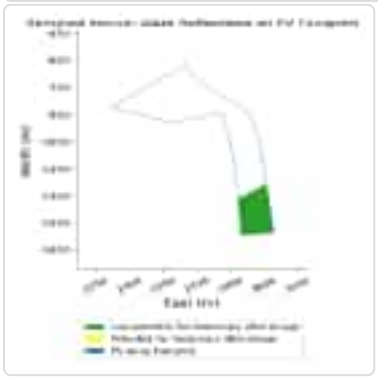
PV array is expected to produce the following glare for this receptor:

- 3,004 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





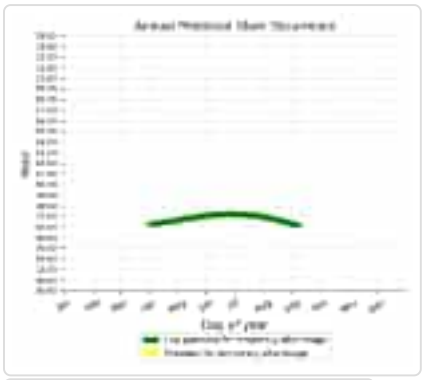


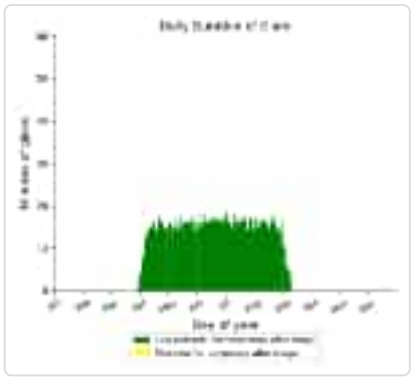


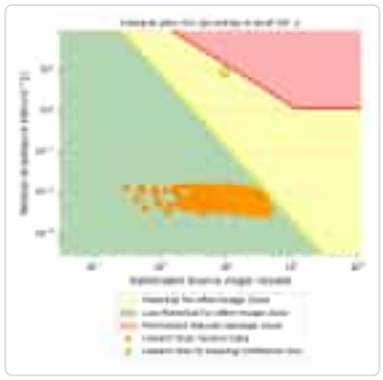
PV array 6: OP 3

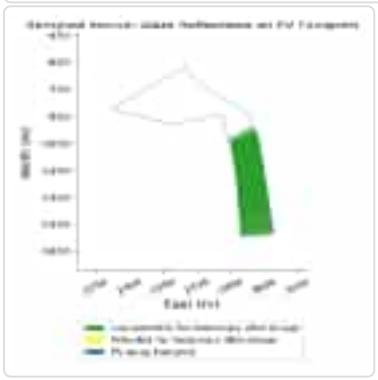
PV array is expected to produce the following glare for this receptor:

- 2,445 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





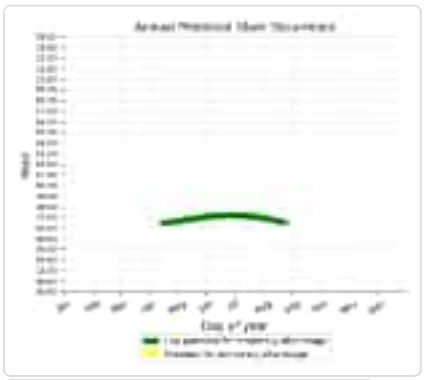


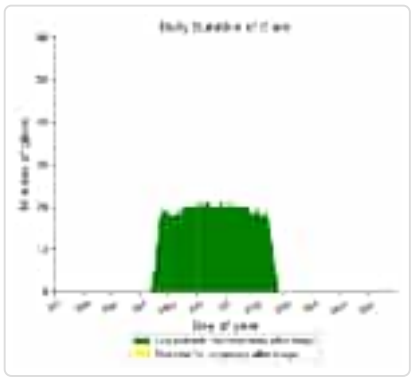


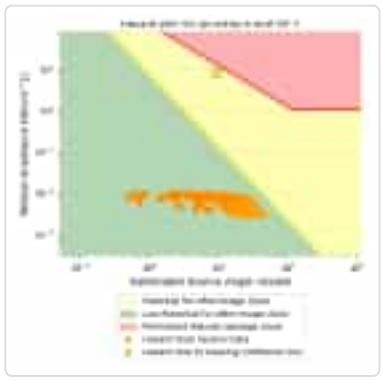
PV array 6: OP 4

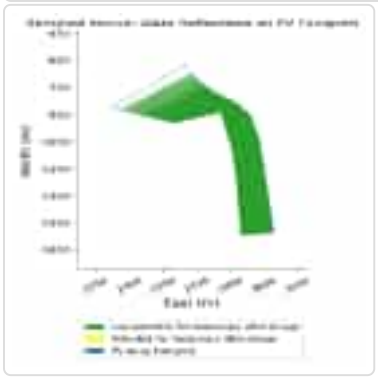
PV array is expected to produce the following glare for this receptor:

- 2,458 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





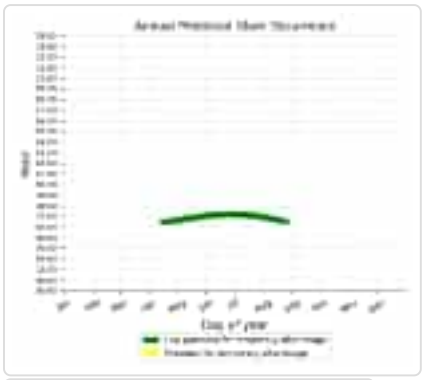


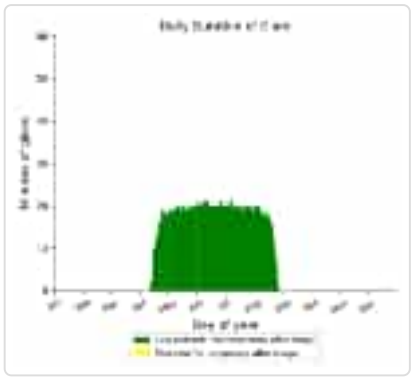


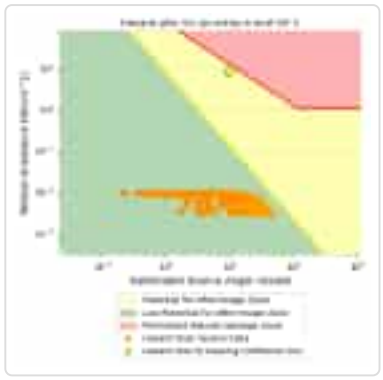
PV array 6: OP 5

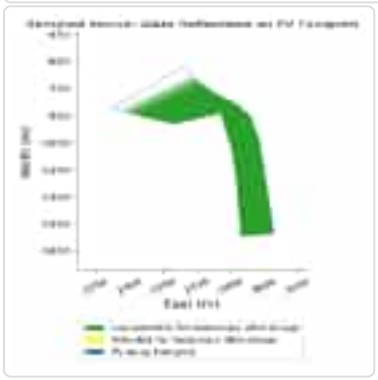
PV array is expected to produce the following glare for this receptor:

- 2,516 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





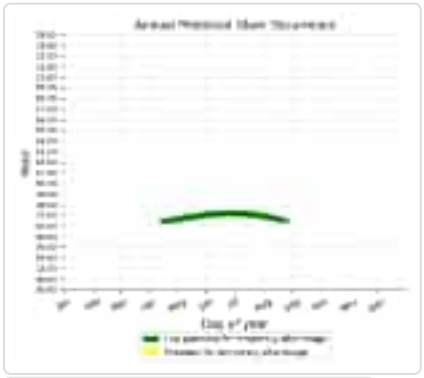


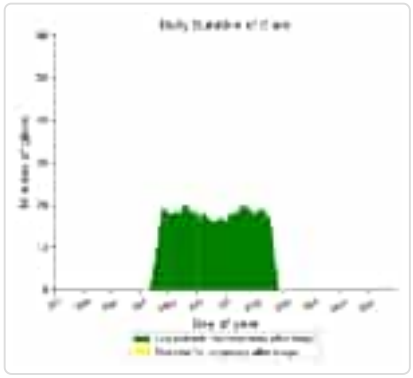


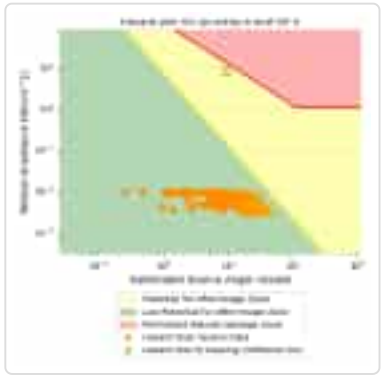
PV array 6: OP 6

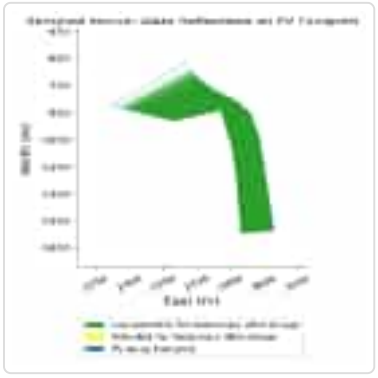
PV array is expected to produce the following glare for this receptor:

- 2,290 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





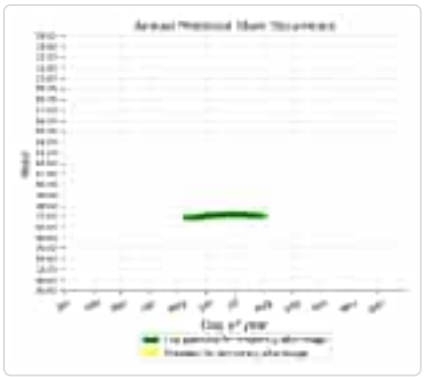


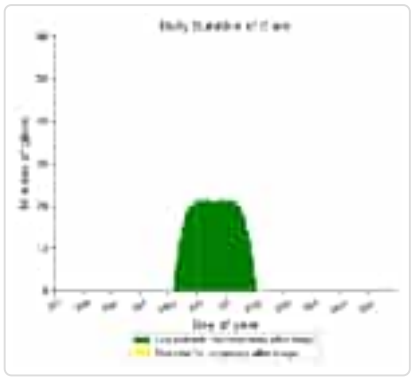


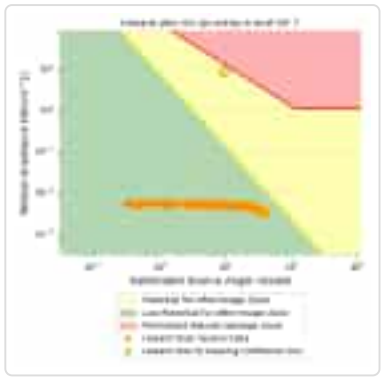
PV array 6: OP 7

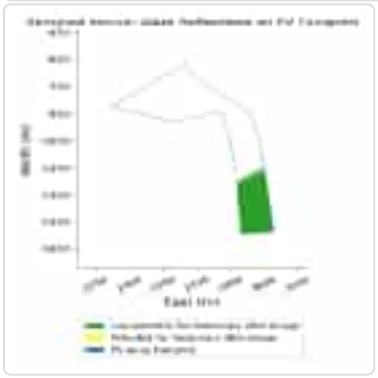
PV array is expected to produce the following glare for this receptor:

- 1,586 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





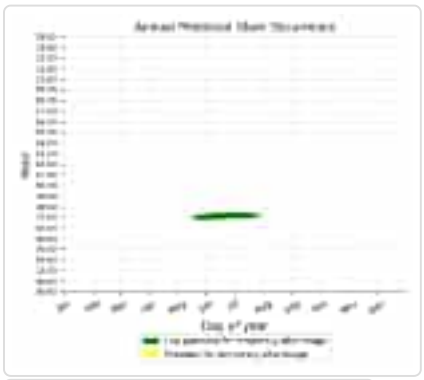


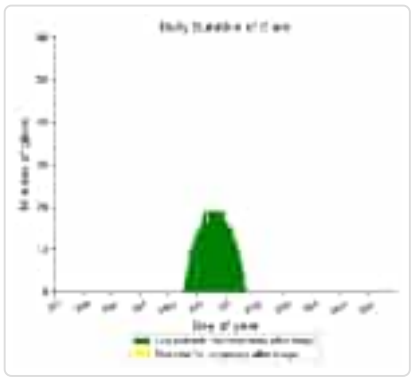


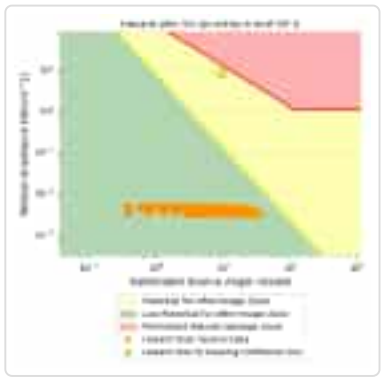
PV array 6: OP 8

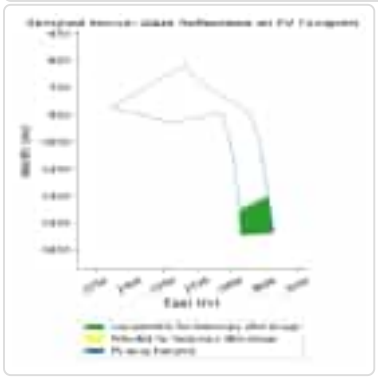
PV array is expected to produce the following glare for this receptor:

- 916 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





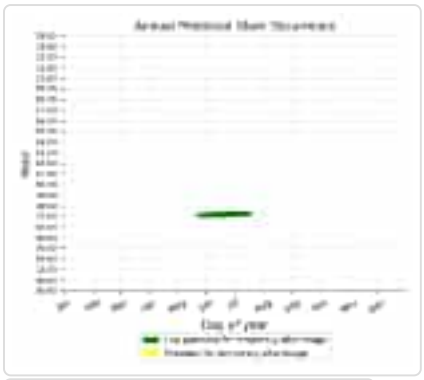


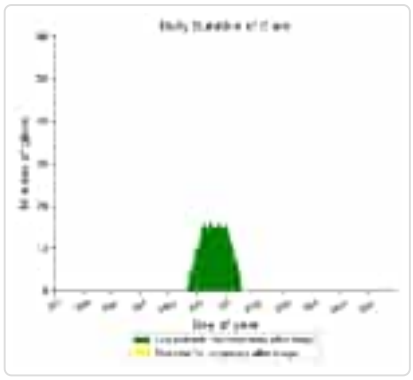


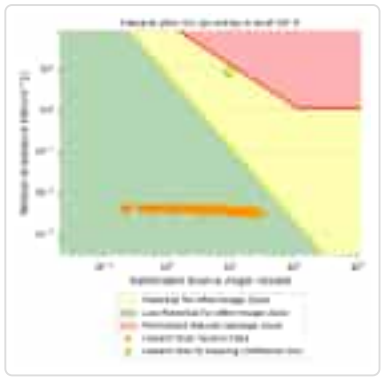
PV array 6: OP 9

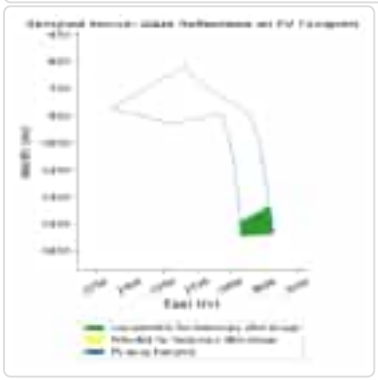
PV array is expected to produce the following glare for this receptor:

- 669 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





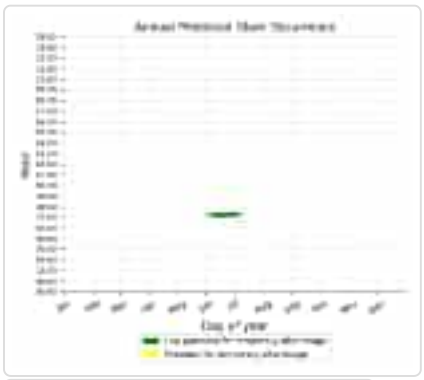


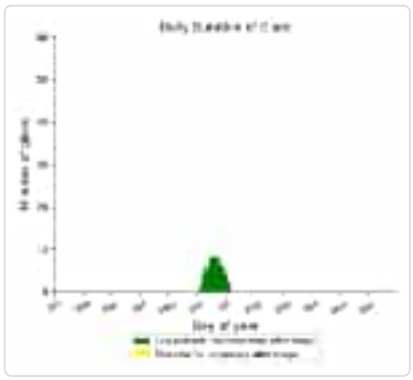


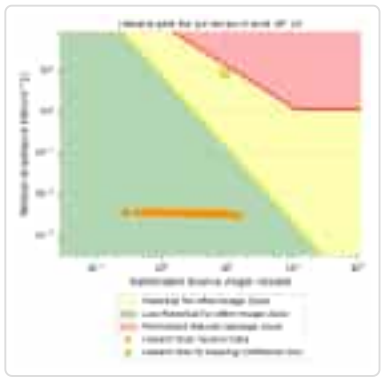
PV array 6: OP 10

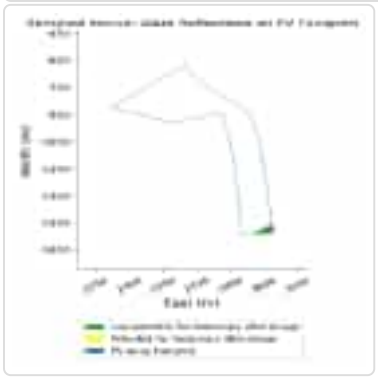
PV array is expected to produce the following glare for this receptor:

- 187 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





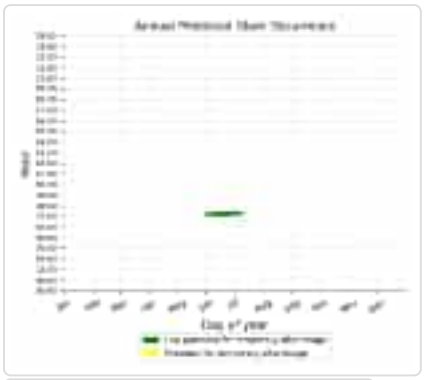


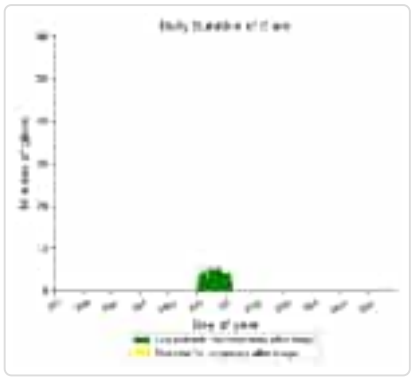


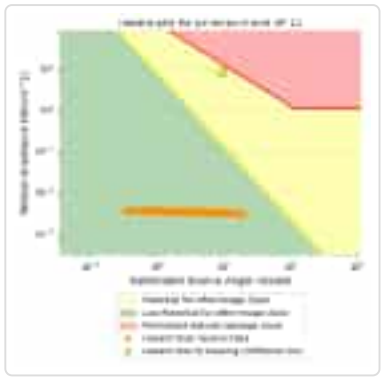
PV array 6: OP 11

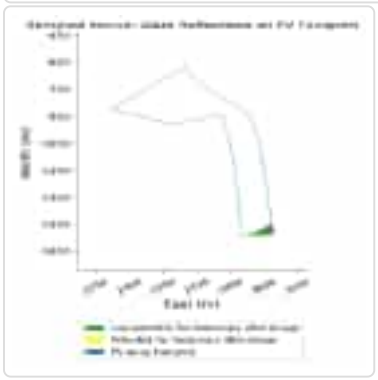
PV array is expected to produce the following glare for this receptor:

- 165 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





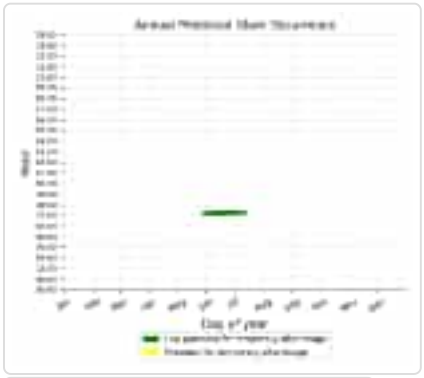


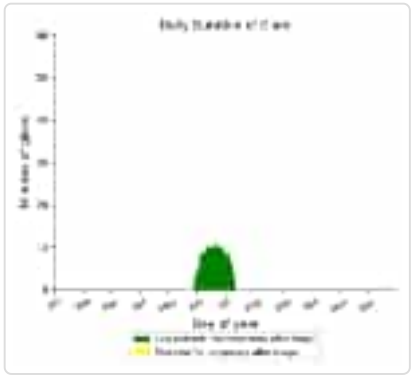


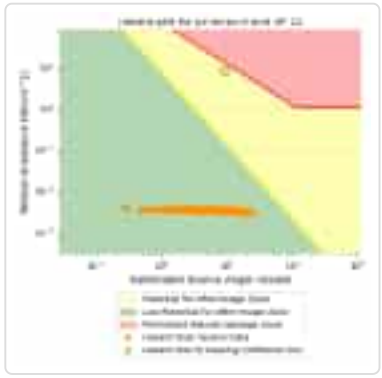
PV array 6: OP 12

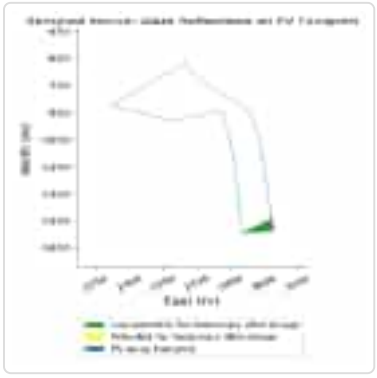
PV array is expected to produce the following glare for this receptor:

- 363 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









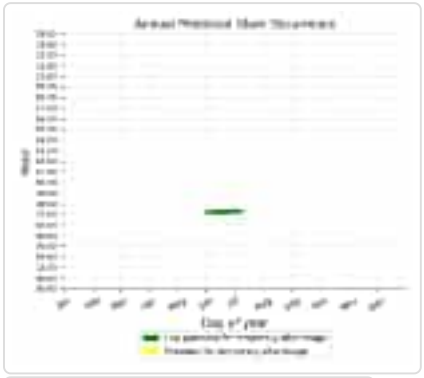
PV array 6: OP 13

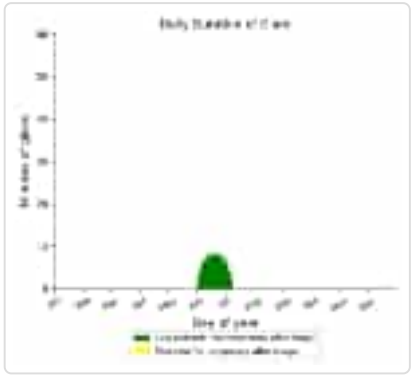
No glare found

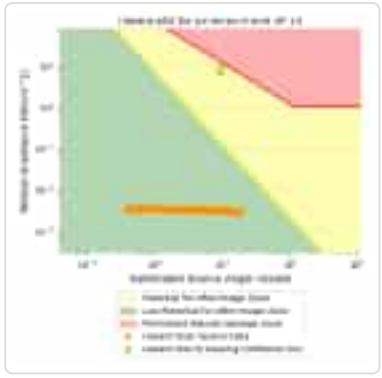
PV array 6: OP 14

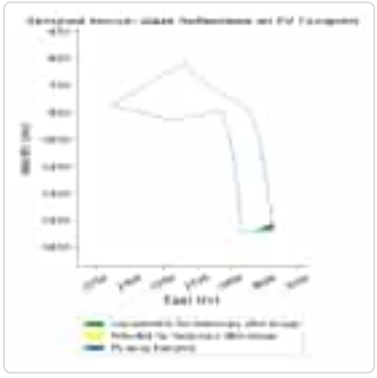
PV array is expected to produce the following glare for this receptor:

- 246 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





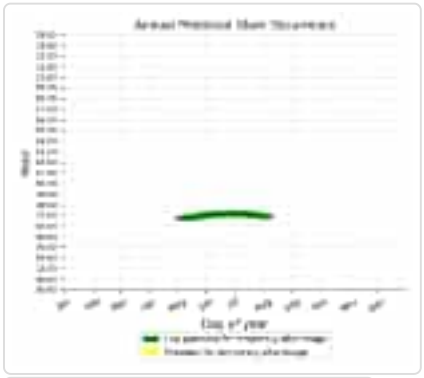


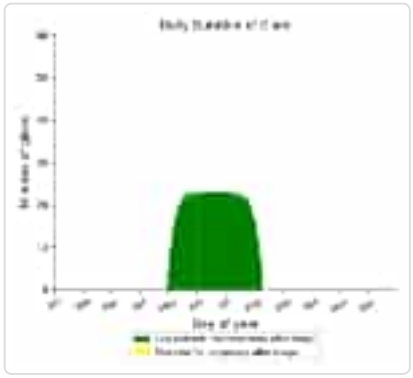


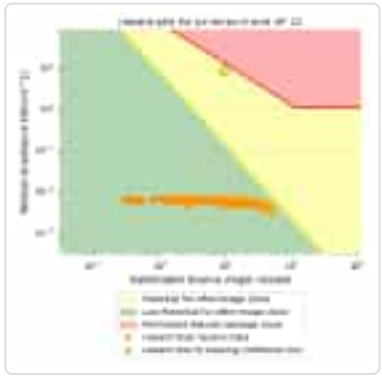
PV array 6: OP 15

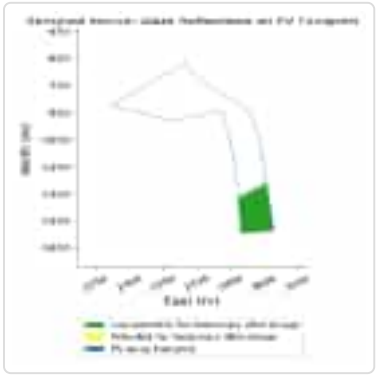
PV array is expected to produce the following glare for this receptor:

- 2,060 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





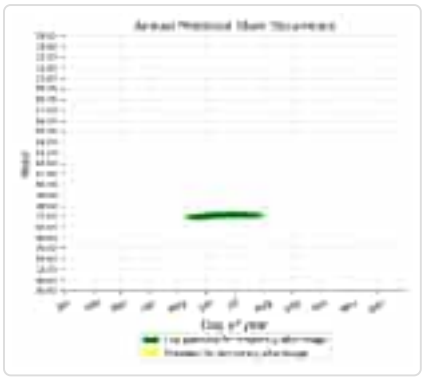


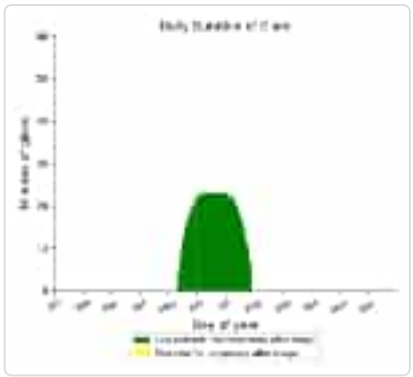


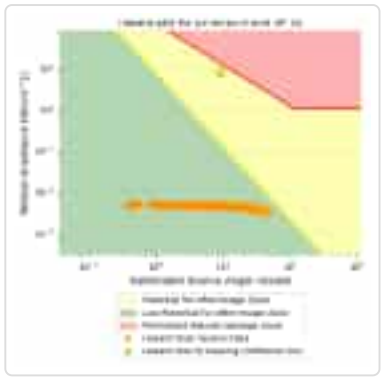
PV array 6: OP 16

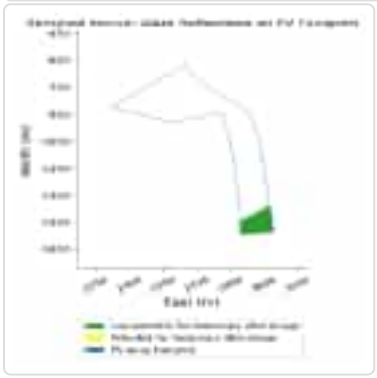
PV array is expected to produce the following glare for this receptor:

- 1,497 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





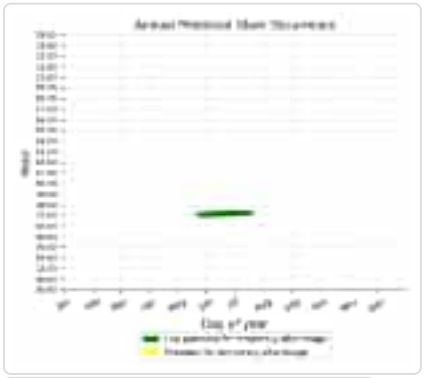


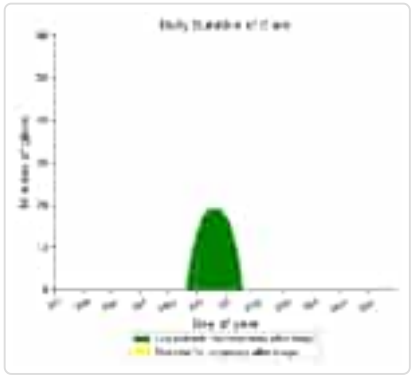


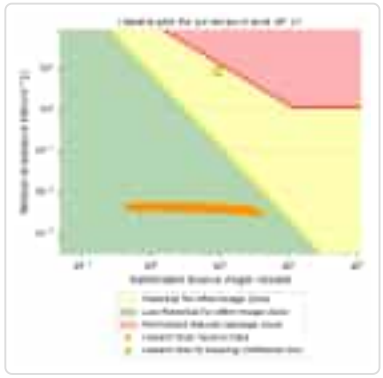
PV array 6: OP 17

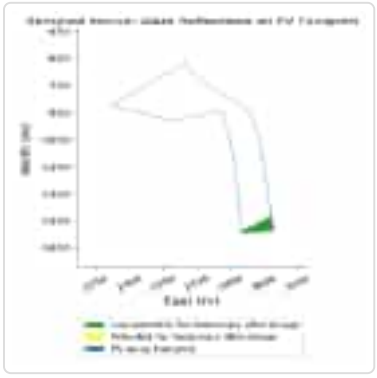
PV array is expected to produce the following glare for this receptor:

- 854 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 18

No glare found

PV array 6: OP 19

No glare found

PV array 6: OP 20

No glare found

PV array 6: OP 21

No glare found

PV array 6: OP 22

No glare found

PV array 6: OP 23

No glare found

PV array 6: OP 24

No glare found

PV array 6: OP 25

No glare found

PV array 6: OP 26

No glare found

PV array 6: OP 27

No glare found

PV array 6: OP 28

No glare found

PV array 6: OP 29

No glare found

PV array 6: OP 30

No glare found

PV array 6: OP 31

No glare found

PV array 6: OP 32

No glare found

PV array 6: OP 33

No glare found

PV array 6: OP 34

No glare found

PV array 6: OP 35

No glare found

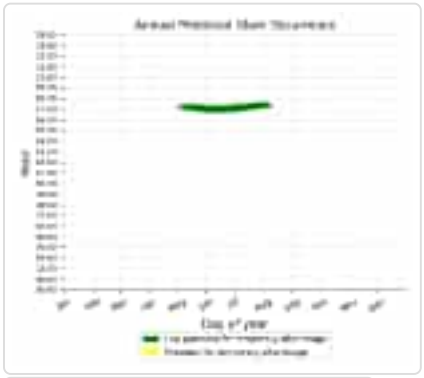
PV array 6: OP 36

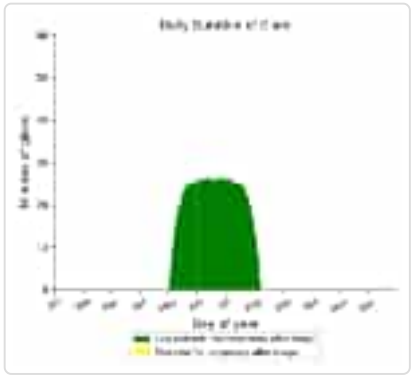
No glare found

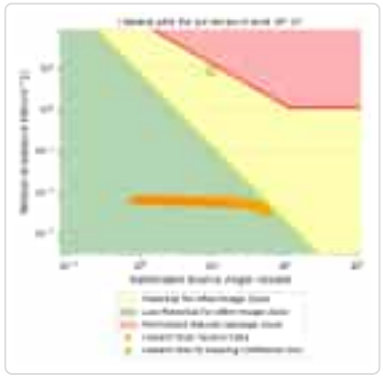
PV array 6: OP 37

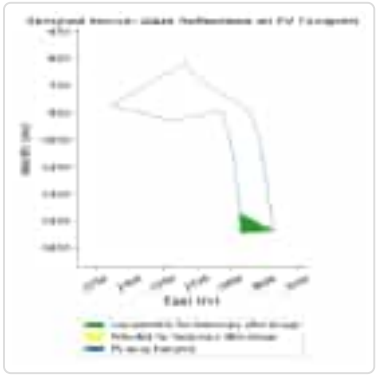
PV array is expected to produce the following glare for this receptor:

- 2,178 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









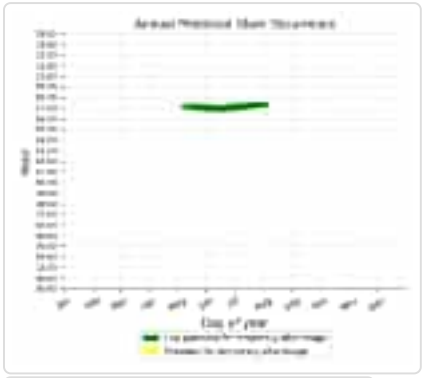
PV array 6: OP 38

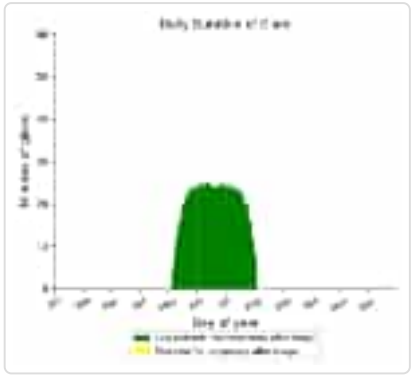
No glare found

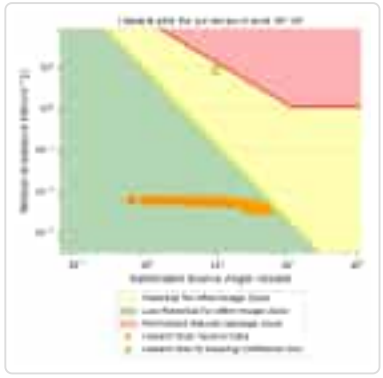
PV array 6: OP 39

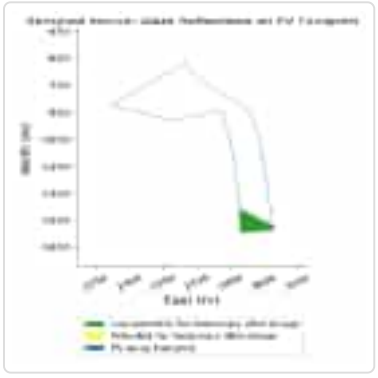
PV array is expected to produce the following glare for this receptor:

- 1,911 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 40

No glare found

PV array 6: OP 41

No glare found

PV array 6: OP 42

No glare found

PV array 6: OP 43

No glare found

PV array 6: OP 44

No glare found

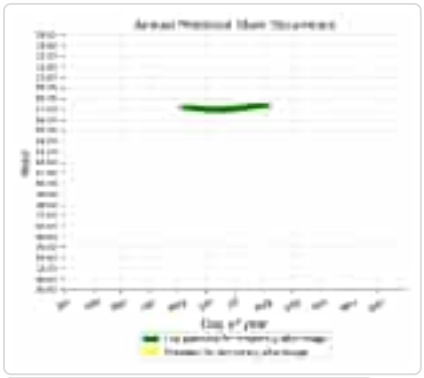
PV array 6: OP 45

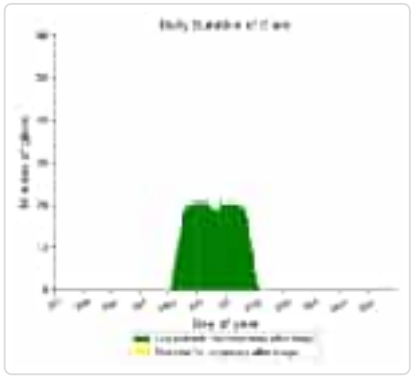
No glare found

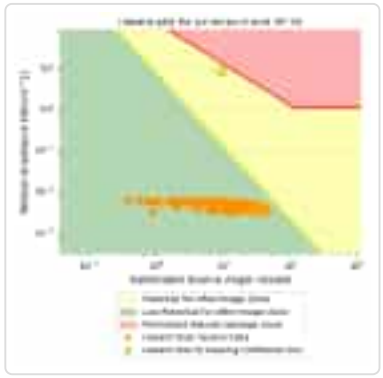
PV array 6: OP 46

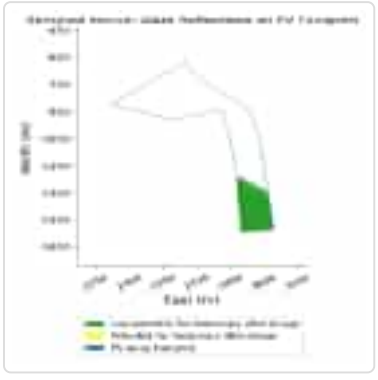
PV array is expected to produce the following glare for this receptor:

- 1,585 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





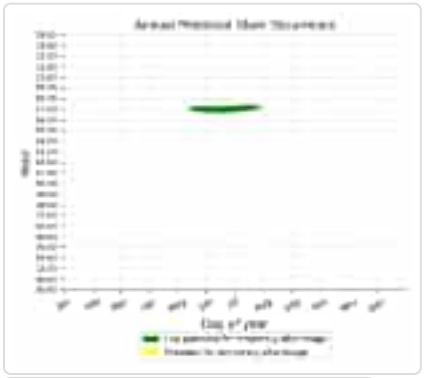


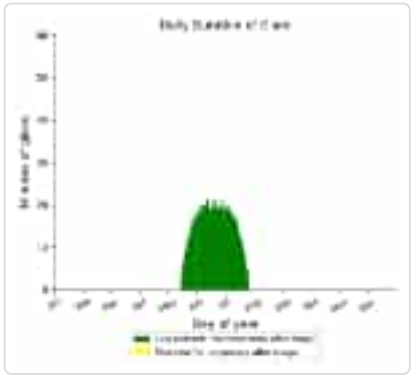


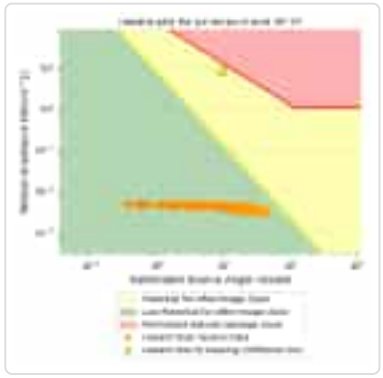
PV array 6: OP 47

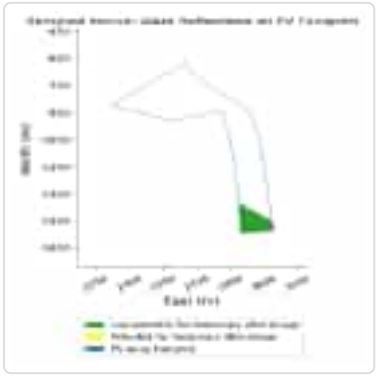
PV array is expected to produce the following glare for this receptor:

- 1,167 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





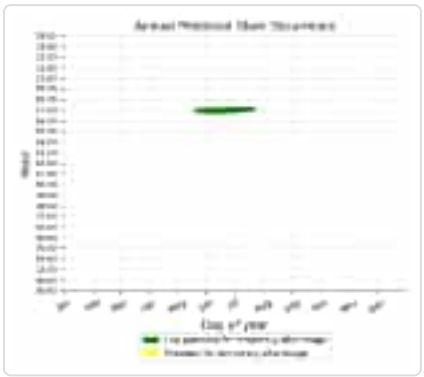


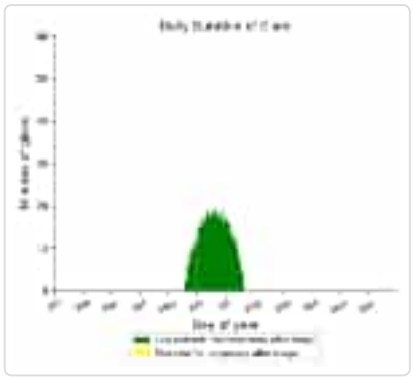


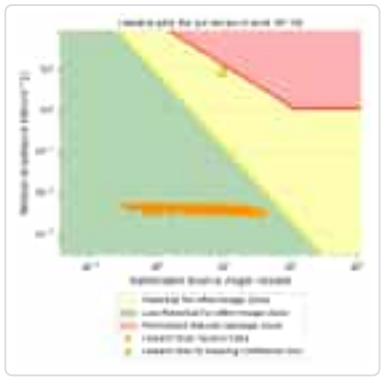
PV array 6: OP 48

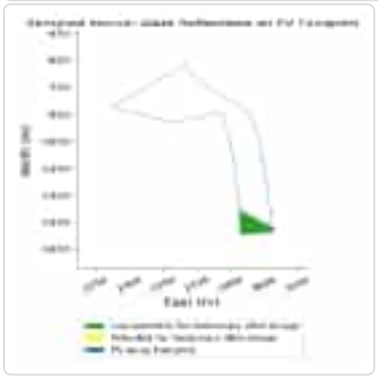
PV array is expected to produce the following glare for this receptor:

- 857 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





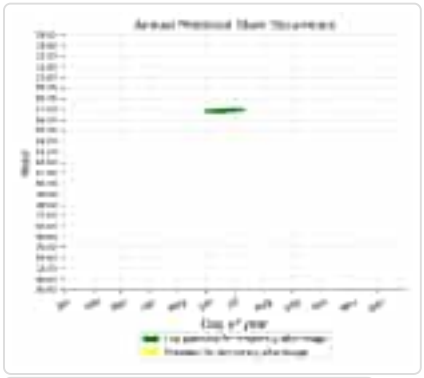


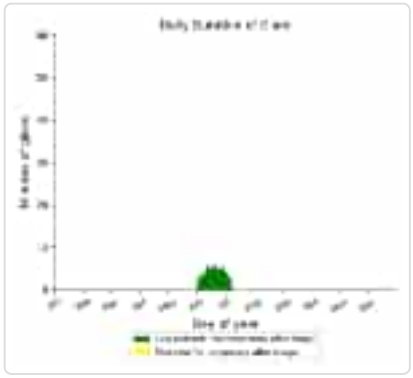


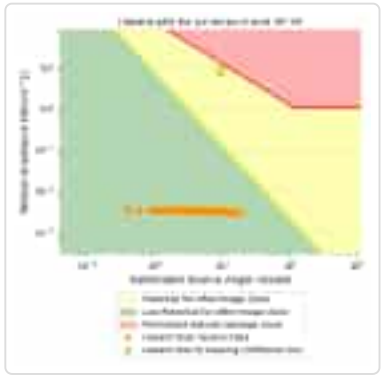
PV array 6: OP 49

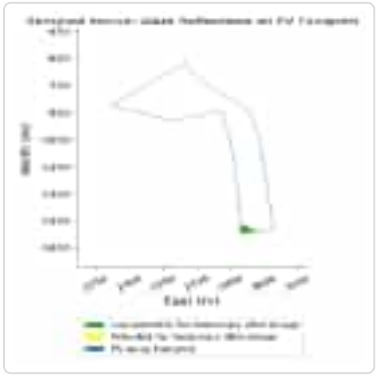
PV array is expected to produce the following glare for this receptor:

- 164 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





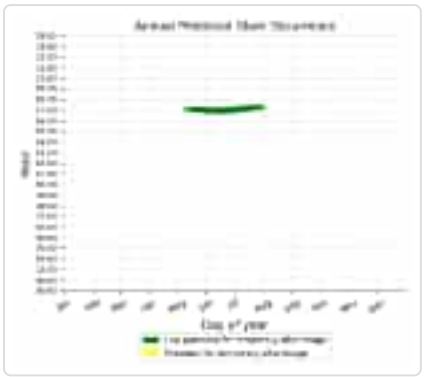


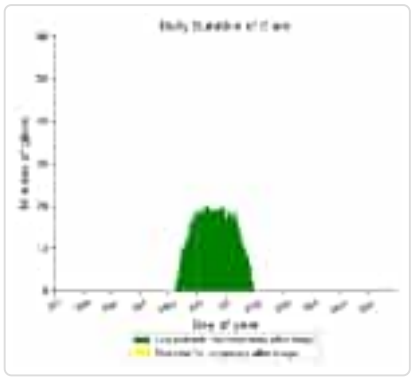


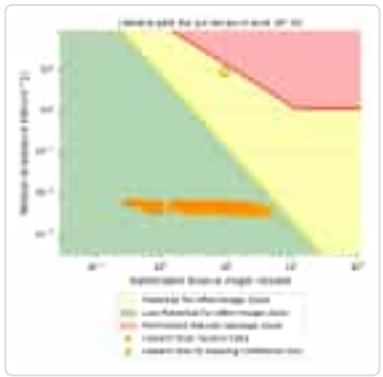
PV array 6: OP 50

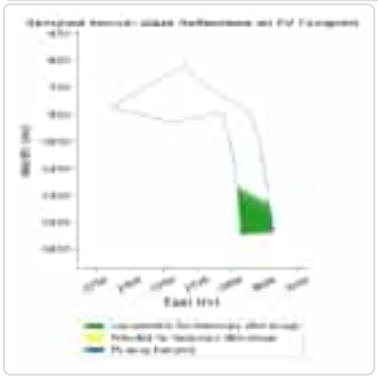
PV array is expected to produce the following glare for this receptor:

- 1,239 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





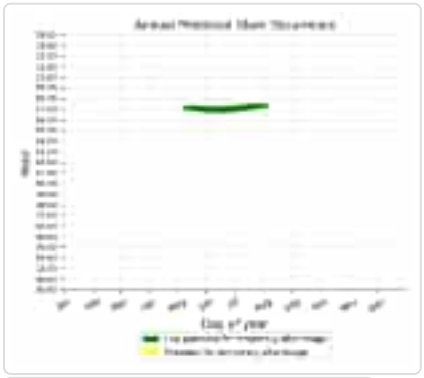


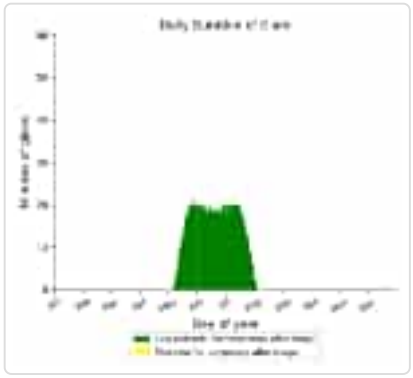


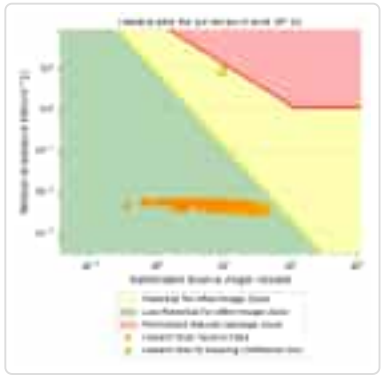
PV array 6: OP 51

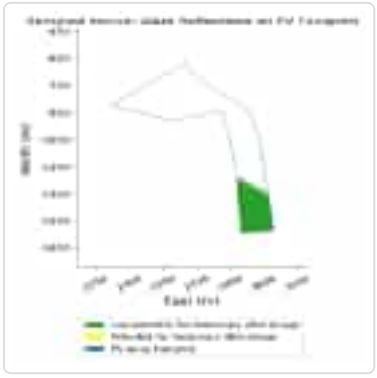
PV array is expected to produce the following glare for this receptor:

- 1,448 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





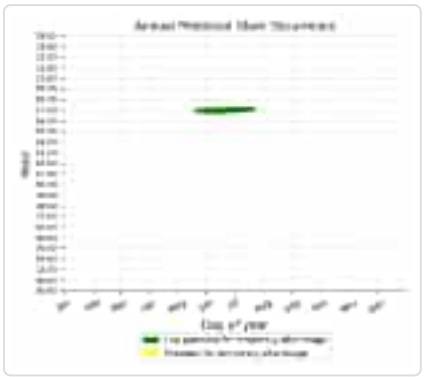


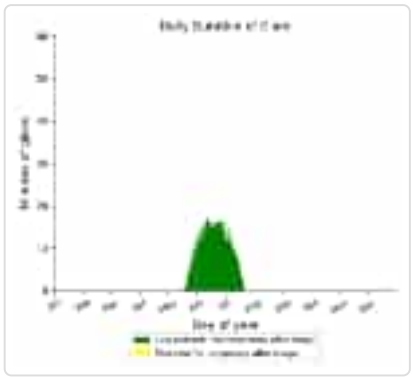


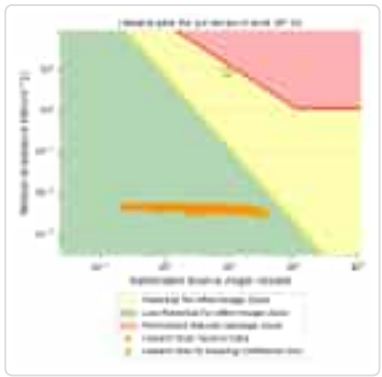
PV array 6: OP 52

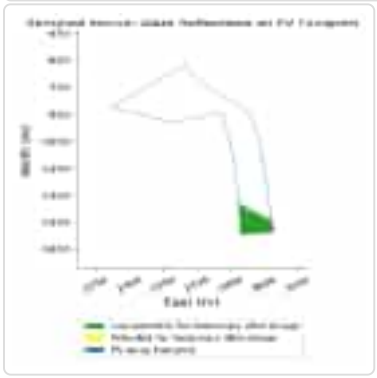
PV array is expected to produce the following glare for this receptor:

- 728 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





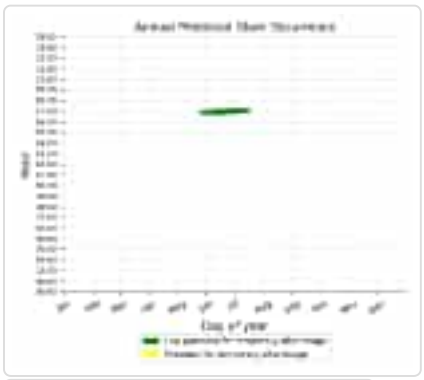


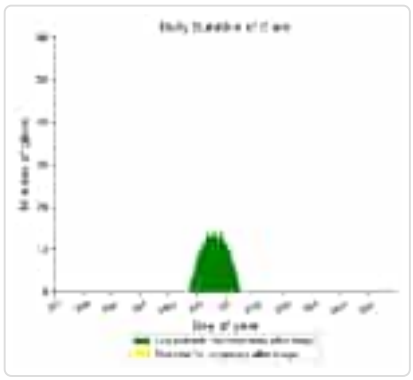


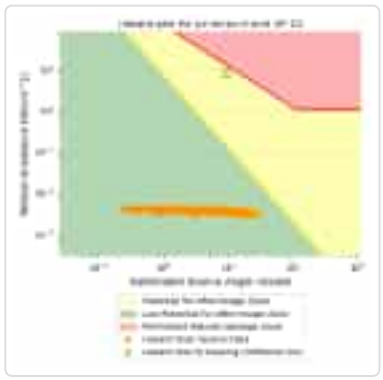
PV array 6: OP 53

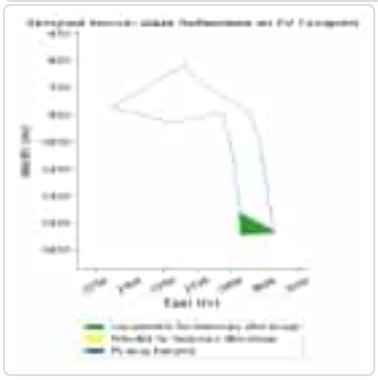
PV array is expected to produce the following glare for this receptor:

- 515 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 54

No glare found

PV array 6: OP 55

No glare found

PV array 6: OP 56

No glare found

PV array 6: OP 57

No glare found

PV array 6: OP 58

No glare found

PV array 6: OP 59

No glare found

PV array 6: OP 60

No glare found

PV array 6: OP 61

No glare found

PV array 6: OP 62

No glare found

PV array 6: OP 63

No glare found

PV array 6: OP 64

No glare found

PV array 6: OP 65

No glare found

PV array 6: OP 66

No glare found

PV array 6: OP 67

No glare found

PV array 6: OP 68

No glare found

PV array 6: OP 69

No glare found

PV array 6: OP 70

No glare found

PV array 6: OP 71

No glare found

PV array 6: OP 72

No glare found

PV array 6: OP 73

No glare found

PV array 6: OP 74

No glare found

PV array 6: OP 75

No glare found

PV array 6: OP 76

No glare found

PV array 6: OP 77

No glare found

PV array 6: OP 78

No glare found

PV array 6: OP 79

No glare found

PV array 6: OP 80

No glare found

PV array 7 potential temporary after-image

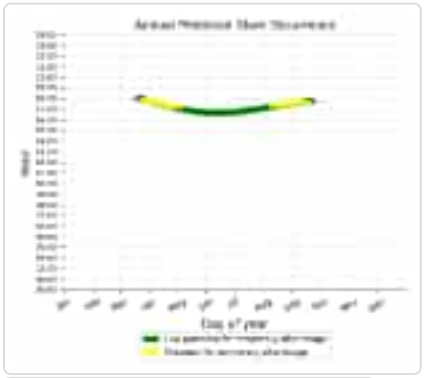
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	2711	960
OP: OP 2	2746	1480
OP: OP 3	3321	864
OP: OP 4	3009	0
OP: OP 5	2834	0
OP: OP 6	3048	0
OP: OP 7	2580	0
OP: OP 8	2286	0
OP: OP 9	1369	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	3033	0
OP: OP 13	933	2
OP: OP 14	1470	5
OP: OP 15	2255	1230
OP: OP 16	1639	2142
OP: OP 17	1854	1774
OP: OP 18	2031	937
OP: OP 19	2000	102
OP: OP 20	2581	1249
OP: OP 21	3089	1552
OP: OP 22	3532	1848
OP: OP 23	3187	696
OP: OP 24	2843	122
OP: OP 25	0	0
OP: OP 26	1020	5
OP: OP 27	1353	10
OP: OP 28	2764	121
OP: OP 29	0	0
OP: OP 30	2764	0
OP: OP 31	2558	0
OP: OP 32	2859	120
OP: OP 33	2516	11
OP: OP 34	2027	5
OP: OP 35	0	0
OP: OP 36	1460	0
OP: OP 37	2176	0
OP: OP 38	2446	0
OP: OP 39	2864	0
OP: OP 40	3030	0
OP: OP 41	3486	0
OP: OP 42	3894	0
OP: OP 43	3783	0

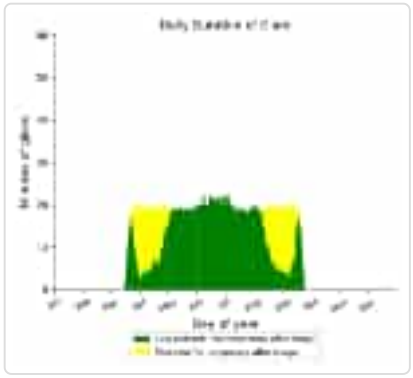
OP: OP 44	3778	0
OP: OP 45	3557	0
OP: OP 46	3354	0
OP: OP 47	3675	0
OP: OP 48	3564	0
OP: OP 49	3525	0
OP: OP 50	3595	0
OP: OP 51	3366	0
OP: OP 52	3574	0
OP: OP 53	3375	0
OP: OP 54	1569	0
OP: OP 55	1653	0
OP: OP 56	3601	83
OP: OP 57	3648	0
OP: OP 58	2727	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	687	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	1438	0
OP: OP 67	1470	0
OP: OP 68	1763	0
OP: OP 69	3160	0
OP: OP 70	3163	0
OP: OP 71	2683	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	761	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

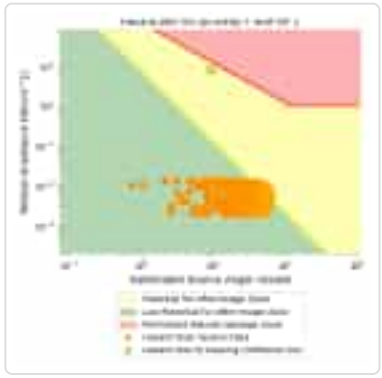
PV array 7: OP 1

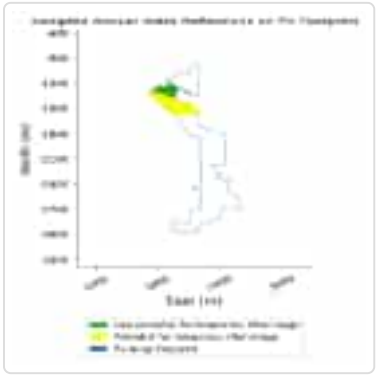
PV array is expected to produce the following glare for this receptor:

- 2,711 minutes of "green" glare with low potential to cause temporary after-image.
- 960 minutes of "yellow" glare with potential to cause temporary after-image.





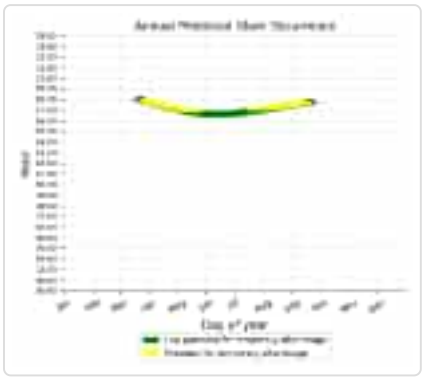


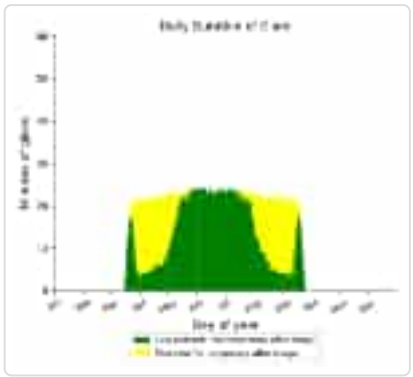


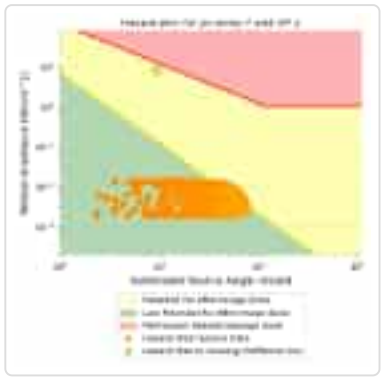
PV array 7: OP 2

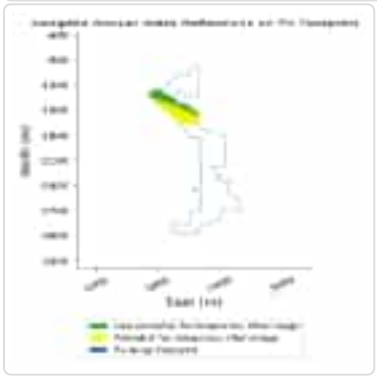
PV array is expected to produce the following glare for this receptor:

- 2,746 minutes of "green" glare with low potential to cause temporary after-image.
- 1,480 minutes of "yellow" glare with potential to cause temporary after-image.





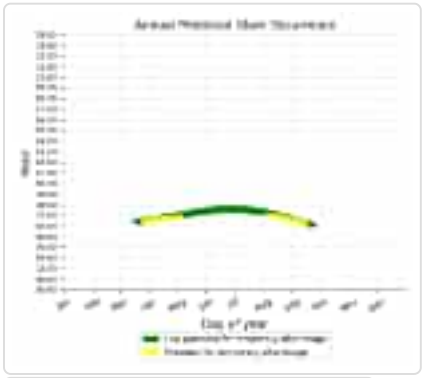


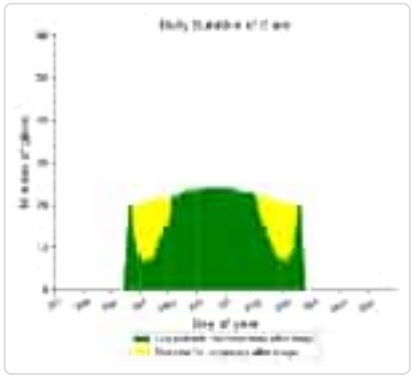


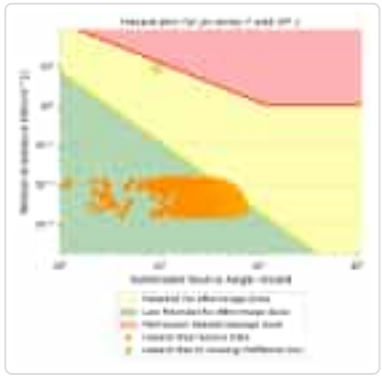
PV array 7: OP 3

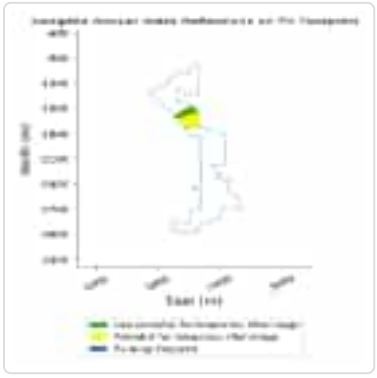
PV array is expected to produce the following glare for this receptor:

- 3,321 minutes of "green" glare with low potential to cause temporary after-image.
- 864 minutes of "yellow" glare with potential to cause temporary after-image.





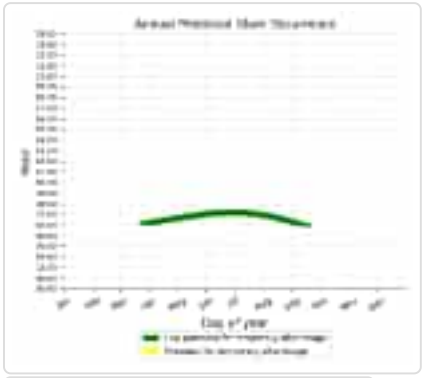


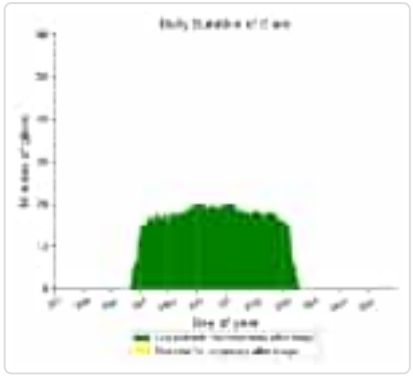


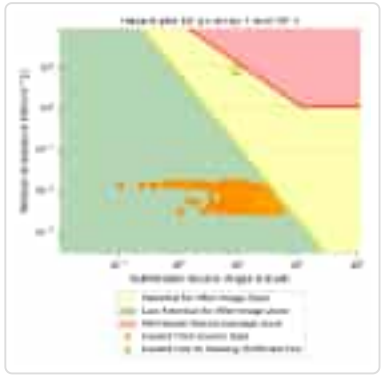
PV array 7: OP 4

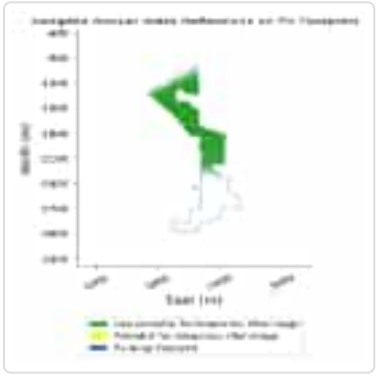
PV array is expected to produce the following glare for this receptor:

- 3,009 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





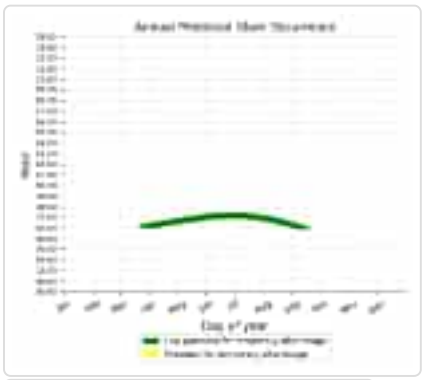


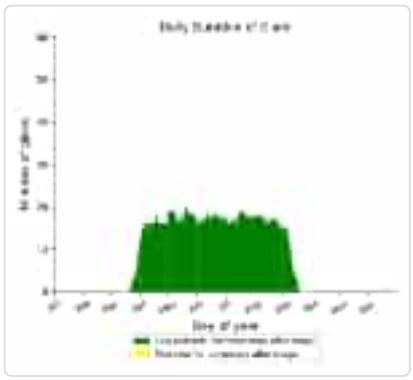


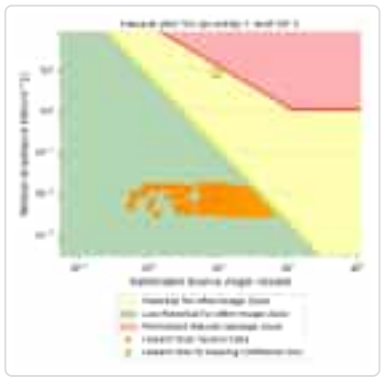
PV array 7: OP 5

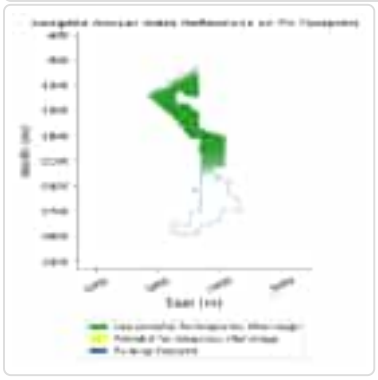
PV array is expected to produce the following glare for this receptor:

- 2,834 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





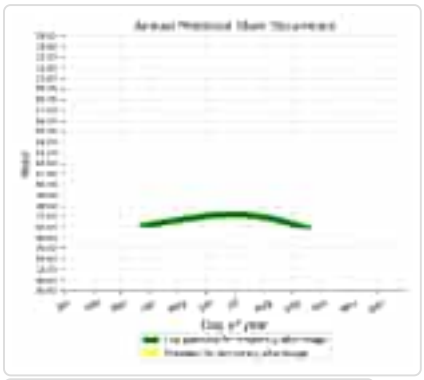


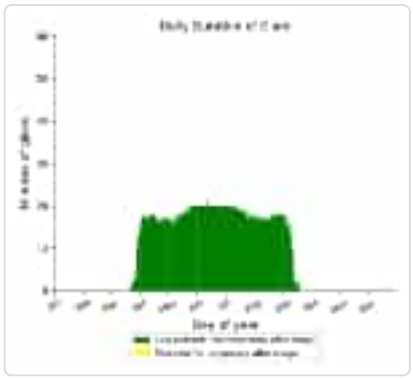


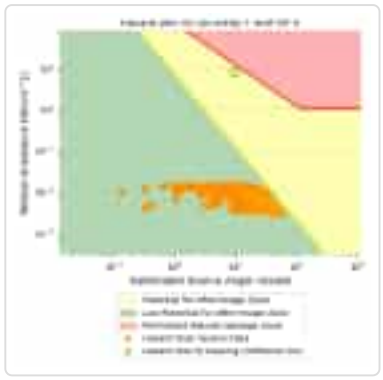
PV array 7: OP 6

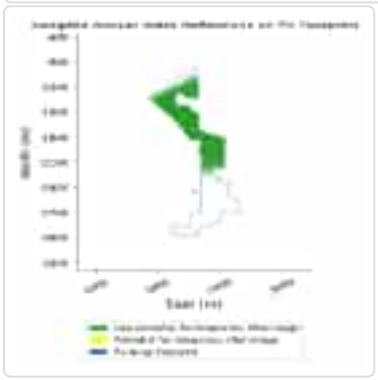
PV array is expected to produce the following glare for this receptor:

- 3,048 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





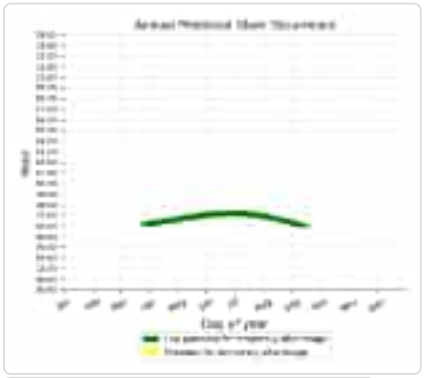


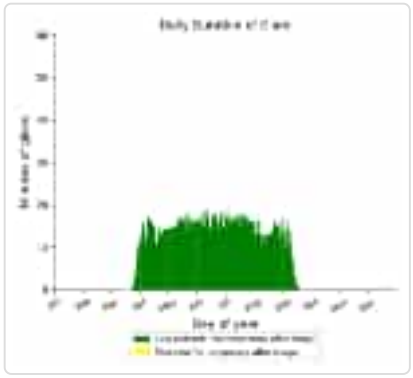


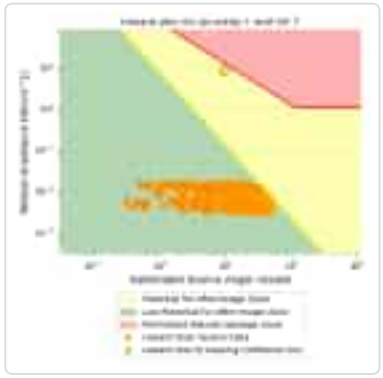
PV array 7: OP 7

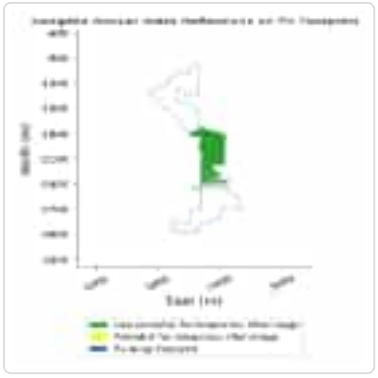
PV array is expected to produce the following glare for this receptor:

- 2,580 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





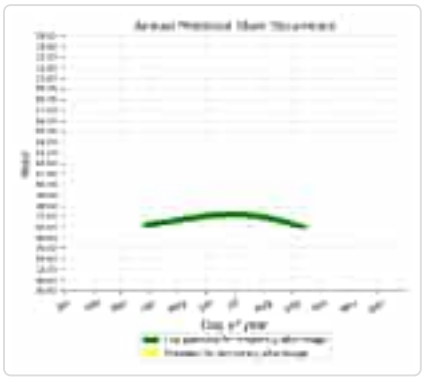


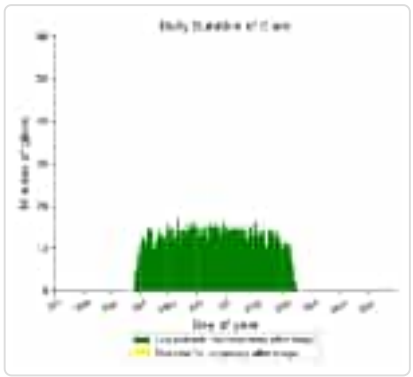


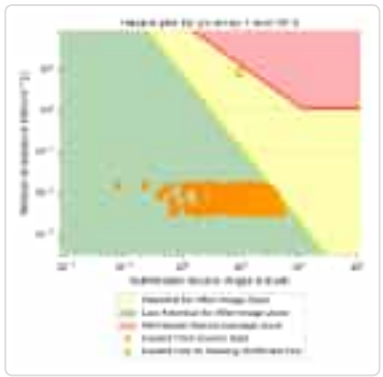
PV array 7: OP 8

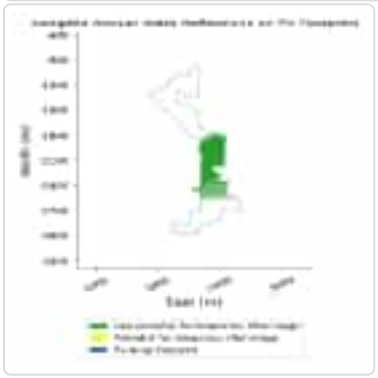
PV array is expected to produce the following glare for this receptor:

- 2,286 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





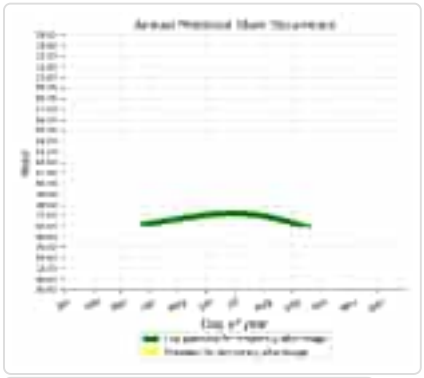


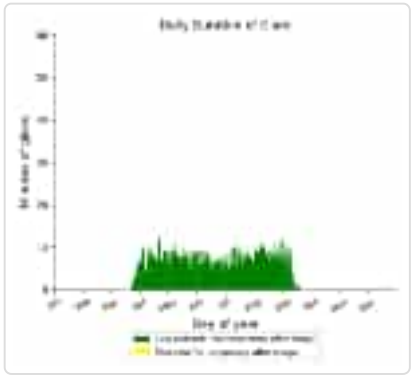


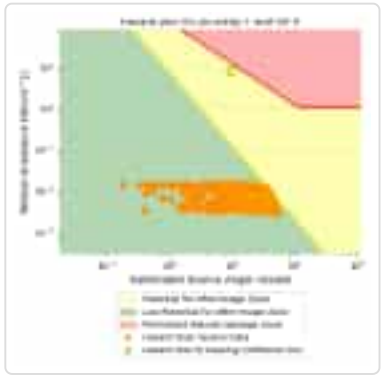
PV array 7: OP 9

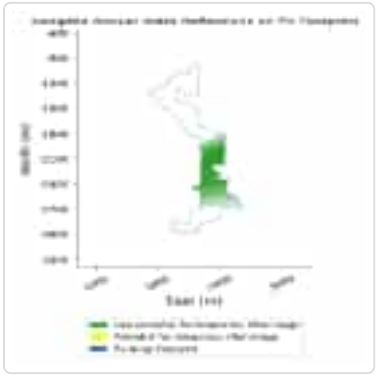
PV array is expected to produce the following glare for this receptor:

- 1,369 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 10

No glare found

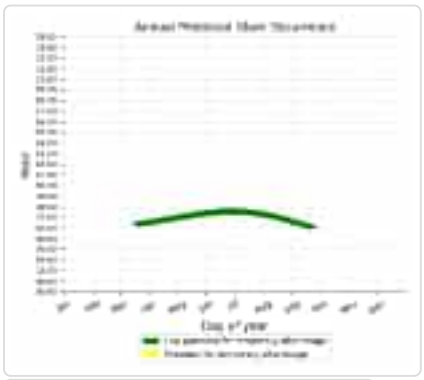
PV array 7: OP 11

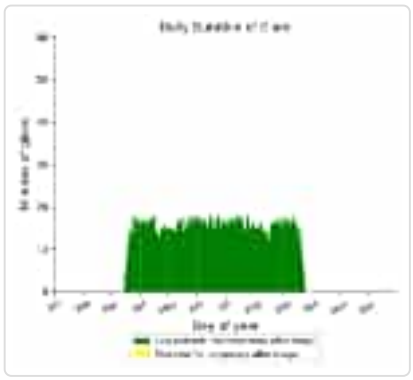
No glare found

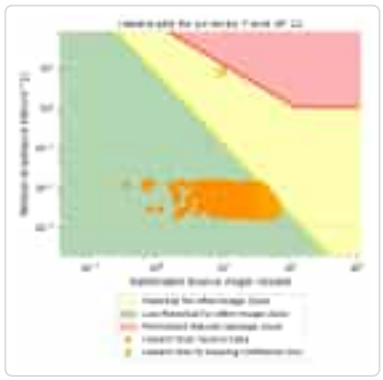
PV array 7: OP 12

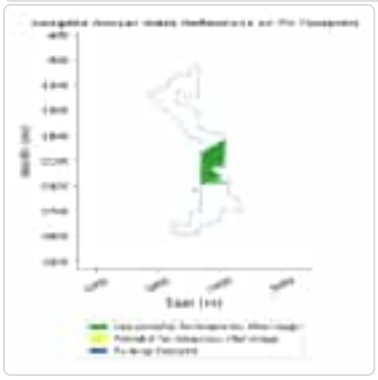
PV array is expected to produce the following glare for this receptor:

- 3,033 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





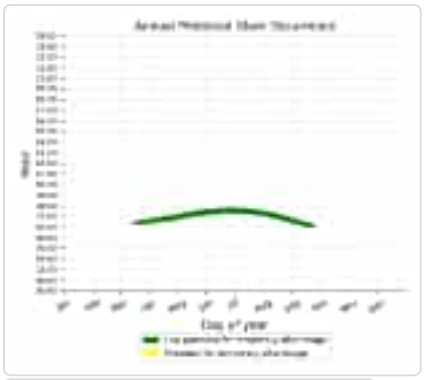


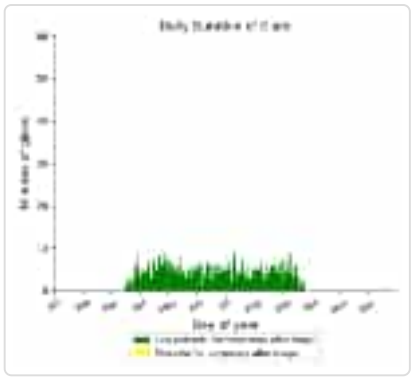


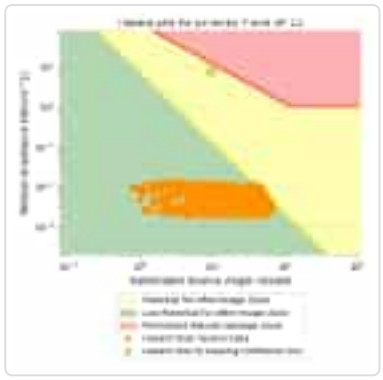
PV array 7: OP 13

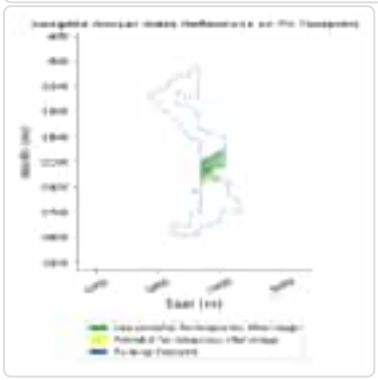
PV array is expected to produce the following glare for this receptor:

- 933 minutes of "green" glare with low potential to cause temporary after-image.
- 2 minutes of "yellow" glare with potential to cause temporary after-image.





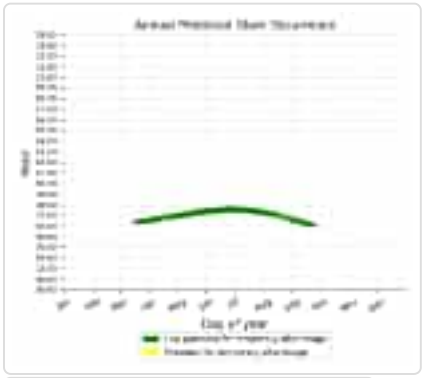


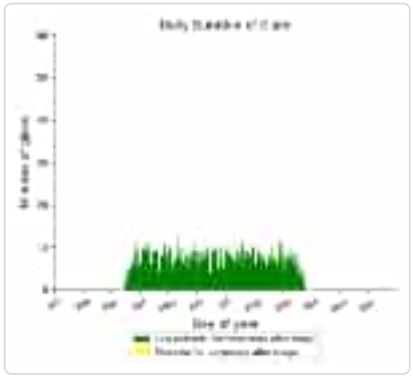


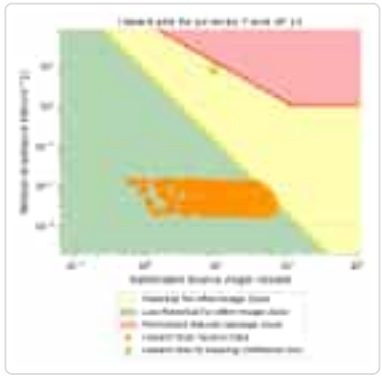
PV array 7: OP 14

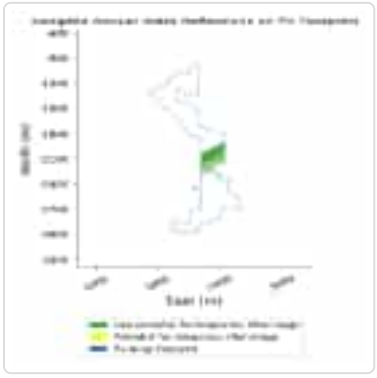
PV array is expected to produce the following glare for this receptor:

- 1,470 minutes of "green" glare with low potential to cause temporary after-image.
- 5 minutes of "yellow" glare with potential to cause temporary after-image.





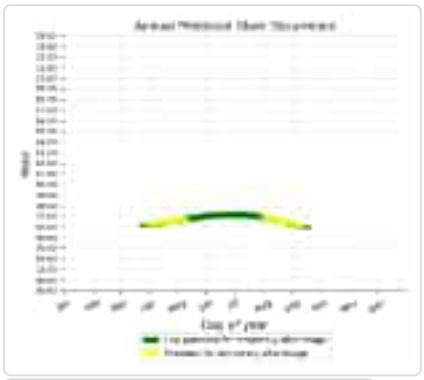


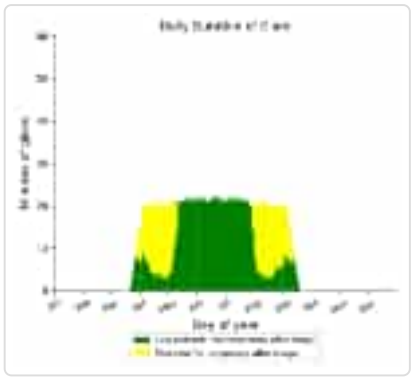


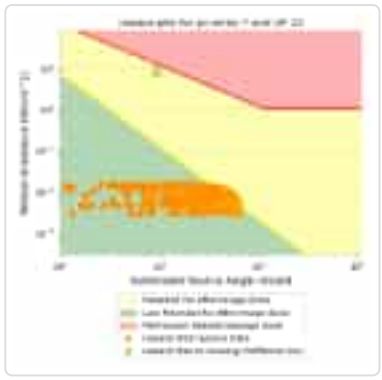
PV array 7: OP 15

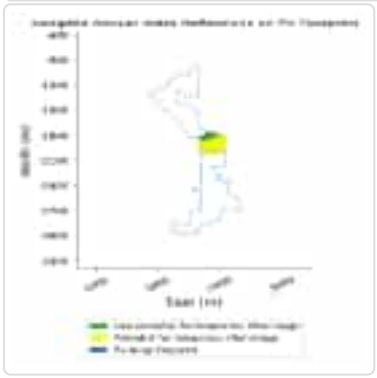
PV array is expected to produce the following glare for this receptor:

- 2,255 minutes of "green" glare with low potential to cause temporary after-image.
- 1,230 minutes of "yellow" glare with potential to cause temporary after-image.





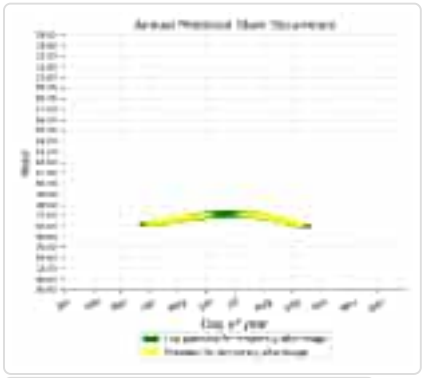


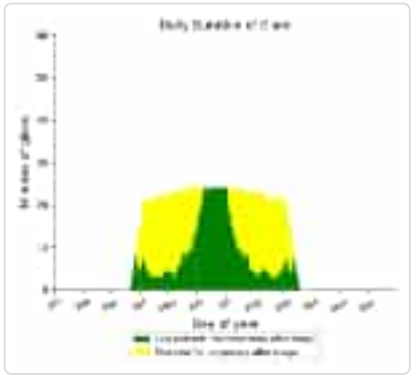


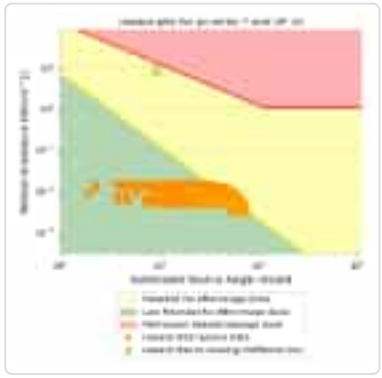
PV array 7: OP 16

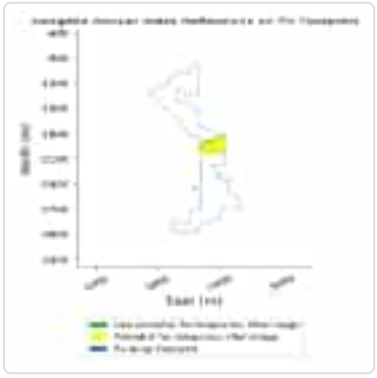
PV array is expected to produce the following glare for this receptor:

- 1,639 minutes of "green" glare with low potential to cause temporary after-image.
- 2,142 minutes of "yellow" glare with potential to cause temporary after-image.





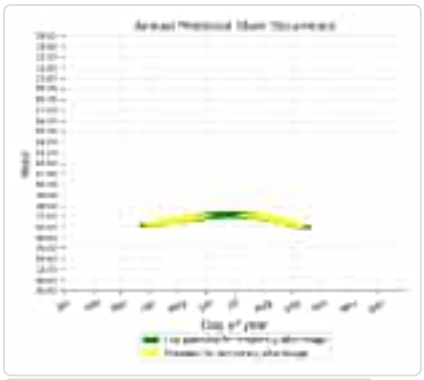


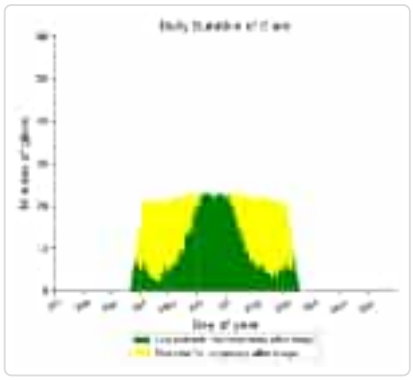


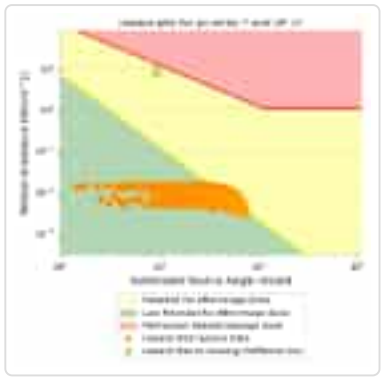
PV array 7: OP 17

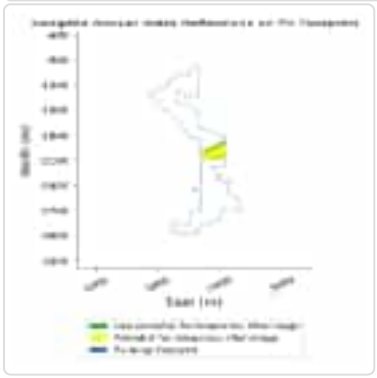
PV array is expected to produce the following glare for this receptor:

- 1,854 minutes of "green" glare with low potential to cause temporary after-image.
- 1,774 minutes of "yellow" glare with potential to cause temporary after-image.





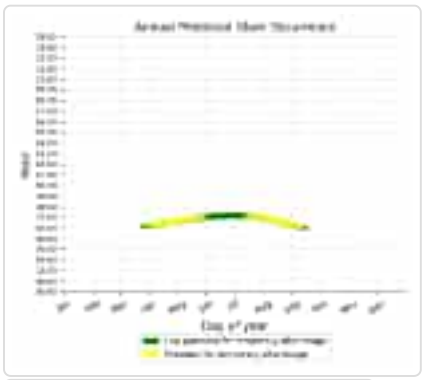


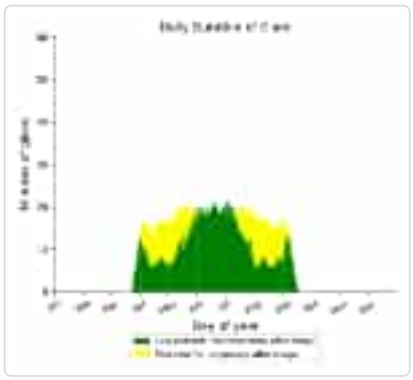


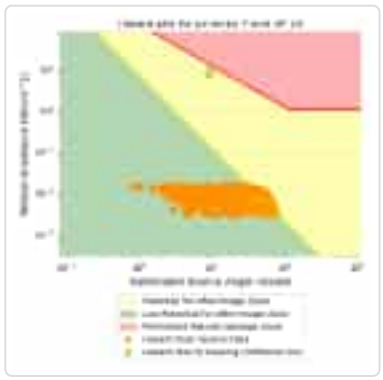
PV array 7: OP 18

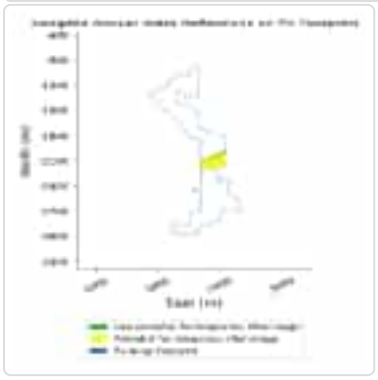
PV array is expected to produce the following glare for this receptor:

- 2,031 minutes of "green" glare with low potential to cause temporary after-image.
- 937 minutes of "yellow" glare with potential to cause temporary after-image.





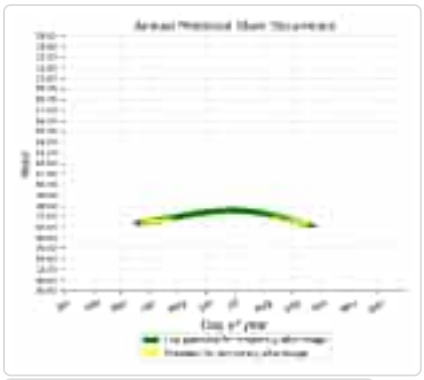


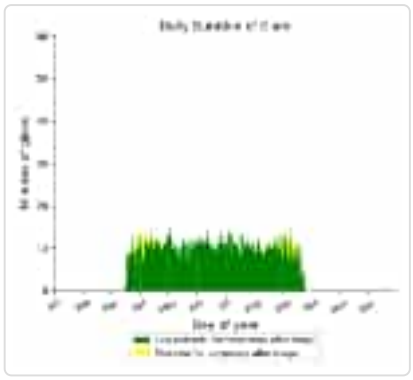


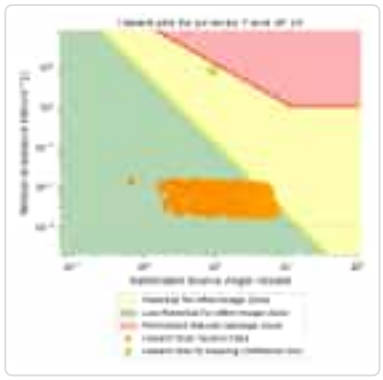
PV array 7: OP 19

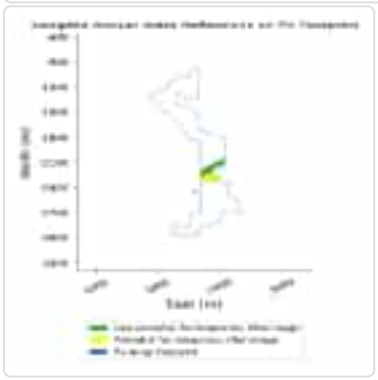
PV array is expected to produce the following glare for this receptor:

- 2,000 minutes of "green" glare with low potential to cause temporary after-image.
- 102 minutes of "yellow" glare with potential to cause temporary after-image.





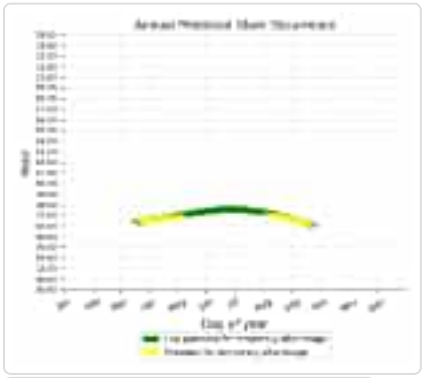


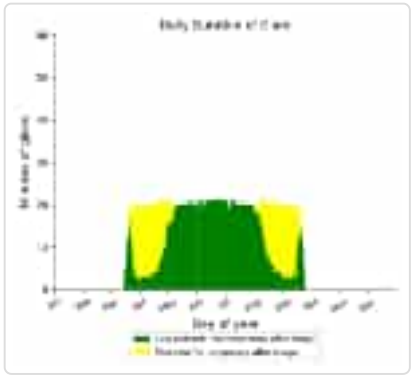


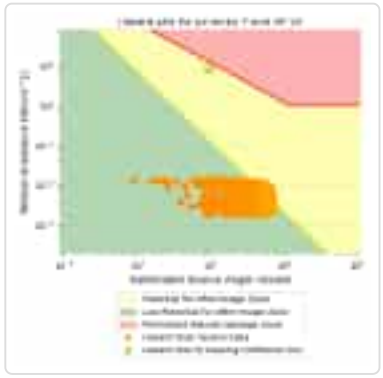
PV array 7: OP 20

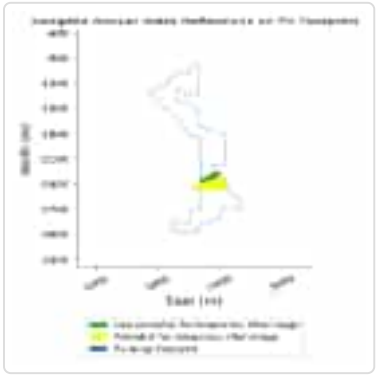
PV array is expected to produce the following glare for this receptor:

- 2,581 minutes of "green" glare with low potential to cause temporary after-image.
- 1,249 minutes of "yellow" glare with potential to cause temporary after-image.





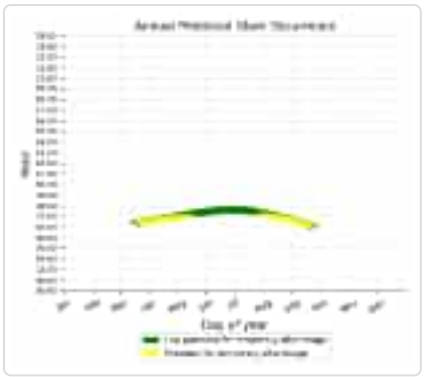


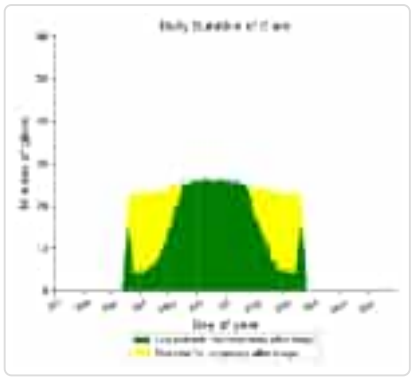


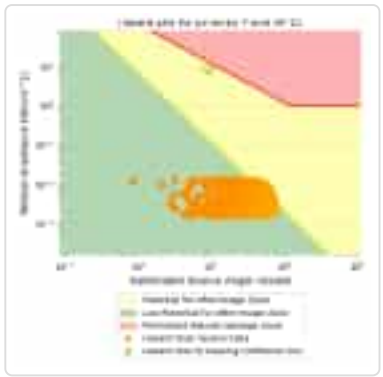
PV array 7: OP 21

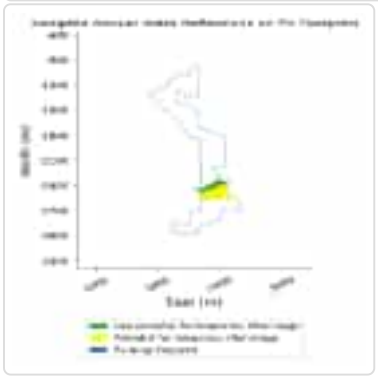
PV array is expected to produce the following glare for this receptor:

- 3,089 minutes of "green" glare with low potential to cause temporary after-image.
- 1,552 minutes of "yellow" glare with potential to cause temporary after-image.





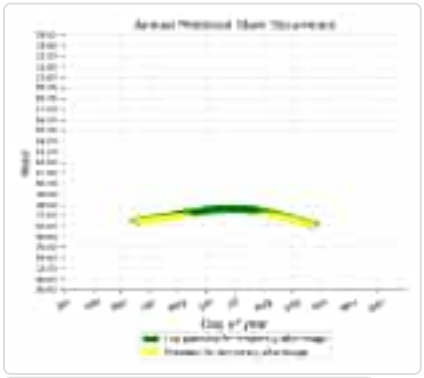


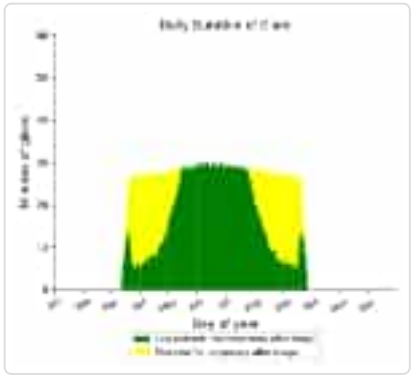


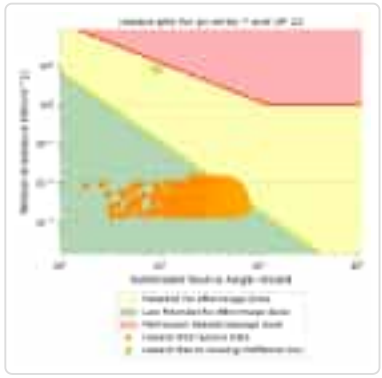
PV array 7: OP 22

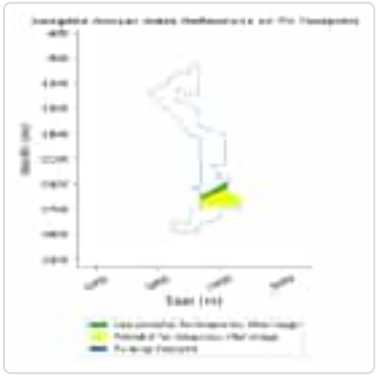
PV array is expected to produce the following glare for this receptor:

- 3,532 minutes of "green" glare with low potential to cause temporary after-image.
- 1,848 minutes of "yellow" glare with potential to cause temporary after-image.





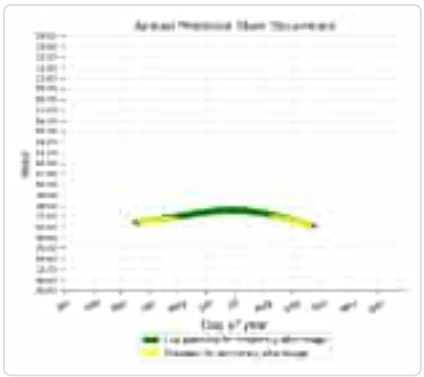


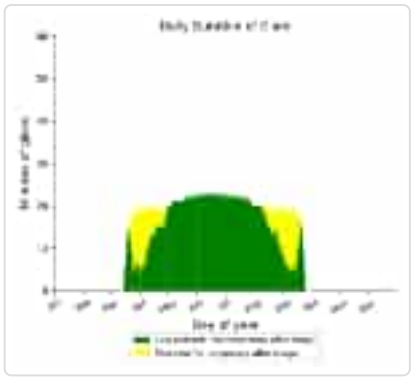


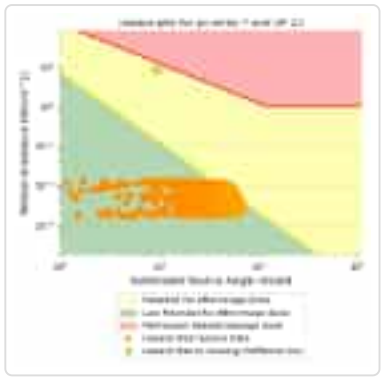
PV array 7: OP 23

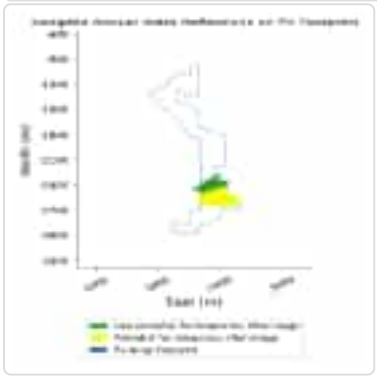
PV array is expected to produce the following glare for this receptor:

- 3,187 minutes of "green" glare with low potential to cause temporary after-image.
- 696 minutes of "yellow" glare with potential to cause temporary after-image.





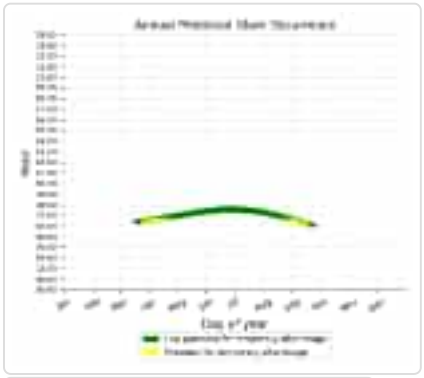


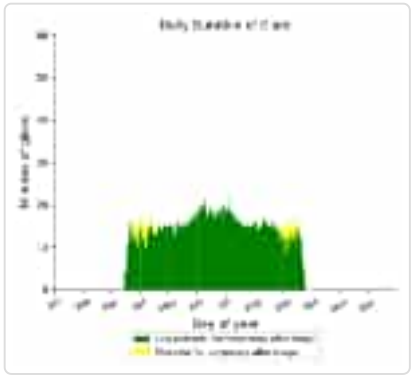


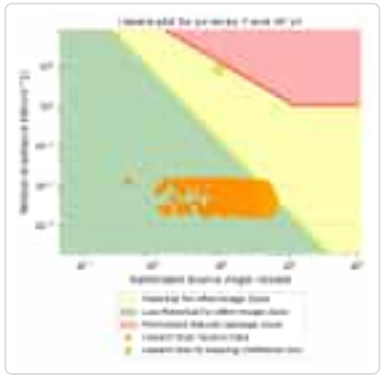
PV array 7: OP 24

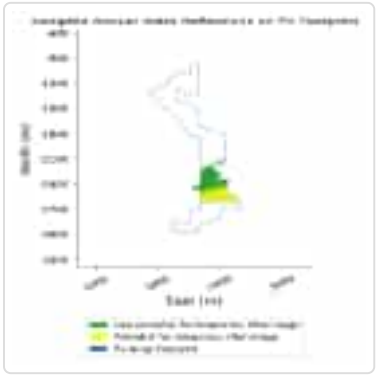
PV array is expected to produce the following glare for this receptor:

- 2,843 minutes of "green" glare with low potential to cause temporary after-image.
- 122 minutes of "yellow" glare with potential to cause temporary after-image.









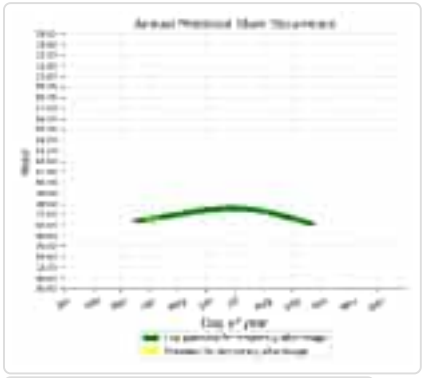
PV array 7: OP 25

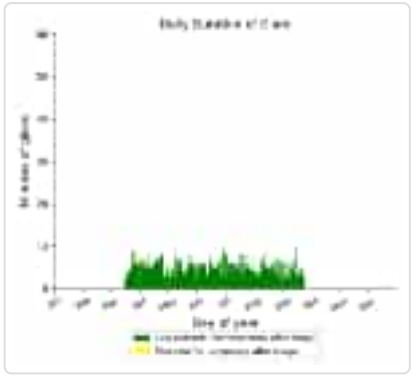
No glare found

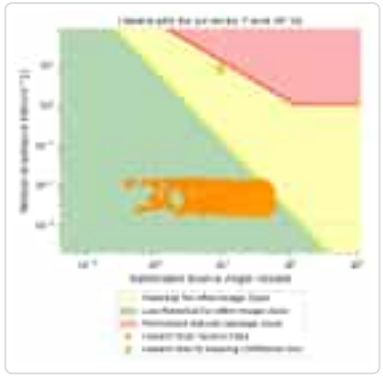
PV array 7: OP 26

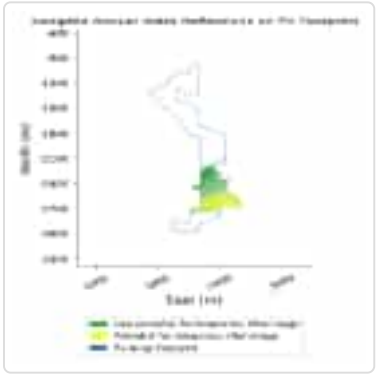
PV array is expected to produce the following glare for this receptor:

- 1,020 minutes of "green" glare with low potential to cause temporary after-image.
- 5 minutes of "yellow" glare with potential to cause temporary after-image.





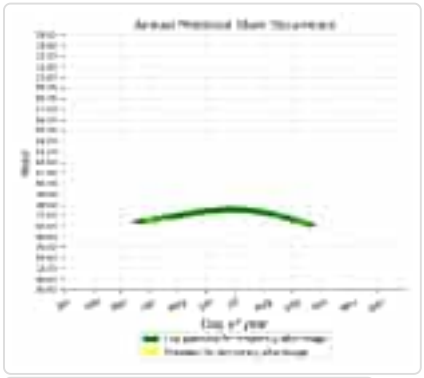


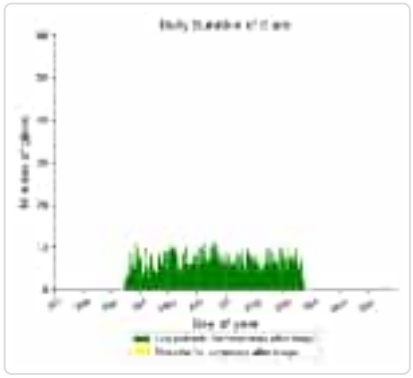


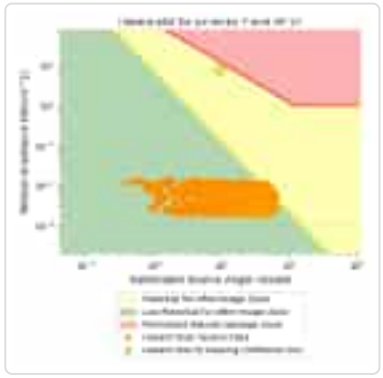
PV array 7: OP 27

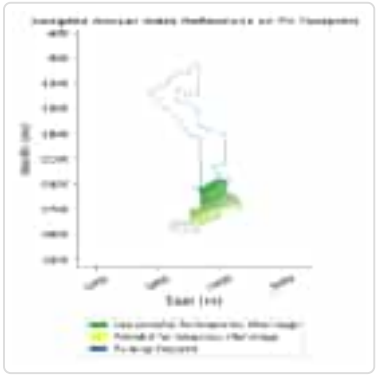
PV array is expected to produce the following glare for this receptor:

- 1,353 minutes of "green" glare with low potential to cause temporary after-image.
- 10 minutes of "yellow" glare with potential to cause temporary after-image.





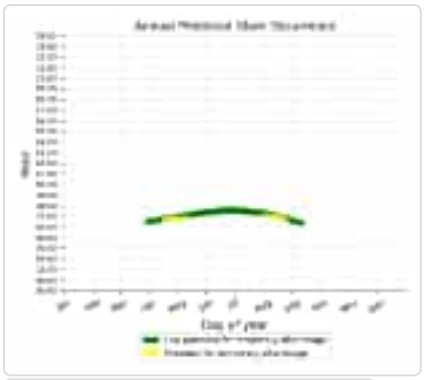


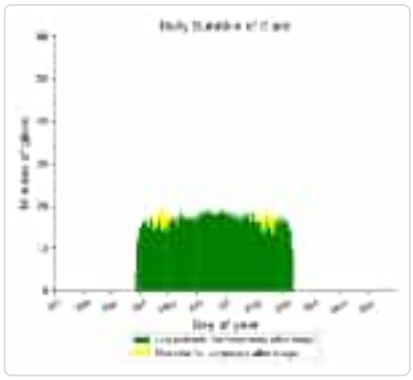


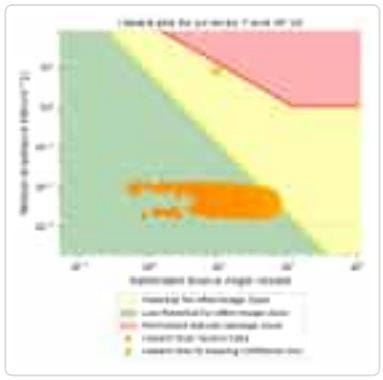
PV array 7: OP 28

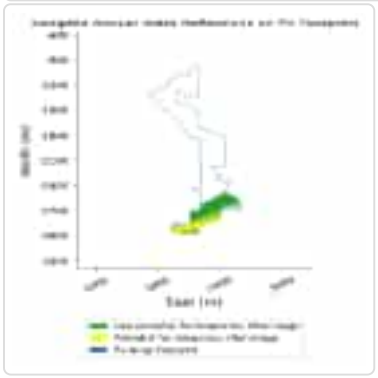
PV array is expected to produce the following glare for this receptor:

- 2,764 minutes of "green" glare with low potential to cause temporary after-image.
- 121 minutes of "yellow" glare with potential to cause temporary after-image.









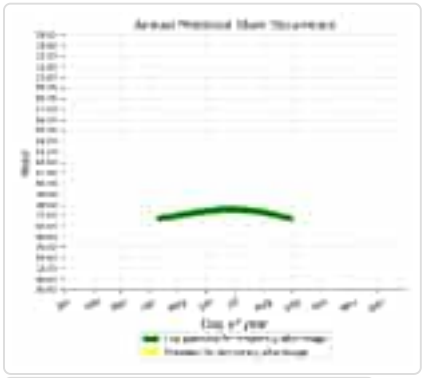
PV array 7: OP 29

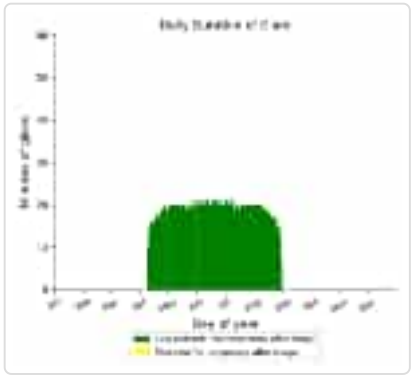
No glare found

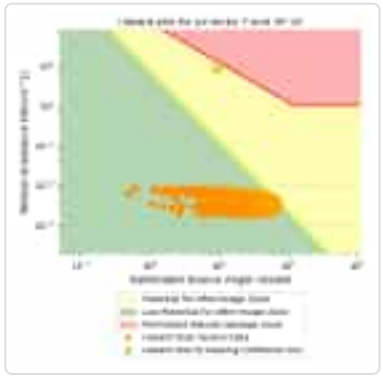
PV array 7: OP 30

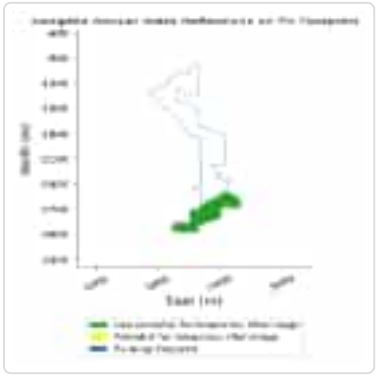
PV array is expected to produce the following glare for this receptor:

- 2,764 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





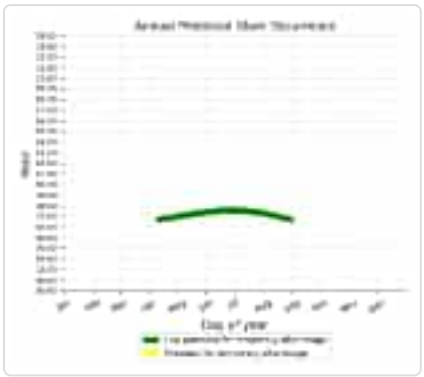


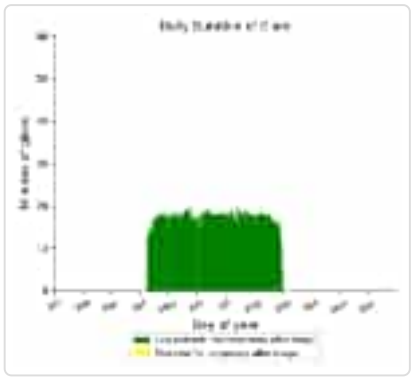


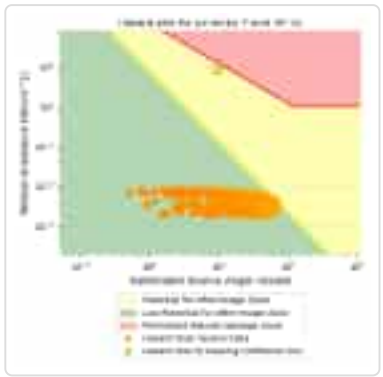
PV array 7: OP 31

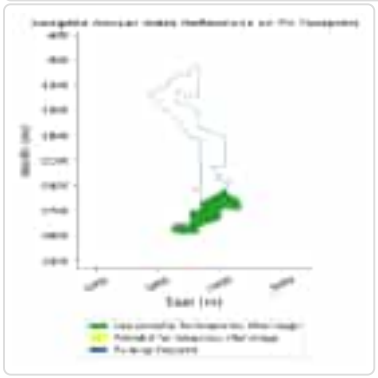
PV array is expected to produce the following glare for this receptor:

- 2,558 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





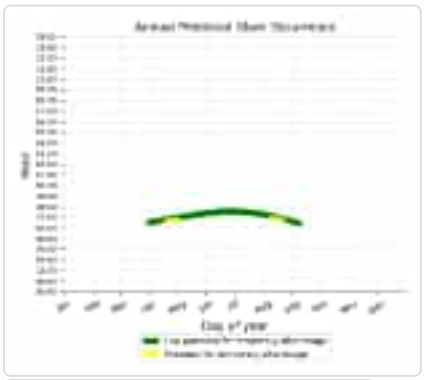


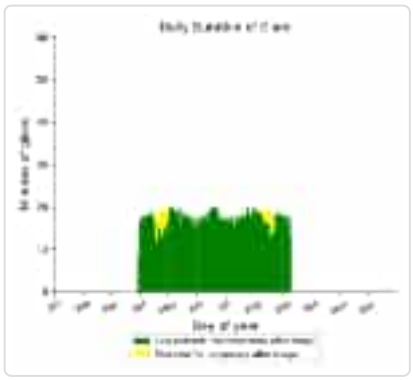


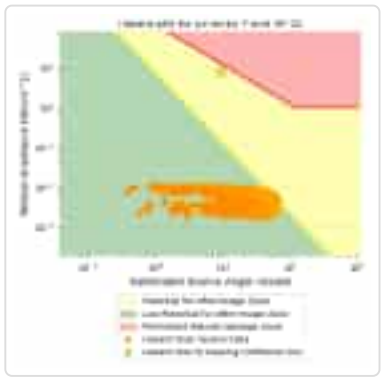
PV array 7: OP 32

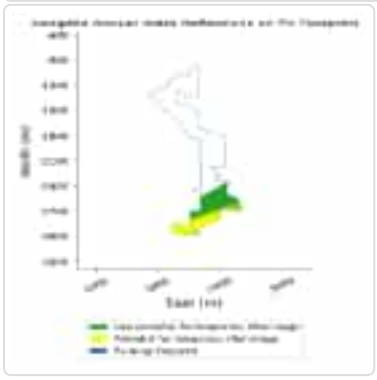
PV array is expected to produce the following glare for this receptor:

- 2,859 minutes of "green" glare with low potential to cause temporary after-image.
- 120 minutes of "yellow" glare with potential to cause temporary after-image.





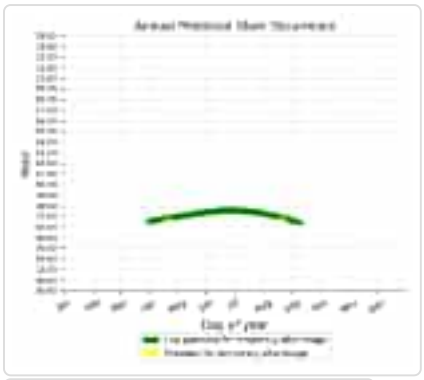


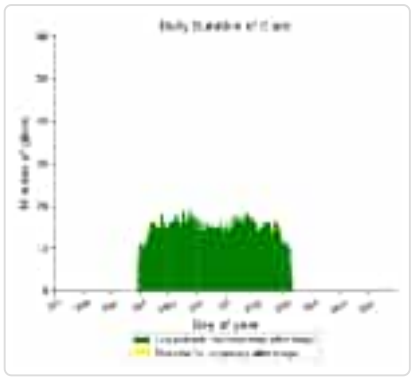


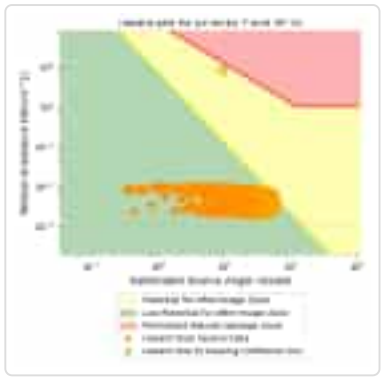
PV array 7: OP 33

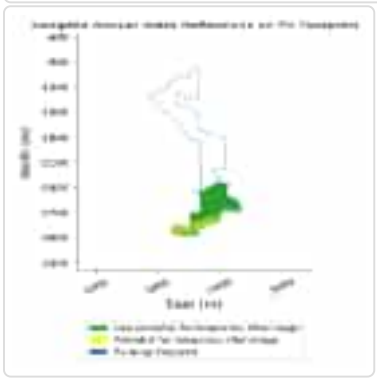
PV array is expected to produce the following glare for this receptor:

- 2,516 minutes of "green" glare with low potential to cause temporary after-image.
- 11 minutes of "yellow" glare with potential to cause temporary after-image.





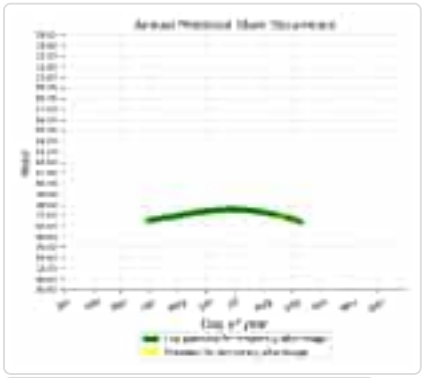


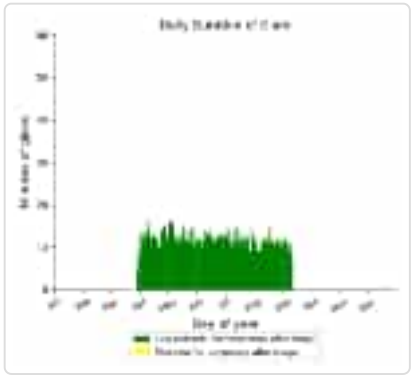


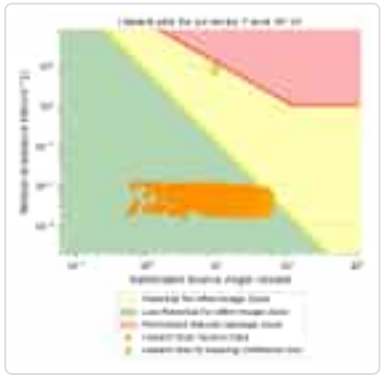
PV array 7: OP 34

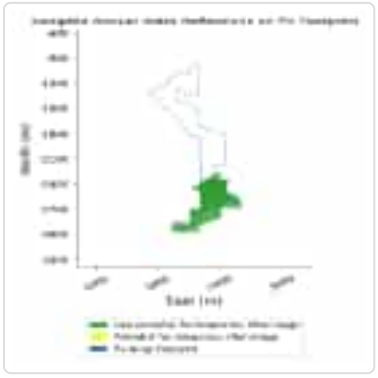
PV array is expected to produce the following glare for this receptor:

- 2,027 minutes of "green" glare with low potential to cause temporary after-image.
- 5 minutes of "yellow" glare with potential to cause temporary after-image.









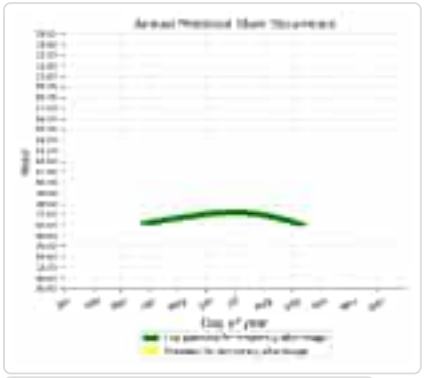
PV array 7: OP 35

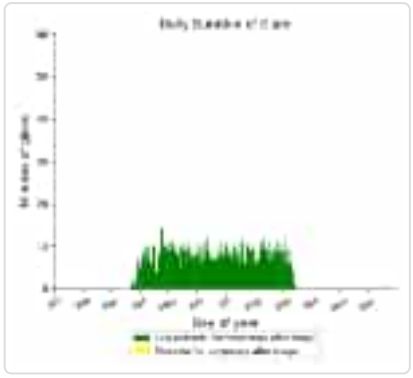
No glare found

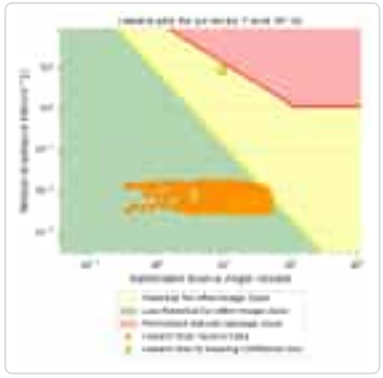
PV array 7: OP 36

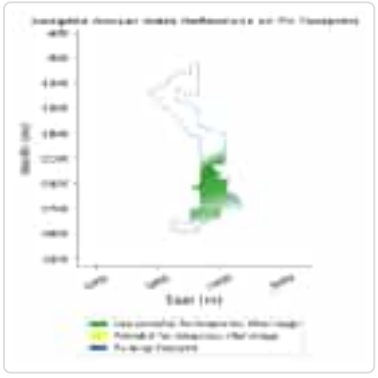
PV array is expected to produce the following glare for this receptor:

- 1,460 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





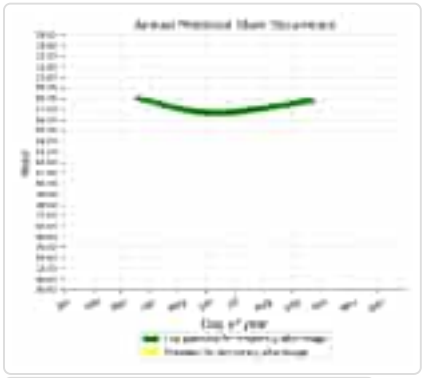


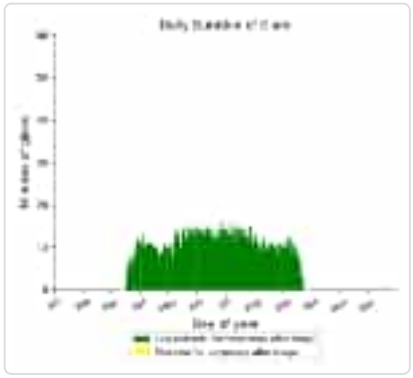


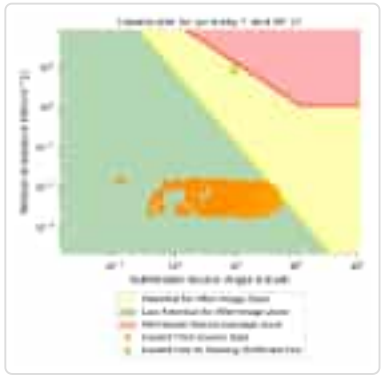
PV array 7: OP 37

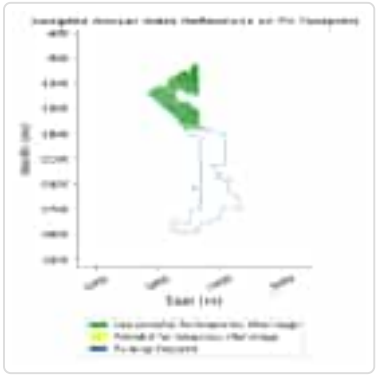
PV array is expected to produce the following glare for this receptor:

- 2,176 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





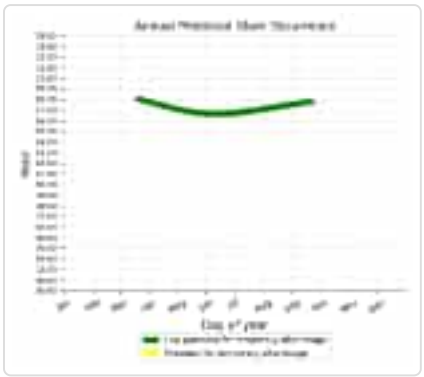


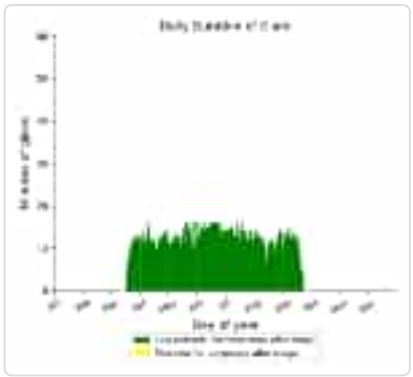


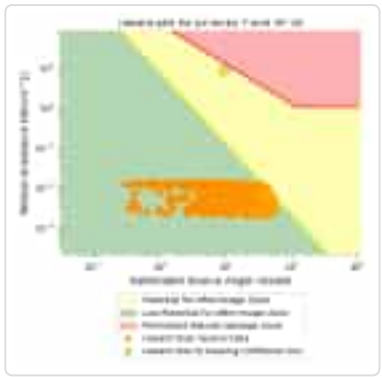
PV array 7: OP 38

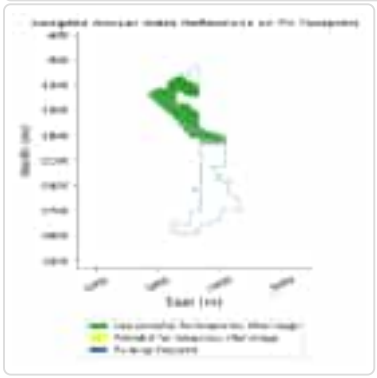
PV array is expected to produce the following glare for this receptor:

- 2,446 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





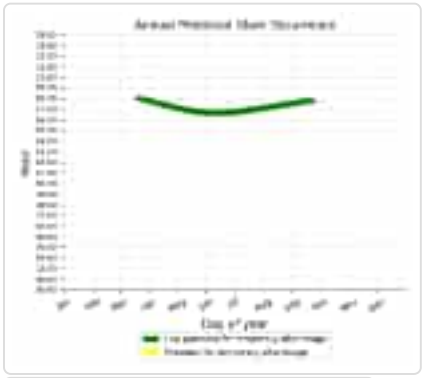


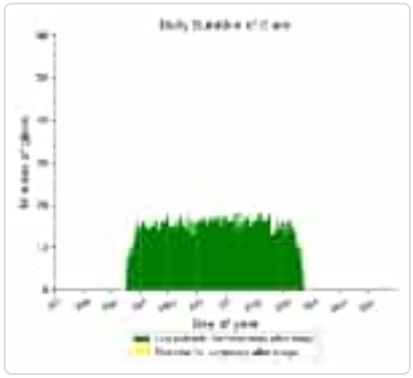


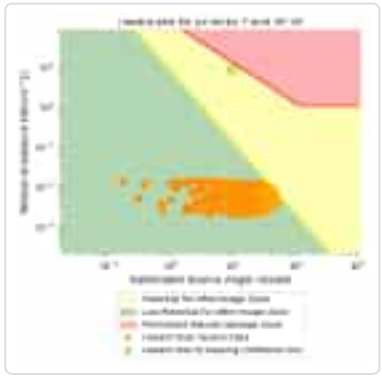
PV array 7: OP 39

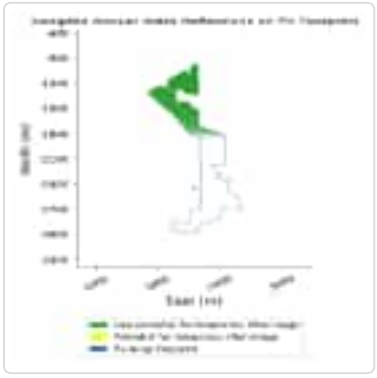
PV array is expected to produce the following glare for this receptor:

- 2,864 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





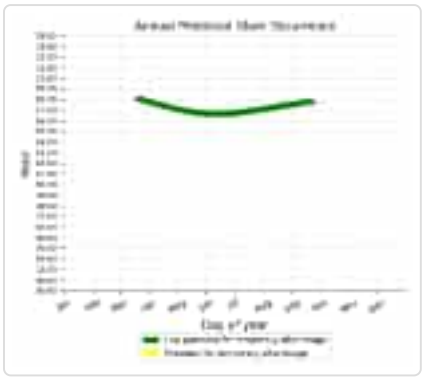


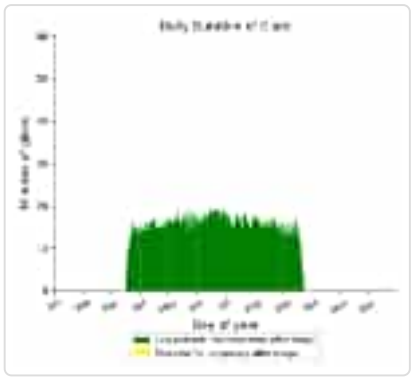


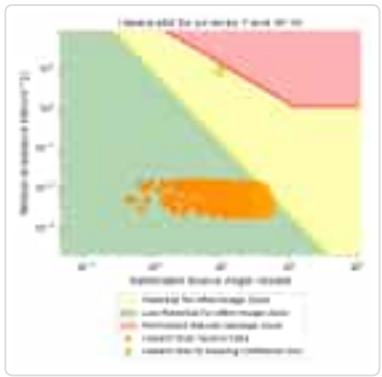
PV array 7: OP 40

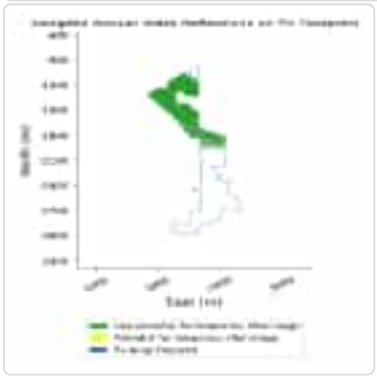
PV array is expected to produce the following glare for this receptor:

- 3,030 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





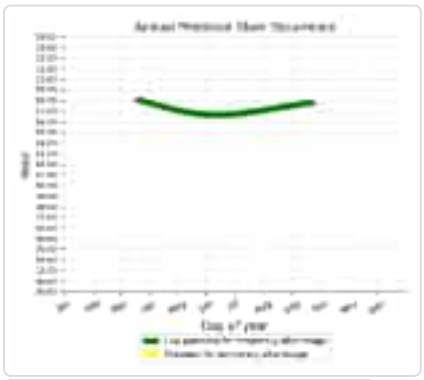


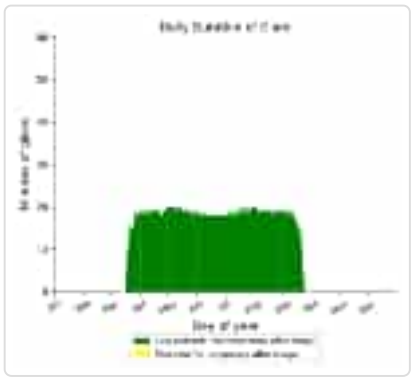


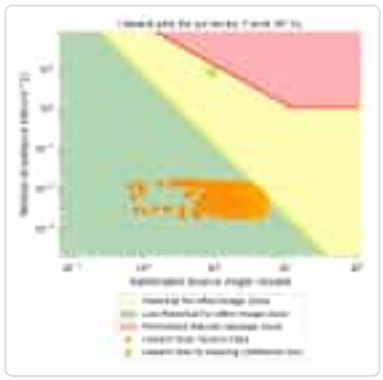
PV array 7: OP 41

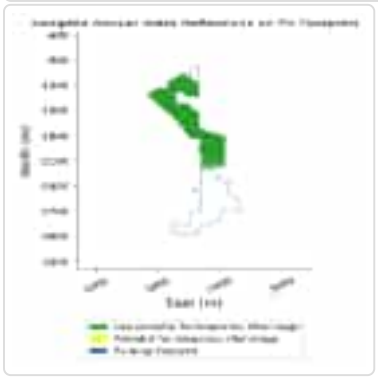
PV array is expected to produce the following glare for this receptor:

- 3,486 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





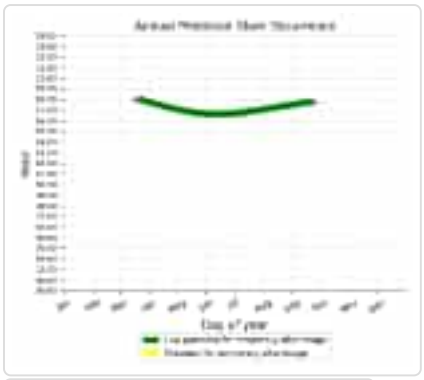


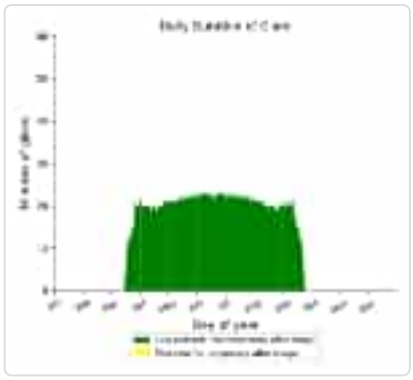


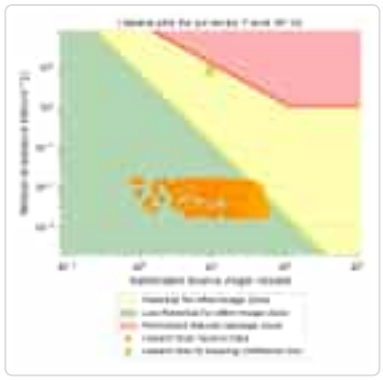
PV array 7: OP 42

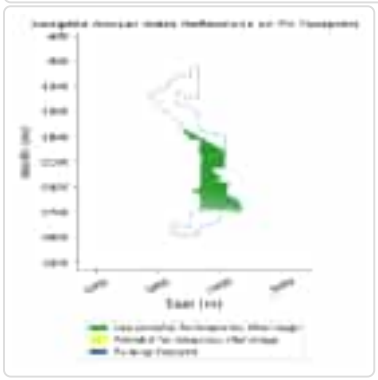
PV array is expected to produce the following glare for this receptor:

- 3,894 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





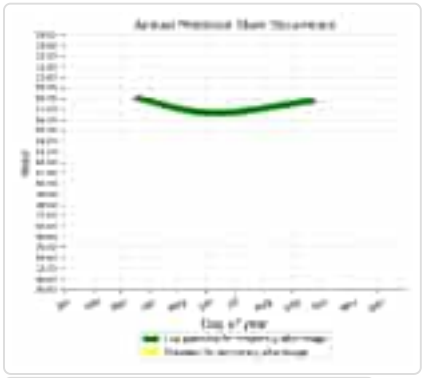


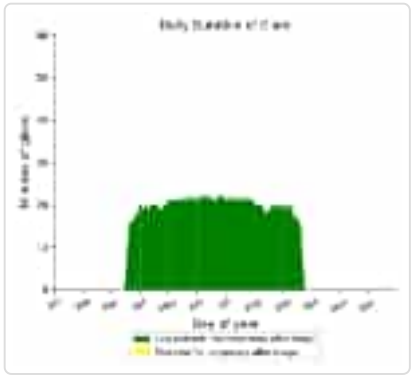


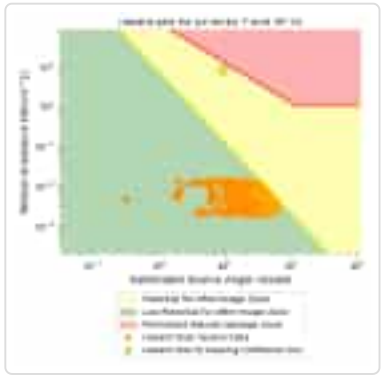
PV array 7: OP 43

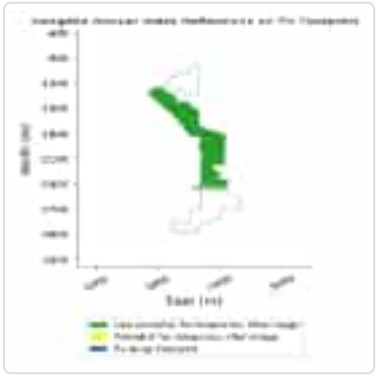
PV array is expected to produce the following glare for this receptor:

- 3,783 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





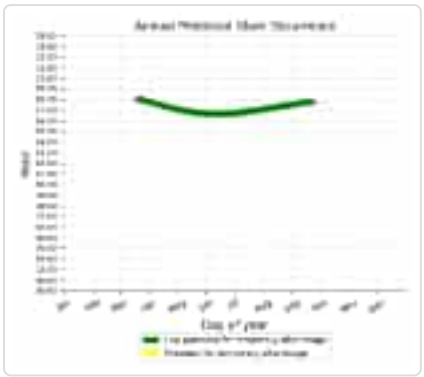


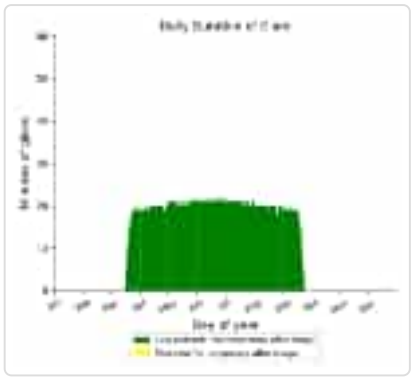


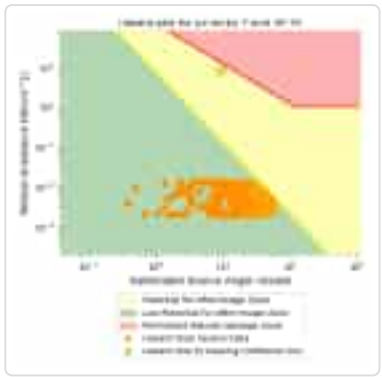
PV array 7: OP 44

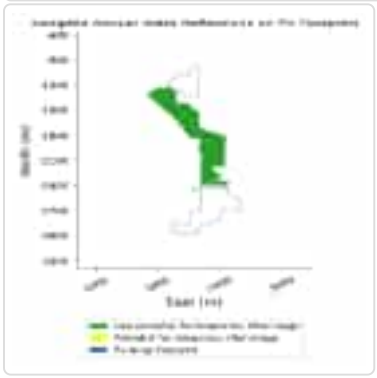
PV array is expected to produce the following glare for this receptor:

- 3,778 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





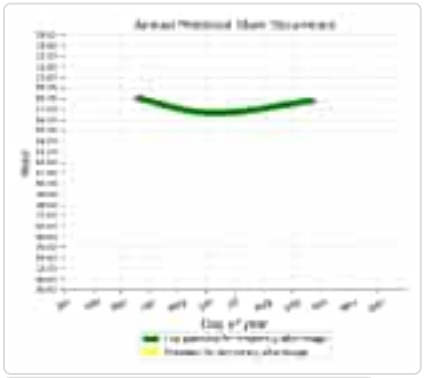


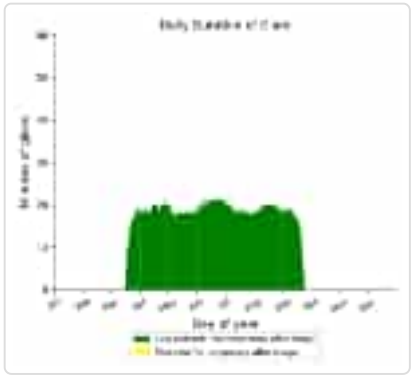


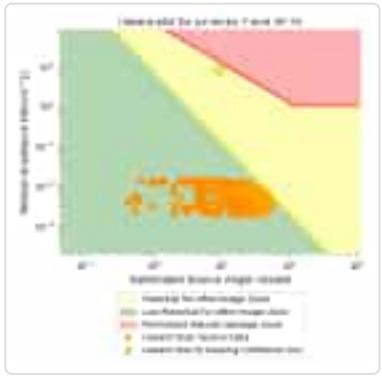
PV array 7: OP 45

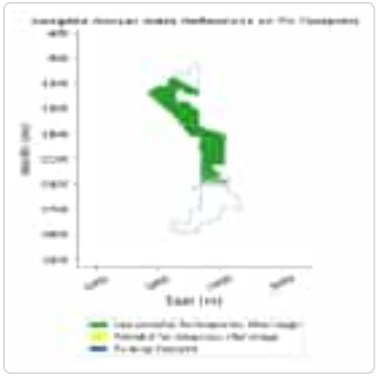
PV array is expected to produce the following glare for this receptor:

- 3,557 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





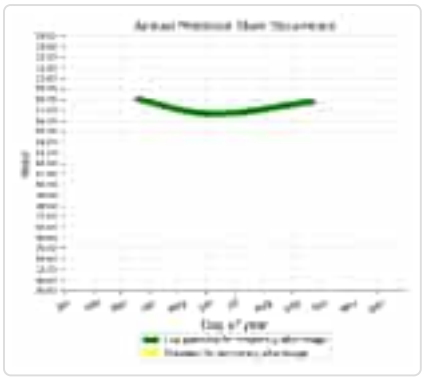


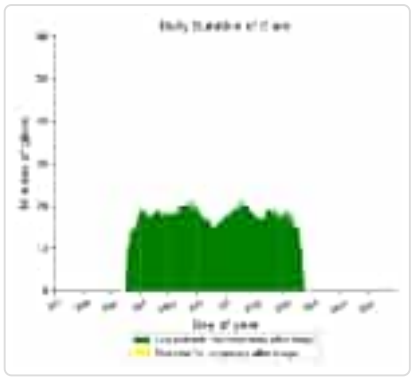


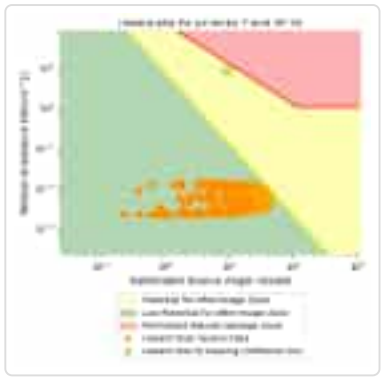
PV array 7: OP 46

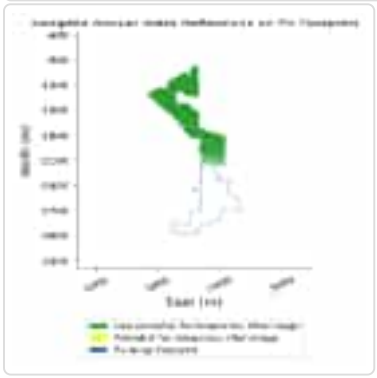
PV array is expected to produce the following glare for this receptor:

- 3,354 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





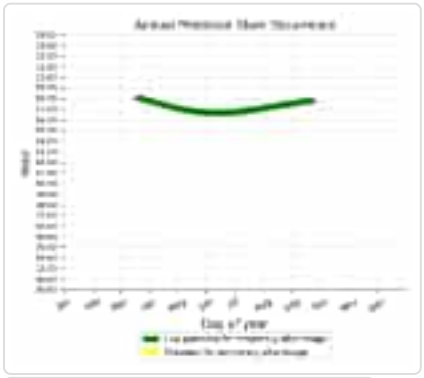


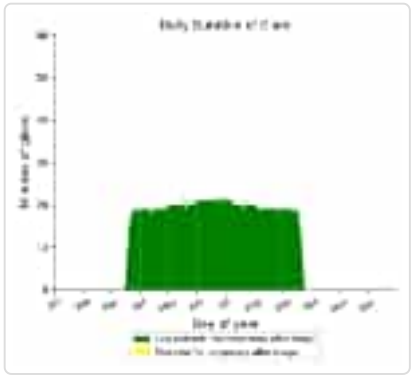


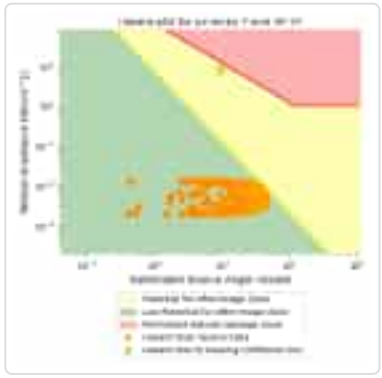
PV array 7: OP 47

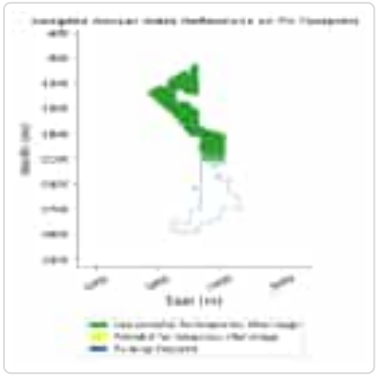
PV array is expected to produce the following glare for this receptor:

- 3,675 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





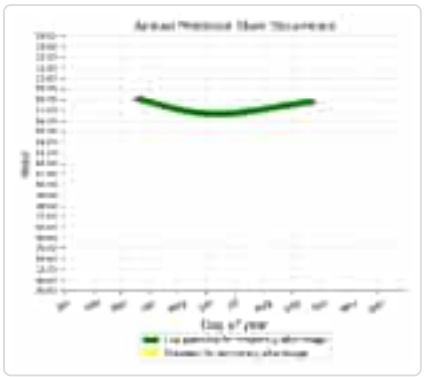


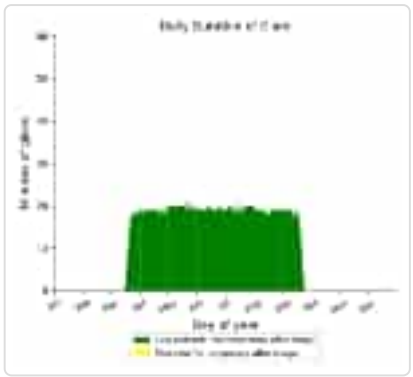


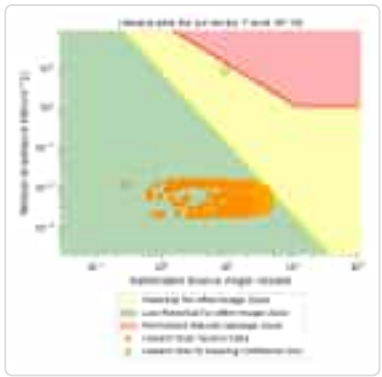
PV array 7: OP 48

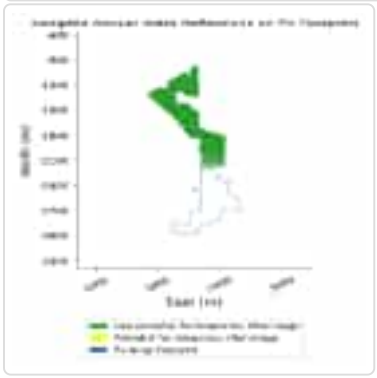
PV array is expected to produce the following glare for this receptor:

- 3,564 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





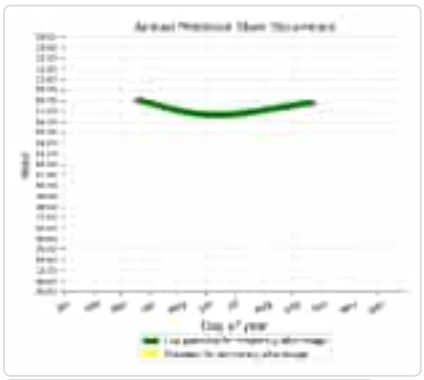


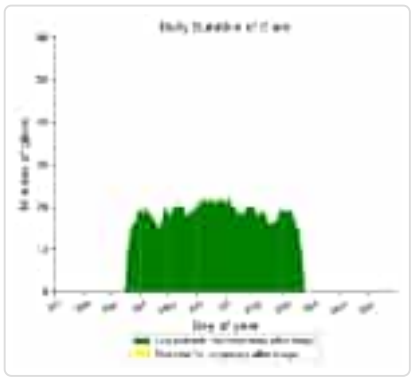


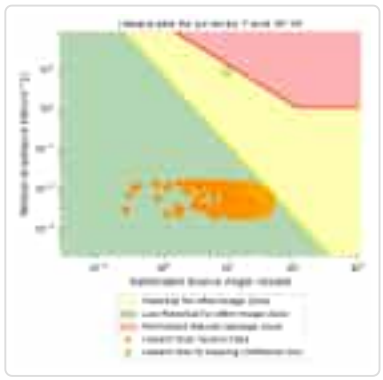
PV array 7: OP 49

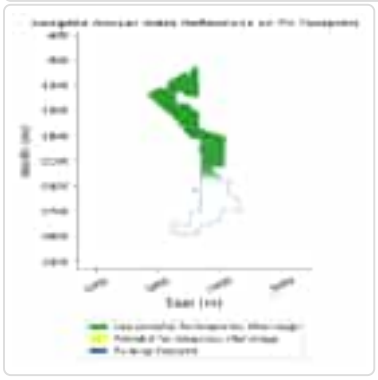
PV array is expected to produce the following glare for this receptor:

- 3,525 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





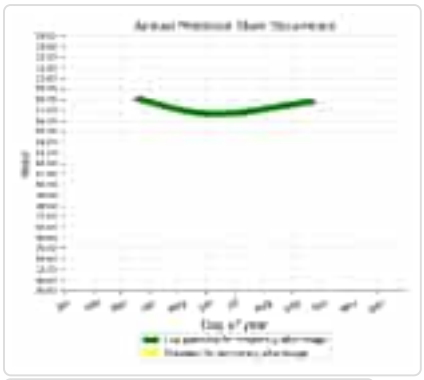


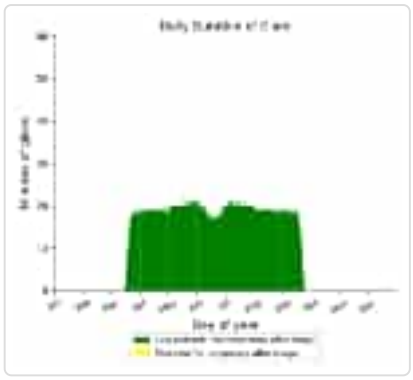


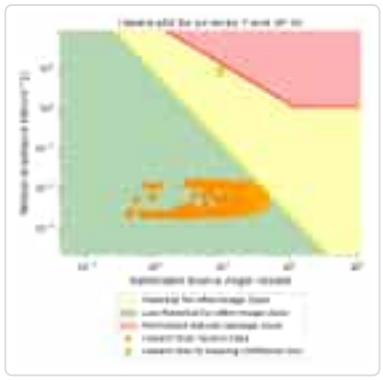
PV array 7: OP 50

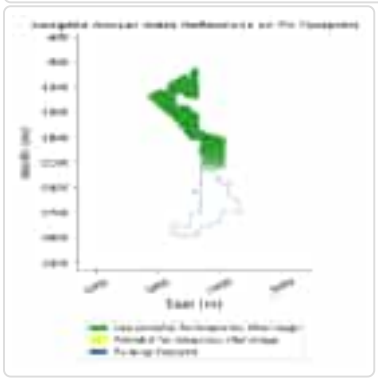
PV array is expected to produce the following glare for this receptor:

- 3,595 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





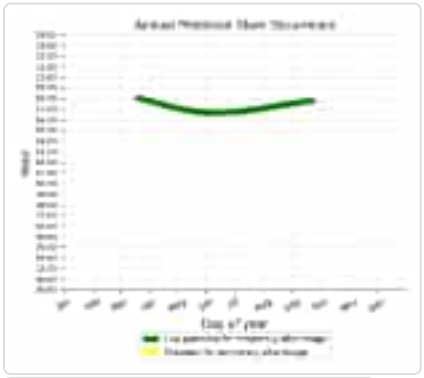


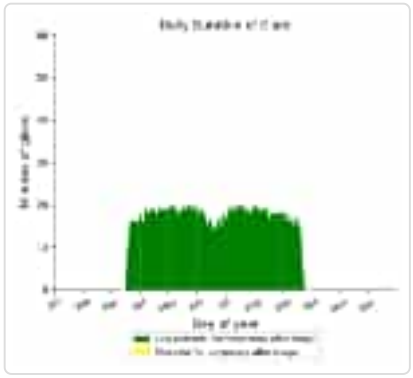


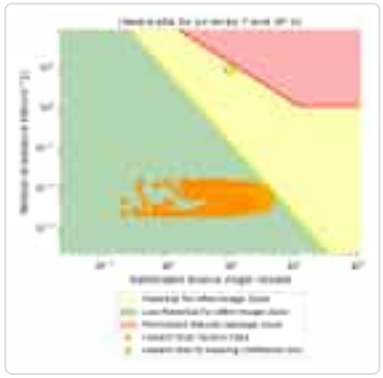
PV array 7: OP 51

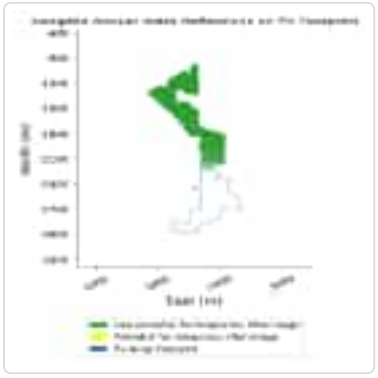
PV array is expected to produce the following glare for this receptor:

- 3,366 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





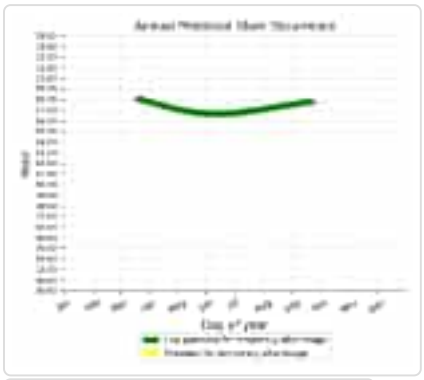


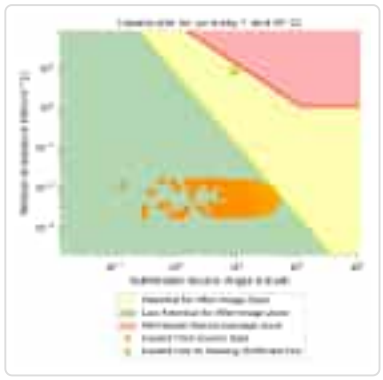


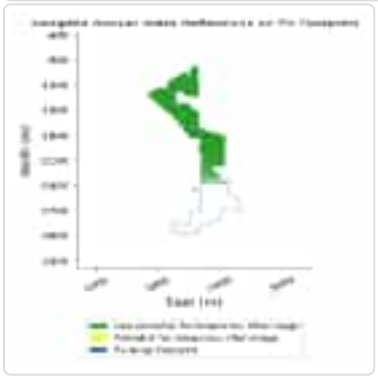
PV array 7: OP 52

PV array is expected to produce the following glare for this receptor:

- 3,574 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



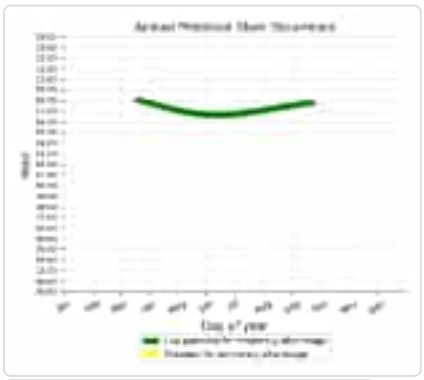


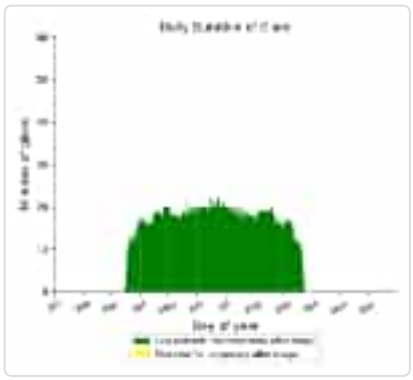


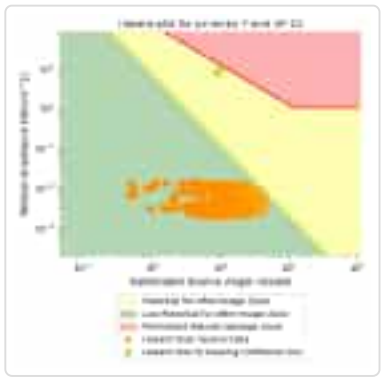
PV array 7: OP 53

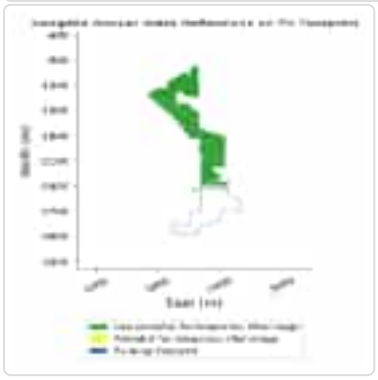
PV array is expected to produce the following glare for this receptor:

- 3,375 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





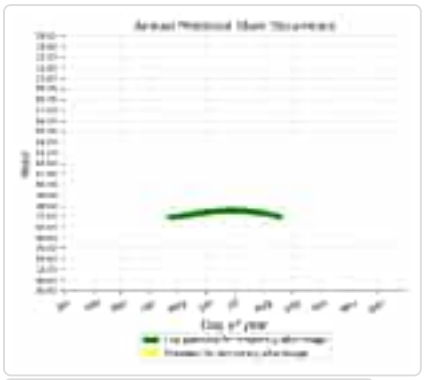


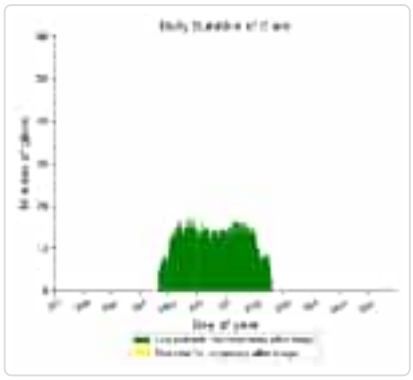


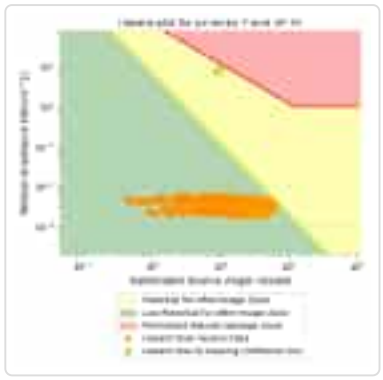
PV array 7: OP 54

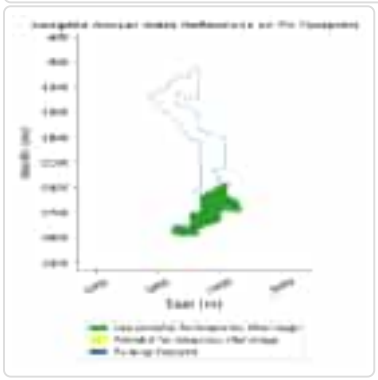
PV array is expected to produce the following glare for this receptor:

- 1,569 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





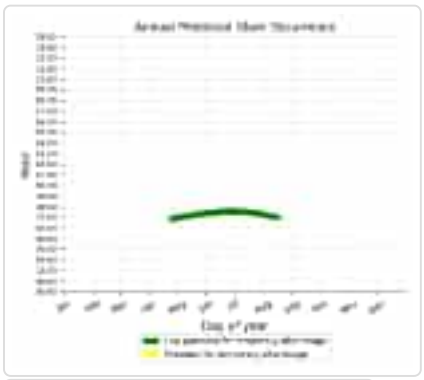


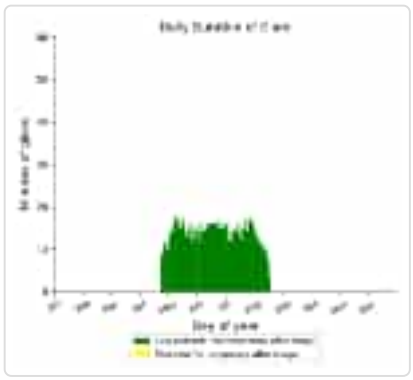


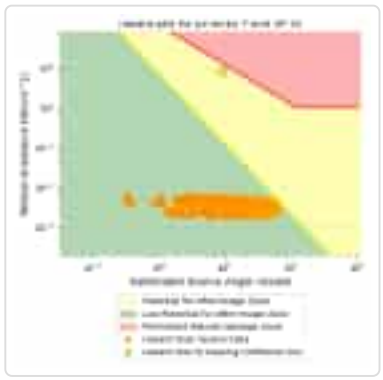
PV array 7: OP 55

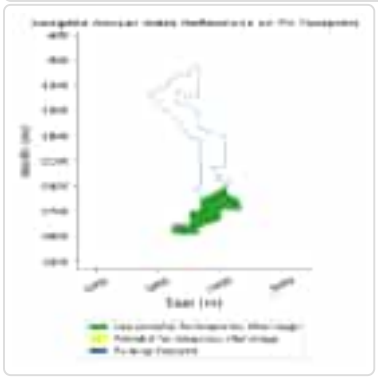
PV array is expected to produce the following glare for this receptor:

- 1,653 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





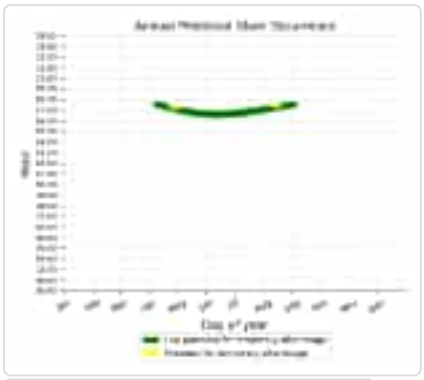


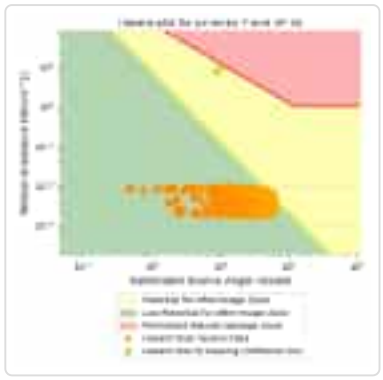


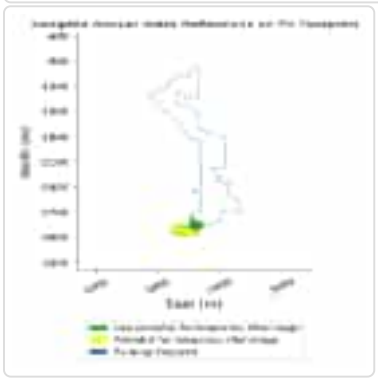
PV array 7: OP 56

PV array is expected to produce the following glare for this receptor:

- 3,601 minutes of "green" glare with low potential to cause temporary after-image.
- 83 minutes of "yellow" glare with potential to cause temporary after-image.



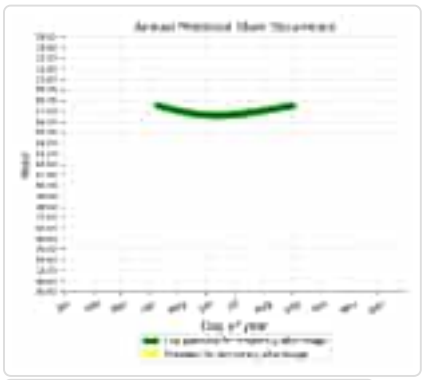


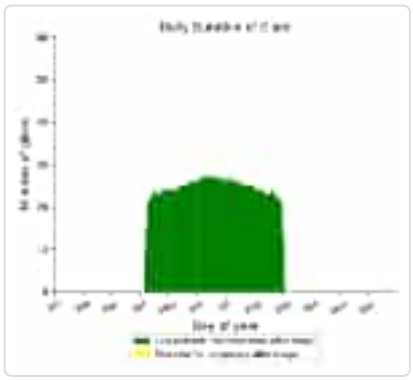


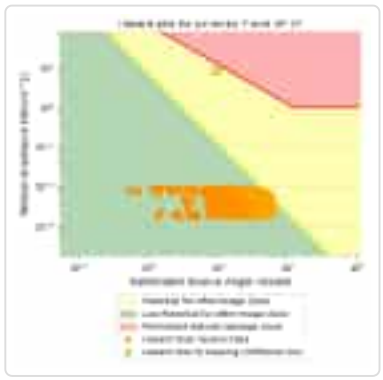
PV array 7: OP 57

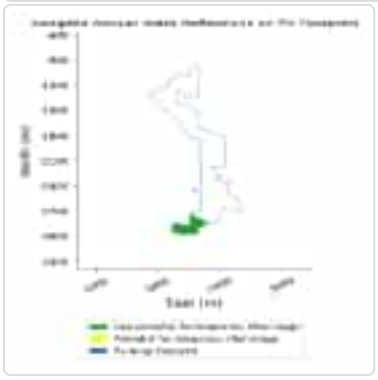
PV array is expected to produce the following glare for this receptor:

- 3,648 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





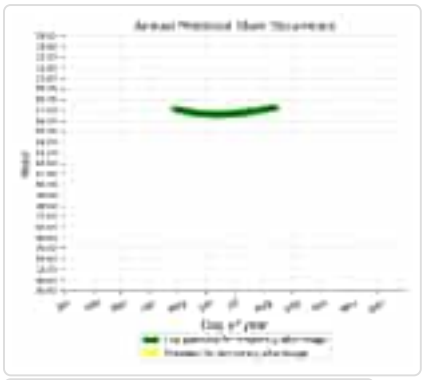


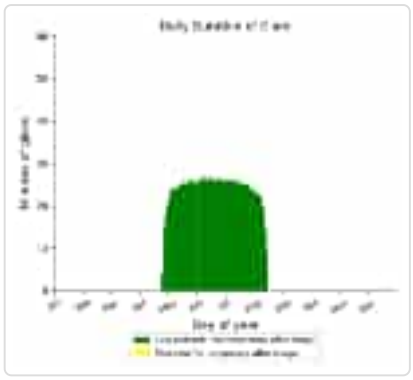


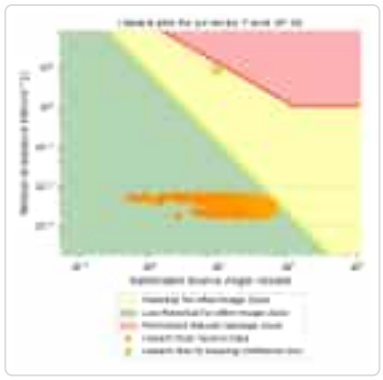
PV array 7: OP 58

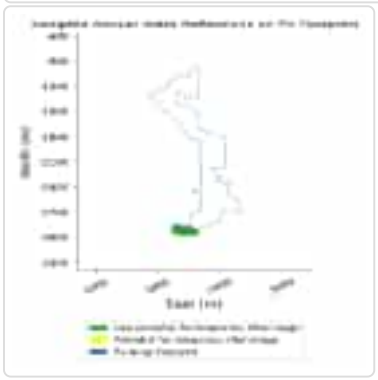
PV array is expected to produce the following glare for this receptor:

- 2,727 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 59

No glare found

PV array 7: OP 60

No glare found

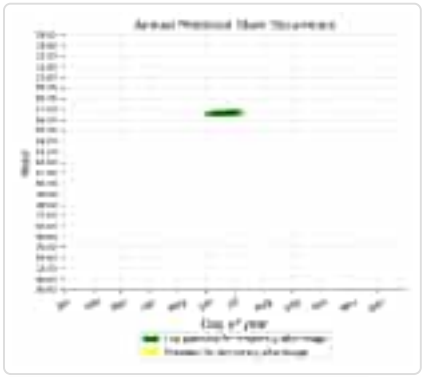
PV array 7: OP 61

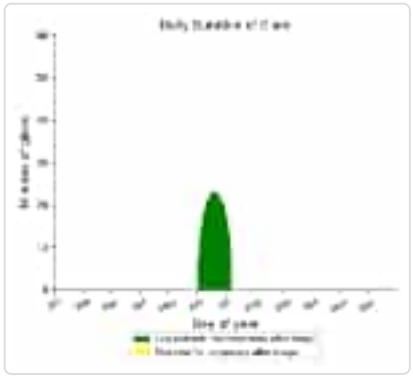
No glare found

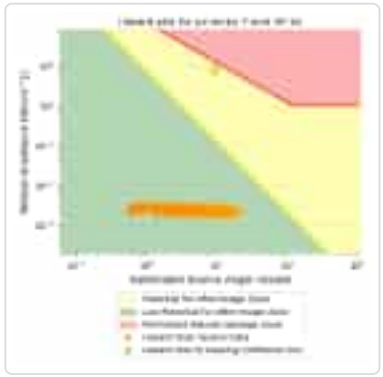
PV array 7: OP 62

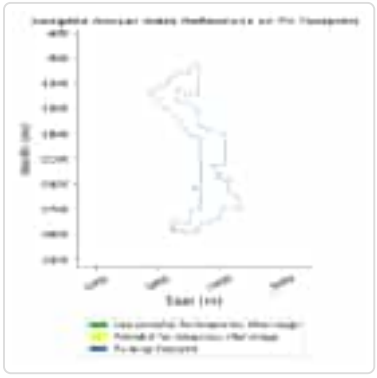
PV array is expected to produce the following glare for this receptor:

- 687 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 63

No glare found

PV array 7: OP 64

No glare found

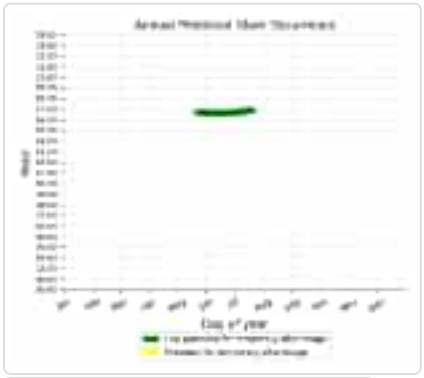
PV array 7: OP 65

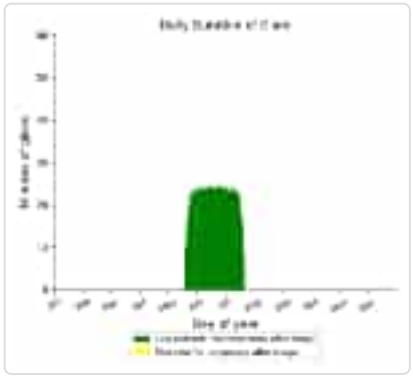
No glare found

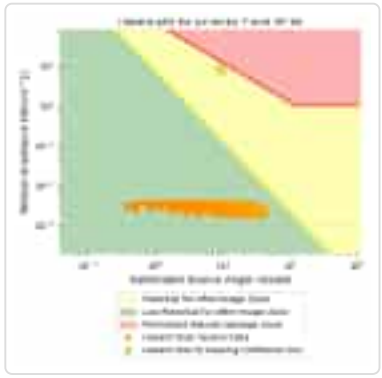
PV array 7: OP 66

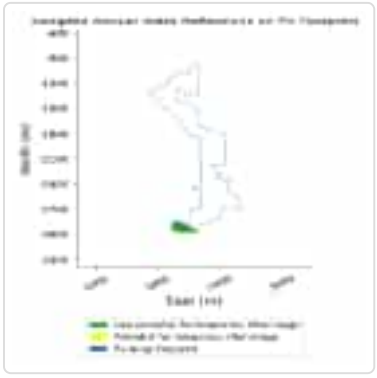
PV array is expected to produce the following glare for this receptor:

- 1,438 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





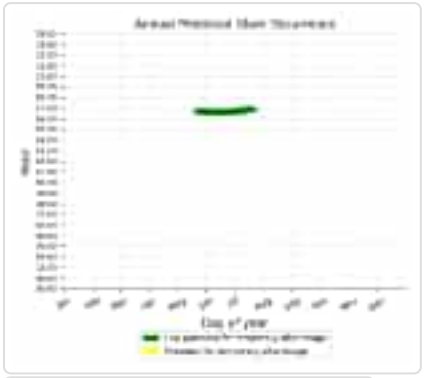


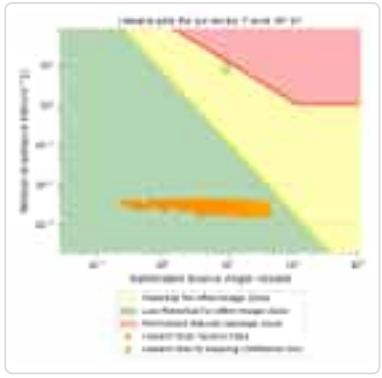


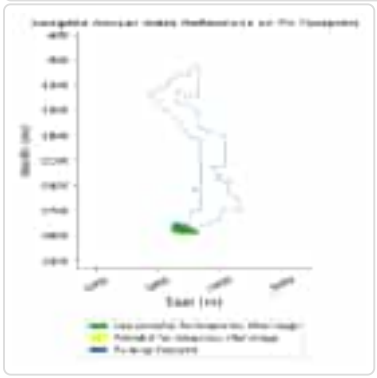
PV array 7: OP 67

PV array is expected to produce the following glare for this receptor:

- 1,470 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



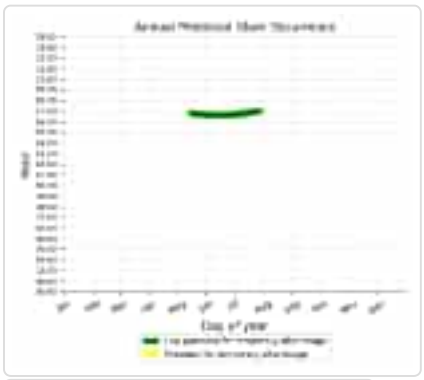


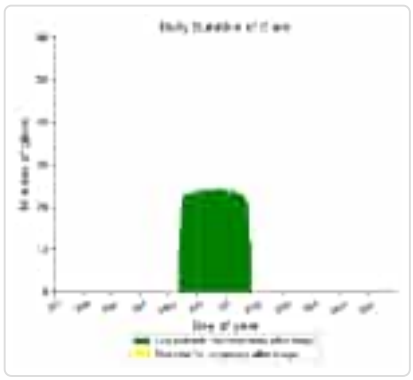


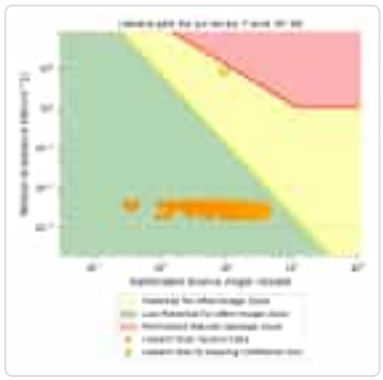
PV array 7: OP 68

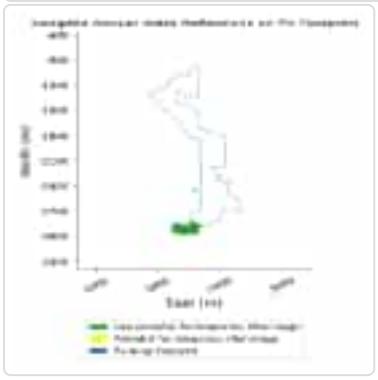
PV array is expected to produce the following glare for this receptor:

- 1,763 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





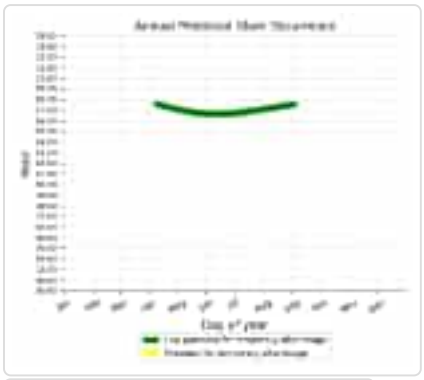


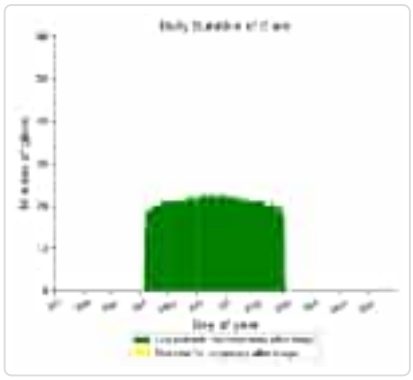


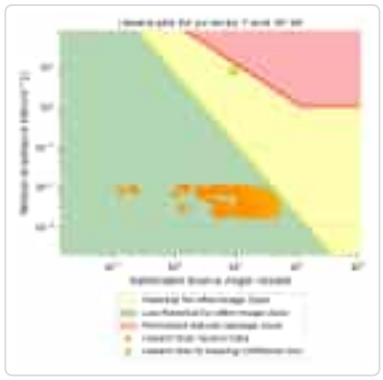
PV array 7: OP 69

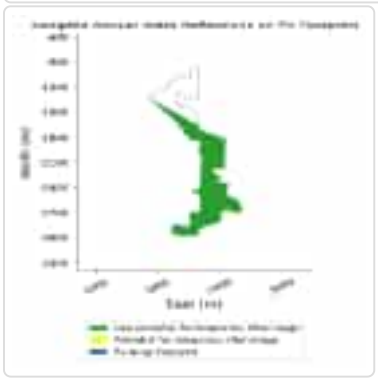
PV array is expected to produce the following glare for this receptor:

- 3,160 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





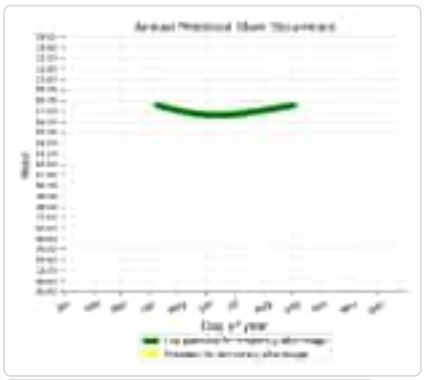
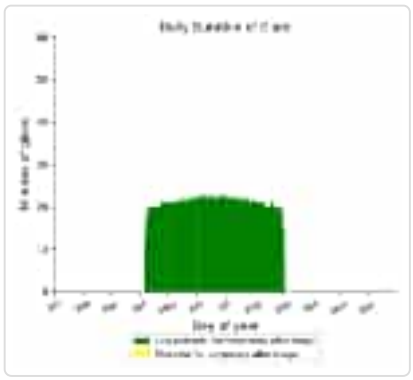
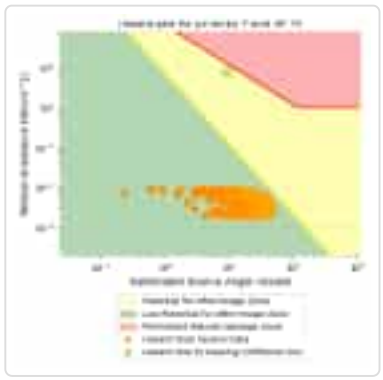
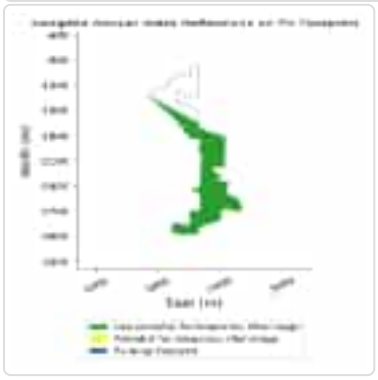




PV array 7: OP 70

PV array is expected to produce the following glare for this receptor:

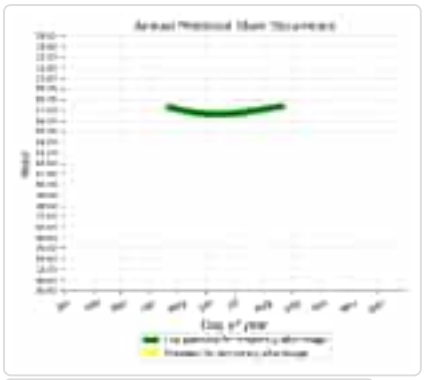
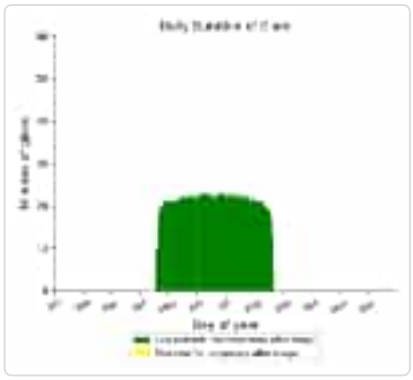
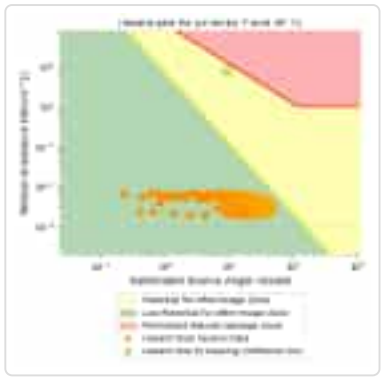
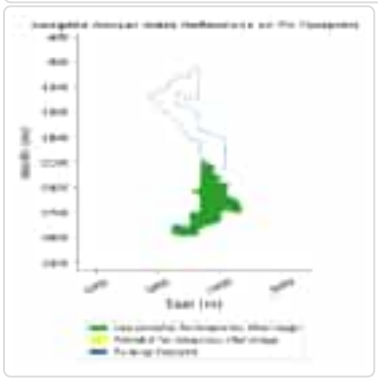
- 3,163 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 7: OP 71

PV array is expected to produce the following glare for this receptor:

- 2,683 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 7: OP 72

No glare found

PV array 7: OP 73

No glare found

PV array 7: OP 74

No glare found

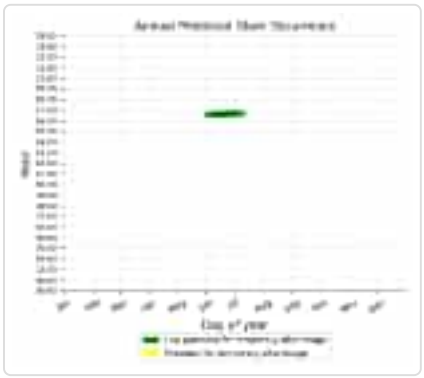
PV array 7: OP 75

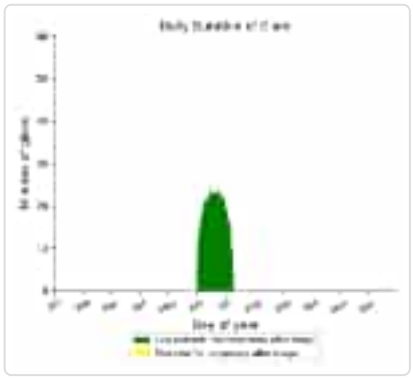
No glare found

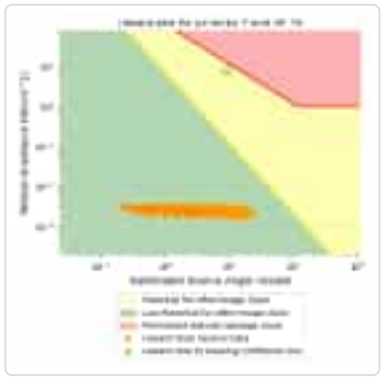
PV array 7: OP 76

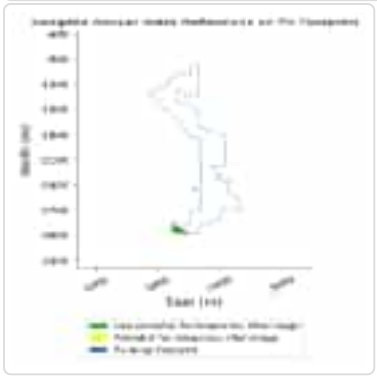
PV array is expected to produce the following glare for this receptor:

- 761 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 77

No glare found

PV array 7: OP 78

No glare found

PV array 7: OP 79

No glare found

PV array 7: OP 80

No glare found

PV array 8 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0

OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	206	0
OP: OP 9	444	0
OP: OP 10	532	0
OP: OP 11	74	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	226	0
OP: OP 22	0	0
OP: OP 23	478	0
OP: OP 24	372	0
OP: OP 25	498	0
OP: OP 26	863	0
OP: OP 27	1239	0
OP: OP 28	1833	0
OP: OP 29	0	0
OP: OP 30	1686	0
OP: OP 31	1692	0
OP: OP 32	1257	0
OP: OP 33	1031	0
OP: OP 34	1067	0
OP: OP 35	762	0
OP: OP 36	885	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	1382	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	1362	0
OP: OP 55	1499	0
OP: OP 56	0	0

OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	1112	0
OP: OP 70	1235	0
OP: OP 71	1583	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

PV array 8: OP 1

No glare found

PV array 8: OP 2

No glare found

PV array 8: OP 3

No glare found

PV array 8: OP 4

No glare found

PV array 8: OP 5

No glare found

PV array 8: OP 6

No glare found

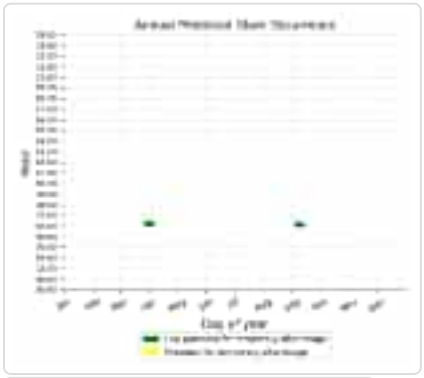
PV array 8: OP 7

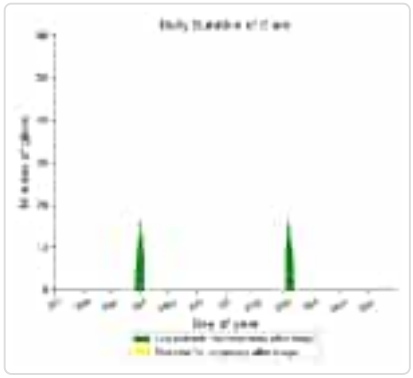
No glare found

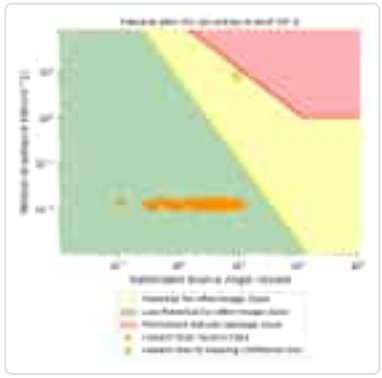
PV array 8: OP 8

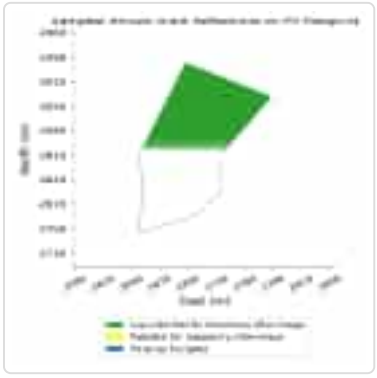
PV array is expected to produce the following glare for this receptor:

- 206 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





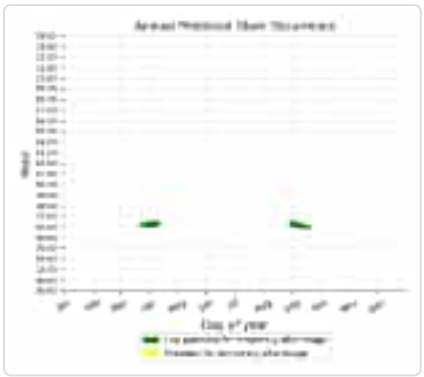


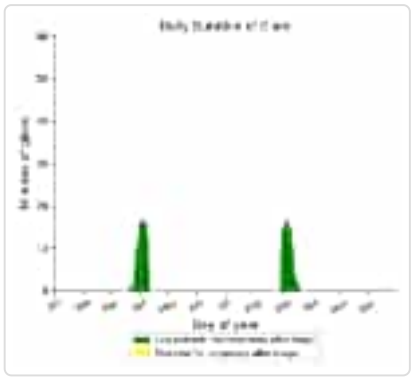


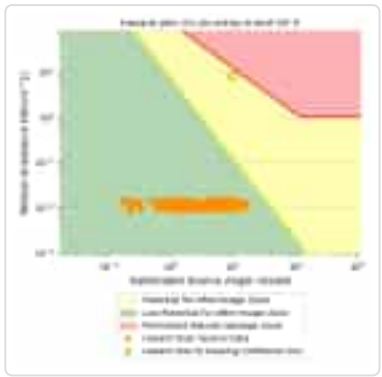
PV array 8: OP 9

PV array is expected to produce the following glare for this receptor:

- 444 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



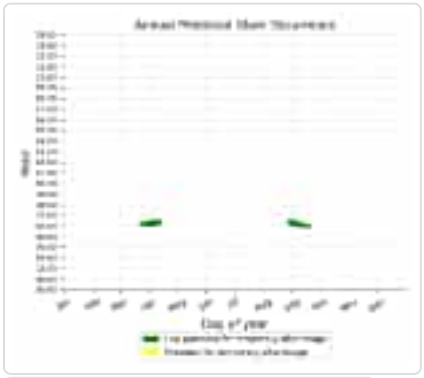


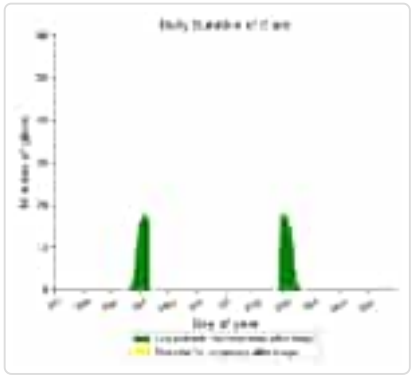


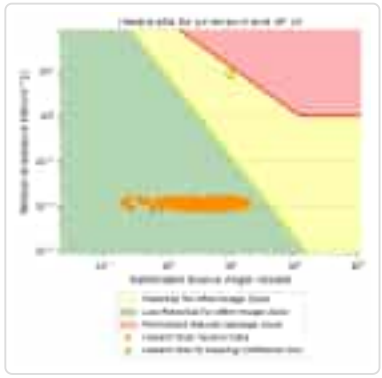
PV array 8: OP 10

PV array is expected to produce the following glare for this receptor:

- 532 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



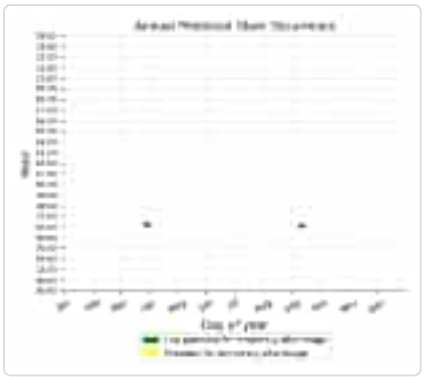


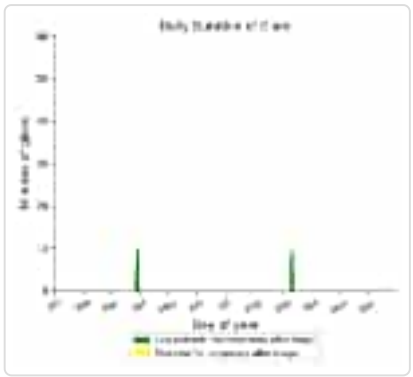


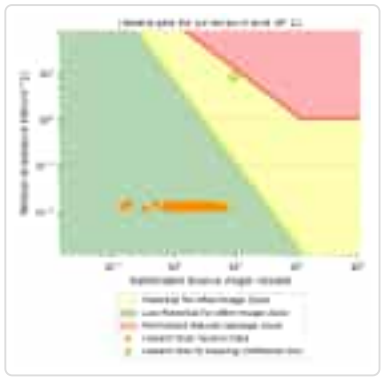
PV array 8: OP 11

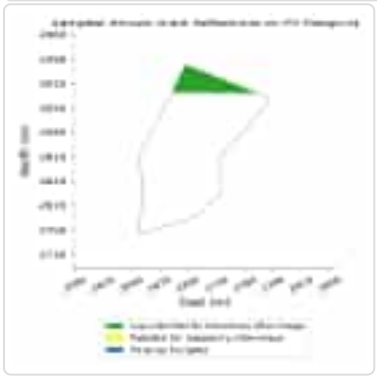
PV array is expected to produce the following glare for this receptor:

- 74 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 8: OP 12

No glare found

PV array 8: OP 13

No glare found

PV array 8: OP 14

No glare found

PV array 8: OP 15

No glare found

PV array 8: OP 16

No glare found

PV array 8: OP 17

No glare found

PV array 8: OP 18

No glare found

PV array 8: OP 19

No glare found

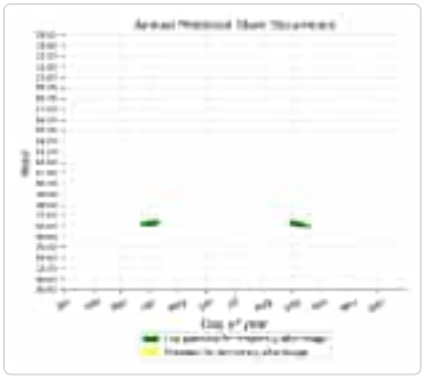
PV array 8: OP 20

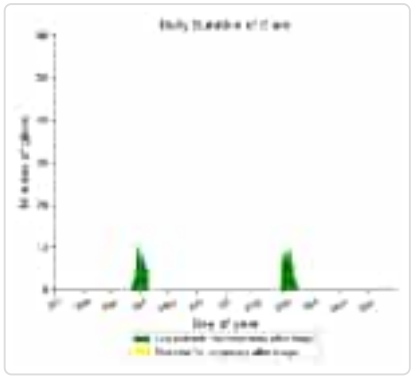
No glare found

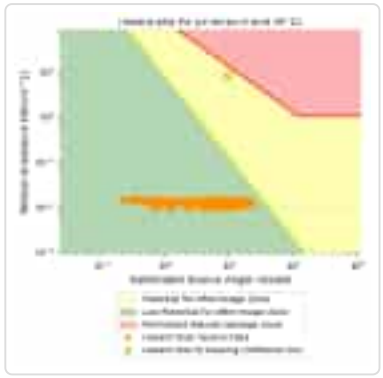
PV array 8: OP 21

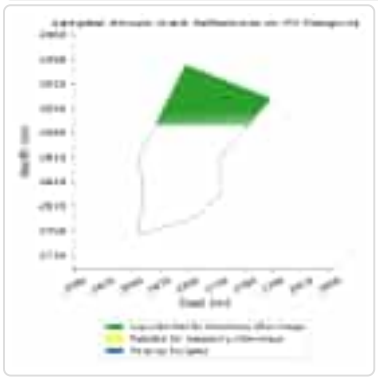
PV array is expected to produce the following glare for this receptor:

- 226 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









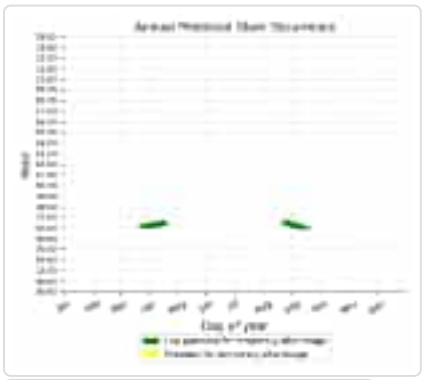
PV array 8: OP 22

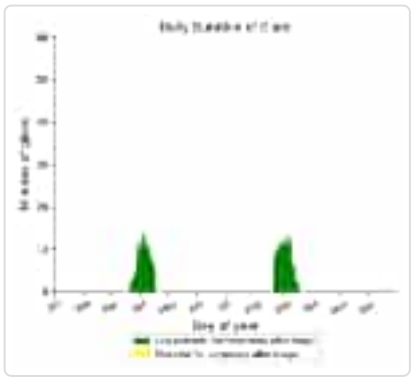
No glare found

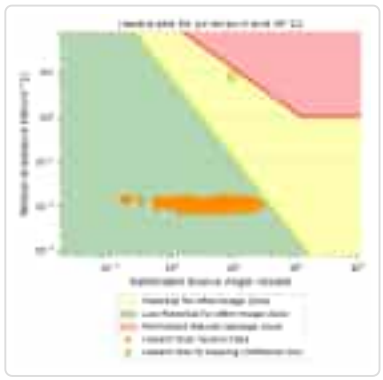
PV array 8: OP 23

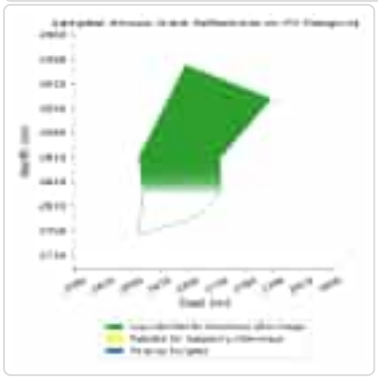
PV array is expected to produce the following glare for this receptor:

- 478 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





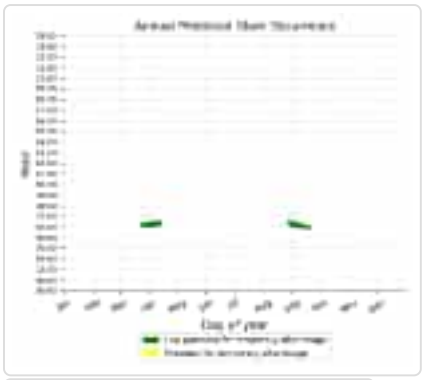


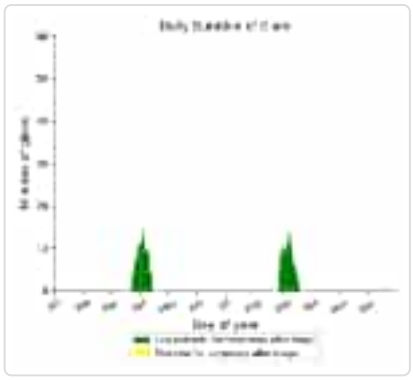


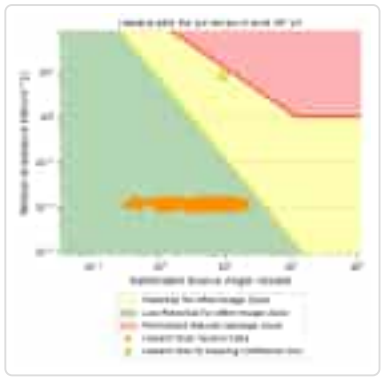
PV array 8: OP 24

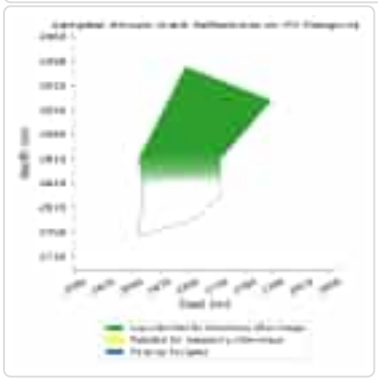
PV array is expected to produce the following glare for this receptor:

- 372 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





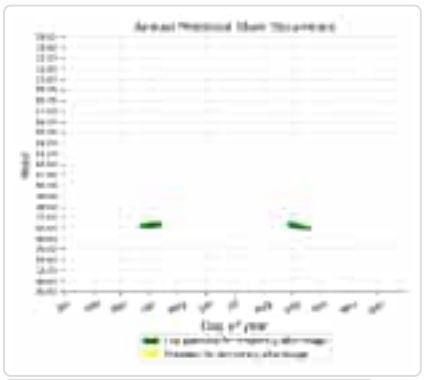


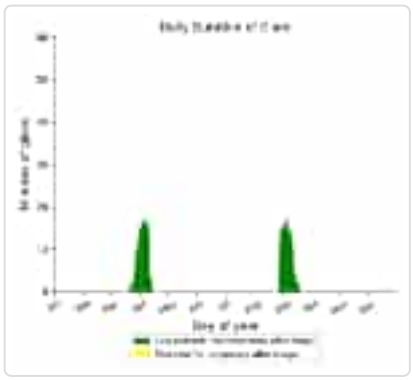


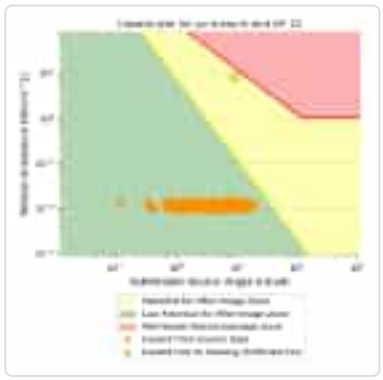
PV array 8: OP 25

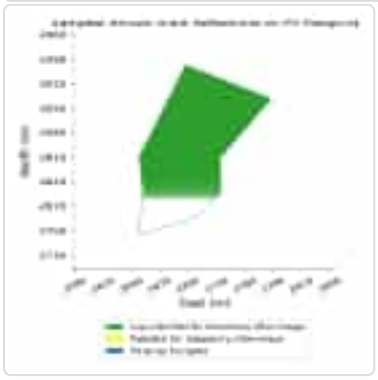
PV array is expected to produce the following glare for this receptor:

- 498 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





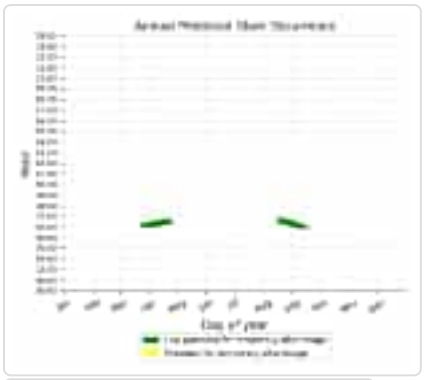


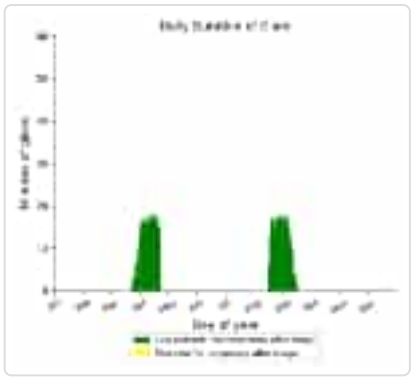


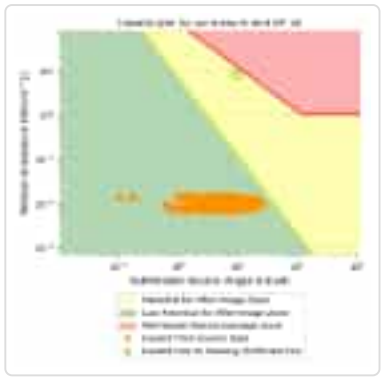
PV array 8: OP 26

PV array is expected to produce the following glare for this receptor:

- 863 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



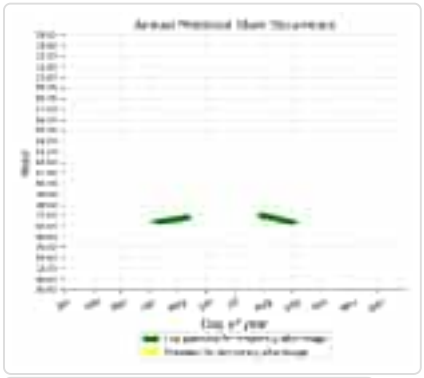


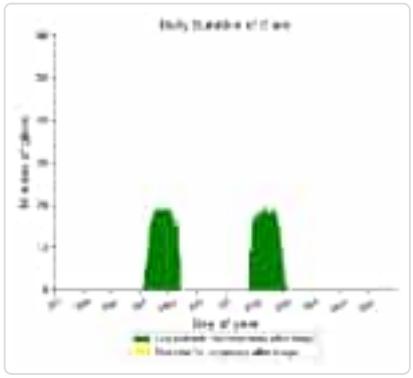


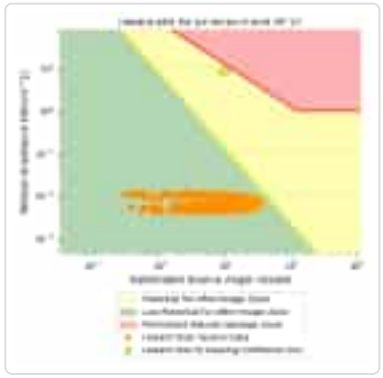
PV array 8: OP 27

PV array is expected to produce the following glare for this receptor:

- 1,239 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



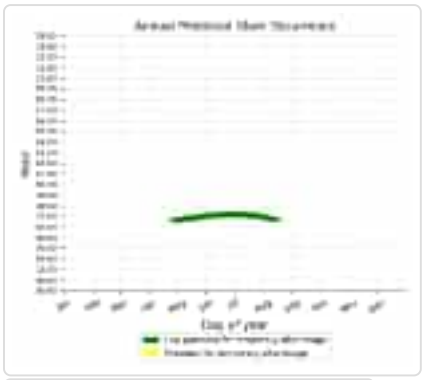


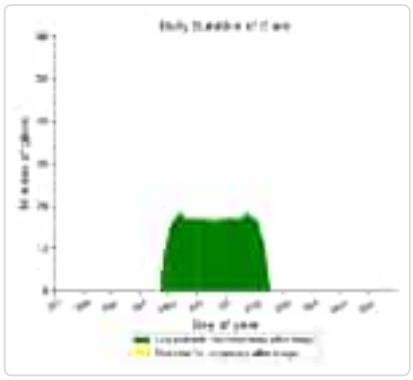


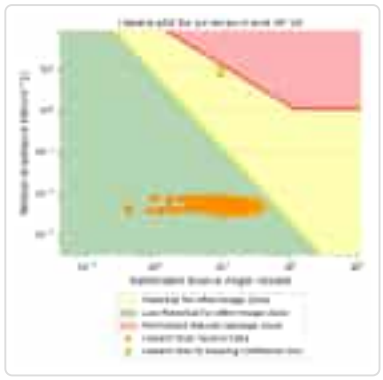
PV array 8: OP 28

PV array is expected to produce the following glare for this receptor:

- 1,833 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







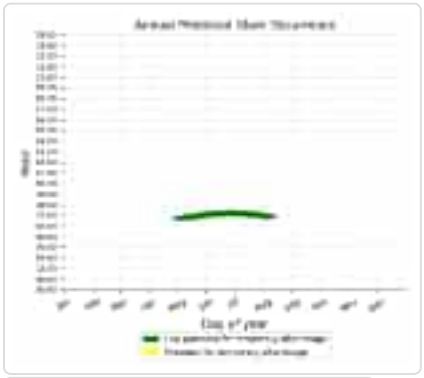
PV array 8: OP 29

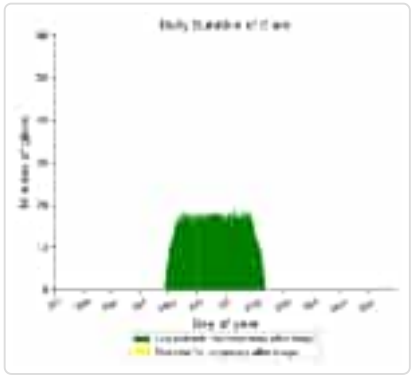
No glare found

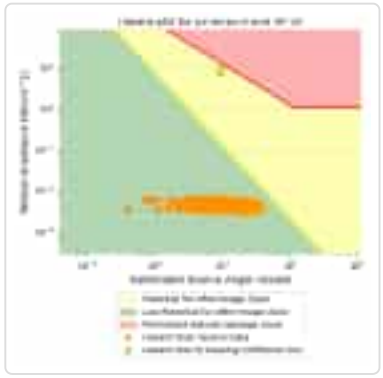
PV array 8: OP 30

PV array is expected to produce the following glare for this receptor:

- 1,686 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



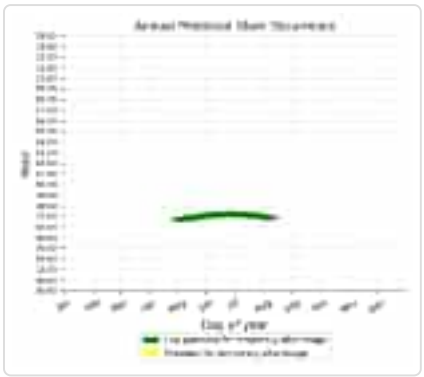


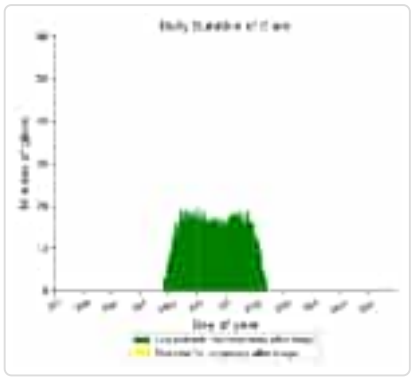


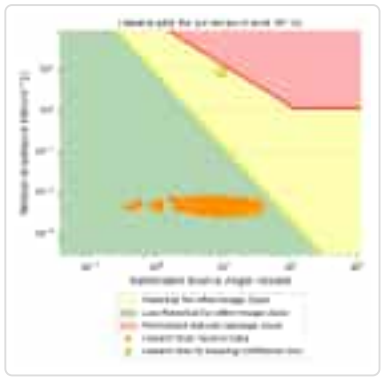
PV array 8: OP 31

PV array is expected to produce the following glare for this receptor:

- 1,692 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



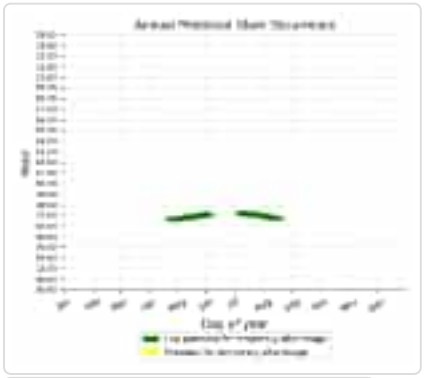


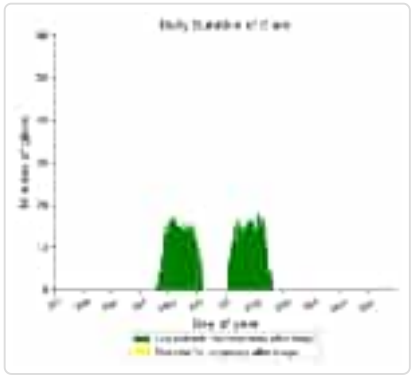


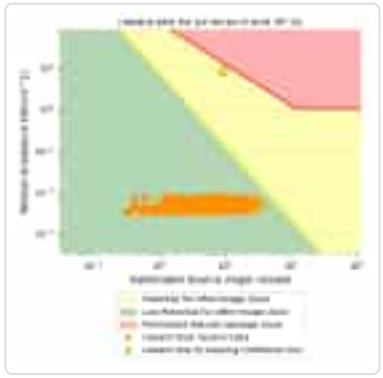
PV array 8: OP 32

PV array is expected to produce the following glare for this receptor:

- 1,257 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



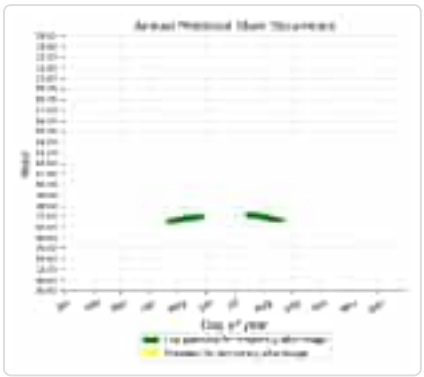


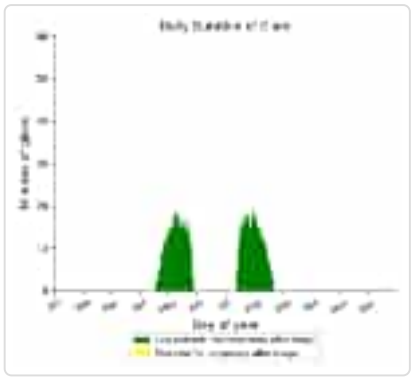


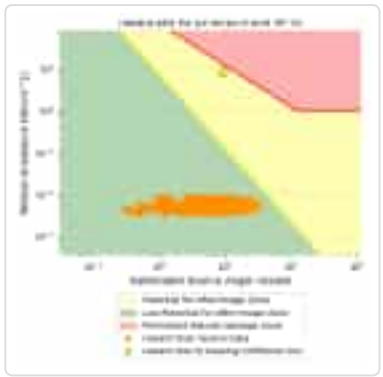
PV array 8: OP 33

PV array is expected to produce the following glare for this receptor:

- 1,031 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



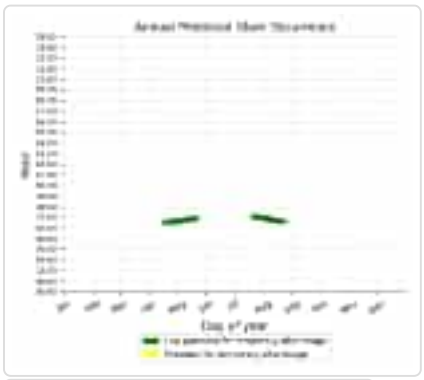


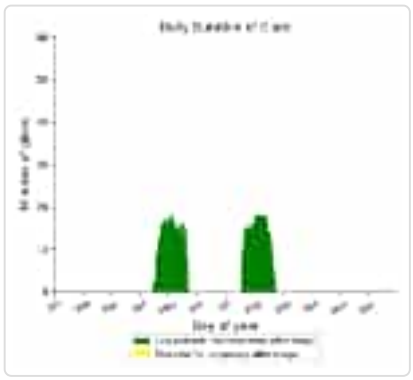


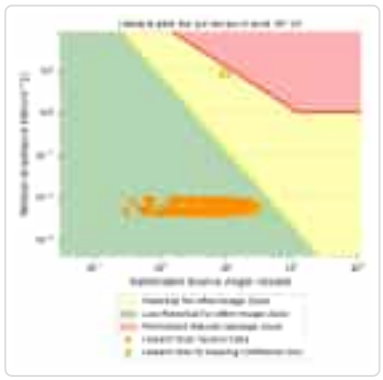
PV array 8: OP 34

PV array is expected to produce the following glare for this receptor:

- 1,067 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



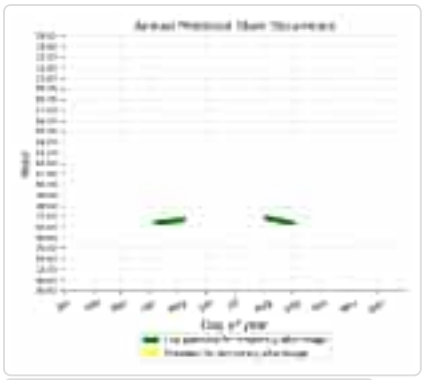


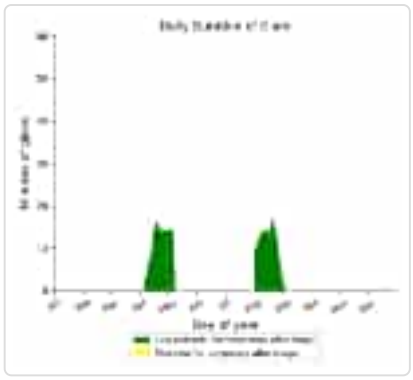


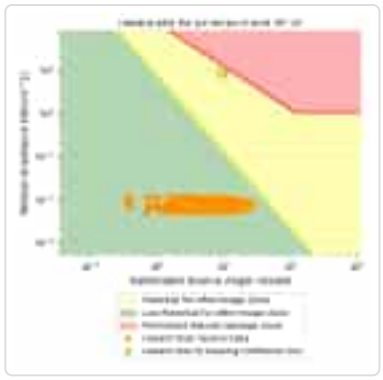
PV array 8: OP 35

PV array is expected to produce the following glare for this receptor:

- 762 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



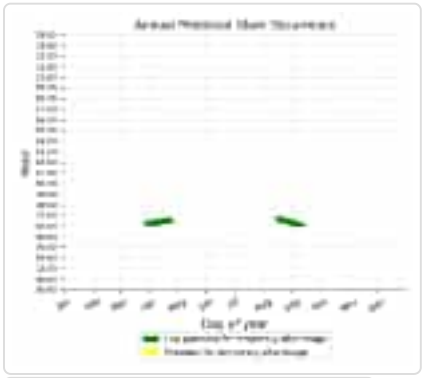


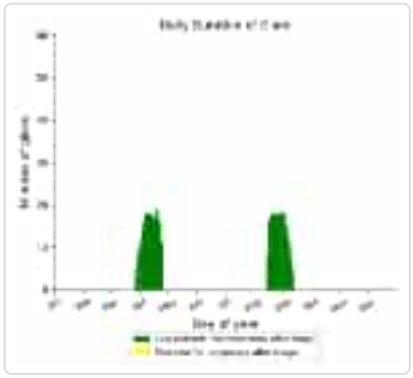


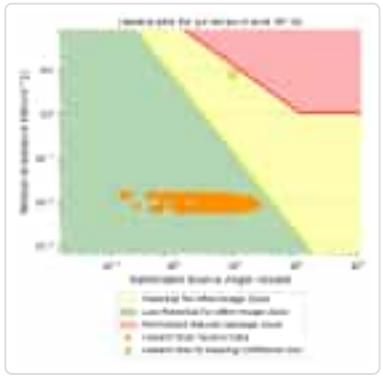
PV array 8: OP 36

PV array is expected to produce the following glare for this receptor:

- 885 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 8: OP 37

No glare found

PV array 8: OP 38

No glare found

PV array 8: OP 39

No glare found

PV array 8: OP 40

No glare found

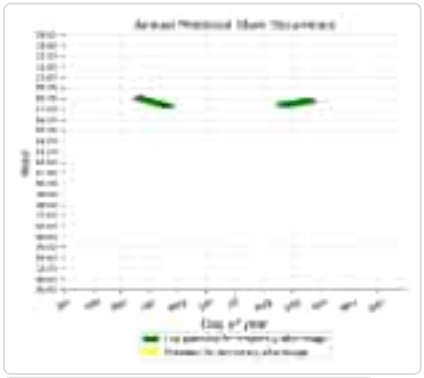
PV array 8: OP 41

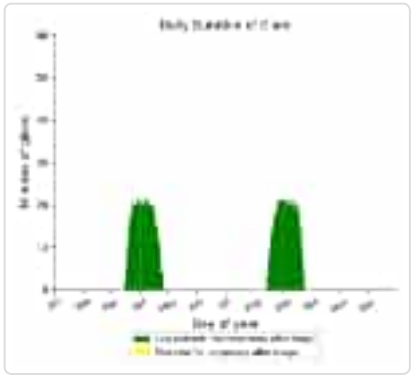
No glare found

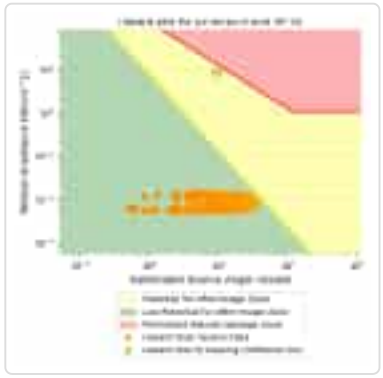
PV array 8: OP 42

PV array is expected to produce the following glare for this receptor:

- 1,382 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 8: OP 43

No glare found

PV array 8: OP 44

No glare found

PV array 8: OP 45

No glare found

PV array 8: OP 46

No glare found

PV array 8: OP 47

No glare found

PV array 8: OP 48

No glare found

PV array 8: OP 49

No glare found

PV array 8: OP 50

No glare found

PV array 8: OP 51

No glare found

PV array 8: OP 52

No glare found

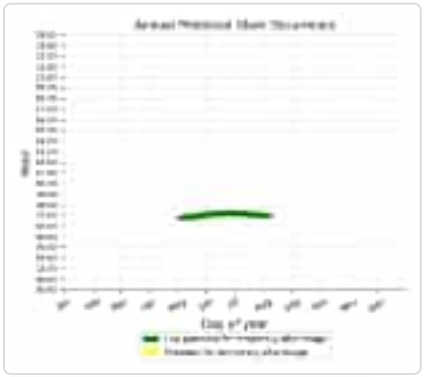
PV array 8: OP 53

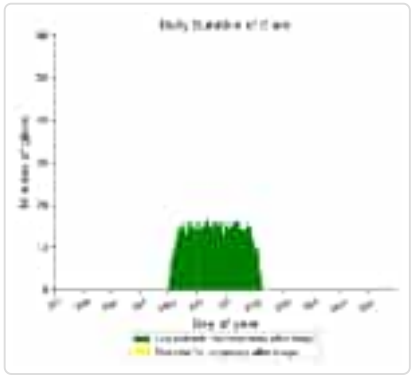
No glare found

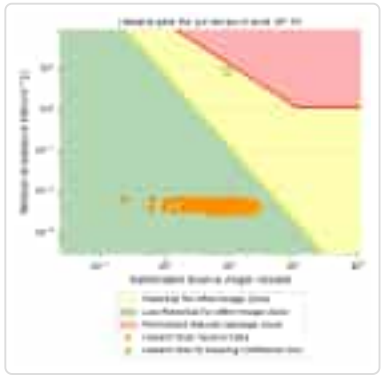
PV array 8: OP 54

PV array is expected to produce the following glare for this receptor:

- 1,362 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



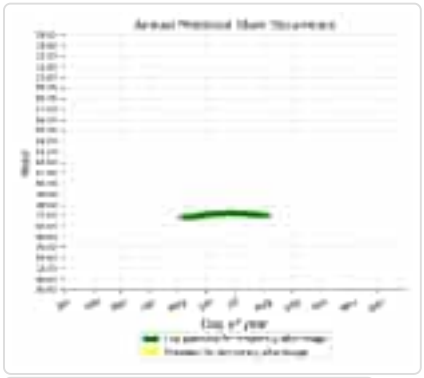


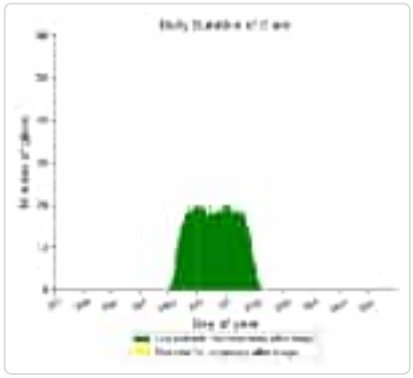


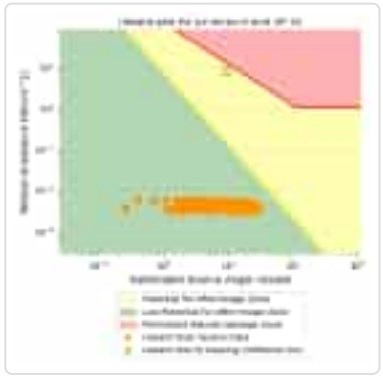
PV array 8: OP 55

PV array is expected to produce the following glare for this receptor:

- 1,499 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 8: OP 56

No glare found

PV array 8: OP 57

No glare found

PV array 8: OP 58

No glare found

PV array 8: OP 59

No glare found

PV array 8: OP 60

No glare found

PV array 8: OP 61

No glare found

PV array 8: OP 62

No glare found

PV array 8: OP 63

No glare found

PV array 8: OP 64

No glare found

PV array 8: OP 65

No glare found

PV array 8: OP 66

No glare found

PV array 8: OP 67

No glare found

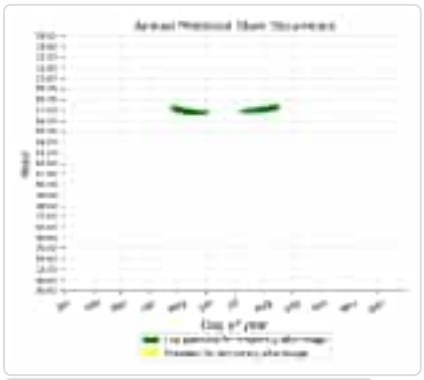
PV array 8: OP 68

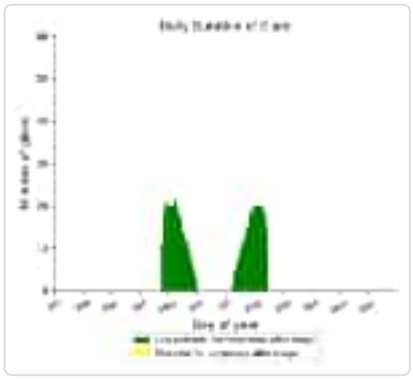
No glare found

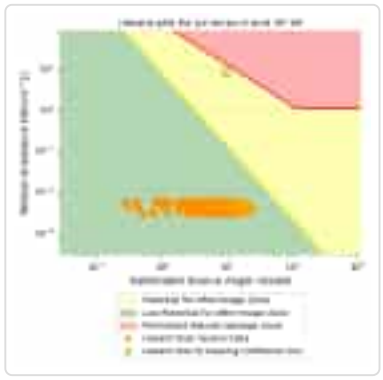
PV array 8: OP 69

PV array is expected to produce the following glare for this receptor:

- 1,112 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



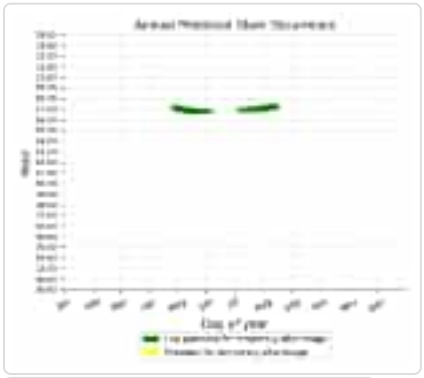
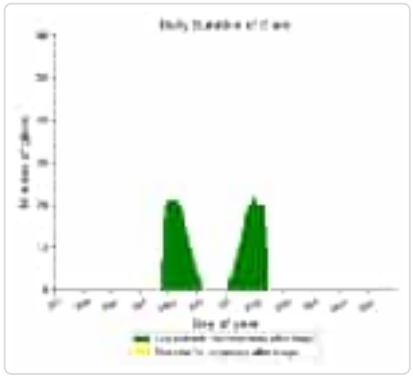
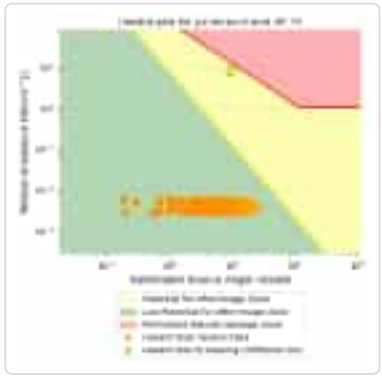




PV array 8: OP 70

PV array is expected to produce the following glare for this receptor:

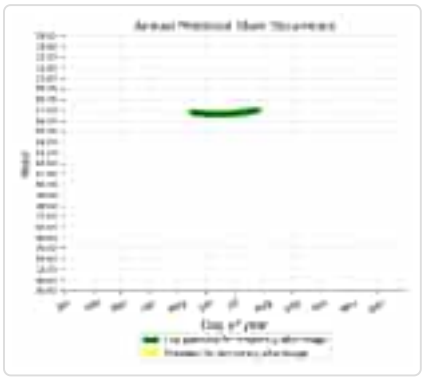
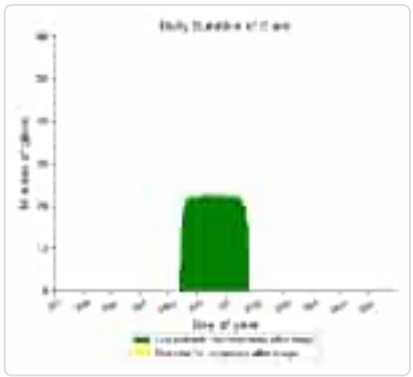
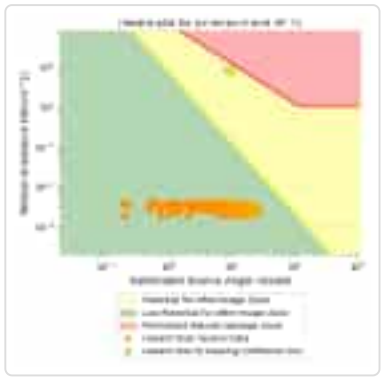
- 1,235 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 8: OP 71

PV array is expected to produce the following glare for this receptor:

- 1,583 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 8: OP 72

No glare found

PV array 8: OP 73

No glare found

PV array 8: OP 74

No glare found

PV array 8: OP 75

No glare found

PV array 8: OP 76

No glare found

PV array 8: OP 77

No glare found

PV array 8: OP 78

No glare found

PV array 8: OP 79

No glare found

PV array 8: OP 80

No glare found

PV array 9 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0

OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	81	0
OP: OP 31	98	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	939	0
OP: OP 55	1164	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	744	0
OP: OP 59	2262	264
OP: OP 60	2979	204
OP: OP 61	2672	0
OP: OP 62	1901	245
OP: OP 63	1829	0
OP: OP 64	1097	0
OP: OP 65	478	0
OP: OP 66	1650	0
OP: OP 67	1648	0
OP: OP 68	1225	0
OP: OP 69	669	0
OP: OP 70	582	0
OP: OP 71	701	0
OP: OP 72	1669	0
OP: OP 73	1256	0
OP: OP 74	1160	0
OP: OP 75	1497	0
OP: OP 76	1880	0
OP: OP 77	0	0

OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

PV array 9: OP 1

No glare found

PV array 9: OP 2

No glare found

PV array 9: OP 3

No glare found

PV array 9: OP 4

No glare found

PV array 9: OP 5

No glare found

PV array 9: OP 6

No glare found

PV array 9: OP 7

No glare found

PV array 9: OP 8

No glare found

PV array 9: OP 9

No glare found

PV array 9: OP 10

No glare found

PV array 9: OP 11

No glare found

PV array 9: OP 12

No glare found

PV array 9: OP 13

No glare found

PV array 9: OP 14

No glare found

PV array 9: OP 15

No glare found

PV array 9: OP 16

No glare found

PV array 9: OP 17

No glare found

PV array 9: OP 18

No glare found

PV array 9: OP 19

No glare found

PV array 9: OP 20

No glare found

PV array 9: OP 21

No glare found

PV array 9: OP 22

No glare found

PV array 9: OP 23

No glare found

PV array 9: OP 24

No glare found

PV array 9: OP 25

No glare found

PV array 9: OP 26

No glare found

PV array 9: OP 27

No glare found

PV array 9: OP 28

No glare found

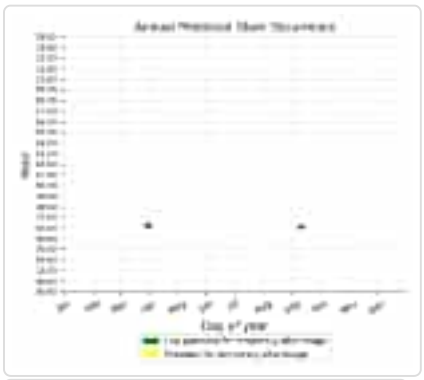
PV array 9: OP 29

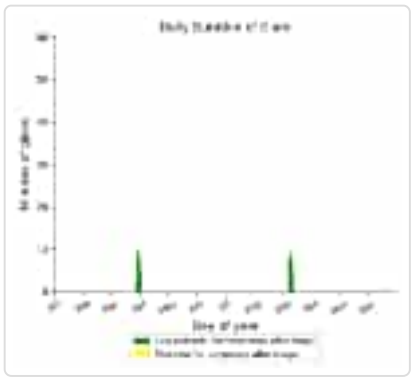
No glare found

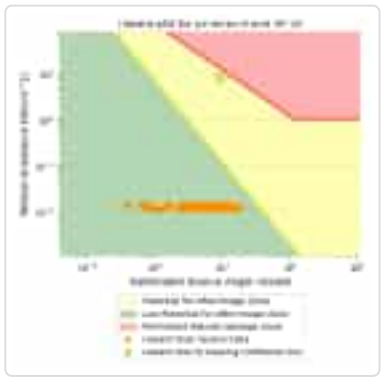
PV array 9: OP 30

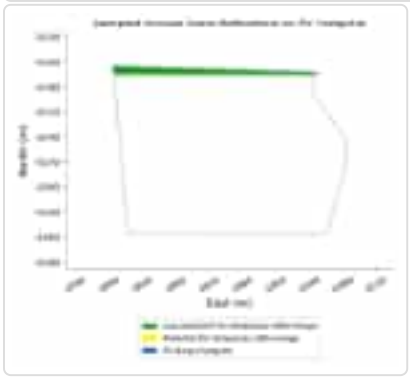
PV array is expected to produce the following glare for this receptor:

- 81 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





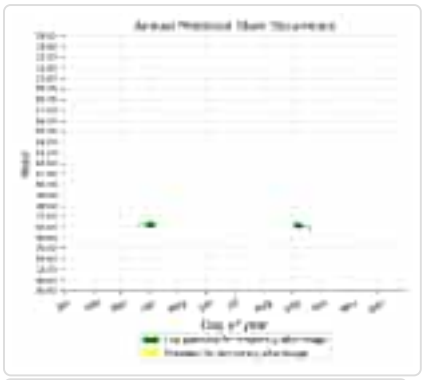


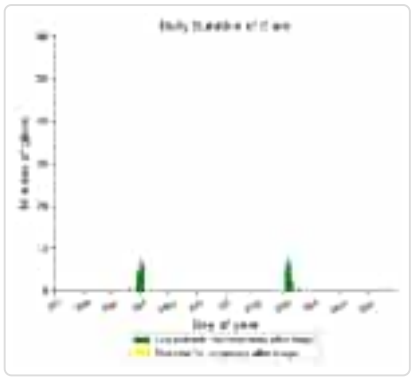


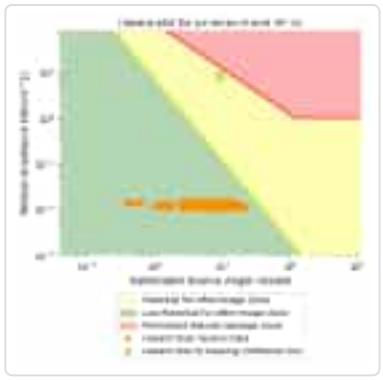
PV array 9: OP 31

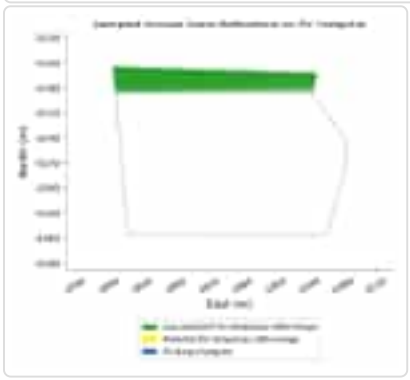
PV array is expected to produce the following glare for this receptor:

- 98 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 32

No glare found

PV array 9: OP 33

No glare found

PV array 9: OP 34

No glare found

PV array 9: OP 35

No glare found

PV array 9: OP 36

No glare found

PV array 9: OP 37

No glare found

PV array 9: OP 38

No glare found

PV array 9: OP 39

No glare found

PV array 9: OP 40

No glare found

PV array 9: OP 41

No glare found

PV array 9: OP 42

No glare found

PV array 9: OP 43

No glare found

PV array 9: OP 44

No glare found

PV array 9: OP 45

No glare found

PV array 9: OP 46

No glare found

PV array 9: OP 47

No glare found

PV array 9: OP 48

No glare found

PV array 9: OP 49

No glare found

PV array 9: OP 50

No glare found

PV array 9: OP 51

No glare found

PV array 9: OP 52

No glare found

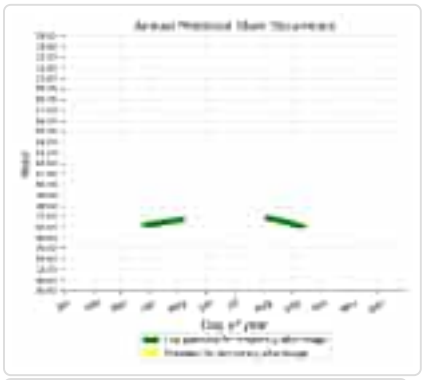
PV array 9: OP 53

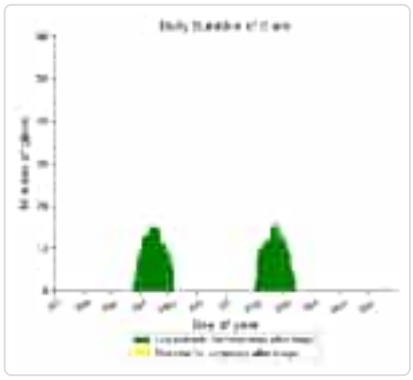
No glare found

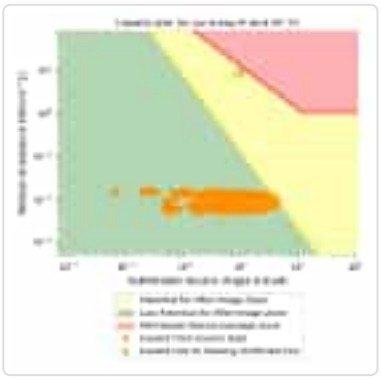
PV array 9: OP 54

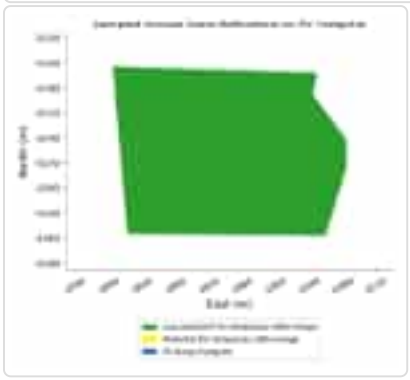
PV array is expected to produce the following glare for this receptor:

- 939 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





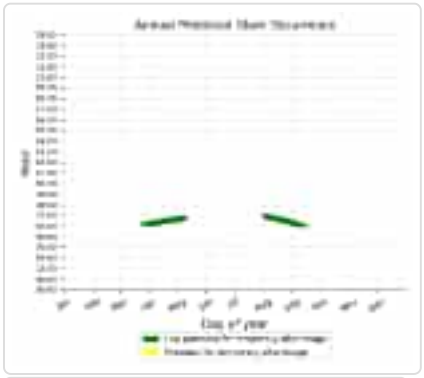


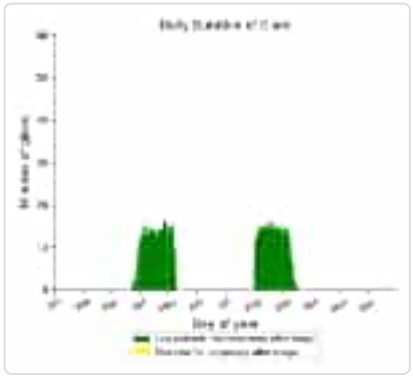


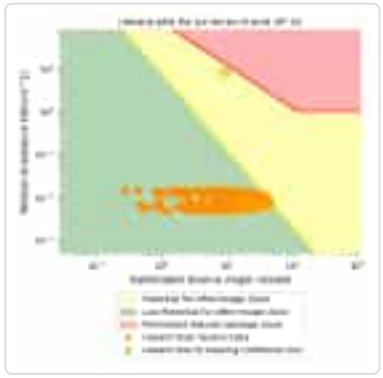
PV array 9: OP 55

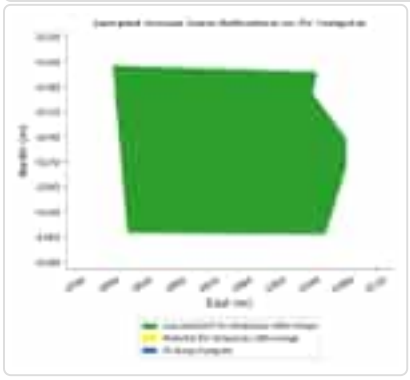
PV array is expected to produce the following glare for this receptor:

- 1,164 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 56

No glare found

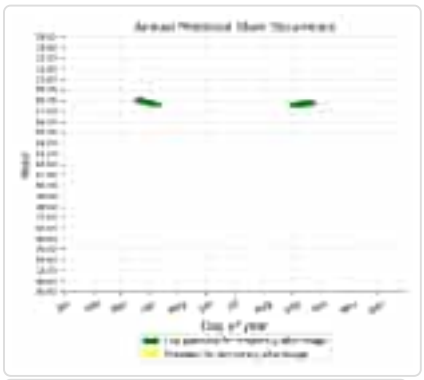
PV array 9: OP 57

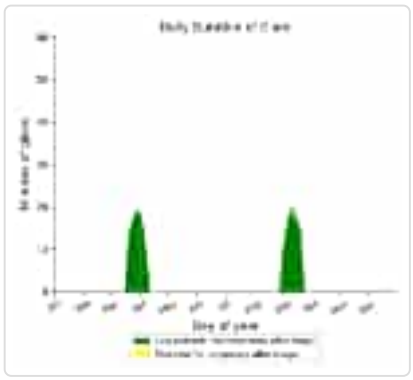
No glare found

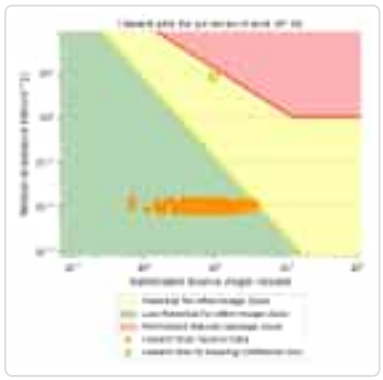
PV array 9: OP 58

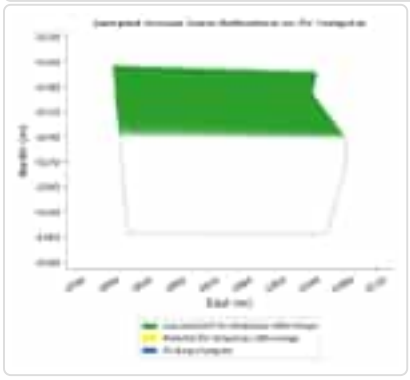
PV array is expected to produce the following glare for this receptor:

- 744 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





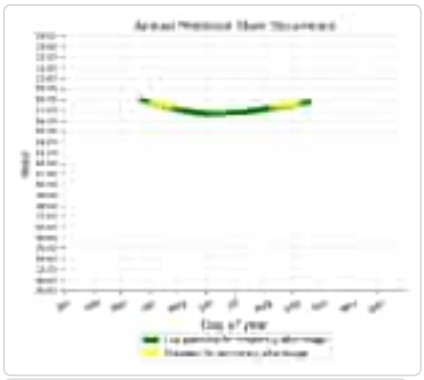


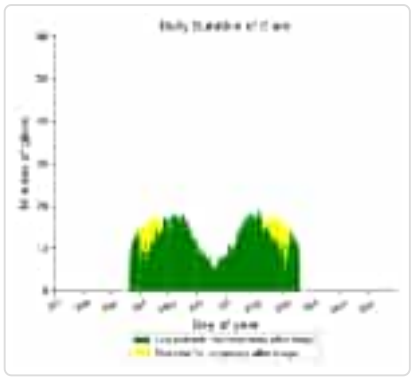


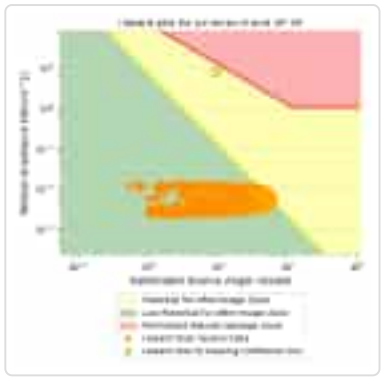
PV array 9: OP 59

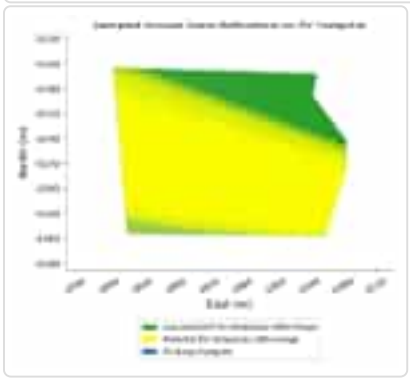
PV array is expected to produce the following glare for this receptor:

- 2,262 minutes of "green" glare with low potential to cause temporary after-image.
- 264 minutes of "yellow" glare with potential to cause temporary after-image.





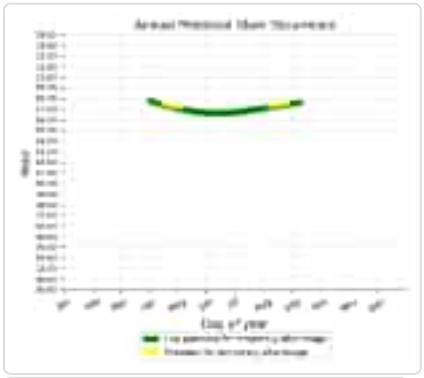


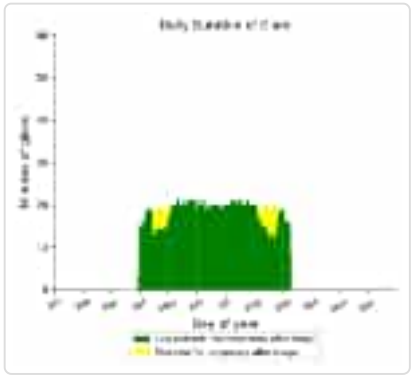


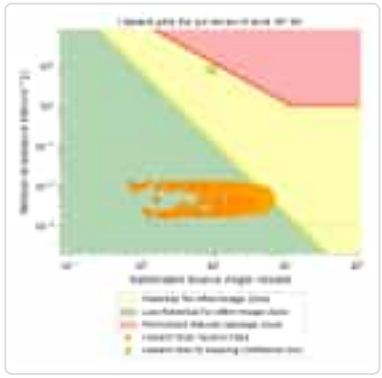
PV array 9: OP 60

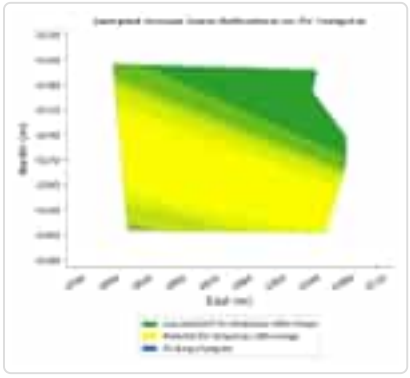
PV array is expected to produce the following glare for this receptor:

- 2,979 minutes of "green" glare with low potential to cause temporary after-image.
- 204 minutes of "yellow" glare with potential to cause temporary after-image.





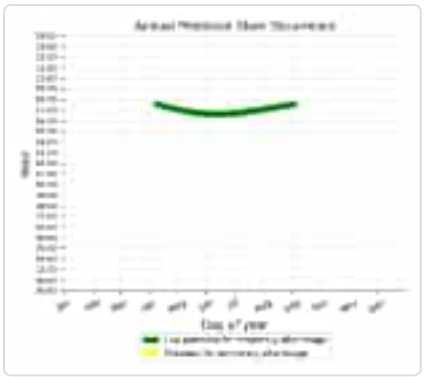


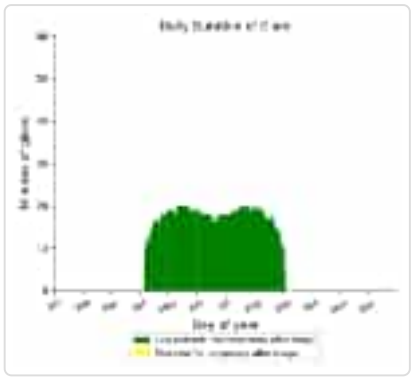


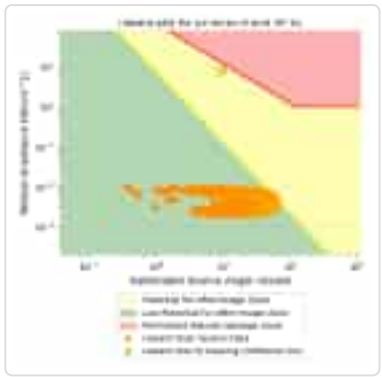
PV array 9: OP 61

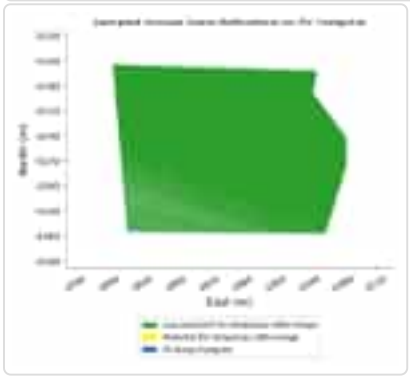
PV array is expected to produce the following glare for this receptor:

- 2,672 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





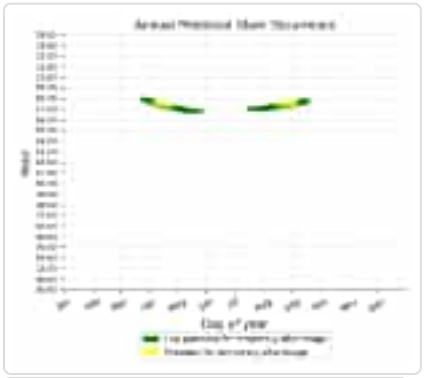


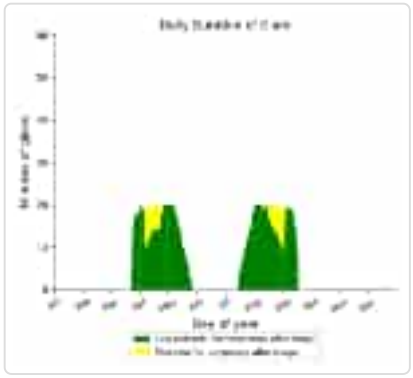


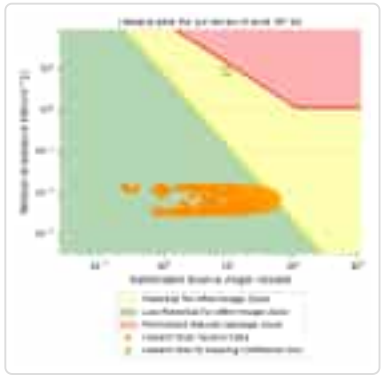
PV array 9: OP 62

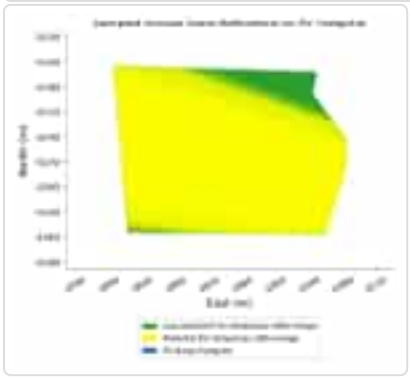
PV array is expected to produce the following glare for this receptor:

- 1,901 minutes of "green" glare with low potential to cause temporary after-image.
- 245 minutes of "yellow" glare with potential to cause temporary after-image.





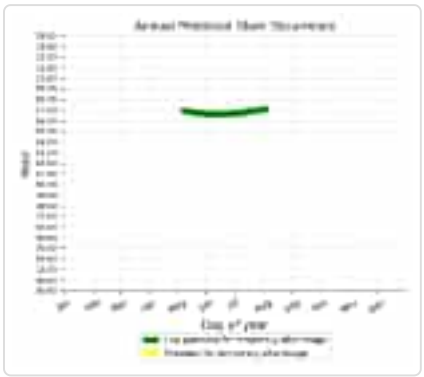


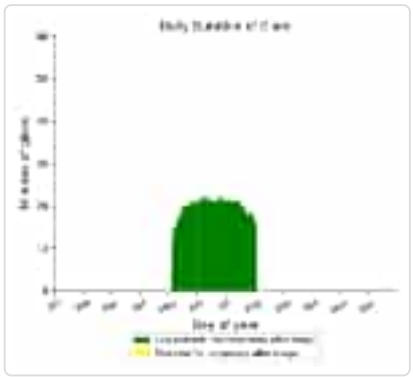


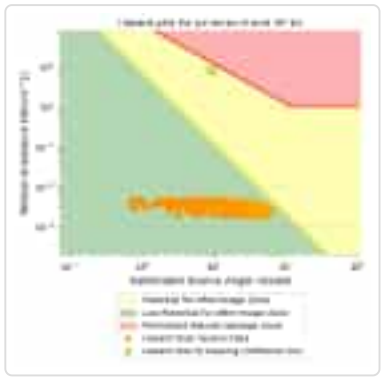
PV array 9: OP 63

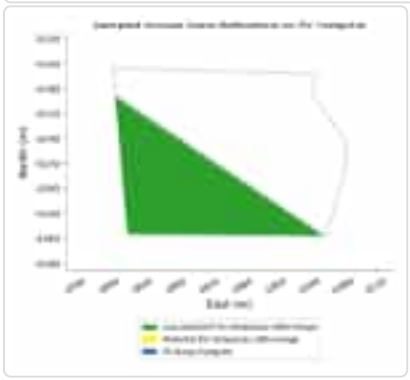
PV array is expected to produce the following glare for this receptor:

- 1,829 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





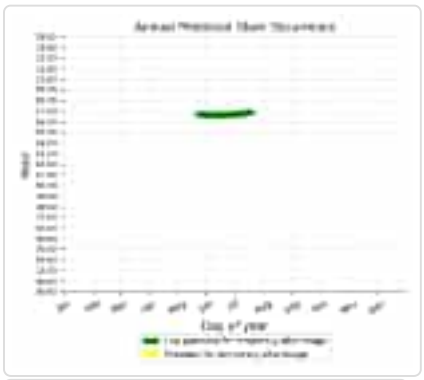


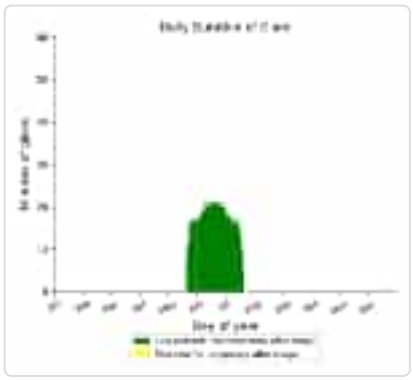


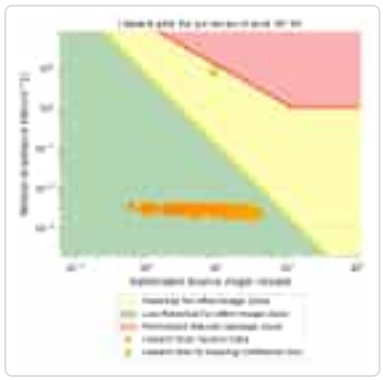
PV array 9: OP 64

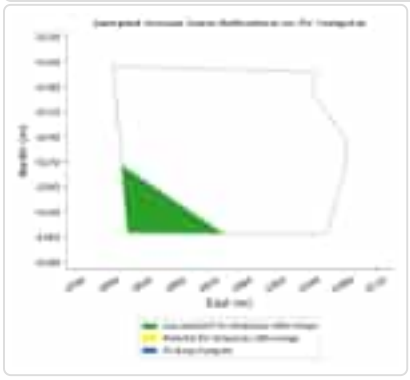
PV array is expected to produce the following glare for this receptor:

- 1,097 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





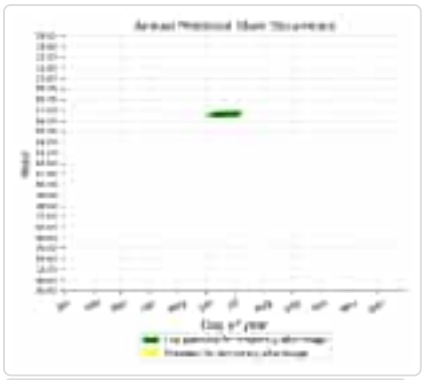


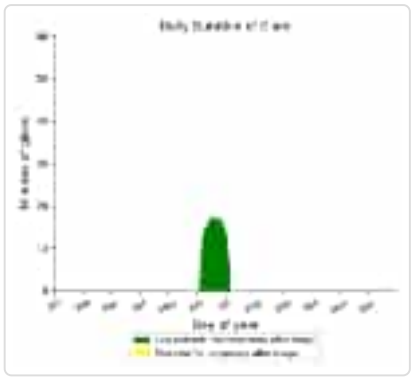


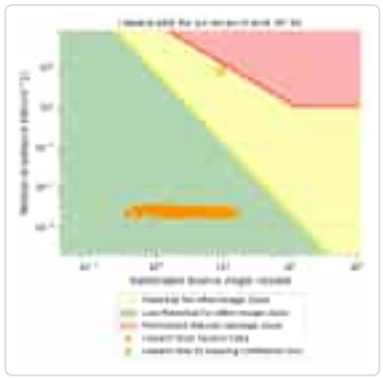
PV array 9: OP 65

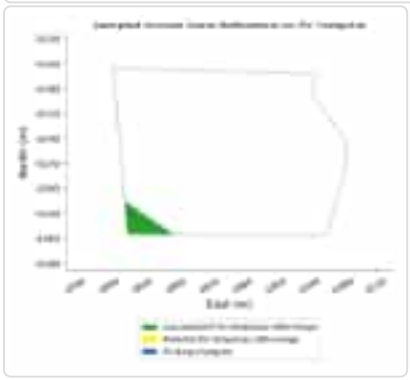
PV array is expected to produce the following glare for this receptor:

- 478 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





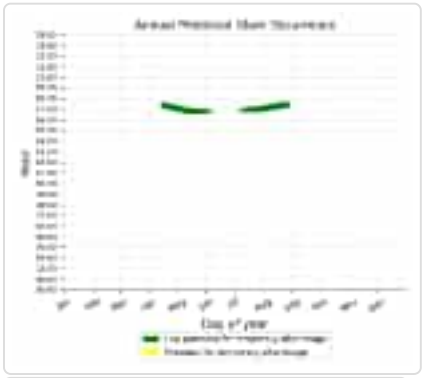


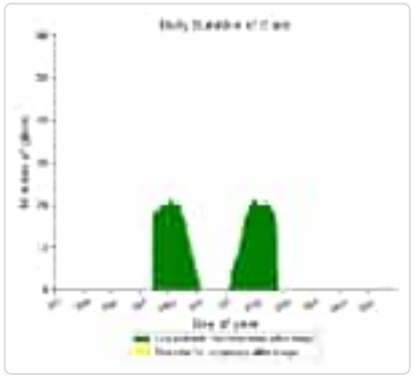


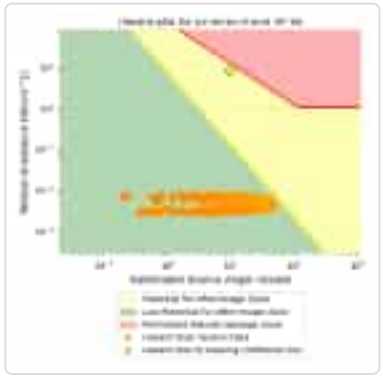
PV array 9: OP 66

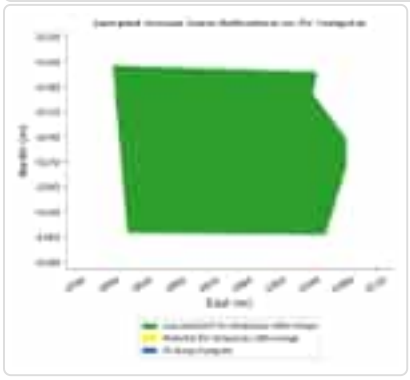
PV array is expected to produce the following glare for this receptor:

- 1,650 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





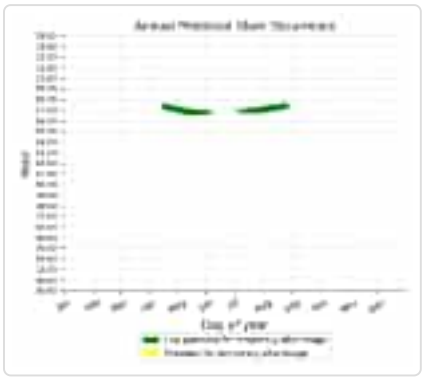


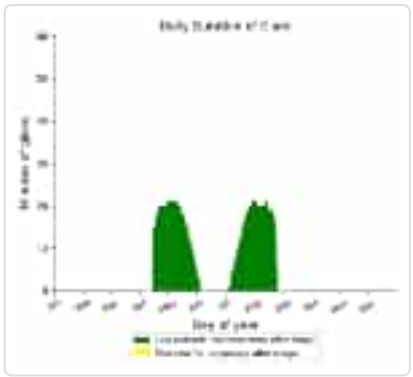


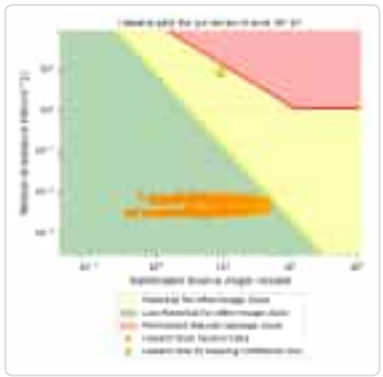
PV array 9: OP 67

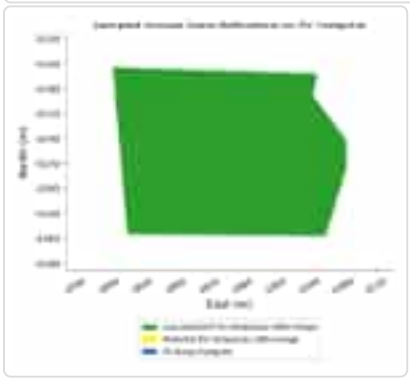
PV array is expected to produce the following glare for this receptor:

- 1,648 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





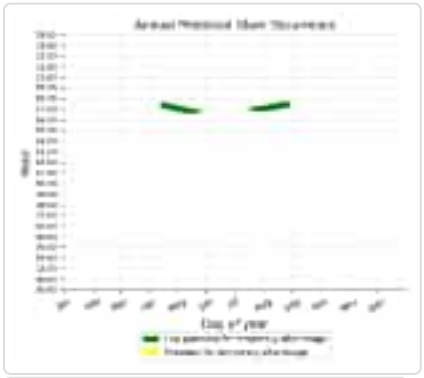


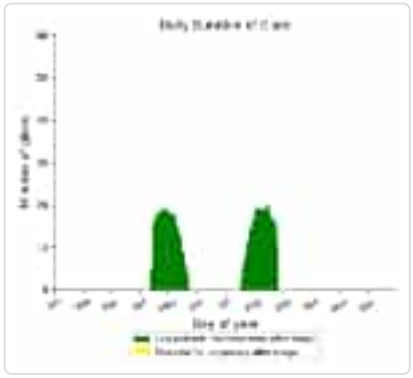


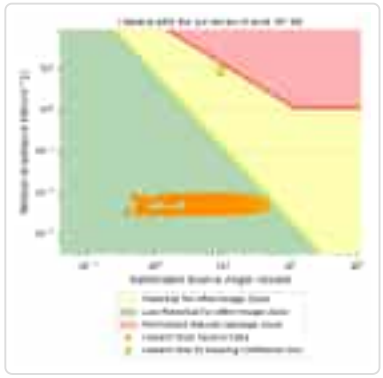
PV array 9: OP 68

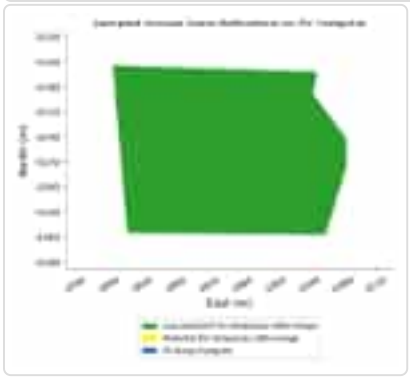
PV array is expected to produce the following glare for this receptor:

- 1,225 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





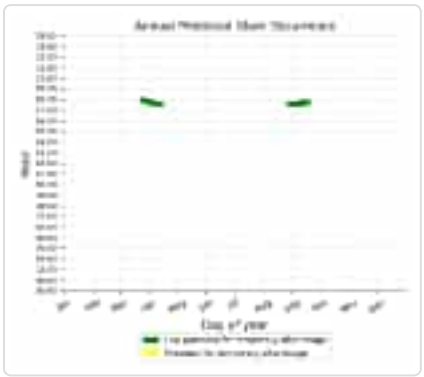


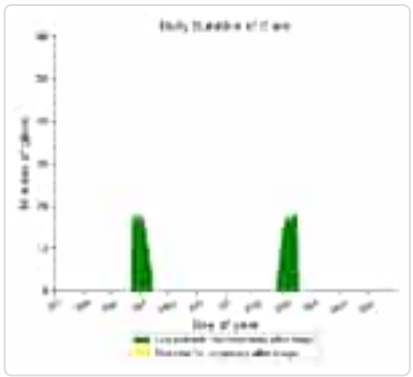


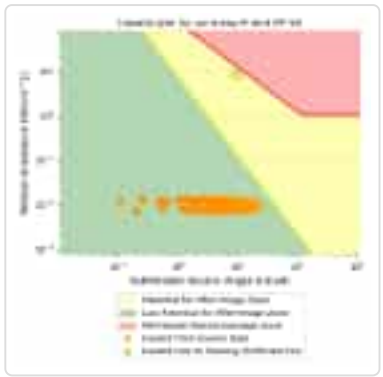
PV array 9: OP 69

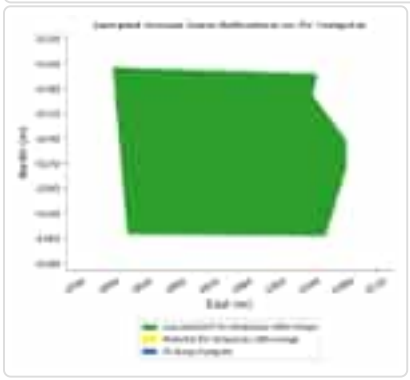
PV array is expected to produce the following glare for this receptor:

- 669 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





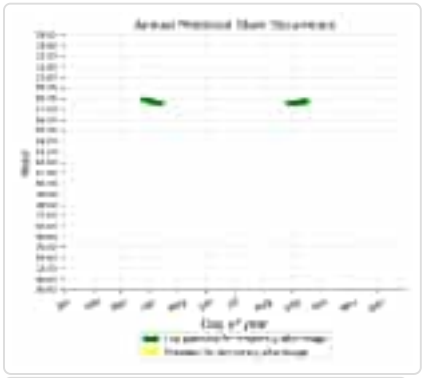


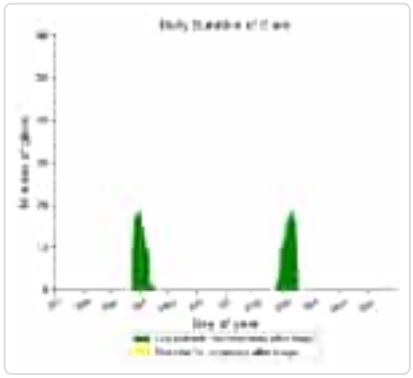


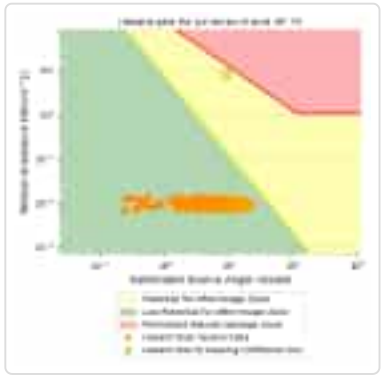
PV array 9: OP 70

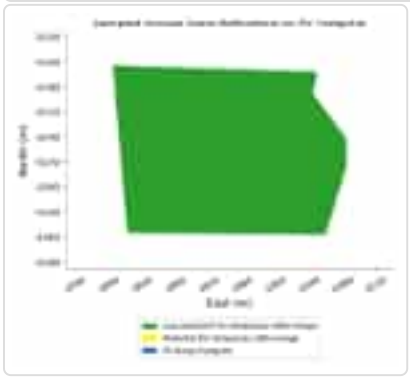
PV array is expected to produce the following glare for this receptor:

- 582 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





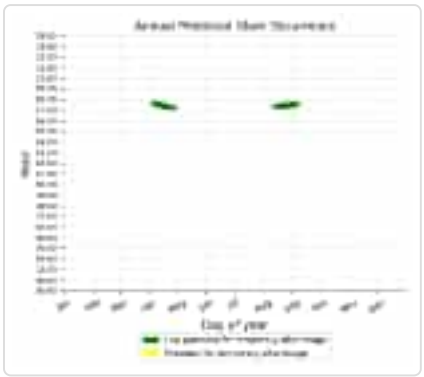


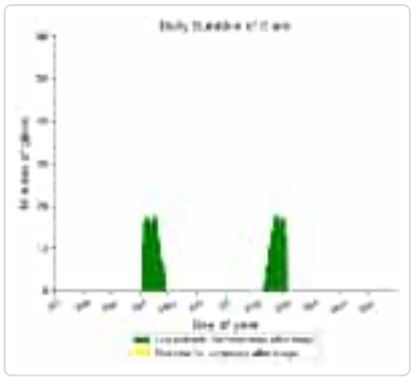


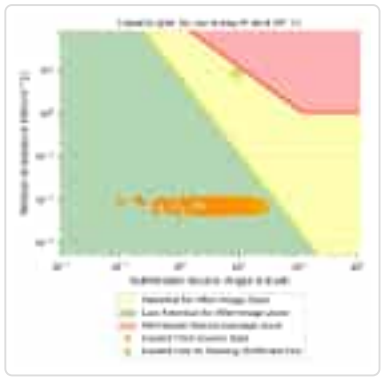
PV array 9: OP 71

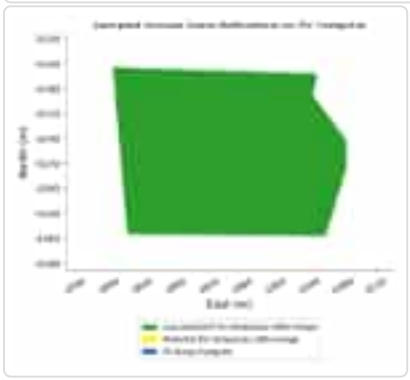
PV array is expected to produce the following glare for this receptor:

- 701 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





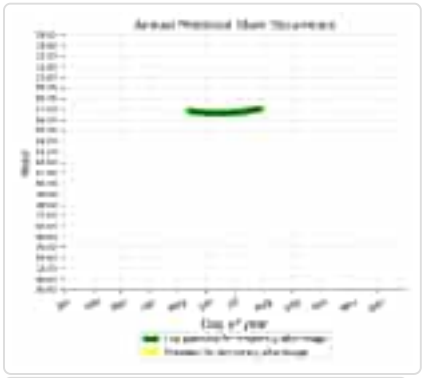


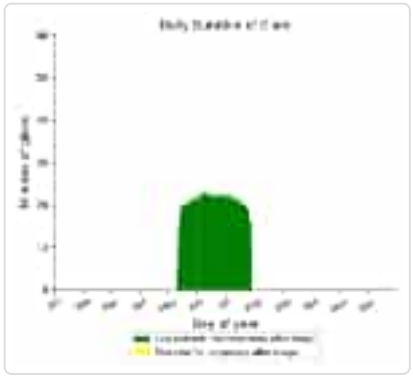


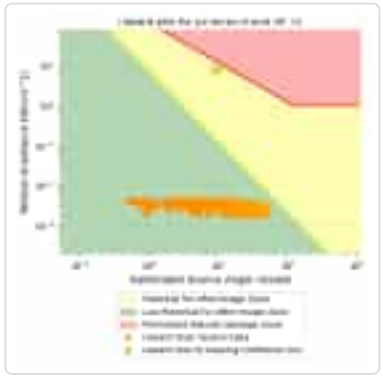
PV array 9: OP 72

PV array is expected to produce the following glare for this receptor:

- 1,669 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



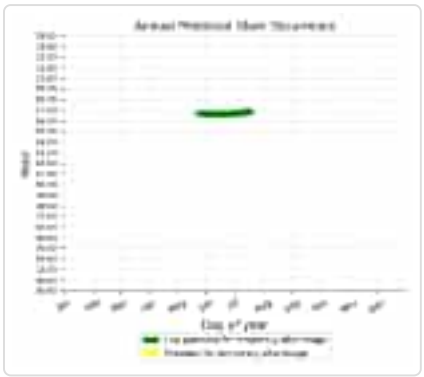


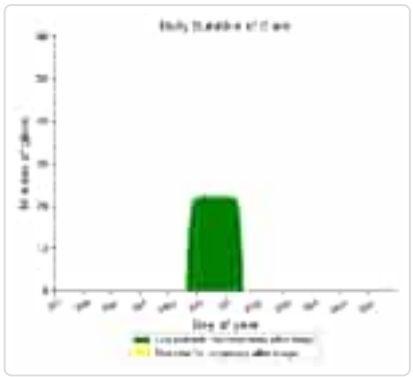


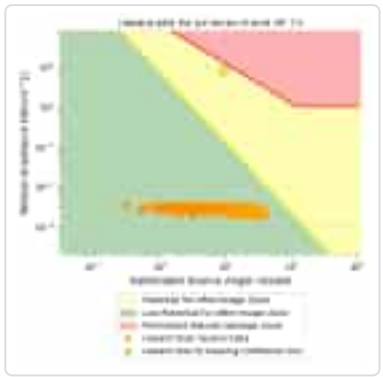
PV array 9: OP 73

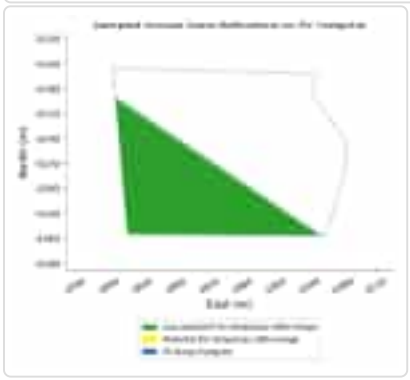
PV array is expected to produce the following glare for this receptor:

- 1,256 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





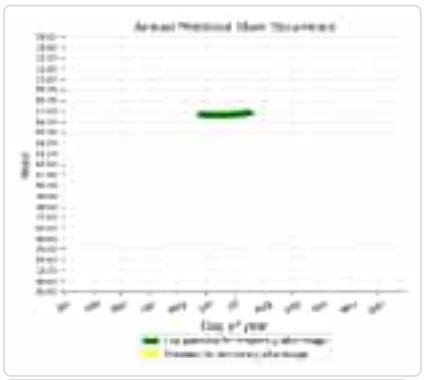


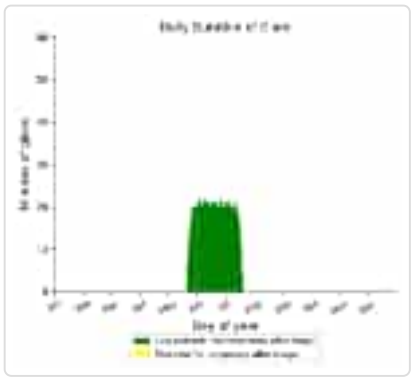


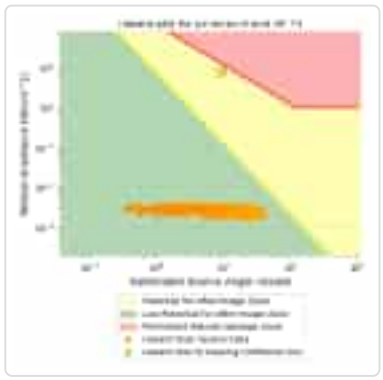
PV array 9: OP 74

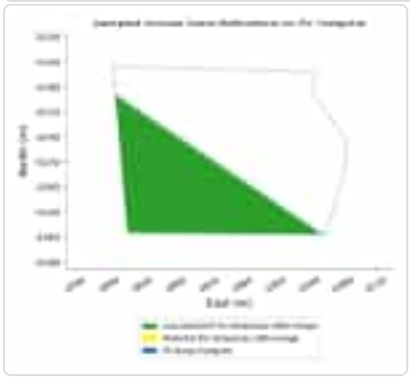
PV array is expected to produce the following glare for this receptor:

- 1,160 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





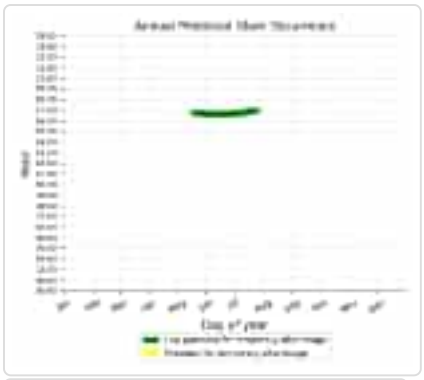


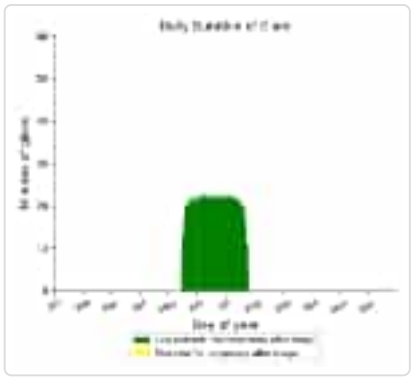


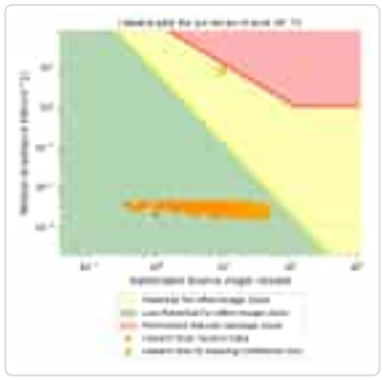
PV array 9: OP 75

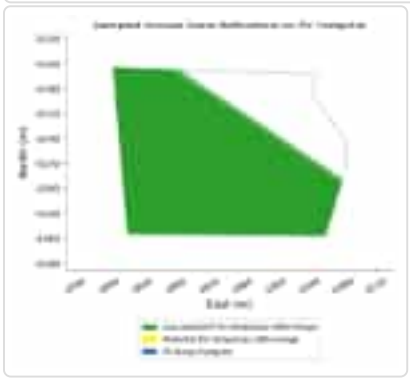
PV array is expected to produce the following glare for this receptor:

- 1,497 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





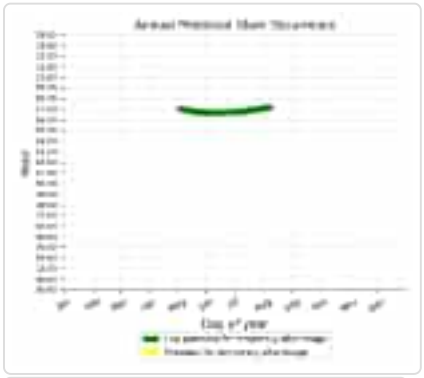


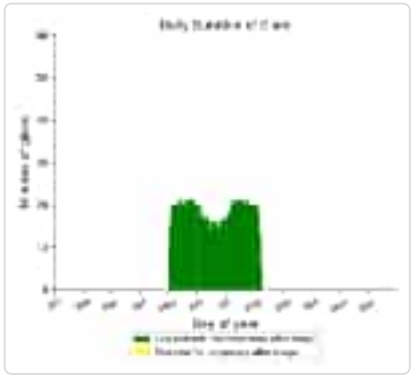


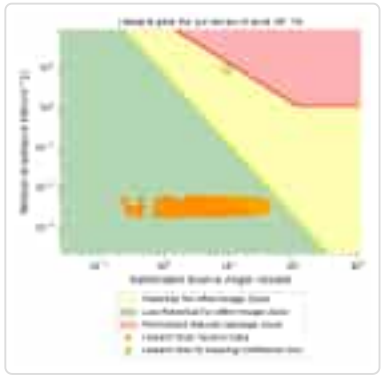
PV array 9: OP 76

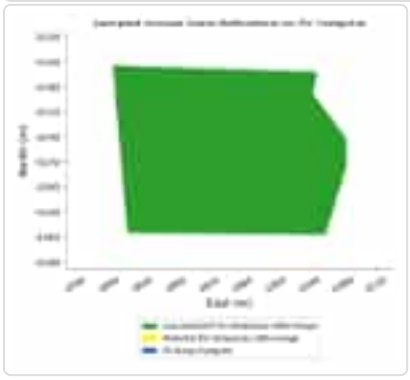
PV array is expected to produce the following glare for this receptor:

- 1,880 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 77

No glare found

PV array 9: OP 78

No glare found

PV array 9: OP 79

No glare found

PV array 9: OP 80

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Fosse Green Solar Farm

Fosse Green SF Res Group C 45 Degrees

Created Jan 12, 2024
Updated Sep 03, 2024
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 109559.18719

Project type Advanced
Project status: active
Category 10 MW to 100 MW

Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
PV array 1	45.0	180.0	0	0	-
PV array 10	45.0	180.0	629	0	-
PV array 11	45.0	180.0	33,488	29	-
PV array 12	45.0	180.0	43,311	45	-
PV array 13	45.0	180.0	88,187	8,084	-
PV array 14	45.0	180.0	67,232	1,436	-
PV array 15	45.0	180.0	48,274	1,434	-
PV array 2	45.0	180.0	0	0	-
PV array 3	45.0	180.0	0	0	-
PV array 4	45.0	180.0	0	0	-
PV array 5	45.0	180.0	0	0	-
PV array 6	45.0	180.0	0	0	-
PV array 7	45.0	180.0	788	0	-
PV array 8	45.0	180.0	0	0	-
PV array 9	45.0	180.0	6,943	0	-

Component Data

PV Array(s)

Total PV footprint area: 5,183,315 m^2

Name: PV array 1
Footprint area: 534,233 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.173327	-0.683693	15.22	3.50	18.72
2	53.171796	-0.684143	15.03	3.50	18.53
3	53.171552	-0.683478	15.19	3.50	18.69
4	53.171127	-0.682985	15.98	3.50	19.48
5	53.169712	-0.681805	15.00	3.50	18.50
6	53.168092	-0.681418	16.50	3.50	20.00
7	53.167989	-0.682362	16.00	3.50	19.50
8	53.167616	-0.682427	15.86	3.50	19.36
9	53.166844	-0.682749	16.00	3.50	19.50
10	53.166574	-0.682985	16.00	3.50	19.50
11	53.166123	-0.682920	16.00	3.50	19.50
12	53.166394	-0.680345	17.00	3.50	20.50
13	53.166741	-0.680410	16.40	3.50	19.90
14	53.166831	-0.679530	17.48	3.50	20.98
15	53.167320	-0.679659	17.17	3.50	20.67
16	53.167564	-0.677277	20.64	3.50	24.14
17	53.166522	-0.676741	20.78	3.50	24.28
18	53.164593	-0.675024	20.02	3.50	23.52
19	53.163010	-0.673672	18.14	3.50	21.64
20	53.162869	-0.672857	19.04	3.50	22.54
21	53.163088	-0.672084	19.80	3.50	23.30
22	53.163679	-0.671333	23.18	3.50	26.68
23	53.165403	-0.672857	27.63	3.50	31.13
24	53.165648	-0.671870	30.61	3.50	34.11
25	53.166458	-0.671269	32.00	3.50	35.50
26	53.166857	-0.671569	31.99	3.50	35.49
27	53.167847	-0.667406	24.66	3.50	28.16
28	53.169468	-0.666720	25.10	3.50	28.60
29	53.169031	-0.668608	27.89	3.50	31.39
30	53.169198	-0.670067	30.98	3.50	34.48
31	53.169982	-0.673629	26.94	3.50	30.44
32	53.170246	-0.673758	26.58	3.50	30.08
33	53.171294	-0.673125	28.40	3.50	31.90
34	53.171745	-0.672299	30.82	3.50	34.32
35	53.172105	-0.674048	26.50	3.50	30.00
36	53.171674	-0.675957	22.65	3.50	26.15
37	53.171507	-0.677599	22.08	3.50	25.58
38	53.171629	-0.678414	22.99	3.50	26.49
39	53.171918	-0.678833	24.21	3.50	27.71
40	53.171809	-0.679283	22.62	3.50	26.12
41	53.171449	-0.679391	20.48	3.50	23.98
42	53.170838	-0.677985	18.51	3.50	22.01
43	53.170593	-0.678028	17.96	3.50	21.46
44	53.170606	-0.678200	17.83	3.50	21.33
45	53.171372	-0.679906	19.18	3.50	22.68
46	53.171249	-0.681719	17.42	3.50	20.92
47	53.171378	-0.681955	17.27	3.50	20.77
48	53.171333	-0.682395	16.56	3.50	20.06
49	53.171597	-0.682502	16.79	3.50	20.29
50	53.173384	-0.681622	18.75	3.50	22.25

Name: PV array 10
Footprint area: 185,320 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.150798	-0.633966	8.64	3.50	12.14
2	53.150219	-0.635436	8.34	3.50	11.84
3	53.150026	-0.636744	8.28	3.50	11.78
4	53.148983	-0.636744	9.89	3.50	13.39
5	53.148803	-0.636862	10.13	3.50	13.63
6	53.148829	-0.637045	9.76	3.50	13.26
7	53.147420	-0.637957	10.19	3.50	13.69
8	53.146461	-0.637796	10.65	3.50	14.15
9	53.146126	-0.637302	11.44	3.50	14.94
10	53.145875	-0.635146	9.74	3.50	13.24
11	53.145566	-0.635264	9.14	3.50	12.64
12	53.145451	-0.635843	9.42	3.50	12.92
13	53.145142	-0.635951	9.94	3.50	13.44
14	53.144987	-0.634910	11.54	3.50	15.04
15	53.144637	-0.634278	12.00	3.50	15.50
16	53.143968	-0.633344	12.41	3.50	15.91
17	53.144200	-0.633280	11.84	3.50	15.34
18	53.144953	-0.632754	9.97	3.50	13.47
19	53.145828	-0.631949	10.31	3.50	13.81
20	53.146497	-0.631509	11.15	3.50	14.65
21	53.147668	-0.633848	12.51	3.50	16.01
22	53.148395	-0.633344	12.81	3.50	16.31
23	53.148254	-0.632947	13.08	3.50	16.58
24	53.148910	-0.632035	13.05	3.50	16.55
25	53.149148	-0.632604	13.03	3.50	16.53
26	53.149631	-0.631853	12.49	3.50	15.99

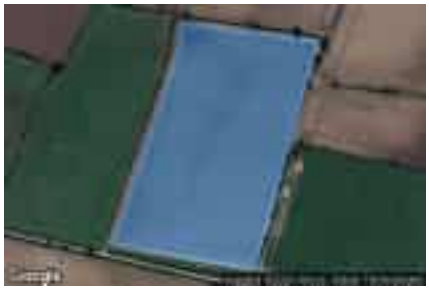
Name: PV array 11
Footprint area: 717,731 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.148506	-0.631749	13.14	3.50	16.64
2	53.147850	-0.632704	12.97	3.50	16.47
3	53.147683	-0.632715	12.37	3.50	15.87
4	53.146640	-0.630945	11.20	3.50	14.70
5	53.146396	-0.630848	12.22	3.50	15.72
6	53.145637	-0.631266	12.28	3.50	15.78
7	53.144343	-0.632565	11.04	3.50	14.54
8	53.142046	-0.627951	13.11	3.50	16.61
9	53.141524	-0.626084	12.34	3.50	15.84
10	53.138596	-0.627329	13.83	3.50	17.33
11	53.138454	-0.627232	13.48	3.50	16.98
12	53.137051	-0.628370	12.96	3.50	16.46
13	53.137154	-0.629056	13.21	3.50	16.71
14	53.135919	-0.628649	14.19	3.50	17.69
15	53.135771	-0.627640	12.78	3.50	16.28
16	53.134593	-0.628456	13.03	3.50	16.53
17	53.134464	-0.624700	12.77	3.50	16.27
18	53.134618	-0.624700	12.76	3.50	16.26
19	53.134631	-0.624990	12.76	3.50	16.26
20	53.135655	-0.624947	12.58	3.50	16.08
21	53.135758	-0.626331	11.86	3.50	15.36
22	53.136112	-0.626567	11.92	3.50	15.42
23	53.136549	-0.625162	10.74	3.50	14.24
24	53.136717	-0.625055	10.13	3.50	13.63
25	53.136652	-0.624636	10.38	3.50	13.88
26	53.137450	-0.624089	10.03	3.50	13.53
27	53.135830	-0.616790	7.11	3.50	10.61
28	53.136200	-0.615960	6.99	3.50	10.49
29	53.137240	-0.614930	7.15	3.50	10.65
30	53.137620	-0.615710	7.24	3.50	10.74
31	53.137860	-0.615550	7.38	3.50	10.88
32	53.137990	-0.614790	7.14	3.50	10.64
33	53.139105	-0.617426	7.93	3.50	11.43
34	53.139800	-0.619754	11.05	3.50	14.55
35	53.141717	-0.618682	9.38	3.50	12.88
36	53.142129	-0.620227	11.21	3.50	14.71
37	53.142007	-0.620323	10.80	3.50	14.30
38	53.142541	-0.622211	11.19	3.50	14.69
39	53.144034	-0.620784	11.76	3.50	15.26
40	53.144607	-0.623563	11.92	3.50	15.42
41	53.145591	-0.624582	12.63	3.50	16.13
42	53.145044	-0.625248	12.90	3.50	16.40
43	53.145077	-0.625666	12.28	3.50	15.78
44	53.146634	-0.628348	11.72	3.50	15.22
45	53.146808	-0.628220	12.16	3.50	15.66
46	53.148268	-0.630762	12.11	3.50	15.61
47	53.148101	-0.631030	11.92	3.50	15.42

Name: PV array 12
Footprint area: 73,115 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.136228	-0.613414	8.07	3.50	11.57
2	53.135854	-0.613478	8.46	3.50	11.96
3	53.133222	-0.614980	9.82	3.50	13.32
4	53.132887	-0.611772	10.64	3.50	14.14
5	53.135977	-0.610335	9.13	3.50	12.63

Name: PV array 13
Footprint area: 737,059 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.135585	-0.658160	11.48	3.50	14.98
2	53.136461	-0.665906	14.75	3.50	18.25
3	53.130642	-0.667945	14.56	3.50	18.06
4	53.130333	-0.666357	13.81	3.50	17.31
5	53.128440	-0.666872	14.86	3.50	18.36
6	53.128582	-0.668717	14.77	3.50	18.27
7	53.128273	-0.668782	14.57	3.50	18.07
8	53.128131	-0.667301	14.49	3.50	17.99
9	53.125730	-0.667666	13.07	3.50	16.57
10	53.125710	-0.667945	12.94	3.50	16.44
11	53.124455	-0.667505	13.19	3.50	16.69
12	53.124558	-0.666711	12.70	3.50	16.20
13	53.123380	-0.665788	11.31	3.50	14.81
14	53.123457	-0.665370	11.00	3.50	14.50
15	53.123122	-0.665220	12.04	3.50	15.54
16	53.123476	-0.663514	13.15	3.50	16.65
17	53.124365	-0.661776	13.29	3.50	16.79
18	53.124571	-0.660832	13.96	3.50	17.46
19	53.125067	-0.660220	13.10	3.50	16.60
20	53.126410	-0.656650	11.66	3.50	15.16
21	53.126650	-0.656260	11.38	3.50	14.88
22	53.126960	-0.656270	11.65	3.50	15.15
23	53.127180	-0.656070	12.25	3.50	15.75
24	53.127600	-0.659050	12.08	3.50	15.58
25	53.128790	-0.658920	13.52	3.50	17.02
26	53.129280	-0.661440	14.94	3.50	18.44
27	53.131090	-0.659840	14.90	3.50	18.40
28	53.131520	-0.659500	14.40	3.50	17.90
29	53.132320	-0.658860	12.70	3.50	16.20
30	53.133327	-0.657930	12.71	3.50	16.21
31	53.133345	-0.658664	11.01	3.50	14.51

Name: PV array 14
Footprint area: 209,909 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132660	-0.653180	10.42	3.50	13.92
2	53.132070	-0.653360	10.23	3.50	13.73
3	53.131511	-0.653075	11.28	3.50	14.78
4	53.130770	-0.652409	10.38	3.50	13.88
5	53.130352	-0.650049	9.94	3.50	13.44
6	53.130095	-0.649556	9.85	3.50	13.35
7	53.130275	-0.649255	10.71	3.50	14.21
8	53.132390	-0.648020	11.38	3.50	14.88
9	53.133030	-0.650850	12.02	0.00	12.02
9	53.133030	-0.650850	12.02	0.00	12.02
9	53.133030	-0.650850	12.02	0.00	12.02
9	53.133030	-0.650850	12.02	0.00	12.02
9	53.133030	-0.650850	12.02	0.00	12.02
9	53.133030	-0.650850	12.02	0.00	12.02
9	53.133030	-0.650850	12.02	0.00	12.02
9	53.133030	-0.650850	12.02	0.00	12.02
10	53.136270	-0.648960	10.09	0.00	10.09
10	53.136270	-0.648960	10.09	0.00	10.09
10	53.136270	-0.648960	10.09	0.00	10.09
10	53.136270	-0.648960	10.09	0.00	10.09
10	53.136270	-0.648960	10.09	0.00	10.09
10	53.136270	-0.648960	10.09	0.00	10.09
10	53.136270	-0.648960	10.09	0.00	10.09
10	53.136270	-0.648960	10.09	0.00	10.09
11	53.136080	-0.645870	9.77	0.00	9.77
11	53.136080	-0.645870	9.77	0.00	9.77
11	53.136080	-0.645870	9.77	0.00	9.77
11	53.136080	-0.645870	9.77	0.00	9.77
11	53.136080	-0.645870	9.77	0.00	9.77
11	53.136080	-0.645870	9.77	0.00	9.77
11	53.136080	-0.645870	9.77	0.00	9.77
11	53.136080	-0.645870	9.77	0.00	9.77
12	53.137430	-0.645210	9.73	0.00	9.73
12	53.137430	-0.645210	9.73	0.00	9.73
12	53.137430	-0.645210	9.73	0.00	9.73
12	53.137430	-0.645210	9.73	0.00	9.73
12	53.137430	-0.645210	9.73	0.00	9.73
12	53.137430	-0.645210	9.73	0.00	9.73
12	53.137430	-0.645210	9.73	0.00	9.73
12	53.137430	-0.645210	9.73	0.00	9.73
13	53.137750	-0.648600	9.23	0.00	9.23
13	53.137750	-0.648600	9.23	0.00	9.23
13	53.137750	-0.648600	9.23	0.00	9.23
13	53.137750	-0.648600	9.23	0.00	9.23
13	53.137750	-0.648600	9.23	0.00	9.23
13	53.137750	-0.648600	9.23	0.00	9.23
13	53.137750	-0.648600	9.23	0.00	9.23
13	53.137750	-0.648600	9.23	0.00	9.23
14	53.137580	-0.648830	9.22	0.00	9.22
14	53.137580	-0.648830	9.22	0.00	9.22
14	53.137580	-0.648830	9.22	0.00	9.22
14	53.137580	-0.648830	9.22	0.00	9.22
14	53.137580	-0.648830	9.22	0.00	9.22
14	53.137580	-0.648830	9.22	0.00	9.22
14	53.137580	-0.648830	9.22	0.00	9.22
14	53.137580	-0.648830	9.22	0.00	9.22
15	53.138060	-0.652120	9.08	0.00	9.08
15	53.138060	-0.652120	9.08	0.00	9.08
15	53.138060	-0.652120	9.08	0.00	9.08
15	53.138060	-0.652120	9.08	0.00	9.08
15	53.138060	-0.652120	9.08	0.00	9.08
15	53.138060	-0.652120	9.08	0.00	9.08
15	53.138060	-0.652120	9.08	0.00	9.08
15	53.138060	-0.652120	9.08	0.00	9.08

16	53.137820	-0.652230	9.58	0.00	9.58
16	53.137820	-0.652230	9.58	0.00	9.58
16	53.137820	-0.652230	9.58	0.00	9.58
16	53.137820	-0.652230	9.58	0.00	9.58
16	53.137820	-0.652230	9.58	0.00	9.58
16	53.137820	-0.652230	9.58	0.00	9.58
16	53.137820	-0.652230	9.58	0.00	9.58
16	53.137820	-0.652230	9.58	0.00	9.58
17	53.137750	-0.652040	9.56	0.00	9.56
17	53.137750	-0.652040	9.56	0.00	9.56
17	53.137750	-0.652040	9.56	0.00	9.56
17	53.137750	-0.652040	9.56	0.00	9.56
17	53.137750	-0.652040	9.56	0.00	9.56
17	53.137750	-0.652040	9.56	0.00	9.56
17	53.137750	-0.652040	9.56	0.00	9.56
17	53.137750	-0.652040	9.56	0.00	9.56
18	53.135890	-0.651840	9.88	0.00	9.88
18	53.135890	-0.651840	9.88	0.00	9.88
18	53.135890	-0.651840	9.88	0.00	9.88
18	53.135890	-0.651840	9.88	0.00	9.88
18	53.135890	-0.651840	9.88	0.00	9.88
18	53.135890	-0.651840	9.88	0.00	9.88
18	53.135890	-0.651840	9.88	0.00	9.88
18	53.135890	-0.651840	9.88	0.00	9.88

Name: PV array 15
Footprint area: 78,226 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132772	-0.647378	9.94	3.50	13.44
2	53.130056	-0.648847	10.80	3.50	14.30
3	53.129882	-0.649255	9.89	3.50	13.39
4	53.129303	-0.648847	10.80	3.50	14.30
5	53.128942	-0.648858	10.87	3.50	14.37
6	53.128884	-0.648418	11.51	3.50	15.01
7	53.128311	-0.648386	11.43	3.50	14.93
8	53.128105	-0.646884	11.40	3.50	14.90
9	53.130622	-0.645758	10.83	3.50	14.33
10	53.130700	-0.646122	11.65	3.50	15.15
11	53.131298	-0.645768	10.18	3.50	13.68
12	53.132410	-0.645330	9.00	3.50	12.50

Name: PV array 2
Footprint area: 606,601 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.179699	-0.666763	17.74	3.50	21.24
2	53.179108	-0.670067	20.15	3.50	23.65
3	53.176523	-0.668029	19.69	3.50	23.19
4	53.174220	-0.666891	26.06	3.50	29.56
5	53.174465	-0.660669	17.80	3.50	21.30
6	53.172497	-0.660755	16.16	3.50	19.66
7	53.172510	-0.661355	17.14	3.50	20.64
8	53.172960	-0.661484	17.29	3.50	20.79
9	53.173230	-0.666677	24.28	3.50	27.78
10	53.172175	-0.666226	20.97	3.50	24.47
11	53.171823	-0.664919	19.69	3.50	23.19
12	53.171714	-0.664865	19.72	3.50	23.22
13	53.170968	-0.662526	18.08	3.50	21.58
14	53.170357	-0.661797	17.29	3.50	20.79
15	53.174293	-0.653523	13.69	3.50	17.19
16	53.178283	-0.655459	15.69	3.50	19.19
17	53.179363	-0.655588	13.41	3.50	16.91
18	53.178051	-0.662519	19.70	3.50	23.20
19	53.177884	-0.665737	19.63	3.50	23.13

Name: PV array 3
Footprint area: 680,123 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.162240	-0.675330	17.88	3.50	21.38
2	53.159340	-0.671810	16.96	3.50	20.46
3	53.159790	-0.670480	16.50	3.50	20.00
4	53.160860	-0.668250	17.83	3.50	21.33
5	53.160420	-0.666810	17.26	3.50	20.76
6	53.159450	-0.669110	15.52	3.50	19.02
7	53.159860	-0.669750	15.96	3.50	19.46
8	53.159140	-0.671710	16.90	3.50	20.40
9	53.158240	-0.670650	16.68	3.50	20.18
10	53.158390	-0.670070	16.02	3.50	19.52
11	53.157840	-0.668790	15.77	3.50	19.27
12	53.159770	-0.664130	19.42	3.50	22.92
13	53.159920	-0.664410	18.34	3.50	21.84
14	53.160980	-0.661830	24.58	3.50	28.08
15	53.161160	-0.662010	24.26	3.50	27.76
16	53.161290	-0.661640	25.79	3.50	29.29
17	53.161160	-0.661450	26.00	3.50	29.50
18	53.162190	-0.659350	26.37	3.50	29.87
19	53.162080	-0.658850	26.32	3.50	29.82
20	53.162600	-0.657690	27.46	3.50	30.96
21	53.165690	-0.658340	22.77	3.50	26.27
22	53.165920	-0.658980	21.27	3.50	24.77
23	53.166210	-0.659430	20.99	3.50	24.49
24	53.165960	-0.661020	21.23	3.50	24.73
25	53.167980	-0.662370	18.26	3.50	21.76
26	53.167650	-0.663320	18.23	3.50	21.73
27	53.167500	-0.667240	23.91	3.50	27.41
28	53.164620	-0.668620	26.56	3.50	30.06
29	53.164820	-0.669520	27.49	3.50	30.99
30	53.163160	-0.671190	20.73	3.50	24.23
31	53.162730	-0.672050	18.84	3.50	22.34
32	53.162570	-0.673160	18.39	3.50	21.89
33	53.162750	-0.673700	17.85	3.50	21.35
34	53.162650	-0.674340	17.02	3.50	20.52

Name: PV array 4
Footprint area: 540,373 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.172585	-0.642585	14.81	3.50	18.31
2	53.173512	-0.648335	13.73	3.50	17.23
3	53.168740	-0.657433	17.19	3.50	20.69
4	53.168530	-0.657412	16.94	3.50	20.44
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
6	53.168300	-0.658730	18.04	3.50	21.54
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
8	53.165850	-0.657640	21.97	3.50	25.47
9	53.165650	-0.657980	23.24	3.50	26.74
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
13	53.166850	-0.655520	18.20	3.50	21.70
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
15	53.167980	-0.655110	18.44	3.50	21.94
16	53.169113	-0.651554	16.06	3.50	19.56
17	53.169113	-0.651060	15.41	3.50	18.91
18	53.168032	-0.650867	15.63	3.50	19.13
19	53.167955	-0.651597	16.07	3.50	19.57
20	53.167337	-0.651232	15.83	3.50	19.33
21	53.166077	-0.651103	19.26	3.50	22.76
22	53.166115	-0.650481	18.68	3.50	22.18

23	53.165961	-0.650181	19.78	3.50	23.28
24	53.168251	-0.644537	17.16	3.50	20.66
25	53.168920	-0.644687	16.30	3.50	19.80
26	53.170129	-0.644408	16.57	3.50	20.07
27	53.171132	-0.643754	15.25	3.50	18.75
28	53.171151	-0.643400	15.23	3.50	18.73
29	53.172000	-0.642681	14.97	3.50	18.47

Name: PV array 5
Footprint area: 85,119 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.175987	-0.638261	17.17	3.50	20.67
2	53.175962	-0.637317	17.32	3.50	20.82
3	53.175704	-0.636180	15.99	3.50	19.49
4	53.172039	-0.635257	10.34	3.50	13.84
5	53.170855	-0.638197	11.33	3.50	14.83
6	53.174251	-0.638304	12.30	3.50	15.80

Name: PV array 6
Footprint area: 178,317 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.167678	-0.644140	17.52	3.50	21.02
2	53.165556	-0.649011	19.39	3.50	22.89
3	53.164810	-0.644784	20.41	3.50	23.91
4	53.165350	-0.641716	16.27	3.50	19.77
5	53.163562	-0.640986	20.48	3.50	23.98
6	53.161902	-0.640643	22.38	3.50	25.88
7	53.159226	-0.640385	15.78	3.50	19.28
8	53.159329	-0.638197	13.14	3.50	16.64
9	53.162726	-0.638883	20.72	3.50	24.22
10	53.164115	-0.639205	17.21	3.50	20.71
11	53.165183	-0.639763	14.44	3.50	17.94
12	53.165800	-0.640707	14.81	3.50	18.31
13	53.166366	-0.642209	16.10	3.50	19.60
14	53.166971	-0.643282	16.63	3.50	20.13

Name: PV array 7
Footprint area: 492,432 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.164655	-0.651071	23.57	3.50	27.07
2	53.164218	-0.652101	24.34	3.50	27.84
3	53.163588	-0.652015	24.43	3.50	27.93
4	53.163575	-0.652466	24.10	3.50	27.60
5	53.163883	-0.652809	24.86	3.50	28.36
6	53.162790	-0.655406	26.04	3.50	29.54
7	53.162404	-0.655148	26.50	3.50	30.00
8	53.162082	-0.655835	27.39	3.50	30.89
9	53.162263	-0.656543	27.11	3.50	30.61
10	53.161516	-0.658324	26.25	3.50	29.75
11	53.158776	-0.654054	22.55	3.50	26.05
12	53.156879	-0.652104	18.45	3.50	21.95
13	53.156840	-0.650806	17.85	3.50	21.35
14	53.156634	-0.650474	16.75	3.50	20.25
15	53.155412	-0.650935	12.99	3.50	16.49
16	53.155245	-0.650441	12.47	3.50	15.97
17	53.154428	-0.650484	11.62	3.50	15.12
18	53.152317	-0.650581	10.82	3.50	14.32
19	53.151545	-0.650656	11.68	3.50	15.18
20	53.151481	-0.651761	11.49	3.50	14.99
21	53.151159	-0.651729	12.56	3.50	16.06
22	53.151178	-0.650924	12.32	3.50	15.82
23	53.150863	-0.650624	12.97	3.50	16.47
24	53.149042	-0.650581	13.39	3.50	16.89
25	53.149113	-0.652083	14.82	3.50	18.32
26	53.147459	-0.652115	10.92	3.50	14.42
27	53.147762	-0.654604	14.65	3.50	18.15
28	53.146730	-0.654770	11.29	3.50	14.79
29	53.146710	-0.654450	10.79	3.50	14.29
30	53.146660	-0.653930	9.99	3.50	13.49
31	53.146560	-0.653210	9.32	3.50	12.82
32	53.146500	-0.652650	9.65	3.50	13.15
33	53.146620	-0.652540	9.69	3.50	13.19
34	53.146670	-0.652330	9.64	3.50	13.14
35	53.146500	-0.650990	8.94	3.50	12.44
36	53.146830	-0.651060	9.07	3.50	12.57
37	53.147220	-0.650840	9.43	3.50	12.93
38	53.147530	-0.650195	9.95	3.50	13.45
39	53.148058	-0.647824	10.34	3.50	13.84
40	53.149293	-0.647502	11.75	3.50	15.25
41	53.149364	-0.647008	11.40	3.50	14.90
42	53.149004	-0.645163	9.84	3.50	13.34
43	53.149068	-0.644702	10.07	3.50	13.57
44	53.149589	-0.644659	10.09	3.50	13.59
45	53.150246	-0.645152	10.47	3.50	13.97
46	53.150709	-0.646118	10.77	3.50	14.27
47	53.150861	-0.646854	11.55	3.50	15.05
48	53.152186	-0.646683	10.55	3.50	14.05
49	53.152302	-0.648378	10.85	3.50	14.35
50	53.152559	-0.648356	11.03	3.50	14.53
51	53.152650	-0.647820	11.33	3.50	14.83
52	53.152843	-0.647562	10.51	3.50	14.01
53	53.152984	-0.648185	10.54	3.50	14.04
54	53.153396	-0.648850	10.72	3.50	14.22
55	53.153821	-0.649000	11.70	3.50	15.20
56	53.153821	-0.647176	11.57	3.50	15.07
57	53.157030	-0.647114	18.62	3.50	22.12
58	53.157911	-0.650923	21.21	3.50	24.71
59	53.159526	-0.650773	24.30	3.50	27.80
60	53.159841	-0.651545	25.93	3.50	29.43
61	53.160478	-0.652318	28.32	3.50	31.82
62	53.160542	-0.654142	27.00	3.50	30.50
63	53.161668	-0.654152	28.25	3.50	31.75
64	53.162003	-0.653691	27.32	3.50	30.82

65	53.161359	-0.652489	27.84	3.50	31.34
66	53.161314	-0.650848	28.23	3.50	31.73

Name: PV array 8
Footprint area: 15,661 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.149067	-0.644094	9.24	3.50	12.74
2	53.149505	-0.644029	9.82	3.50	13.32
3	53.149878	-0.644094	9.57	3.50	13.07
4	53.150888	-0.643353	9.27	3.50	12.77
5	53.150521	-0.642002	8.25	3.50	11.75
6	53.149871	-0.642806	8.50	3.50	12.00
7	53.149472	-0.642796	8.80	3.50	12.30
8	53.149215	-0.643192	8.74	3.50	12.24
9	53.149022	-0.644072	9.17	3.50	12.67

Name: PV array 9
Footprint area: 49,096 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.144980	-0.656700	12.95	3.50	16.45
2	53.143230	-0.656440	10.07	3.50	13.57
3	53.143170	-0.652900	8.94	3.50	12.44
4	53.143890	-0.652530	9.13	0.00	9.13
5	53.144200	-0.652530	9.20	3.50	12.70
6	53.144680	-0.653130	9.45	3.50	12.95
7	53.144910	-0.653050	9.39	3.50	12.89

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	53.132893	-0.623725	12.40	2.00	14.40
OP 2	53.129916	-0.668905	16.44	2.00	18.44
OP 3	53.129694	-0.669050	16.55	2.00	18.55
OP 4	53.128850	-0.656726	14.32	2.00	16.32
OP 5	53.129475	-0.621240	10.02	2.00	12.02
OP 6	53.129501	-0.619743	10.55	2.00	12.55
OP 7	53.127099	-0.611879	11.57	2.00	13.57
OP 8	53.126419	-0.601524	8.00	2.00	10.00
OP 9	53.133490	-0.637777	14.37	2.00	16.37
OP 10	53.133290	-0.635813	14.85	2.00	16.85
OP 11	53.133042	-0.634215	15.37	2.00	17.37
OP 12	53.132862	-0.633346	15.62	2.00	17.62
OP 13	53.132032	-0.633485	16.15	2.00	18.15
OP 14	53.131253	-0.633410	15.73	2.00	17.73
OP 15	53.129553	-0.633142	15.16	2.00	17.16
OP 16	53.127847	-0.634514	15.68	2.00	17.68
OP 17	53.126540	-0.634911	15.83	2.00	17.83
OP 18	53.126753	-0.637905	15.81	2.00	17.81
OP 19	53.126862	-0.639342	15.88	2.00	17.88
OP 20	53.126985	-0.641327	15.93	2.00	17.93
OP 21	53.125459	-0.641177	14.77	2.00	16.77
OP 22	53.124030	-0.643065	16.44	2.00	18.44
OP 23	53.124248	-0.645694	14.96	2.00	16.96
OP 24	53.125356	-0.645597	13.44	2.00	15.44
OP 25	53.126733	-0.644997	14.46	2.00	16.46
OP 26	53.127957	-0.642990	12.86	2.00	14.86
OP 27	53.129180	-0.642819	12.46	2.00	14.46
OP 28	53.130319	-0.642507	13.21	2.00	15.21
OP 29	53.131381	-0.642218	13.41	2.00	15.41
OP 30	53.131780	-0.641156	15.22	2.00	17.22
OP 31	53.131478	-0.639739	15.03	2.00	17.03
OP 32	53.132225	-0.638398	14.35	2.00	16.35
OP 33	53.123521	-0.638420	15.71	2.00	17.71
OP 34	53.123315	-0.681829	18.43	2.00	20.43
OP 35	53.122890	-0.679661	17.83	2.00	19.83
OP 36	53.123791	-0.675048	17.13	2.00	19.13
OP 37	53.122909	-0.675445	17.00	2.00	19.00
OP 38	53.121943	-0.673653	18.14	2.00	20.14
OP 39	53.121596	-0.671196	17.00	2.00	19.00
OP 40	53.121229	-0.669083	14.66	2.00	16.66
OP 41	53.120154	-0.671840	16.09	2.00	18.09
OP 42	53.121596	-0.675069	18.80	2.00	20.80
OP 43	53.121972	-0.677473	16.36	2.00	18.36

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
PV array 1	45.0	180.0	0	0	-	-
PV array 10	45.0	180.0	629	0	-	-
PV array 11	45.0	180.0	33,488	29	-	-
PV array 12	45.0	180.0	43,311	45	-	-
PV array 13	45.0	180.0	88,187	8,084	-	-
PV array 14	45.0	180.0	67,232	1,436	-	-
PV array 15	45.0	180.0	48,274	1,434	-	-
PV array 2	45.0	180.0	0	0	-	-
PV array 3	45.0	180.0	0	0	-	-
PV array 4	45.0	180.0	0	0	-	-
PV array 5	45.0	180.0	0	0	-	-
PV array 6	45.0	180.0	0	0	-	-
PV array 7	45.0	180.0	788	0	-	-
PV array 8	45.0	180.0	0	0	-	-
PV array 9	45.0	180.0	6,943	0	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
pv-array-10 (green)	0	0	0	0	0	396	48	0	0	0	0	0
pv-array-10 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-11 (green)	0	0	4	658	1391	1760	1608	936	77	0	0	0
pv-array-11 (yellow)	0	0	0	3	0	0	0	1	0	0	0	0
pv-array-12 (green)	0	0	239	573	616	760	657	591	399	0	0	0
pv-array-12 (yellow)	0	0	0	0	0	0	0	1	0	0	0	0
pv-array-13 (green)	0	0	506	1036	1395	1433	1424	1176	754	0	0	0
pv-array-13 (yellow)	0	0	0	138	3	0	0	114	42	0	0	0
pv-array-14 (green)	0	0	297	1035	1271	1298	1296	1111	582	0	0	0
pv-array-14 (yellow)	0	0	2	20	0	0	0	27	5	0	0	0
pv-array-15 (green)	0	0	528	1250	1261	1284	1289	1289	863	0	0	0
pv-array-15 (yellow)	0	0	1	44	0	0	0	26	25	0	0	0
pv-array-7 (green)	0	0	0	0	4	622	162	0	0	0	0	0
pv-array-7 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-9 (green)	0	0	0	0	512	849	782	0	0	0	0	0
pv-array-9 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

PV array 1 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

No glare found

PV array 10 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)

OP: OP 1	0	0
OP: OP 2	362	0
OP: OP 3	267	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

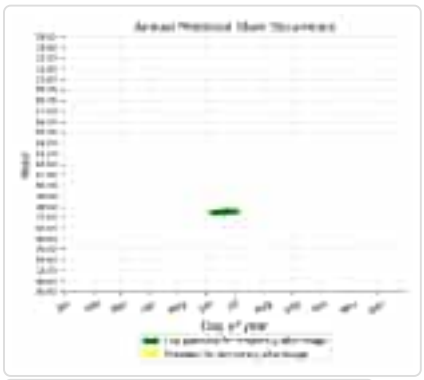
PV array 10: OP 1

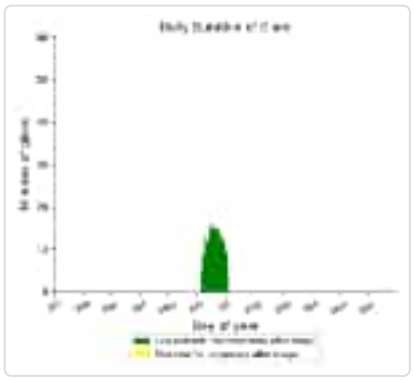
No glare found

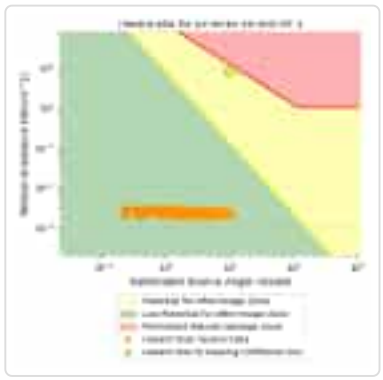
PV array 10: OP 2

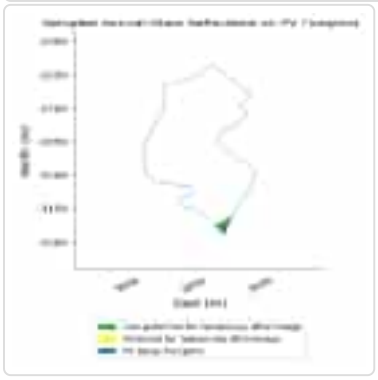
PV array is expected to produce the following glare for this receptor:

- 362 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





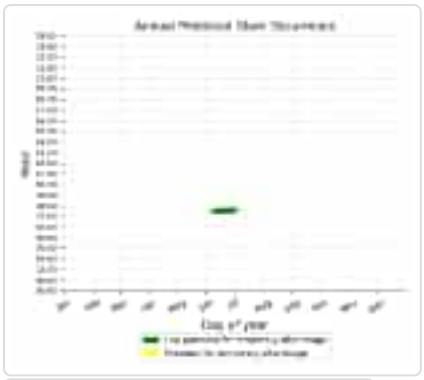


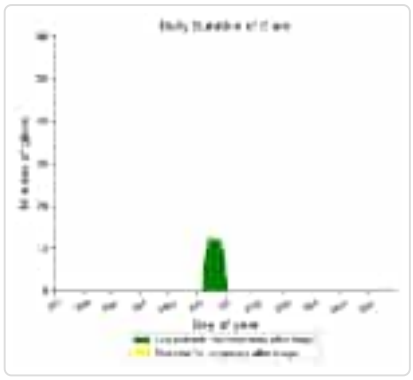


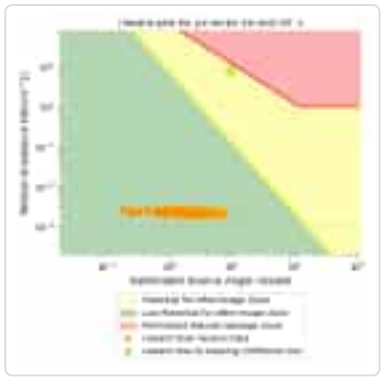
PV array 10: OP 3

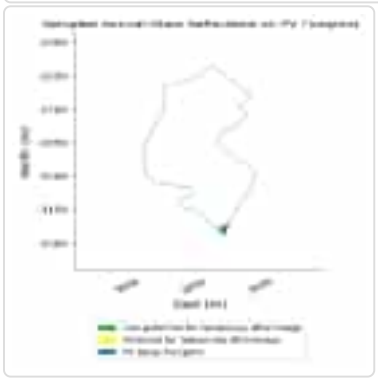
PV array is expected to produce the following glare for this receptor:

- 267 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 4

No glare found

PV array 10: OP 5

No glare found

PV array 10: OP 6

No glare found

PV array 10: OP 7

No glare found

PV array 10: OP 8

No glare found

PV array 10: OP 9

No glare found

PV array 10: OP 10

No glare found

PV array 10: OP 11

No glare found

PV array 10: OP 12

No glare found

PV array 10: OP 13

No glare found

PV array 10: OP 14

No glare found

PV array 10: OP 15

No glare found

PV array 10: OP 16

No glare found

PV array 10: OP 17

No glare found

PV array 10: OP 18

No glare found

PV array 10: OP 19

No glare found

PV array 10: OP 20

No glare found

PV array 10: OP 21

No glare found

PV array 10: OP 22

No glare found

PV array 10: OP 23

No glare found

PV array 10: OP 24

No glare found

PV array 10: OP 25

No glare found

PV array 10: OP 26

No glare found

PV array 10: OP 27

No glare found

PV array 10: OP 28

No glare found

PV array 10: OP 29

No glare found

PV array 10: OP 30

No glare found

PV array 10: OP 31

No glare found

PV array 10: OP 32

No glare found

PV array 10: OP 33

No glare found

PV array 10: OP 34

No glare found

PV array 10: OP 35

No glare found

PV array 10: OP 36

No glare found

PV array 10: OP 37

No glare found

PV array 10: OP 38

No glare found

PV array 10: OP 39

No glare found

PV array 10: OP 40

No glare found

PV array 10: OP 41

No glare found

PV array 10: OP 42

No glare found

PV array 10: OP 43

No glare found

PV array 11 potential temporary after-image

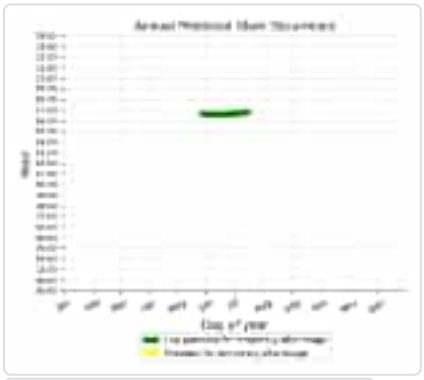
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	814	0
OP: OP 2	2234	0
OP: OP 3	1985	0
OP: OP 4	1780	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	797	0
OP: OP 9	1655	29
OP: OP 10	0	0
OP: OP 11	1714	0
OP: OP 12	2041	0
OP: OP 13	1752	0
OP: OP 14	1210	0
OP: OP 15	217	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	80	0
OP: OP 25	303	0
OP: OP 26	656	0
OP: OP 27	900	0

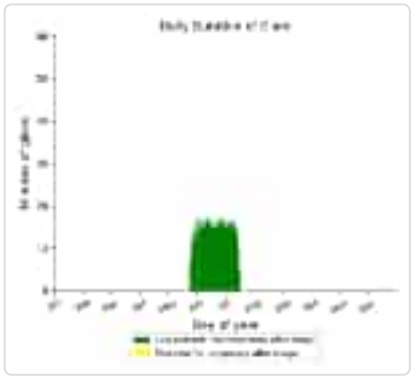
OP: OP 28	1229	0
OP: OP 29	1885	0
OP: OP 30	20	0
OP: OP 31	0	0
OP: OP 32	1273	0
OP: OP 33	0	0
OP: OP 34	1165	0
OP: OP 35	1269	0
OP: OP 36	1325	0
OP: OP 37	1259	0
OP: OP 38	951	0
OP: OP 39	966	0
OP: OP 40	891	0
OP: OP 41	829	0
OP: OP 42	1005	0
OP: OP 43	1283	0

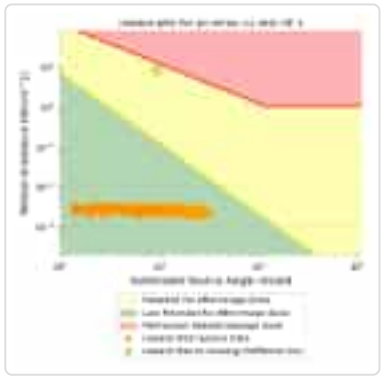
PV array 11: OP 1

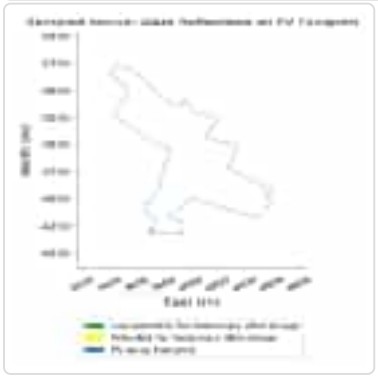
PV array is expected to produce the following glare for this receptor:

- 814 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





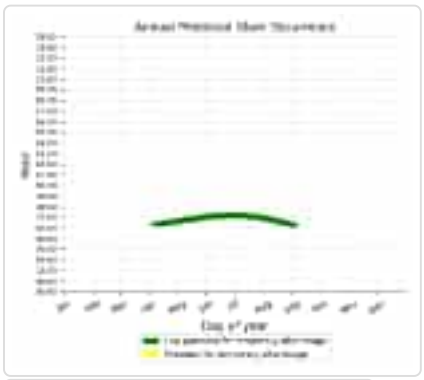


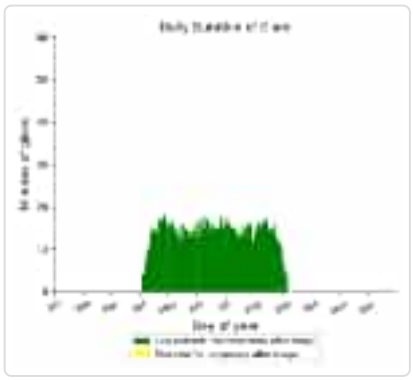


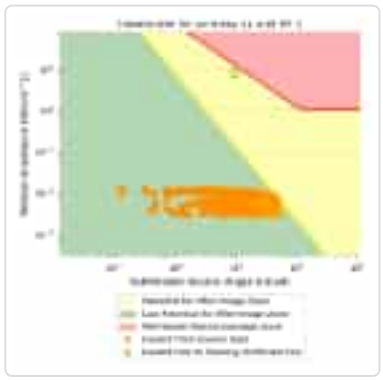
PV array 11: OP 2

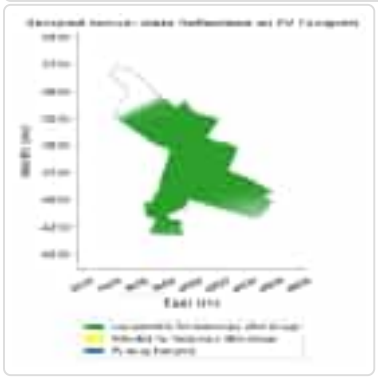
PV array is expected to produce the following glare for this receptor:

- 2,234 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





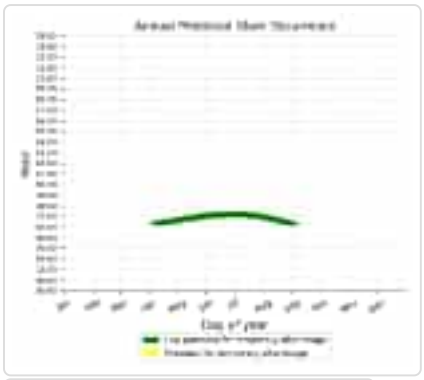


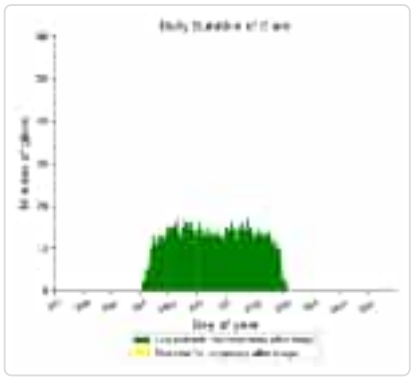


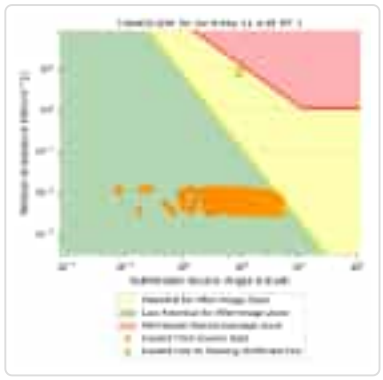
PV array 11: OP 3

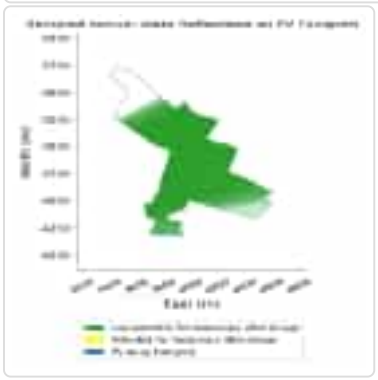
PV array is expected to produce the following glare for this receptor:

- 1,985 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





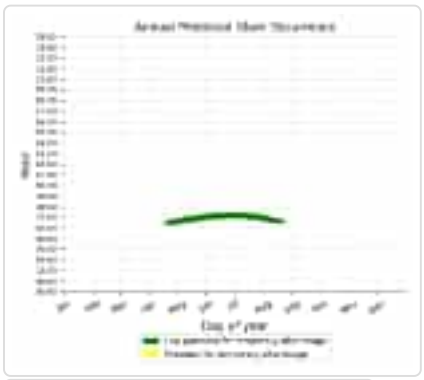


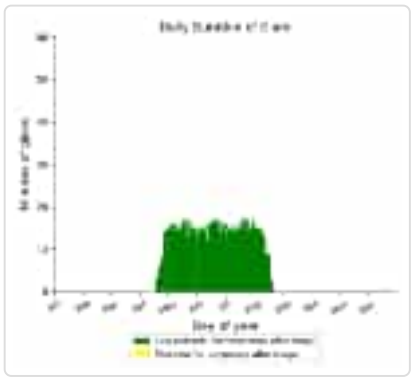


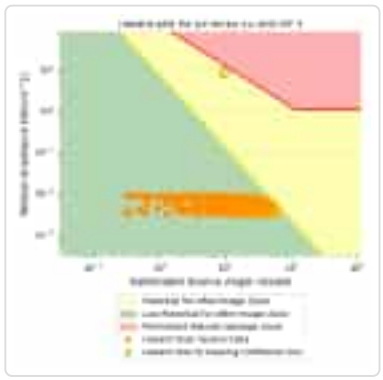
PV array 11: OP 4

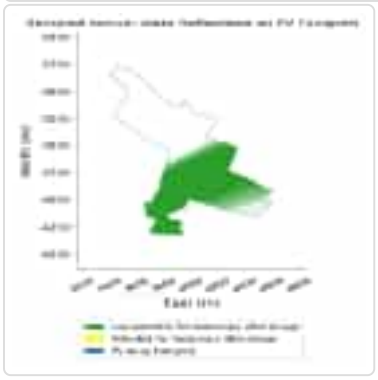
PV array is expected to produce the following glare for this receptor:

- 1,780 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 5

No glare found

PV array 11: OP 6

No glare found

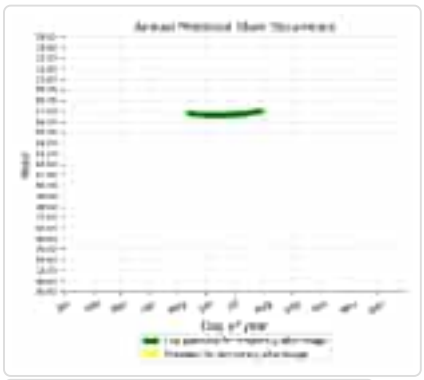
PV array 11: OP 7

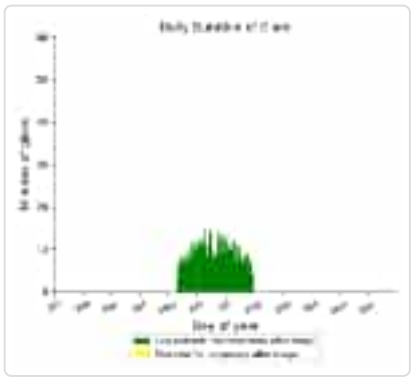
No glare found

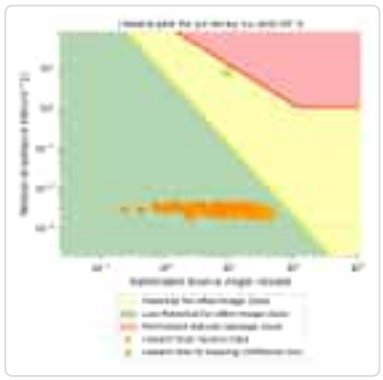
PV array 11: OP 8

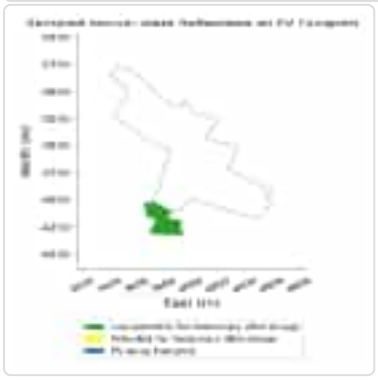
PV array is expected to produce the following glare for this receptor:

- 797 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





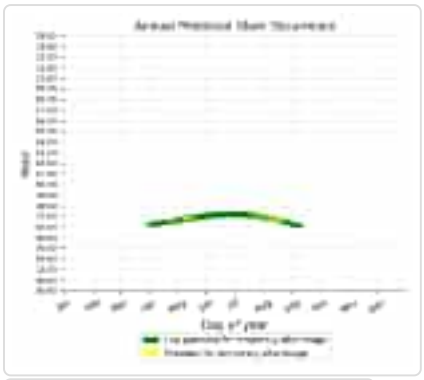


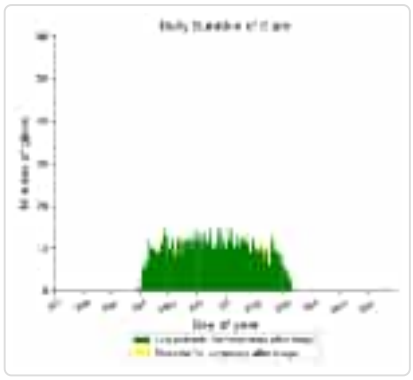


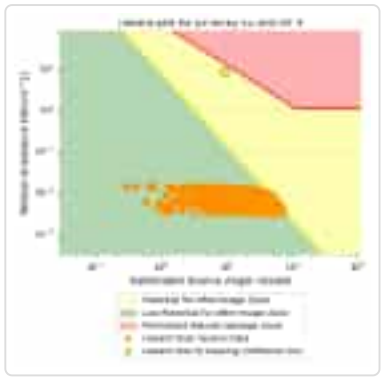
PV array 11: OP 9

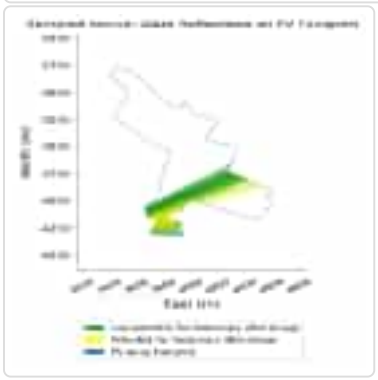
PV array is expected to produce the following glare for this receptor:

- 1,655 minutes of "green" glare with low potential to cause temporary after-image.
- 29 minutes of "yellow" glare with potential to cause temporary after-image.









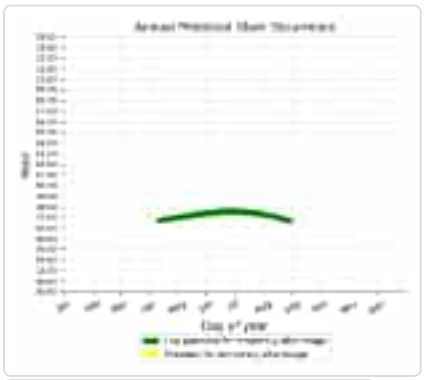
PV array 11: OP 10

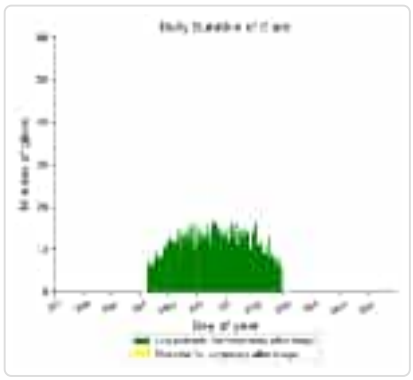
No glare found

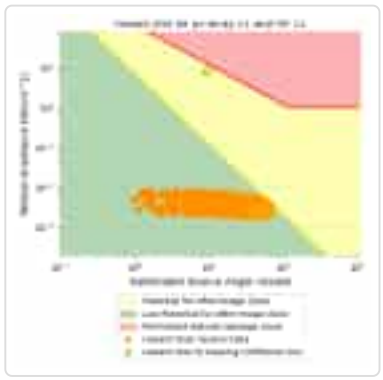
PV array 11: OP 11

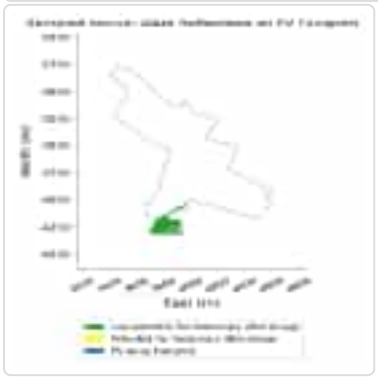
PV array is expected to produce the following glare for this receptor:

- 1,714 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





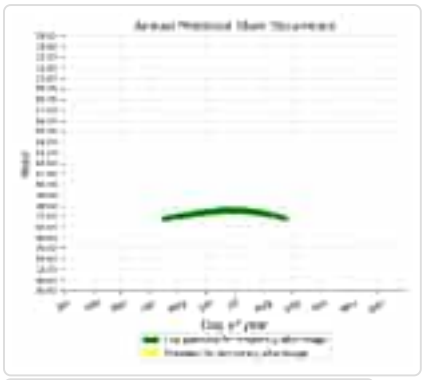


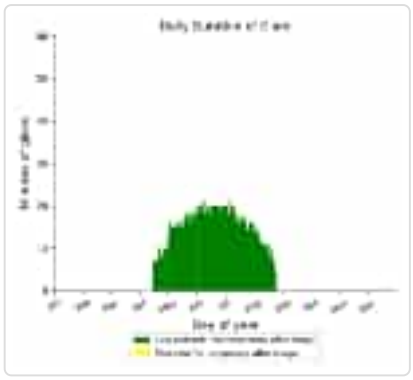


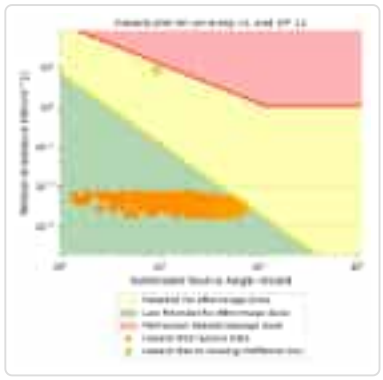
PV array 11: OP 12

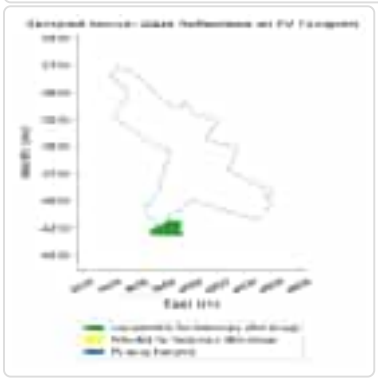
PV array is expected to produce the following glare for this receptor:

- 2,041 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





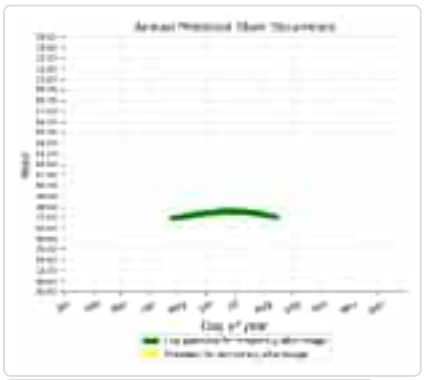


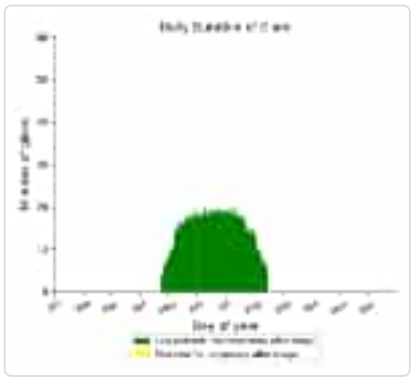


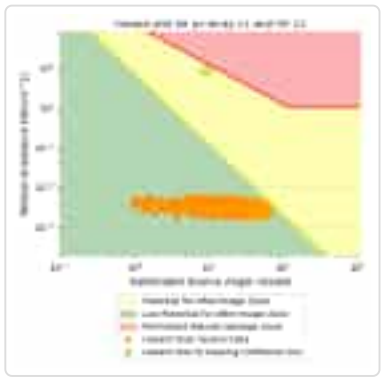
PV array 11: OP 13

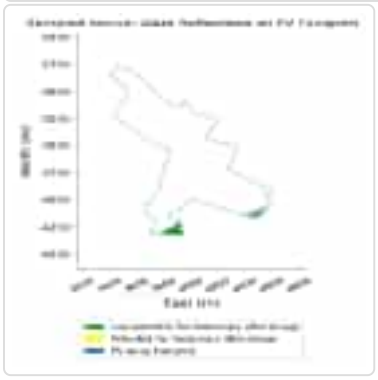
PV array is expected to produce the following glare for this receptor:

- 1,752 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





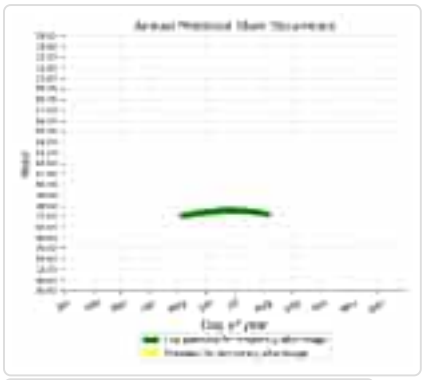


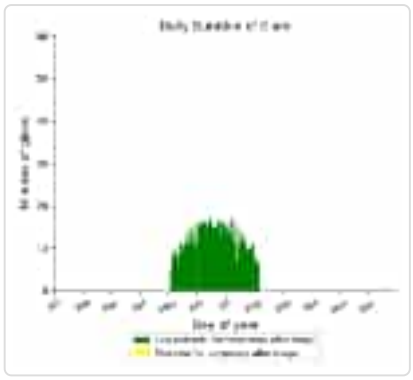


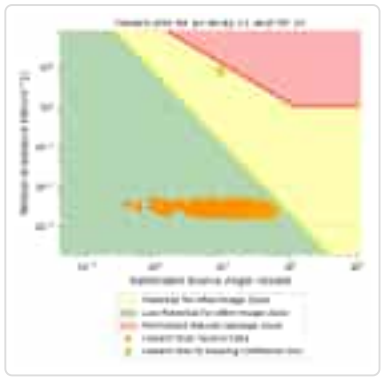
PV array 11: OP 14

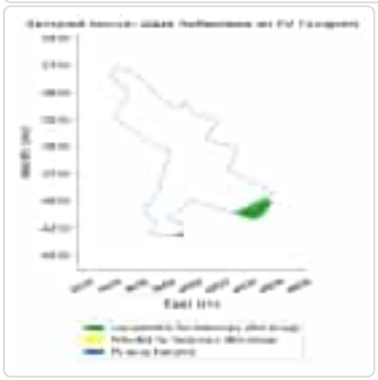
PV array is expected to produce the following glare for this receptor:

- 1,210 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





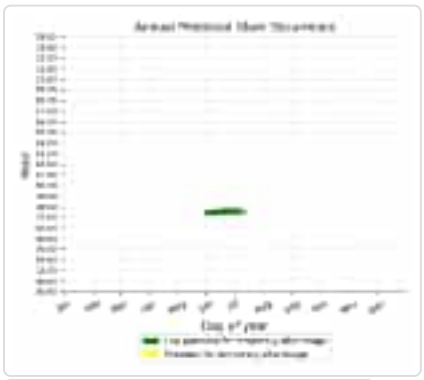


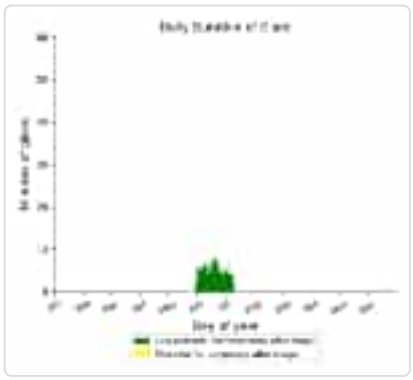


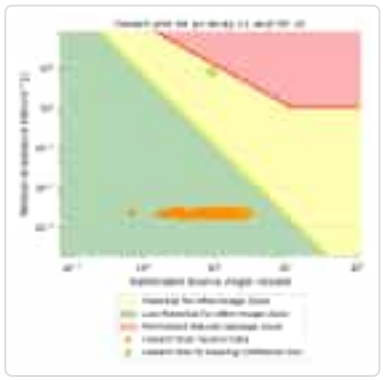
PV array 11: OP 15

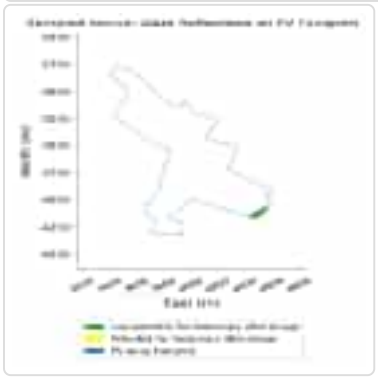
PV array is expected to produce the following glare for this receptor:

- 217 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 16

No glare found

PV array 11: OP 17

No glare found

PV array 11: OP 18

No glare found

PV array 11: OP 19

No glare found

PV array 11: OP 20

No glare found

PV array 11: OP 21

No glare found

PV array 11: OP 22

No glare found

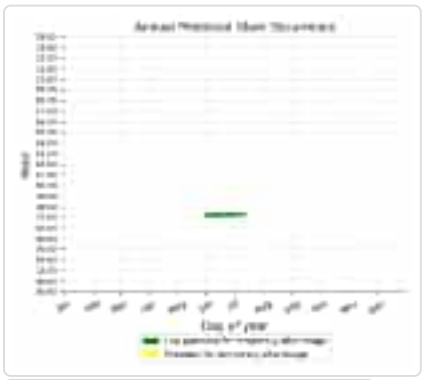
PV array 11: OP 23

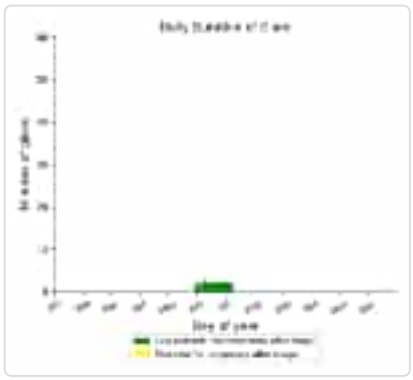
No glare found

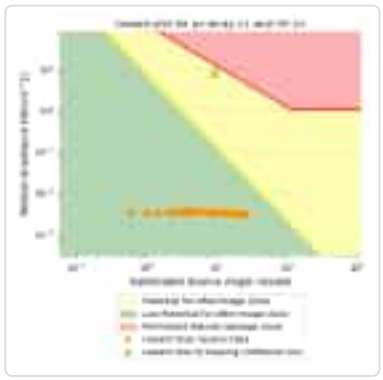
PV array 11: OP 24

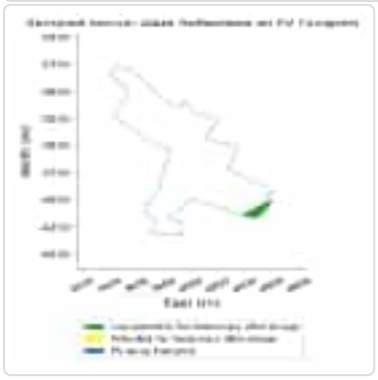
PV array is expected to produce the following glare for this receptor:

- 80 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





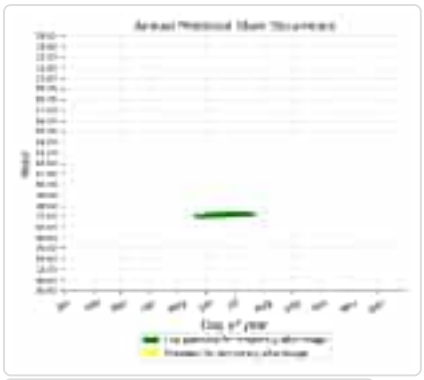


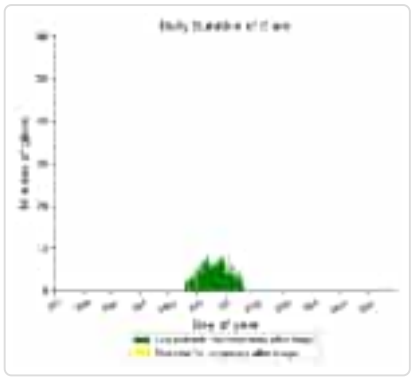


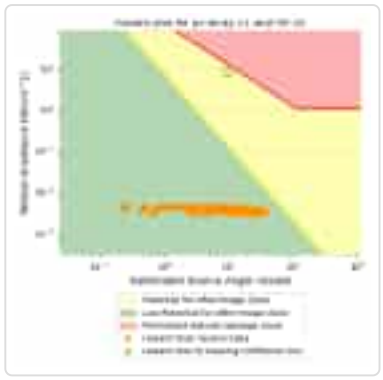
PV array 11: OP 25

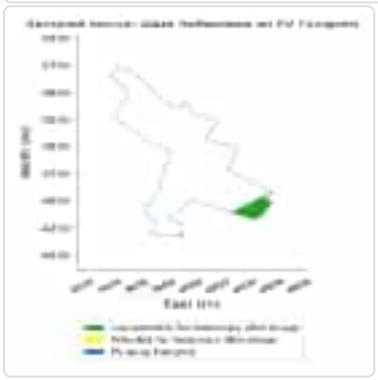
PV array is expected to produce the following glare for this receptor:

- 303 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





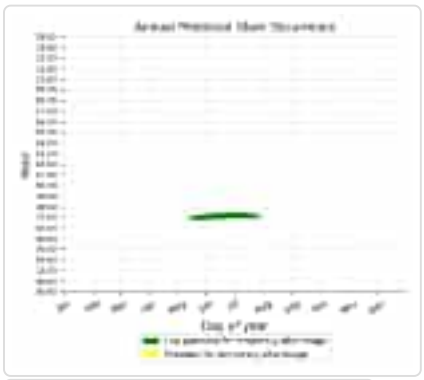


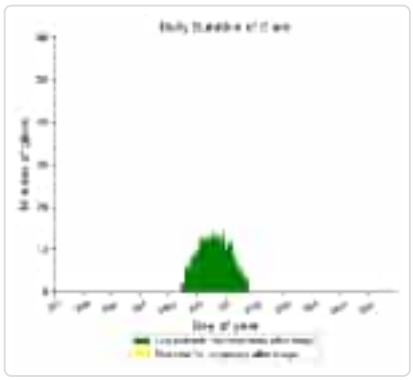


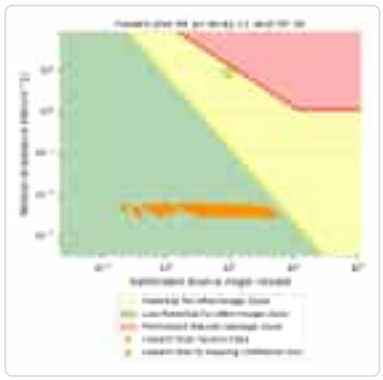
PV array 11: OP 26

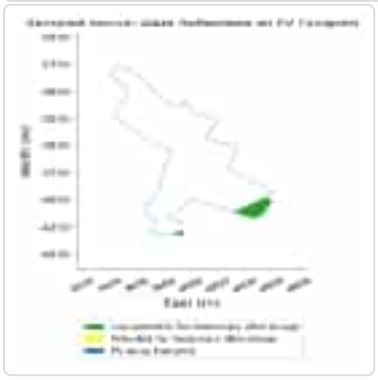
PV array is expected to produce the following glare for this receptor:

- 656 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





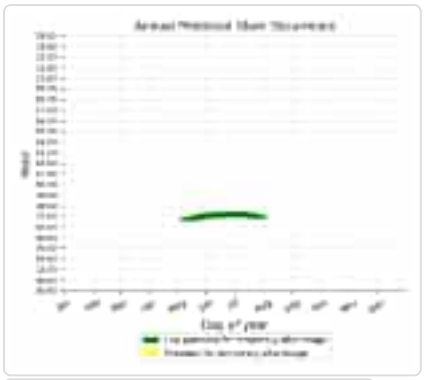


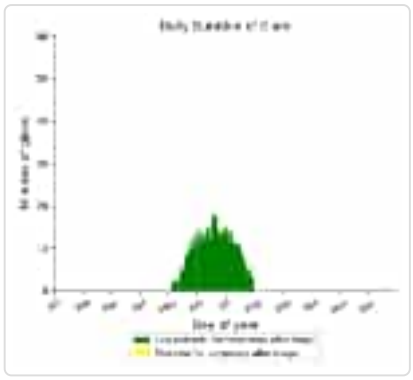


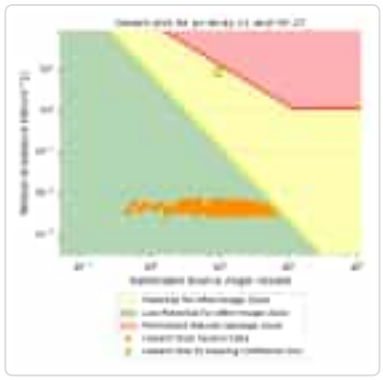
PV array 11: OP 27

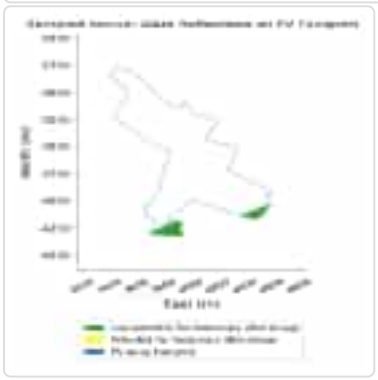
PV array is expected to produce the following glare for this receptor:

- 900 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





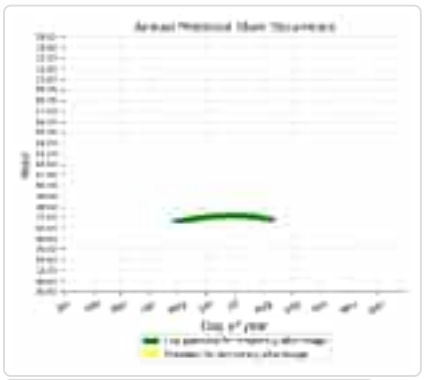


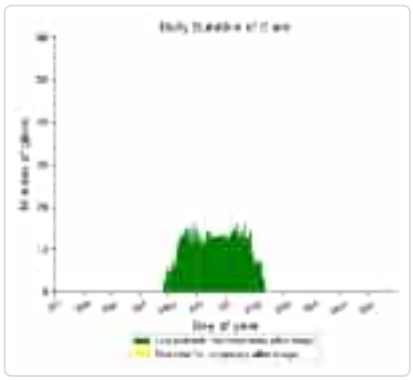


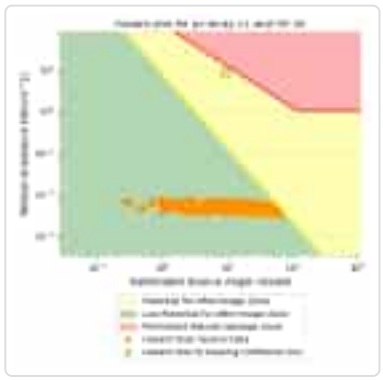
PV array 11: OP 28

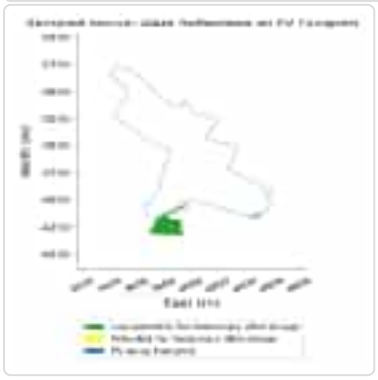
PV array is expected to produce the following glare for this receptor:

- 1,229 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





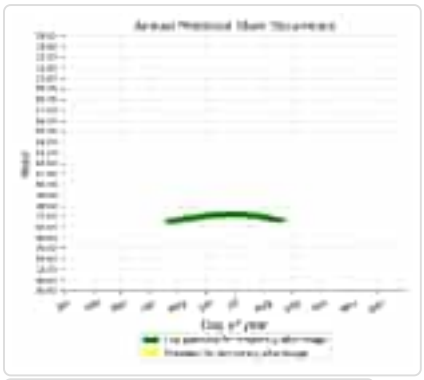


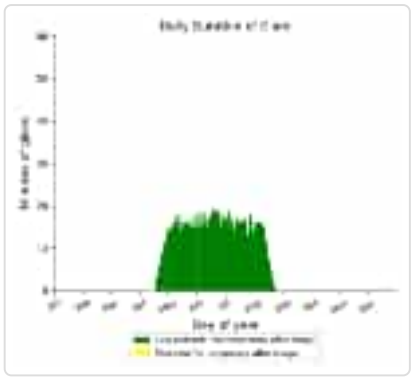


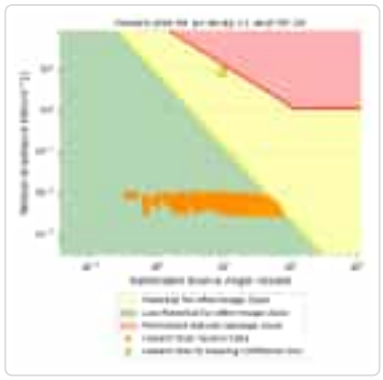
PV array 11: OP 29

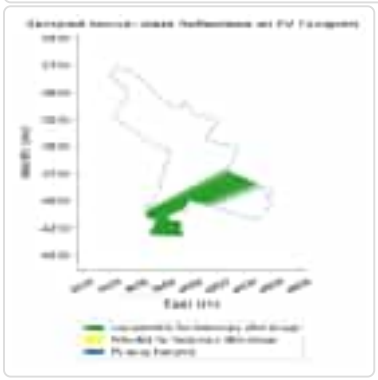
PV array is expected to produce the following glare for this receptor:

- 1,885 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





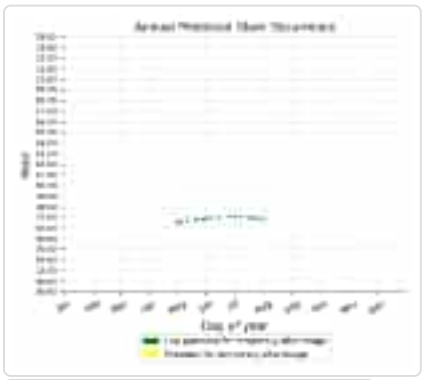


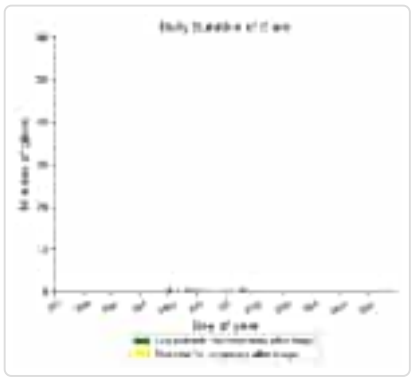


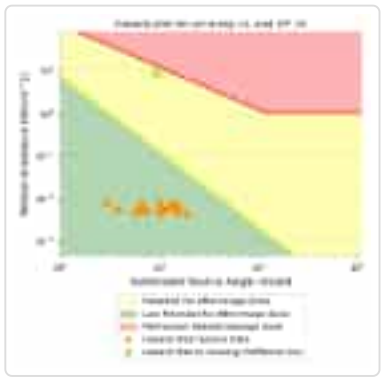
PV array 11: OP 30

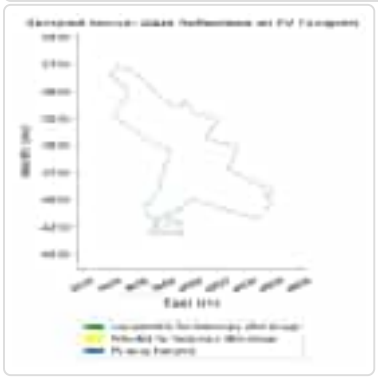
PV array is expected to produce the following glare for this receptor:

- 20 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









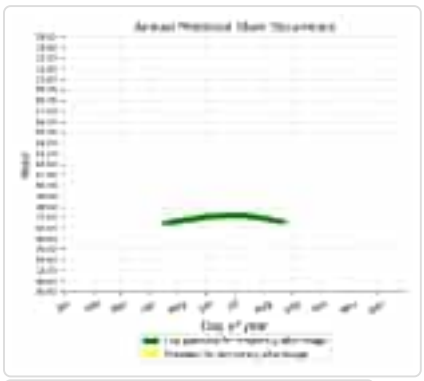
PV array 11: OP 31

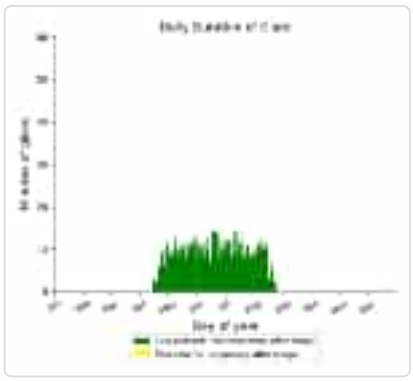
No glare found

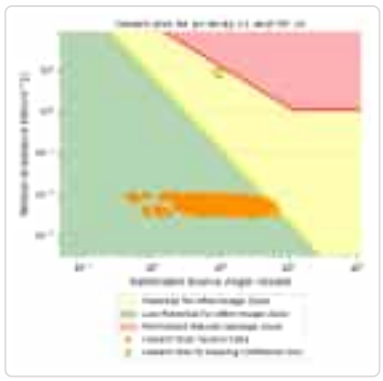
PV array 11: OP 32

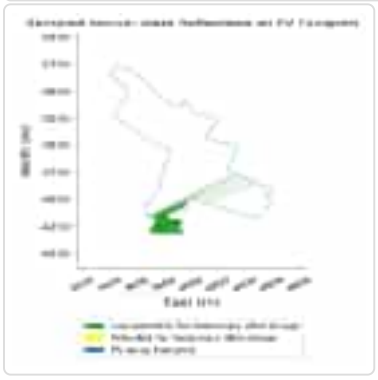
PV array is expected to produce the following glare for this receptor:

- 1,273 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









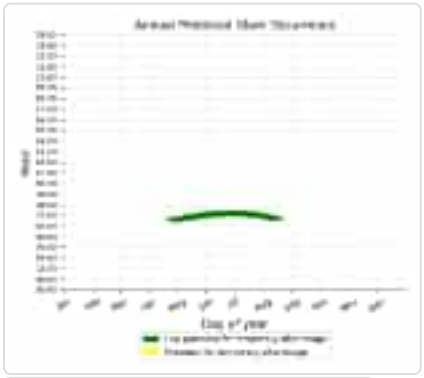
PV array 11: OP 33

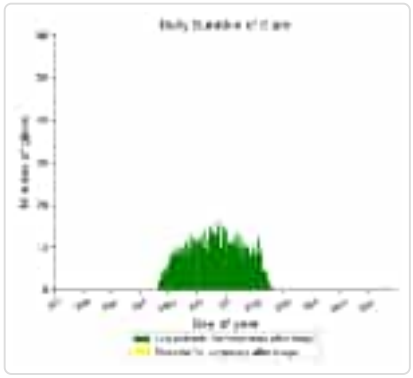
No glare found

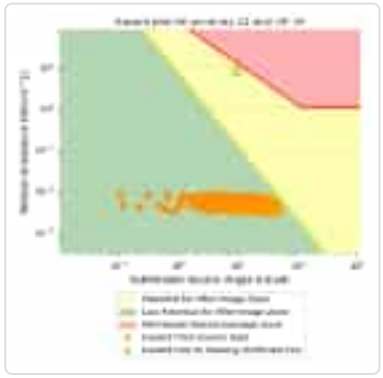
PV array 11: OP 34

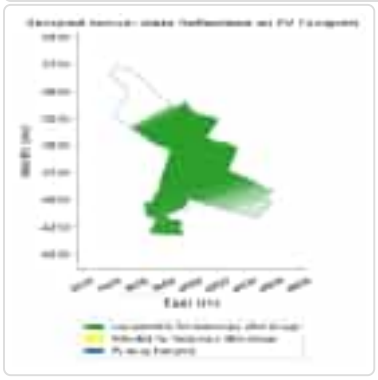
PV array is expected to produce the following glare for this receptor:

- 1,165 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





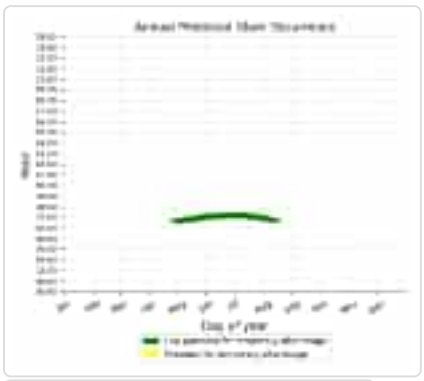


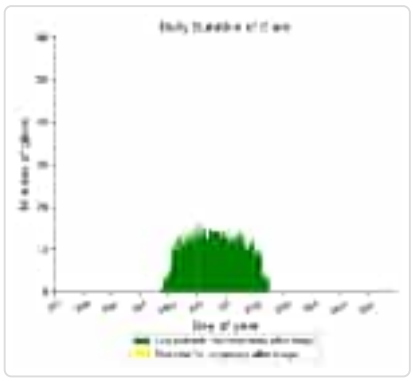


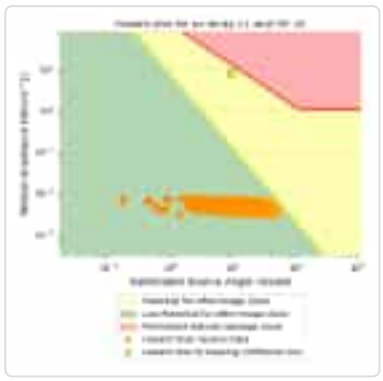
PV array 11: OP 35

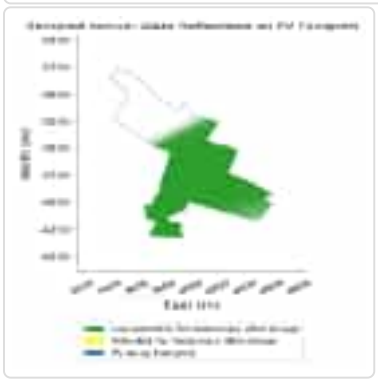
PV array is expected to produce the following glare for this receptor:

- 1,269 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





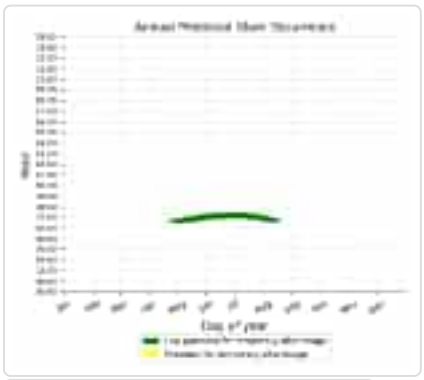


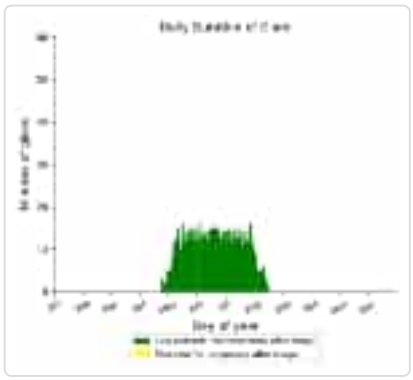


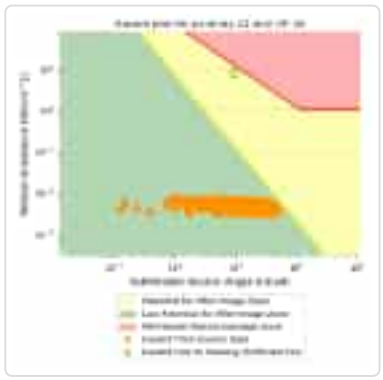
PV array 11: OP 36

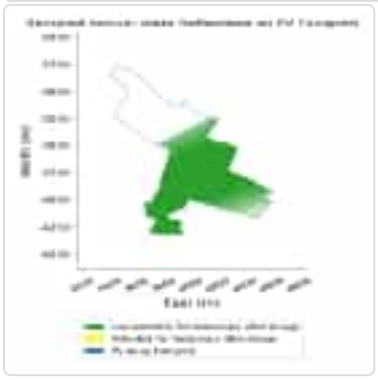
PV array is expected to produce the following glare for this receptor:

- 1,325 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





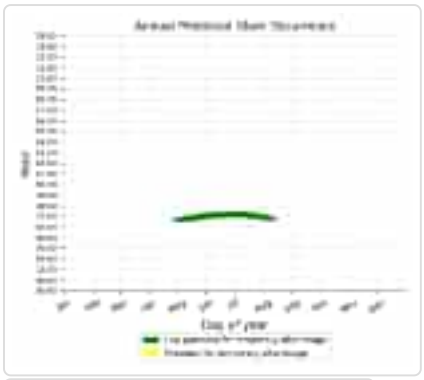


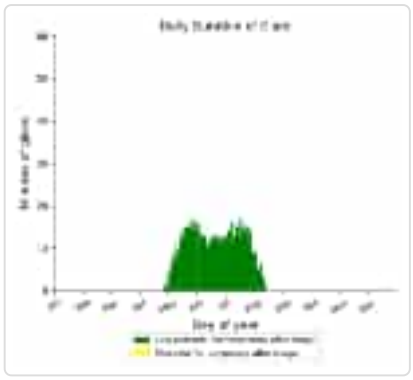


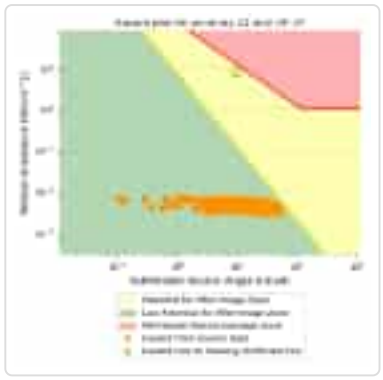
PV array 11: OP 37

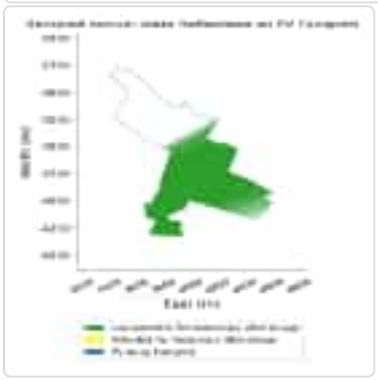
PV array is expected to produce the following glare for this receptor:

- 1,259 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





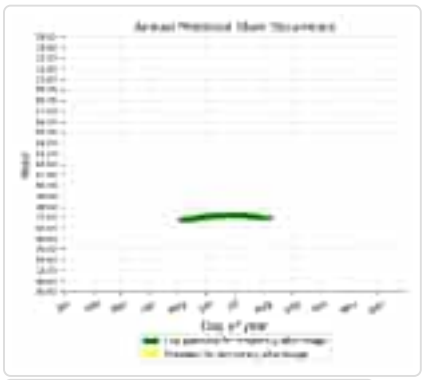


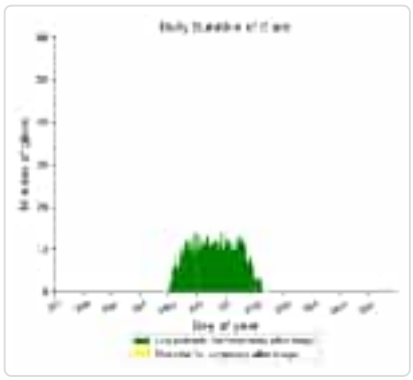


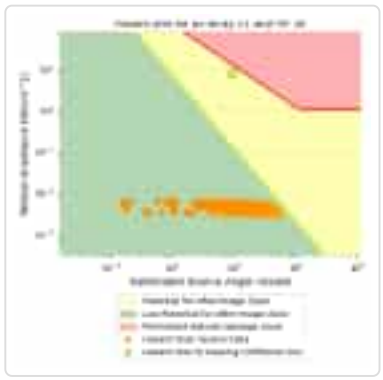
PV array 11: OP 38

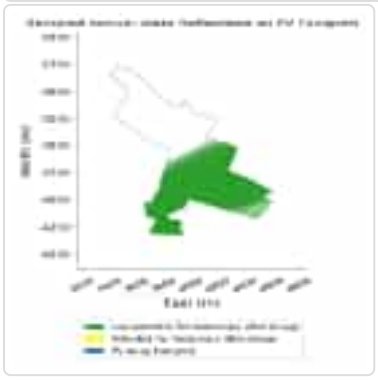
PV array is expected to produce the following glare for this receptor:

- 951 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





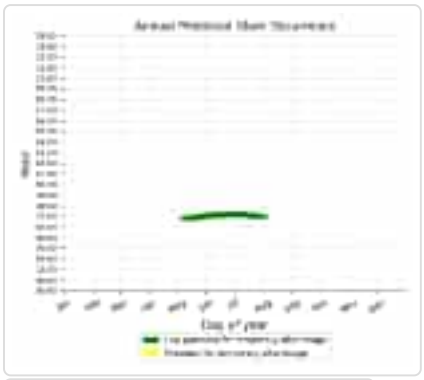


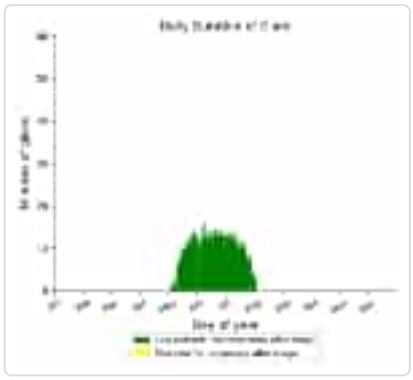


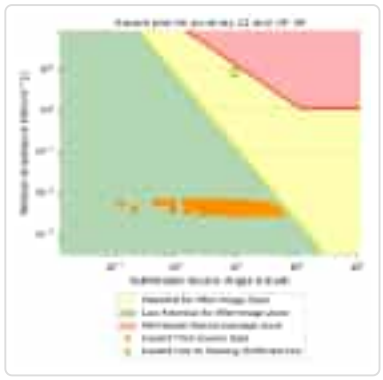
PV array 11: OP 39

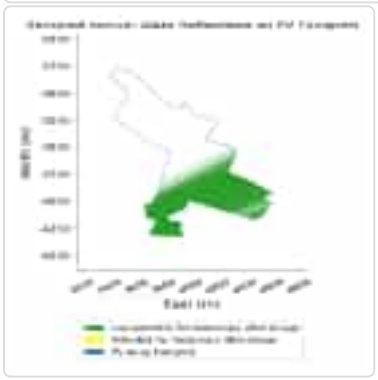
PV array is expected to produce the following glare for this receptor:

- 966 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





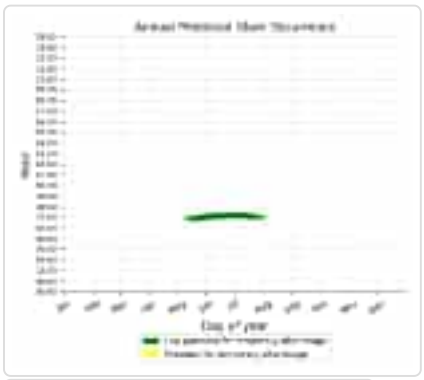


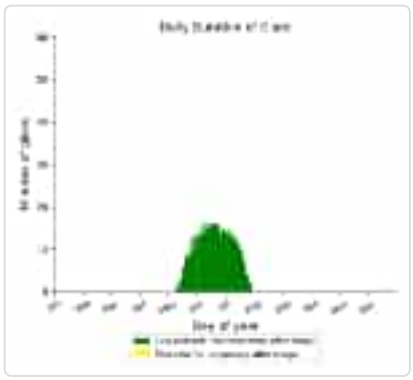


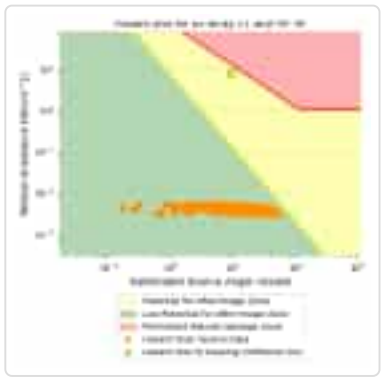
PV array 11: OP 40

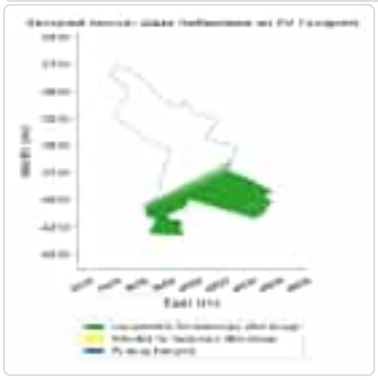
PV array is expected to produce the following glare for this receptor:

- 891 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





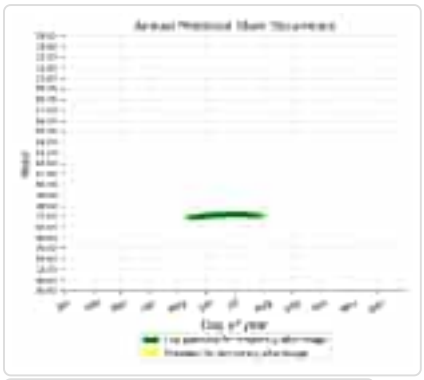


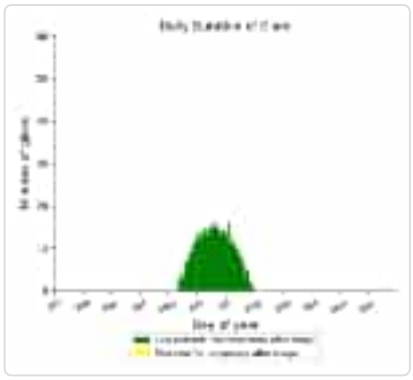


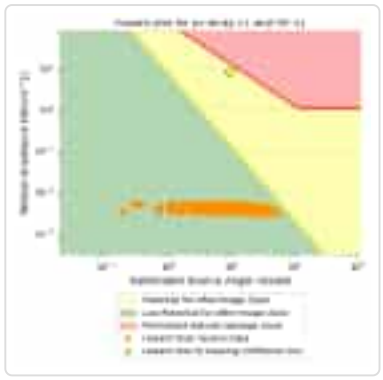
PV array 11: OP 41

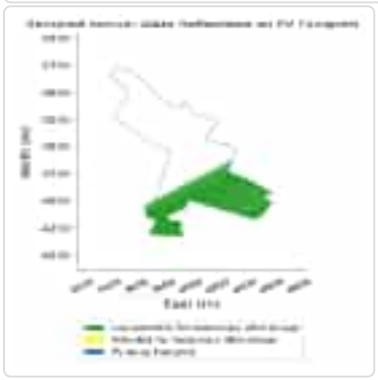
PV array is expected to produce the following glare for this receptor:

- 829 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





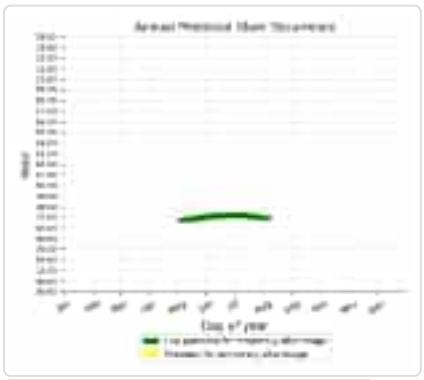


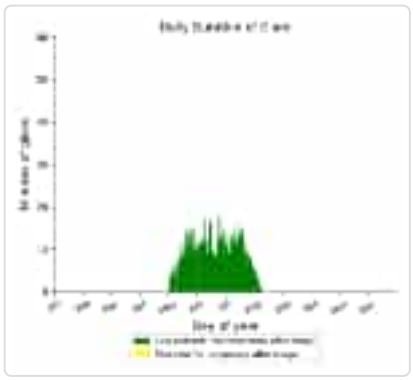


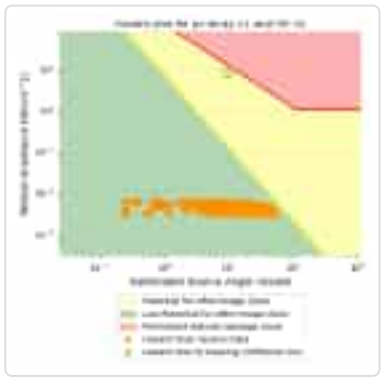
PV array 11: OP 42

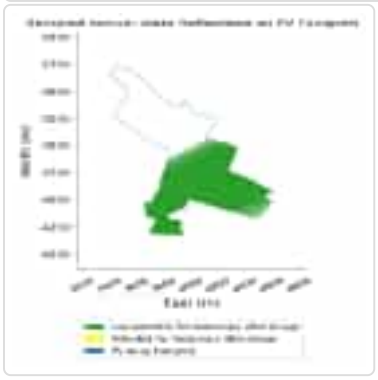
PV array is expected to produce the following glare for this receptor:

- 1,005 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





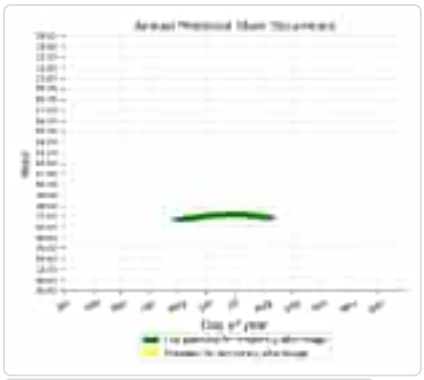


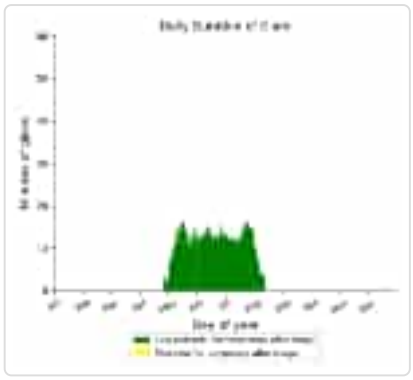


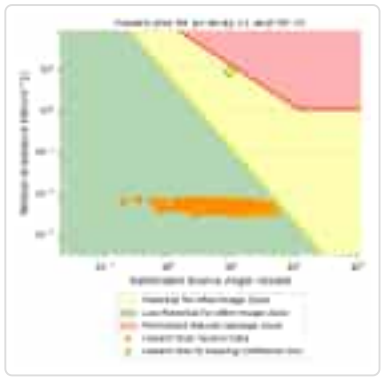
PV array 11: OP 43

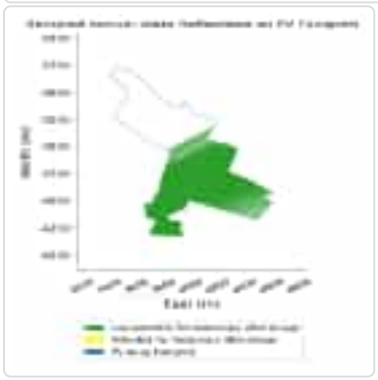
PV array is expected to produce the following glare for this receptor:

- 1,283 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12 potential temporary after-image

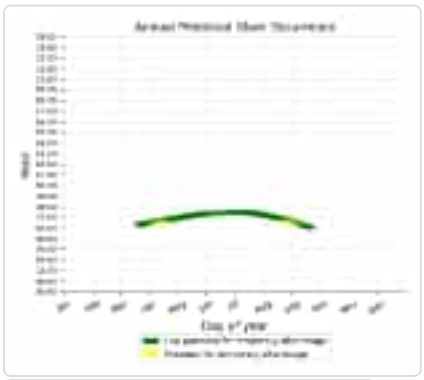
Component	Green glare (min)	Yellow glare (min)

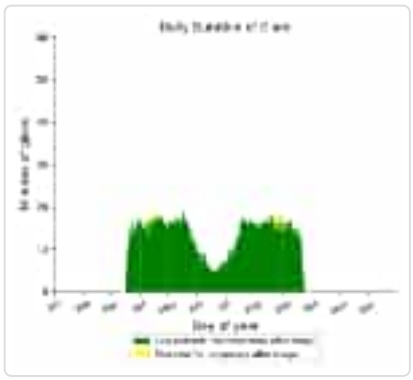
OP: OP 1	2597	45
OP: OP 2	743	0
OP: OP 3	633	0
OP: OP 4	703	0
OP: OP 5	181	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	809	0
OP: OP 10	990	0
OP: OP 11	1178	0
OP: OP 12	1253	0
OP: OP 13	1477	0
OP: OP 14	1742	0
OP: OP 15	1780	0
OP: OP 16	1828	0
OP: OP 17	1525	0
OP: OP 18	1462	0
OP: OP 19	1623	0
OP: OP 20	1823	0
OP: OP 21	1514	0
OP: OP 22	1382	0
OP: OP 23	1241	0
OP: OP 24	1237	0
OP: OP 25	1089	0
OP: OP 26	1003	0
OP: OP 27	981	0
OP: OP 28	938	0
OP: OP 29	1123	0
OP: OP 30	1062	0
OP: OP 31	1089	0
OP: OP 32	1193	0
OP: OP 33	467	0
OP: OP 34	549	0
OP: OP 35	608	0
OP: OP 36	611	0
OP: OP 37	646	0
OP: OP 38	747	0
OP: OP 39	790	0
OP: OP 40	669	0
OP: OP 41	723	0
OP: OP 42	670	0
OP: OP 43	632	0

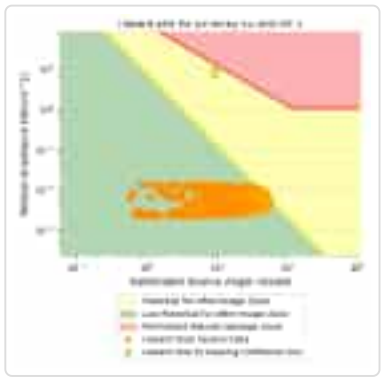
PV array 12: OP 1

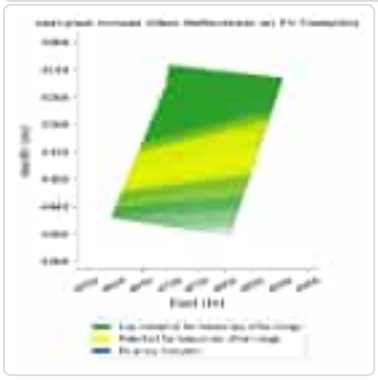
PV array is expected to produce the following glare for this receptor:

- 2,597 minutes of "green" glare with low potential to cause temporary after-image.
- 45 minutes of "yellow" glare with potential to cause temporary after-image.





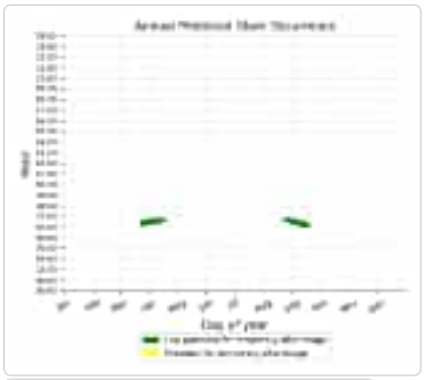


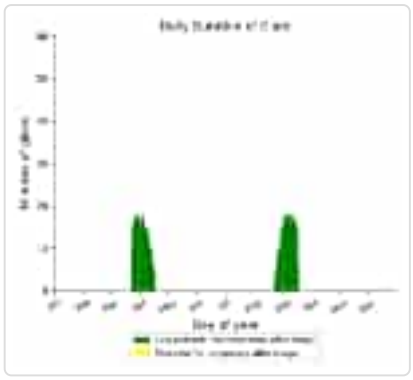


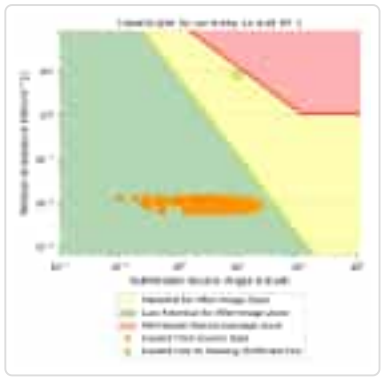
PV array 12: OP 2

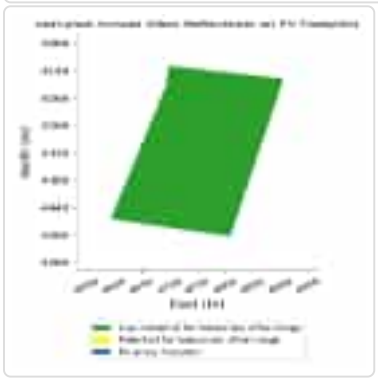
PV array is expected to produce the following glare for this receptor:

- 743 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





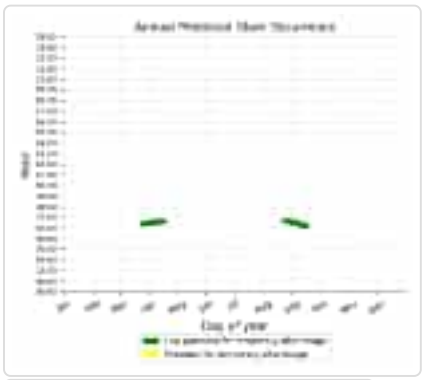


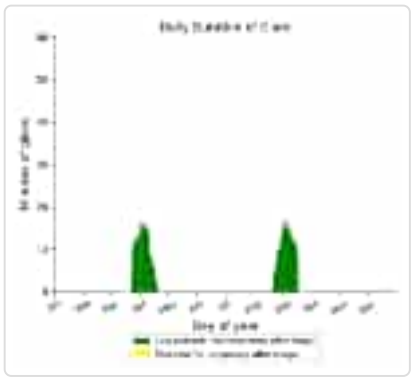


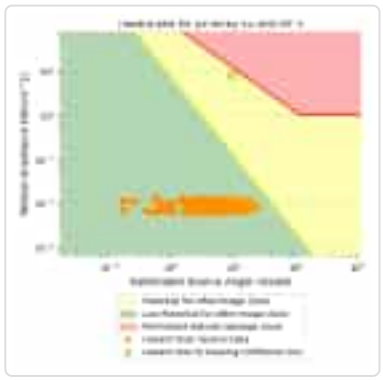
PV array 12: OP 3

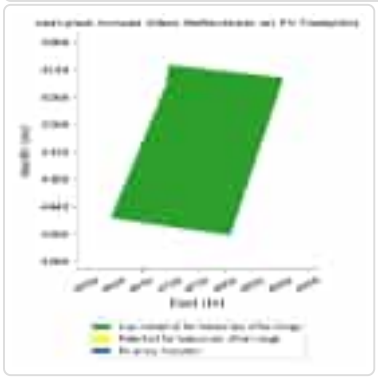
PV array is expected to produce the following glare for this receptor:

- 633 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





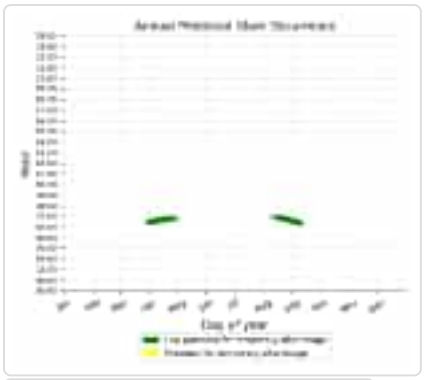


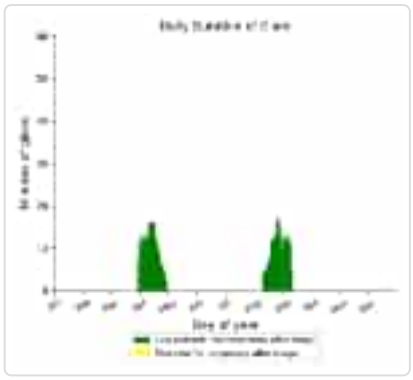


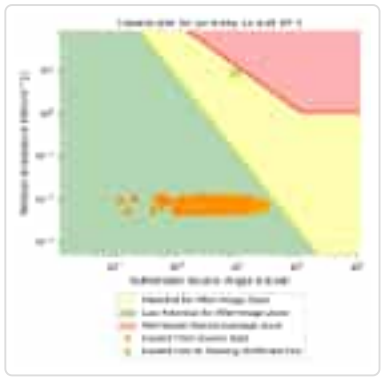
PV array 12: OP 4

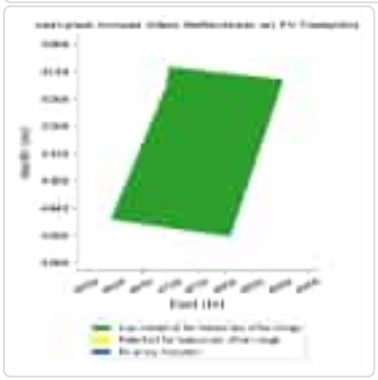
PV array is expected to produce the following glare for this receptor:

- 703 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





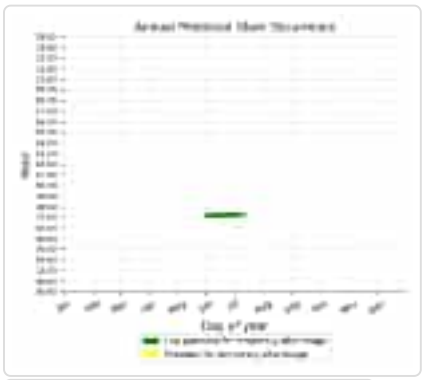


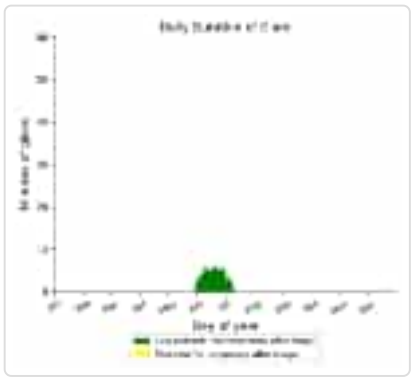


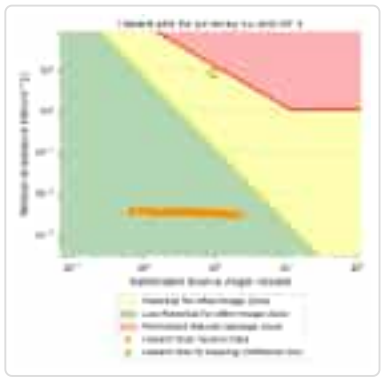
PV array 12: OP 5

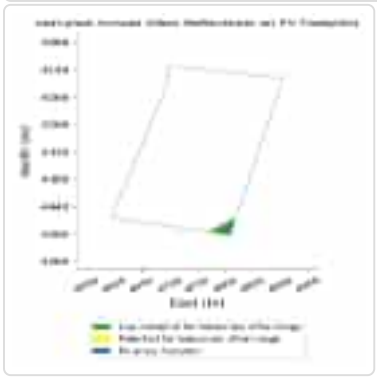
PV array is expected to produce the following glare for this receptor:

- 181 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12: OP 6

No glare found

PV array 12: OP 7

No glare found

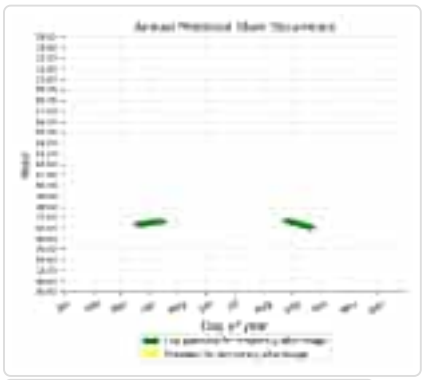
PV array 12: OP 8

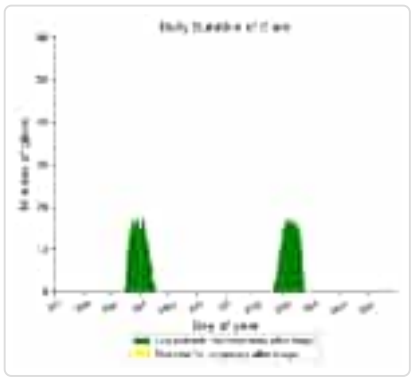
No glare found

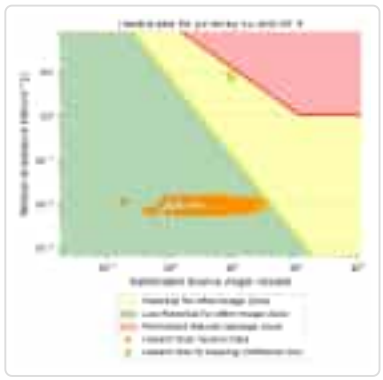
PV array 12: OP 9

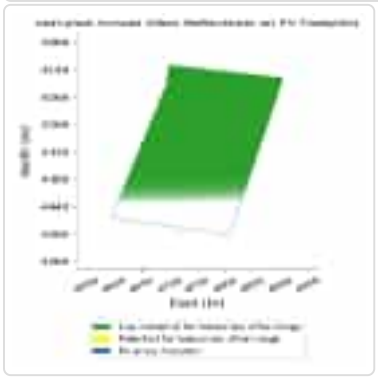
PV array is expected to produce the following glare for this receptor:

- 809 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





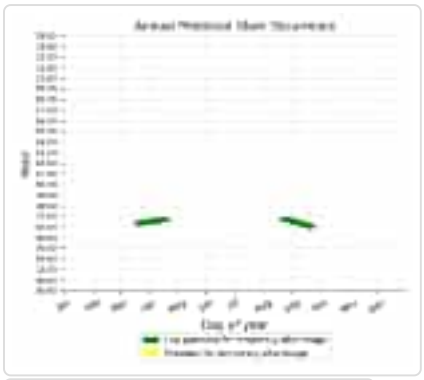


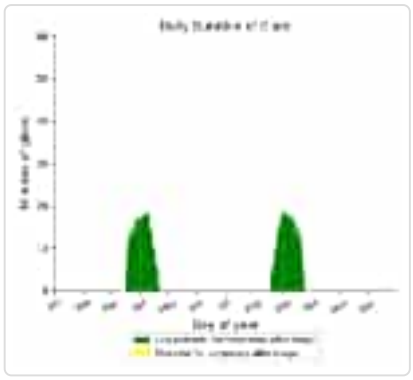


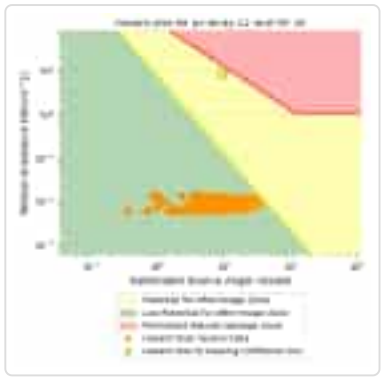
PV array 12: OP 10

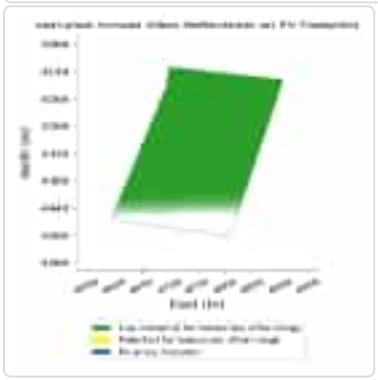
PV array is expected to produce the following glare for this receptor:

- 990 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





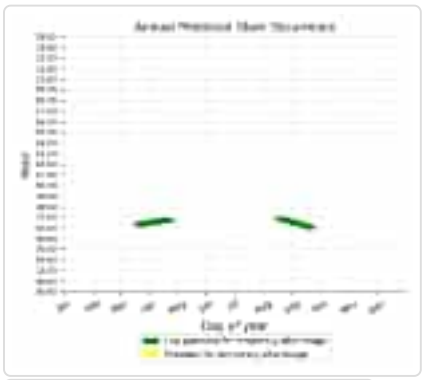


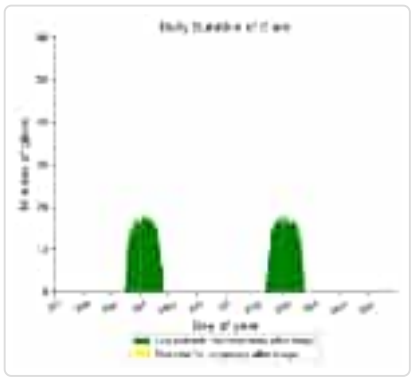


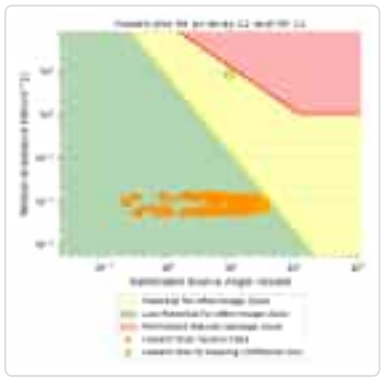
PV array 12: OP 11

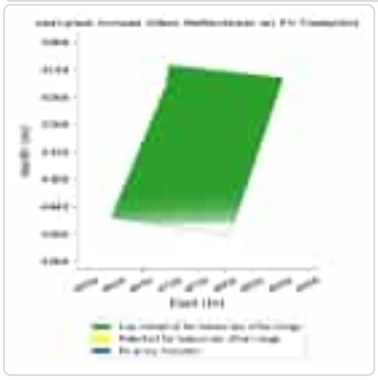
PV array is expected to produce the following glare for this receptor:

- 1,178 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





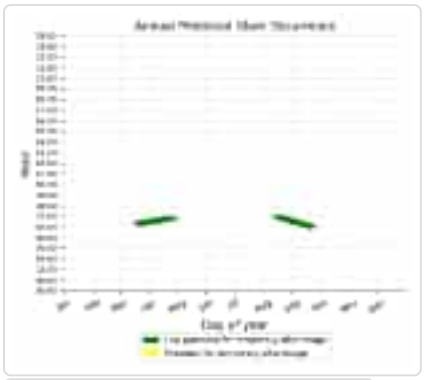


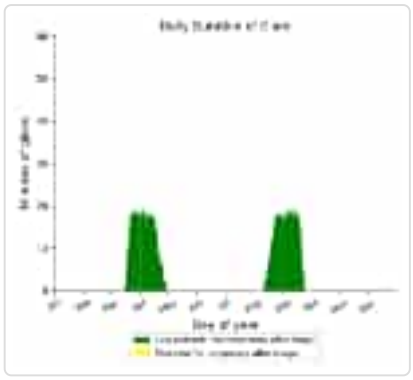


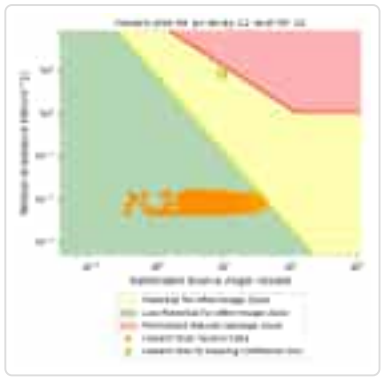
PV array 12: OP 12

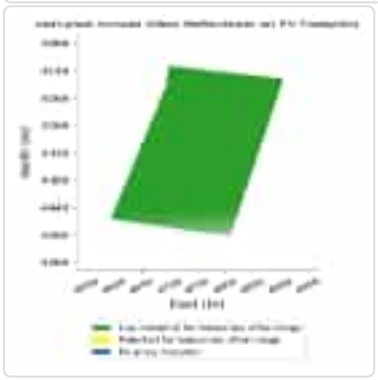
PV array is expected to produce the following glare for this receptor:

- 1,253 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





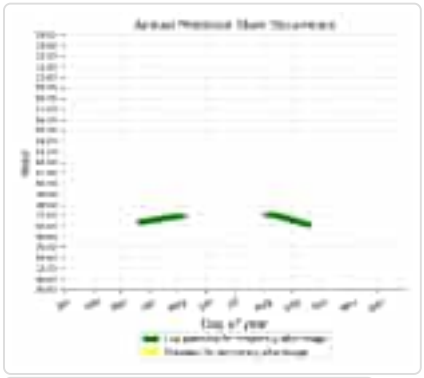


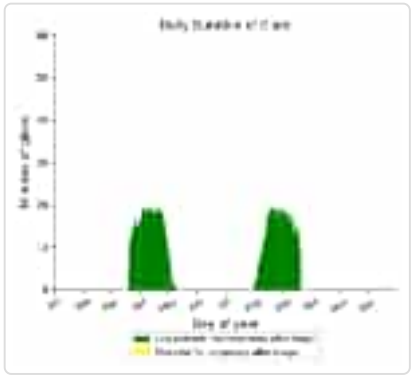


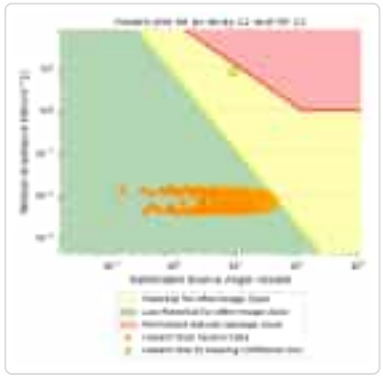
PV array 12: OP 13

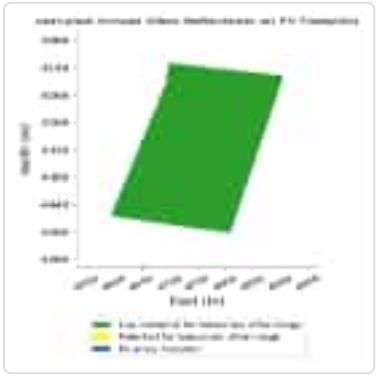
PV array is expected to produce the following glare for this receptor:

- 1,477 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





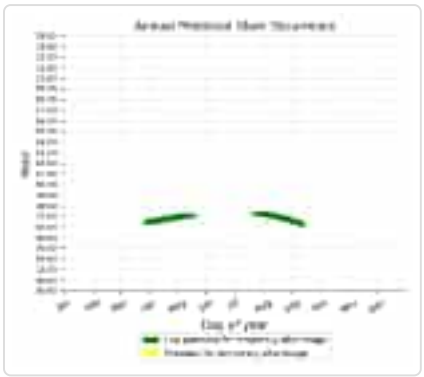


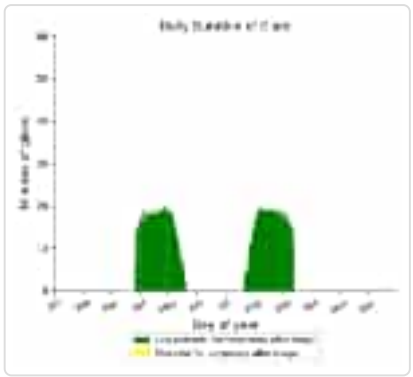


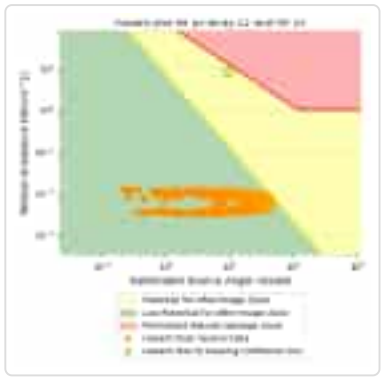
PV array 12: OP 14

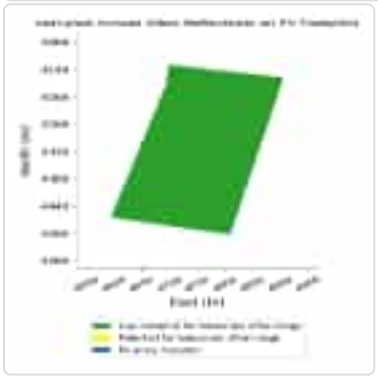
PV array is expected to produce the following glare for this receptor:

- 1,742 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





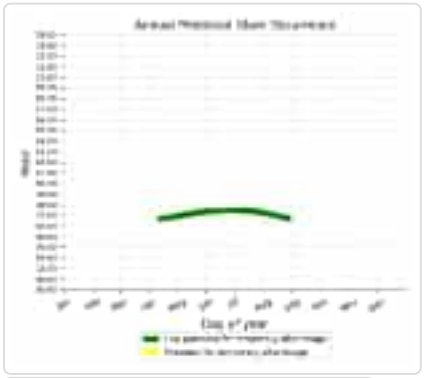


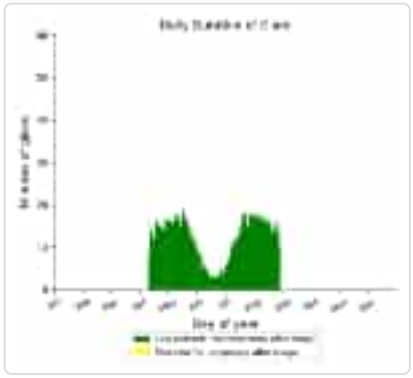


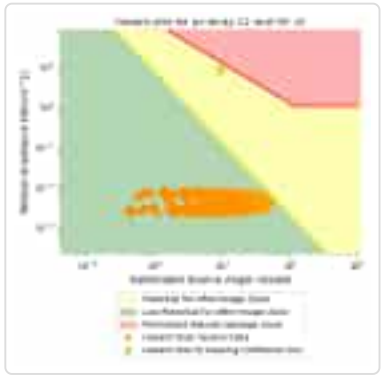
PV array 12: OP 15

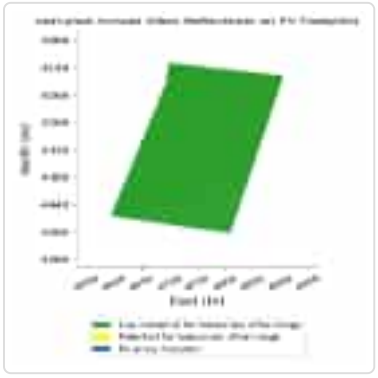
PV array is expected to produce the following glare for this receptor:

- 1,780 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





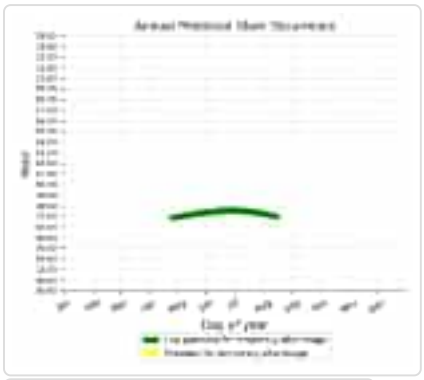


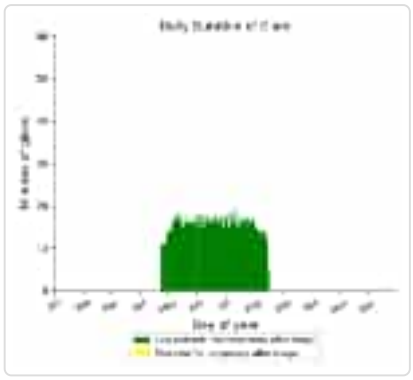


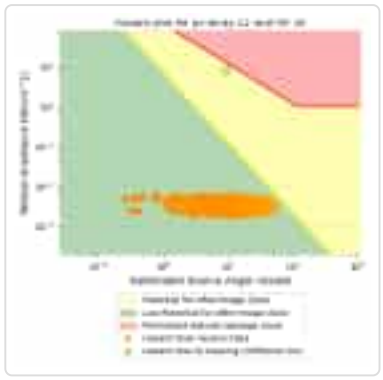
PV array 12: OP 16

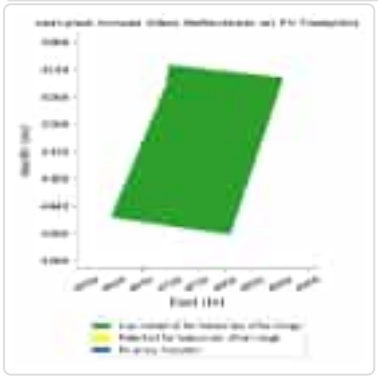
PV array is expected to produce the following glare for this receptor:

- 1,828 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





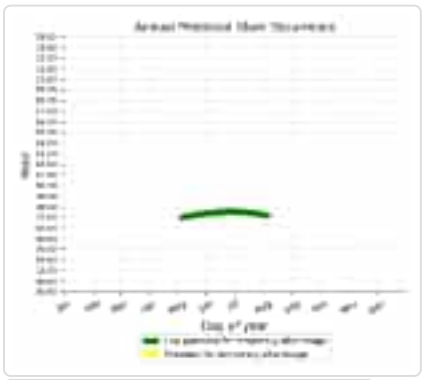


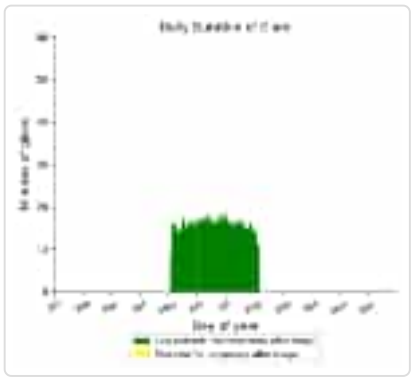


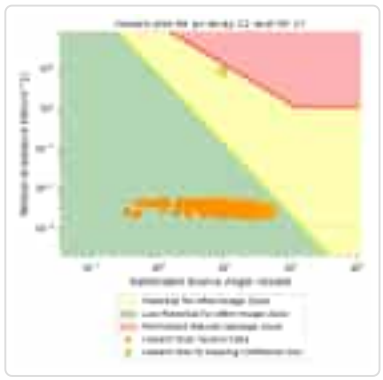
PV array 12: OP 17

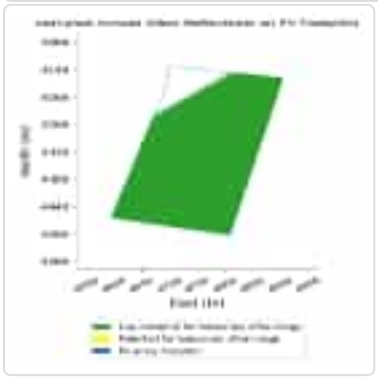
PV array is expected to produce the following glare for this receptor:

- 1,525 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





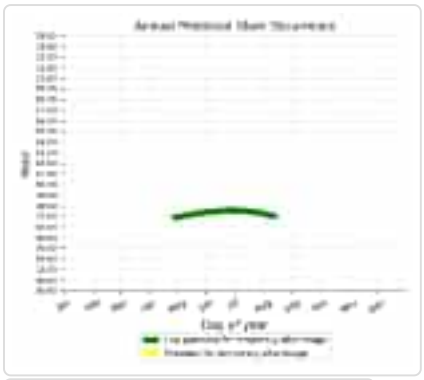


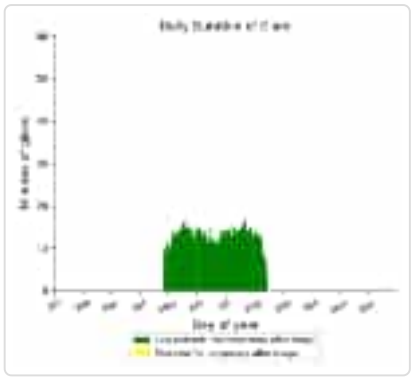


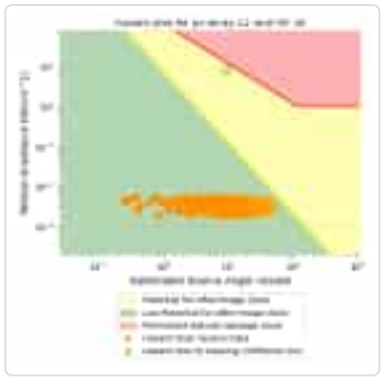
PV array 12: OP 18

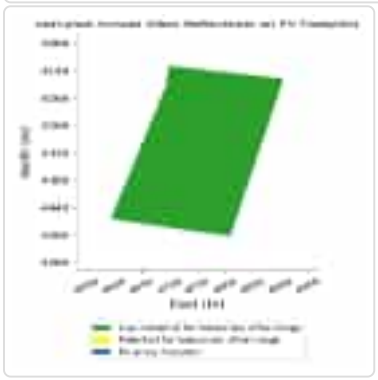
PV array is expected to produce the following glare for this receptor:

- 1,462 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





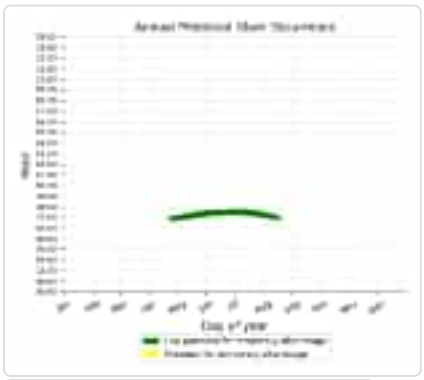


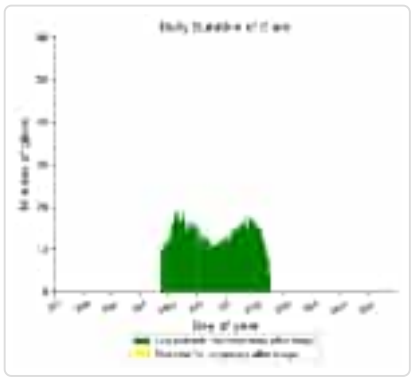


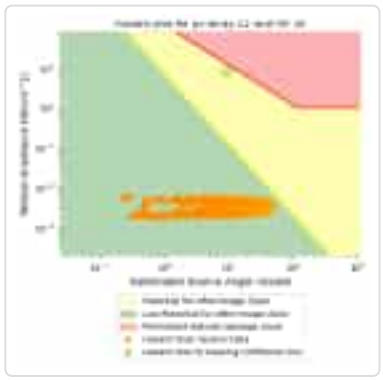
PV array 12: OP 19

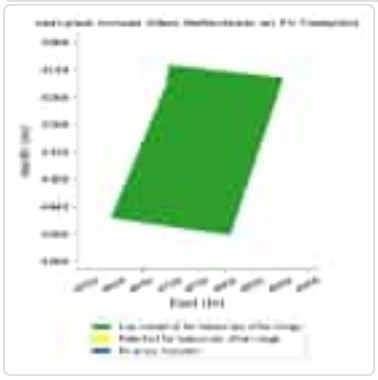
PV array is expected to produce the following glare for this receptor:

- 1,623 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





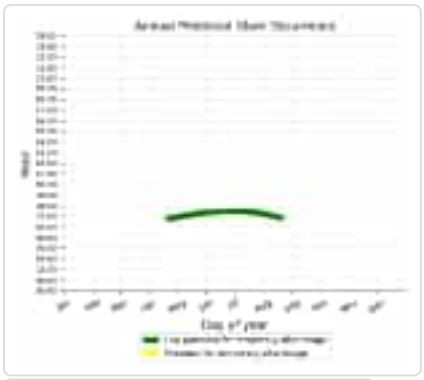


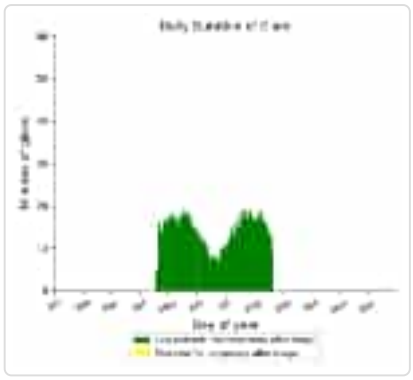


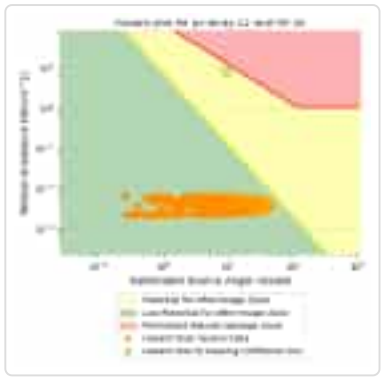
PV array 12: OP 20

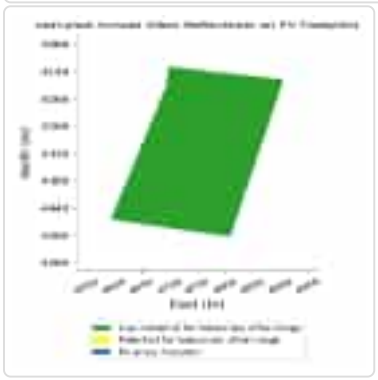
PV array is expected to produce the following glare for this receptor:

- 1,823 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





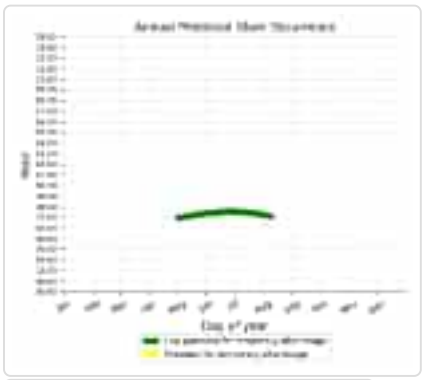


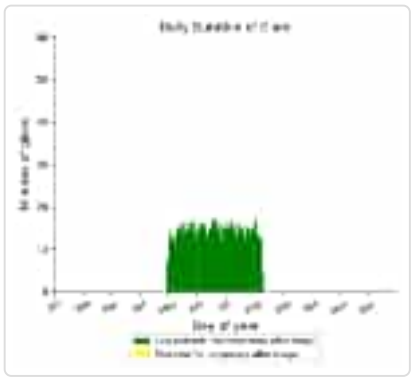


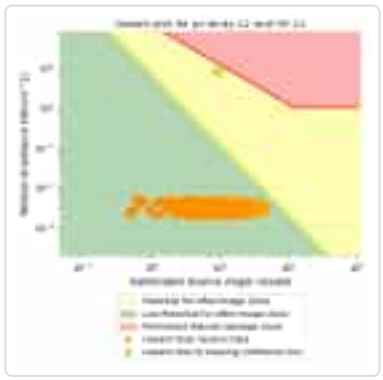
PV array 12: OP 21

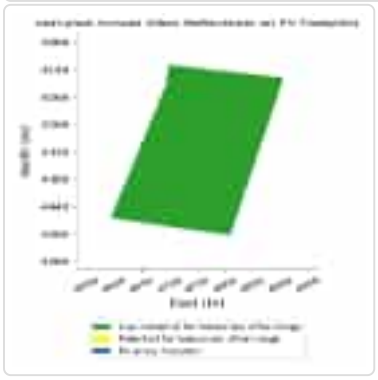
PV array is expected to produce the following glare for this receptor:

- 1,514 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





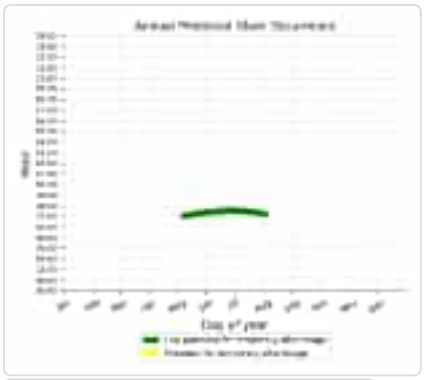


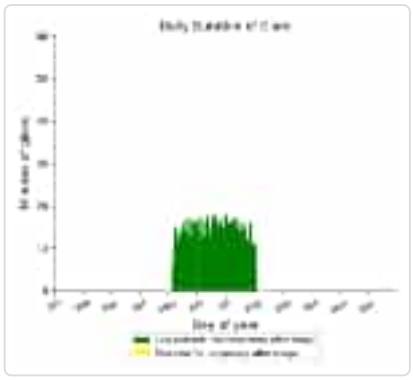


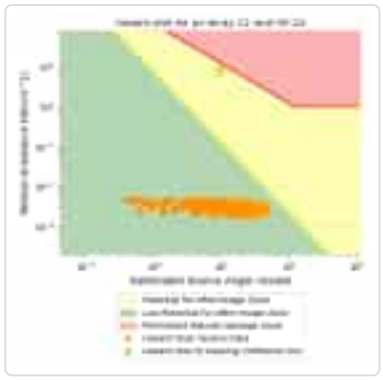
PV array 12: OP 22

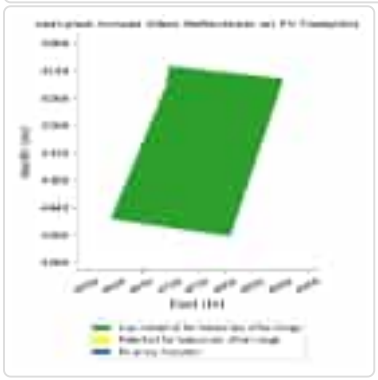
PV array is expected to produce the following glare for this receptor:

- 1,382 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





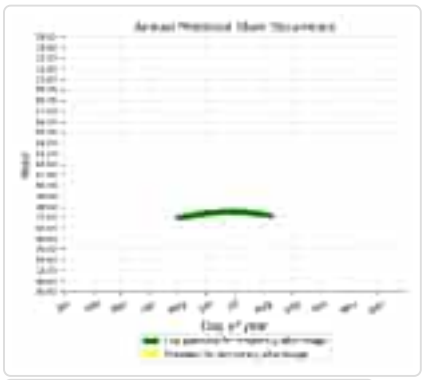


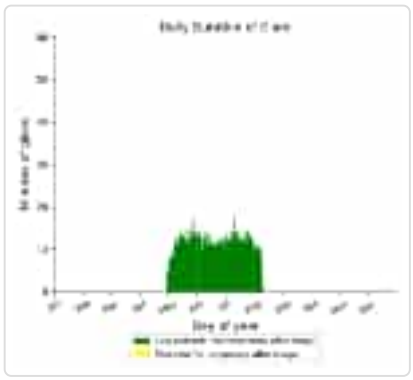


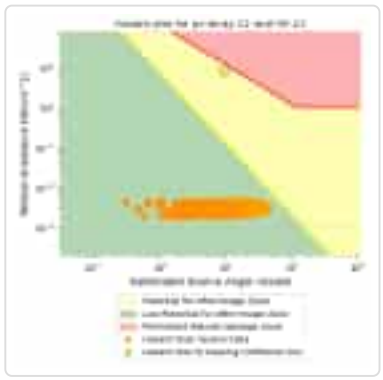
PV array 12: OP 23

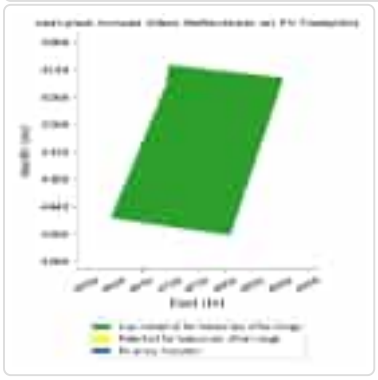
PV array is expected to produce the following glare for this receptor:

- 1,241 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





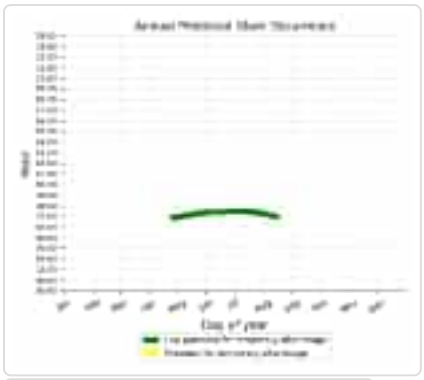


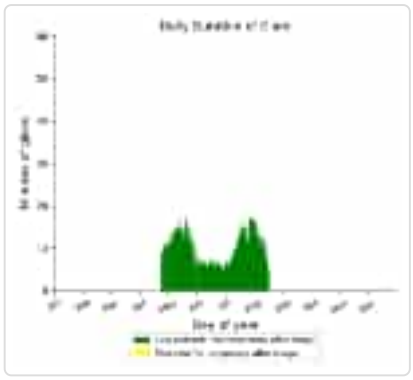


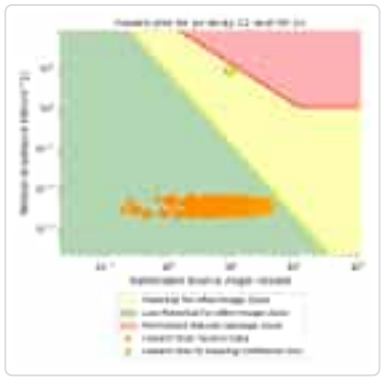
PV array 12: OP 24

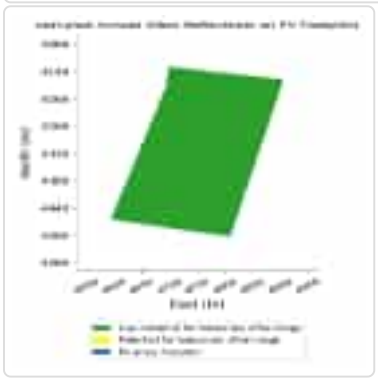
PV array is expected to produce the following glare for this receptor:

- 1,237 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





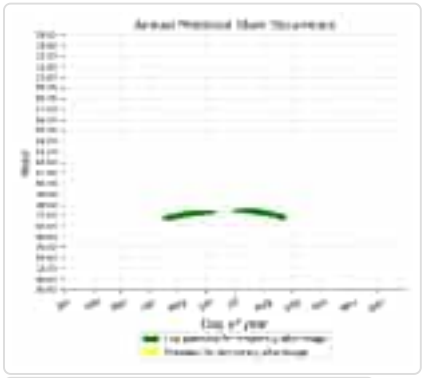


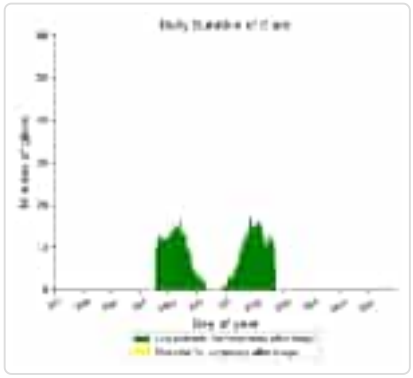


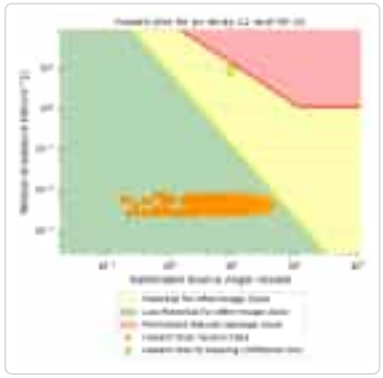
PV array 12: OP 25

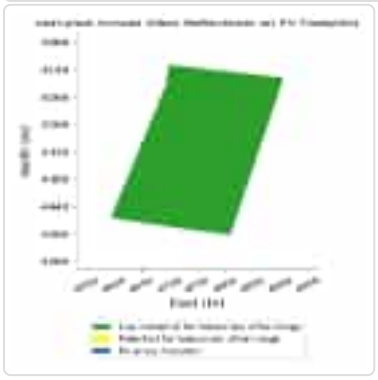
PV array is expected to produce the following glare for this receptor:

- 1,089 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





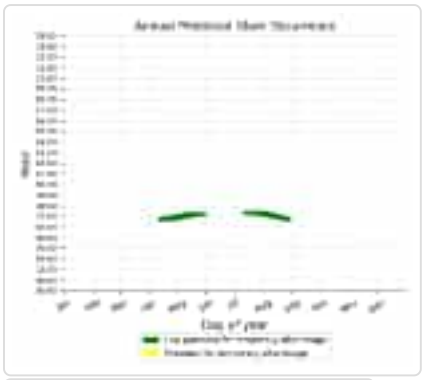


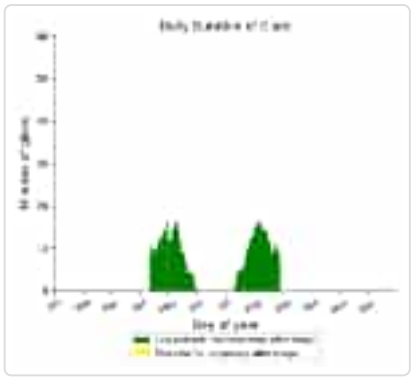


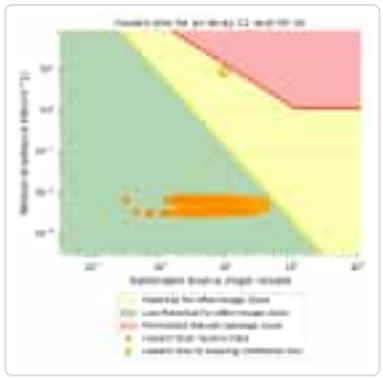
PV array 12: OP 26

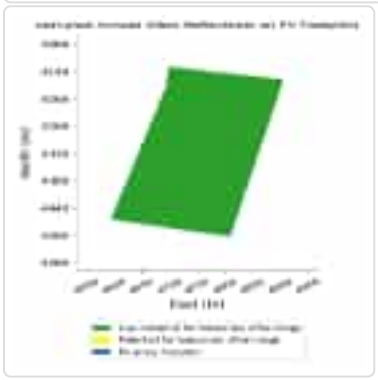
PV array is expected to produce the following glare for this receptor:

- 1,003 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





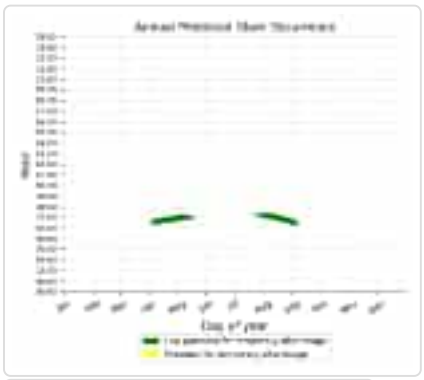


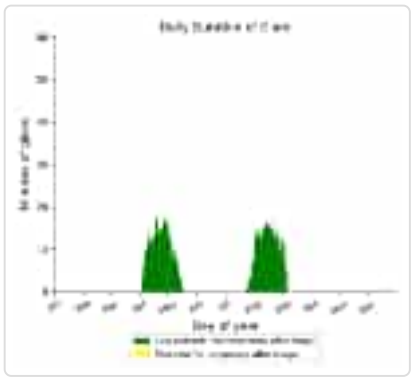


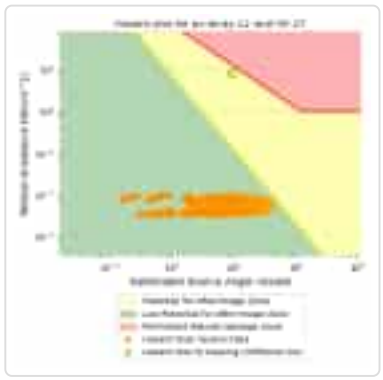
PV array 12: OP 27

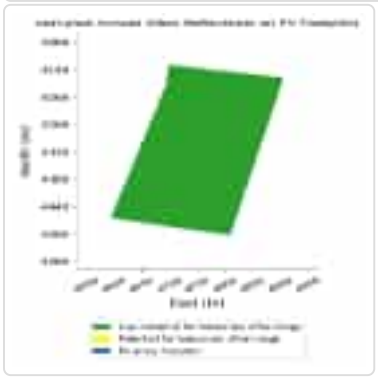
PV array is expected to produce the following glare for this receptor:

- 981 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





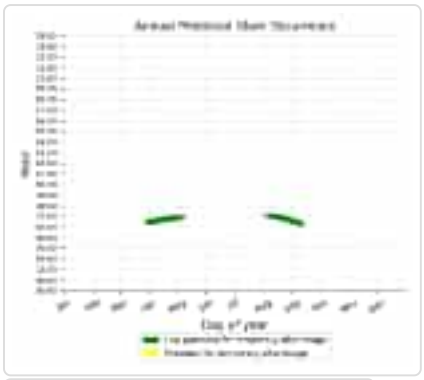


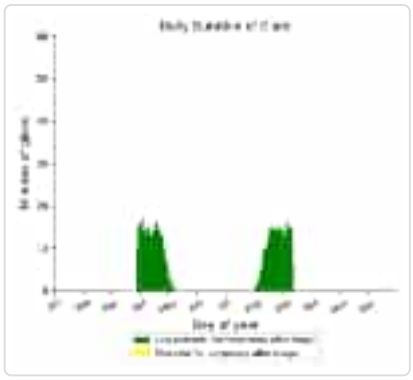


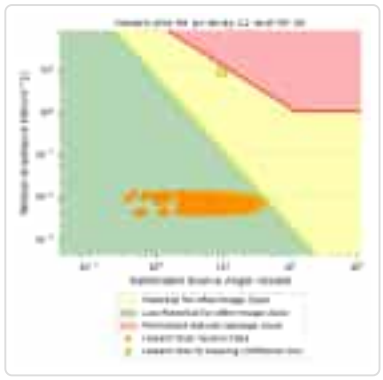
PV array 12: OP 28

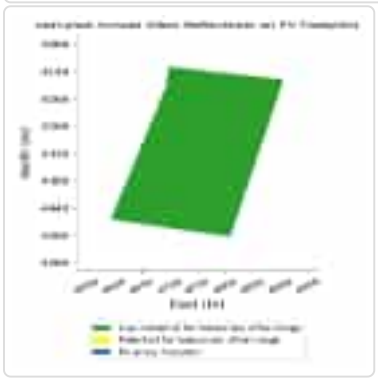
PV array is expected to produce the following glare for this receptor:

- 938 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





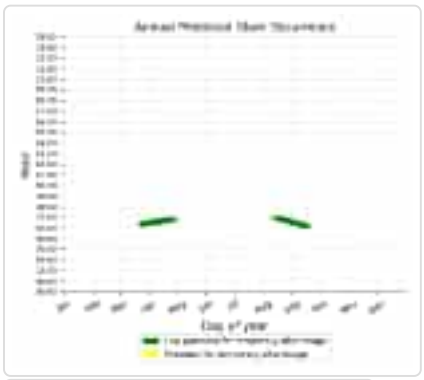


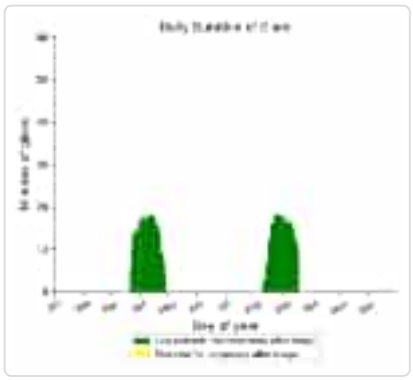


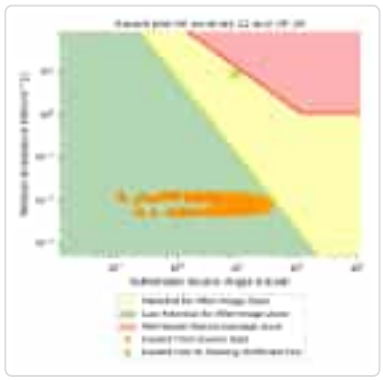
PV array 12: OP 29

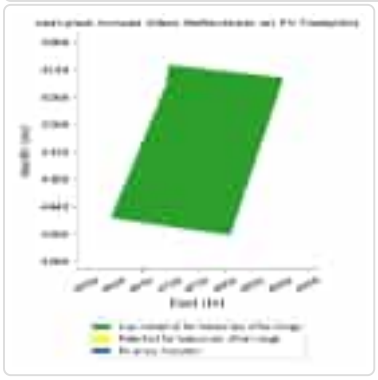
PV array is expected to produce the following glare for this receptor:

- 1,123 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





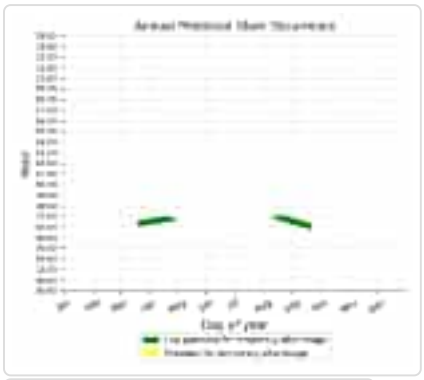


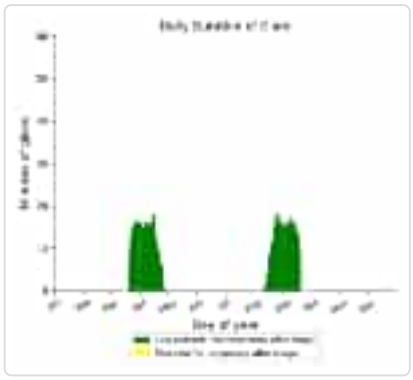


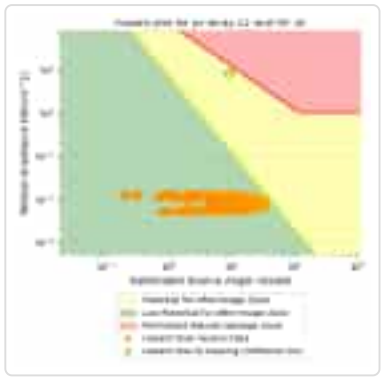
PV array 12: OP 30

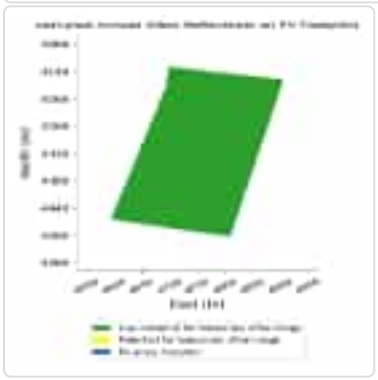
PV array is expected to produce the following glare for this receptor:

- 1,062 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





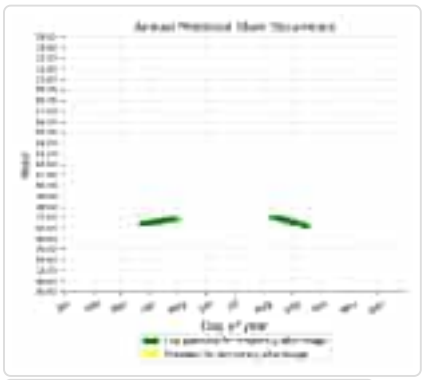


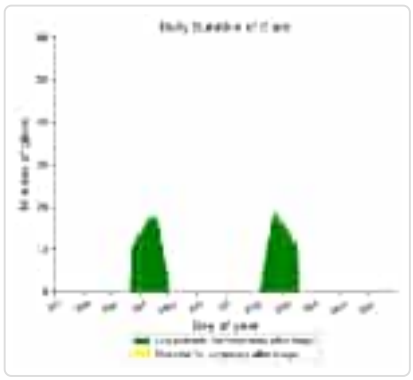


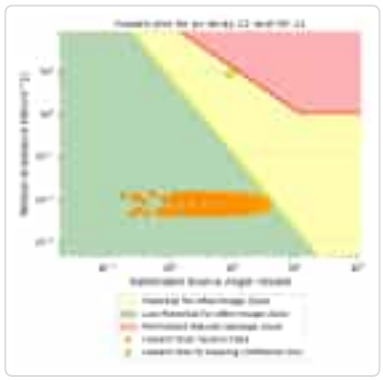
PV array 12: OP 31

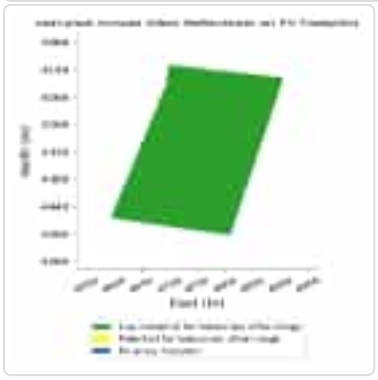
PV array is expected to produce the following glare for this receptor:

- 1,089 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





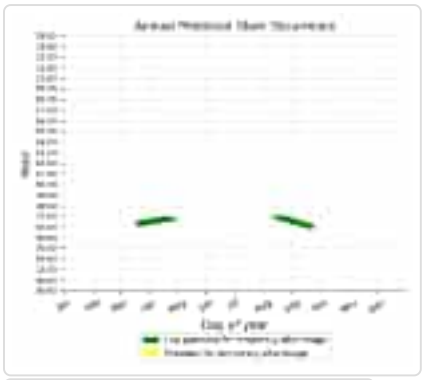


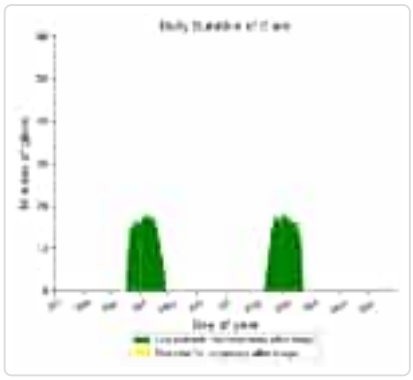


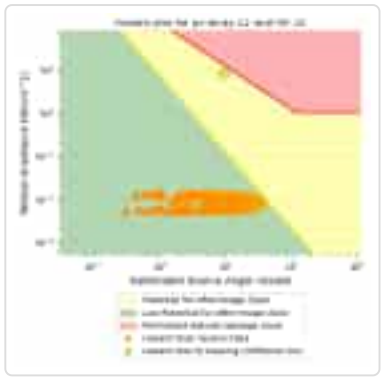
PV array 12: OP 32

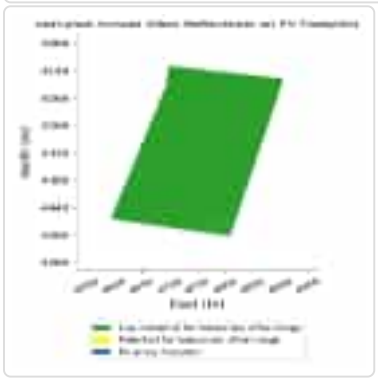
PV array is expected to produce the following glare for this receptor:

- 1,193 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





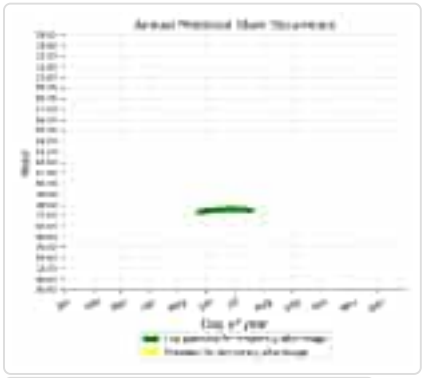


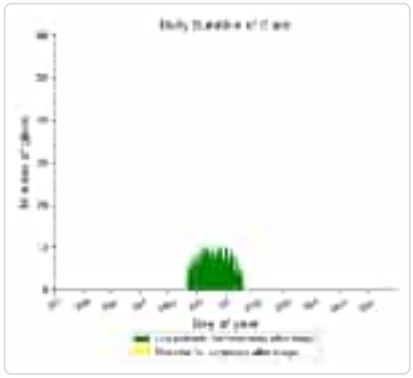


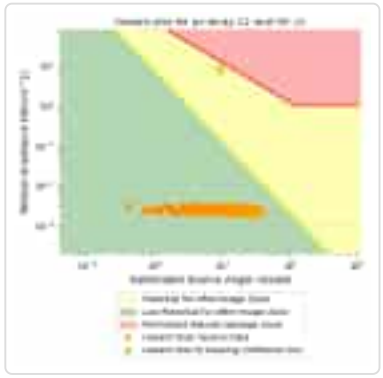
PV array 12: OP 33

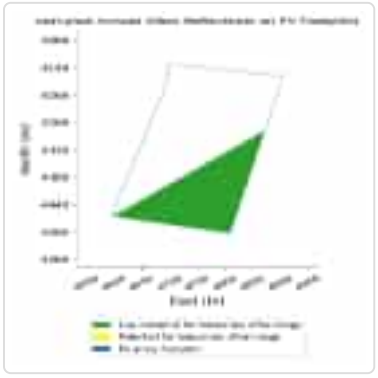
PV array is expected to produce the following glare for this receptor:

- 467 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





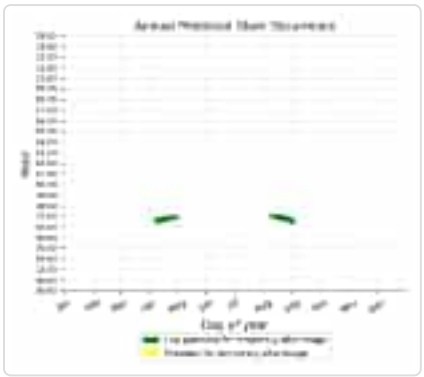


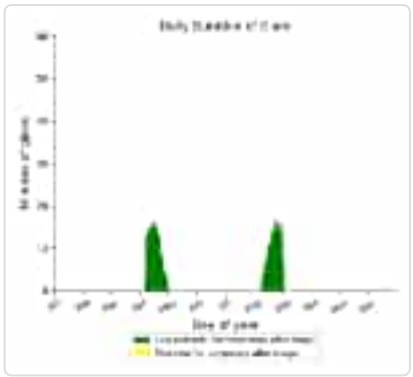


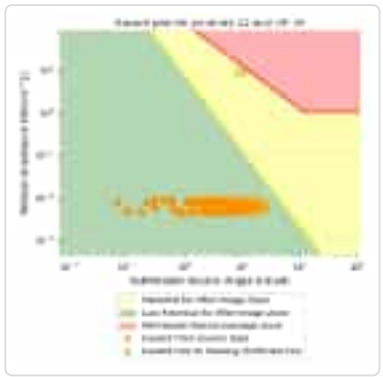
PV array 12: OP 34

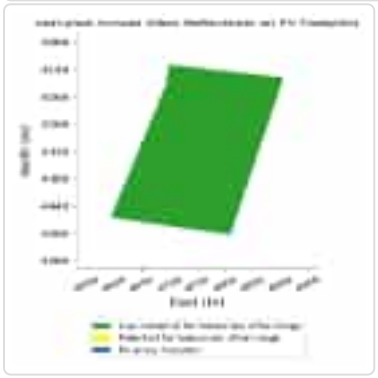
PV array is expected to produce the following glare for this receptor:

- 549 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





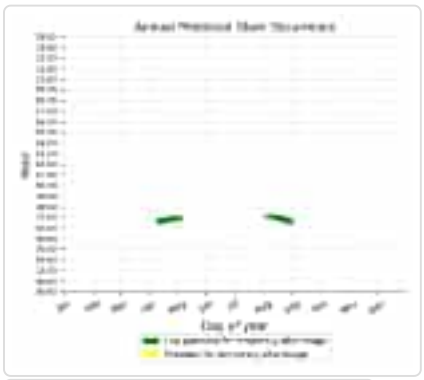


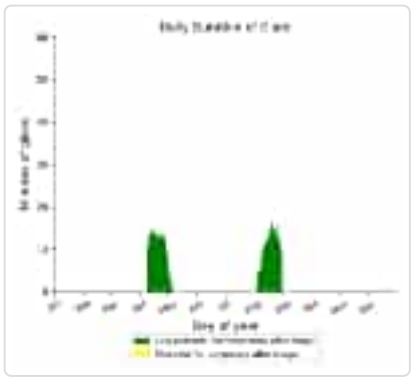


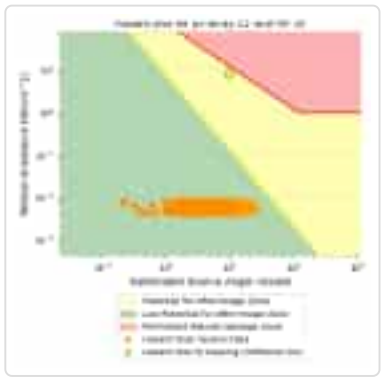
PV array 12: OP 35

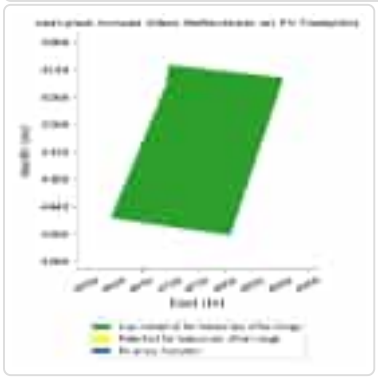
PV array is expected to produce the following glare for this receptor:

- 608 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





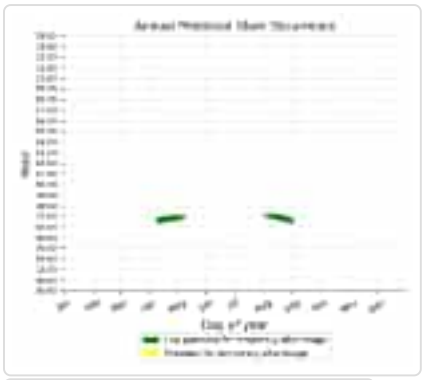


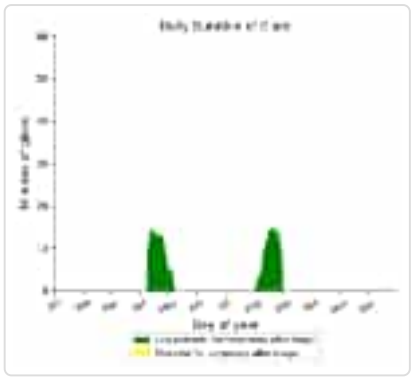


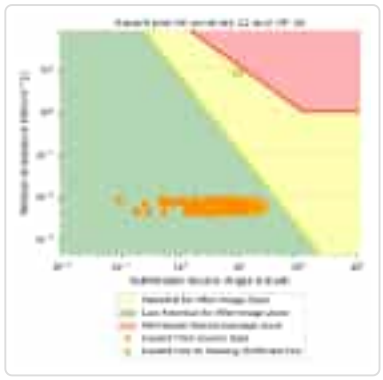
PV array 12: OP 36

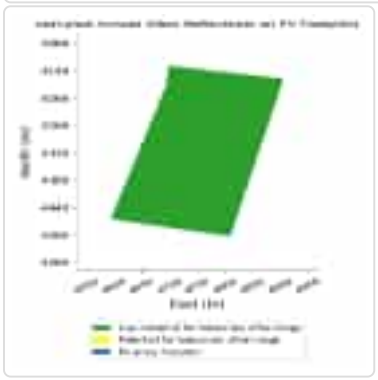
PV array is expected to produce the following glare for this receptor:

- 611 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





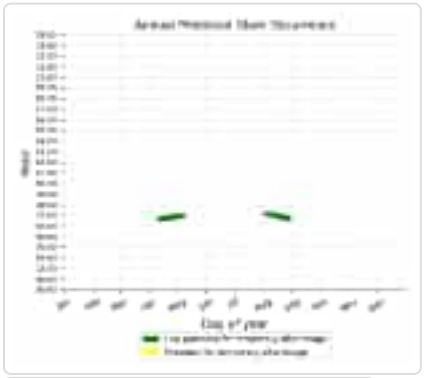


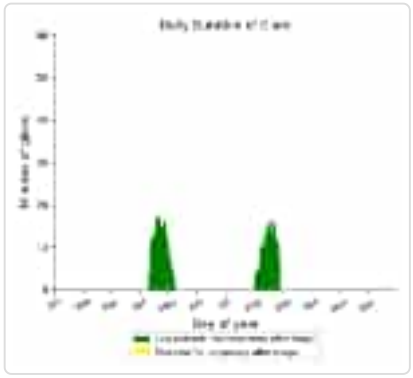


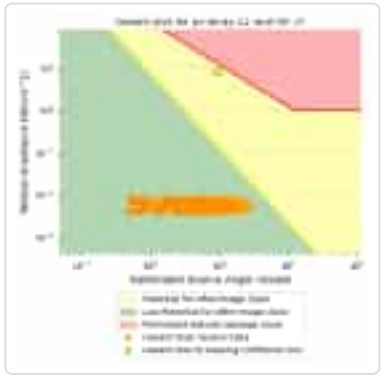
PV array 12: OP 37

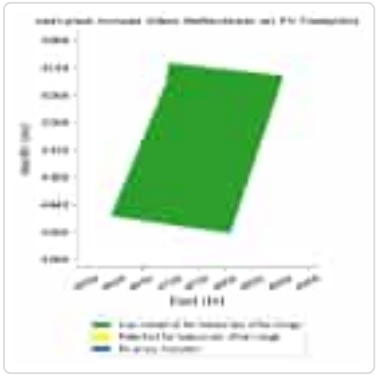
PV array is expected to produce the following glare for this receptor:

- 646 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





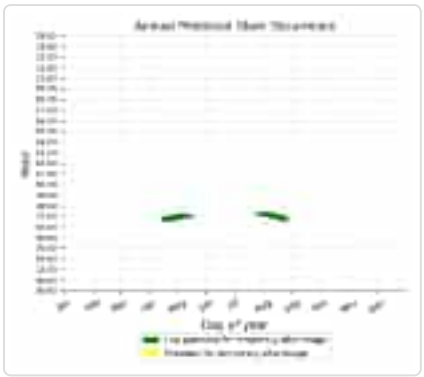


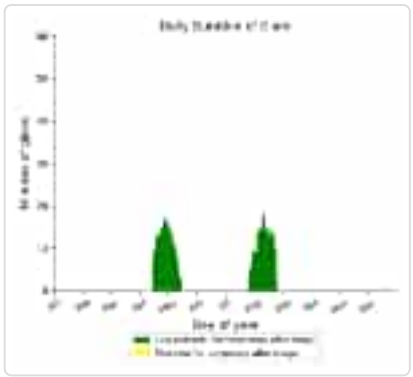


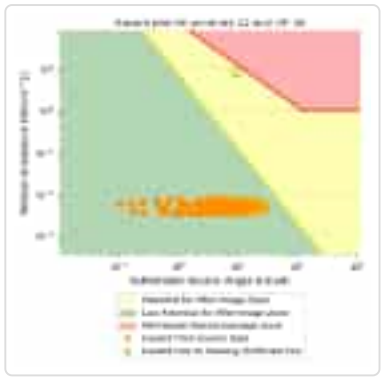
PV array 12: OP 38

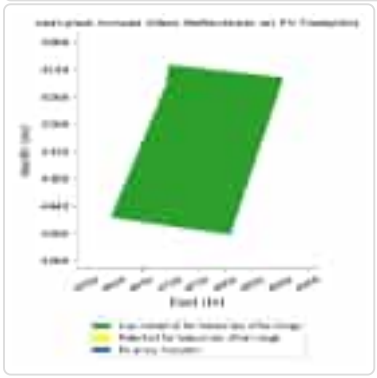
PV array is expected to produce the following glare for this receptor:

- 747 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





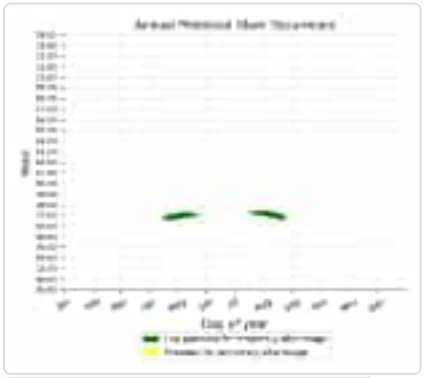


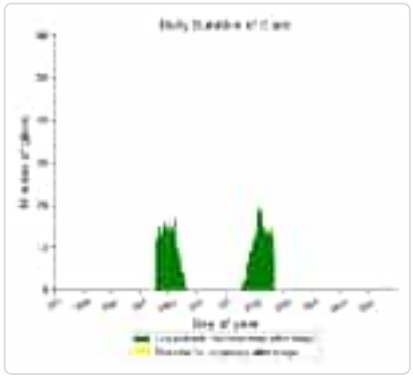


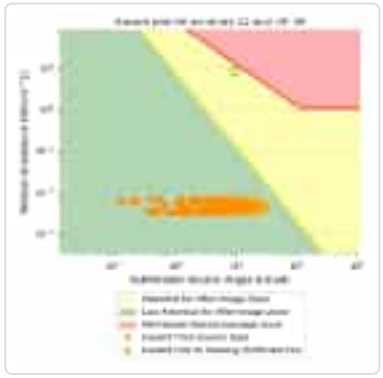
PV array 12: OP 39

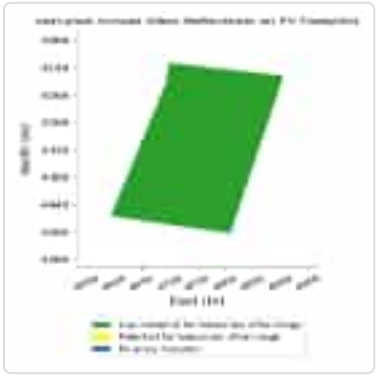
PV array is expected to produce the following glare for this receptor:

- 790 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





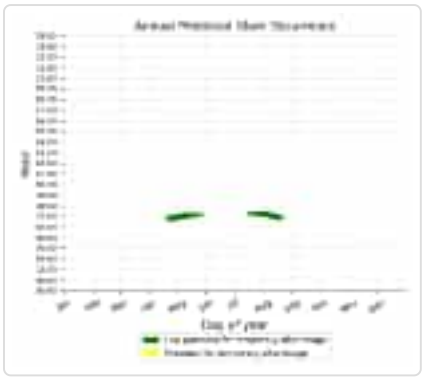


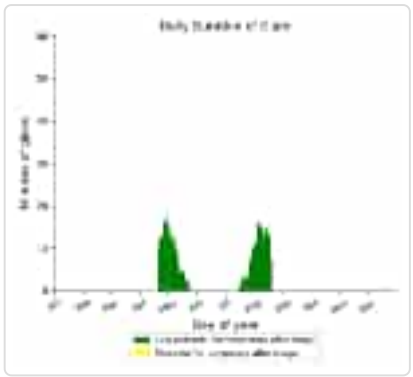


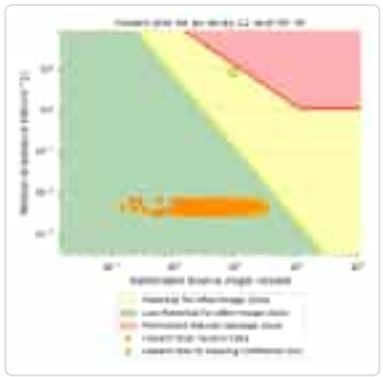
PV array 12: OP 40

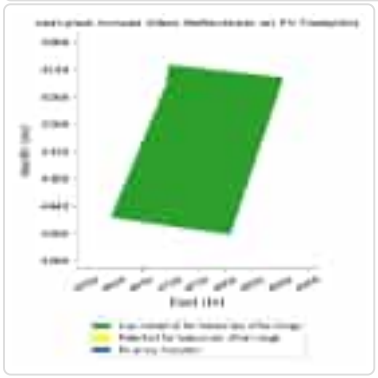
PV array is expected to produce the following glare for this receptor:

- 669 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





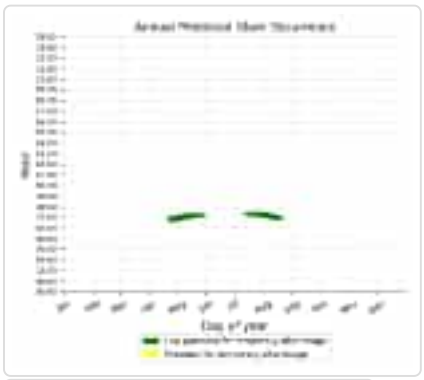


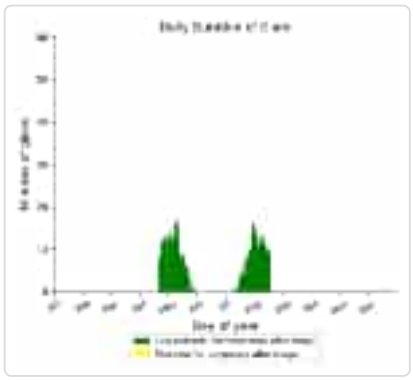


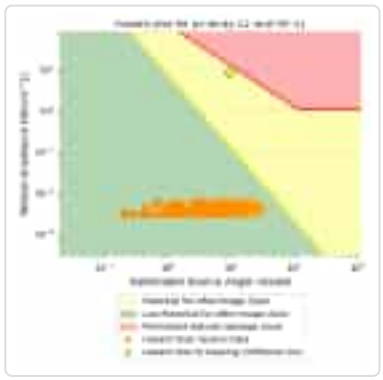
PV array 12: OP 41

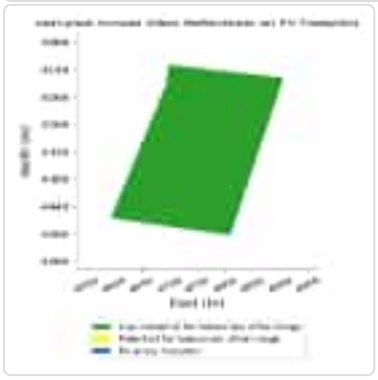
PV array is expected to produce the following glare for this receptor:

- 723 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





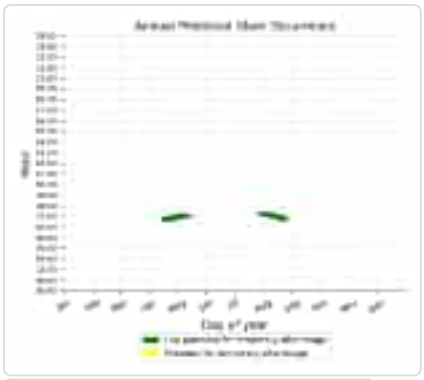


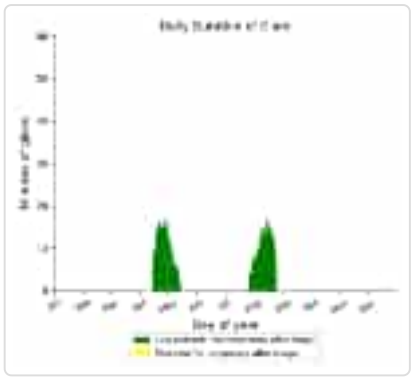


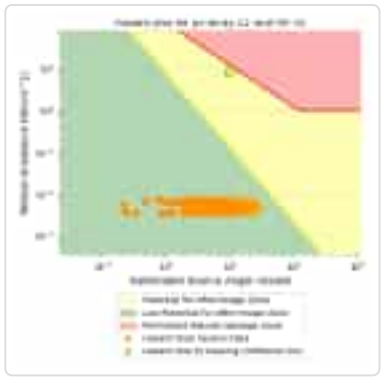
PV array 12: OP 42

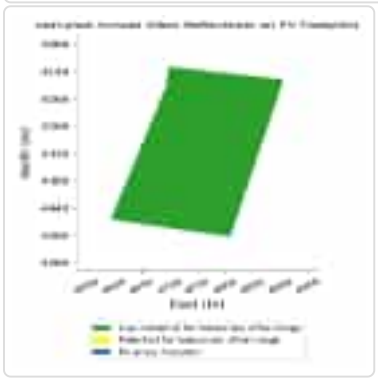
PV array is expected to produce the following glare for this receptor:

- 670 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





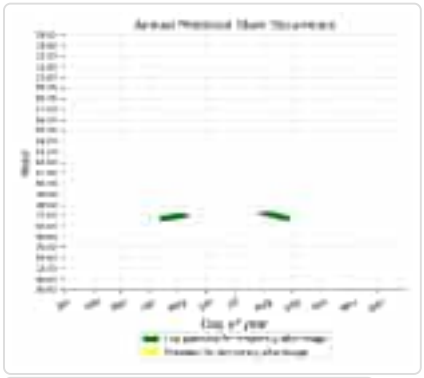


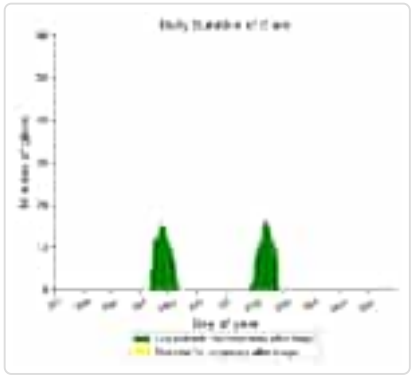


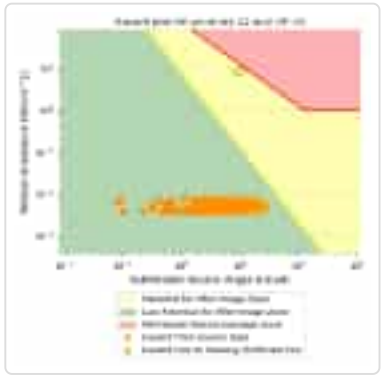
PV array 12: OP 43

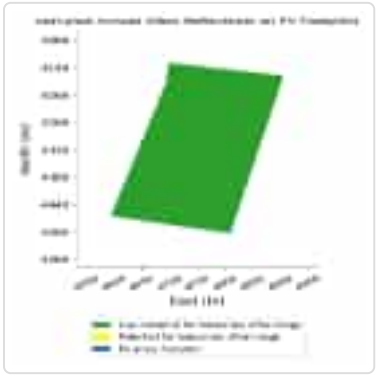
PV array is expected to produce the following glare for this receptor:

- 632 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 13 potential temporary after-image

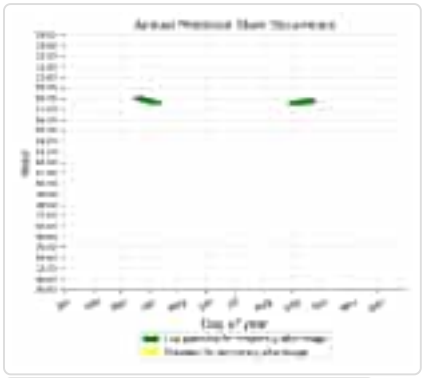
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	382	0
OP: OP 2	2804	1517
OP: OP 3	2776	1404
OP: OP 4	2718	1093
OP: OP 5	628	0
OP: OP 6	756	0
OP: OP 7	1052	0
OP: OP 8	765	0
OP: OP 9	670	1
OP: OP 10	720	0
OP: OP 11	759	0
OP: OP 12	742	0
OP: OP 13	978	0
OP: OP 14	1159	0
OP: OP 15	1625	0
OP: OP 16	2738	0
OP: OP 17	3342	0
OP: OP 18	3333	21
OP: OP 19	3413	67
OP: OP 20	3262	61
OP: OP 21	3048	274
OP: OP 22	3208	403
OP: OP 23	3024	587
OP: OP 24	2808	345
OP: OP 25	2730	252

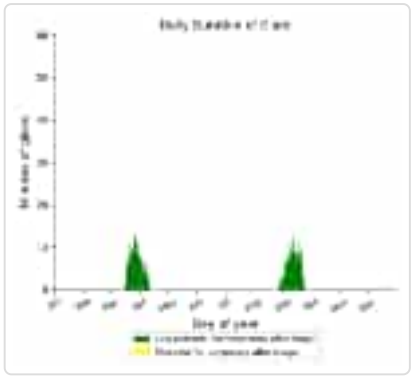
OP: OP 26	2878	23
OP: OP 27	2532	24
OP: OP 28	2240	109
OP: OP 29	1546	128
OP: OP 30	1458	170
OP: OP 31	1310	27
OP: OP 32	968	18
OP: OP 33	3033	253
OP: OP 34	2800	137
OP: OP 35	2919	183
OP: OP 36	2730	706
OP: OP 37	3175	251
OP: OP 38	3023	0
OP: OP 39	2250	0
OP: OP 40	259	0
OP: OP 41	337	0
OP: OP 42	2855	0
OP: OP 43	2434	30

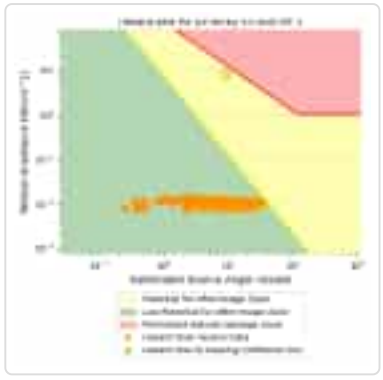
PV array 13: OP 1

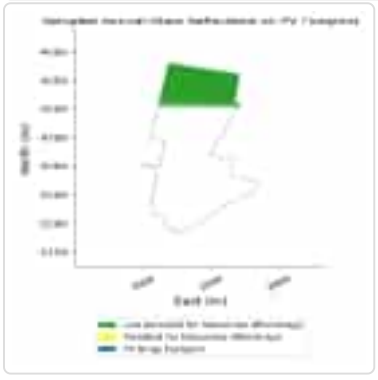
PV array is expected to produce the following glare for this receptor:

- 382 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





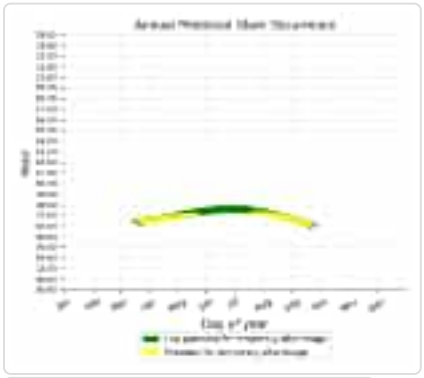


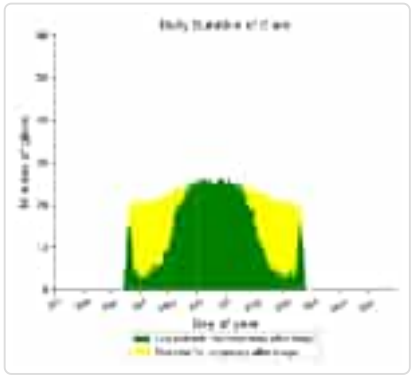


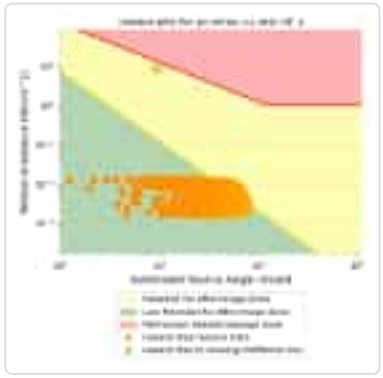
PV array 13: OP 2

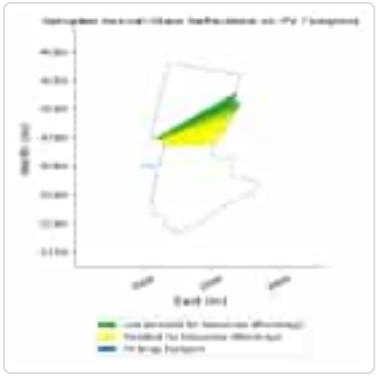
PV array is expected to produce the following glare for this receptor:

- 2,804 minutes of "green" glare with low potential to cause temporary after-image.
- 1,517 minutes of "yellow" glare with potential to cause temporary after-image.





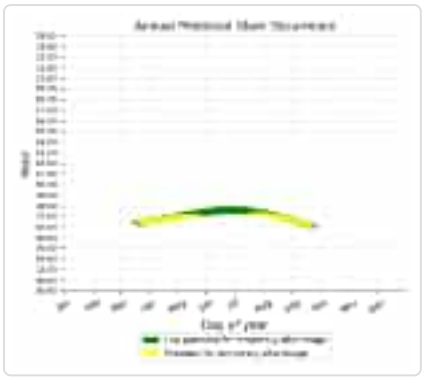


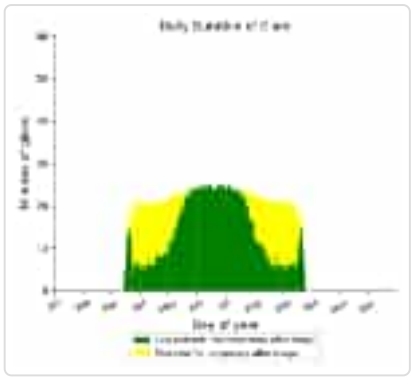


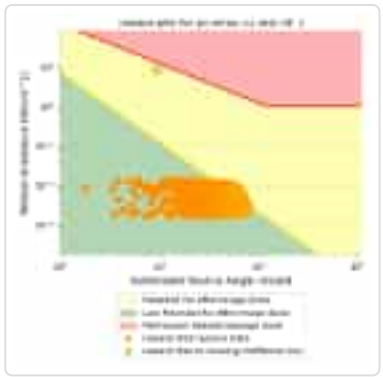
PV array 13: OP 3

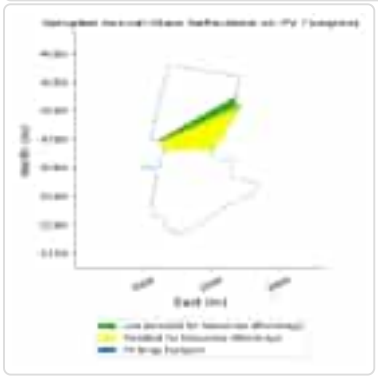
PV array is expected to produce the following glare for this receptor:

- 2,776 minutes of "green" glare with low potential to cause temporary after-image.
- 1,404 minutes of "yellow" glare with potential to cause temporary after-image.





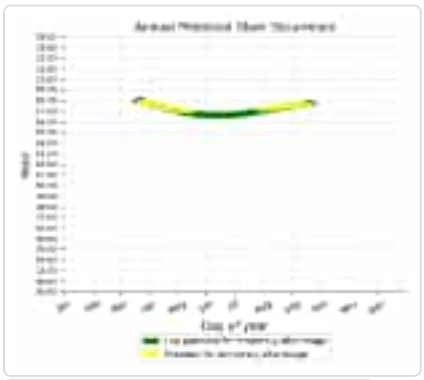


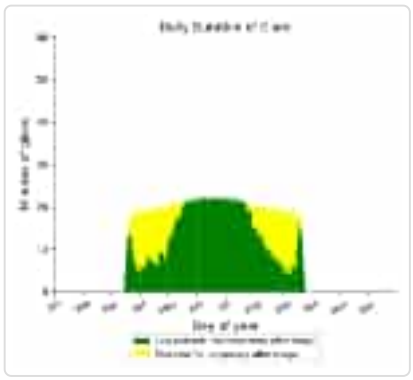


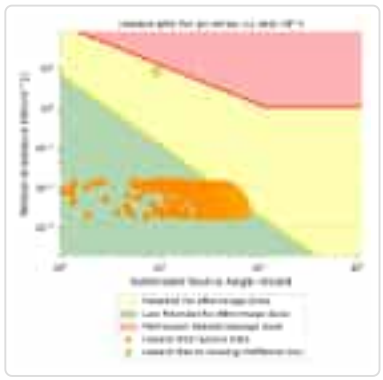
PV array 13: OP 4

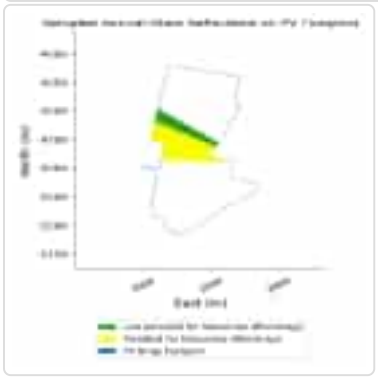
PV array is expected to produce the following glare for this receptor:

- 2,718 minutes of "green" glare with low potential to cause temporary after-image.
- 1,093 minutes of "yellow" glare with potential to cause temporary after-image.





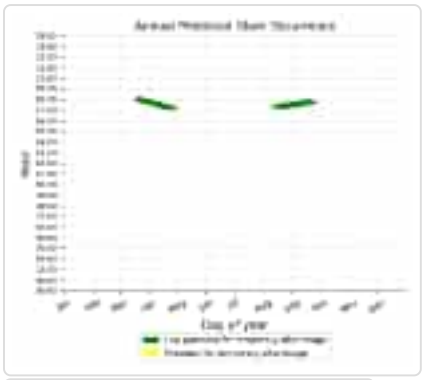


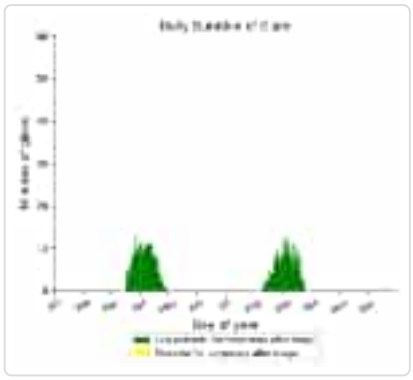


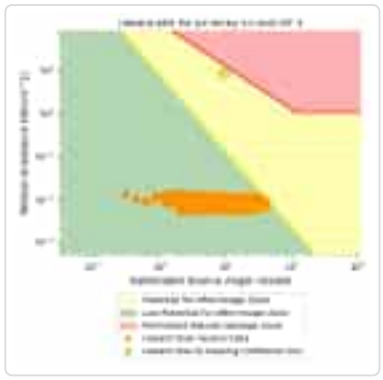
PV array 13: OP 5

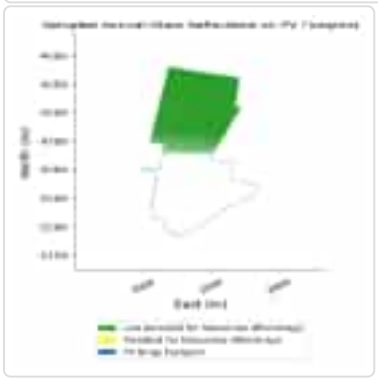
PV array is expected to produce the following glare for this receptor:

- 628 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





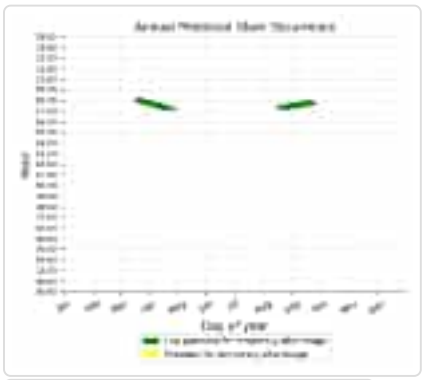


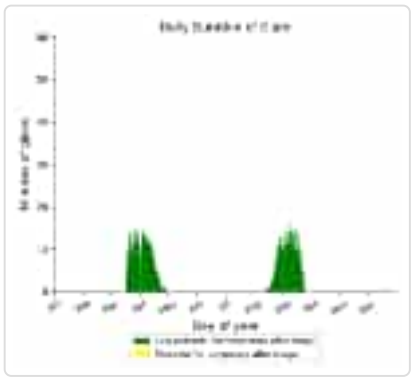


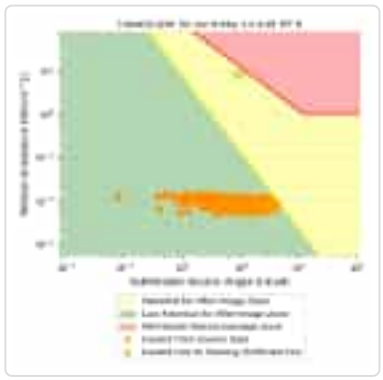
PV array 13: OP 6

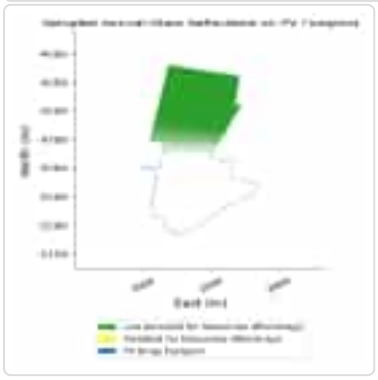
PV array is expected to produce the following glare for this receptor:

- 756 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





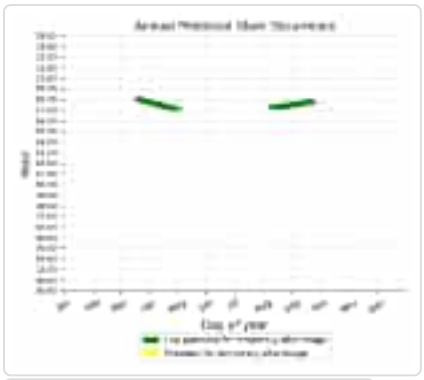


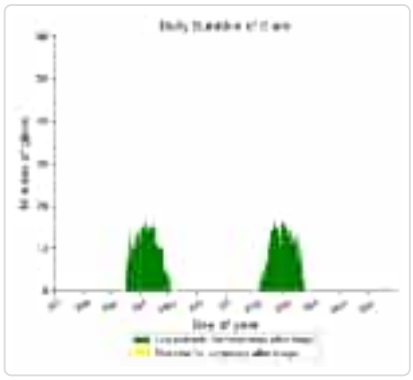


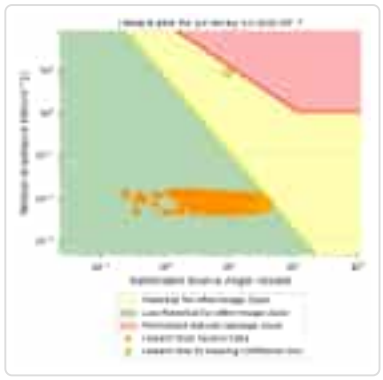
PV array 13: OP 7

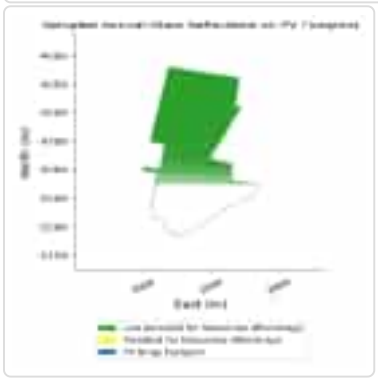
PV array is expected to produce the following glare for this receptor:

- 1,052 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





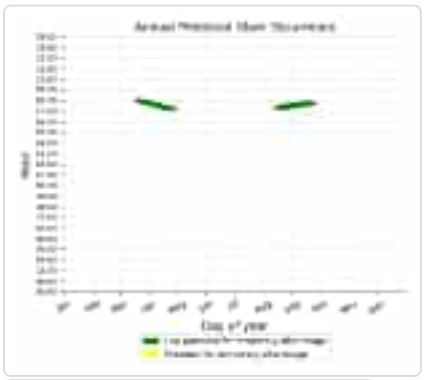


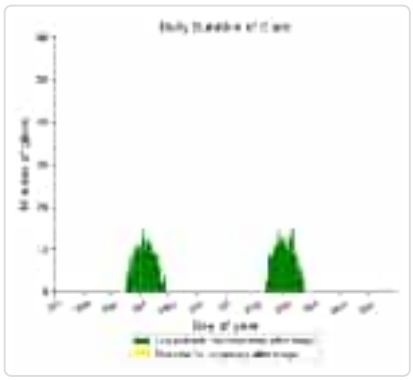


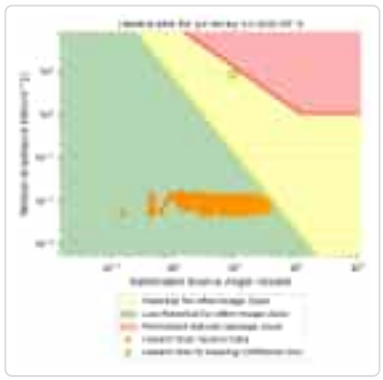
PV array 13: OP 8

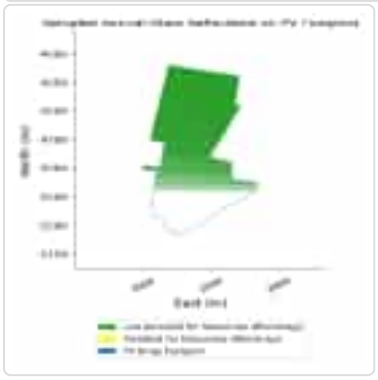
PV array is expected to produce the following glare for this receptor:

- 765 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





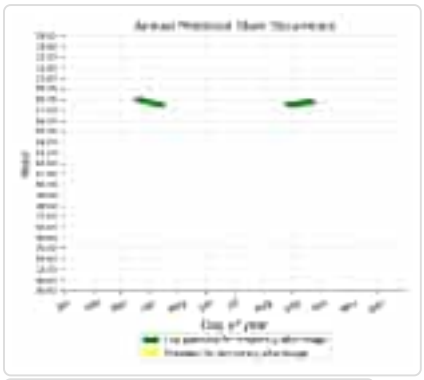


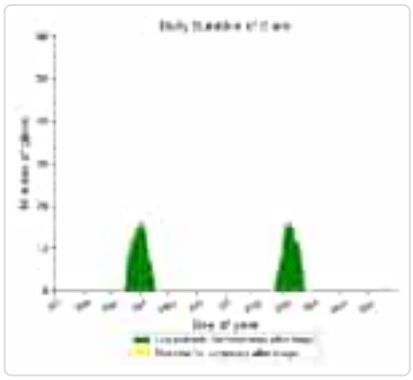


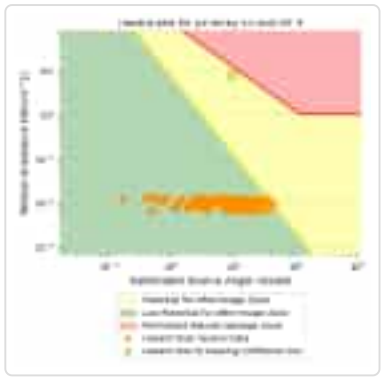
PV array 13: OP 9

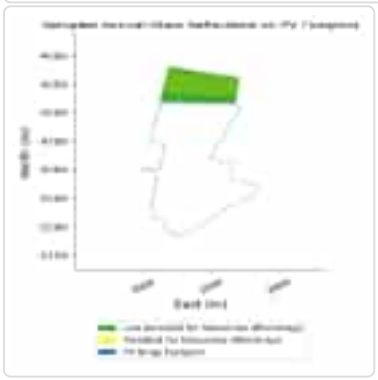
PV array is expected to produce the following glare for this receptor:

- 670 minutes of "green" glare with low potential to cause temporary after-image.
- 1 minutes of "yellow" glare with potential to cause temporary after-image.





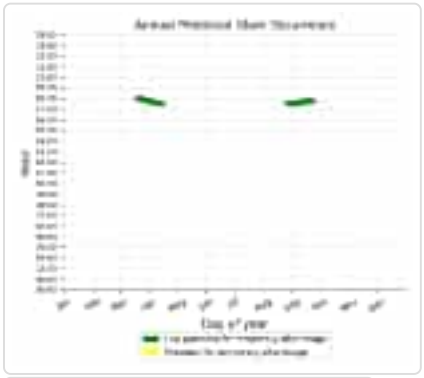


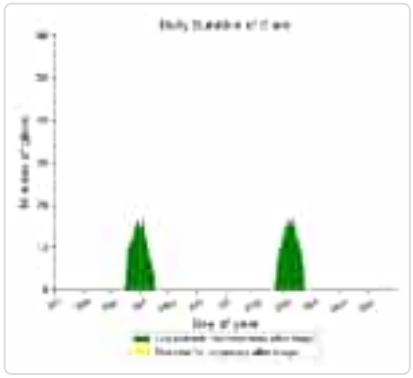


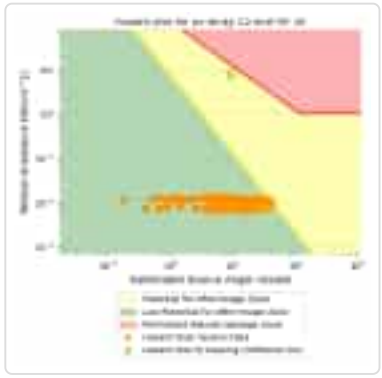
PV array 13: OP 10

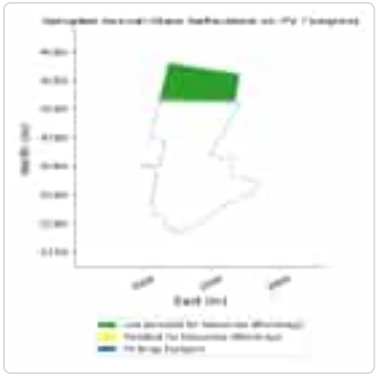
PV array is expected to produce the following glare for this receptor:

- 720 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





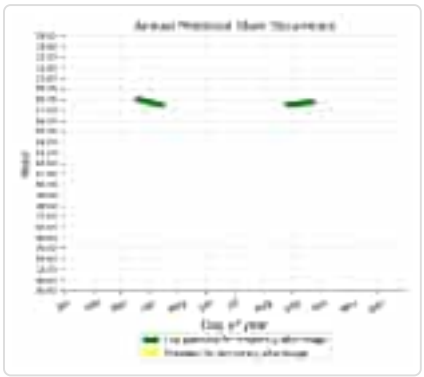


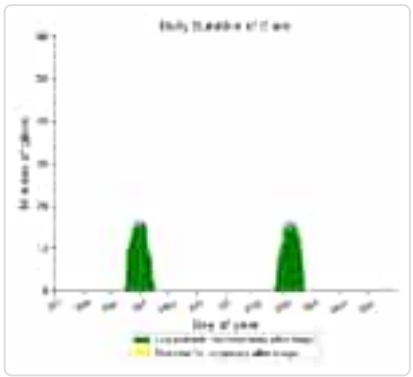


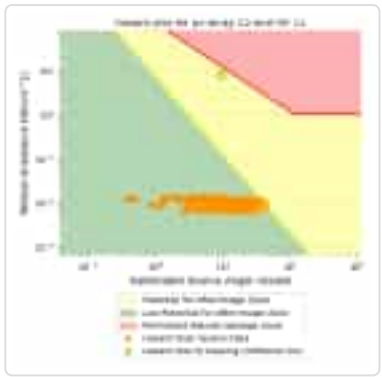
PV array 13: OP 11

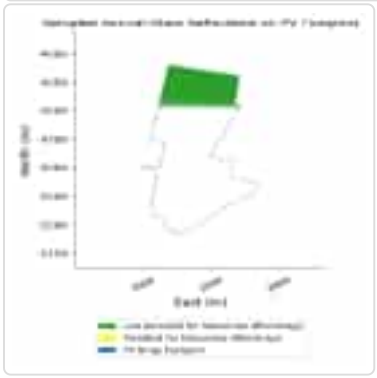
PV array is expected to produce the following glare for this receptor:

- 759 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





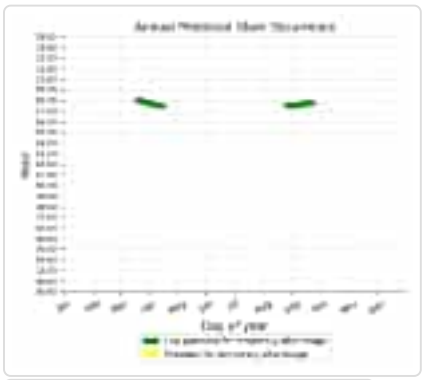


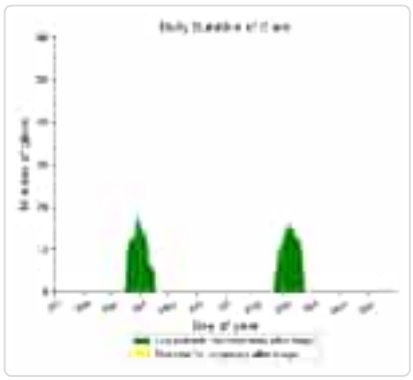


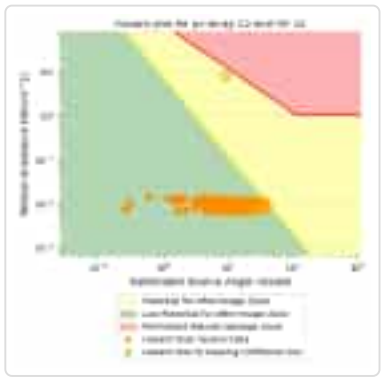
PV array 13: OP 12

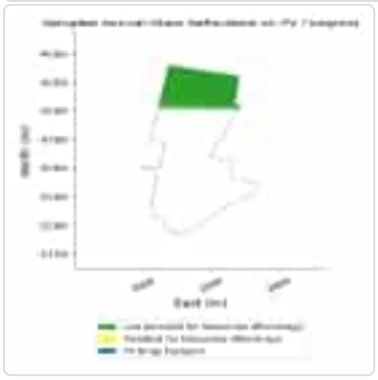
PV array is expected to produce the following glare for this receptor:

- 742 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





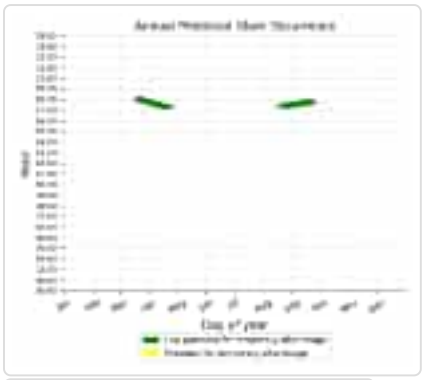


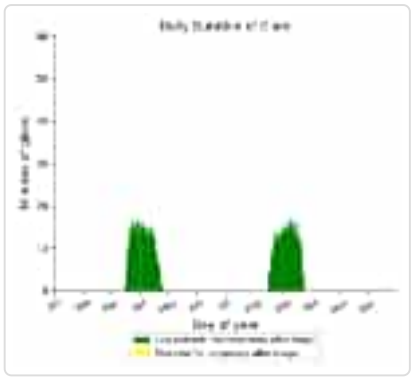


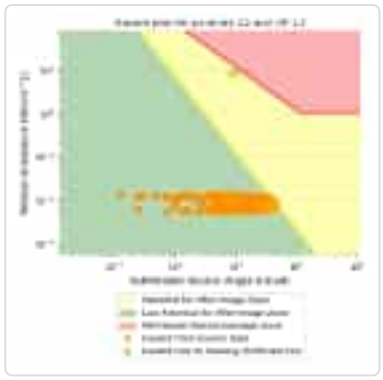
PV array 13: OP 13

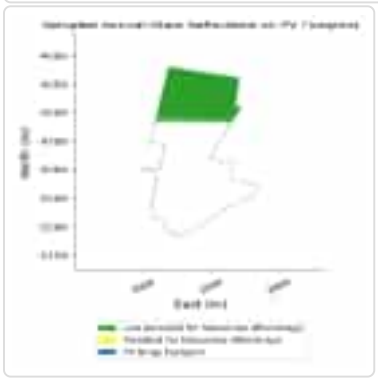
PV array is expected to produce the following glare for this receptor:

- 978 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





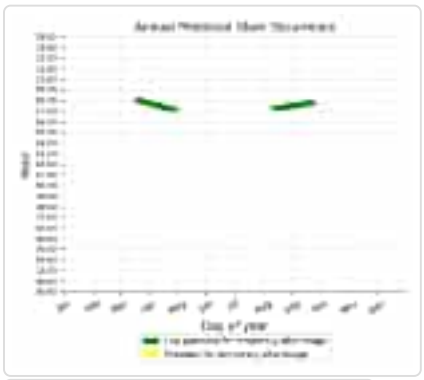


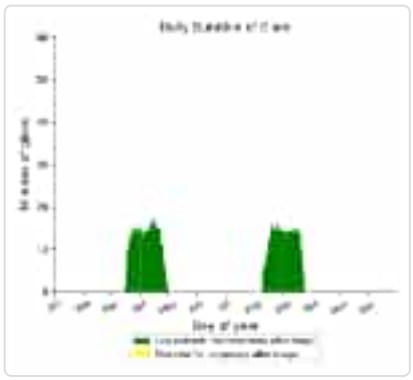


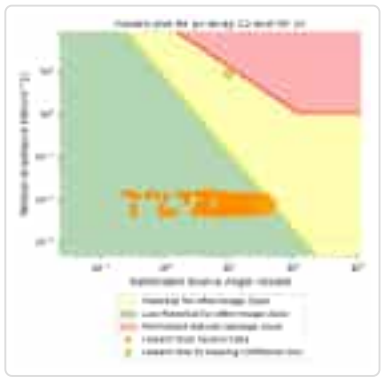
PV array 13: OP 14

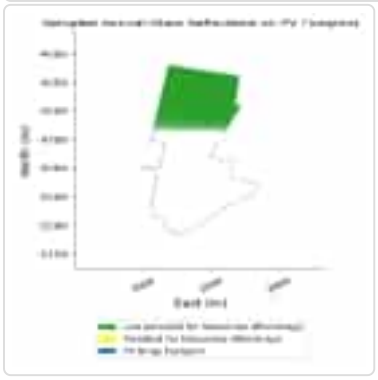
PV array is expected to produce the following glare for this receptor:

- 1,159 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





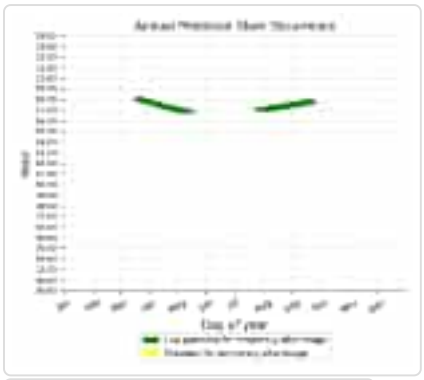


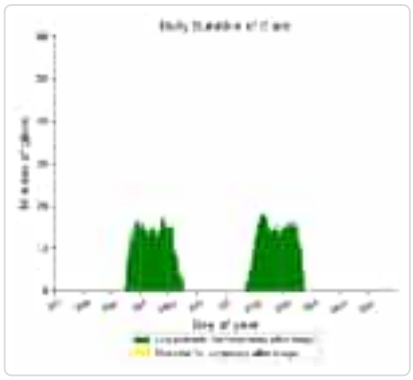


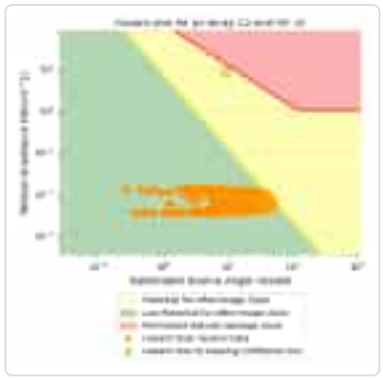
PV array 13: OP 15

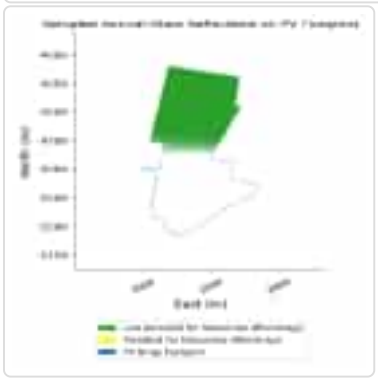
PV array is expected to produce the following glare for this receptor:

- 1,625 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





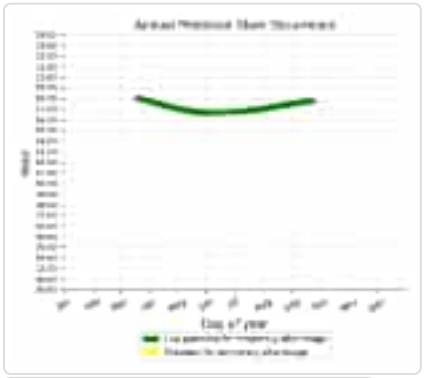


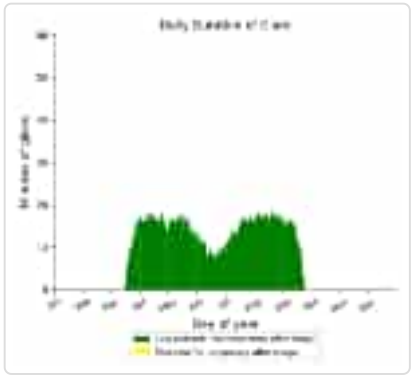


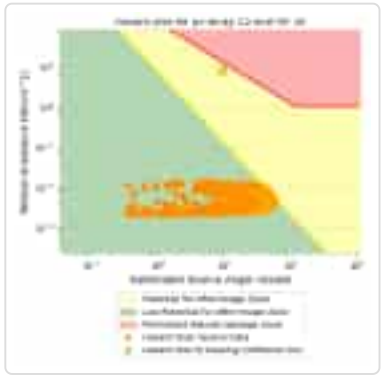
PV array 13: OP 16

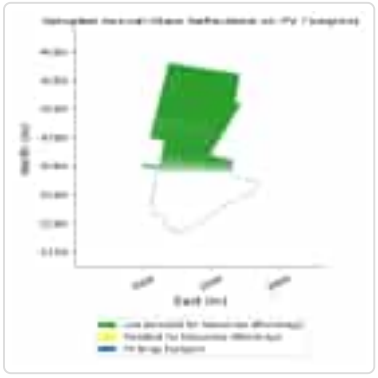
PV array is expected to produce the following glare for this receptor:

- 2,738 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





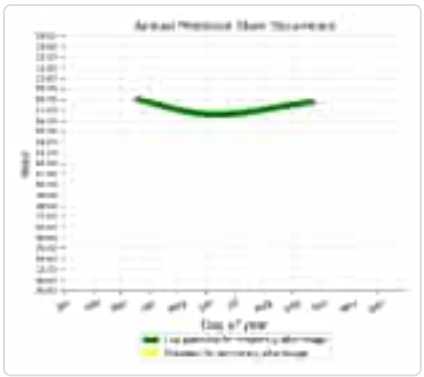


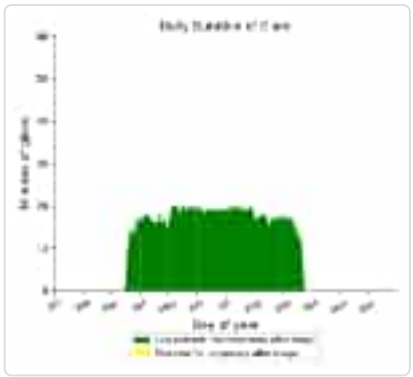


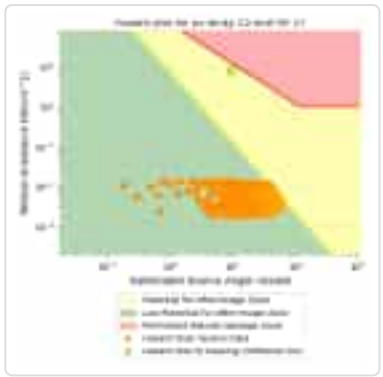
PV array 13: OP 17

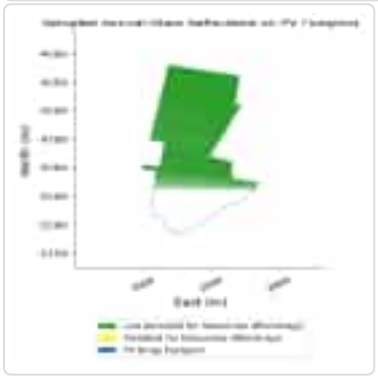
PV array is expected to produce the following glare for this receptor:

- 3,342 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





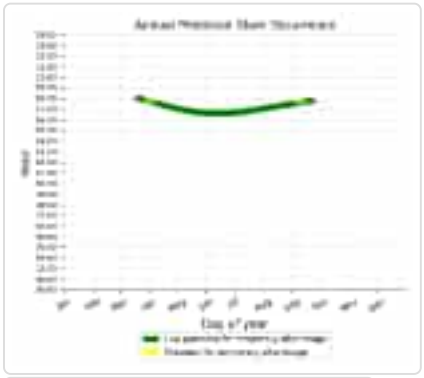


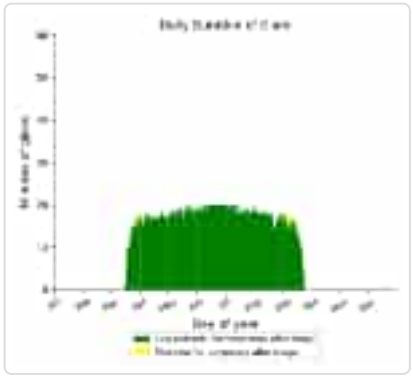


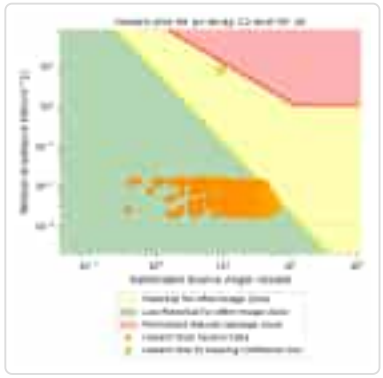
PV array 13: OP 18

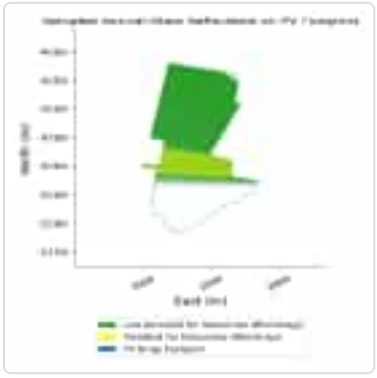
PV array is expected to produce the following glare for this receptor:

- 3,333 minutes of "green" glare with low potential to cause temporary after-image.
- 21 minutes of "yellow" glare with potential to cause temporary after-image.





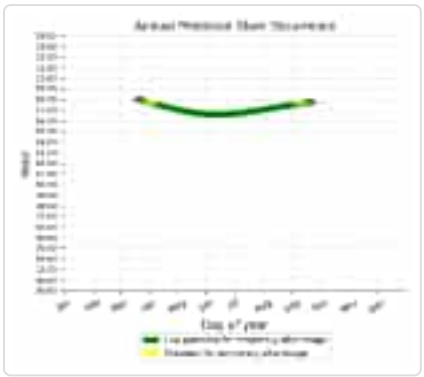


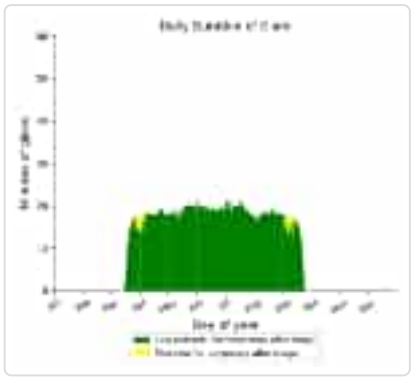


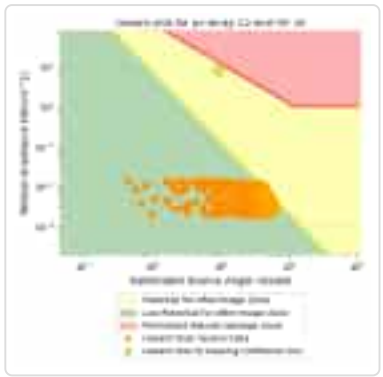
PV array 13: OP 19

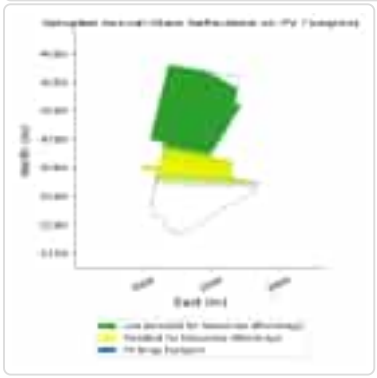
PV array is expected to produce the following glare for this receptor:

- 3,413 minutes of "green" glare with low potential to cause temporary after-image.
- 67 minutes of "yellow" glare with potential to cause temporary after-image.





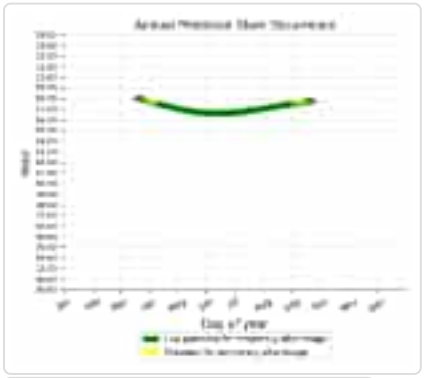


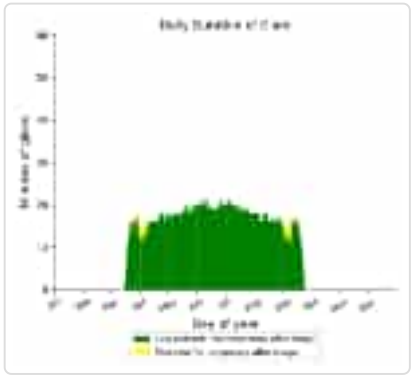


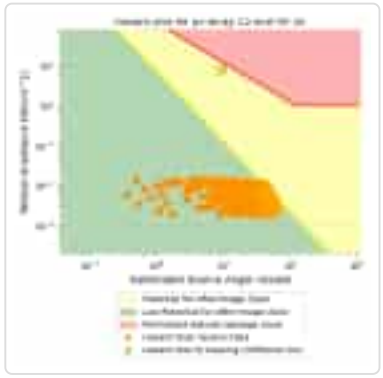
PV array 13: OP 20

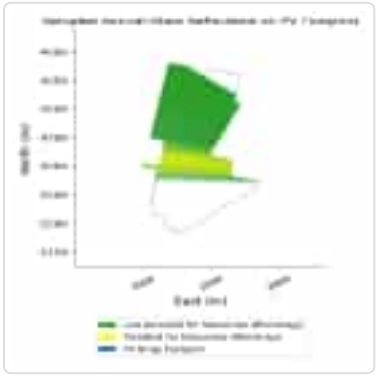
PV array is expected to produce the following glare for this receptor:

- 3,262 minutes of "green" glare with low potential to cause temporary after-image.
- 61 minutes of "yellow" glare with potential to cause temporary after-image.





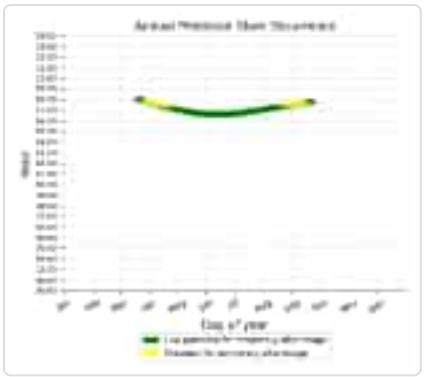


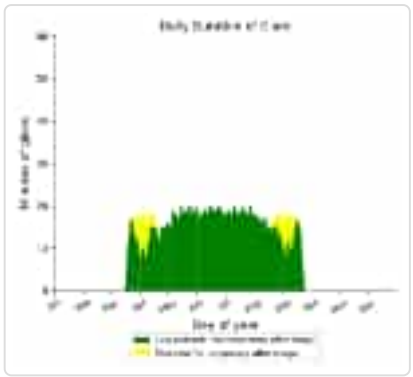


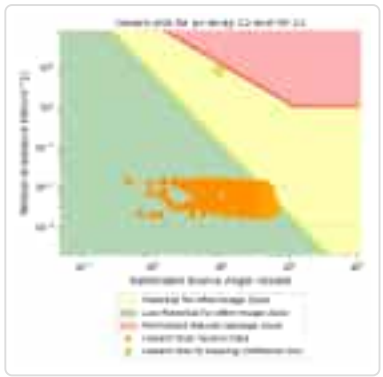
PV array 13: OP 21

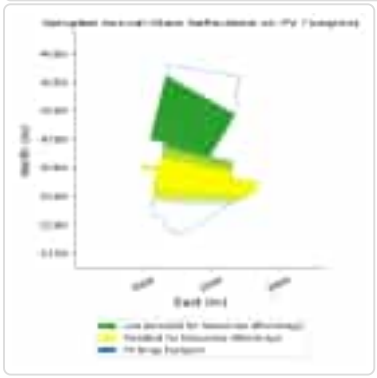
PV array is expected to produce the following glare for this receptor:

- 3,048 minutes of "green" glare with low potential to cause temporary after-image.
- 274 minutes of "yellow" glare with potential to cause temporary after-image.





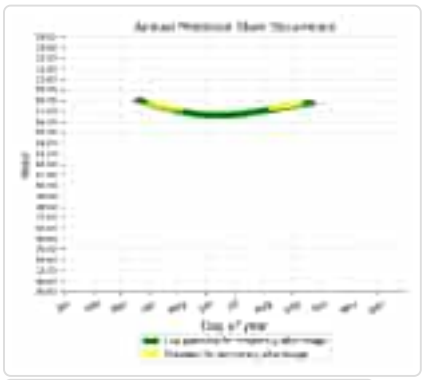


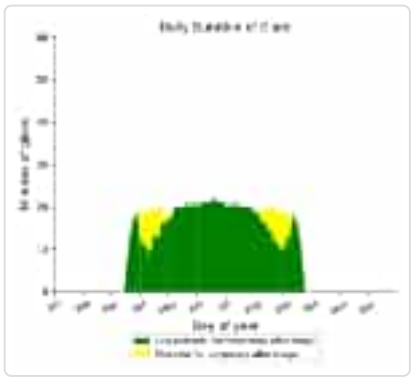


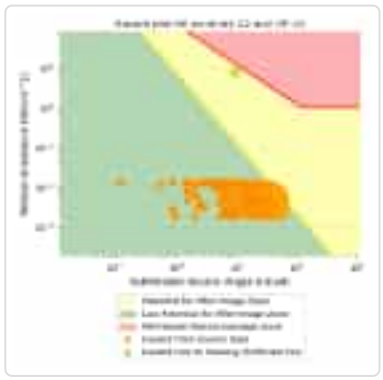
PV array 13: OP 22

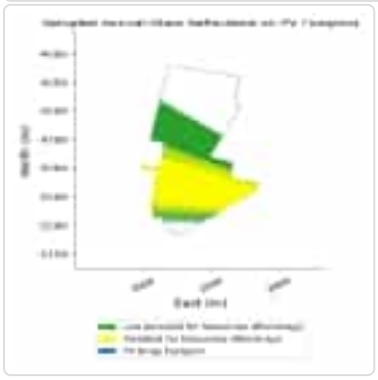
PV array is expected to produce the following glare for this receptor:

- 3,208 minutes of "green" glare with low potential to cause temporary after-image.
- 403 minutes of "yellow" glare with potential to cause temporary after-image.





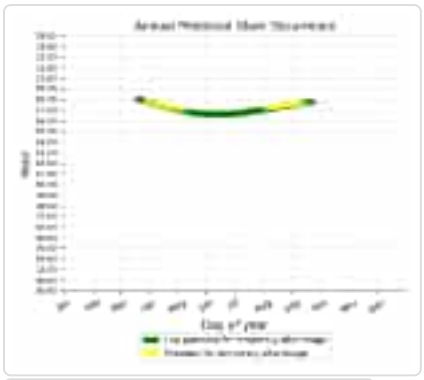


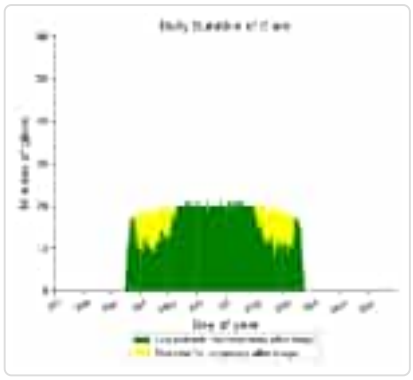


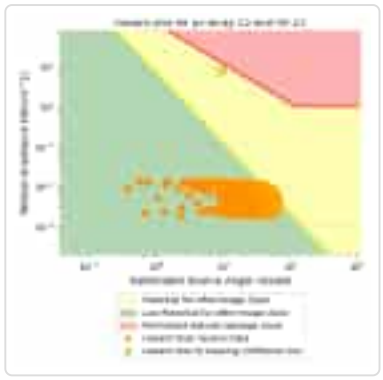
PV array 13: OP 23

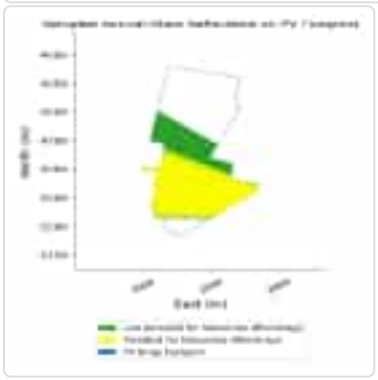
PV array is expected to produce the following glare for this receptor:

- 3,024 minutes of "green" glare with low potential to cause temporary after-image.
- 587 minutes of "yellow" glare with potential to cause temporary after-image.





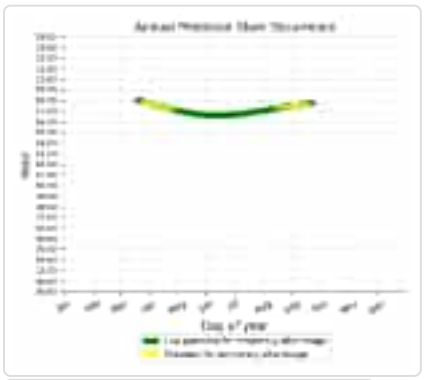


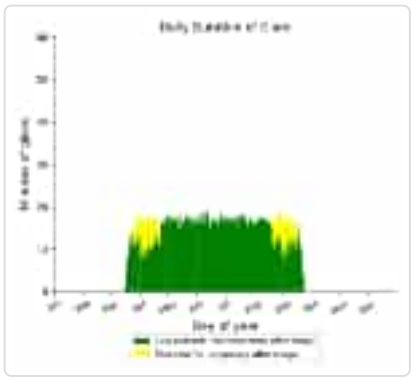


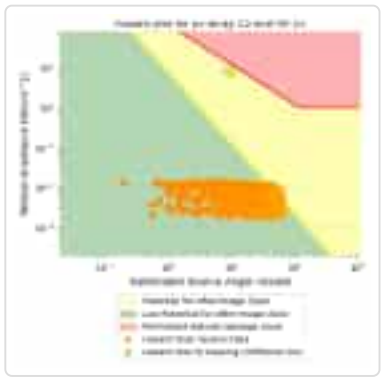
PV array 13: OP 24

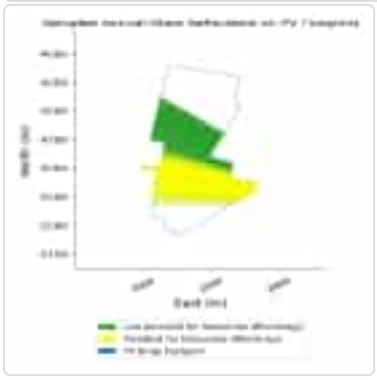
PV array is expected to produce the following glare for this receptor:

- 2,808 minutes of "green" glare with low potential to cause temporary after-image.
- 345 minutes of "yellow" glare with potential to cause temporary after-image.





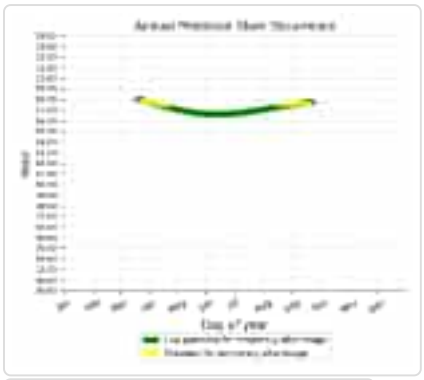


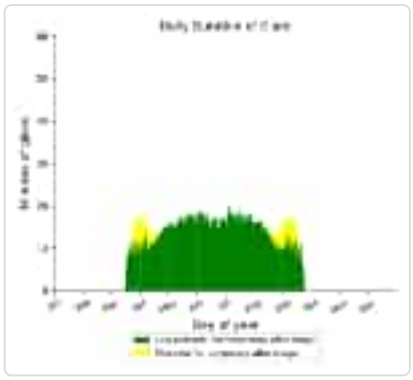


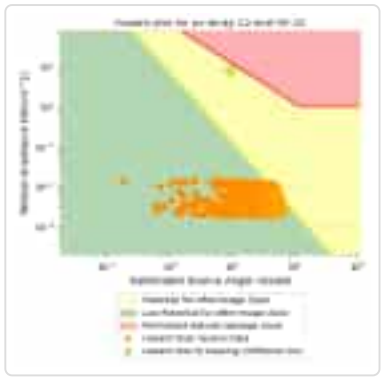
PV array 13: OP 25

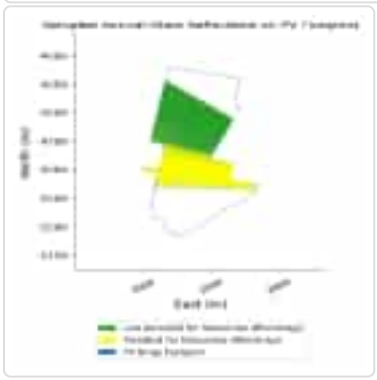
PV array is expected to produce the following glare for this receptor:

- 2,730 minutes of "green" glare with low potential to cause temporary after-image.
- 252 minutes of "yellow" glare with potential to cause temporary after-image.





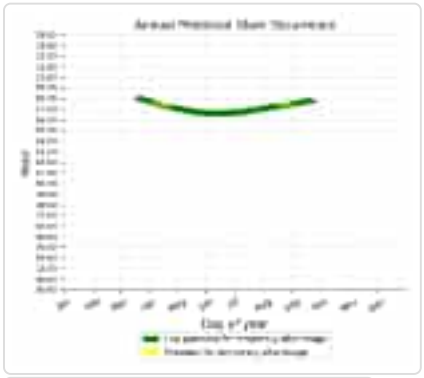


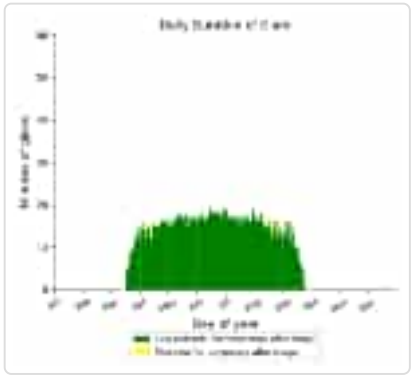


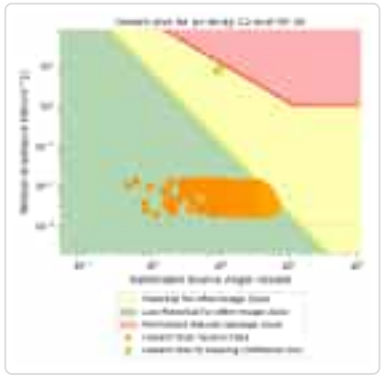
PV array 13: OP 26

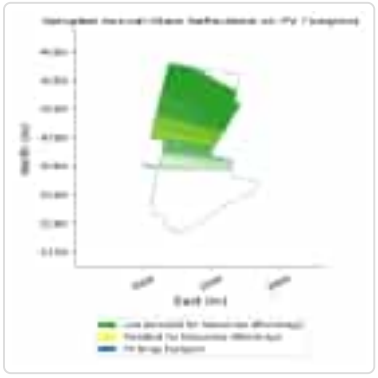
PV array is expected to produce the following glare for this receptor:

- 2,878 minutes of "green" glare with low potential to cause temporary after-image.
- 23 minutes of "yellow" glare with potential to cause temporary after-image.





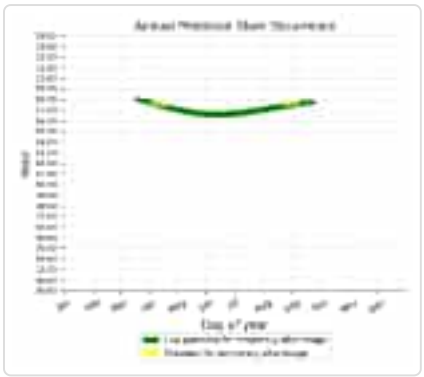


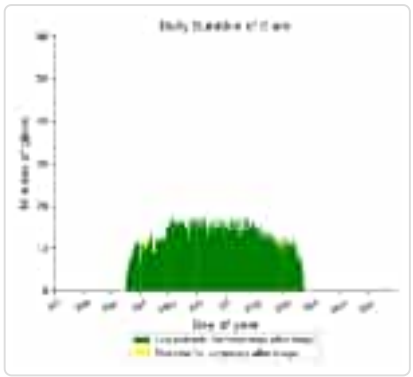


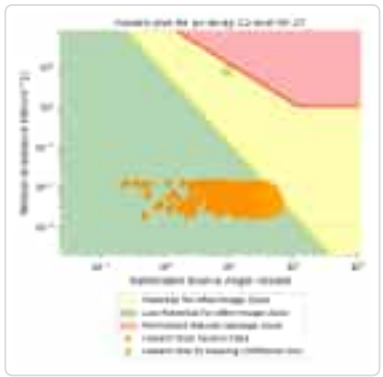
PV array 13: OP 27

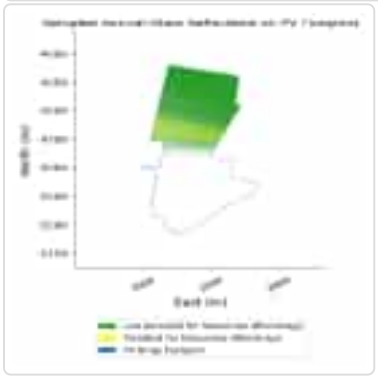
PV array is expected to produce the following glare for this receptor:

- 2,532 minutes of "green" glare with low potential to cause temporary after-image.
- 24 minutes of "yellow" glare with potential to cause temporary after-image.





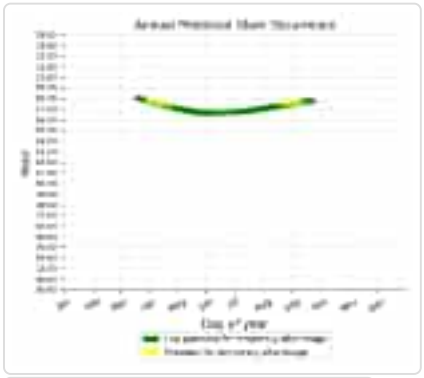


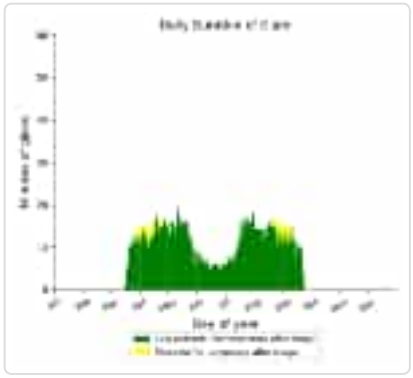


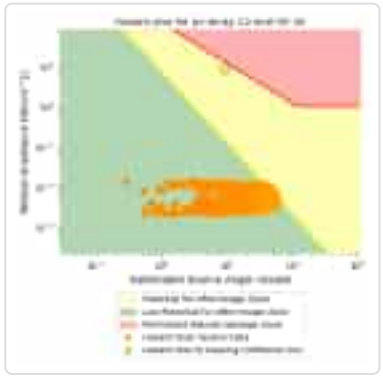
PV array 13: OP 28

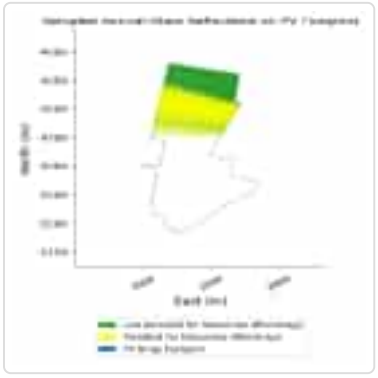
PV array is expected to produce the following glare for this receptor:

- 2,240 minutes of "green" glare with low potential to cause temporary after-image.
- 109 minutes of "yellow" glare with potential to cause temporary after-image.





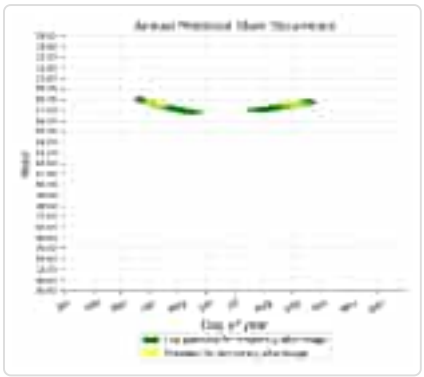


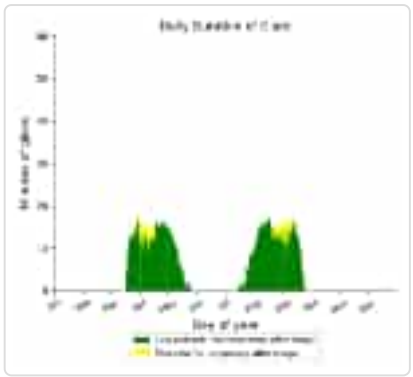


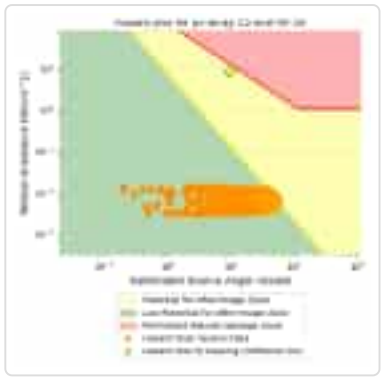
PV array 13: OP 29

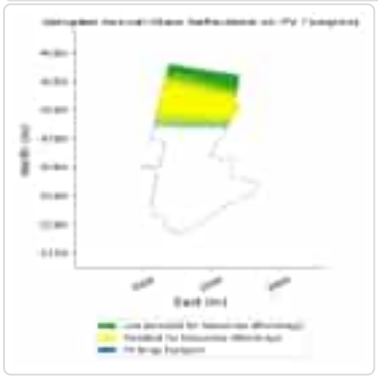
PV array is expected to produce the following glare for this receptor:

- 1,546 minutes of "green" glare with low potential to cause temporary after-image.
- 128 minutes of "yellow" glare with potential to cause temporary after-image.





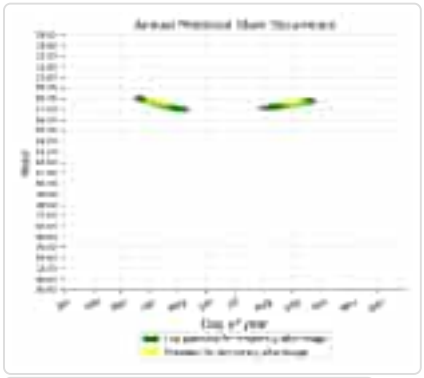


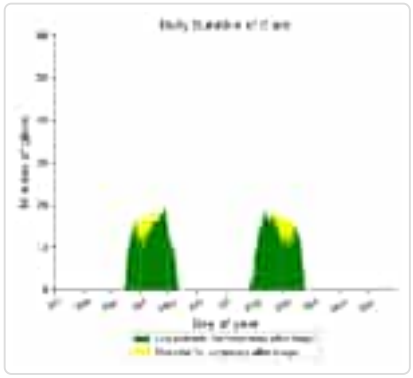


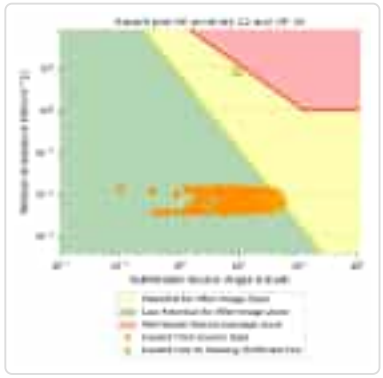
PV array 13: OP 30

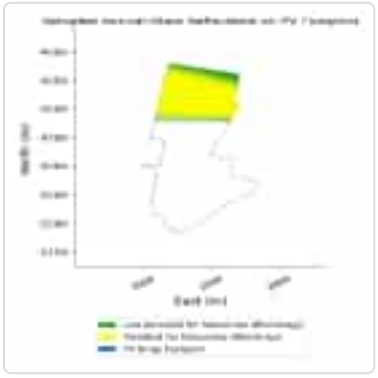
PV array is expected to produce the following glare for this receptor:

- 1,458 minutes of "green" glare with low potential to cause temporary after-image.
- 170 minutes of "yellow" glare with potential to cause temporary after-image.





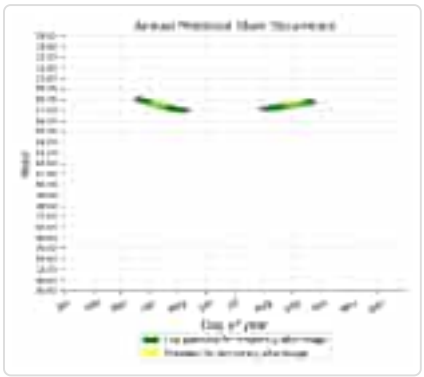


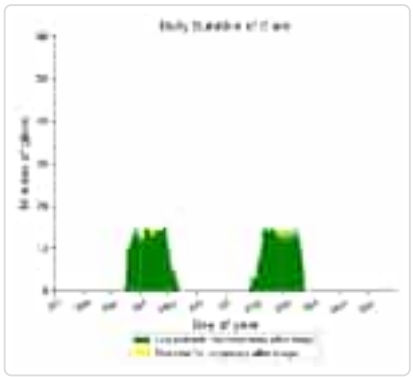


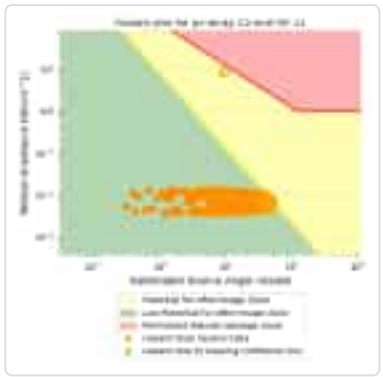
PV array 13: OP 31

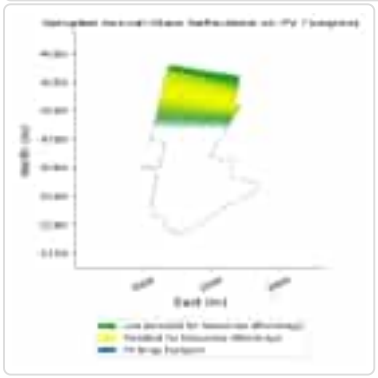
PV array is expected to produce the following glare for this receptor:

- 1,310 minutes of "green" glare with low potential to cause temporary after-image.
- 27 minutes of "yellow" glare with potential to cause temporary after-image.





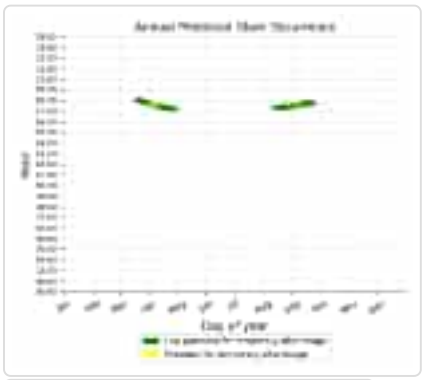


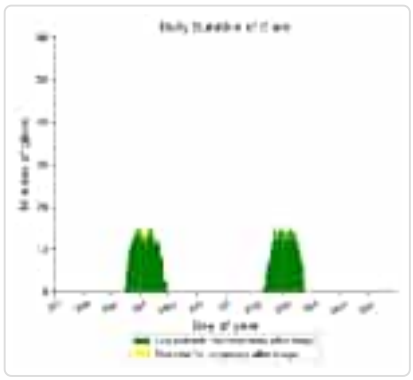


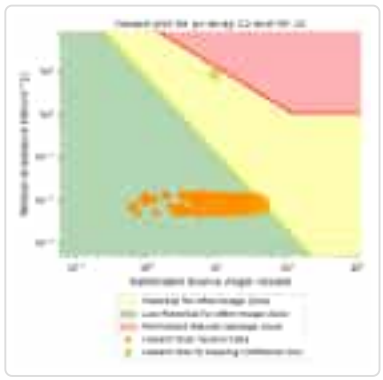
PV array 13: OP 32

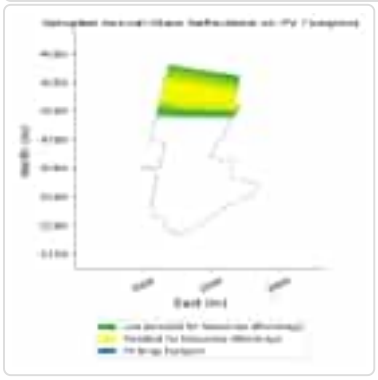
PV array is expected to produce the following glare for this receptor:

- 968 minutes of "green" glare with low potential to cause temporary after-image.
- 18 minutes of "yellow" glare with potential to cause temporary after-image.





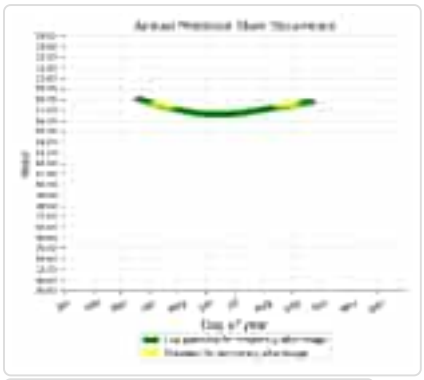


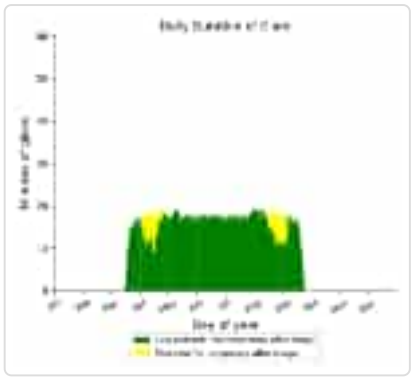


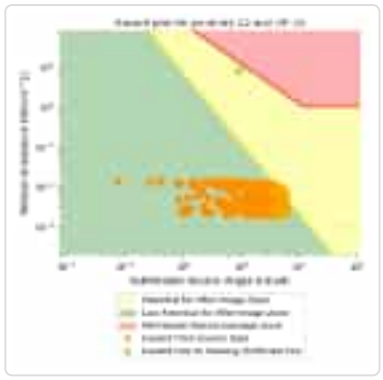
PV array 13: OP 33

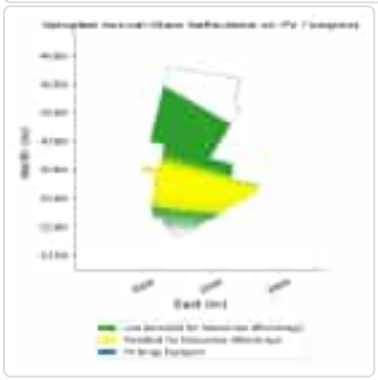
PV array is expected to produce the following glare for this receptor:

- 3,033 minutes of "green" glare with low potential to cause temporary after-image.
- 253 minutes of "yellow" glare with potential to cause temporary after-image.





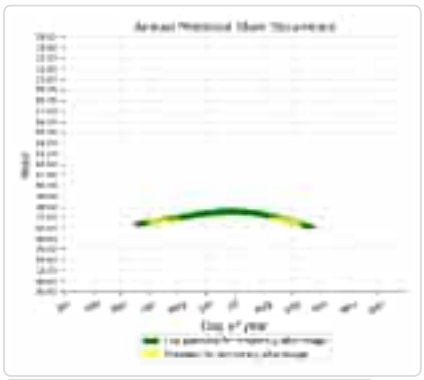


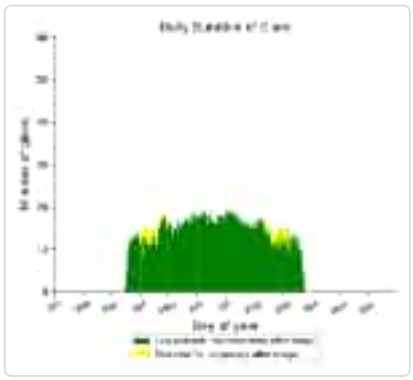


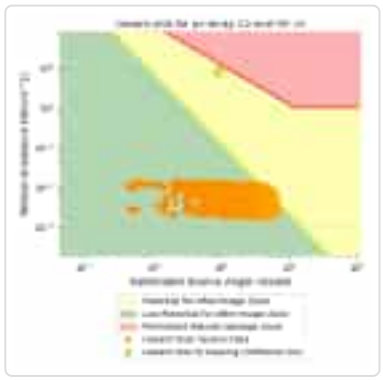
PV array 13: OP 34

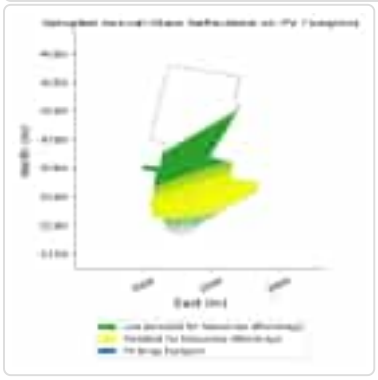
PV array is expected to produce the following glare for this receptor:

- 2,800 minutes of "green" glare with low potential to cause temporary after-image.
- 137 minutes of "yellow" glare with potential to cause temporary after-image.





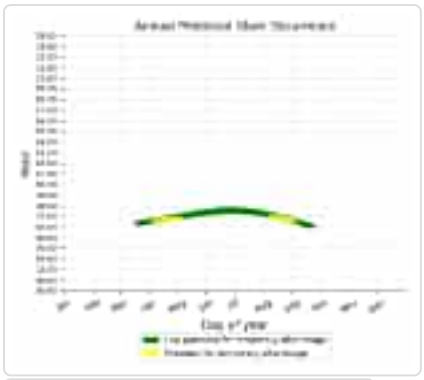


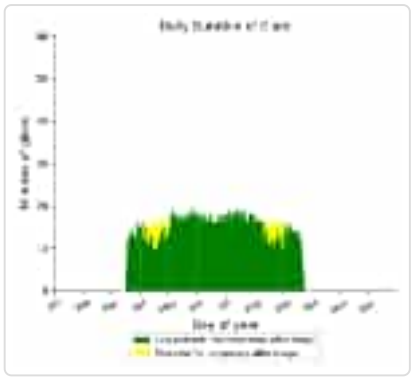


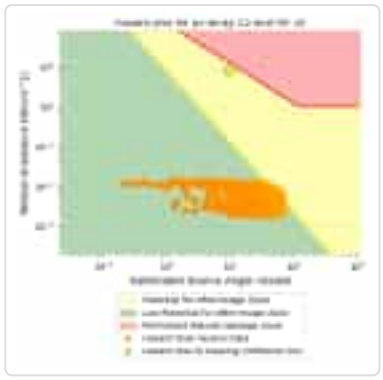
PV array 13: OP 35

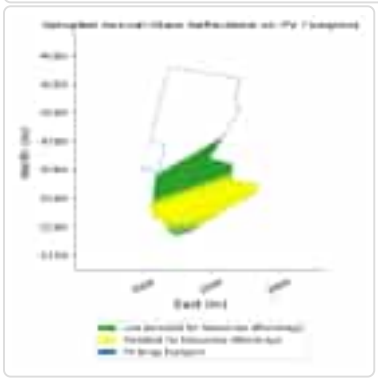
PV array is expected to produce the following glare for this receptor:

- 2,919 minutes of "green" glare with low potential to cause temporary after-image.
- 183 minutes of "yellow" glare with potential to cause temporary after-image.





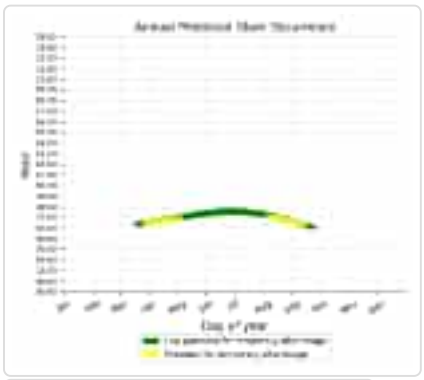


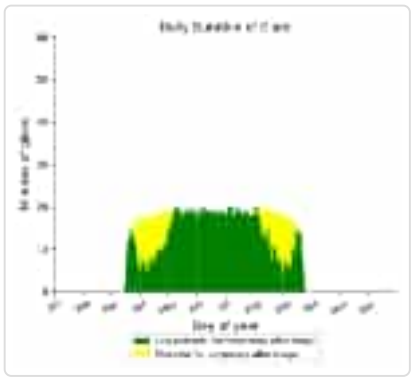


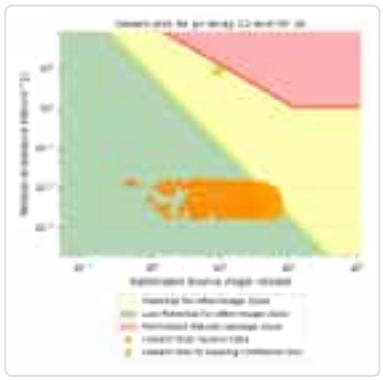
PV array 13: OP 36

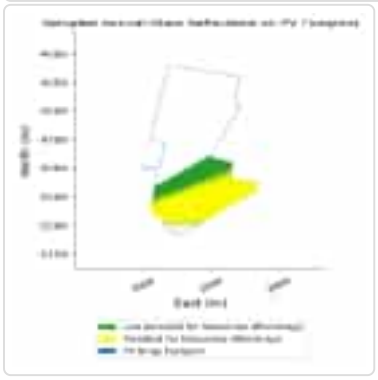
PV array is expected to produce the following glare for this receptor:

- 2,730 minutes of "green" glare with low potential to cause temporary after-image.
- 706 minutes of "yellow" glare with potential to cause temporary after-image.





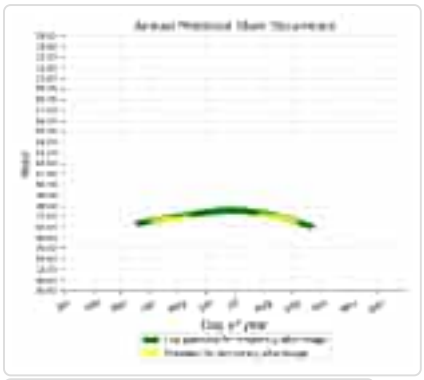


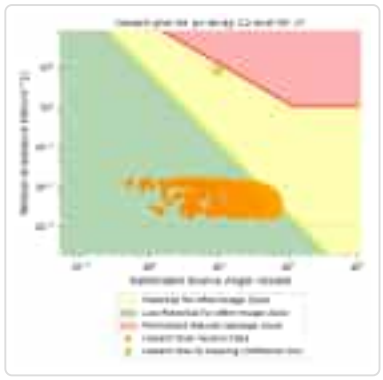


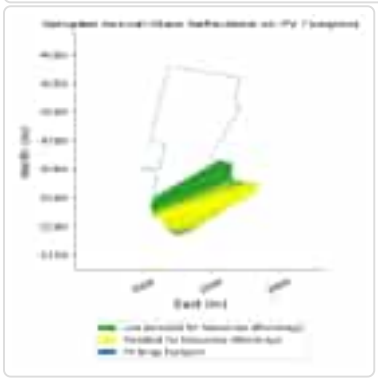
PV array 13: OP 37

PV array is expected to produce the following glare for this receptor:

- 3,175 minutes of "green" glare with low potential to cause temporary after-image.
- 251 minutes of "yellow" glare with potential to cause temporary after-image.



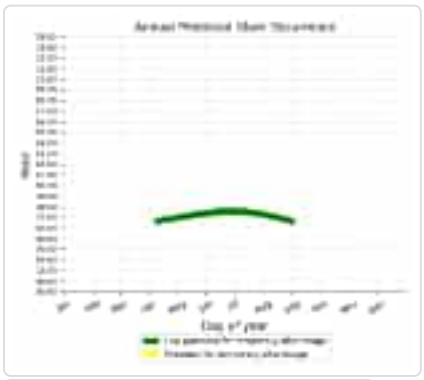


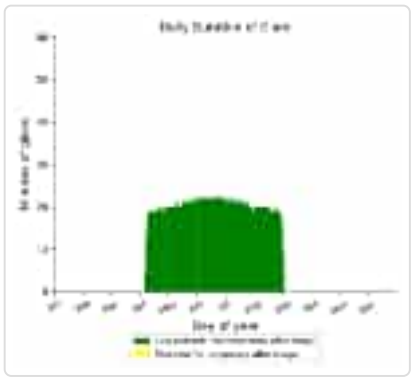


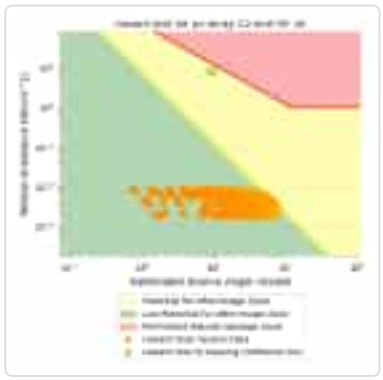
PV array 13: OP 38

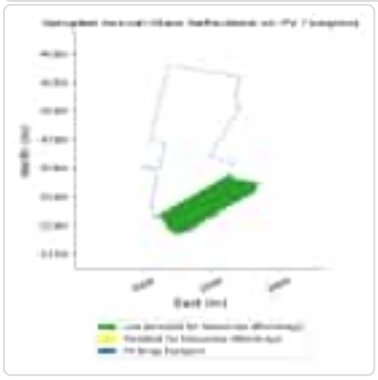
PV array is expected to produce the following glare for this receptor:

- 3,023 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





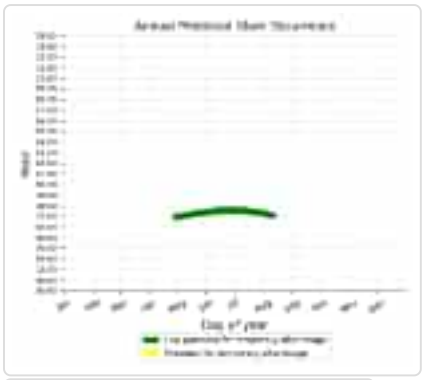


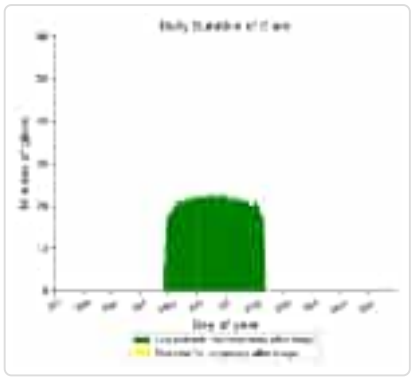


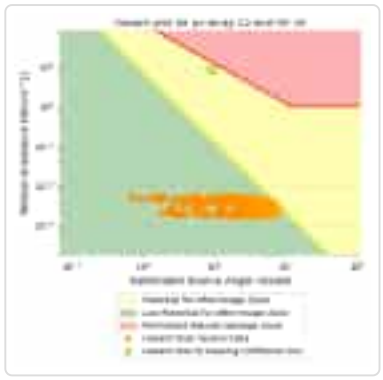
PV array 13: OP 39

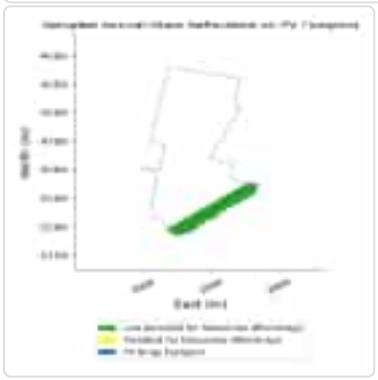
PV array is expected to produce the following glare for this receptor:

- 2,250 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





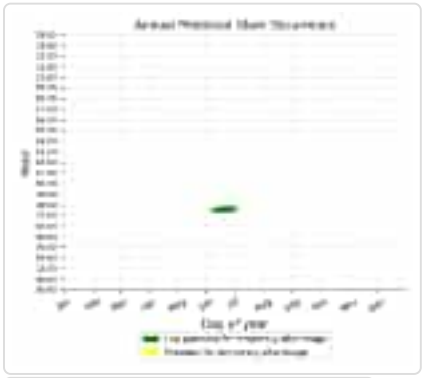


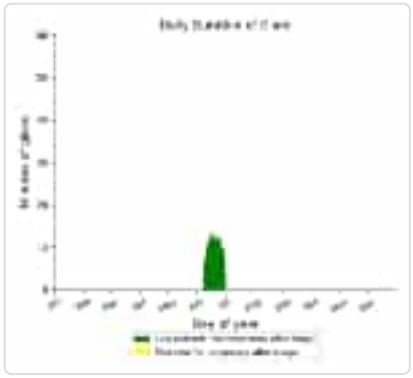


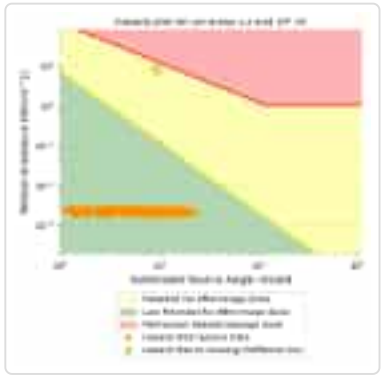
PV array 13: OP 40

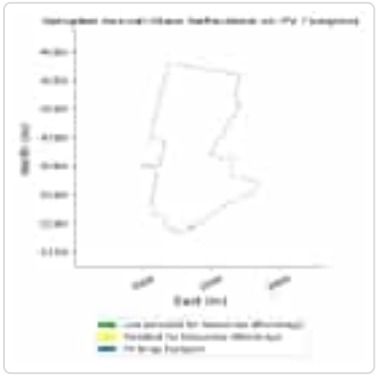
PV array is expected to produce the following glare for this receptor:

- 259 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





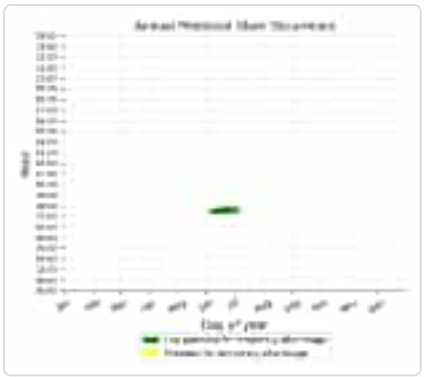


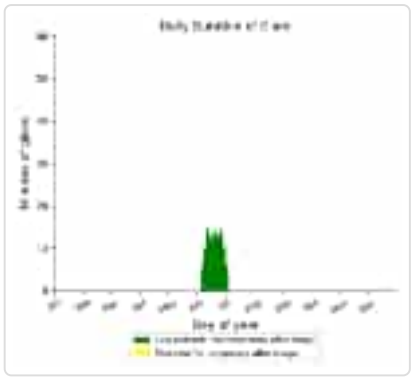


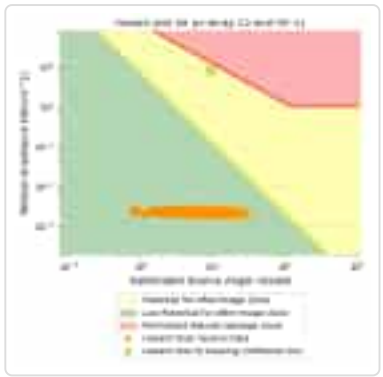
PV array 13: OP 41

PV array is expected to produce the following glare for this receptor:

- 337 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



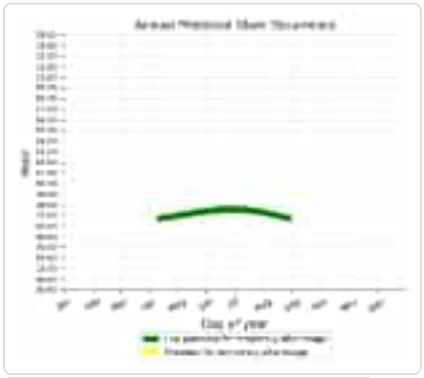


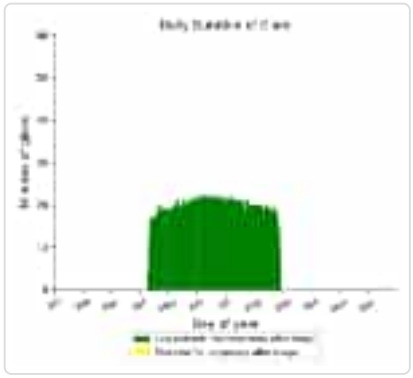


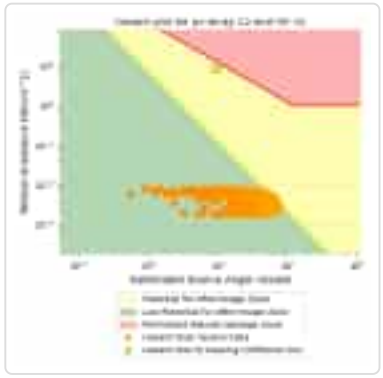
PV array 13: OP 42

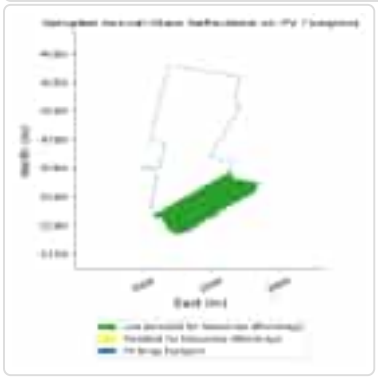
PV array is expected to produce the following glare for this receptor:

- 2,855 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





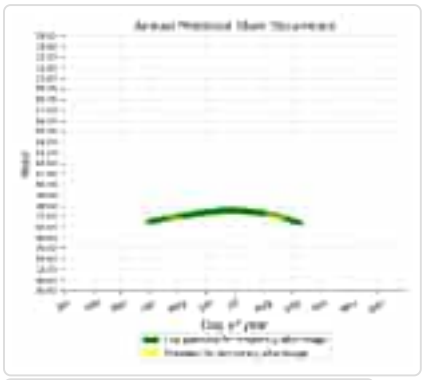


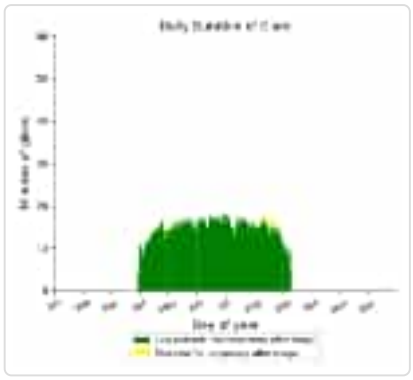


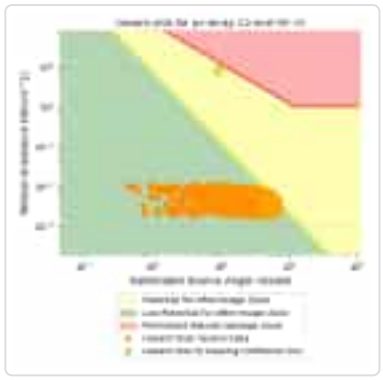
PV array 13: OP 43

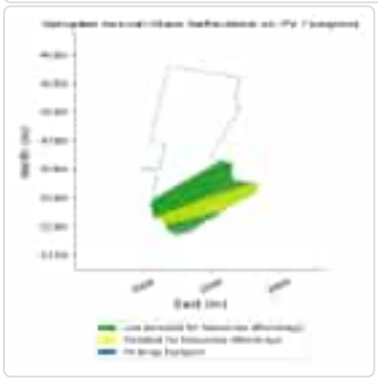
PV array is expected to produce the following glare for this receptor:

- 2,434 minutes of "green" glare with low potential to cause temporary after-image.
- 30 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14 potential temporary after-image

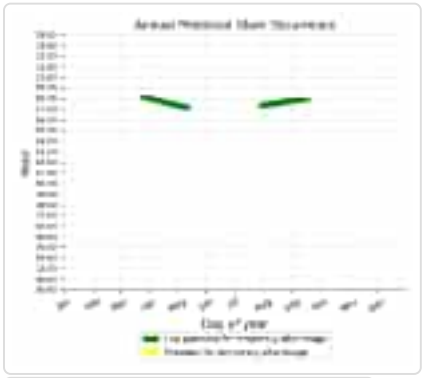
Component	Green glare (min)	Yellow glare (min)

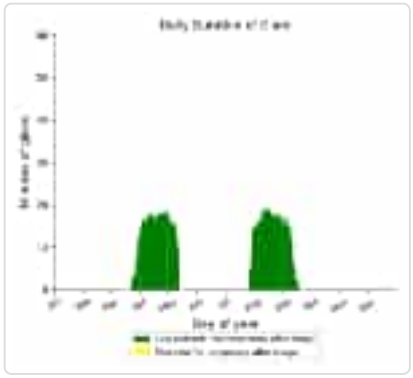
OP: OP 1	1529	0
OP: OP 2	3579	0
OP: OP 3	3460	0
OP: OP 4	2233	0
OP: OP 5	3222	0
OP: OP 6	2994	0
OP: OP 7	2941	0
OP: OP 8	1539	0
OP: OP 9	2428	0
OP: OP 10	2004	0
OP: OP 11	1890	0
OP: OP 12	1959	0
OP: OP 13	1632	0
OP: OP 14	2228	0
OP: OP 15	2659	0
OP: OP 16	1992	0
OP: OP 17	1534	0
OP: OP 18	919	0
OP: OP 19	750	0
OP: OP 20	304	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	1181	0
OP: OP 27	2566	203
OP: OP 28	2369	761
OP: OP 29	2449	441
OP: OP 30	1226	23
OP: OP 31	1802	8
OP: OP 32	2437	0
OP: OP 33	0	0
OP: OP 34	2029	0
OP: OP 35	1756	0
OP: OP 36	1874	0
OP: OP 37	1715	0
OP: OP 38	1217	0
OP: OP 39	326	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	1191	0
OP: OP 43	1298	0

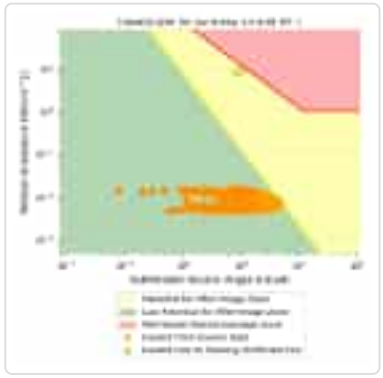
PV array 14: OP 1

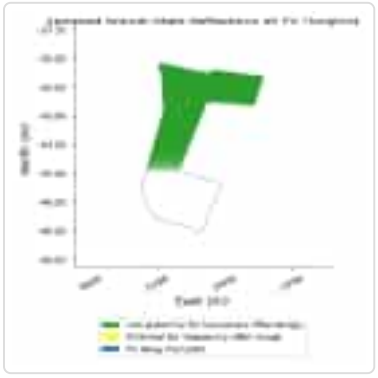
PV array is expected to produce the following glare for this receptor:

- 1,529 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





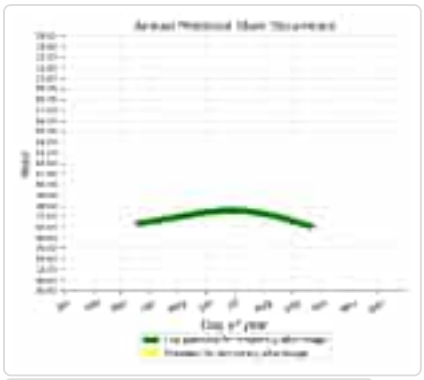


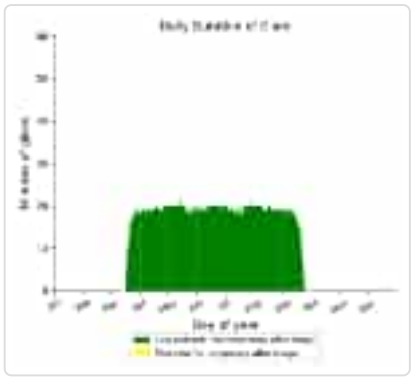


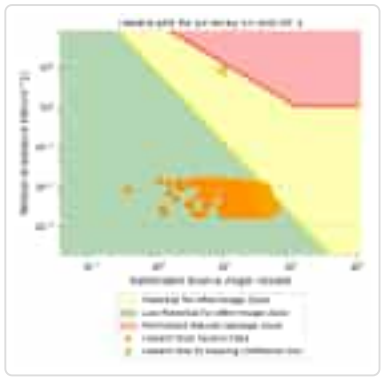
PV array 14: OP 2

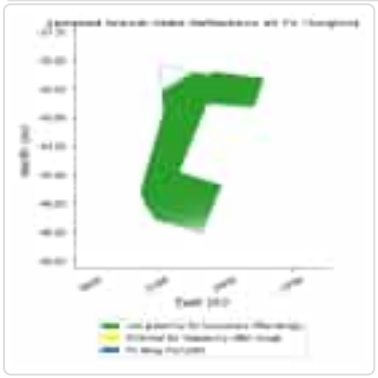
PV array is expected to produce the following glare for this receptor:

- 3,579 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





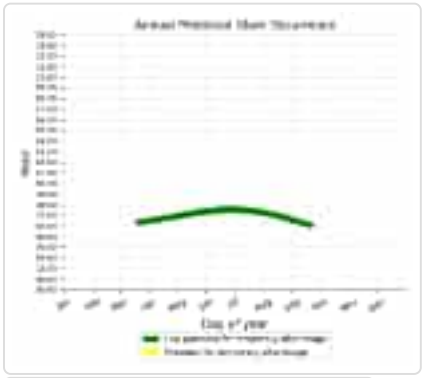


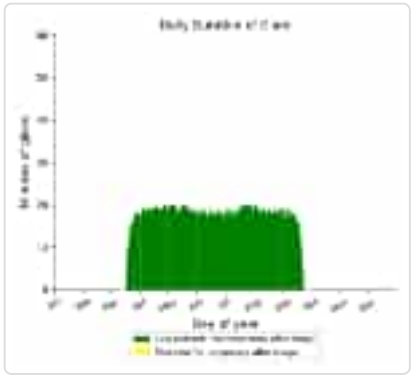


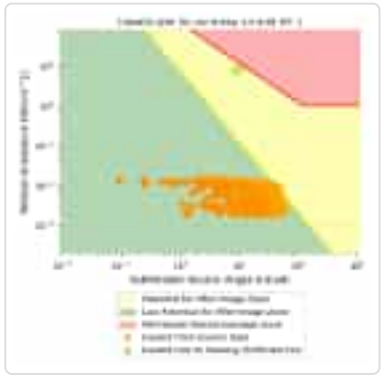
PV array 14: OP 3

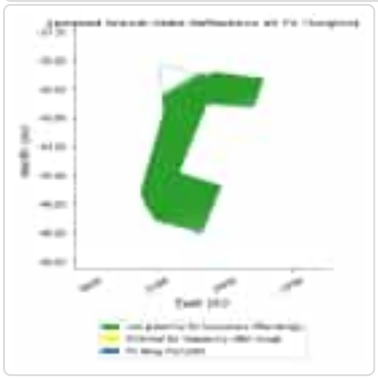
PV array is expected to produce the following glare for this receptor:

- 3,460 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





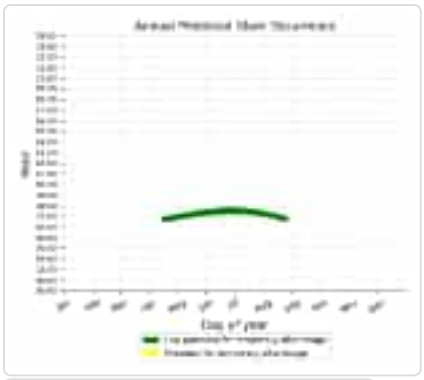


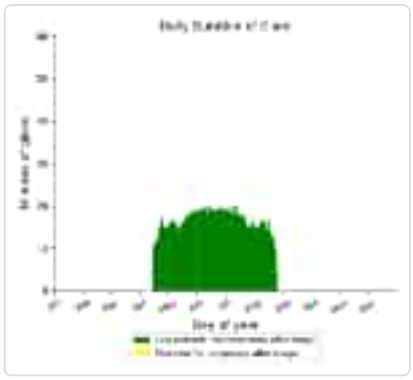


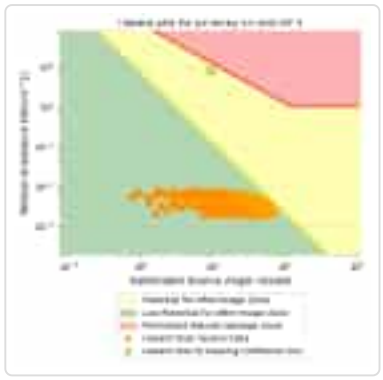
PV array 14: OP 4

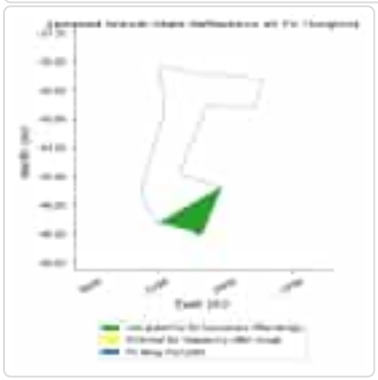
PV array is expected to produce the following glare for this receptor:

- 2,233 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





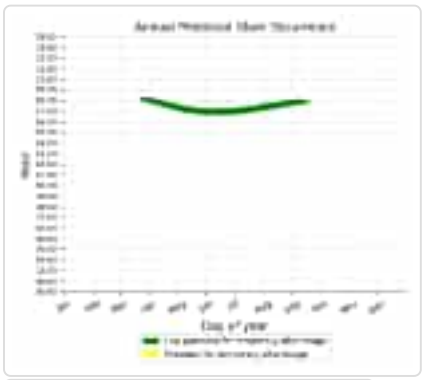


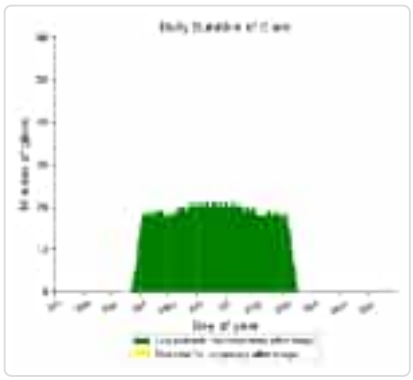


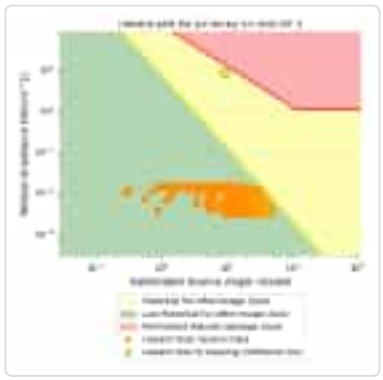
PV array 14: OP 5

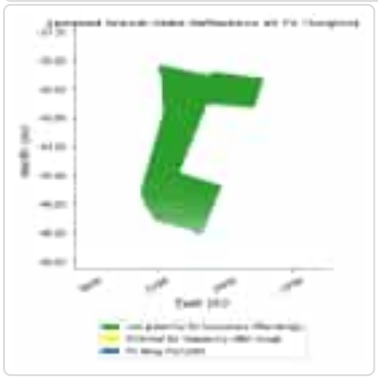
PV array is expected to produce the following glare for this receptor:

- 3,222 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





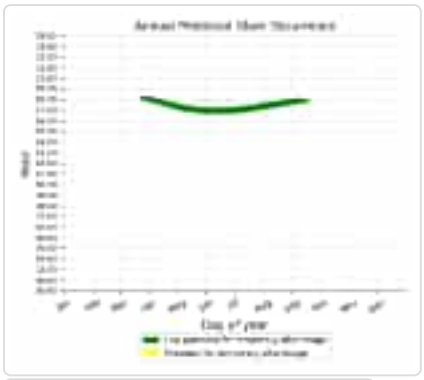


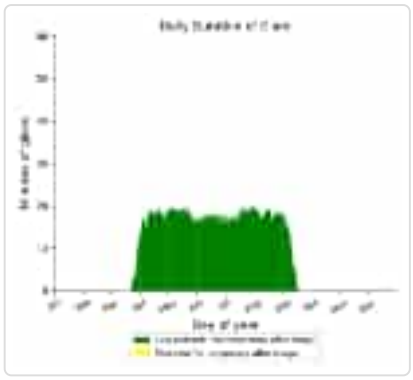


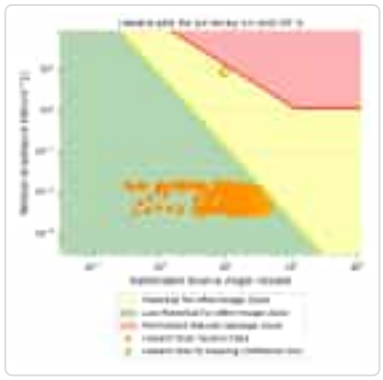
PV array 14: OP 6

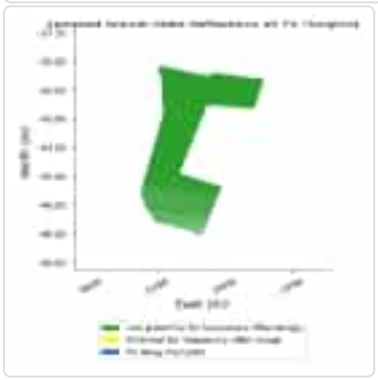
PV array is expected to produce the following glare for this receptor:

- 2,994 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





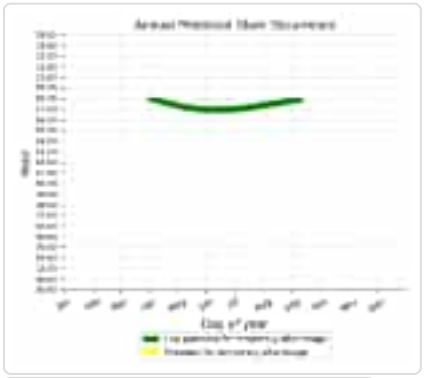


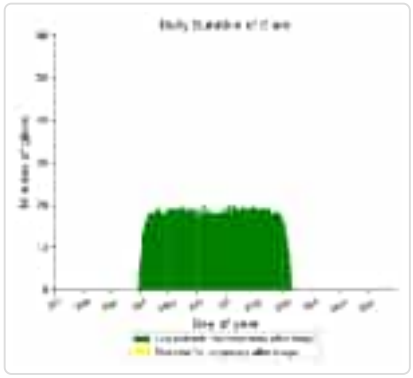


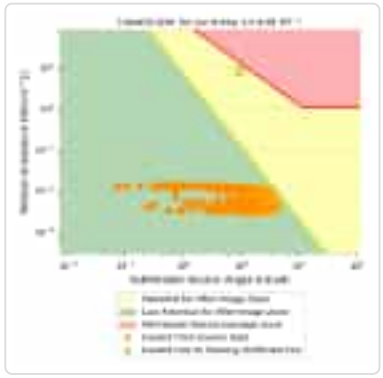
PV array 14: OP 7

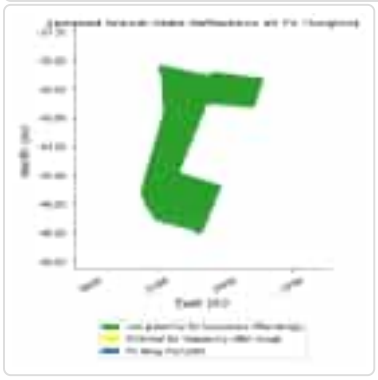
PV array is expected to produce the following glare for this receptor:

- 2,941 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





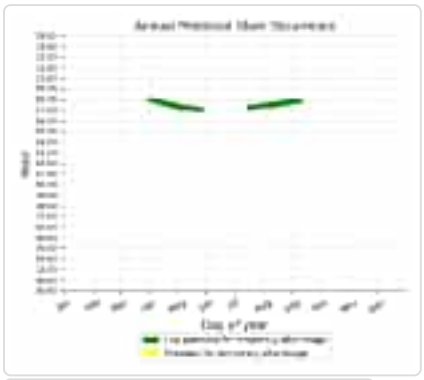


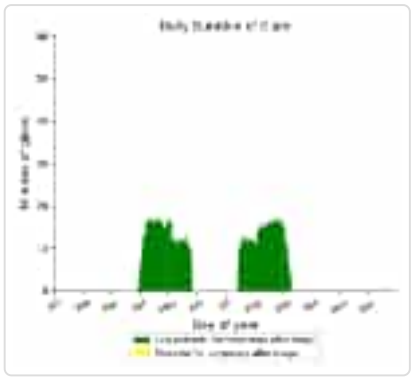


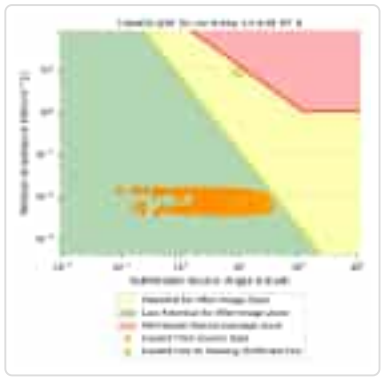
PV array 14: OP 8

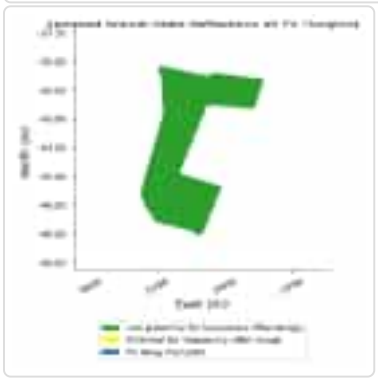
PV array is expected to produce the following glare for this receptor:

- 1,539 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





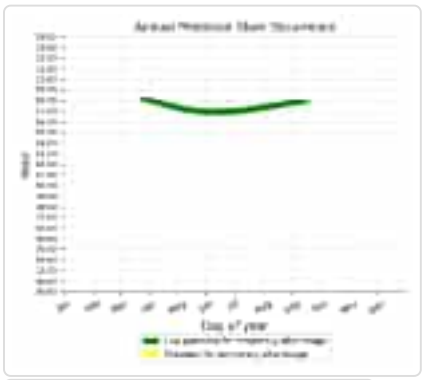


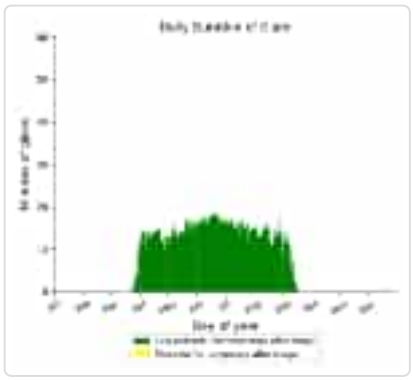


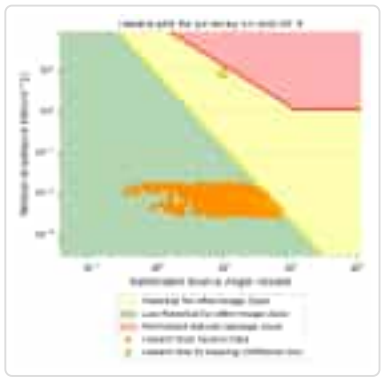
PV array 14: OP 9

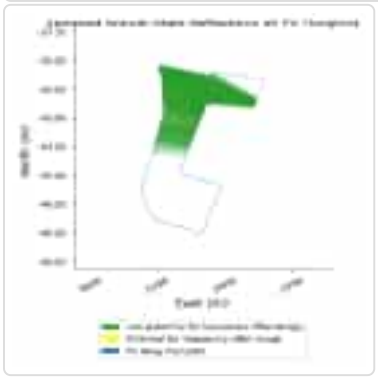
PV array is expected to produce the following glare for this receptor:

- 2,428 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





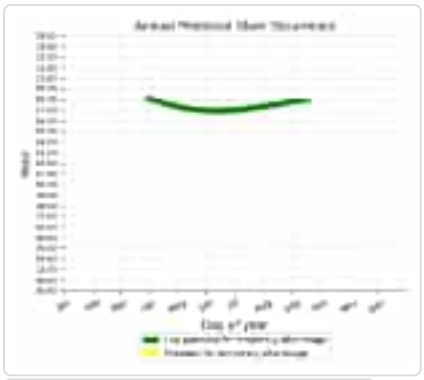


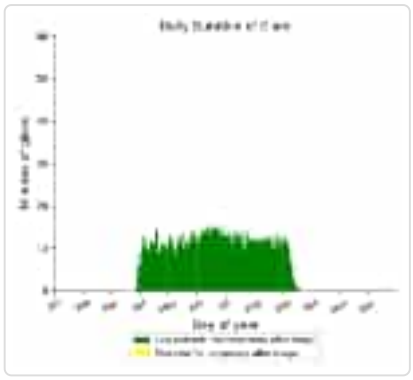


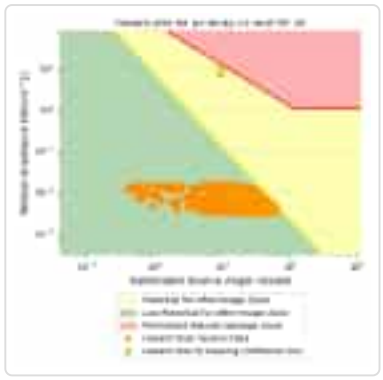
PV array 14: OP 10

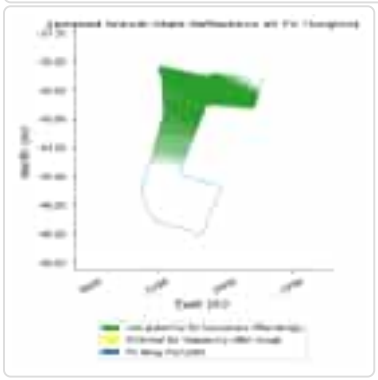
PV array is expected to produce the following glare for this receptor:

- 2,004 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





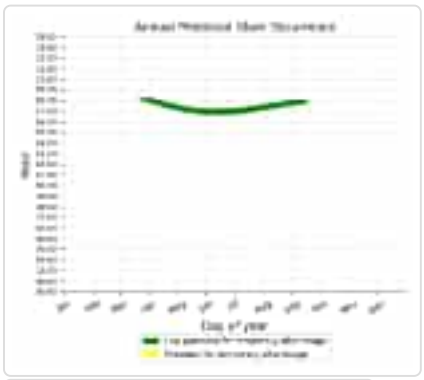


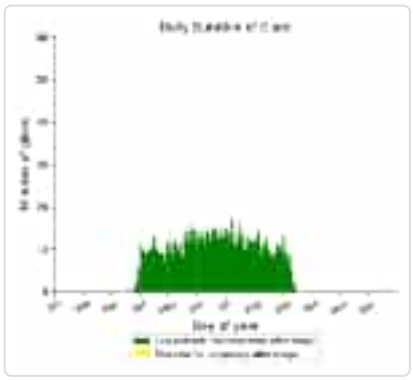


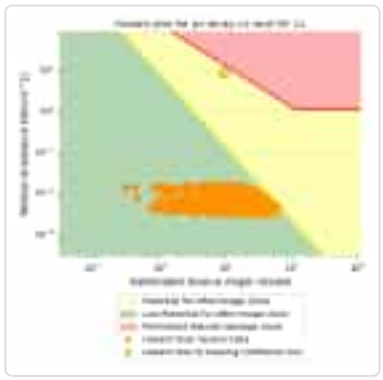
PV array 14: OP 11

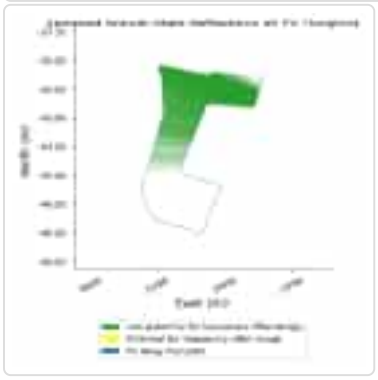
PV array is expected to produce the following glare for this receptor:

- 1,890 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





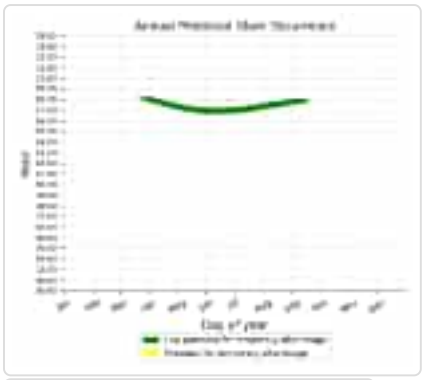


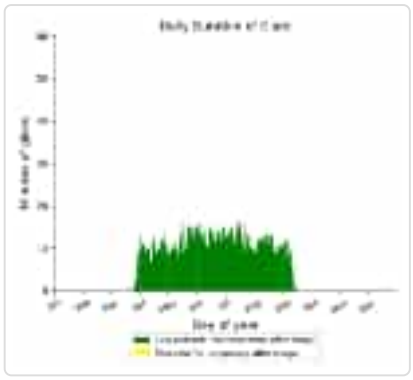


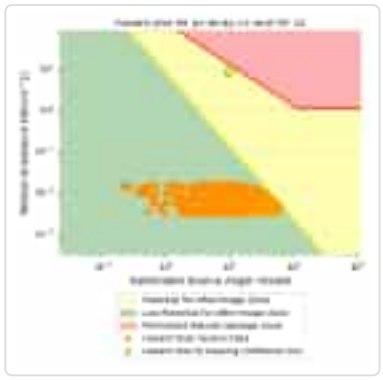
PV array 14: OP 12

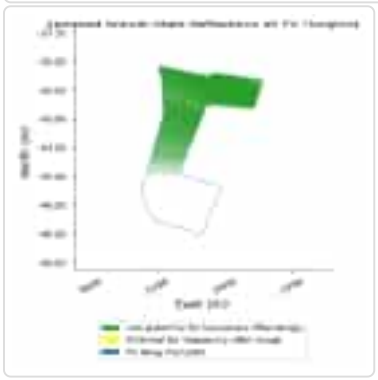
PV array is expected to produce the following glare for this receptor:

- 1,959 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





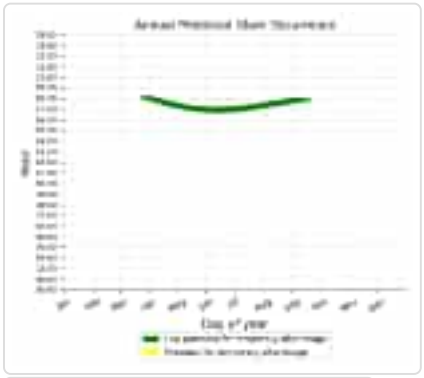


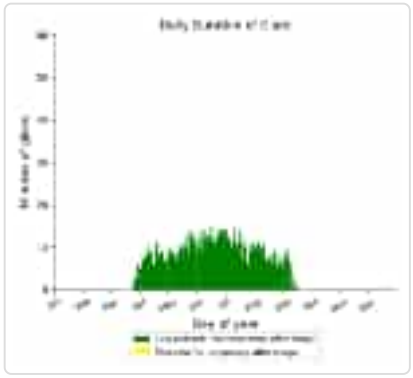


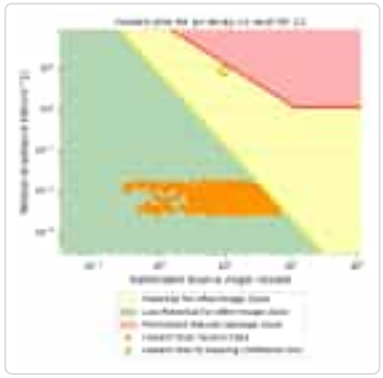
PV array 14: OP 13

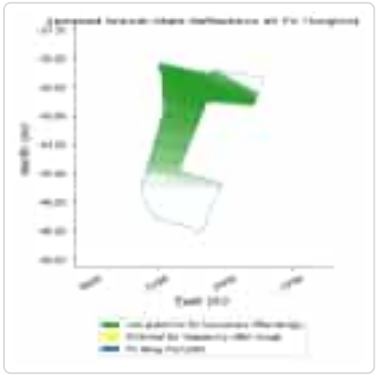
PV array is expected to produce the following glare for this receptor:

- 1,632 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





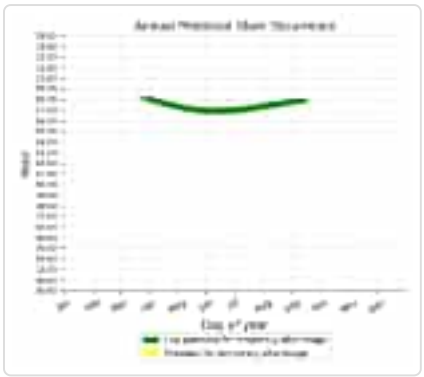


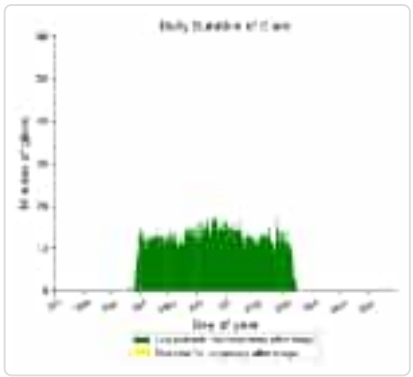


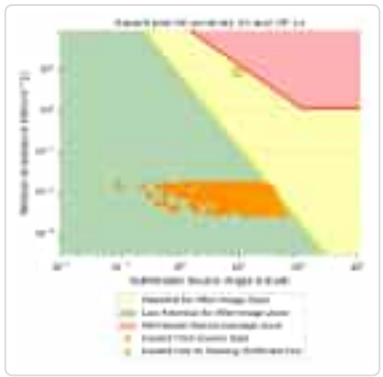
PV array 14: OP 14

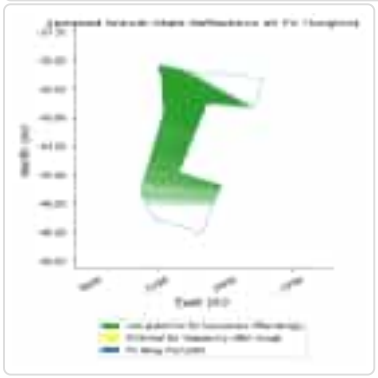
PV array is expected to produce the following glare for this receptor:

- 2,228 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





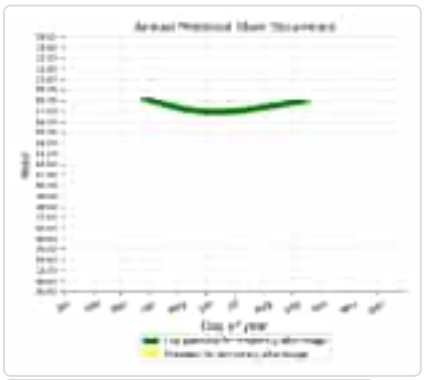


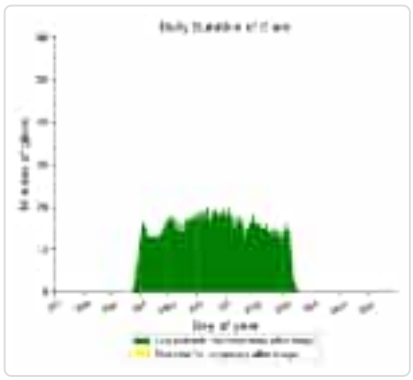


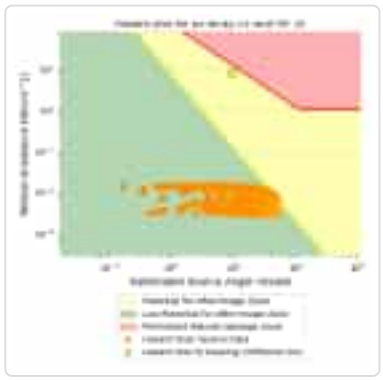
PV array 14: OP 15

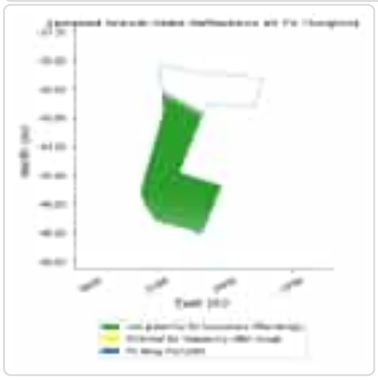
PV array is expected to produce the following glare for this receptor:

- 2,659 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





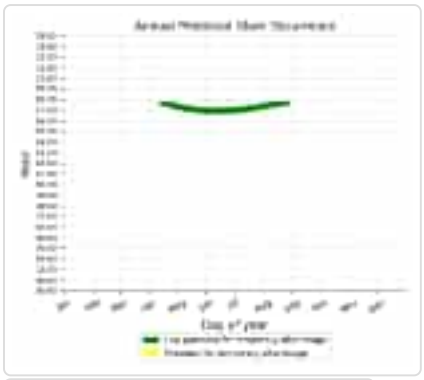


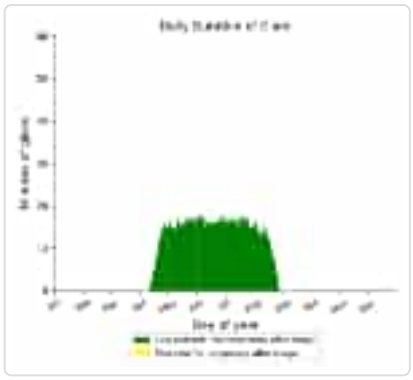


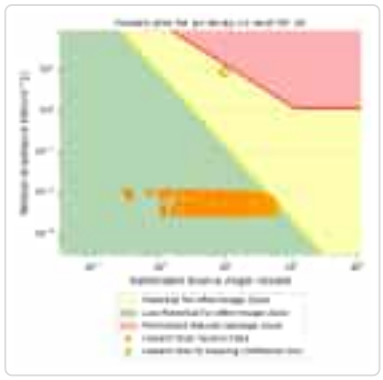
PV array 14: OP 16

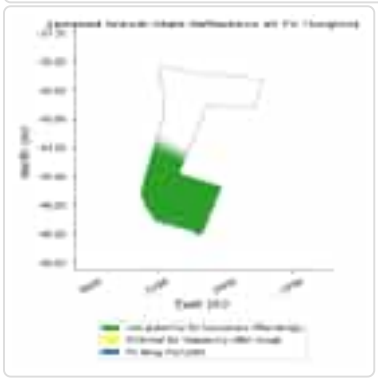
PV array is expected to produce the following glare for this receptor:

- 1,992 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





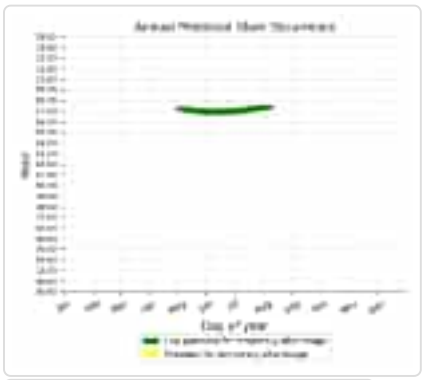


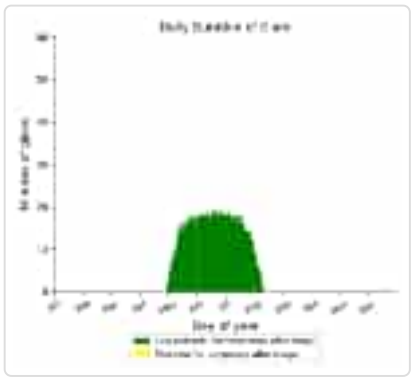


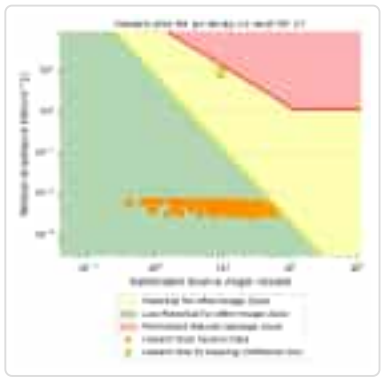
PV array 14: OP 17

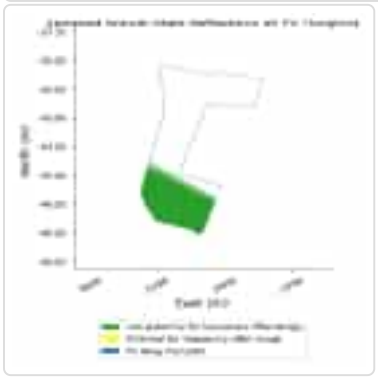
PV array is expected to produce the following glare for this receptor:

- 1,534 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





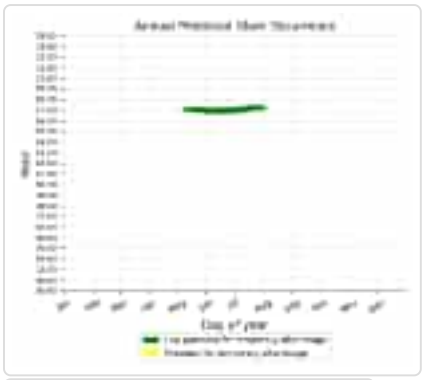


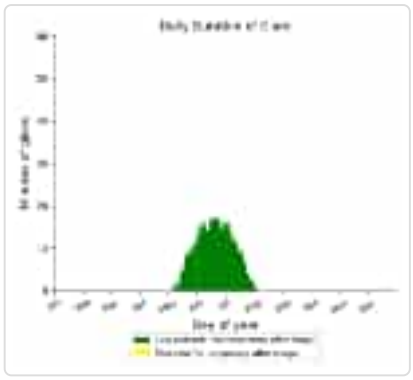


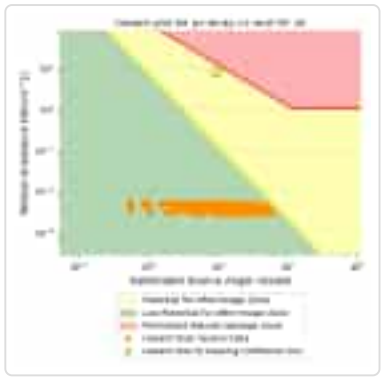
PV array 14: OP 18

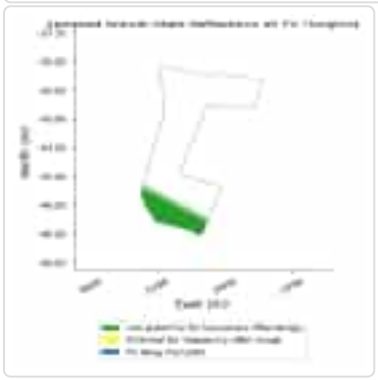
PV array is expected to produce the following glare for this receptor:

- 919 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





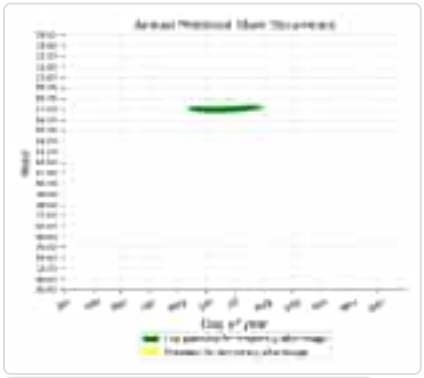


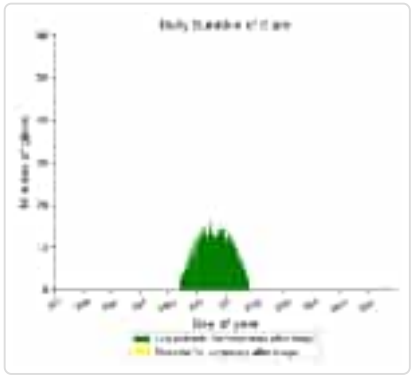


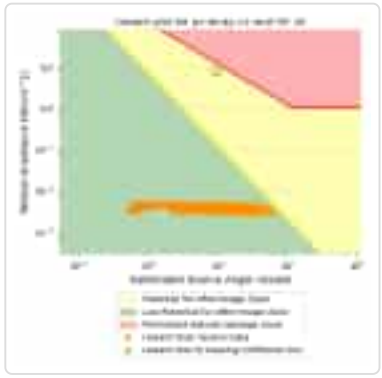
PV array 14: OP 19

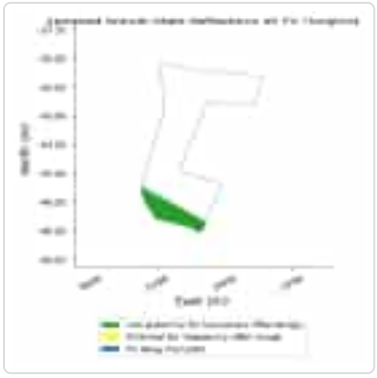
PV array is expected to produce the following glare for this receptor:

- 750 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





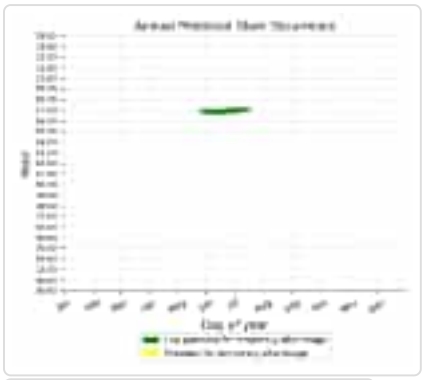


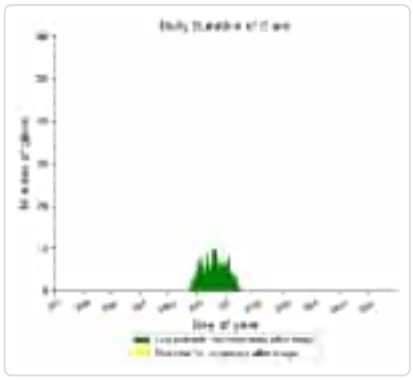


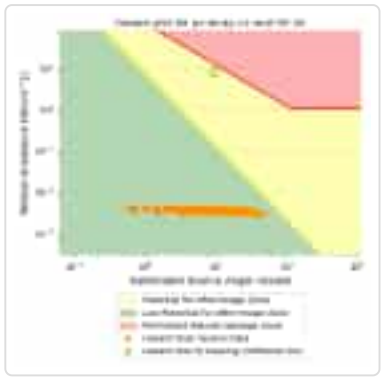
PV array 14: OP 20

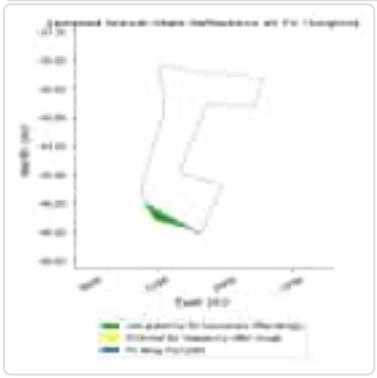
PV array is expected to produce the following glare for this receptor:

- 304 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14: OP 21

No glare found

PV array 14: OP 22

No glare found

PV array 14: OP 23

No glare found

PV array 14: OP 24

No glare found

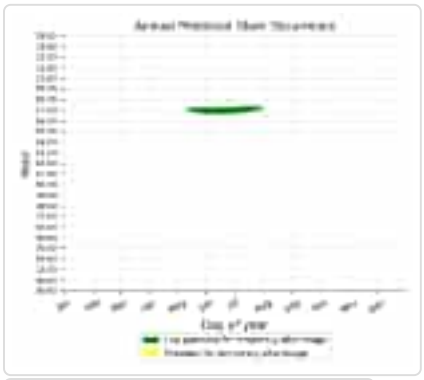
PV array 14: OP 25

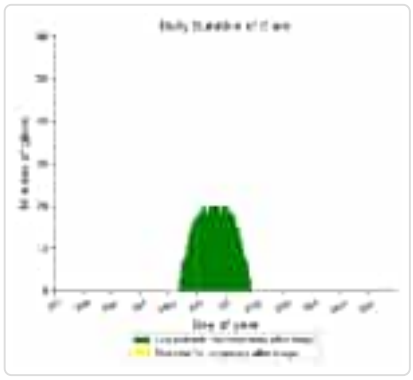
No glare found

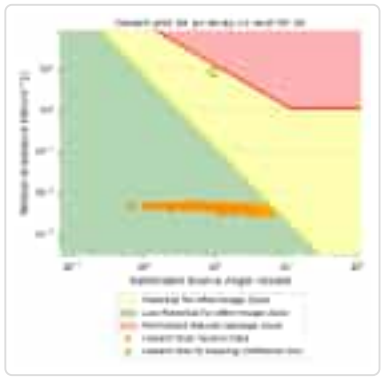
PV array 14: OP 26

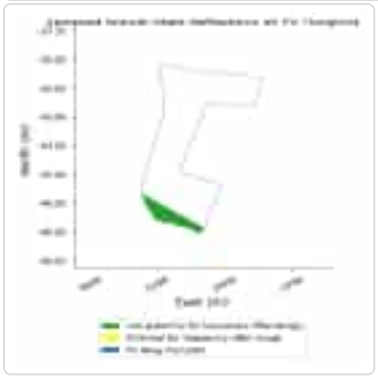
PV array is expected to produce the following glare for this receptor:

- 1,181 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





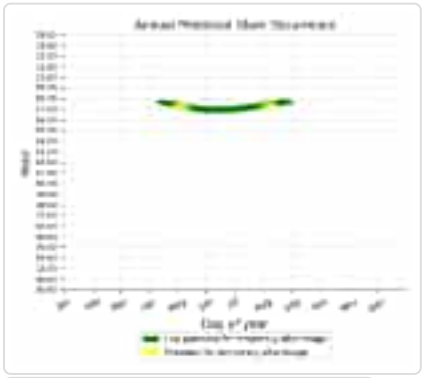


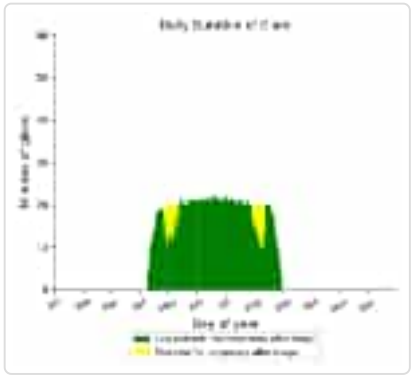


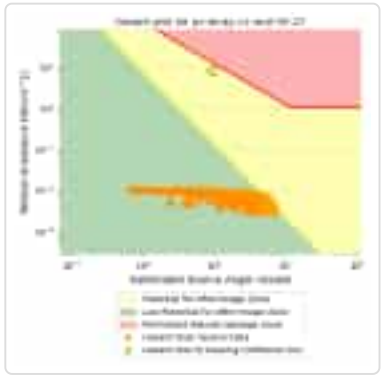
PV array 14: OP 27

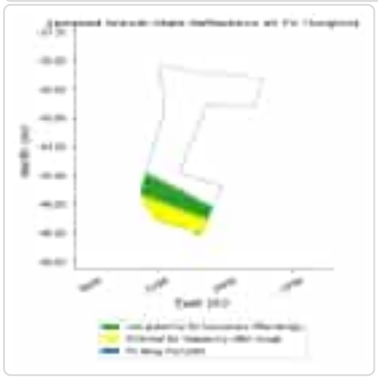
PV array is expected to produce the following glare for this receptor:

- 2,566 minutes of "green" glare with low potential to cause temporary after-image.
- 203 minutes of "yellow" glare with potential to cause temporary after-image.





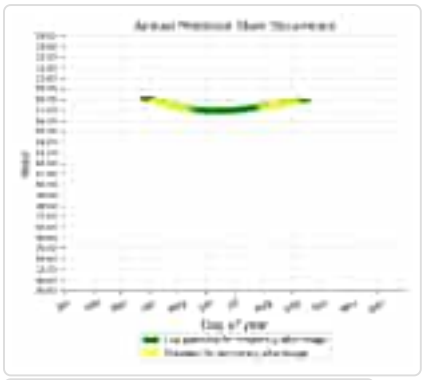


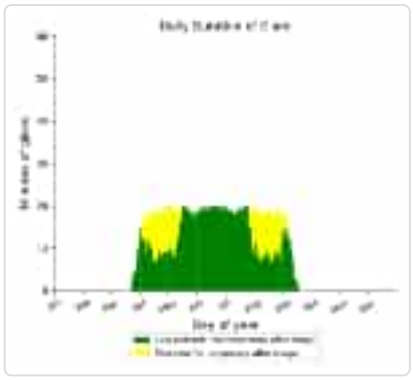


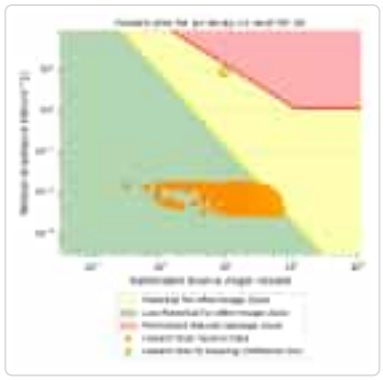
PV array 14: OP 28

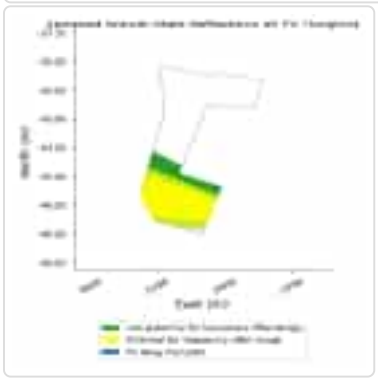
PV array is expected to produce the following glare for this receptor:

- 2,369 minutes of "green" glare with low potential to cause temporary after-image.
- 761 minutes of "yellow" glare with potential to cause temporary after-image.





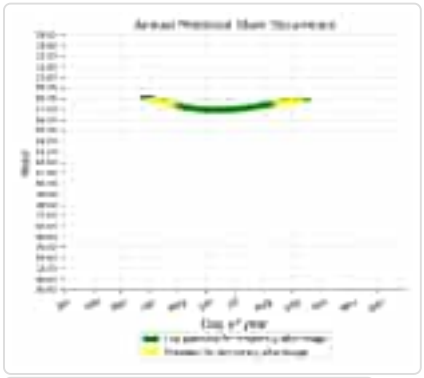


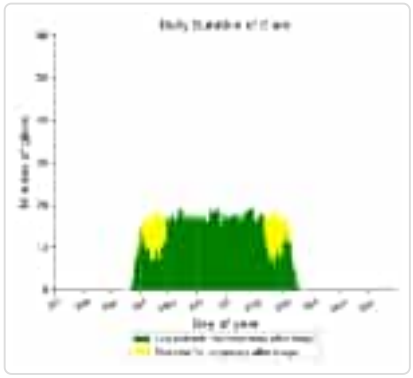


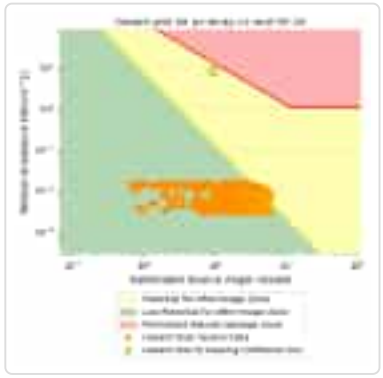
PV array 14: OP 29

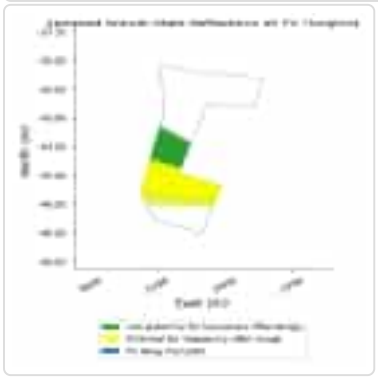
PV array is expected to produce the following glare for this receptor:

- 2,449 minutes of "green" glare with low potential to cause temporary after-image.
- 441 minutes of "yellow" glare with potential to cause temporary after-image.





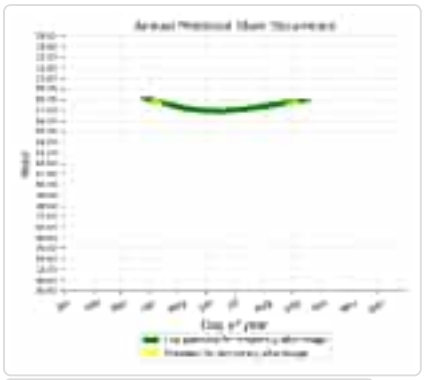


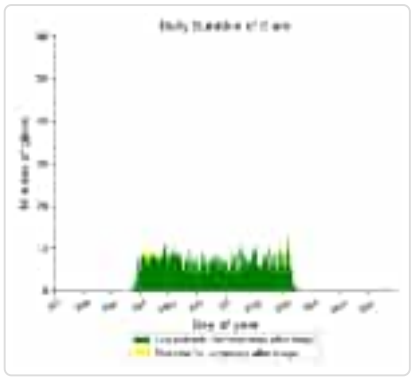


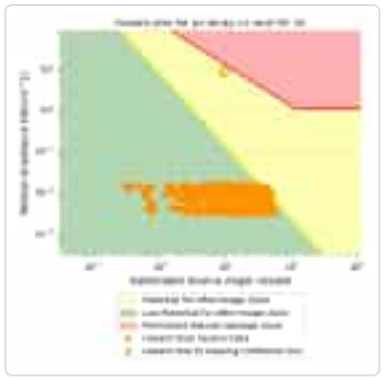
PV array 14: OP 30

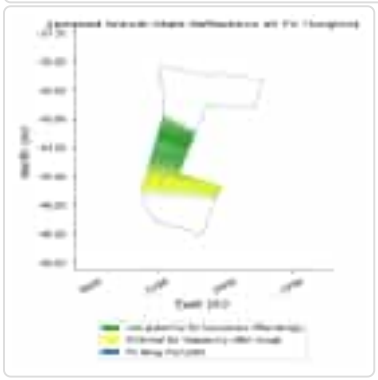
PV array is expected to produce the following glare for this receptor:

- 1,226 minutes of "green" glare with low potential to cause temporary after-image.
- 23 minutes of "yellow" glare with potential to cause temporary after-image.





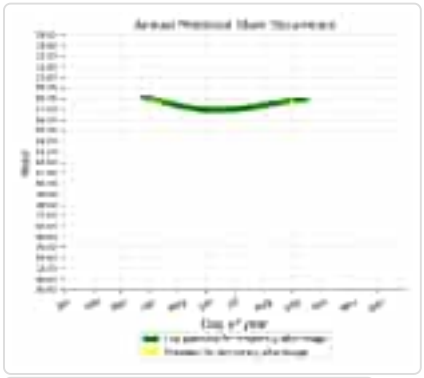


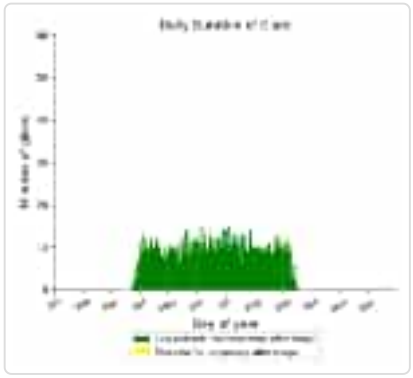


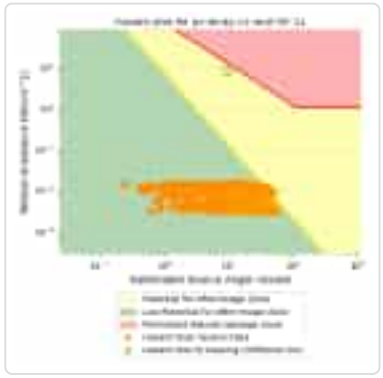
PV array 14: OP 31

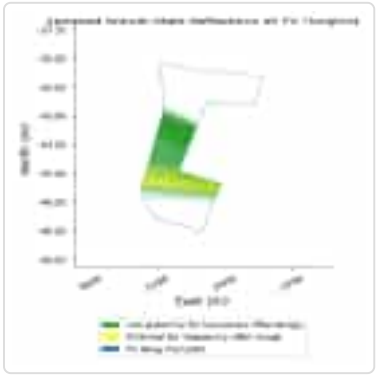
PV array is expected to produce the following glare for this receptor:

- 1,802 minutes of "green" glare with low potential to cause temporary after-image.
- 8 minutes of "yellow" glare with potential to cause temporary after-image.





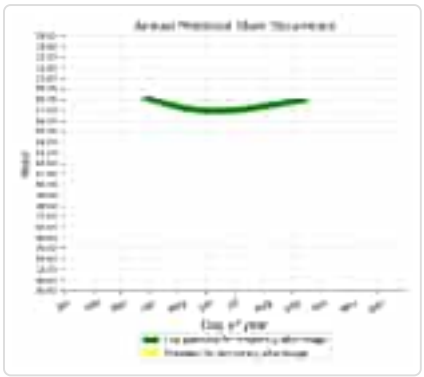


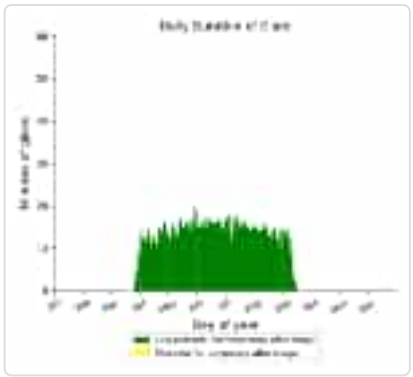


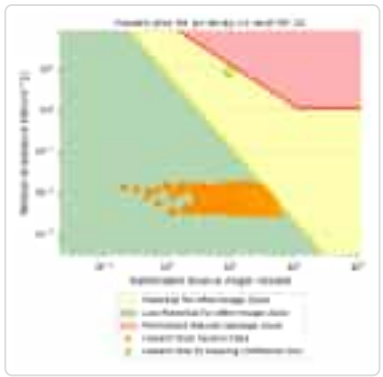
PV array 14: OP 32

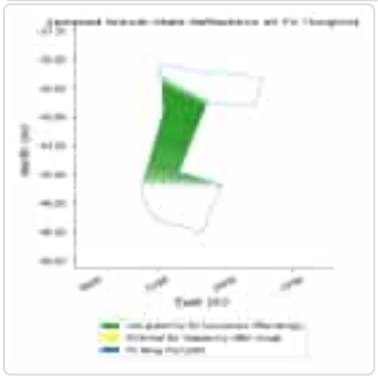
PV array is expected to produce the following glare for this receptor:

- 2,437 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









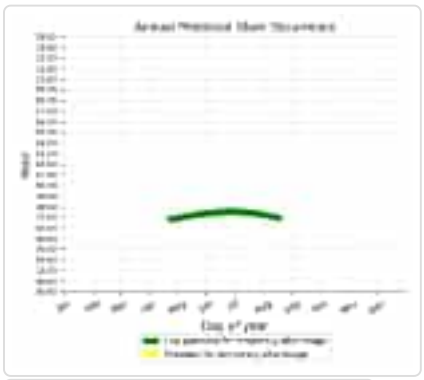
PV array 14: OP 33

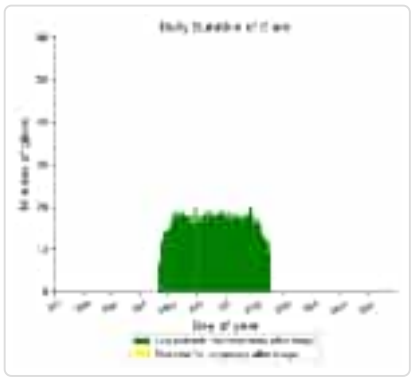
No glare found

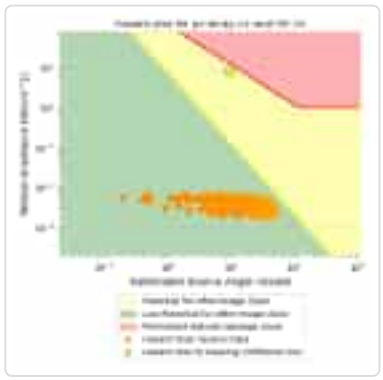
PV array 14: OP 34

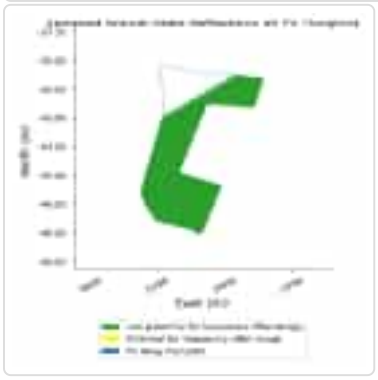
PV array is expected to produce the following glare for this receptor:

- 2,029 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





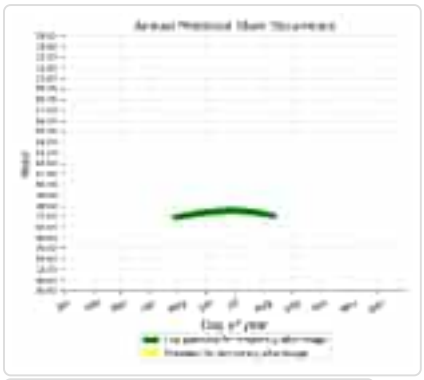


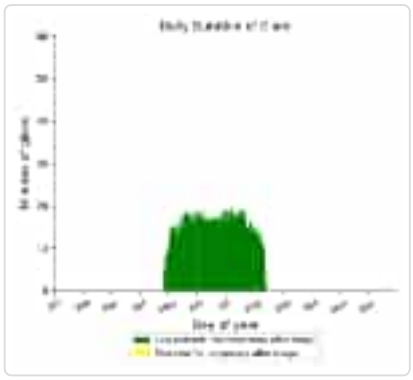


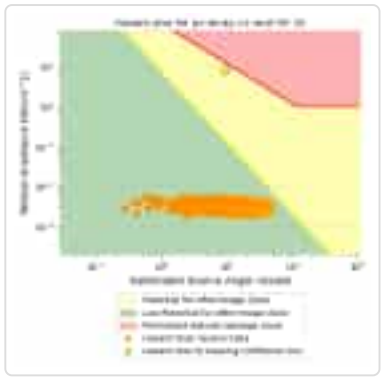
PV array 14: OP 35

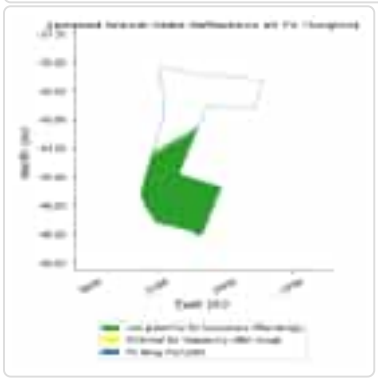
PV array is expected to produce the following glare for this receptor:

- 1,756 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





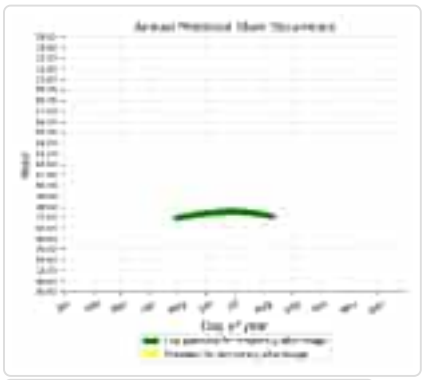


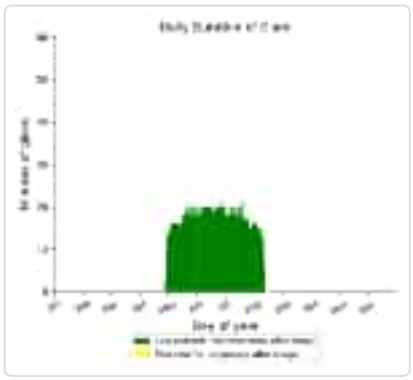


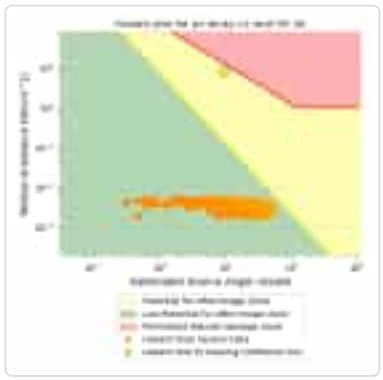
PV array 14: OP 36

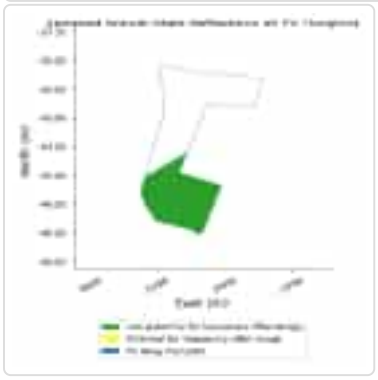
PV array is expected to produce the following glare for this receptor:

- 1,874 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





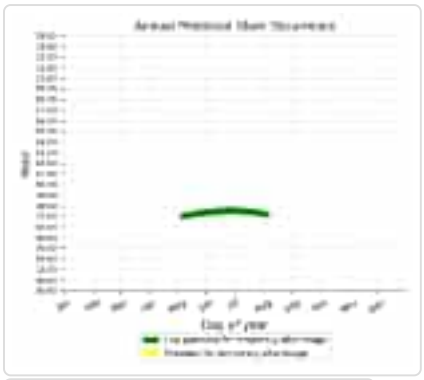


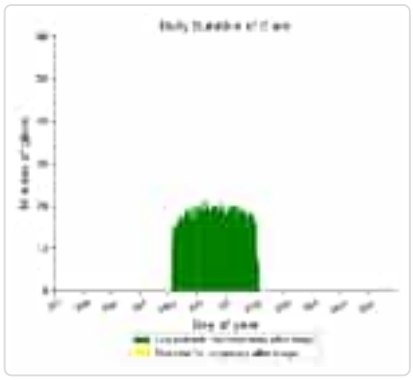


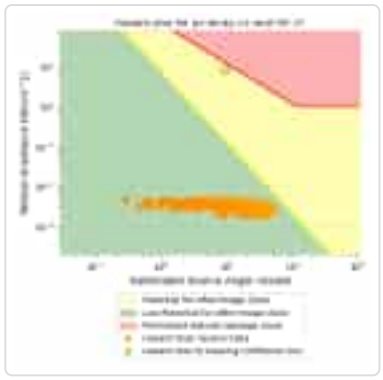
PV array 14: OP 37

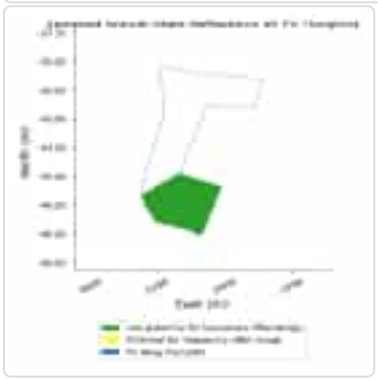
PV array is expected to produce the following glare for this receptor:

- 1,715 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





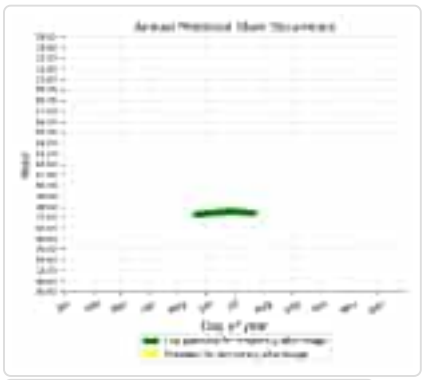


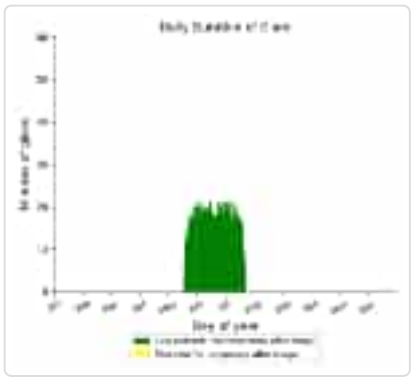


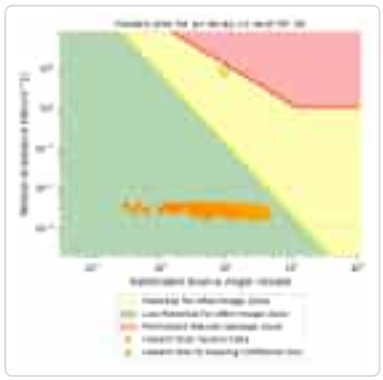
PV array 14: OP 38

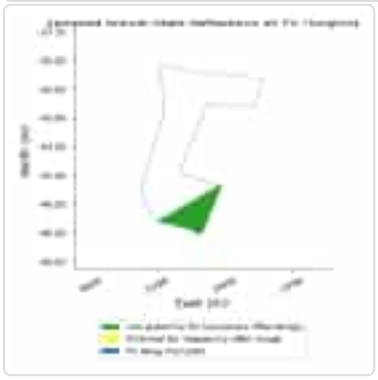
PV array is expected to produce the following glare for this receptor:

- 1,217 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





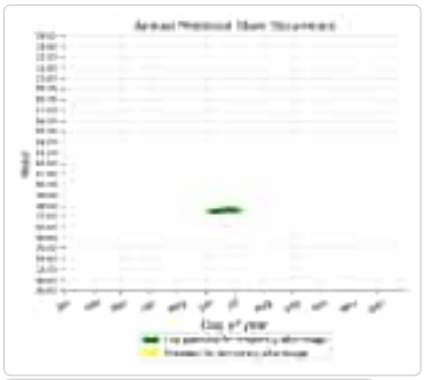


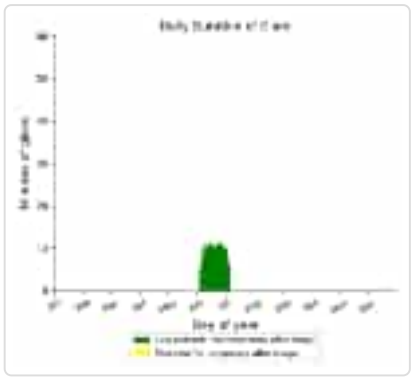


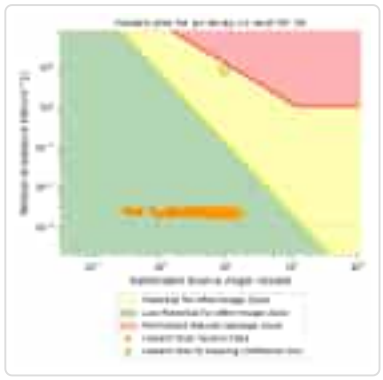
PV array 14: OP 39

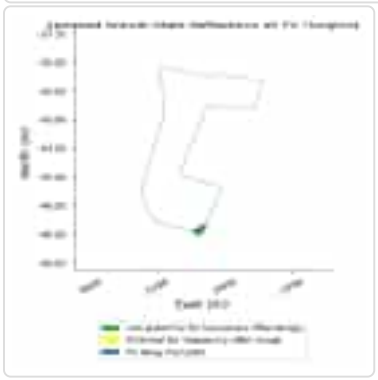
PV array is expected to produce the following glare for this receptor:

- 326 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14: OP 40

No glare found

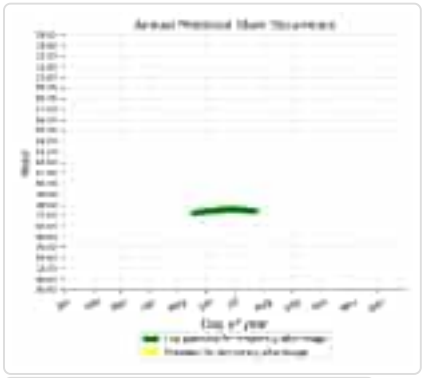
PV array 14: OP 41

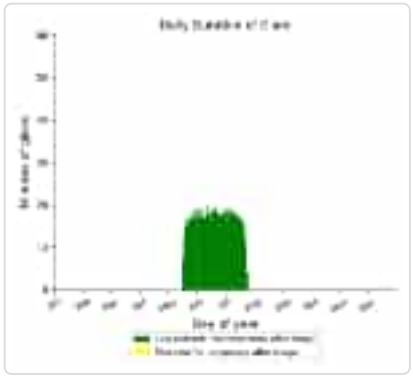
No glare found

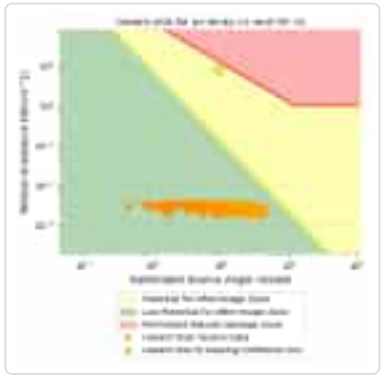
PV array 14: OP 42

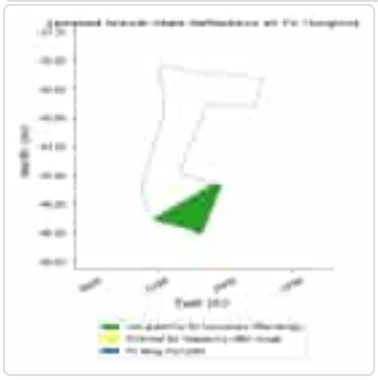
PV array is expected to produce the following glare for this receptor:

- 1,191 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





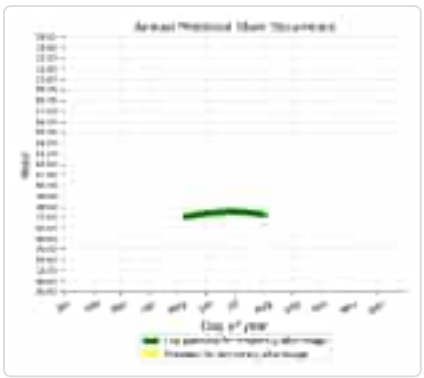


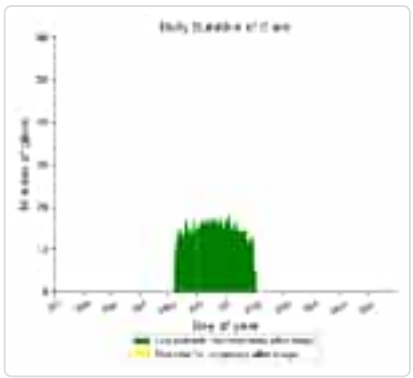


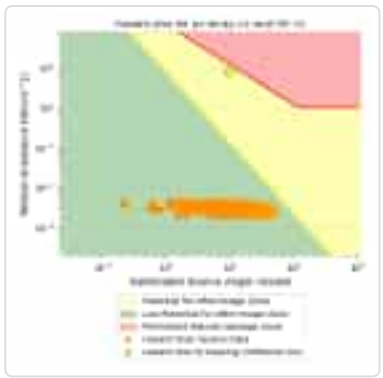
PV array 14: OP 43

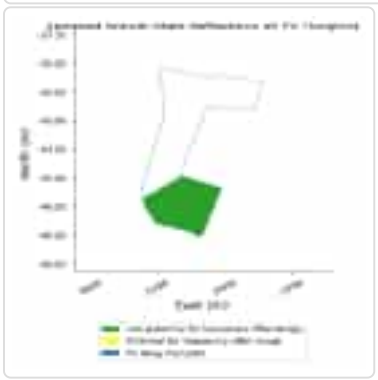
PV array is expected to produce the following glare for this receptor:

- 1,298 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	865	0
OP: OP 3	922	0
OP: OP 4	3220	49
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	480	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	395	0
OP: OP 14	793	0
OP: OP 15	1579	0
OP: OP 16	2843	0
OP: OP 17	2496	0
OP: OP 18	2599	0
OP: OP 19	2755	0
OP: OP 20	2645	0
OP: OP 21	273	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	2527	27
OP: OP 27	1958	74
OP: OP 28	2861	389
OP: OP 29	2533	578
OP: OP 30	1149	221
OP: OP 31	1305	96
OP: OP 32	478	0
OP: OP 33	0	0
OP: OP 34	1035	0
OP: OP 35	1080	0
OP: OP 36	1497	0
OP: OP 37	1673	0
OP: OP 38	1702	0
OP: OP 39	1434	0
OP: OP 40	857	0
OP: OP 41	920	0
OP: OP 42	1738	0
OP: OP 43	1662	0

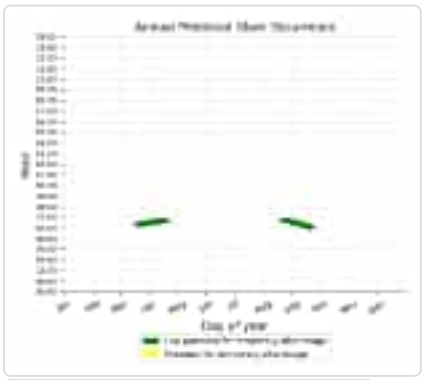
PV array 15: OP 1

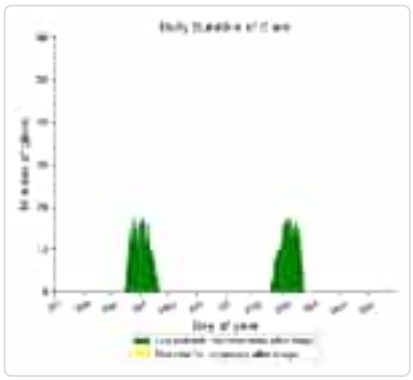
No glare found

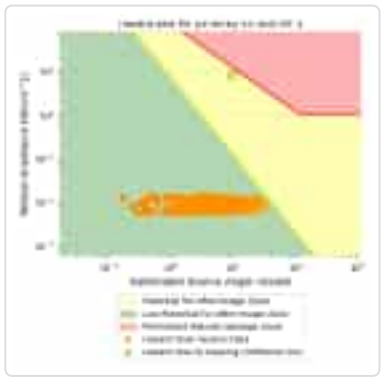
PV array 15: OP 2

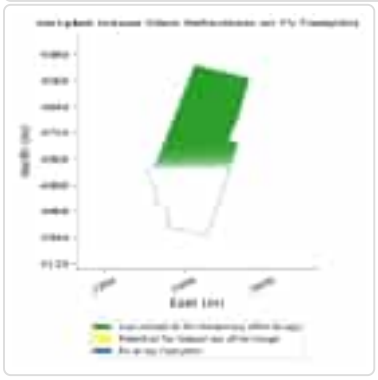
PV array is expected to produce the following glare for this receptor:

- 865 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





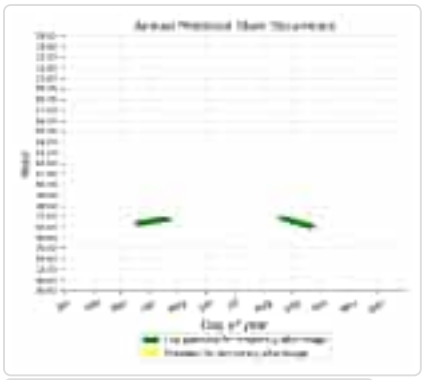


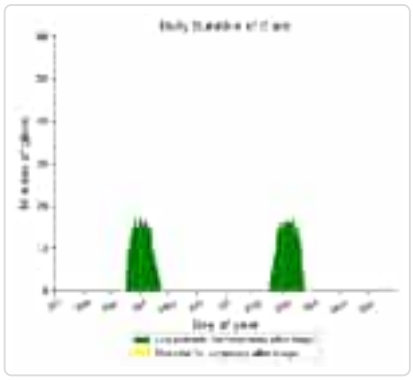


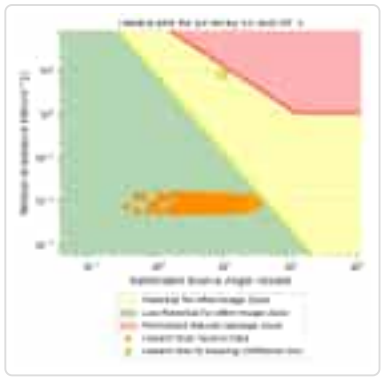
PV array 15: OP 3

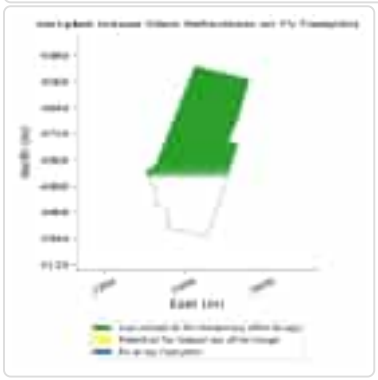
PV array is expected to produce the following glare for this receptor:

- 922 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





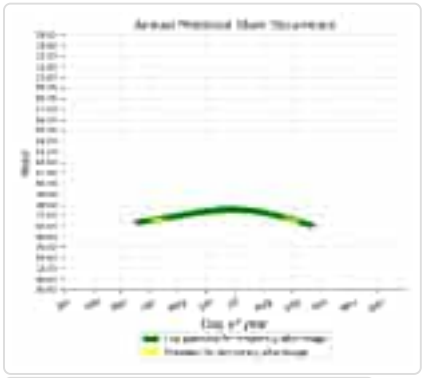


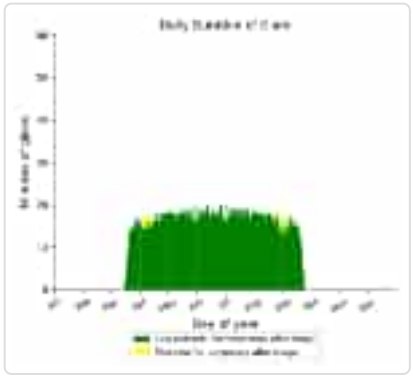


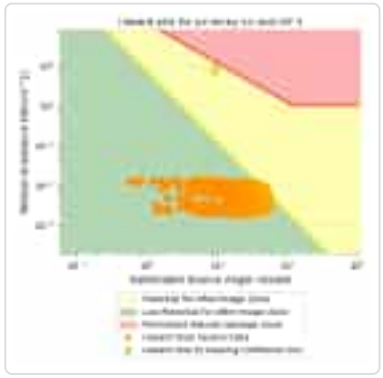
PV array 15: OP 4

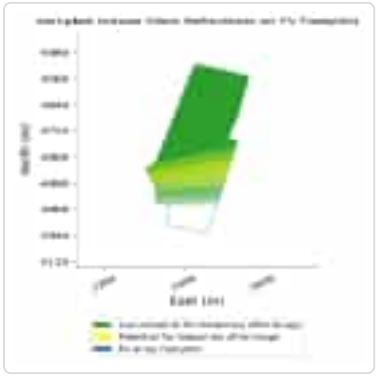
PV array is expected to produce the following glare for this receptor:

- 3,220 minutes of "green" glare with low potential to cause temporary after-image.
- 49 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 5

No glare found

PV array 15: OP 6

No glare found

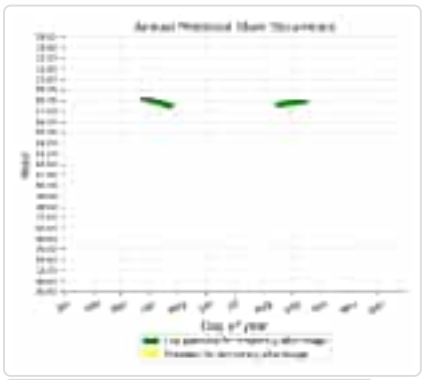
PV array 15: OP 7

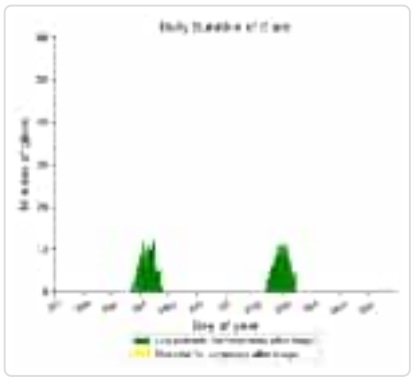
No glare found

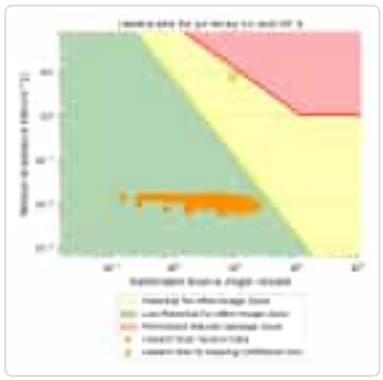
PV array 15: OP 8

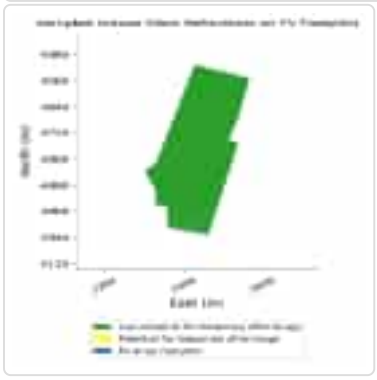
PV array is expected to produce the following glare for this receptor:

- 480 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 9

No glare found

PV array 15: OP 10

No glare found

PV array 15: OP 11

No glare found

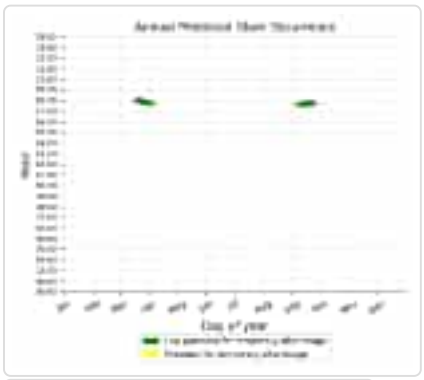
PV array 15: OP 12

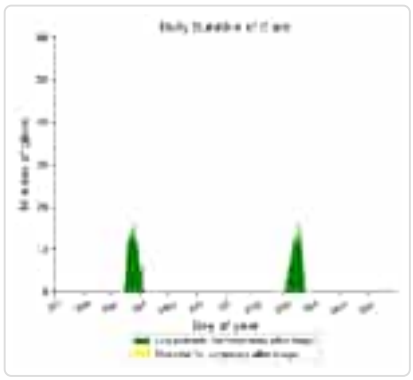
No glare found

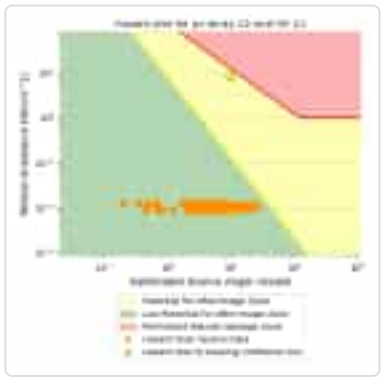
PV array 15: OP 13

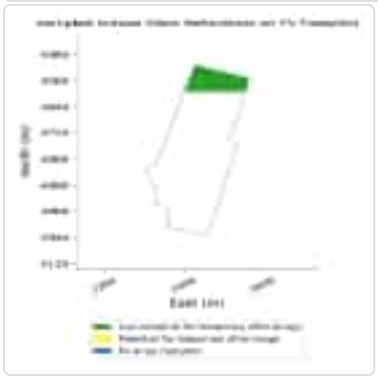
PV array is expected to produce the following glare for this receptor:

- 395 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





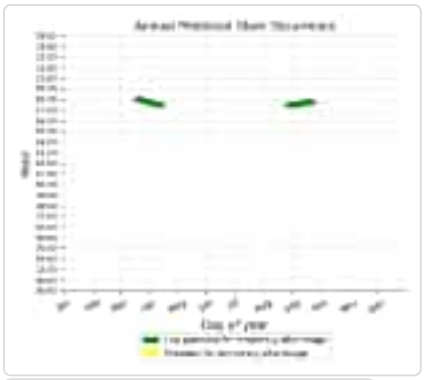


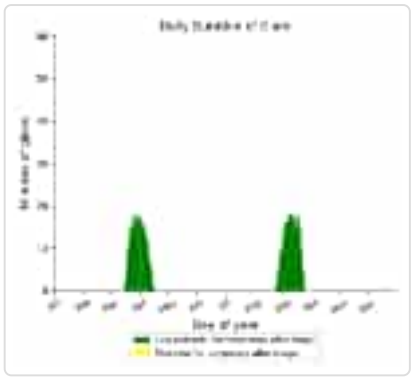


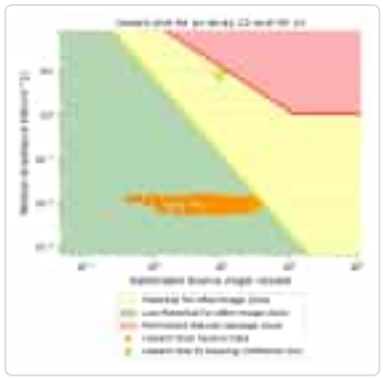
PV array 15: OP 14

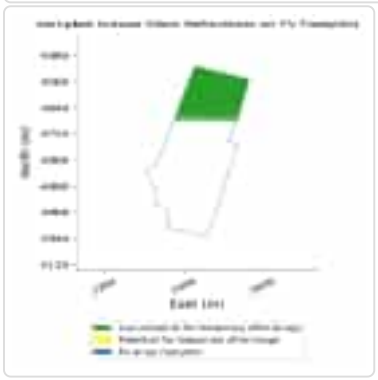
PV array is expected to produce the following glare for this receptor:

- 793 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





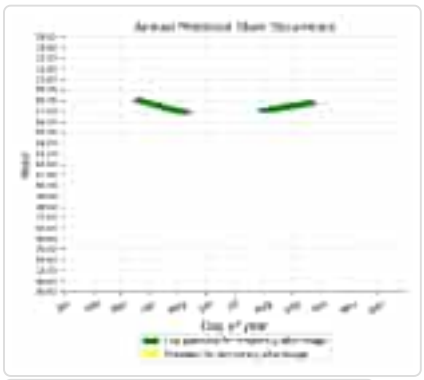


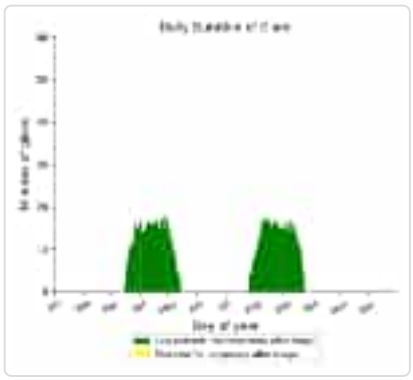


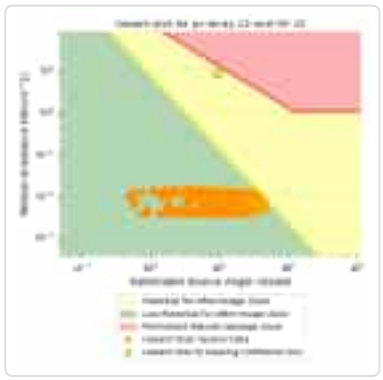
PV array 15: OP 15

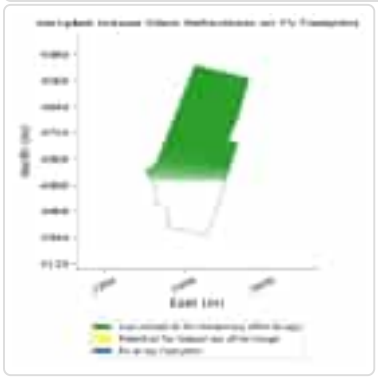
PV array is expected to produce the following glare for this receptor:

- 1,579 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





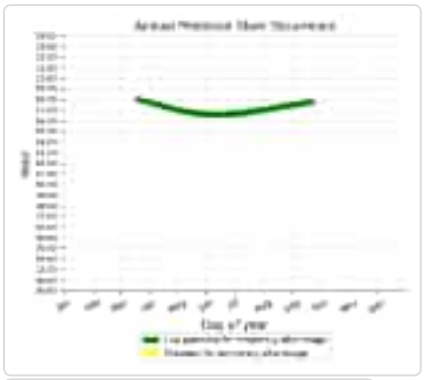


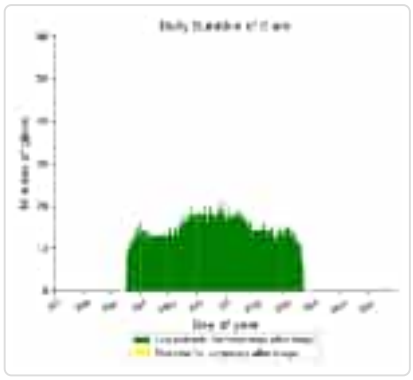


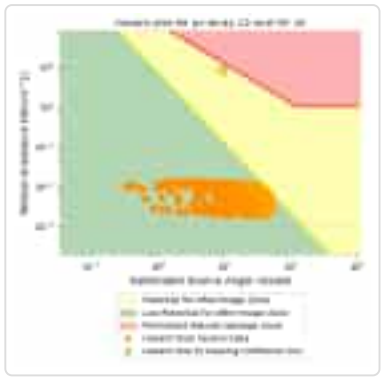
PV array 15: OP 16

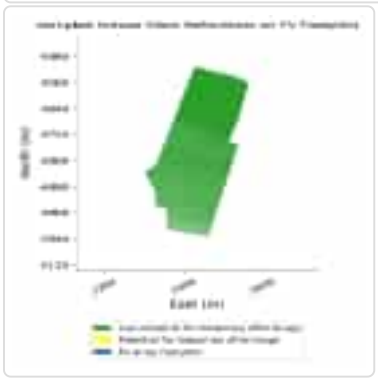
PV array is expected to produce the following glare for this receptor:

- 2,843 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





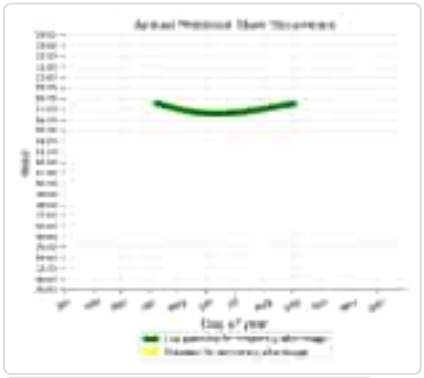


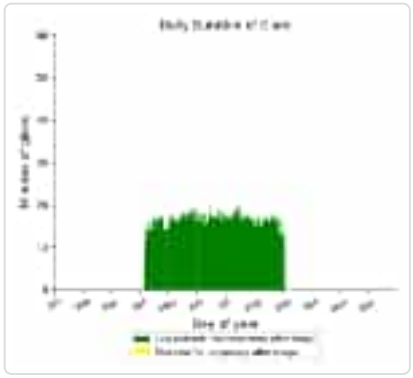


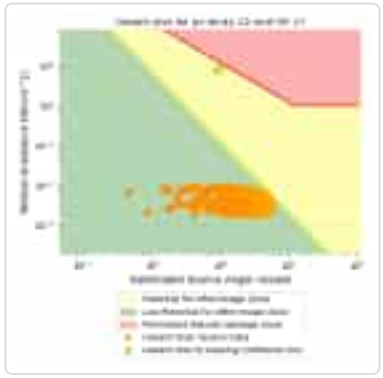
PV array 15: OP 17

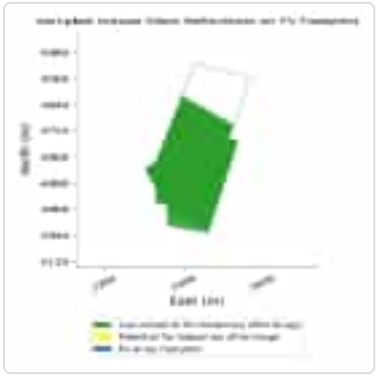
PV array is expected to produce the following glare for this receptor:

- 2,496 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





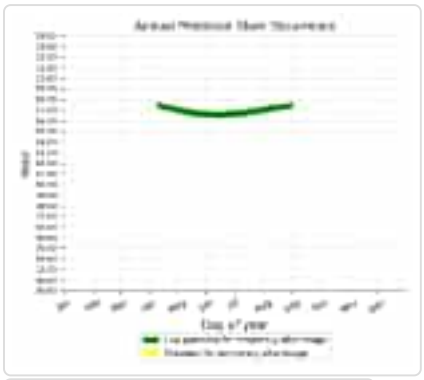


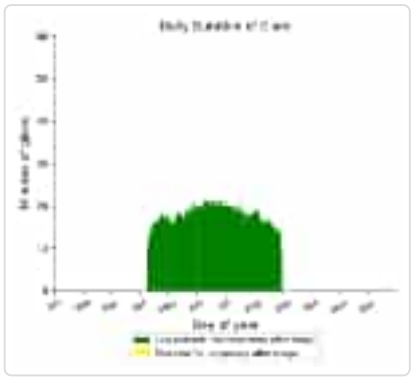


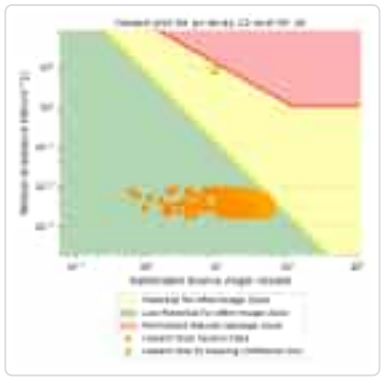
PV array 15: OP 18

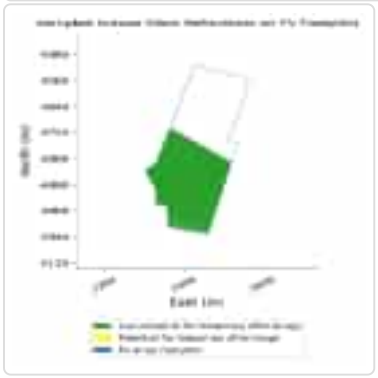
PV array is expected to produce the following glare for this receptor:

- 2,599 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





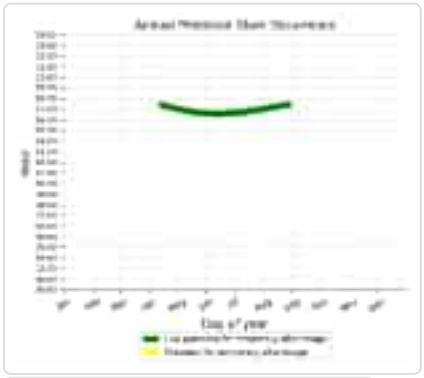


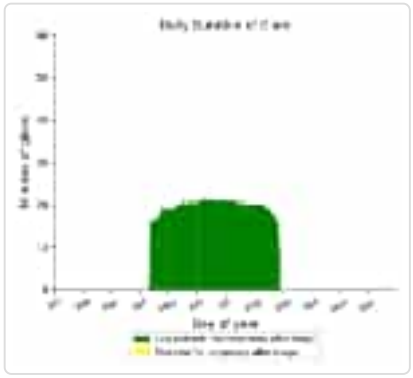


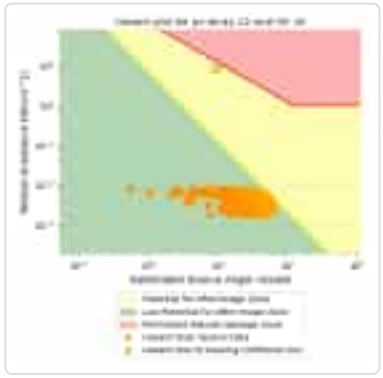
PV array 15: OP 19

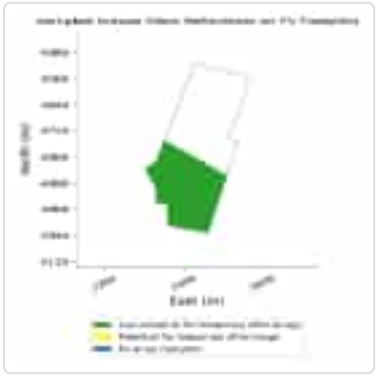
PV array is expected to produce the following glare for this receptor:

- 2,755 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





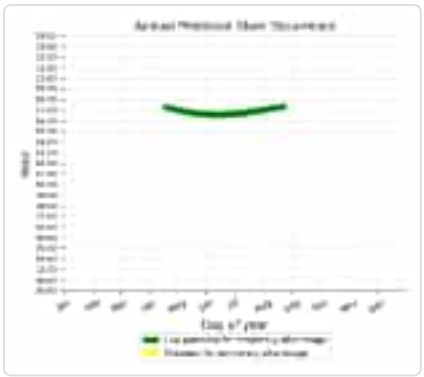


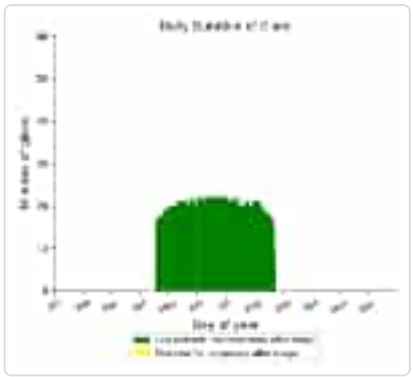


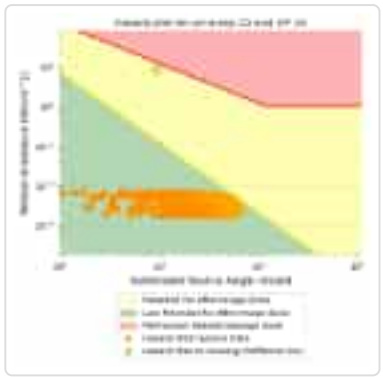
PV array 15: OP 20

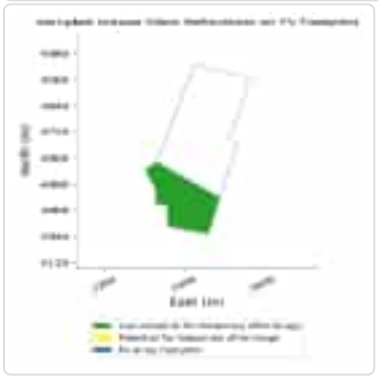
PV array is expected to produce the following glare for this receptor:

- 2,645 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





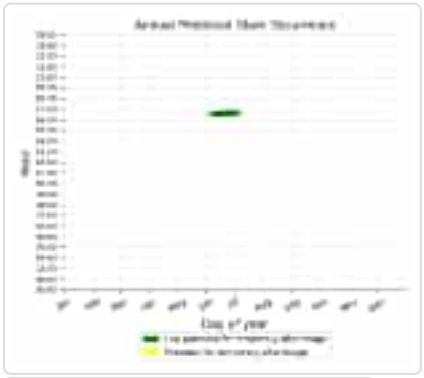


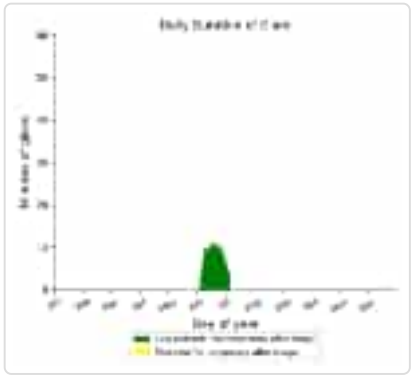


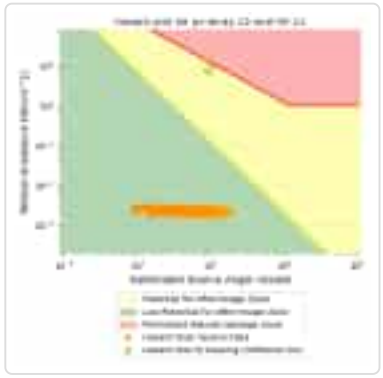
PV array 15: OP 21

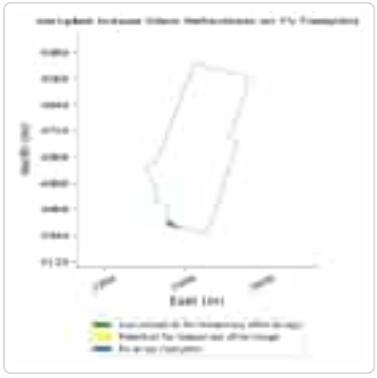
PV array is expected to produce the following glare for this receptor:

- 273 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 22

No glare found

PV array 15: OP 23

No glare found

PV array 15: OP 24

No glare found

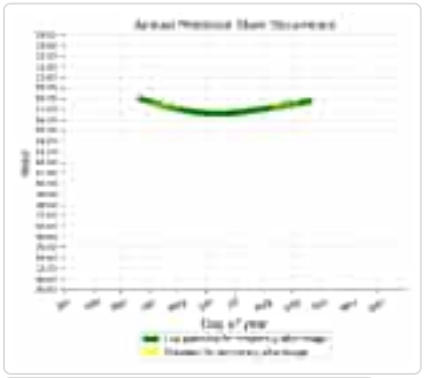
PV array 15: OP 25

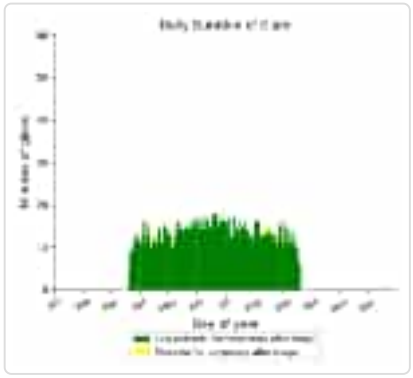
No glare found

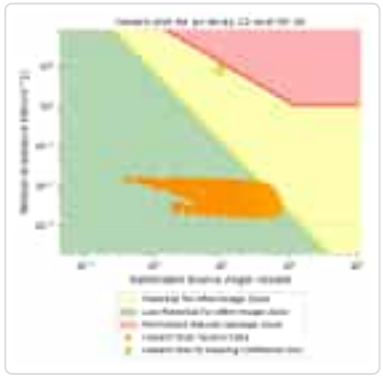
PV array 15: OP 26

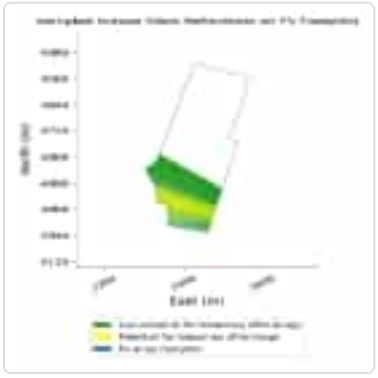
PV array is expected to produce the following glare for this receptor:

- 2,527 minutes of "green" glare with low potential to cause temporary after-image.
- 27 minutes of "yellow" glare with potential to cause temporary after-image.





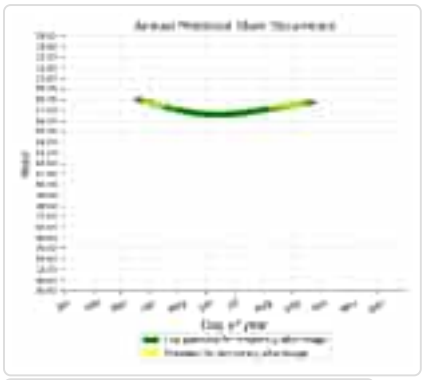


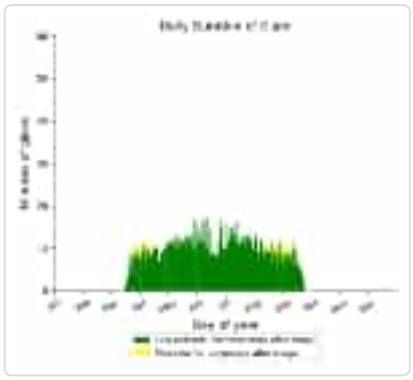


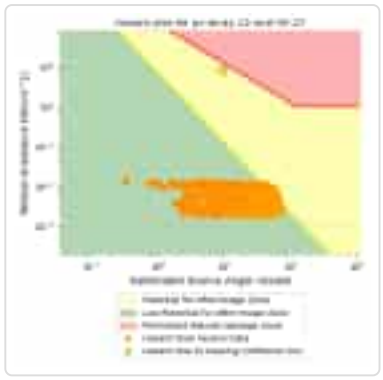
PV array 15: OP 27

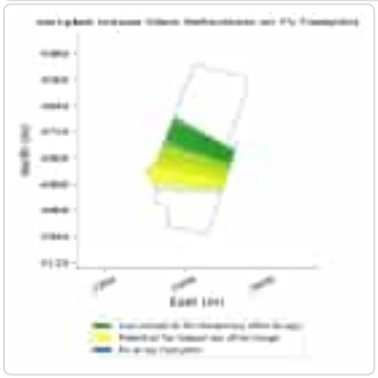
PV array is expected to produce the following glare for this receptor:

- 1,958 minutes of "green" glare with low potential to cause temporary after-image.
- 74 minutes of "yellow" glare with potential to cause temporary after-image.





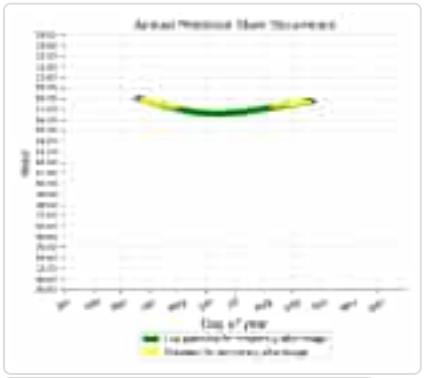


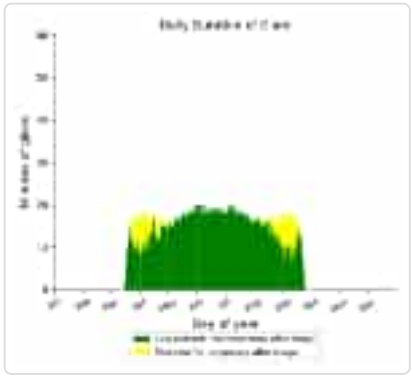


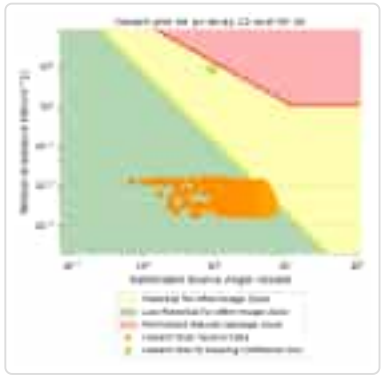
PV array 15: OP 28

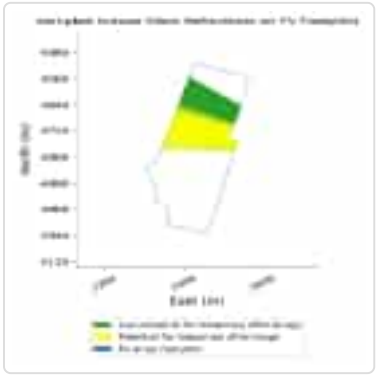
PV array is expected to produce the following glare for this receptor:

- 2,861 minutes of "green" glare with low potential to cause temporary after-image.
- 389 minutes of "yellow" glare with potential to cause temporary after-image.





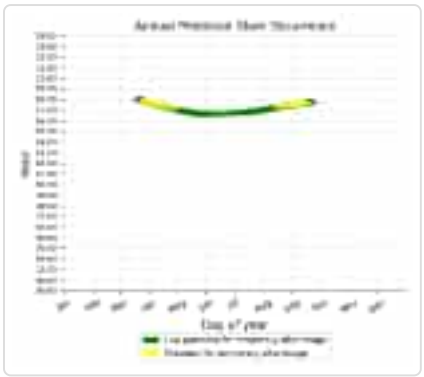


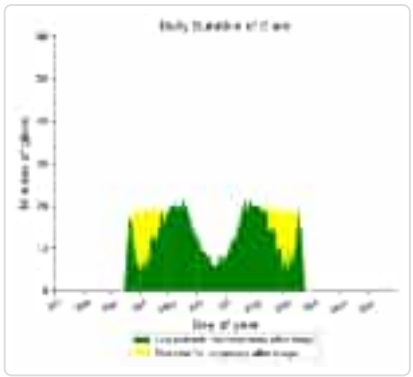


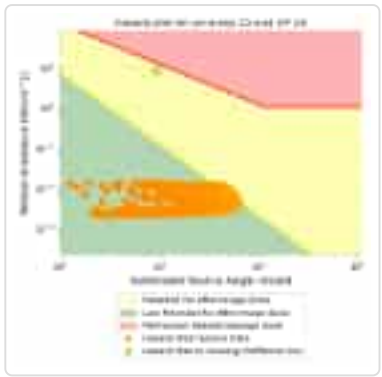
PV array 15: OP 29

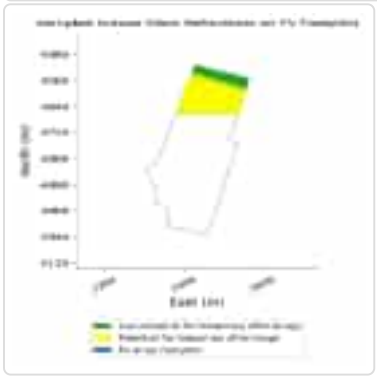
PV array is expected to produce the following glare for this receptor:

- 2,533 minutes of "green" glare with low potential to cause temporary after-image.
- 578 minutes of "yellow" glare with potential to cause temporary after-image.





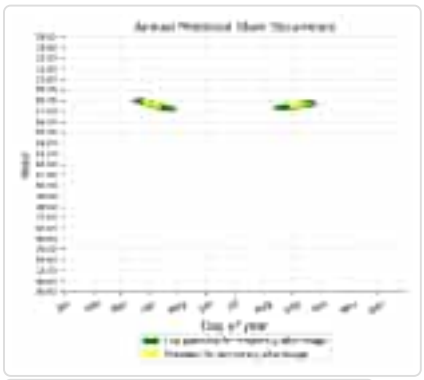


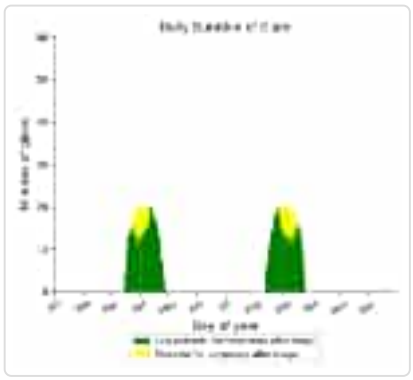


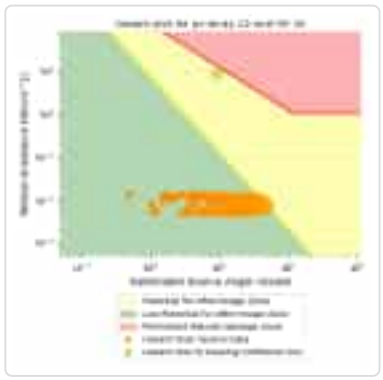
PV array 15: OP 30

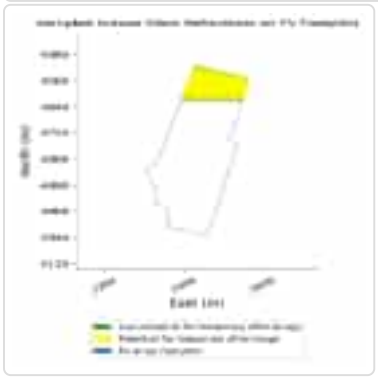
PV array is expected to produce the following glare for this receptor:

- 1,149 minutes of "green" glare with low potential to cause temporary after-image.
- 221 minutes of "yellow" glare with potential to cause temporary after-image.





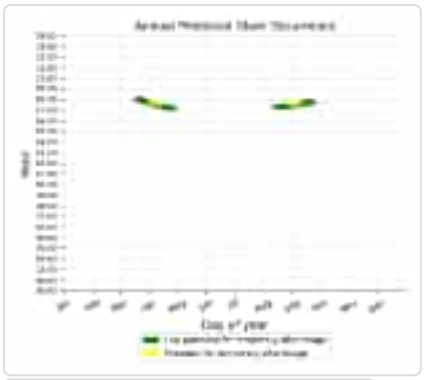


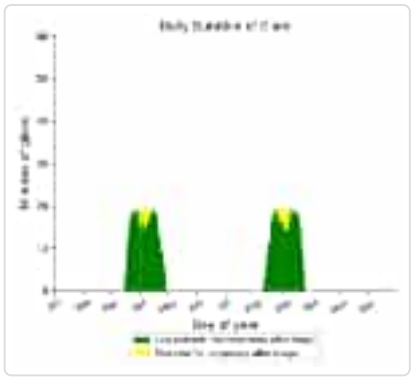


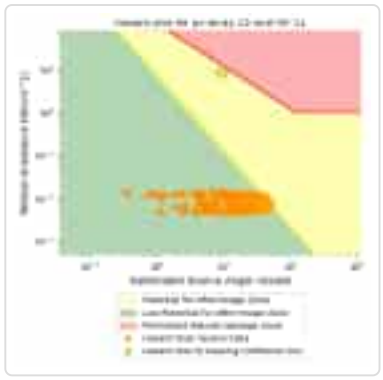
PV array 15: OP 31

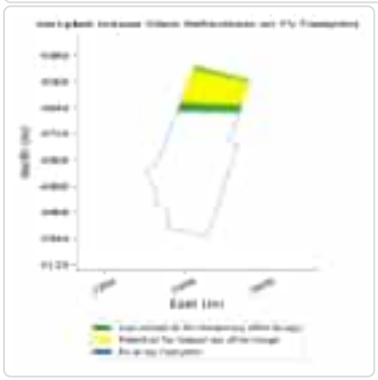
PV array is expected to produce the following glare for this receptor:

- 1,305 minutes of "green" glare with low potential to cause temporary after-image.
- 96 minutes of "yellow" glare with potential to cause temporary after-image.





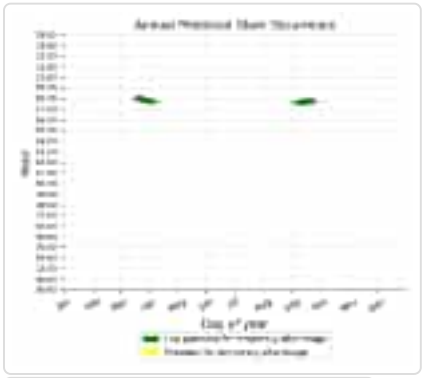


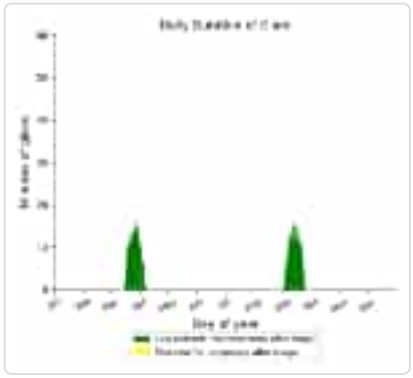


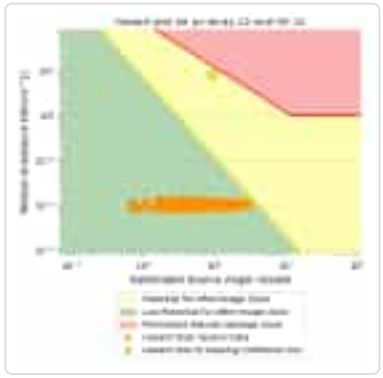
PV array 15: OP 32

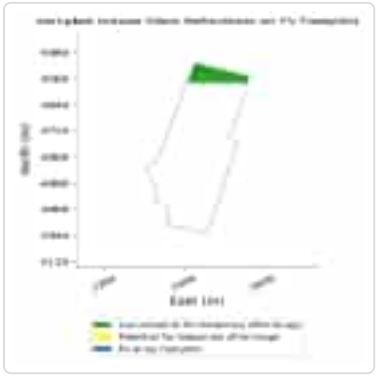
PV array is expected to produce the following glare for this receptor:

- 478 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









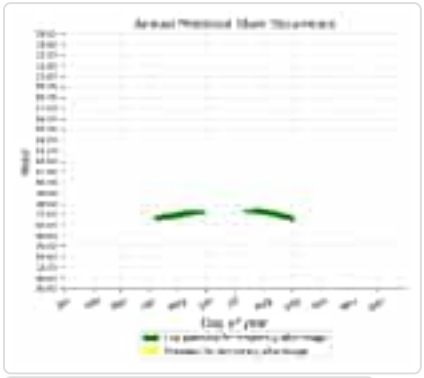
PV array 15: OP 33

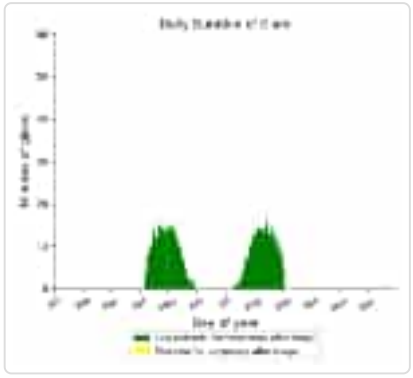
No glare found

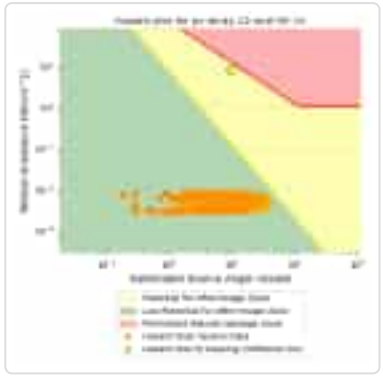
PV array 15: OP 34

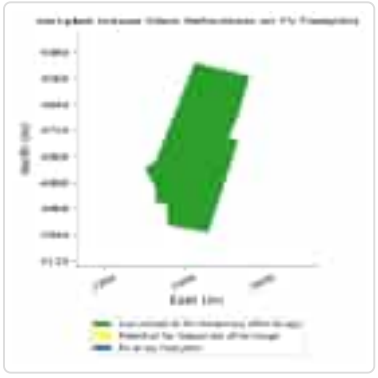
PV array is expected to produce the following glare for this receptor:

- 1,035 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





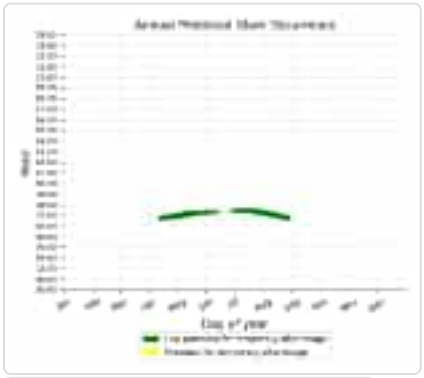


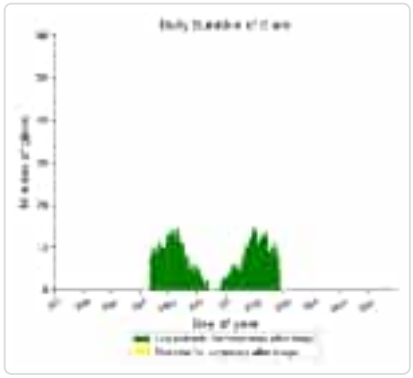


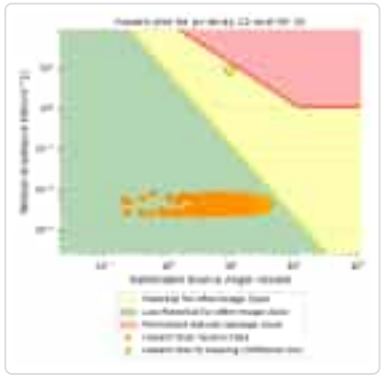
PV array 15: OP 35

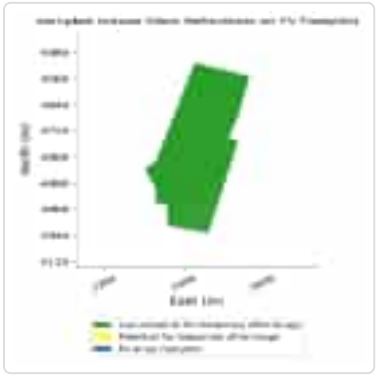
PV array is expected to produce the following glare for this receptor:

- 1,080 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





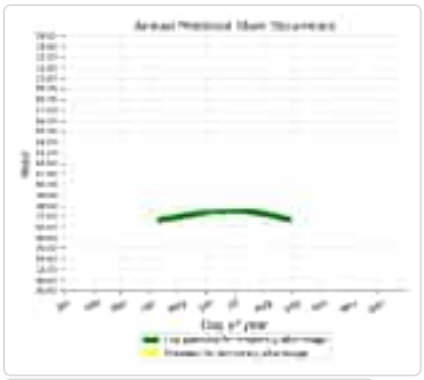


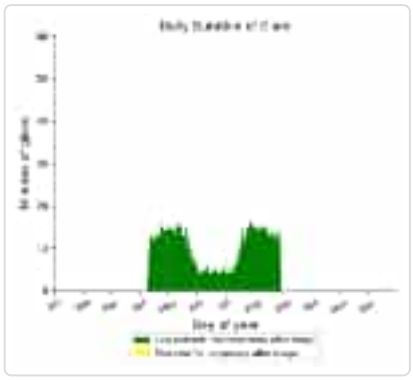


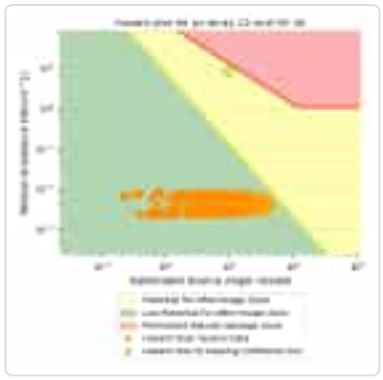
PV array 15: OP 36

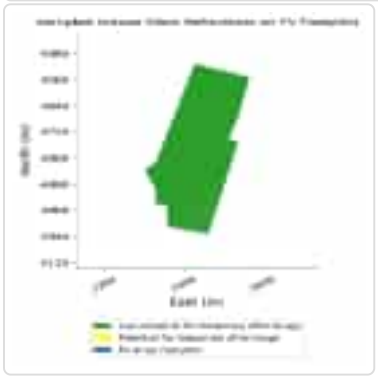
PV array is expected to produce the following glare for this receptor:

- 1,497 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





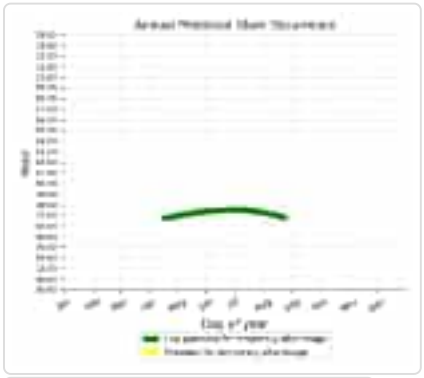


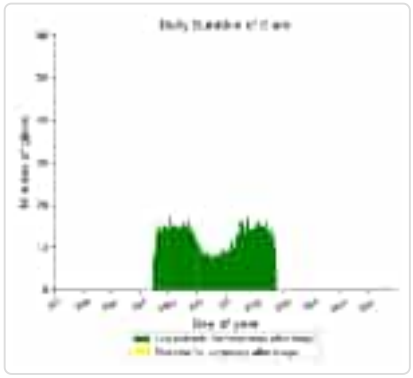


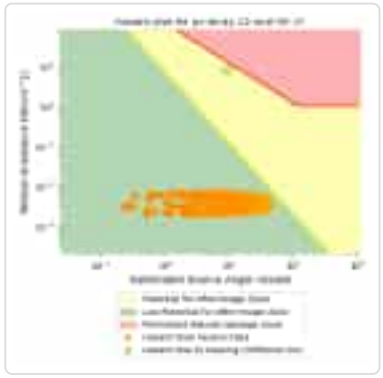
PV array 15: OP 37

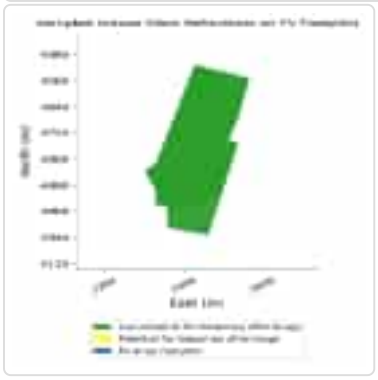
PV array is expected to produce the following glare for this receptor:

- 1,673 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





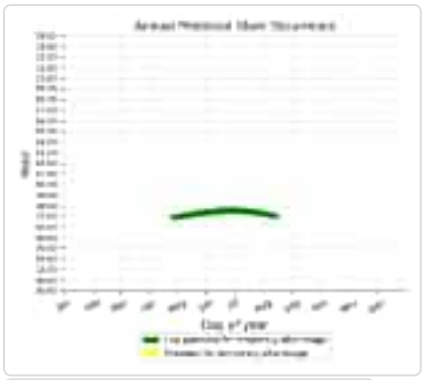


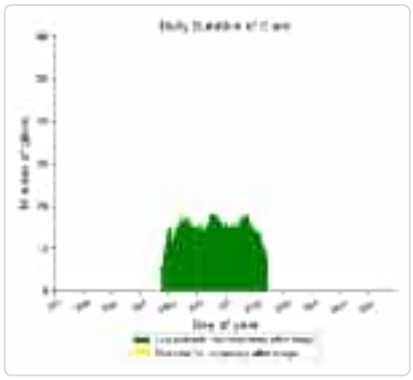


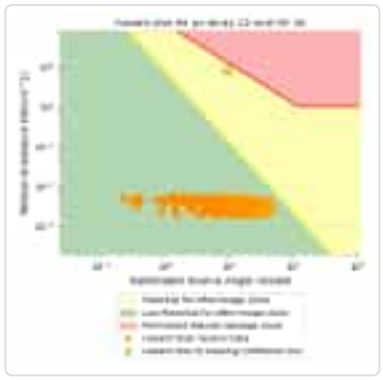
PV array 15: OP 38

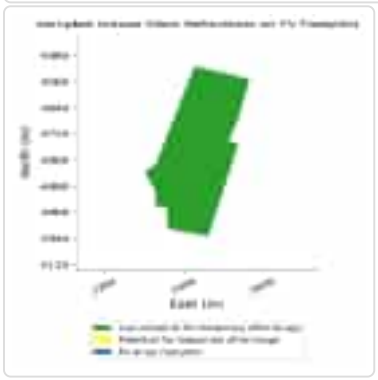
PV array is expected to produce the following glare for this receptor:

- 1,702 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





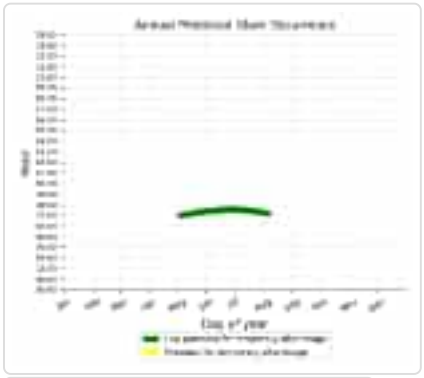


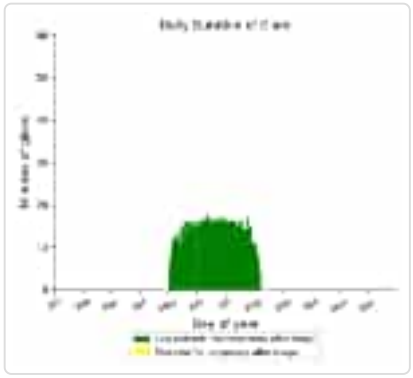


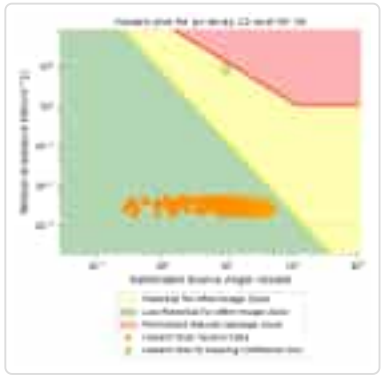
PV array 15: OP 39

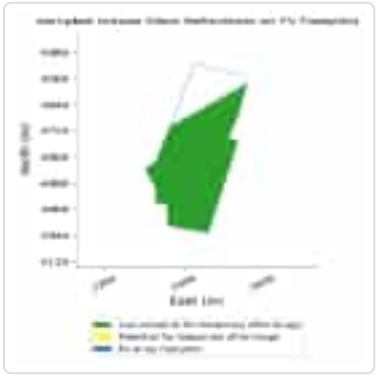
PV array is expected to produce the following glare for this receptor:

- 1,434 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





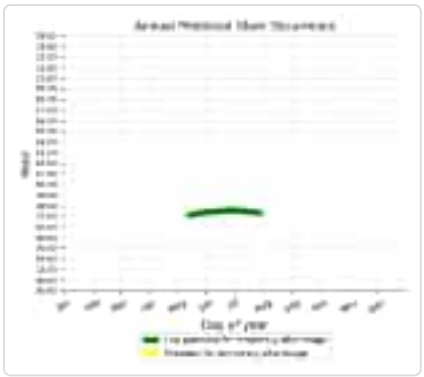


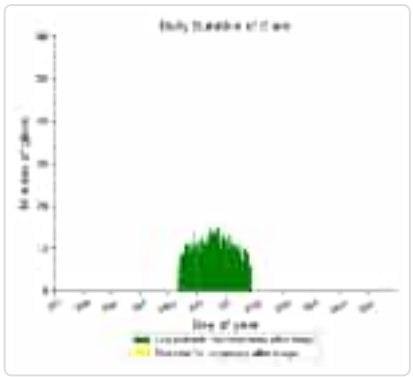


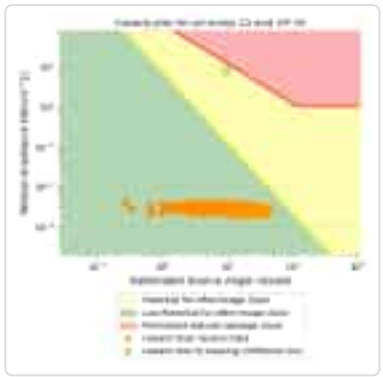
PV array 15: OP 40

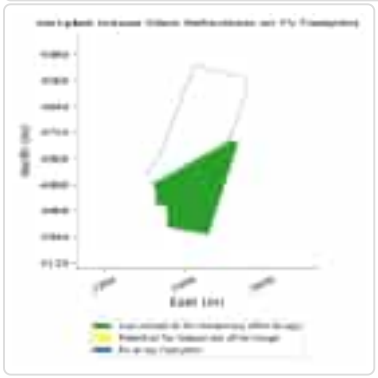
PV array is expected to produce the following glare for this receptor:

- 857 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





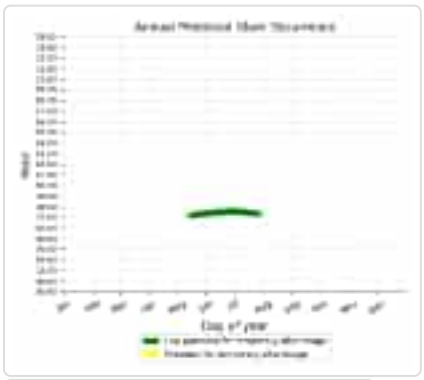


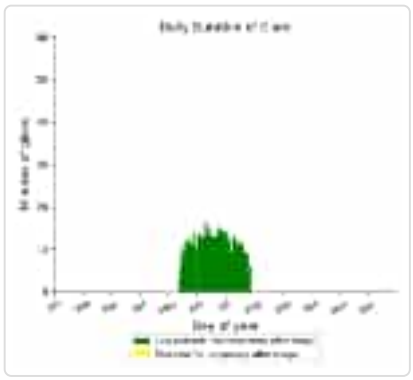


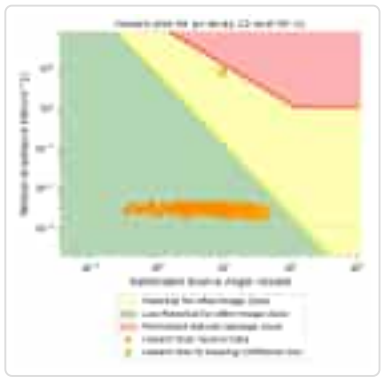
PV array 15: OP 41

PV array is expected to produce the following glare for this receptor:

- 920 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



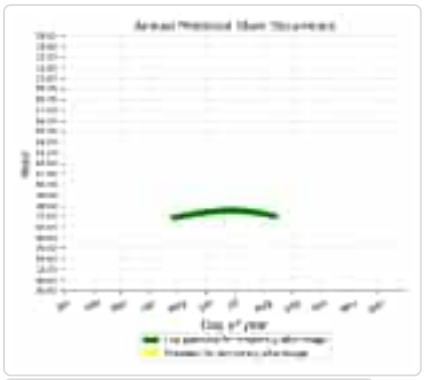


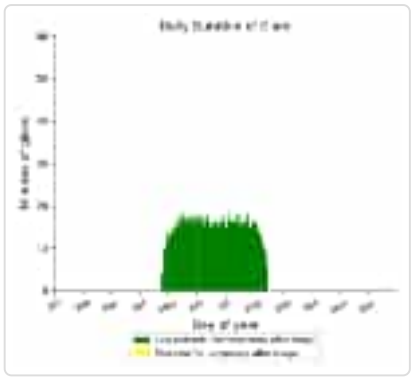


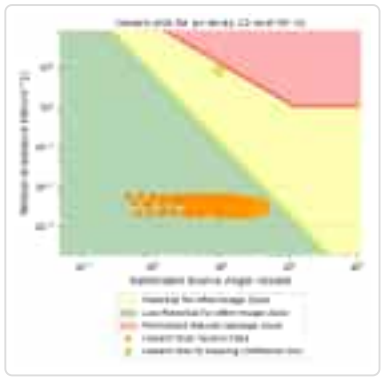
PV array 15: OP 42

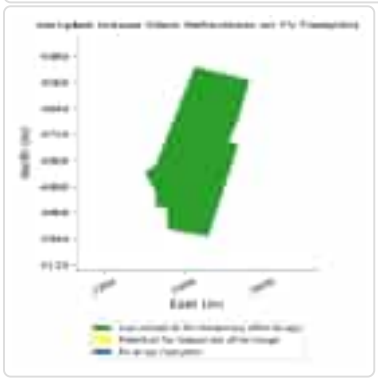
PV array is expected to produce the following glare for this receptor:

- 1,738 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





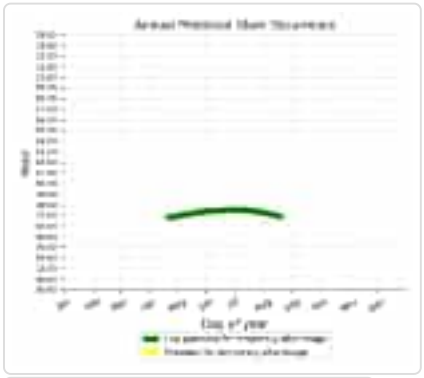


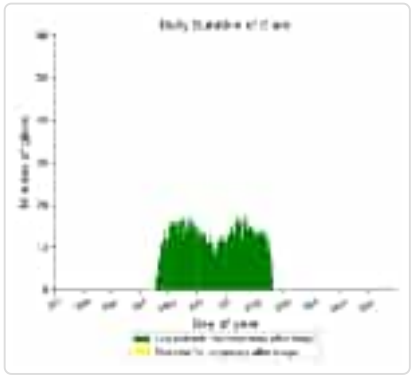


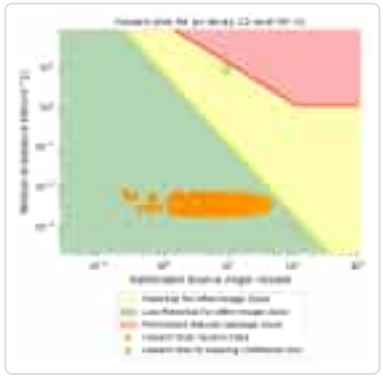
PV array 15: OP 43

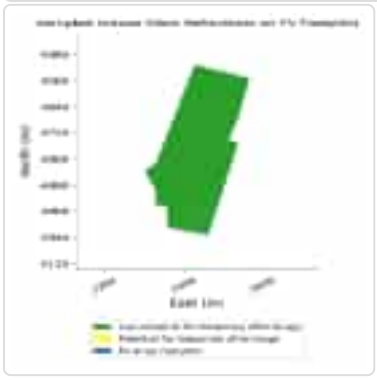
PV array is expected to produce the following glare for this receptor:

- 1,662 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

No glare found

PV array 3 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

No glare found

PV array 4 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

No glare found

PV array 5 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

No glare found

PV array 6 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

No glare found

PV array 7 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)

OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	788	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

PV array 7: OP 1

No glare found

PV array 7: OP 2

No glare found

PV array 7: OP 3

No glare found

PV array 7: OP 4

No glare found

PV array 7: OP 5

No glare found

PV array 7: OP 6

No glare found

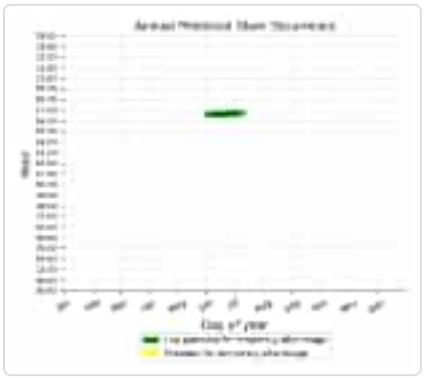
PV array 7: OP 7

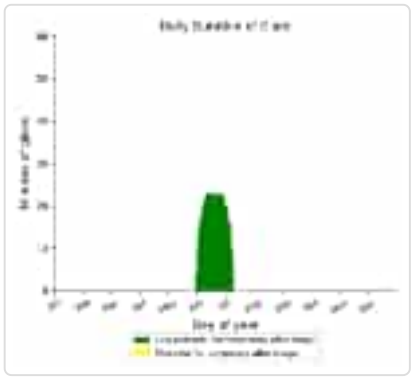
No glare found

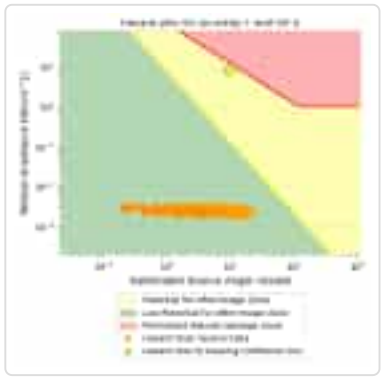
PV array 7: OP 8

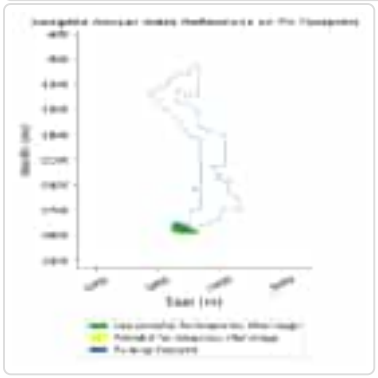
PV array is expected to produce the following glare for this receptor:

- 788 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 9

No glare found

PV array 7: OP 10

No glare found

PV array 7: OP 11

No glare found

PV array 7: OP 12

No glare found

PV array 7: OP 13

No glare found

PV array 7: OP 14

No glare found

PV array 7: OP 15

No glare found

PV array 7: OP 16

No glare found

PV array 7: OP 17

No glare found

PV array 7: OP 18

No glare found

PV array 7: OP 19

No glare found

PV array 7: OP 20

No glare found

PV array 7: OP 21

No glare found

PV array 7: OP 22

No glare found

PV array 7: OP 23

No glare found

PV array 7: OP 24

No glare found

PV array 7: OP 25

No glare found

PV array 7: OP 26

No glare found

PV array 7: OP 27

No glare found

PV array 7: OP 28

No glare found

PV array 7: OP 29

No glare found

PV array 7: OP 30

No glare found

PV array 7: OP 31

No glare found

PV array 7: OP 32

No glare found

PV array 7: OP 33

No glare found

PV array 7: OP 34

No glare found

PV array 7: OP 35

No glare found

PV array 7: OP 36

No glare found

PV array 7: OP 37

No glare found

PV array 7: OP 38

No glare found

PV array 7: OP 39

No glare found

PV array 7: OP 40

No glare found

PV array 7: OP 41

No glare found

PV array 7: OP 42

No glare found

PV array 7: OP 43

No glare found

PV array 8 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

No glare found

PV array 9 low potential for temporary after-image

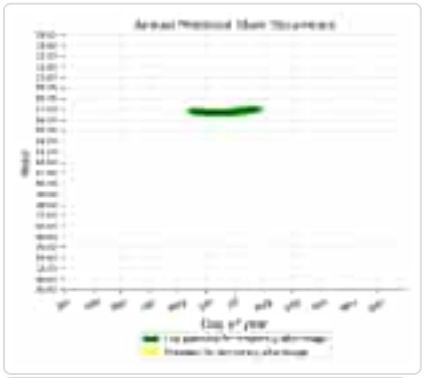
Component	Green glare (min)	Yellow glare (min)

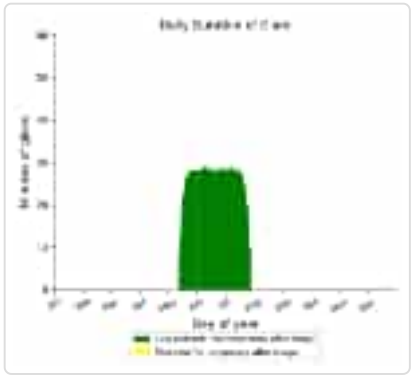
OP: OP 1	2027	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	566	0
OP: OP 6	1023	0
OP: OP 7	1297	0
OP: OP 8	2030	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

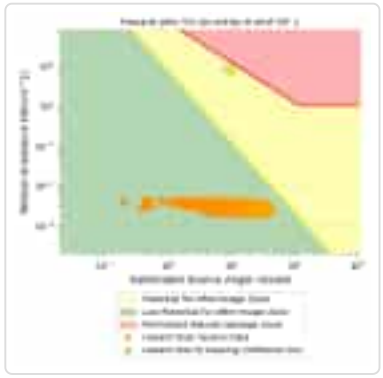
PV array 9: OP 1

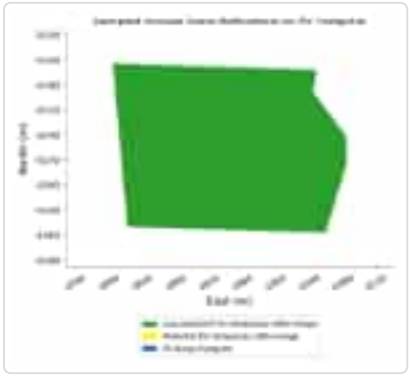
PV array is expected to produce the following glare for this receptor:

- 2,027 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 2

No glare found

PV array 9: OP 3

No glare found

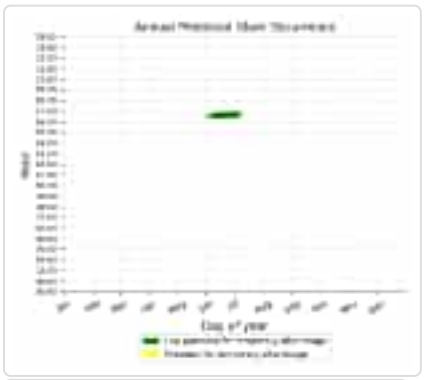
PV array 9: OP 4

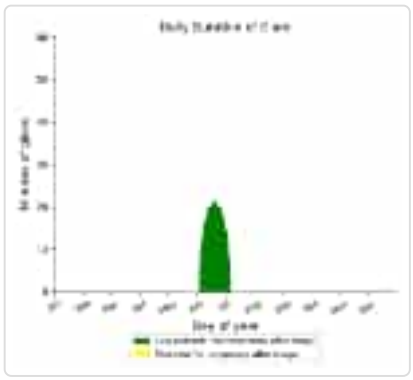
No glare found

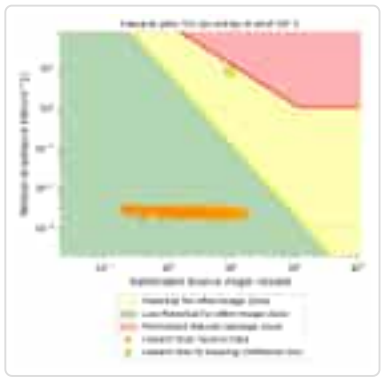
PV array 9: OP 5

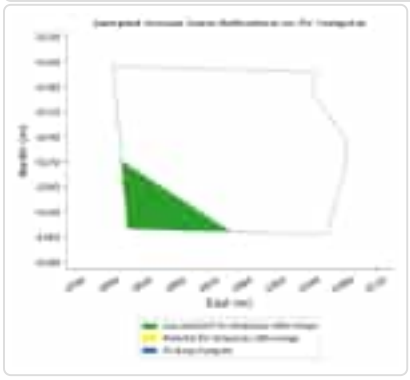
PV array is expected to produce the following glare for this receptor:

- 566 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





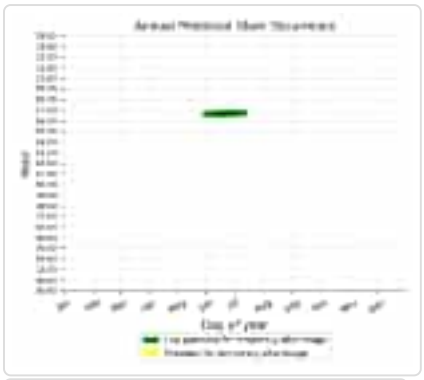


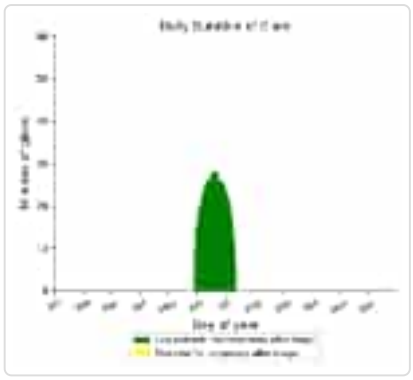


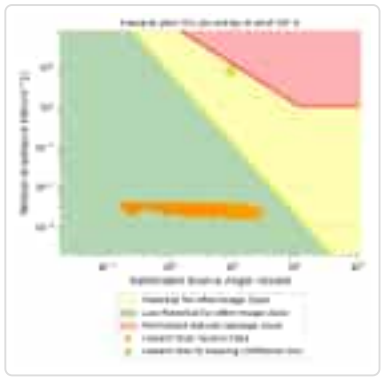
PV array 9: OP 6

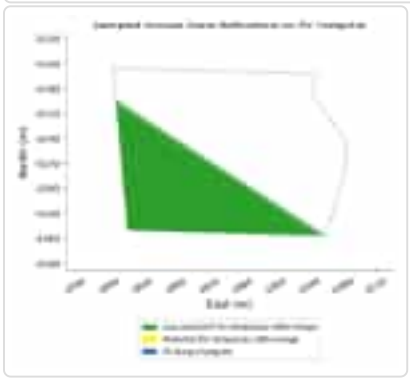
PV array is expected to produce the following glare for this receptor:

- 1,023 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





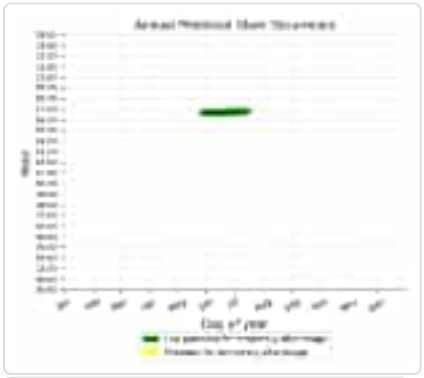


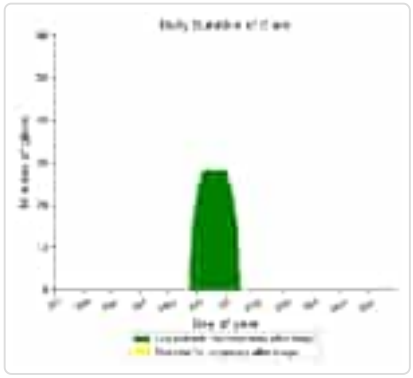


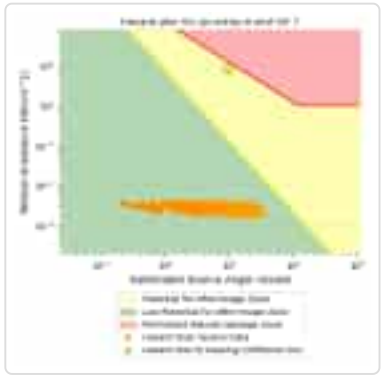
PV array 9: OP 7

PV array is expected to produce the following glare for this receptor:

- 1,297 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



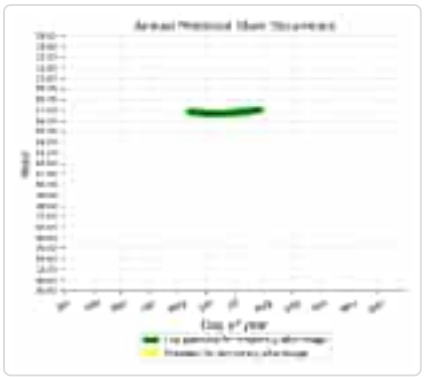


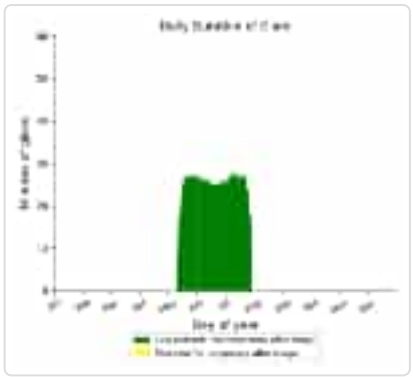


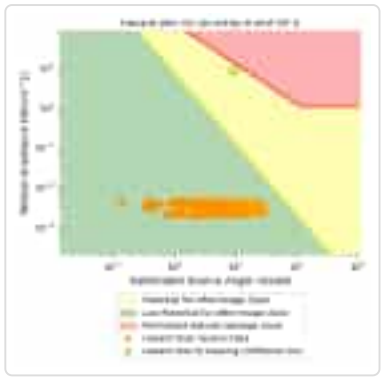
PV array 9: OP 8

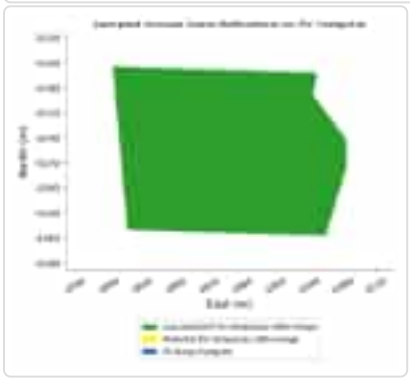
PV array is expected to produce the following glare for this receptor:

- 2,030 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 9

No glare found

PV array 9: OP 10

No glare found

PV array 9: OP 11

No glare found

PV array 9: OP 12

No glare found

PV array 9: OP 13

No glare found

PV array 9: OP 14

No glare found

PV array 9: OP 15

No glare found

PV array 9: OP 16

No glare found

PV array 9: OP 17

No glare found

PV array 9: OP 18

No glare found

PV array 9: OP 19

No glare found

PV array 9: OP 20

No glare found

PV array 9: OP 21

No glare found

PV array 9: OP 22

No glare found

PV array 9: OP 23

No glare found

PV array 9: OP 24

No glare found

PV array 9: OP 25

No glare found

PV array 9: OP 26

No glare found

PV array 9: OP 27

No glare found

PV array 9: OP 28

No glare found

PV array 9: OP 29

No glare found

PV array 9: OP 30

No glare found

PV array 9: OP 31

No glare found

PV array 9: OP 32

No glare found

PV array 9: OP 33

No glare found

PV array 9: OP 34

No glare found

PV array 9: OP 35

No glare found

PV array 9: OP 36

No glare found

PV array 9: OP 37

No glare found

PV array 9: OP 38

No glare found

PV array 9: OP 39

No glare found

PV array 9: OP 40

No glare found

PV array 9: OP 41

No glare found

PV array 9: OP 42

No glare found

PV array 9: OP 43

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Fosse Green Solar Farm

Fosse Green SF Res Group A Tracker

Created Jan 11, 2024
Updated Sep 02, 2024
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 109527.18719

Project type Advanced
Project status: active
Category 10 MW to 100 MW

Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
PV array 1	SA tracking	SA tracking	20,401	1,569	-
PV array 10	SA tracking	SA tracking	6,289	0	-
PV array 11	SA tracking	SA tracking	0	0	-
PV array 12	SA tracking	SA tracking	3,067	0	-
PV array 13	SA tracking	SA tracking	0	0	-
PV array 14	SA tracking	SA tracking	84,012	0	-
PV array 15	SA tracking	SA tracking	1,269	0	-
PV array 2	SA tracking	SA tracking	9,334	99	-
PV array 3	SA tracking	SA tracking	3,587	166	-
PV array 4	SA tracking	SA tracking	37,207	8,747	-
PV array 5	SA tracking	SA tracking	10,095	0	-
PV array 6	SA tracking	SA tracking	102,568	14,283	-
PV array 7	SA tracking	SA tracking	922	0	-
PV array 8	SA tracking	SA tracking	0	0	-
PV array 9	SA tracking	SA tracking	0	0	-

Component Data

PV Array(s)

Total PV footprint area: 5,173,293 m^2

Name: PV array 1
Footprint area: 534,233 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.173327	-0.683693	15.22	3.50	18.72
2	53.171796	-0.684143	15.03	3.50	18.53
3	53.171552	-0.683478	15.19	3.50	18.69
4	53.171127	-0.682985	15.98	3.50	19.48
5	53.169712	-0.681805	15.00	3.50	18.50
6	53.168092	-0.681418	16.50	3.50	20.00
7	53.167989	-0.682362	16.00	3.50	19.50
8	53.167616	-0.682427	15.86	3.50	19.36
9	53.166844	-0.682749	16.00	3.50	19.50
10	53.166574	-0.682985	16.00	3.50	19.50
11	53.166123	-0.682920	16.00	3.50	19.50
12	53.166394	-0.680345	17.00	3.50	20.50
13	53.166741	-0.680410	16.40	3.50	19.90
14	53.166831	-0.679530	17.48	3.50	20.98
15	53.167320	-0.679659	17.17	3.50	20.67
16	53.167564	-0.677277	20.64	3.50	24.14
17	53.166522	-0.676741	20.78	3.50	24.28
18	53.164593	-0.675024	20.02	3.50	23.52
19	53.163010	-0.673672	18.14	3.50	21.64
20	53.162869	-0.672857	19.04	3.50	22.54
21	53.163088	-0.672084	19.80	3.50	23.30
22	53.163679	-0.671333	23.18	3.50	26.68
23	53.165403	-0.672857	27.63	3.50	31.13
24	53.165648	-0.671870	30.61	3.50	34.11
25	53.166458	-0.671269	32.00	3.50	35.50
26	53.166857	-0.671569	31.99	3.50	35.49
27	53.167847	-0.667406	24.66	3.50	28.16
28	53.169468	-0.666720	25.10	3.50	28.60
29	53.169031	-0.668608	27.89	3.50	31.39
30	53.169198	-0.670067	30.98	3.50	34.48
31	53.169982	-0.673629	26.94	3.50	30.44
32	53.170246	-0.673758	26.58	3.50	30.08
33	53.171294	-0.673125	28.40	3.50	31.90
34	53.171745	-0.672299	30.82	3.50	34.32
35	53.172105	-0.674048	26.50	3.50	30.00
36	53.171674	-0.675957	22.65	3.50	26.15
37	53.171507	-0.677599	22.08	3.50	25.58
38	53.171629	-0.678414	22.99	3.50	26.49
39	53.171918	-0.678833	24.21	3.50	27.71
40	53.171809	-0.679283	22.62	3.50	26.12
41	53.171449	-0.679391	20.48	3.50	23.98
42	53.170838	-0.677985	18.51	3.50	22.01
43	53.170593	-0.678028	17.96	3.50	21.46
44	53.170606	-0.678200	17.83	3.50	21.33
45	53.171372	-0.679906	19.18	3.50	22.68
46	53.171249	-0.681719	17.42	3.50	20.92
47	53.171378	-0.681955	17.27	3.50	20.77
48	53.171333	-0.682395	16.56	3.50	20.06
49	53.171597	-0.682502	16.79	3.50	20.29
50	53.173384	-0.681622	18.75	3.50	22.25

Name: PV array 10
Footprint area: 207,167 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.151184	-0.634513	8.32	3.50	11.82
2	53.151718	-0.636347	8.27	3.50	11.77
3	53.150026	-0.636744	8.28	3.50	11.78
4	53.148983	-0.636744	9.89	3.50	13.39
5	53.148803	-0.636862	10.13	3.50	13.63
6	53.148829	-0.637045	9.76	3.50	13.26
7	53.147420	-0.637957	10.19	3.50	13.69
8	53.146461	-0.637796	10.65	3.50	14.15
9	53.146126	-0.637302	11.44	3.50	14.94
10	53.145875	-0.635146	9.74	3.50	13.24
11	53.145566	-0.635264	9.14	3.50	12.64
12	53.145451	-0.635843	9.42	3.50	12.92
13	53.145142	-0.635951	9.94	3.50	13.44
14	53.144987	-0.634910	11.54	3.50	15.04
15	53.144637	-0.634278	12.00	3.50	15.50
16	53.143968	-0.633344	12.41	3.50	15.91
17	53.144200	-0.633280	11.84	3.50	15.34
18	53.144953	-0.632754	9.97	3.50	13.47
19	53.145828	-0.631949	10.31	3.50	13.81
20	53.146497	-0.631509	11.15	3.50	14.65
21	53.147668	-0.633848	12.51	3.50	16.01
22	53.148395	-0.633344	12.81	3.50	16.31
23	53.148254	-0.632947	13.08	3.50	16.58
24	53.148910	-0.632035	13.05	3.50	16.55
25	53.149064	-0.632314	12.58	3.50	16.08
26	53.149541	-0.631681	12.37	3.50	15.87

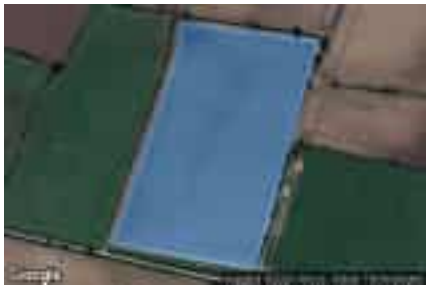
Name: PV array 11
Footprint area: 717,655 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.148506	-0.631749	13.14	3.50	16.64
2	53.147850	-0.632704	12.97	3.50	16.47
3	53.147683	-0.632715	12.37	3.50	15.87
4	53.146640	-0.630945	11.20	3.50	14.70
5	53.146396	-0.630848	12.22	3.50	15.72
6	53.145637	-0.631266	12.28	3.50	15.78
7	53.144343	-0.632565	11.04	3.50	14.54
8	53.142046	-0.627951	13.11	3.50	16.61
9	53.141524	-0.626084	12.34	3.50	15.84
10	53.138596	-0.627329	13.83	3.50	17.33
11	53.138454	-0.627232	13.48	3.50	16.98
12	53.137051	-0.628370	12.96	3.50	16.46
13	53.137154	-0.629056	13.21	3.50	16.71
14	53.135919	-0.628649	14.19	3.50	17.69
15	53.135771	-0.627640	12.78	3.50	16.28
16	53.134593	-0.628456	13.03	3.50	16.53
17	53.134464	-0.624700	12.77	3.50	16.27
18	53.134618	-0.624700	12.76	3.50	16.26
19	53.134631	-0.624990	12.76	3.50	16.26
20	53.135655	-0.624947	12.58	3.50	16.08
21	53.135758	-0.626331	11.86	3.50	15.36
22	53.136112	-0.626567	11.92	3.50	15.42
23	53.136549	-0.625162	10.74	3.50	14.24
24	53.136717	-0.625055	10.13	3.50	13.63
25	53.136652	-0.624636	10.38	3.50	13.88
26	53.137450	-0.624089	10.03	3.50	13.53
27	53.135835	-0.616793	7.10	3.50	10.60
28	53.136202	-0.615956	6.99	3.50	10.49
29	53.137238	-0.614926	7.15	3.50	10.65
30	53.137624	-0.615710	7.24	3.50	10.74
31	53.137862	-0.615549	7.38	3.50	10.88
32	53.137991	-0.614787	7.14	3.50	10.64
33	53.139105	-0.617426	7.93	3.50	11.43
34	53.139800	-0.619754	11.05	3.50	14.55
35	53.141717	-0.618682	9.38	3.50	12.88
36	53.142129	-0.620227	11.21	3.50	14.71
37	53.142007	-0.620323	10.80	3.50	14.30
38	53.142541	-0.622211	11.19	3.50	14.69
39	53.144034	-0.620784	11.76	3.50	15.26
40	53.144607	-0.623563	11.92	3.50	15.42
41	53.145591	-0.624582	12.63	3.50	16.13
42	53.145044	-0.625248	12.90	3.50	16.40
43	53.145077	-0.625666	12.28	3.50	15.78
44	53.146634	-0.628348	11.72	3.50	15.22
45	53.146808	-0.628220	12.16	3.50	15.66
46	53.148268	-0.630762	12.11	3.50	15.61
47	53.148101	-0.631030	11.92	3.50	15.42

Name: PV array 12
Footprint area: 73,115 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.136228	-0.613414	8.07	3.50	11.57
2	53.135854	-0.613478	8.46	3.50	11.96
3	53.133222	-0.614980	9.82	3.50	13.32
4	53.132887	-0.611772	10.64	3.50	14.14
5	53.135977	-0.610335	9.13	3.50	12.63

Name: PV array 13
Footprint area: 737,033 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.135585	-0.658160	11.48	3.50	14.98
2	53.136461	-0.665906	14.75	3.50	18.25
3	53.130642	-0.667945	14.56	3.50	18.06
4	53.130333	-0.666357	13.81	3.50	17.31
5	53.128440	-0.666872	14.86	3.50	18.36
6	53.128582	-0.668717	14.77	3.50	18.27
7	53.128273	-0.668782	14.57	3.50	18.07
8	53.128131	-0.667301	14.49	3.50	17.99
9	53.125730	-0.667666	13.07	3.50	16.57
10	53.125710	-0.667945	12.94	3.50	16.44
11	53.124455	-0.667505	13.19	3.50	16.69
12	53.124558	-0.666711	12.70	3.50	16.20
13	53.123380	-0.665788	11.31	3.50	14.81
14	53.123457	-0.665370	11.00	3.50	14.50
15	53.123122	-0.665220	12.04	3.50	15.54
16	53.123476	-0.663514	13.15	3.50	16.65
17	53.124365	-0.661776	13.29	3.50	16.79
18	53.124571	-0.660832	13.96	3.50	17.46
19	53.125067	-0.660220	13.10	3.50	16.60
20	53.126406	-0.656647	11.66	3.50	15.16
21	53.126650	-0.656261	11.38	3.50	14.88
22	53.126959	-0.656272	11.65	3.50	15.15
23	53.127178	-0.656068	12.25	3.50	15.75
24	53.127603	-0.659051	12.08	3.50	15.58
25	53.128794	-0.658922	13.52	3.50	17.02
26	53.129277	-0.661443	14.94	3.50	18.44
27	53.131092	-0.659844	14.90	3.50	18.40
28	53.131517	-0.659501	14.40	3.50	17.90
29	53.132315	-0.658857	12.70	3.50	16.20
30	53.133268	-0.657935	12.71	3.50	16.21
31	53.133345	-0.658664	11.01	3.50	14.51

Name: PV array 14
Footprint area: 209,868 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132660	-0.653180	10.42	3.50	13.92
2	53.132070	-0.653360	10.23	3.50	13.73
3	53.131510	-0.653070	11.29	3.50	14.79
4	53.130770	-0.652410	10.38	3.50	13.88
5	53.130350	-0.650050	9.94	3.50	13.44
6	53.130090	-0.649560	9.85	3.50	13.35
7	53.130270	-0.649260	10.71	3.50	14.21
8	53.132390	-0.648020	11.38	3.50	14.88
9	53.133030	-0.650850	12.02	3.50	15.52
10	53.136270	-0.648960	10.09	3.50	13.59
11	53.136080	-0.645870	9.77	3.50	13.27
12	53.137430	-0.645210	9.73	3.50	13.23
13	53.137750	-0.648600	9.23	3.50	12.73
14	53.137580	-0.648830	9.22	3.50	12.72
15	53.138060	-0.652120	9.08	3.50	12.58
16	53.137820	-0.652230	9.58	3.50	13.08
17	53.137750	-0.652040	9.56	3.50	13.06
18	53.135890	-0.651840	9.88	3.50	13.38

Name: PV array 15
Footprint area: 78,246 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132772	-0.647378	9.94	3.50	13.44
2	53.130056	-0.648847	10.80	3.50	14.30
3	53.129882	-0.649255	9.89	3.50	13.39
4	53.129303	-0.648847	10.80	3.50	14.30
5	53.128942	-0.648858	10.87	3.50	14.37
6	53.128884	-0.648418	11.51	3.50	15.01
7	53.128311	-0.648386	11.43	3.50	14.93
8	53.128105	-0.646884	11.40	3.50	14.90
9	53.130622	-0.645758	10.83	3.50	14.33
10	53.130700	-0.646122	11.65	3.50	15.15
11	53.131298	-0.645768	10.18	3.50	13.68
12	53.132412	-0.645328	9.00	3.50	12.50

Name: PV array 2
Footprint area: 575,799 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.178645	-0.666108	19.50	3.50	23.00
2	53.177873	-0.669091	19.28	3.50	22.78
3	53.176523	-0.668029	19.69	3.50	23.19
4	53.174220	-0.666891	26.06	3.50	29.56
5	53.174465	-0.660669	17.80	3.50	21.30
6	53.172497	-0.660755	16.16	3.50	19.66
7	53.172510	-0.661355	17.14	3.50	20.64
8	53.172960	-0.661484	17.29	3.50	20.79
9	53.173230	-0.666677	24.28	3.50	27.78
10	53.172175	-0.666226	20.97	3.50	24.47
11	53.171823	-0.664919	19.69	3.50	23.19
12	53.171714	-0.664865	19.72	3.50	23.22
13	53.170968	-0.662526	18.08	3.50	21.58
14	53.170357	-0.661797	17.29	3.50	20.79
15	53.174293	-0.653523	13.69	3.50	17.19
16	53.178283	-0.655459	15.69	3.50	19.19
17	53.179363	-0.655588	13.41	3.50	16.91
18	53.178051	-0.662519	19.70	3.50	23.20
19	53.177884	-0.665737	19.63	3.50	23.13

Name: PV array 3
Footprint area: 680,134 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.162238	-0.675331	17.88	3.50	21.38
2	53.159343	-0.671812	16.96	3.50	20.46
3	53.159793	-0.670482	16.50	3.50	20.00
4	53.160861	-0.668250	17.83	3.50	21.33
5	53.160424	-0.666813	17.26	3.50	20.76
6	53.159446	-0.669109	15.52	3.50	19.02
7	53.159858	-0.669752	15.96	3.50	19.46
8	53.159137	-0.671705	16.90	3.50	20.40
9	53.158237	-0.670654	16.68	3.50	20.18
10	53.158391	-0.670074	16.02	3.50	19.52
11	53.157838	-0.668787	15.77	3.50	19.27
12	53.159768	-0.664130	19.42	3.50	22.92
13	53.159922	-0.664409	18.34	3.50	21.84
14	53.160977	-0.661835	24.58	3.50	28.08
15	53.161157	-0.662006	24.26	3.50	27.76
16	53.161286	-0.661641	25.79	3.50	29.29
17	53.161157	-0.661448	26.00	3.50	29.50
18	53.162186	-0.659345	26.37	3.50	29.87
19	53.162084	-0.658852	26.32	3.50	29.82
20	53.162598	-0.657693	27.46	3.50	30.96
21	53.165686	-0.658337	22.77	3.50	26.27
22	53.165917	-0.658981	21.27	3.50	24.77
23	53.166213	-0.659431	20.99	3.50	24.49
24	53.165956	-0.661019	21.23	3.50	24.73
25	53.167975	-0.662371	18.26	3.50	21.76
26	53.167654	-0.663315	18.23	3.50	21.73
27	53.167499	-0.667242	23.91	3.50	27.41
28	53.164618	-0.668615	26.56	3.50	30.06
29	53.164824	-0.669516	27.49	3.50	30.99
30	53.163164	-0.671190	20.73	3.50	24.23
31	53.162727	-0.672048	18.84	3.50	22.34
32	53.162572	-0.673164	18.39	3.50	21.89
33	53.162752	-0.673701	17.85	3.50	21.35
34	53.162650	-0.674344	17.02	3.50	20.52

Name: PV array 4
Footprint area: 539,330 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.172590	-0.642580	14.81	3.50	18.31
2	53.173510	-0.648340	13.73	3.50	17.23
3	53.168740	-0.657430	17.19	3.50	20.69
4	53.168530	-0.657410	16.94	3.50	20.44
5	53.168310	-0.657830	18.09	3.50	21.59
6	53.168300	-0.658730	18.04	3.50	21.54
7	53.168070	-0.658890	17.95	3.50	21.45
8	53.165850	-0.657640	21.97	3.50	25.47
9	53.165650	-0.657980	23.24	3.50	26.74
10	53.162740	-0.657270	27.18	3.50	30.68
11	53.164580	-0.653290	23.23	3.50	26.73
12	53.166200	-0.654060	18.29	3.50	21.79
13	53.166850	-0.655520	18.20	3.50	21.70
14	53.167520	-0.655510	17.58	3.50	21.08
15	53.167980	-0.655110	18.44	3.50	21.94
16	53.169110	-0.651550	16.06	3.50	19.56
17	53.169110	-0.651060	15.41	3.50	18.91
18	53.168030	-0.650870	15.63	3.50	19.13
19	53.167950	-0.651600	16.07	3.50	19.57
20	53.167340	-0.651230	15.83	3.50	19.33
21	53.166080	-0.651100	19.26	3.50	22.76
22	53.166120	-0.650480	18.68	3.50	22.18
23	53.165960	-0.650180	19.78	3.50	23.28
24	53.168250	-0.644540	17.16	3.50	20.66
25	53.168920	-0.644690	16.30	3.50	19.80
26	53.170130	-0.644410	16.57	3.50	20.07
27	53.171130	-0.643750	15.25	3.50	18.75
28	53.171150	-0.643400	15.23	3.50	18.73
29	53.172000	-0.642680	14.97	3.50	18.47

Name: PV array 5
Footprint area: 85,119 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.175987	-0.638261	17.17	3.50	20.67
2	53.175962	-0.637317	17.32	3.50	20.82
3	53.175704	-0.636180	15.99	3.50	19.49
4	53.172039	-0.635257	10.34	3.50	13.84
5	53.170855	-0.638197	11.33	3.50	14.83
6	53.174251	-0.638304	12.30	3.50	15.80

Name: PV array 6
Footprint area: 178,317 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.167678	-0.644140	17.52	3.50	21.02
2	53.165556	-0.649011	19.39	3.50	22.89
3	53.164810	-0.644784	20.41	3.50	23.91
4	53.165350	-0.641716	16.27	3.50	19.77
5	53.163562	-0.640986	20.48	3.50	23.98
6	53.161902	-0.640643	22.38	3.50	25.88
7	53.159226	-0.640385	15.78	3.50	19.28
8	53.159329	-0.638197	13.14	3.50	16.64
9	53.162726	-0.638883	20.72	3.50	24.22
10	53.164115	-0.639205	17.21	3.50	20.71
11	53.165183	-0.639763	14.44	3.50	17.94
12	53.165800	-0.640707	14.81	3.50	18.31
13	53.166366	-0.642209	16.10	3.50	19.60
14	53.166971	-0.643282	16.63	3.50	20.13

Name: PV array 7
Footprint area: 492,377 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.164655	-0.651071	23.57	3.50	27.07
2	53.164218	-0.652101	24.34	3.50	27.84
3	53.163588	-0.652015	24.43	3.50	27.93
4	53.163575	-0.652466	24.10	3.50	27.60
5	53.163883	-0.652809	24.86	3.50	28.36
6	53.162790	-0.655406	26.04	3.50	29.54
7	53.162404	-0.655148	26.50	3.50	30.00
8	53.162082	-0.655835	27.39	3.50	30.89
9	53.162263	-0.656543	27.11	3.50	30.61
10	53.161516	-0.658324	26.25	3.50	29.75
11	53.158776	-0.654054	22.55	3.50	26.05
12	53.156879	-0.652104	18.45	3.50	21.95
13	53.156840	-0.650806	17.85	3.50	21.35
14	53.156634	-0.650474	16.75	3.50	20.25
15	53.155412	-0.650935	12.99	3.50	16.49
16	53.155245	-0.650441	12.47	3.50	15.97
17	53.154428	-0.650484	11.62	3.50	15.12
18	53.152317	-0.650581	10.82	3.50	14.32
19	53.151545	-0.650656	11.68	3.50	15.18
20	53.151481	-0.651761	11.49	3.50	14.99
21	53.151159	-0.651729	12.56	3.50	16.06
22	53.151178	-0.650924	12.32	3.50	15.82
23	53.150863	-0.650624	12.97	3.50	16.47
24	53.149042	-0.650581	13.39	3.50	16.89
25	53.149113	-0.652083	14.82	3.50	18.32
26	53.147459	-0.652115	10.92	3.50	14.42
27	53.147762	-0.654604	14.65	3.50	18.15
28	53.146732	-0.654765	11.29	3.50	14.79
29	53.146713	-0.654454	10.78	3.50	14.28
30	53.146661	-0.653928	9.99	3.50	13.49
31	53.146559	-0.653209	9.32	3.50	12.82
32	53.146501	-0.652652	9.65	3.50	13.15
33	53.146616	-0.652544	9.69	3.50	13.19
34	53.146674	-0.652330	9.64	3.50	13.14
35	53.146501	-0.650989	8.94	3.50	12.44
36	53.146829	-0.651064	9.07	3.50	12.57
37	53.147221	-0.650838	9.43	3.50	12.93
38	53.147530	-0.650195	9.95	3.50	13.45
39	53.148058	-0.647824	10.34	3.50	13.84
40	53.149293	-0.647502	11.75	3.50	15.25
41	53.149364	-0.647008	11.40	3.50	14.90
42	53.149004	-0.645163	9.84	3.50	13.34
43	53.149068	-0.644702	10.07	3.50	13.57
44	53.149589	-0.644659	10.09	3.50	13.59
45	53.150246	-0.645152	10.47	3.50	13.97
46	53.150709	-0.646118	10.77	3.50	14.27
47	53.150861	-0.646854	11.55	3.50	15.05
48	53.152186	-0.646683	10.55	3.50	14.05
49	53.152302	-0.648378	10.85	3.50	14.35
50	53.152559	-0.648356	11.03	3.50	14.53
51	53.152650	-0.647820	11.33	3.50	14.83
52	53.152843	-0.647562	10.51	3.50	14.01
53	53.152984	-0.648185	10.54	3.50	14.04
54	53.153396	-0.648850	10.72	3.50	14.22
55	53.153821	-0.649000	11.70	3.50	15.20
56	53.153821	-0.647176	11.57	3.50	15.07
57	53.157030	-0.647114	18.62	3.50	22.12
58	53.157911	-0.650923	21.21	3.50	24.71
59	53.159526	-0.650773	24.30	3.50	27.80
60	53.159841	-0.651545	25.93	3.50	29.43
61	53.160478	-0.652318	28.32	3.50	31.82
62	53.160542	-0.654142	27.00	3.50	30.50
63	53.161668	-0.654152	28.25	3.50	31.75
64	53.162003	-0.653691	27.32	3.50	30.82

65	53.161359	-0.652489	27.84	3.50	31.34
66	53.161314	-0.650848	28.23	3.50	31.73

Name: PV array 8
Footprint area: 15,661 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.149067	-0.644094	9.24	3.50	12.74
2	53.149505	-0.644029	9.82	3.50	13.32
3	53.149878	-0.644094	9.57	3.50	13.07
4	53.150888	-0.643353	9.27	3.50	12.77
5	53.150521	-0.642002	8.25	3.50	11.75
6	53.149871	-0.642806	8.50	3.50	12.00
7	53.149472	-0.642796	8.80	3.50	12.30
8	53.149215	-0.643192	8.74	3.50	12.24
9	53.149022	-0.644072	9.17	3.50	12.67

Name: PV array 9
Footprint area: 49,241 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.144976	-0.656695	12.95	3.50	16.45
2	53.143226	-0.656438	10.07	3.50	13.57
3	53.143174	-0.652897	8.94	3.50	12.44
4	53.143895	-0.652533	9.13	3.50	12.63
5	53.144204	-0.652533	9.20	3.50	12.70
6	53.144680	-0.653133	9.45	3.50	12.95
7	53.144912	-0.653048	9.39	3.50	12.89

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	53.178847	-0.685276	15.00	2.00	17.00
OP 2	53.178503	-0.685062	15.31	2.00	17.31
OP 3	53.179233	-0.680953	16.57	2.00	18.57
OP 4	53.177272	-0.683742	16.23	2.00	18.23
OP 5	53.176732	-0.681398	16.77	2.00	18.77
OP 6	53.174867	-0.681446	18.32	2.00	20.32
OP 7	53.181350	-0.665103	18.07	2.00	20.07
OP 8	53.166916	-0.697365	16.00	2.00	18.00
OP 9	53.167672	-0.696802	16.00	2.00	18.00
OP 10	53.167187	-0.695337	16.55	2.00	18.55
OP 11	53.168167	-0.693395	19.25	2.00	21.25
OP 12	53.168103	-1.000000	59.06	2.00	61.06
OP 13	53.171087	-0.689495	15.99	2.00	17.99
OP 14	53.169312	-0.689334	17.05	2.00	19.05
OP 15	53.168968	-0.685070	17.05	2.00	19.05
OP 16	53.167560	-0.685070	16.96	2.00	18.96
OP 17	53.166858	-0.686582	17.77	2.00	19.77
OP 18	53.164446	-0.686212	17.68	2.00	19.68
OP 19	53.164099	-0.684211	17.00	2.00	19.00
OP 20	53.162600	-0.690509	22.15	2.00	24.15
OP 21	53.163372	-0.682398	16.00	2.00	18.00
OP 22	53.163687	-0.680472	18.23	2.00	20.23
OP 23	53.165829	-0.679126	18.00	2.00	20.00
OP 24	53.165305	-0.678826	18.25	2.00	20.25
OP 25	53.162874	-0.678611	17.30	2.00	19.30
OP 26	53.163739	-0.677817	17.31	2.00	19.31
OP 27	53.163337	-0.676631	17.16	2.00	19.16
OP 28	53.169822	-0.663576	19.71	2.00	21.71
OP 29	53.166365	-0.659163	21.73	2.00	23.73
OP 30	53.158179	-0.687342	17.58	2.00	19.58
OP 31	53.157684	-0.685008	16.52	2.00	18.52
OP 32	53.157816	-0.684102	16.80	2.00	18.80
OP 33	53.157851	-0.683480	17.00	2.00	19.00
OP 34	53.157793	-0.682750	16.76	2.00	18.76
OP 35	53.155770	-0.673615	16.03	2.00	18.03
OP 36	53.156224	-0.672526	16.36	2.00	18.36
OP 37	53.157285	-0.670193	17.01	2.00	19.01
OP 38	53.167656	-0.653405	18.01	2.00	20.01
OP 39	53.166768	-0.652509	17.24	2.00	19.24
OP 40	53.165566	-0.651962	22.06	2.00	24.06
OP 41	53.165000	-0.652504	23.45	2.00	25.45
OP 42	53.184351	-0.636695	14.83	2.00	16.83
OP 43	53.183978	-0.634571	14.04	2.00	16.04
OP 44	53.183785	-0.632999	12.62	2.00	14.62
OP 45	53.183660	-0.631524	13.90	2.00	15.90
OP 46	53.183441	-0.629915	14.41	2.00	16.41
OP 47	53.183445	-0.629196	15.15	2.00	17.15
OP 48	53.183310	-0.638487	15.14	2.00	17.14
OP 49	53.183081	-0.639356	14.34	2.00	16.34
OP 50	53.182326	-0.639200	15.73	2.00	17.73
OP 51	53.181583	-0.639485	16.28	2.00	18.28
OP 52	53.179900	-0.648513	27.60	2.00	29.60
OP 53	53.180430	-0.647279	26.87	2.00	28.87
OP 54	53.180253	-0.644913	26.22	2.00	28.22
OP 55	53.180186	-0.642945	25.84	2.00	27.84
OP 56	53.181478	-0.642741	17.41	2.00	19.41
OP 57	53.180745	-0.640842	20.46	2.00	22.46
OP 58	53.180064	-0.639340	22.48	2.00	24.48
OP 59	53.178681	-0.639747	24.28	2.00	26.28
OP 60	53.177807	-0.639951	24.76	2.00	26.76
OP 61	53.177286	-0.638428	24.08	2.00	26.08
OP 62	53.176495	-0.641732	19.50	2.00	21.50
OP 63	53.175788	-0.642687	17.92	2.00	19.92

OP 64	53.178064	-0.643417	25.98	2.00	27.98
OP 65	53.178488	-0.645101	25.79	2.00	27.79
OP 66	53.178818	-0.647063	26.95	2.00	28.95
OP 67	53.179185	-0.648061	26.29	2.00	28.29
OP 68	53.180790	-0.635035	14.35	2.00	16.35
OP 69	53.180511	-0.633855	14.70	2.00	16.70
OP 70	53.179517	-0.634917	16.73	2.00	18.73
OP 71	53.176633	-0.647615	19.28	2.00	21.28
OP 72	53.169651	-0.641163	16.28	2.00	18.28
OP 73	53.168761	-0.641528	17.28	2.00	19.28
OP 74	53.168015	-0.641184	16.52	2.00	18.52
OP 75	53.167555	-0.642155	18.35	2.00	20.35
OP 76	53.166870	-0.639870	15.29	2.00	17.29
OP 77	53.166143	-0.638556	13.78	2.00	15.78
OP 78	53.170144	-0.632233	11.08	2.00	13.08
OP 79	53.164130	-0.625550	12.62	2.00	14.62
OP 80	53.161948	-0.624499	11.16	2.00	13.16

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
PV array 1	SA tracking	SA tracking	20,401	1,569	-	-
PV array 10	SA tracking	SA tracking	6,289	0	-	-
PV array 11	SA tracking	SA tracking	0	0	-	-
PV array 12	SA tracking	SA tracking	3,067	0	-	-
PV array 13	SA tracking	SA tracking	0	0	-	-
PV array 14	SA tracking	SA tracking	84,012	0	-	-
PV array 15	SA tracking	SA tracking	1,269	0	-	-
PV array 2	SA tracking	SA tracking	9,334	99	-	-
PV array 3	SA tracking	SA tracking	3,587	166	-	-
PV array 4	SA tracking	SA tracking	37,207	8,747	-	-
PV array 5	SA tracking	SA tracking	10,095	0	-	-
PV array 6	SA tracking	SA tracking	102,568	14,283	-	-
PV array 7	SA tracking	SA tracking	922	0	-	-
PV array 8	SA tracking	SA tracking	0	0	-	-
PV array 9	SA tracking	SA tracking	0	0	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
pv-array-1 (green)	0	73	223	331	722	852	616	609	199	131	9	0
pv-array-1 (yellow)	0	0	0	0	0	4	0	3	0	0	0	0
pv-array-10 (green)	321	0	0	0	0	0	0	0	0	124	190	371
pv-array-10 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-12 (green)	76	1	0	0	0	0	0	0	28	22	22	177
pv-array-12 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-14 (green)	1840	0	23	0	0	0	0	0	8	0	681	4251
pv-array-14 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-15 (green)	84	0	0	0	0	0	0	0	0	0	0	207
pv-array-15 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-2 (green)	13	0	0	10	402	376	416	52	221	83	278	0
pv-array-2 (yellow)	0	0	0	0	6	47	23	0	0	1	0	0
pv-array-3 (green)	0	0	0	253	250	110	85	233	13	19	0	0
pv-array-3 (yellow)	0	0	0	5	39	0	10	7	0	0	0	0
pv-array-4 (green)	1375	340	5	0	0	0	0	0	0	153	872	4075
pv-array-4 (yellow)	285	0	0	0	0	0	0	0	0	16	248	200
pv-array-5 (green)	0	0	0	229	526	167	345	352	19	0	0	0
pv-array-5 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-6 (green)	2996	207	90	3	0	0	0	0	63	137	1910	3963
pv-array-6 (yellow)	162	3	0	0	0	0	0	0	0	2	97	475
pv-array-7 (green)	0	0	0	0	39	64	16	98	31	1	0	0
pv-array-7 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

PV array 1 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	633	0
OP: OP 9	632	0
OP: OP 10	627	0
OP: OP 11	744	0
OP: OP 12	0	0
OP: OP 13	623	0
OP: OP 14	726	0
OP: OP 15	806	85
OP: OP 16	847	224
OP: OP 17	827	182
OP: OP 18	785	48
OP: OP 19	1123	0
OP: OP 20	674	0
OP: OP 21	1124	0
OP: OP 22	1116	106
OP: OP 23	1696	733
OP: OP 24	2185	174
OP: OP 25	1015	0
OP: OP 26	1338	17
OP: OP 27	917	0
OP: OP 28	0	0
OP: OP 29	116	0
OP: OP 30	373	0
OP: OP 31	404	0
OP: OP 32	420	0
OP: OP 33	384	0
OP: OP 34	247	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	19	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0

OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

PV array 1: OP 1

No glare found

PV array 1: OP 2

No glare found

PV array 1: OP 3

No glare found

PV array 1: OP 4

No glare found

PV array 1: OP 5

No glare found

PV array 1: OP 6

No glare found

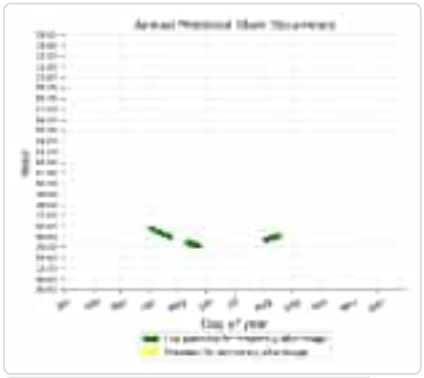
PV array 1: OP 7

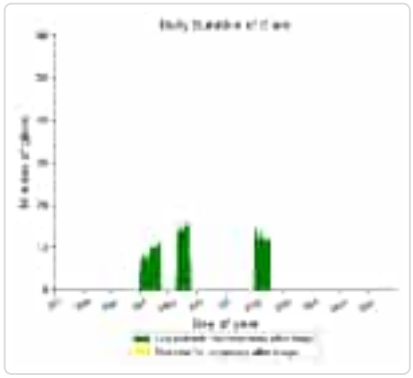
No glare found

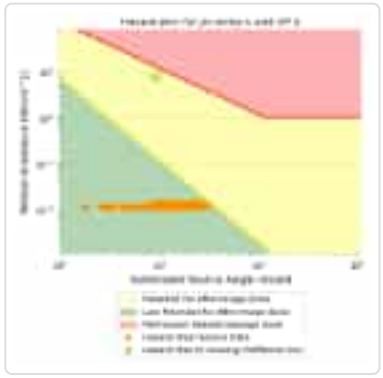
PV array 1: OP 8

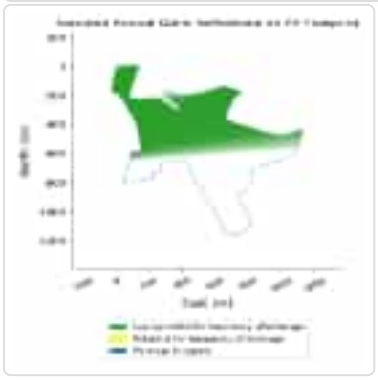
PV array is expected to produce the following glare for this receptor:

- 633 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





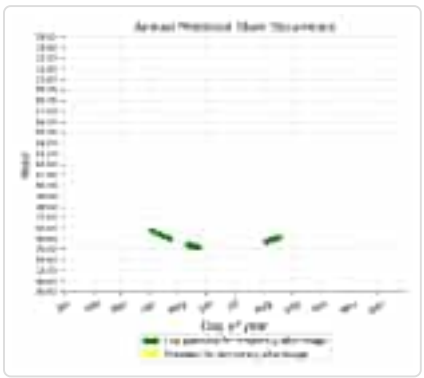


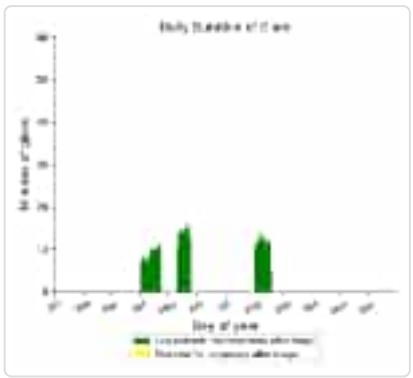


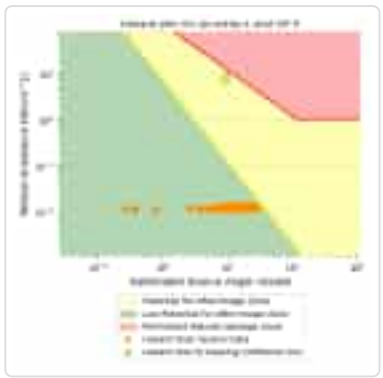
PV array 1: OP 9

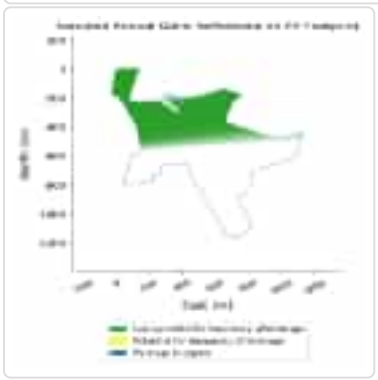
PV array is expected to produce the following glare for this receptor:

- 632 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





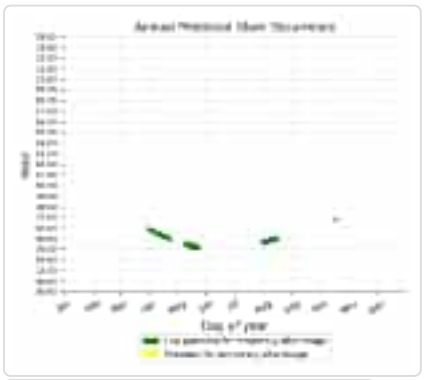


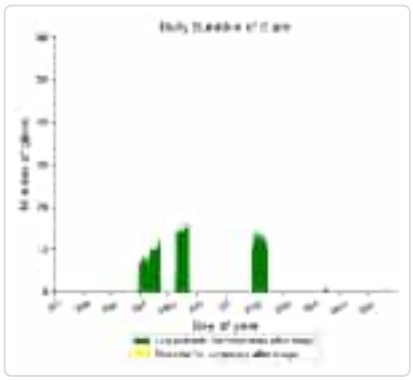


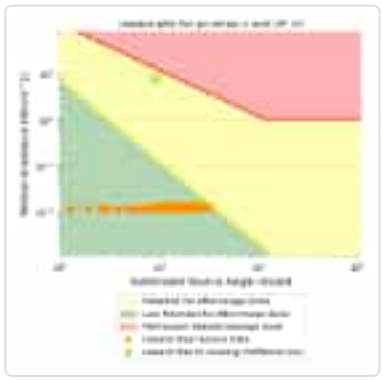
PV array 1: OP 10

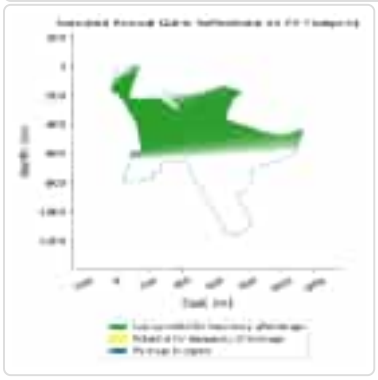
PV array is expected to produce the following glare for this receptor:

- 627 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





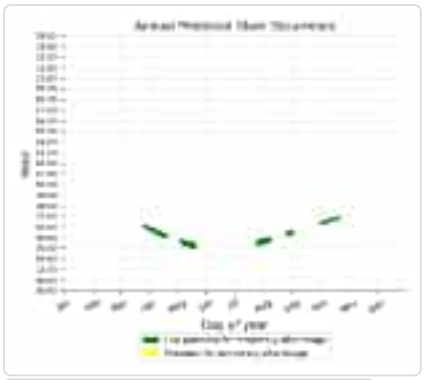


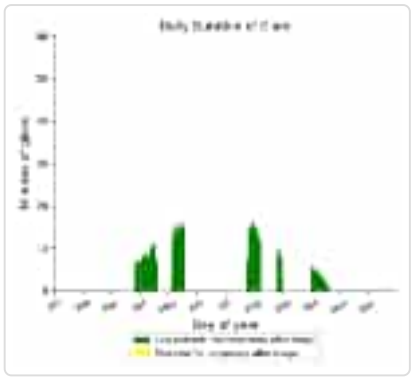


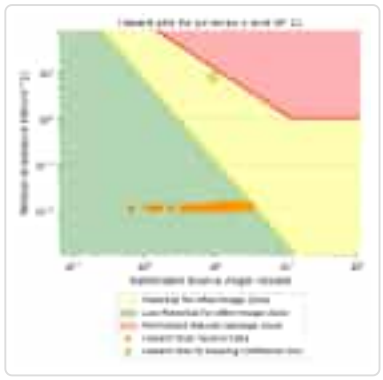
PV array 1: OP 11

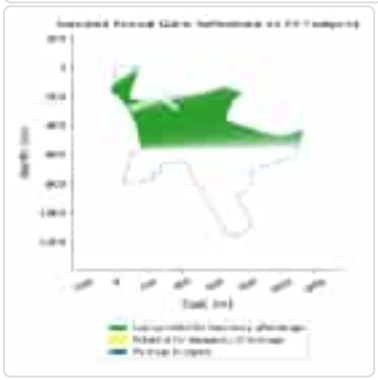
PV array is expected to produce the following glare for this receptor:

- 744 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









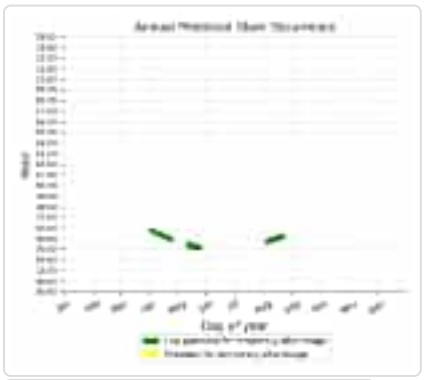
PV array 1: OP 12

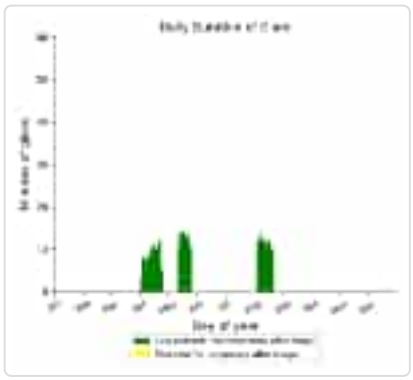
No glare found

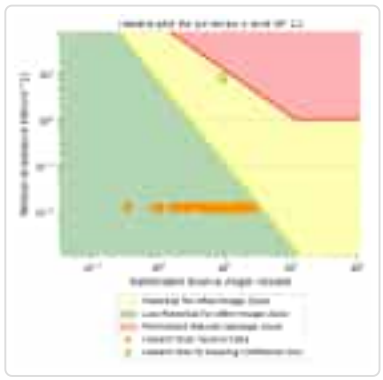
PV array 1: OP 13

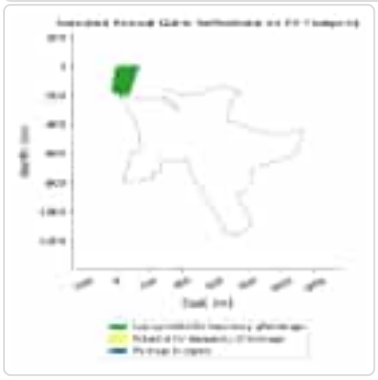
PV array is expected to produce the following glare for this receptor:

- 623 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





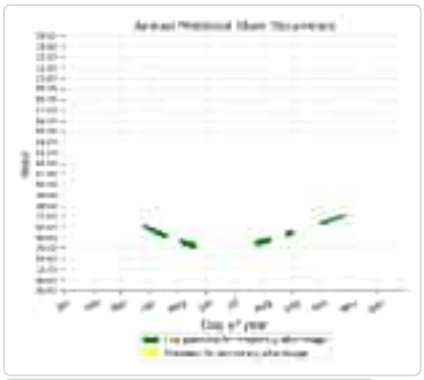


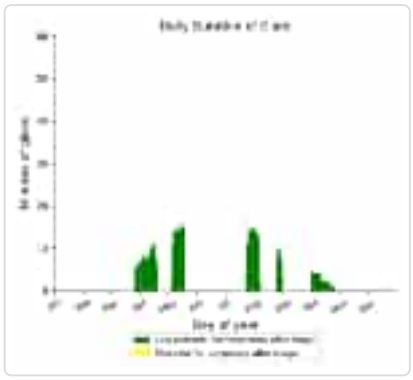


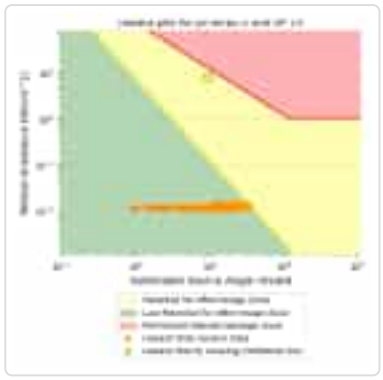
PV array 1: OP 14

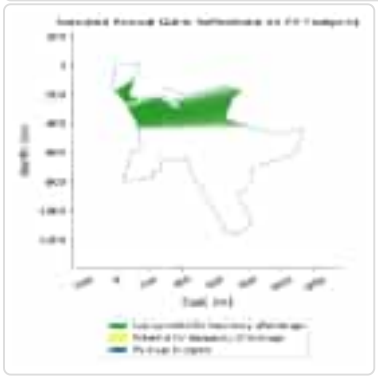
PV array is expected to produce the following glare for this receptor:

- 726 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





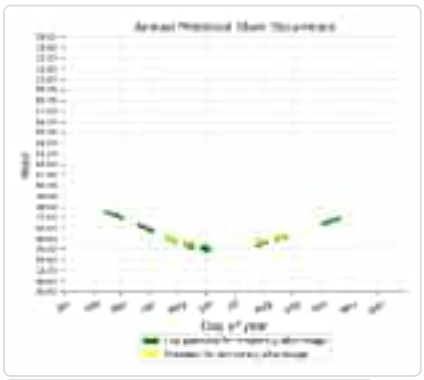


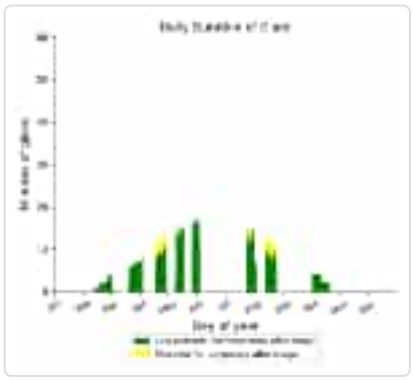


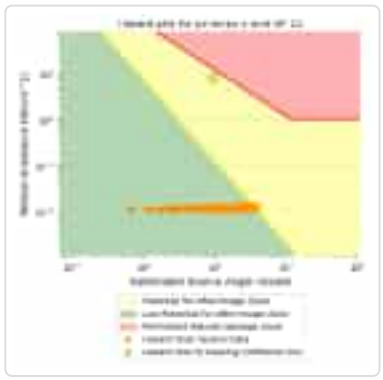
PV array 1: OP 15

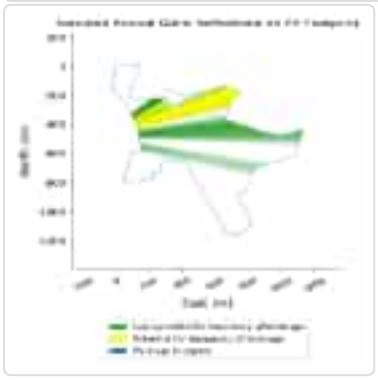
PV array is expected to produce the following glare for this receptor:

- 806 minutes of "green" glare with low potential to cause temporary after-image.
- 85 minutes of "yellow" glare with potential to cause temporary after-image.





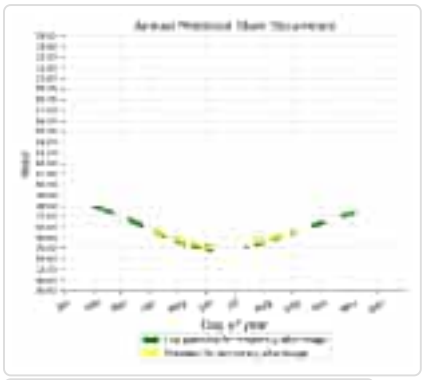


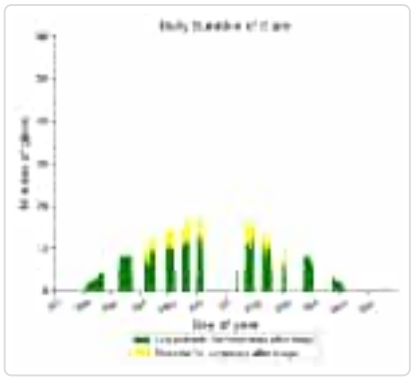


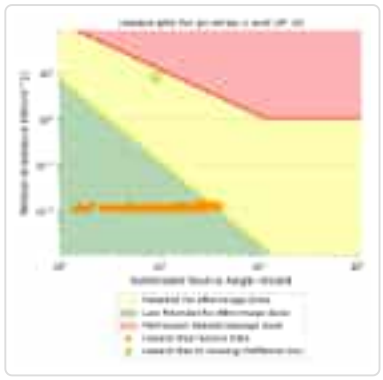
PV array 1: OP 16

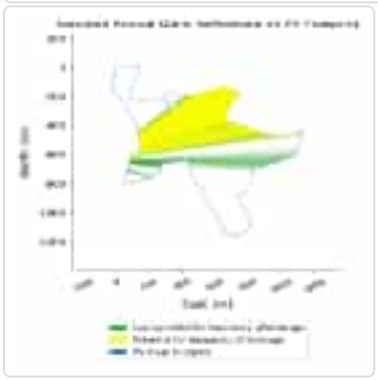
PV array is expected to produce the following glare for this receptor:

- 847 minutes of "green" glare with low potential to cause temporary after-image.
- 224 minutes of "yellow" glare with potential to cause temporary after-image.





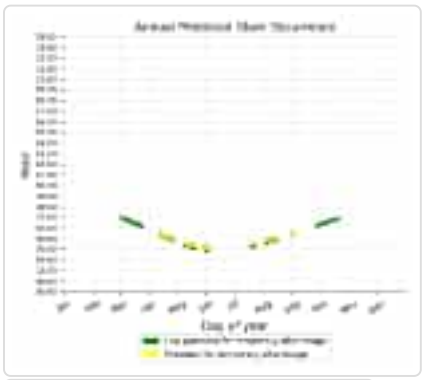


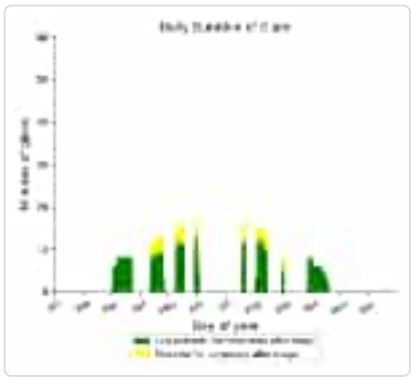


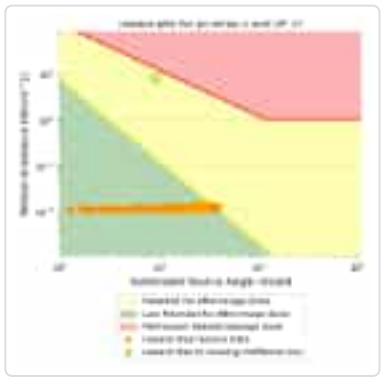
PV array 1: OP 17

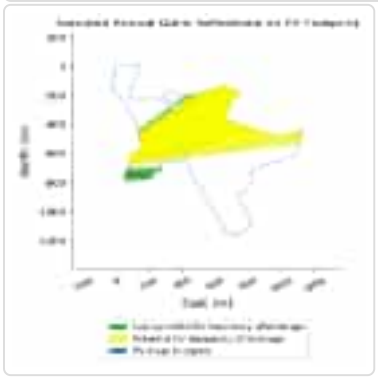
PV array is expected to produce the following glare for this receptor:

- 827 minutes of "green" glare with low potential to cause temporary after-image.
- 182 minutes of "yellow" glare with potential to cause temporary after-image.





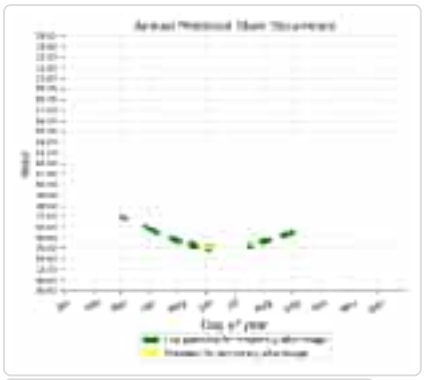


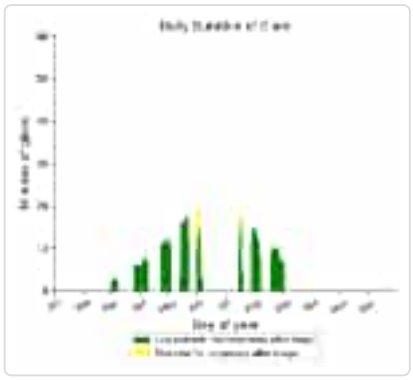


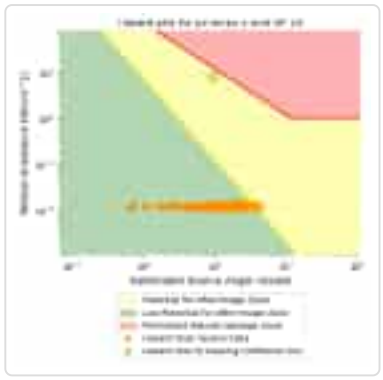
PV array 1: OP 18

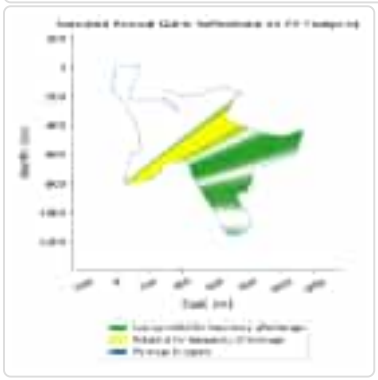
PV array is expected to produce the following glare for this receptor:

- 785 minutes of "green" glare with low potential to cause temporary after-image.
- 48 minutes of "yellow" glare with potential to cause temporary after-image.





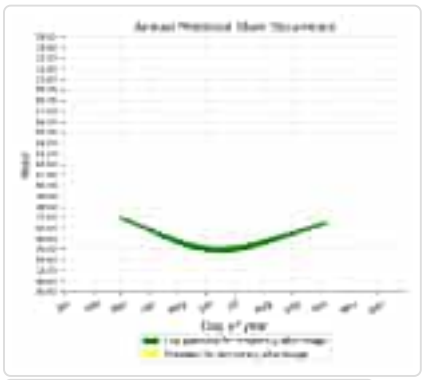


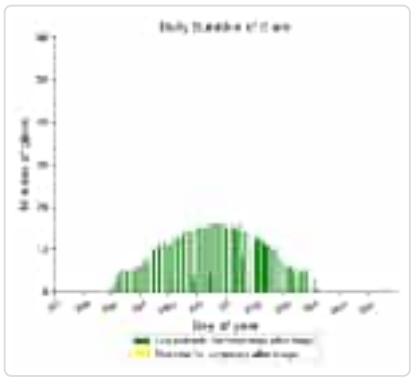


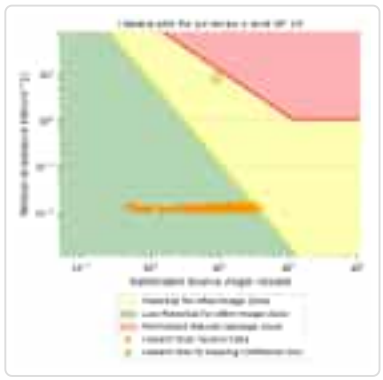
PV array 1: OP 19

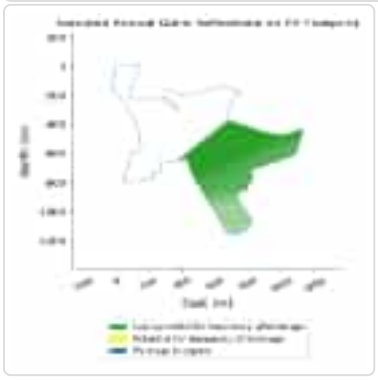
PV array is expected to produce the following glare for this receptor:

- 1,123 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





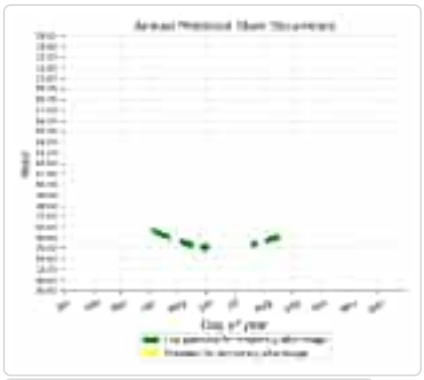


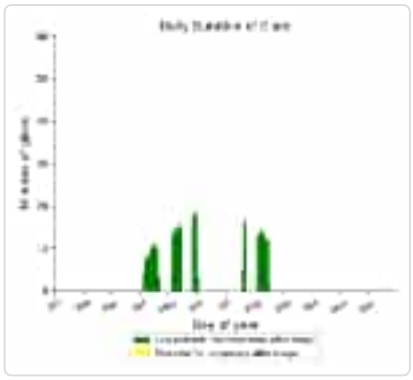


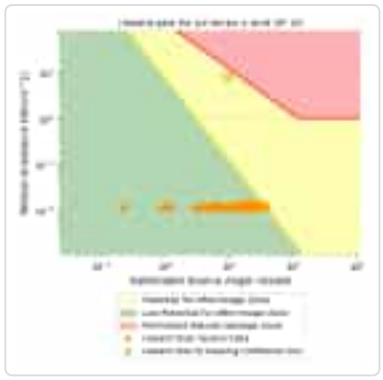
PV array 1: OP 20

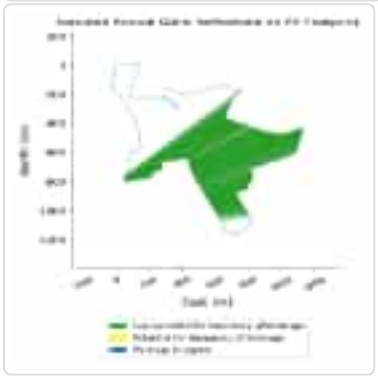
PV array is expected to produce the following glare for this receptor:

- 674 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





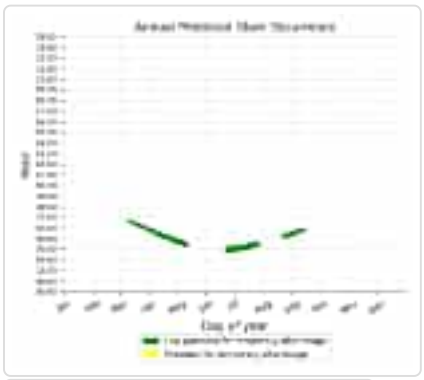


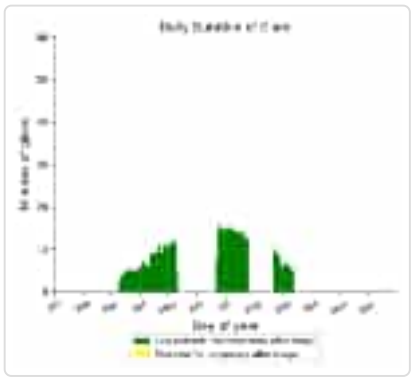


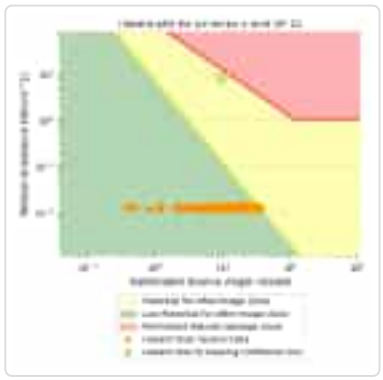
PV array 1: OP 21

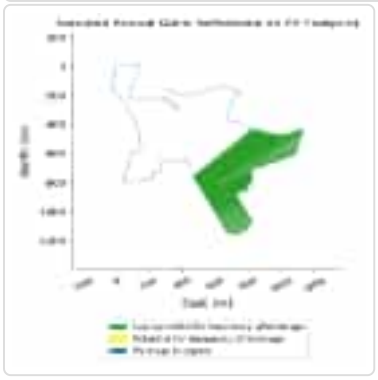
PV array is expected to produce the following glare for this receptor:

- 1,124 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





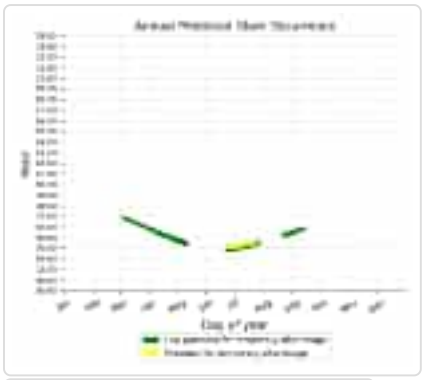


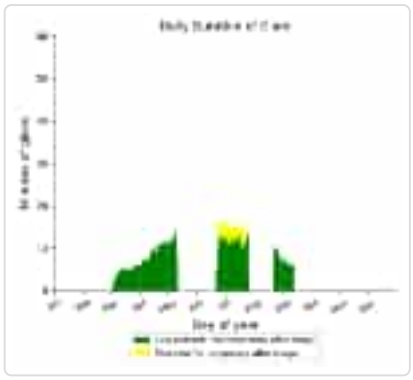


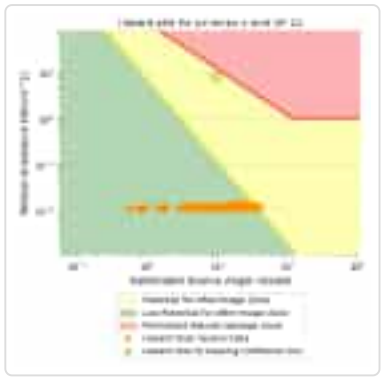
PV array 1: OP 22

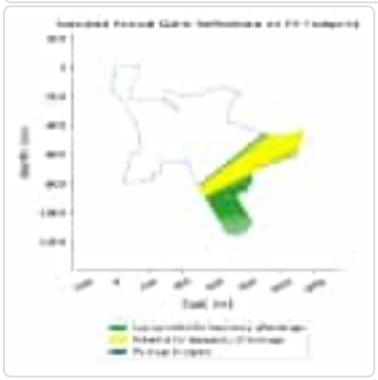
PV array is expected to produce the following glare for this receptor:

- 1,116 minutes of "green" glare with low potential to cause temporary after-image.
- 106 minutes of "yellow" glare with potential to cause temporary after-image.





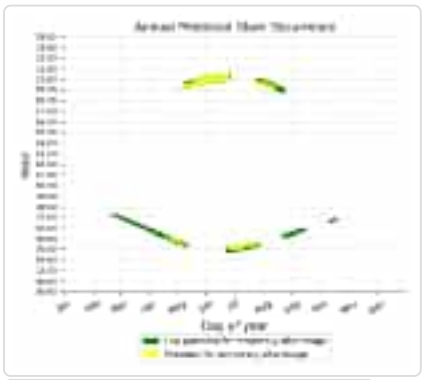


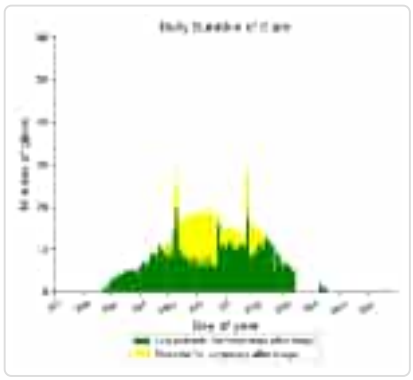


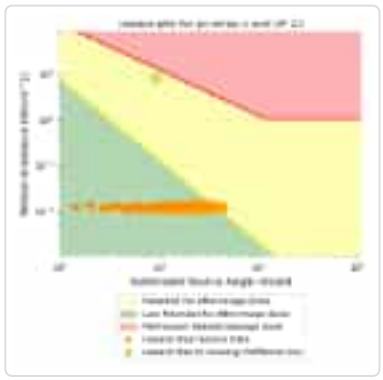
PV array 1: OP 23

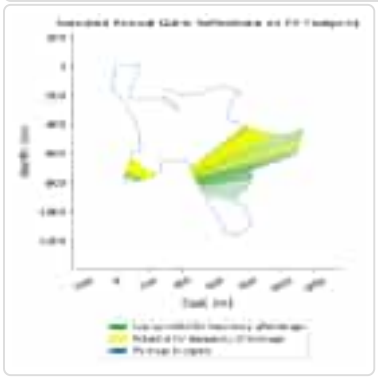
PV array is expected to produce the following glare for this receptor:

- 1,696 minutes of "green" glare with low potential to cause temporary after-image.
- 733 minutes of "yellow" glare with potential to cause temporary after-image.





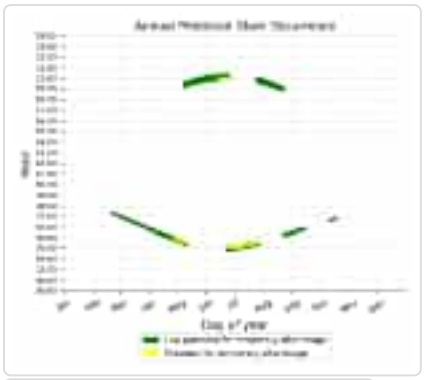


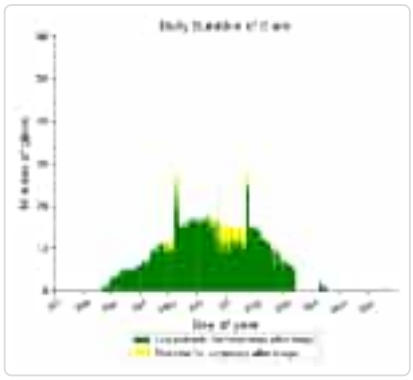


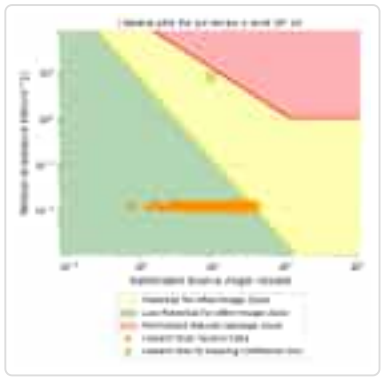
PV array 1: OP 24

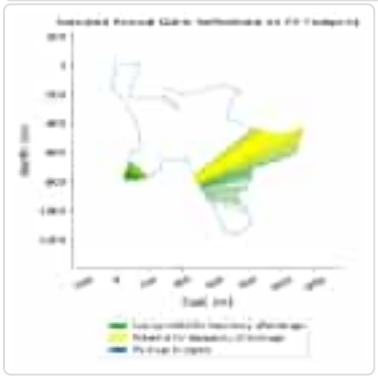
PV array is expected to produce the following glare for this receptor:

- 2,185 minutes of "green" glare with low potential to cause temporary after-image.
- 174 minutes of "yellow" glare with potential to cause temporary after-image.





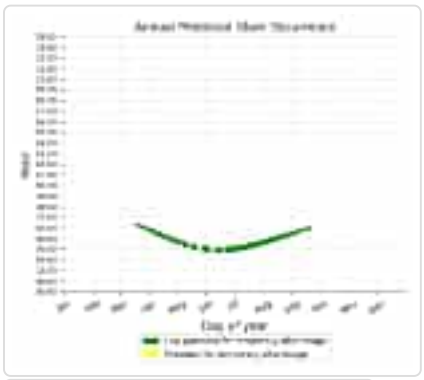


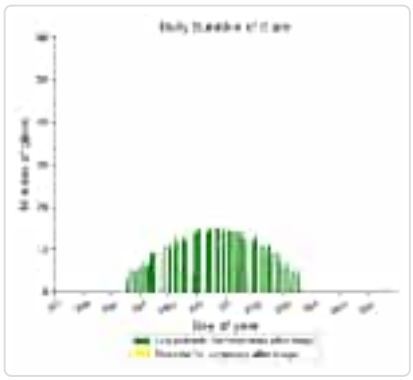


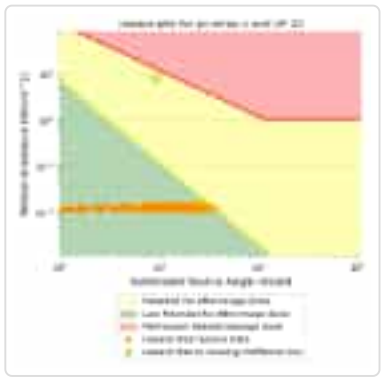
PV array 1: OP 25

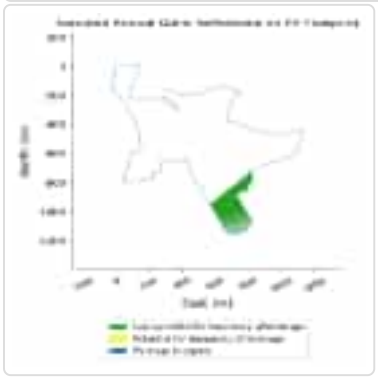
PV array is expected to produce the following glare for this receptor:

- 1,015 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





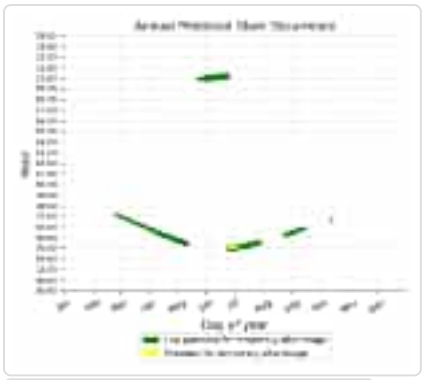


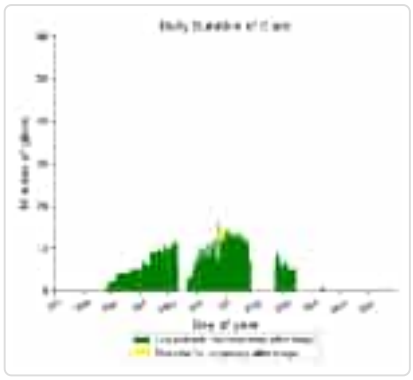


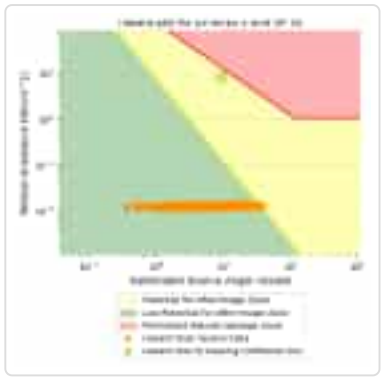
PV array 1: OP 26

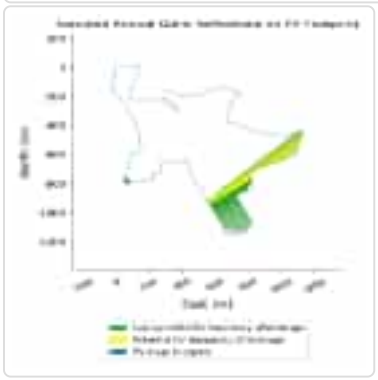
PV array is expected to produce the following glare for this receptor:

- 1,338 minutes of "green" glare with low potential to cause temporary after-image.
- 17 minutes of "yellow" glare with potential to cause temporary after-image.





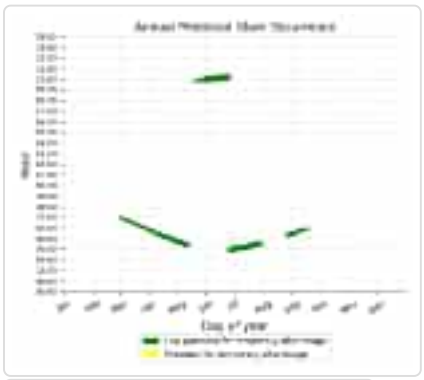


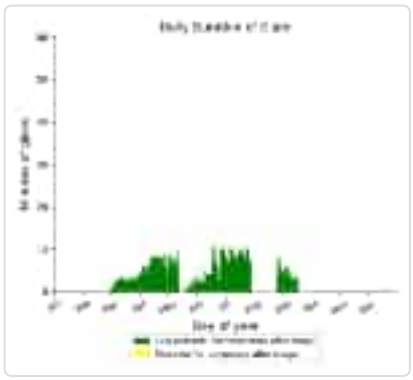


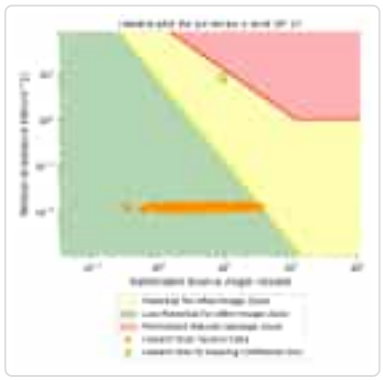
PV array 1: OP 27

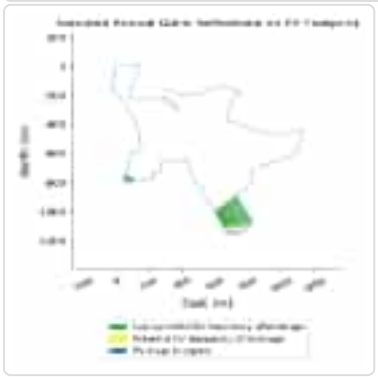
PV array is expected to produce the following glare for this receptor:

- 917 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









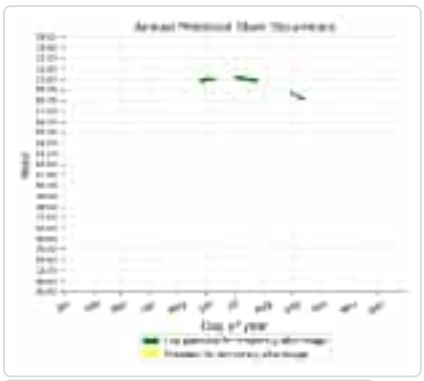
PV array 1: OP 28

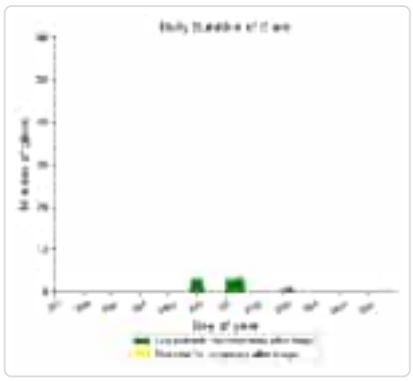
No glare found

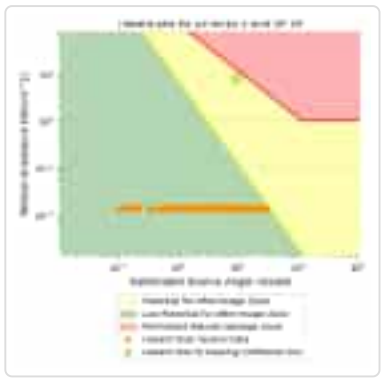
PV array 1: OP 29

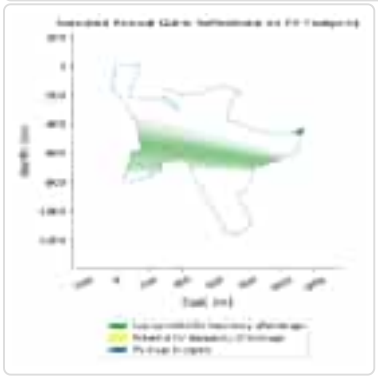
PV array is expected to produce the following glare for this receptor:

- 116 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





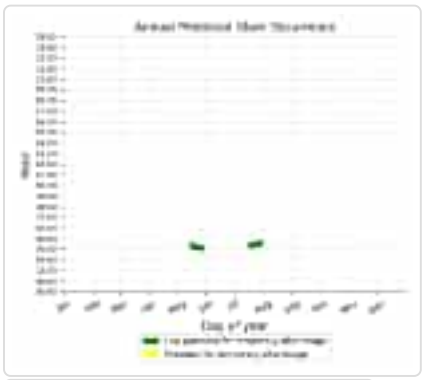


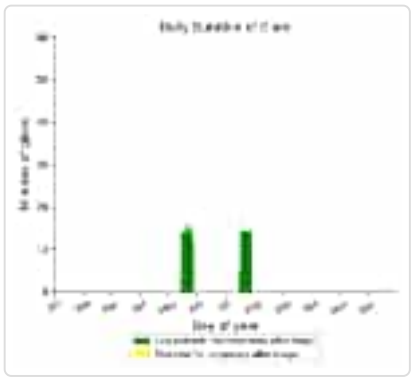


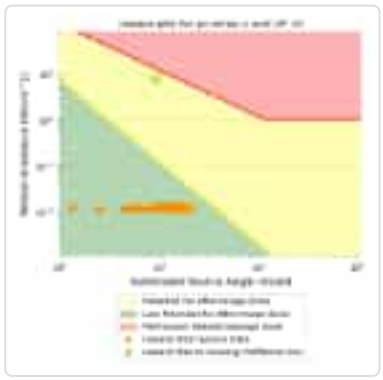
PV array 1: OP 30

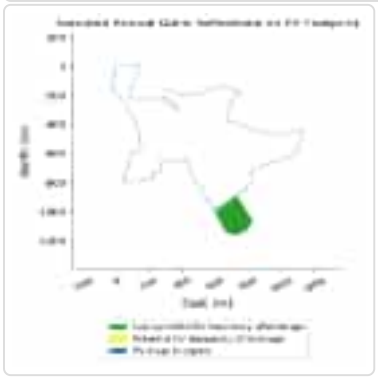
PV array is expected to produce the following glare for this receptor:

- 373 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





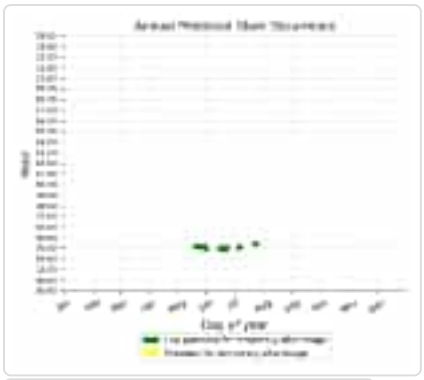


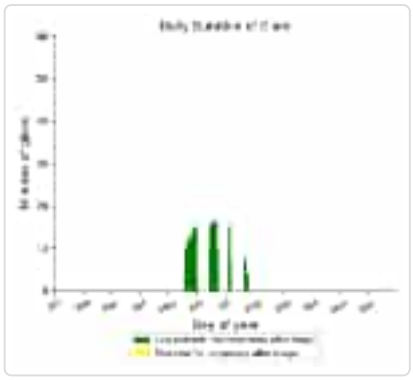


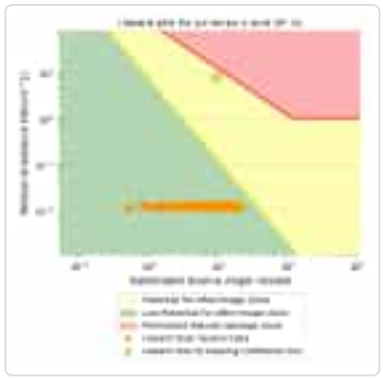
PV array 1: OP 31

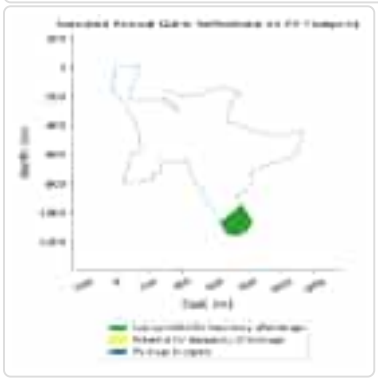
PV array is expected to produce the following glare for this receptor:

- 404 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





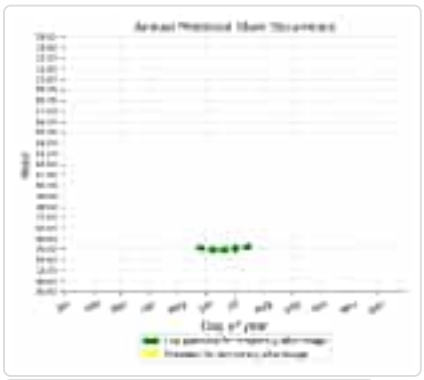


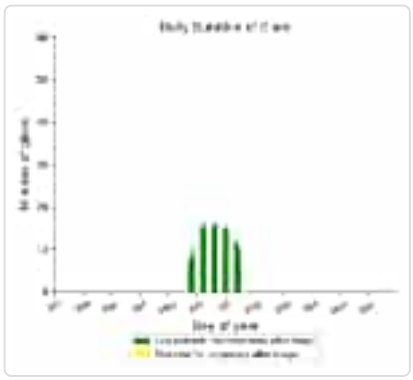


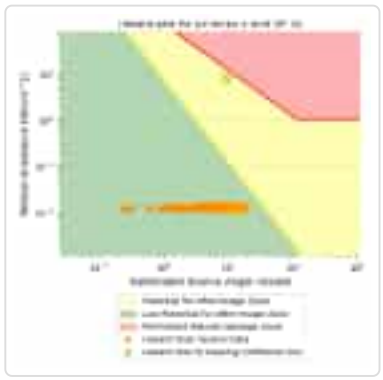
PV array 1: OP 32

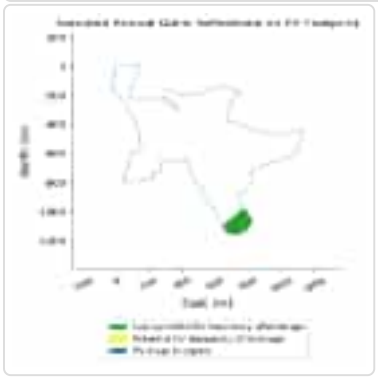
PV array is expected to produce the following glare for this receptor:

- 420 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





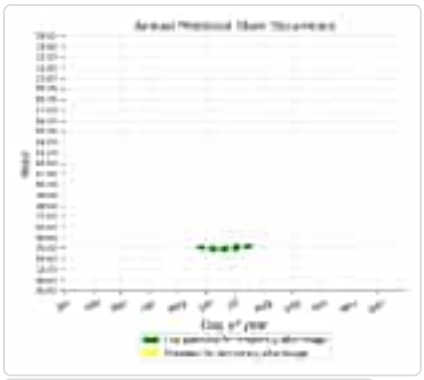


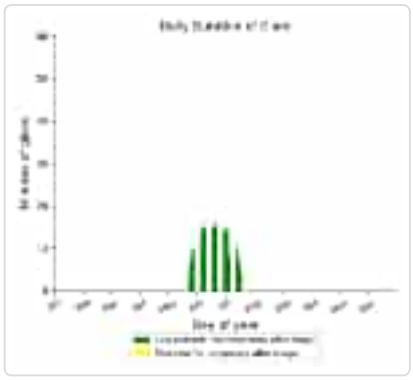


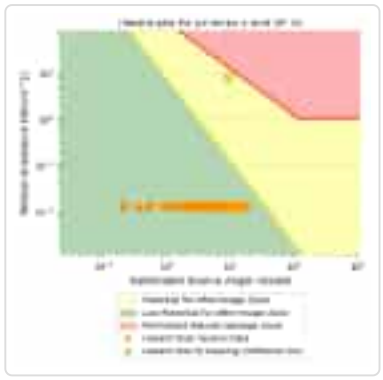
PV array 1: OP 33

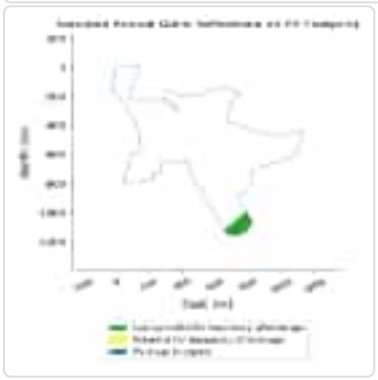
PV array is expected to produce the following glare for this receptor:

- 384 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





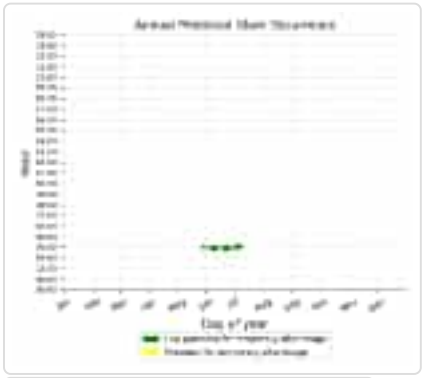


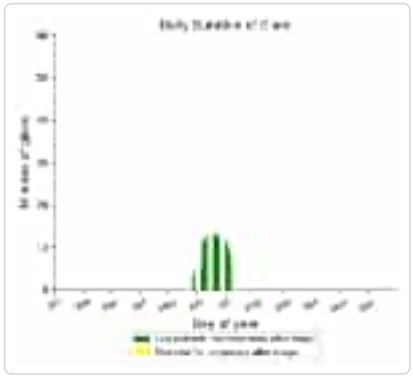


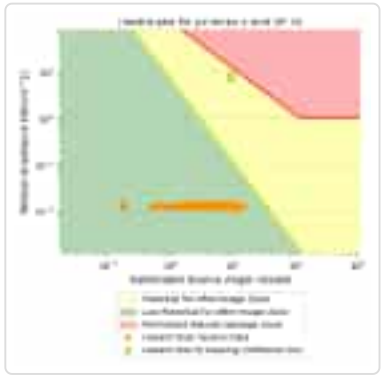
PV array 1: OP 34

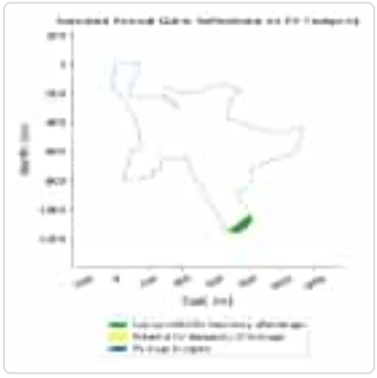
PV array is expected to produce the following glare for this receptor:

- 247 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 35

No glare found

PV array 1: OP 36

No glare found

PV array 1: OP 37

No glare found

PV array 1: OP 38

No glare found

PV array 1: OP 39

No glare found

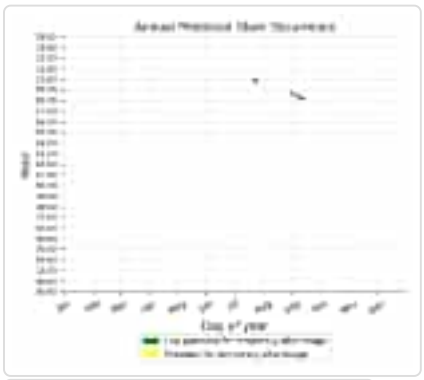
PV array 1: OP 40

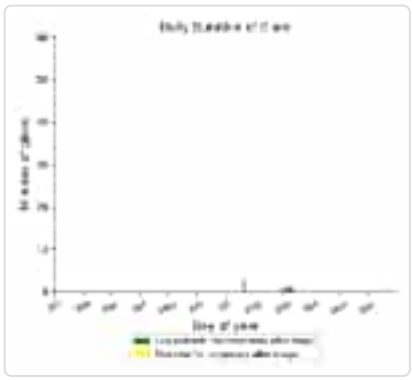
No glare found

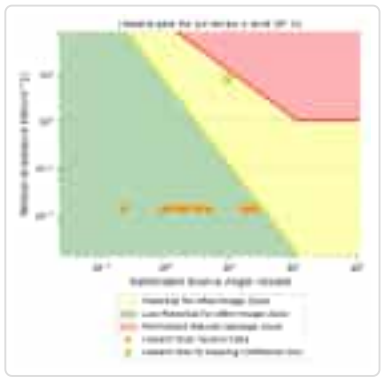
PV array 1: OP 41

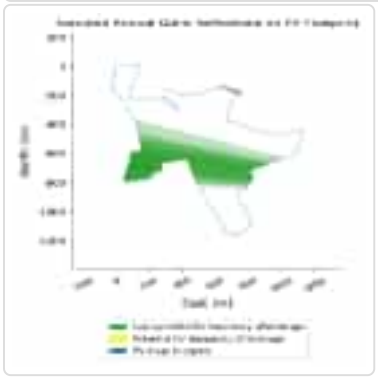
PV array is expected to produce the following glare for this receptor:

- 19 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 42

No glare found

PV array 1: OP 43

No glare found

PV array 1: OP 44

No glare found

PV array 1: OP 45

No glare found

PV array 1: OP 46

No glare found

PV array 1: OP 47

No glare found

PV array 1: OP 48

No glare found

PV array 1: OP 49

No glare found

PV array 1: OP 50

No glare found

PV array 1: OP 51

No glare found

PV array 1: OP 52

No glare found

PV array 1: OP 53

No glare found

PV array 1: OP 54

No glare found

PV array 1: OP 55

No glare found

PV array 1: OP 56

No glare found

PV array 1: OP 57

No glare found

PV array 1: OP 58

No glare found

PV array 1: OP 59

No glare found

PV array 1: OP 60

No glare found

PV array 1: OP 61

No glare found

PV array 1: OP 62

No glare found

PV array 1: OP 63

No glare found

PV array 1: OP 64

No glare found

PV array 1: OP 65

No glare found

PV array 1: OP 66

No glare found

PV array 1: OP 67
No glare found

PV array 1: OP 68
No glare found

PV array 1: OP 69
No glare found

PV array 1: OP 70
No glare found

PV array 1: OP 71
No glare found

PV array 1: OP 72
No glare found

PV array 1: OP 73
No glare found

PV array 1: OP 74
No glare found

PV array 1: OP 75
No glare found

PV array 1: OP 76
No glare found

PV array 1: OP 77
No glare found

PV array 1: OP 78
No glare found

PV array 1: OP 79
No glare found

PV array 1: OP 80
No glare found

PV array 10 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	332	0
OP: OP 2	342	0
OP: OP 3	214	0

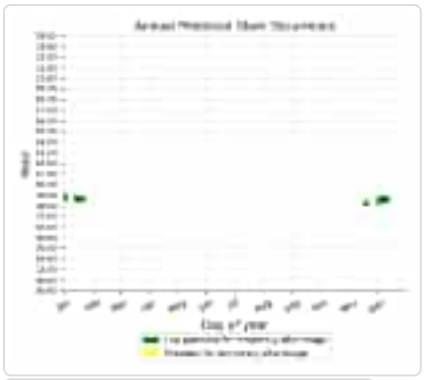
OP: OP 4	328	0
OP: OP 5	349	0
OP: OP 6	425	0
OP: OP 7	0	0
OP: OP 8	55	0
OP: OP 9	75	0
OP: OP 10	77	0
OP: OP 11	101	0
OP: OP 12	0	0
OP: OP 13	227	0
OP: OP 14	181	0
OP: OP 15	230	0
OP: OP 16	179	0
OP: OP 17	137	0
OP: OP 18	86	0
OP: OP 19	92	0
OP: OP 20	76	0
OP: OP 21	98	0
OP: OP 22	124	0
OP: OP 23	230	0
OP: OP 24	235	0
OP: OP 25	121	0
OP: OP 26	180	0
OP: OP 27	182	0
OP: OP 28	222	0
OP: OP 29	300	0
OP: OP 30	109	0
OP: OP 31	113	0
OP: OP 32	110	0
OP: OP 33	114	0
OP: OP 34	117	0
OP: OP 35	119	0
OP: OP 36	135	0
OP: OP 37	178	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	96	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0

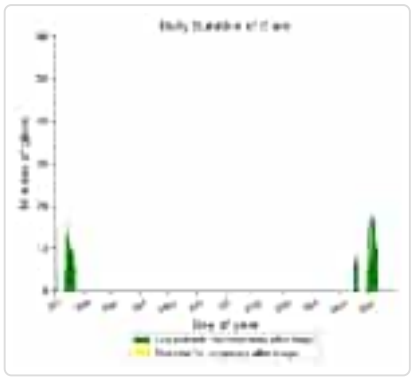
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

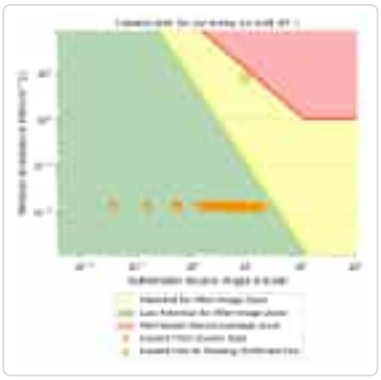
PV array 10: OP 1

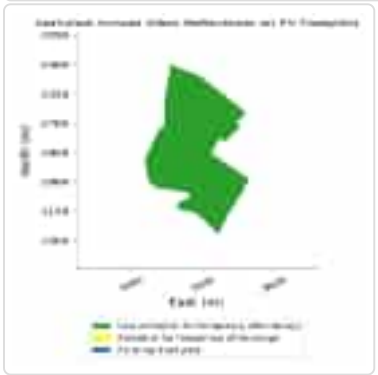
PV array is expected to produce the following glare for this receptor:

- 332 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





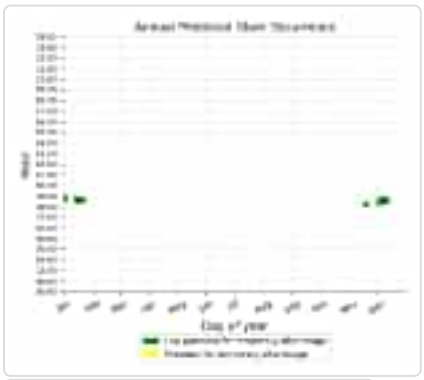


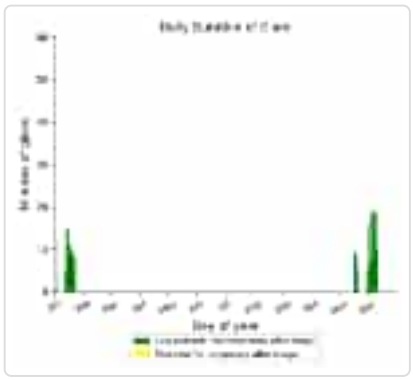


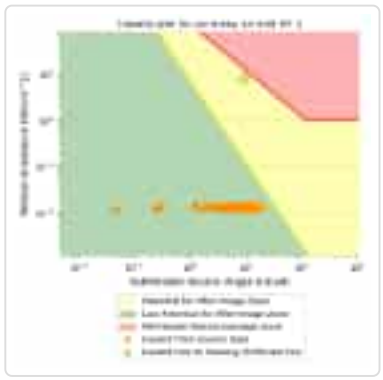
PV array 10: OP 2

PV array is expected to produce the following glare for this receptor:

- 342 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



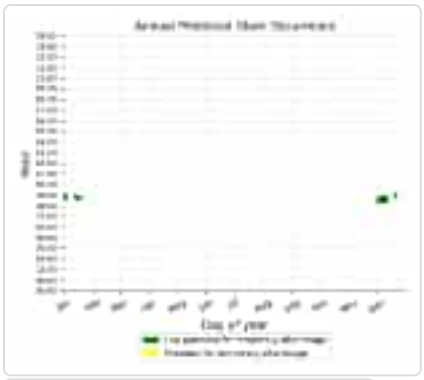


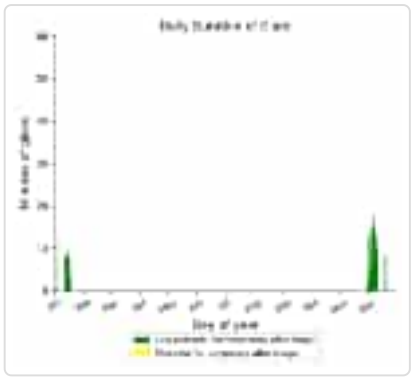


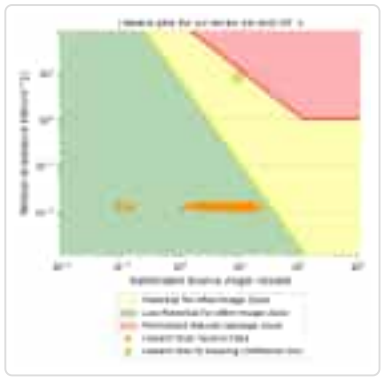
PV array 10: OP 3

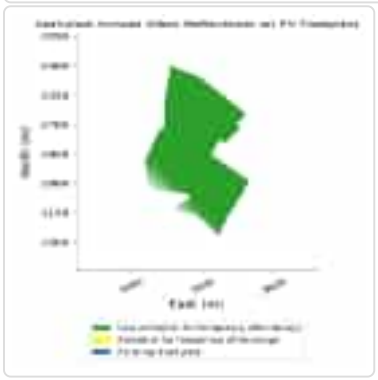
PV array is expected to produce the following glare for this receptor:

- 214 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





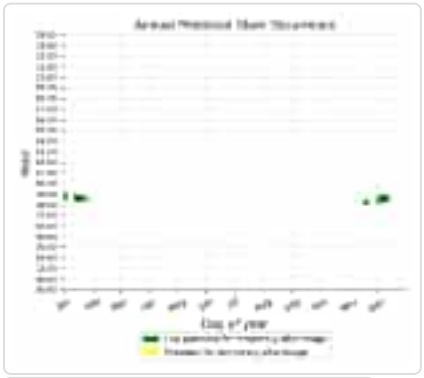


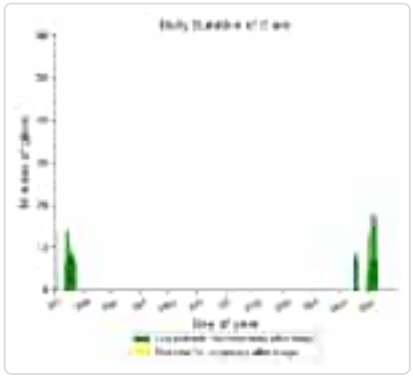


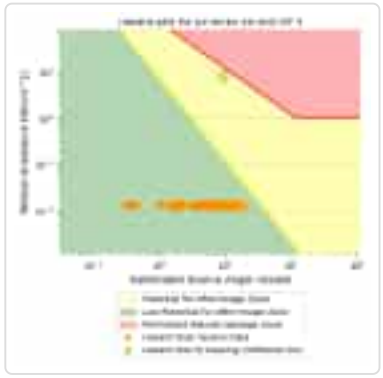
PV array 10: OP 4

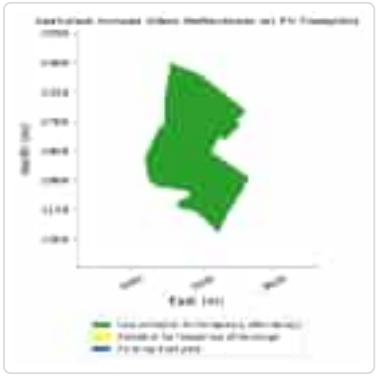
PV array is expected to produce the following glare for this receptor:

- 328 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





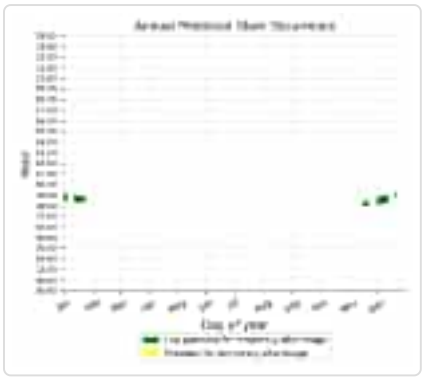


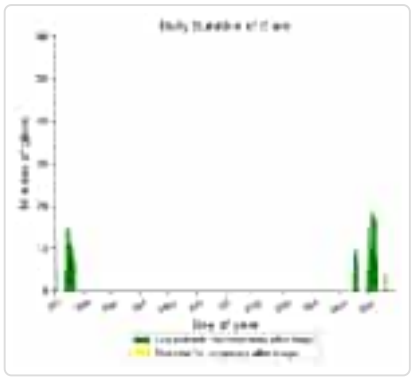


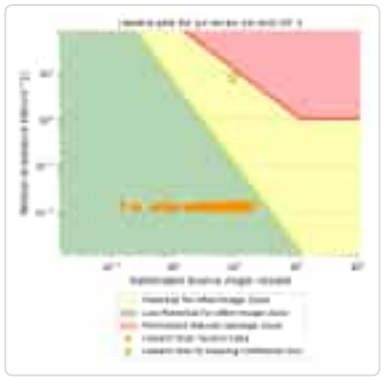
PV array 10: OP 5

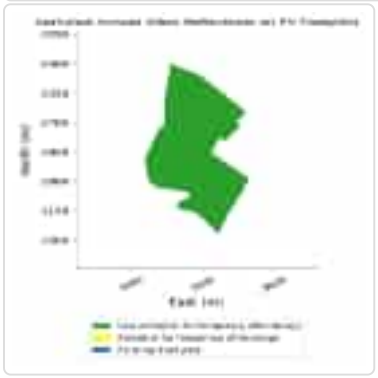
PV array is expected to produce the following glare for this receptor:

- 349 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





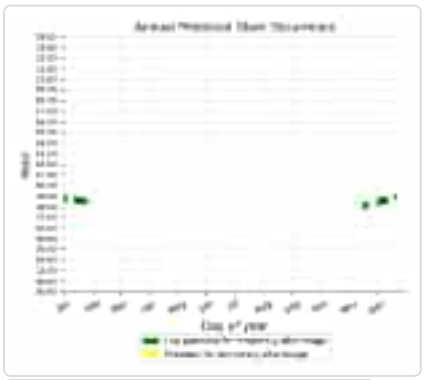


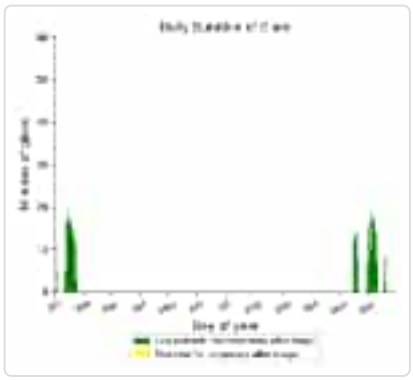


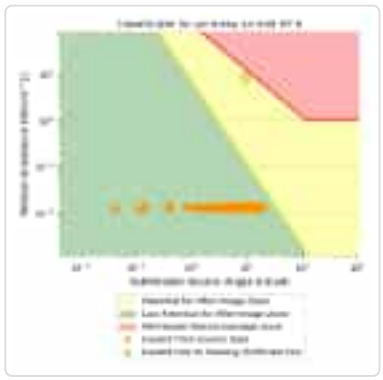
PV array 10: OP 6

PV array is expected to produce the following glare for this receptor:

- 425 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







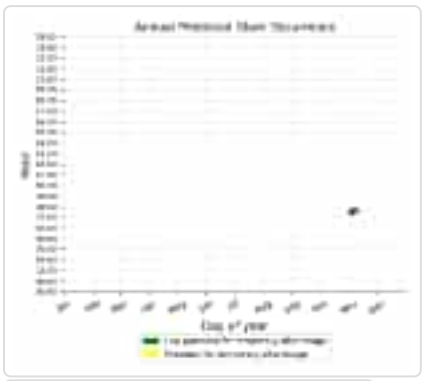
PV array 10: OP 7

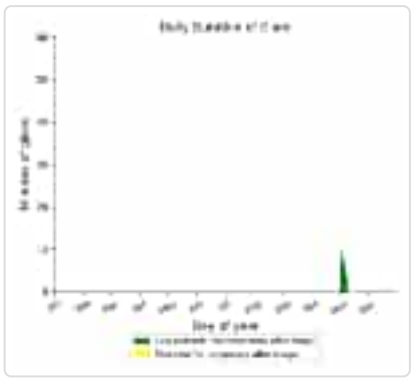
No glare found

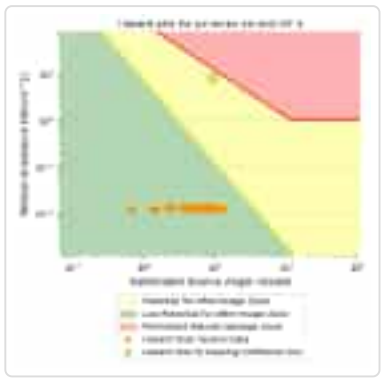
PV array 10: OP 8

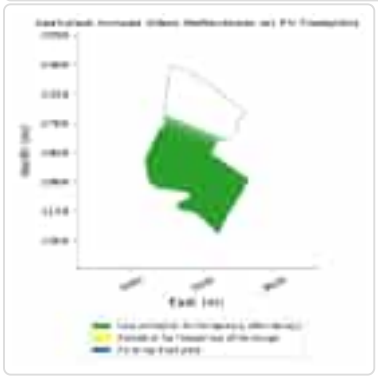
PV array is expected to produce the following glare for this receptor:

- 55 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





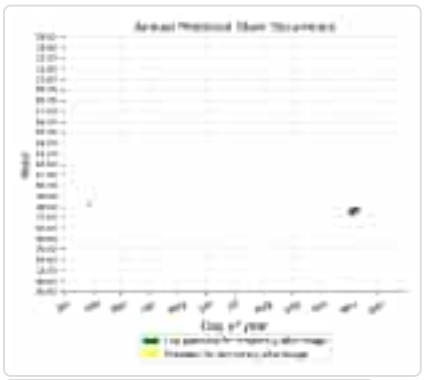


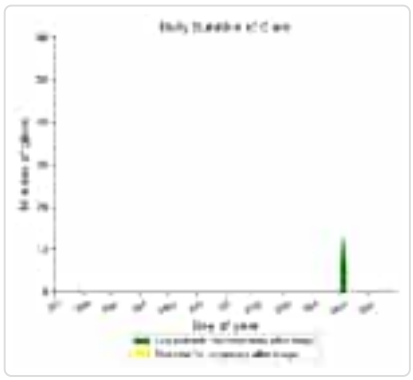


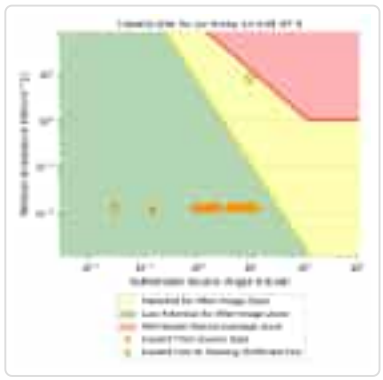
PV array 10: OP 9

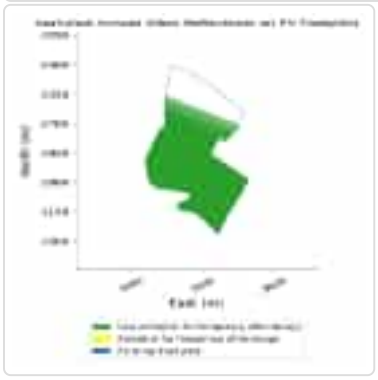
PV array is expected to produce the following glare for this receptor:

- 75 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





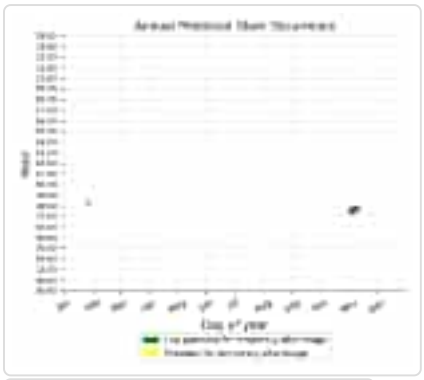


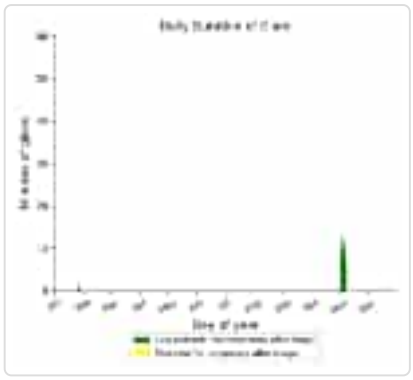


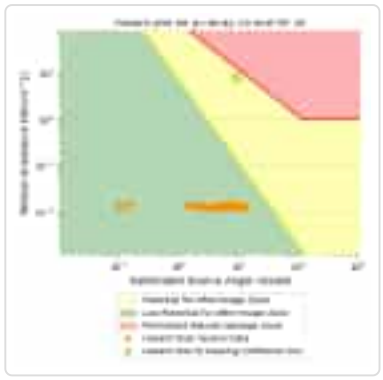
PV array 10: OP 10

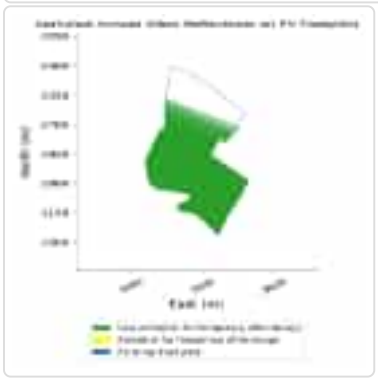
PV array is expected to produce the following glare for this receptor:

- 77 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





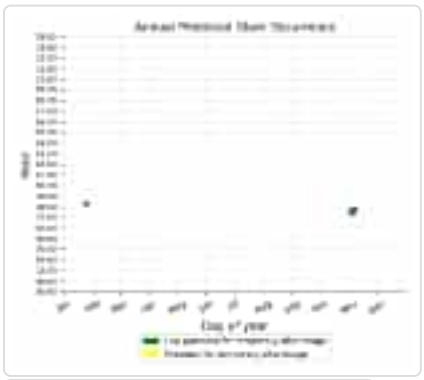


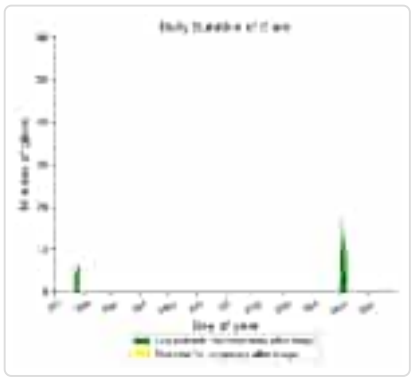


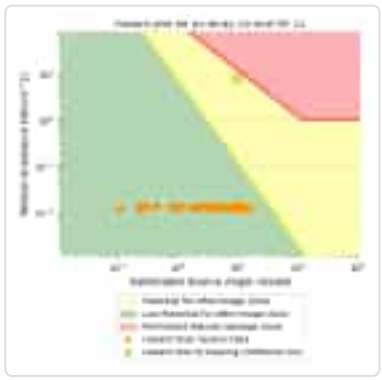
PV array 10: OP 11

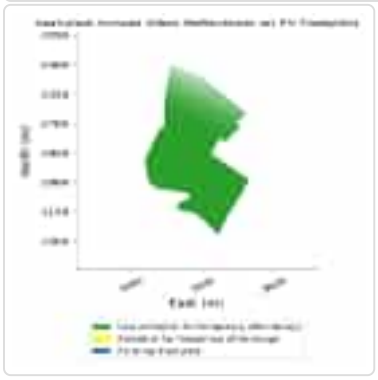
PV array is expected to produce the following glare for this receptor:

- 101 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









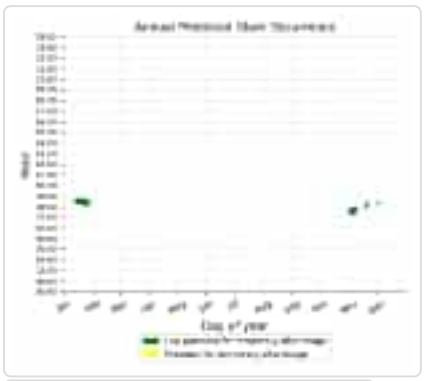
PV array 10: OP 12

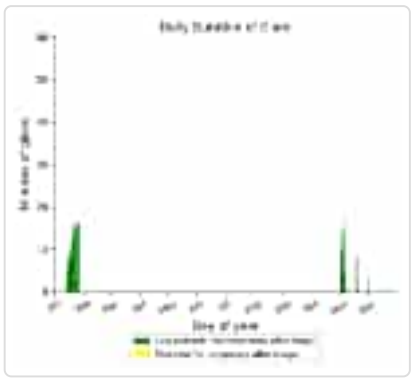
No glare found

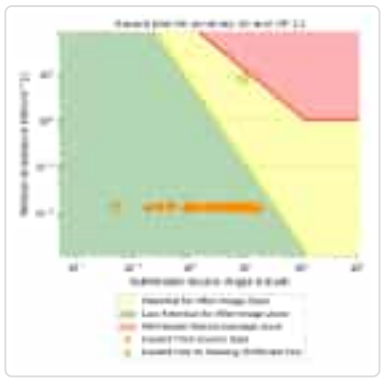
PV array 10: OP 13

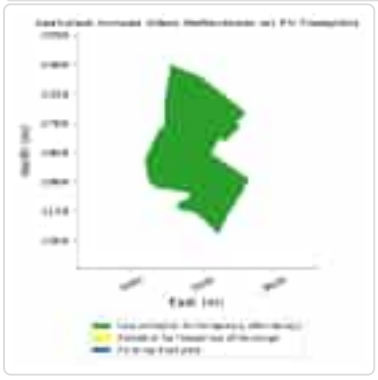
PV array is expected to produce the following glare for this receptor:

- 227 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





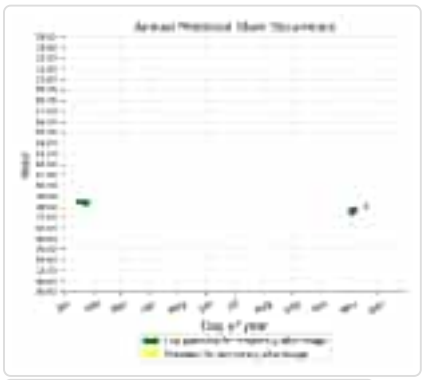


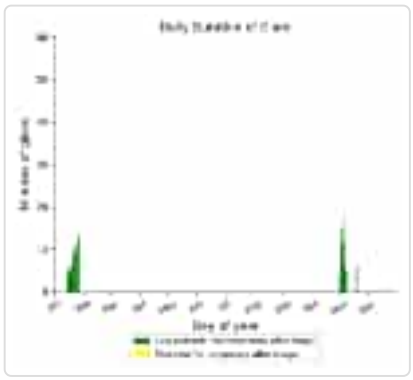


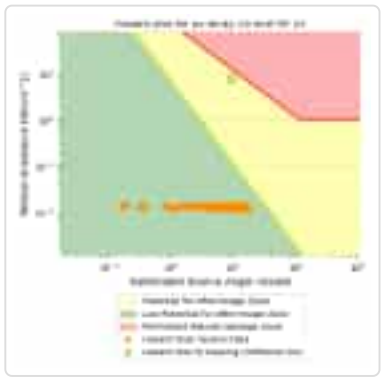
PV array 10: OP 14

PV array is expected to produce the following glare for this receptor:

- 181 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



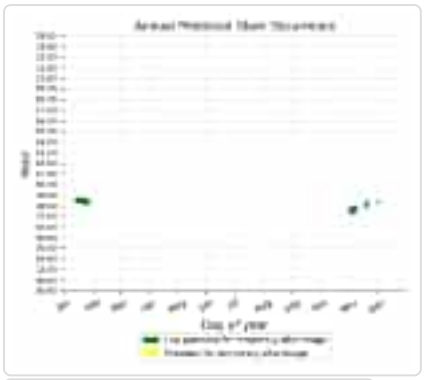


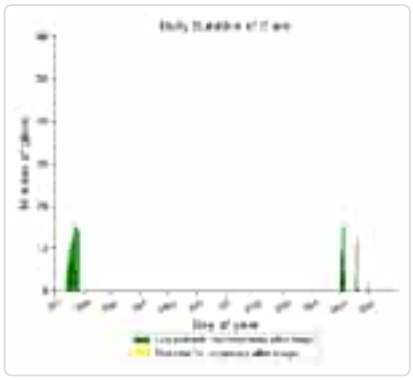


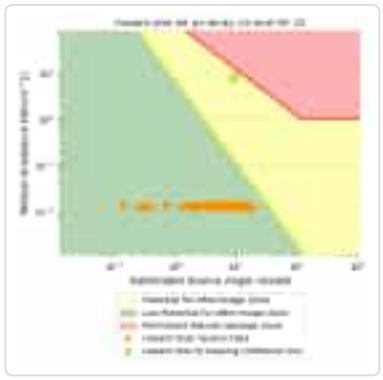
PV array 10: OP 15

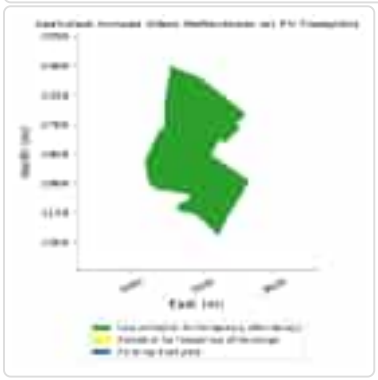
PV array is expected to produce the following glare for this receptor:

- 230 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





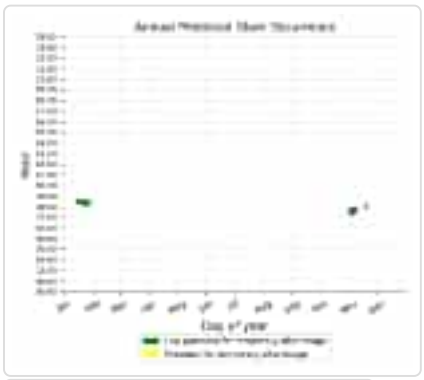


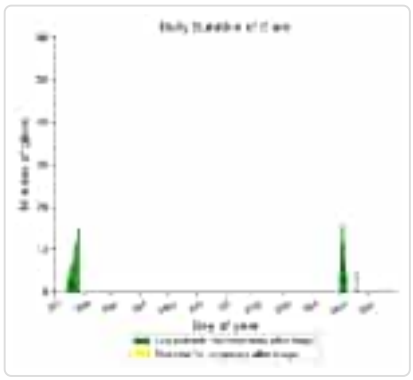


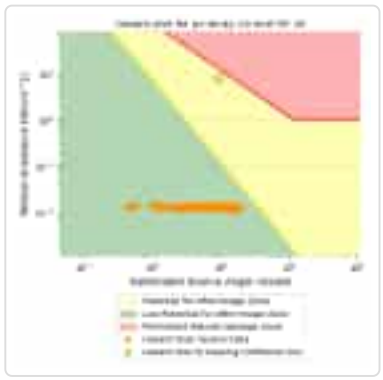
PV array 10: OP 16

PV array is expected to produce the following glare for this receptor:

- 179 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



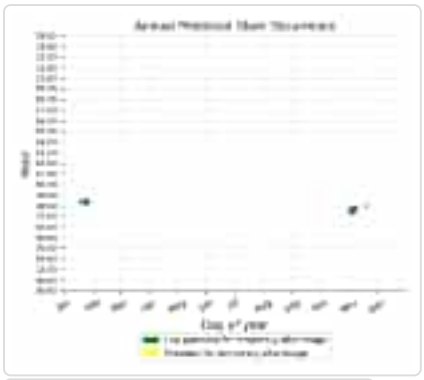


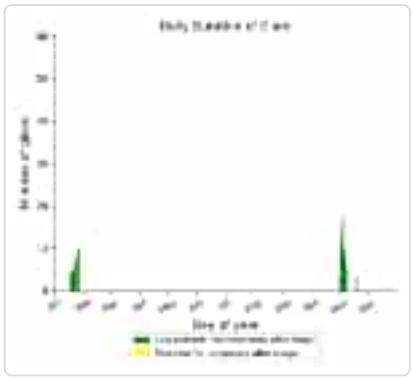


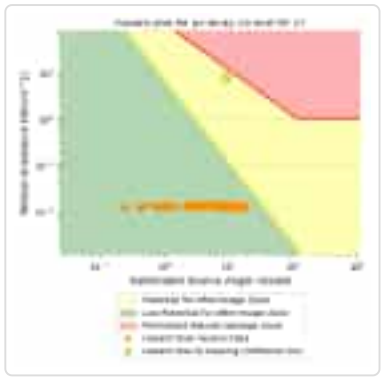
PV array 10: OP 17

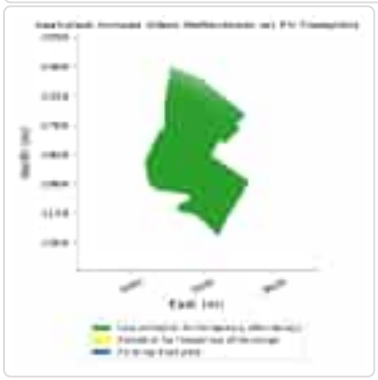
PV array is expected to produce the following glare for this receptor:

- 137 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





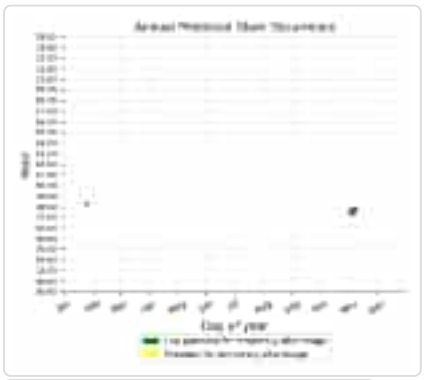


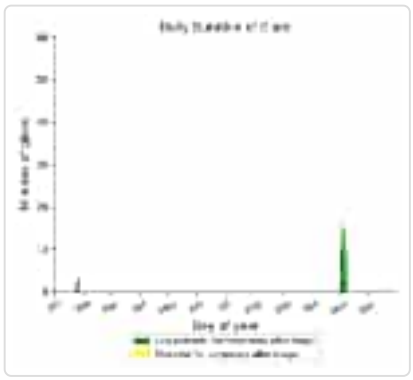


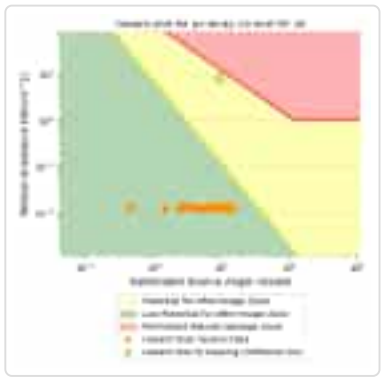
PV array 10: OP 18

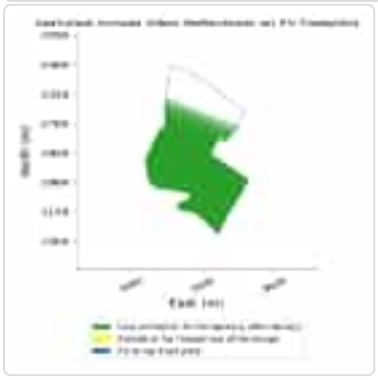
PV array is expected to produce the following glare for this receptor:

- 86 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





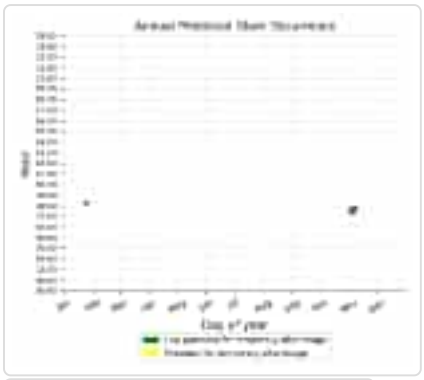


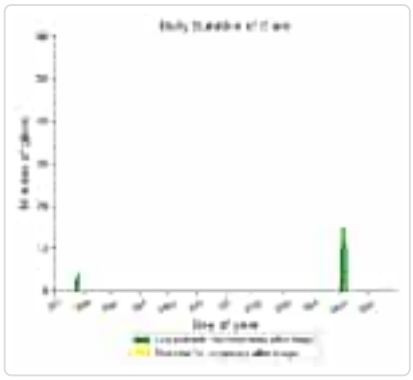


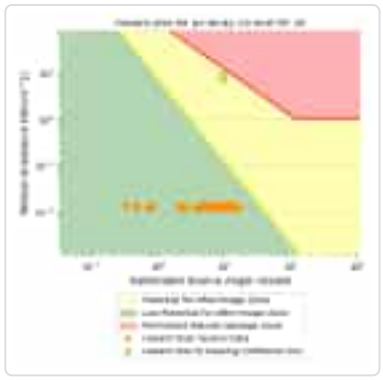
PV array 10: OP 19

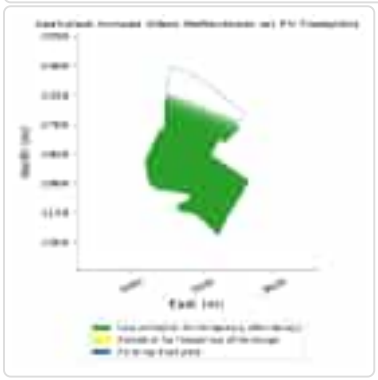
PV array is expected to produce the following glare for this receptor:

- 92 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





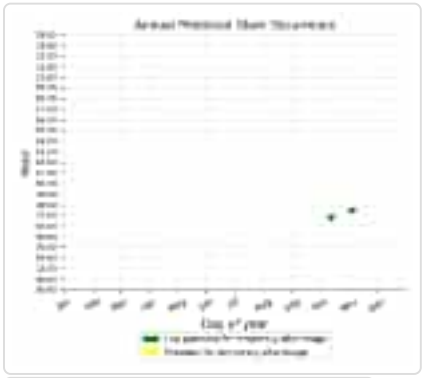


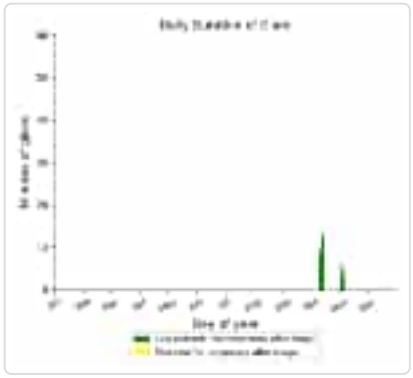


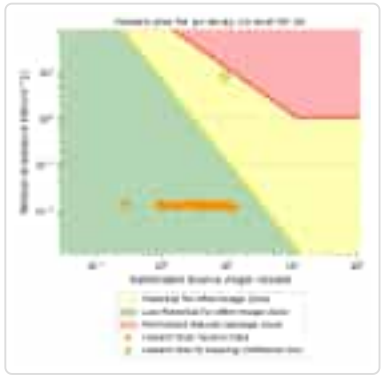
PV array 10: OP 20

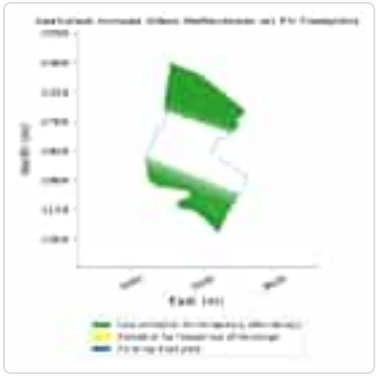
PV array is expected to produce the following glare for this receptor:

- 76 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





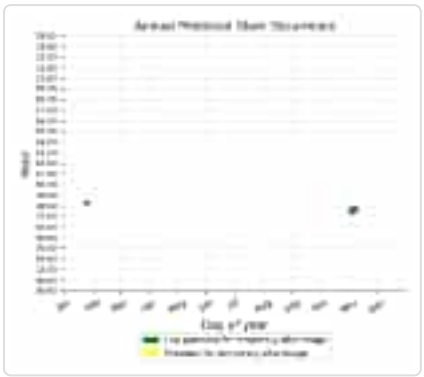


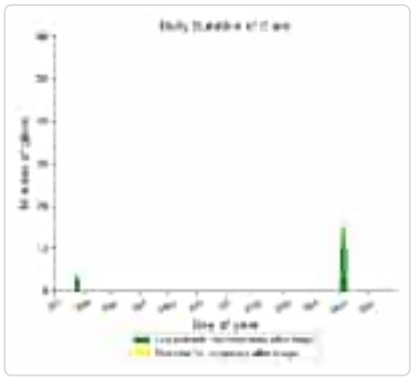


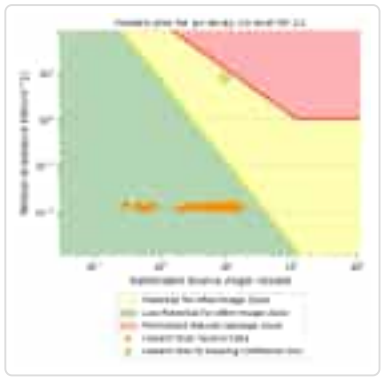
PV array 10: OP 21

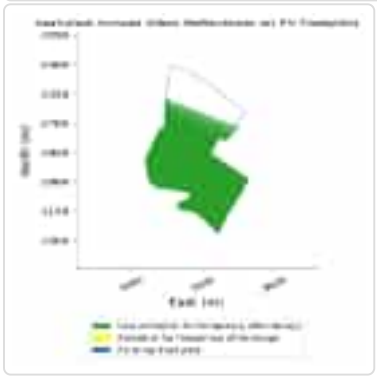
PV array is expected to produce the following glare for this receptor:

- 98 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





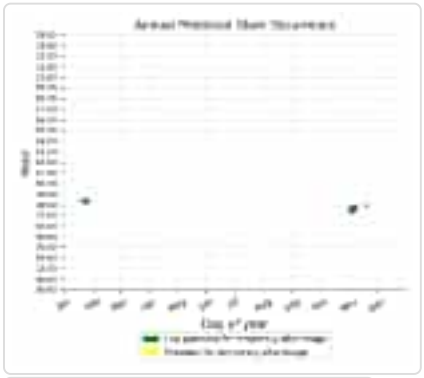


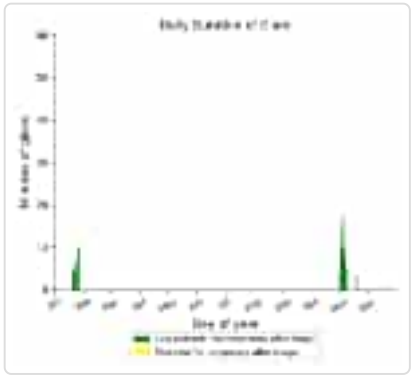


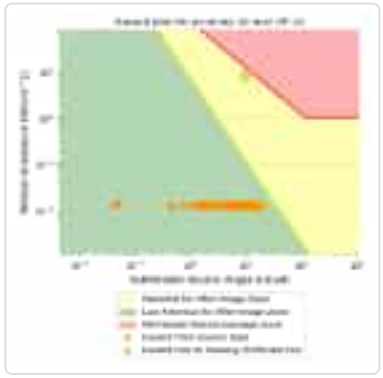
PV array 10: OP 22

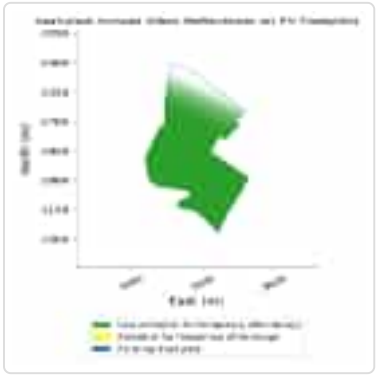
PV array is expected to produce the following glare for this receptor:

- 124 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





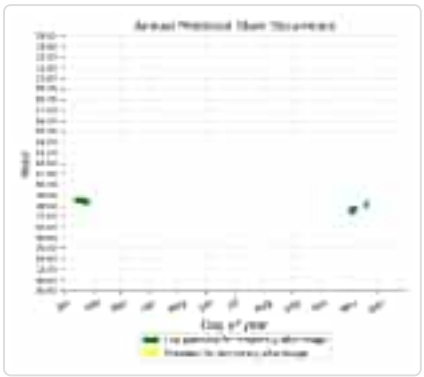


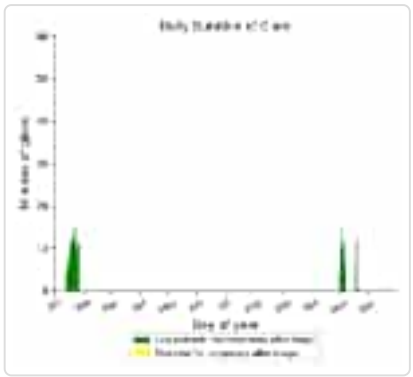


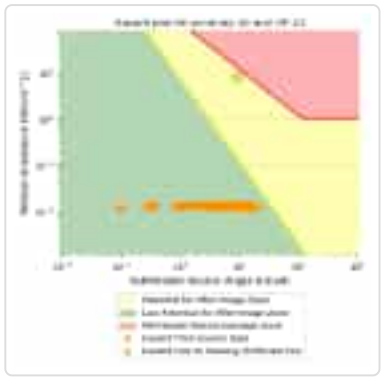
PV array 10: OP 23

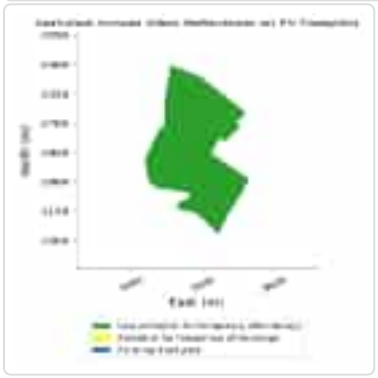
PV array is expected to produce the following glare for this receptor:

- 230 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





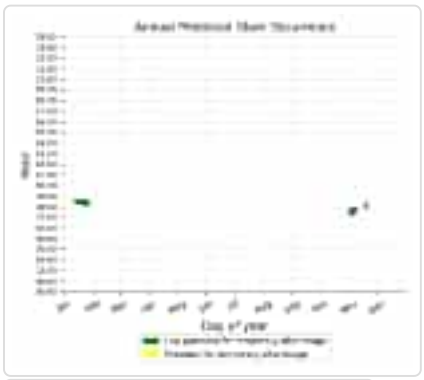


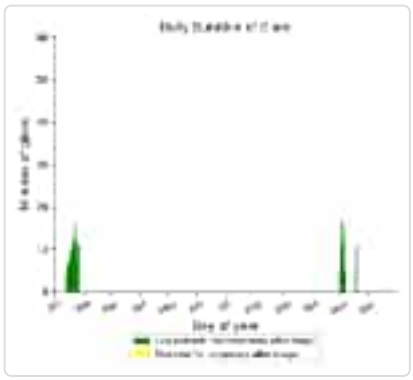


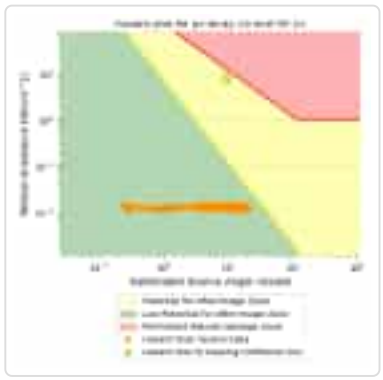
PV array 10: OP 24

PV array is expected to produce the following glare for this receptor:

- 235 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



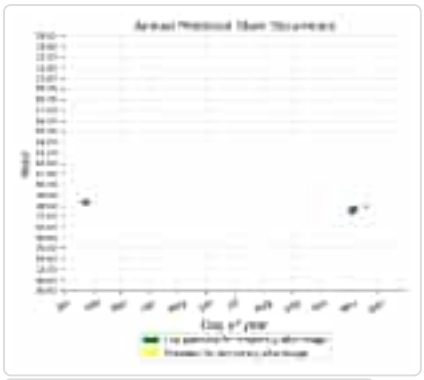


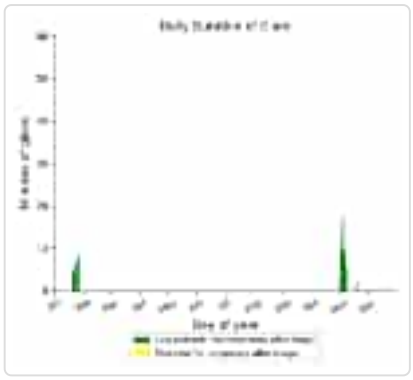


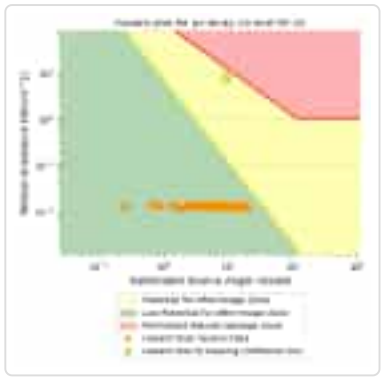
PV array 10: OP 25

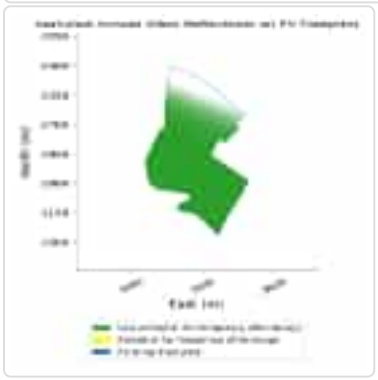
PV array is expected to produce the following glare for this receptor:

- 121 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





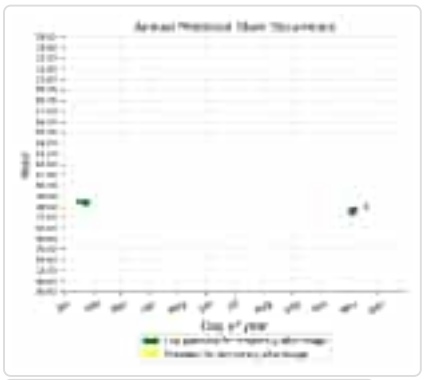


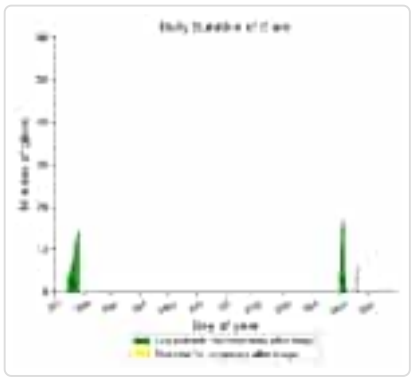


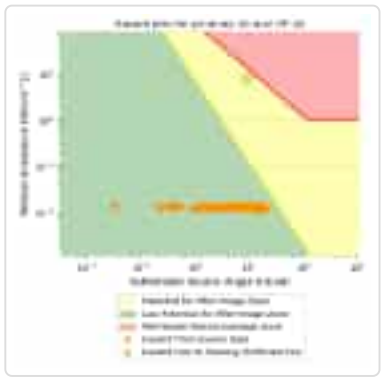
PV array 10: OP 26

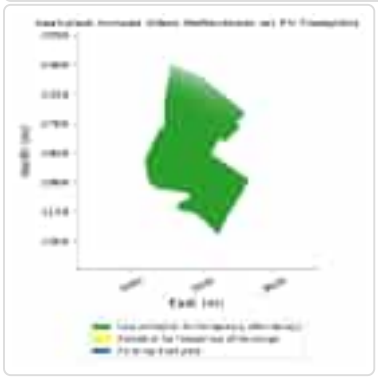
PV array is expected to produce the following glare for this receptor:

- 180 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





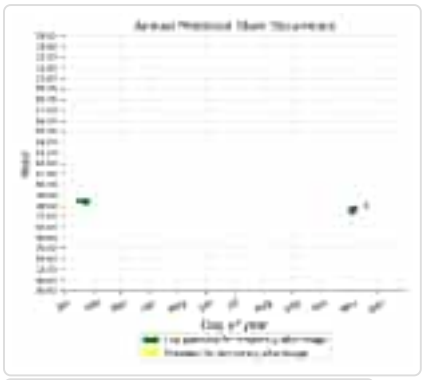


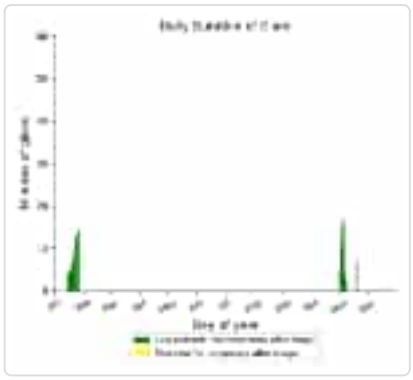


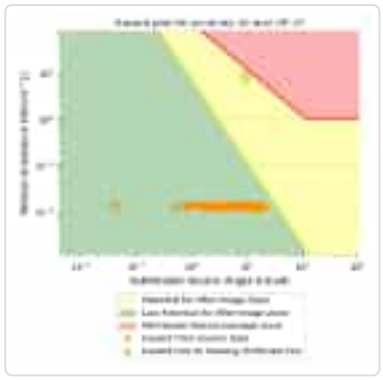
PV array 10: OP 27

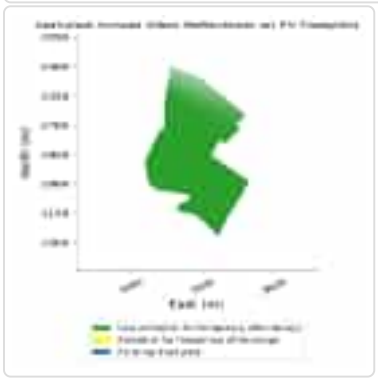
PV array is expected to produce the following glare for this receptor:

- 182 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





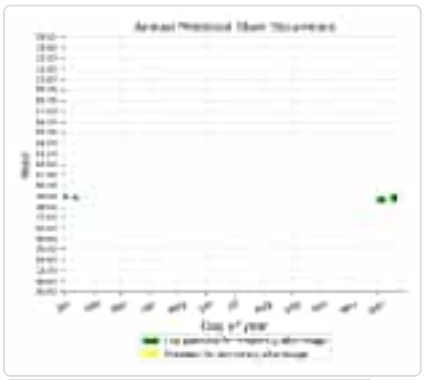


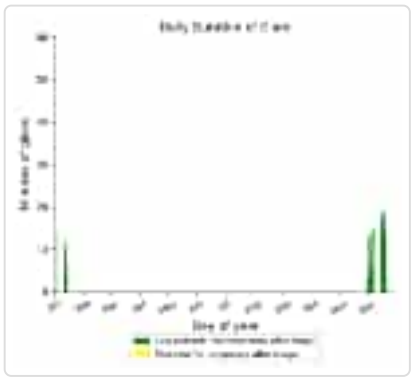


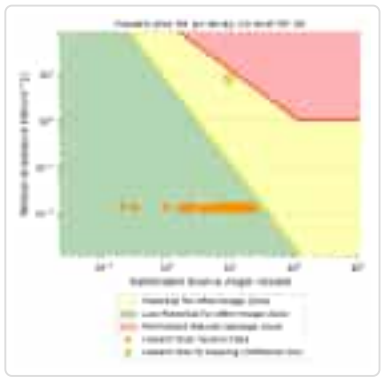
PV array 10: OP 28

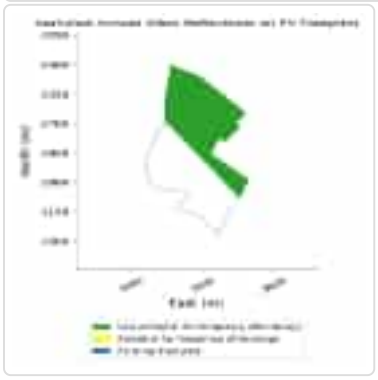
PV array is expected to produce the following glare for this receptor:

- 222 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





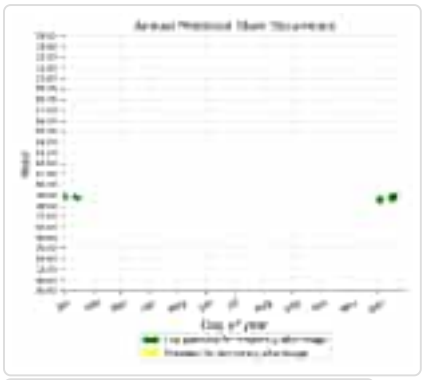


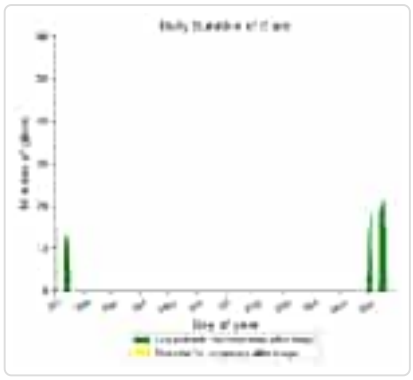


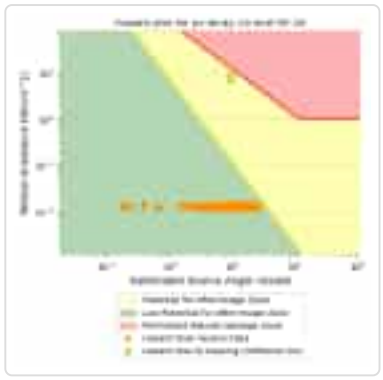
PV array 10: OP 29

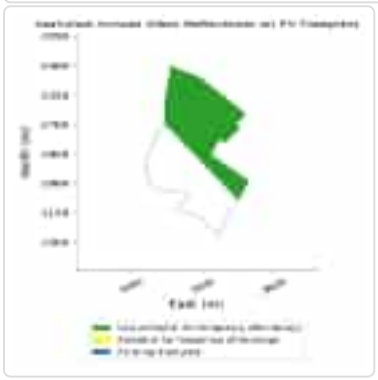
PV array is expected to produce the following glare for this receptor:

- 300 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





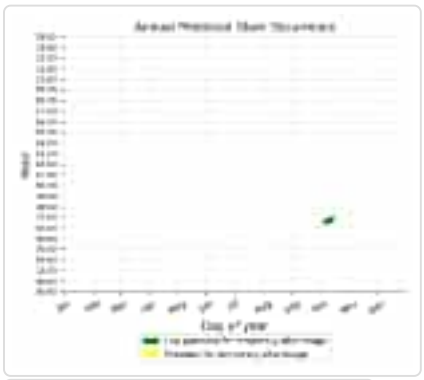


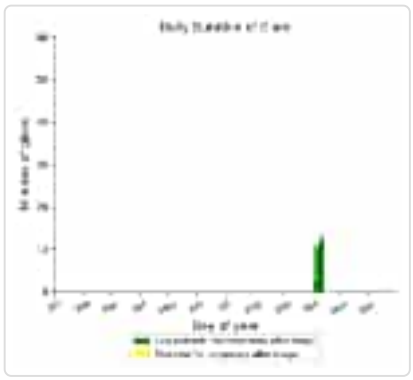


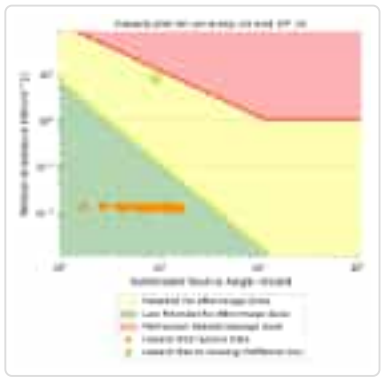
PV array 10: OP 30

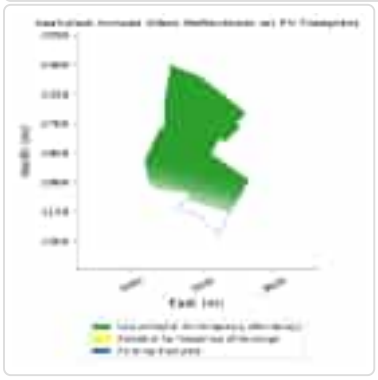
PV array is expected to produce the following glare for this receptor:

- 109 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





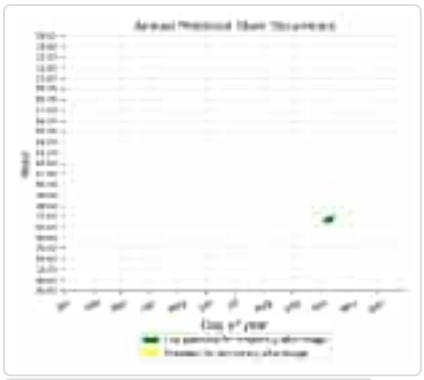


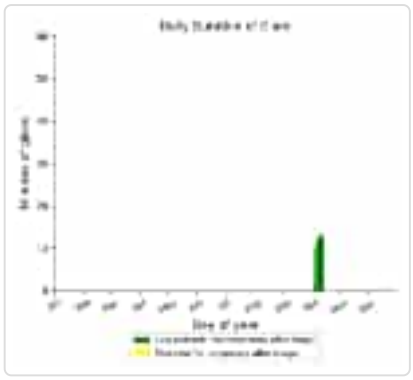


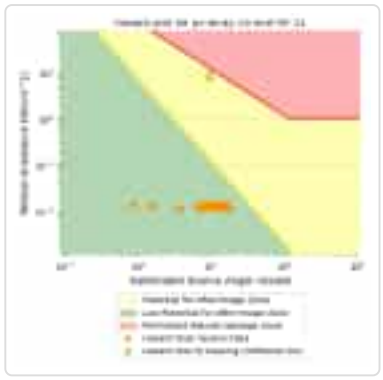
PV array 10: OP 31

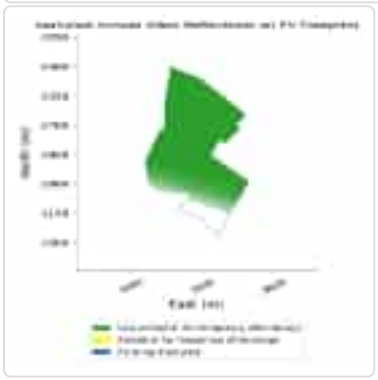
PV array is expected to produce the following glare for this receptor:

- 113 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





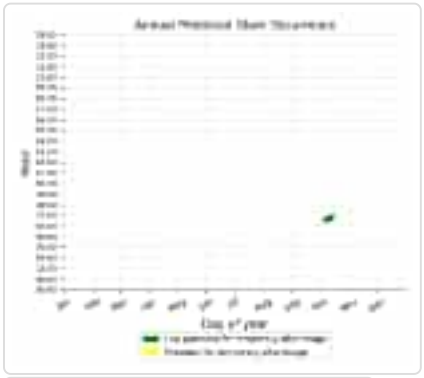


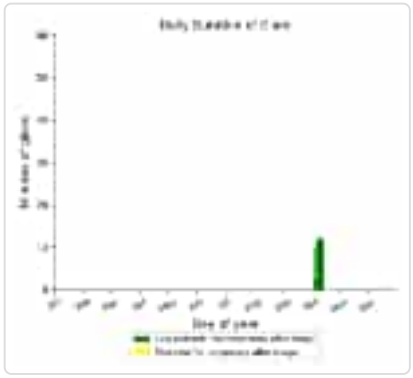


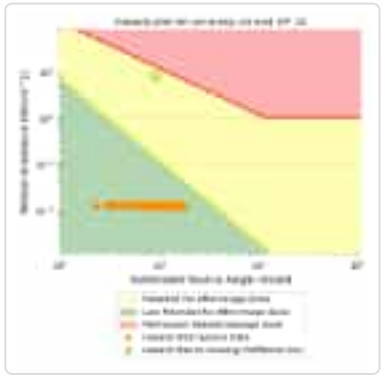
PV array 10: OP 32

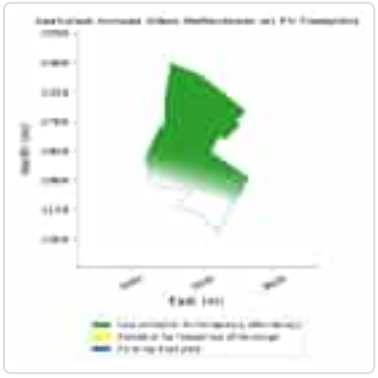
PV array is expected to produce the following glare for this receptor:

- 110 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





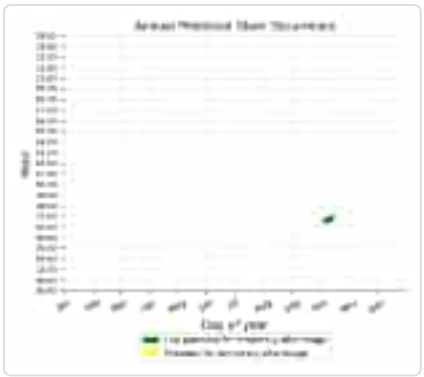


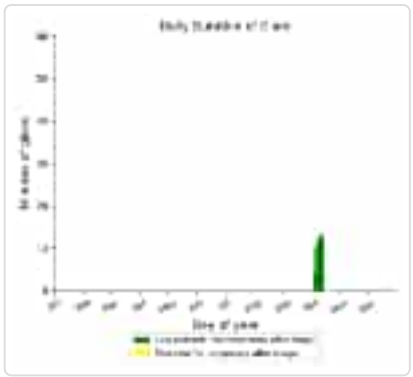


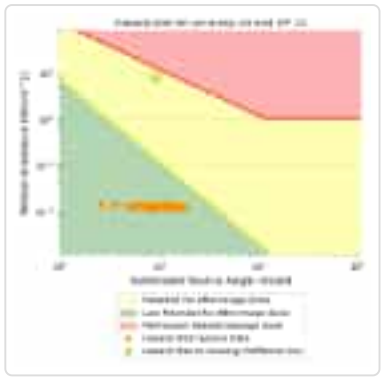
PV array 10: OP 33

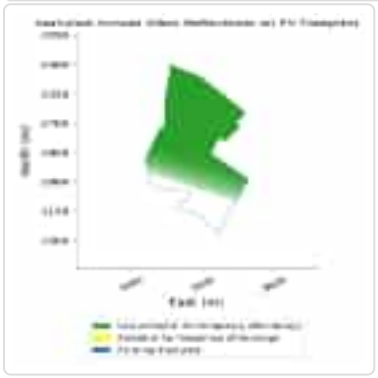
PV array is expected to produce the following glare for this receptor:

- 114 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





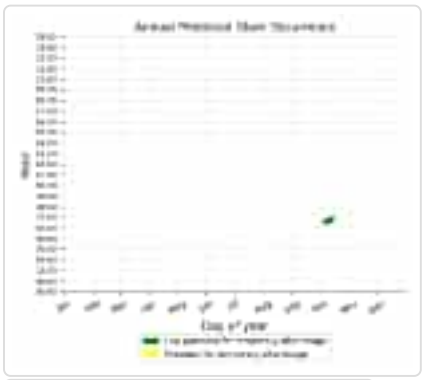


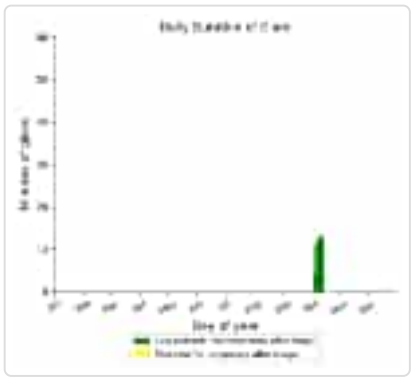


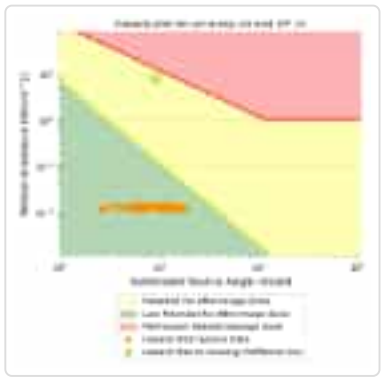
PV array 10: OP 34

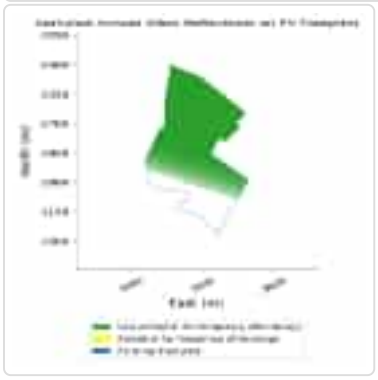
PV array is expected to produce the following glare for this receptor:

- 117 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





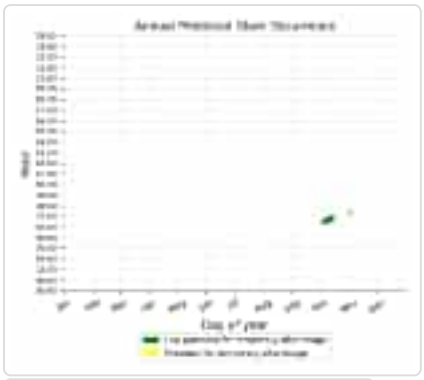


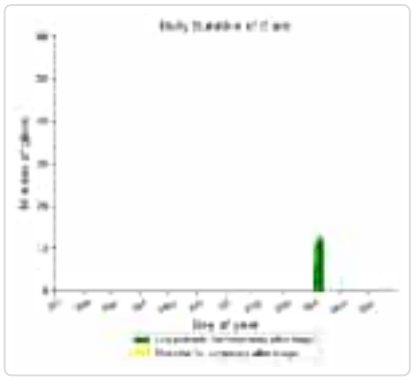


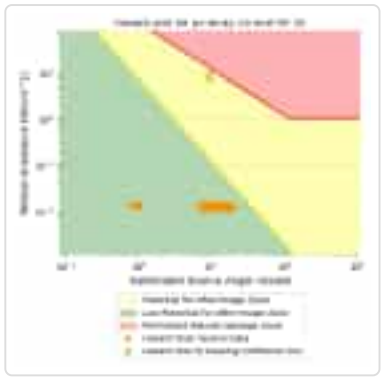
PV array 10: OP 35

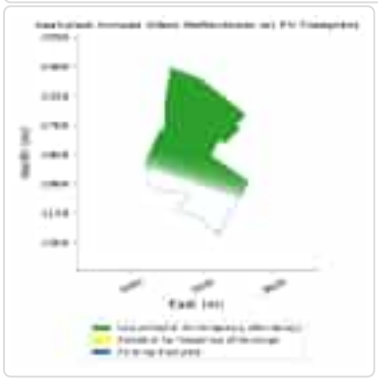
PV array is expected to produce the following glare for this receptor:

- 119 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





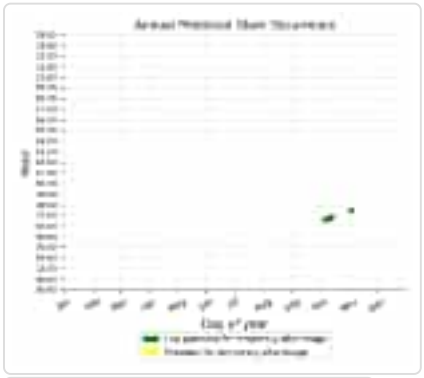


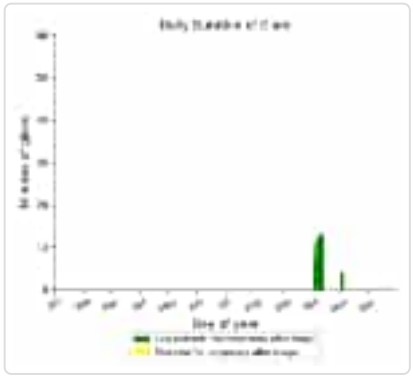


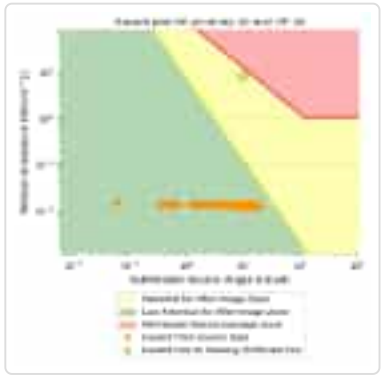
PV array 10: OP 36

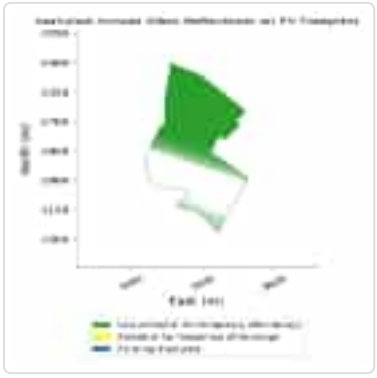
PV array is expected to produce the following glare for this receptor:

- 135 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





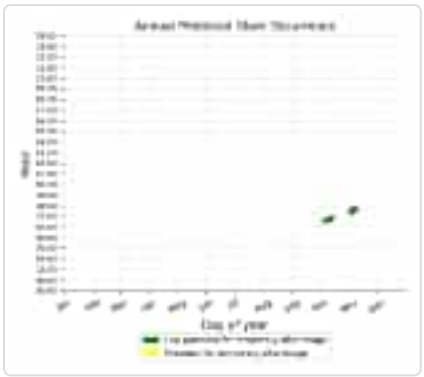


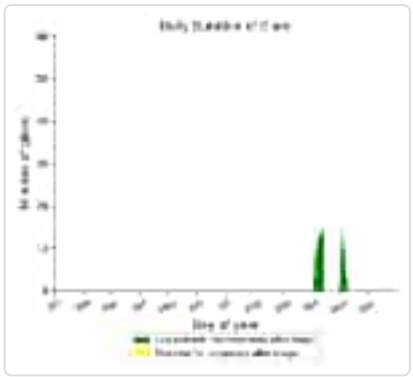


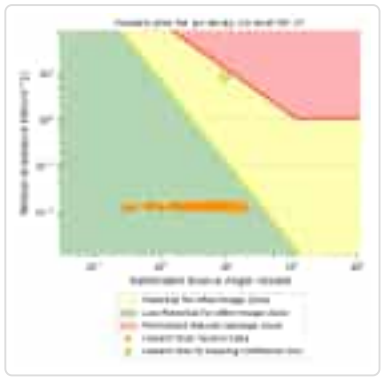
PV array 10: OP 37

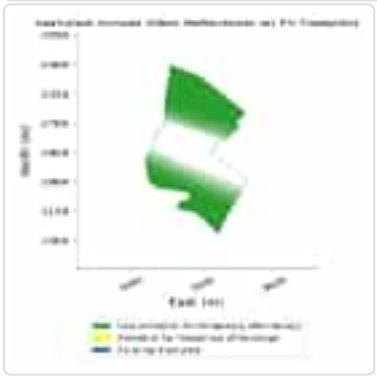
PV array is expected to produce the following glare for this receptor:

- 178 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 38

No glare found

PV array 10: OP 39

No glare found

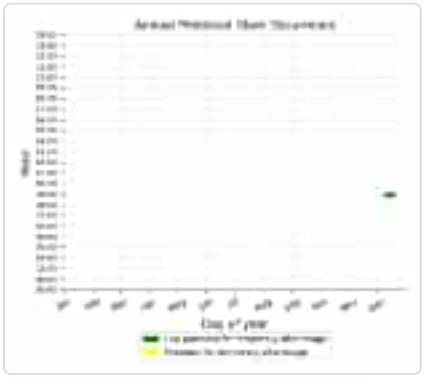
PV array 10: OP 40

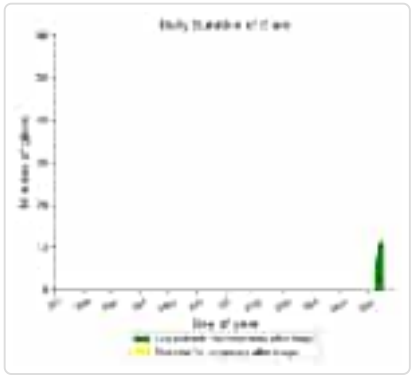
No glare found

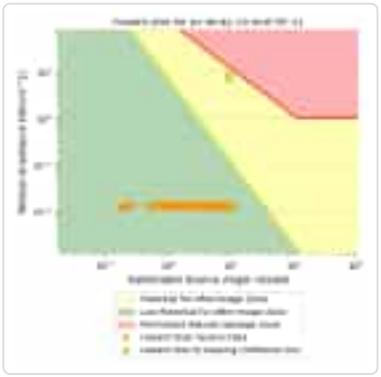
PV array 10: OP 41

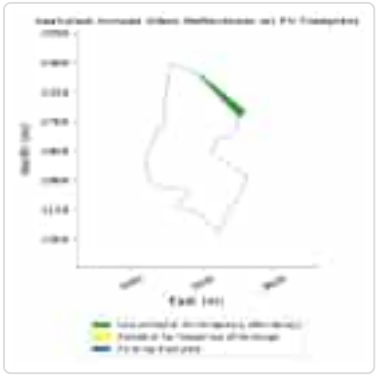
PV array is expected to produce the following glare for this receptor:

- 96 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 42

No glare found

PV array 10: OP 43

No glare found

PV array 10: OP 44

No glare found

PV array 10: OP 45

No glare found

PV array 10: OP 46

No glare found

PV array 10: OP 47

No glare found

PV array 10: OP 48

No glare found

PV array 10: OP 49

No glare found

PV array 10: OP 50

No glare found

PV array 10: OP 51

No glare found

PV array 10: OP 52

No glare found

PV array 10: OP 53

No glare found

PV array 10: OP 54

No glare found

PV array 10: OP 55

No glare found

PV array 10: OP 56

No glare found

PV array 10: OP 57

No glare found

PV array 10: OP 58

No glare found

PV array 10: OP 59

No glare found

PV array 10: OP 60

No glare found

PV array 10: OP 61

No glare found

PV array 10: OP 62

No glare found

PV array 10: OP 63

No glare found

PV array 10: OP 64

No glare found

PV array 10: OP 65

No glare found

PV array 10: OP 66

No glare found

PV array 10: OP 67

No glare found

PV array 10: OP 68

No glare found

PV array 10: OP 69

No glare found

PV array 10: OP 70

No glare found

PV array 10: OP 71

No glare found

PV array 10: OP 72

No glare found

PV array 10: OP 73

No glare found

PV array 10: OP 74

No glare found

PV array 10: OP 75

No glare found

PV array 10: OP 76

No glare found

PV array 10: OP 77

No glare found

PV array 10: OP 78

No glare found

PV array 10: OP 79

No glare found

PV array 10: OP 80

No glare found

PV array 11 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 12 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	175	0
OP: OP 2	180	0
OP: OP 3	119	0
OP: OP 4	163	0
OP: OP 5	178	0
OP: OP 6	191	0
OP: OP 7	0	0
OP: OP 8	57	0
OP: OP 9	56	0
OP: OP 10	59	0
OP: OP 11	69	0
OP: OP 12	50	0
OP: OP 13	133	0
OP: OP 14	90	0
OP: OP 15	148	0
OP: OP 16	99	0
OP: OP 17	70	0
OP: OP 18	59	0

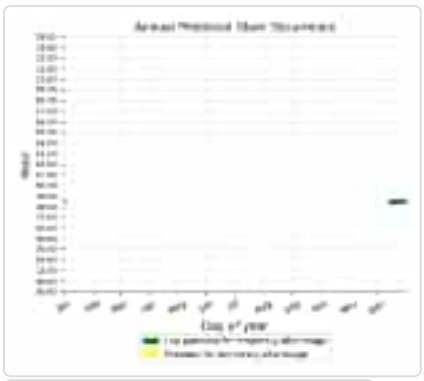
OP: OP 19	64	0
OP: OP 20	53	0
OP: OP 21	64	0
OP: OP 22	79	0
OP: OP 23	152	0
OP: OP 24	148	0
OP: OP 25	68	0
OP: OP 26	100	0
OP: OP 27	107	0
OP: OP 28	0	0
OP: OP 29	82	0
OP: OP 30	0	0
OP: OP 31	17	0
OP: OP 32	23	0
OP: OP 33	26	0
OP: OP 34	30	0
OP: OP 35	42	0
OP: OP 36	53	0
OP: OP 37	63	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0

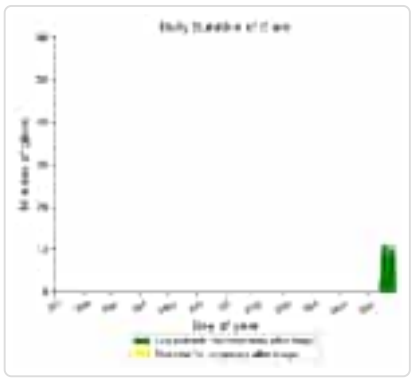
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

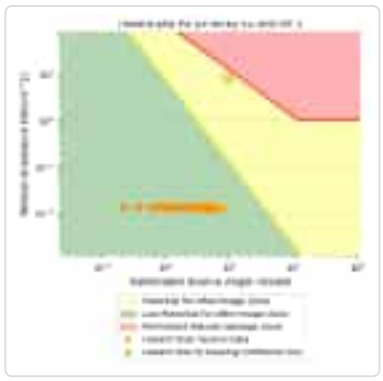
PV array 12: OP 1

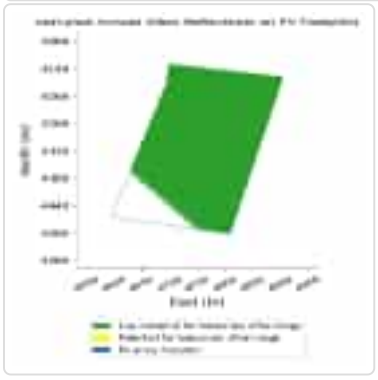
PV array is expected to produce the following glare for this receptor:

- 175 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





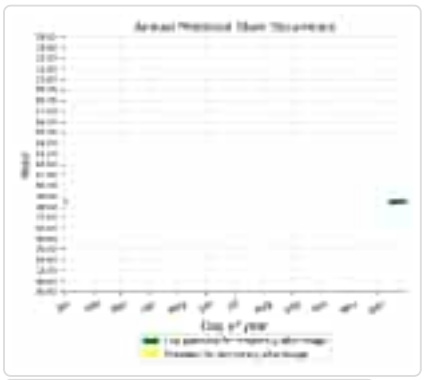


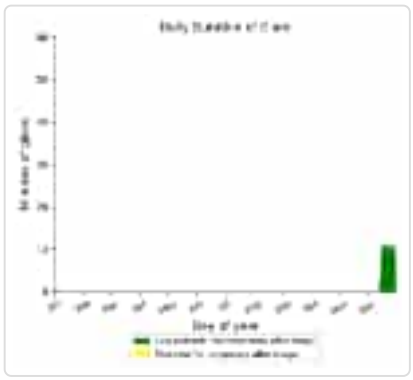


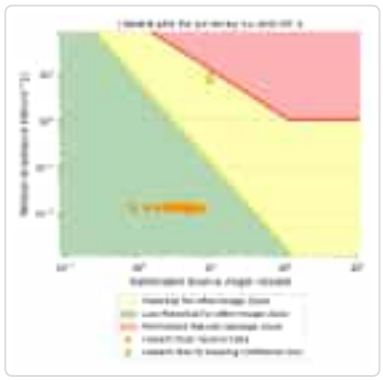
PV array 12: OP 2

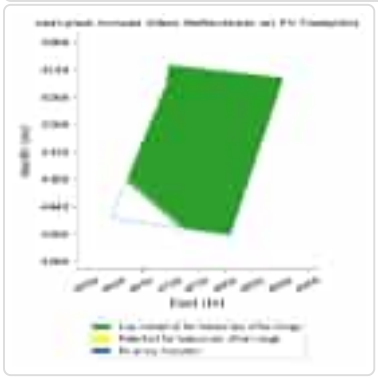
PV array is expected to produce the following glare for this receptor:

- 180 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





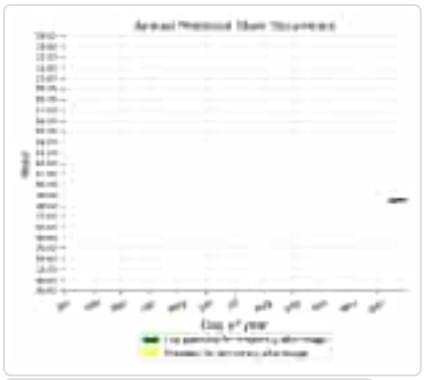


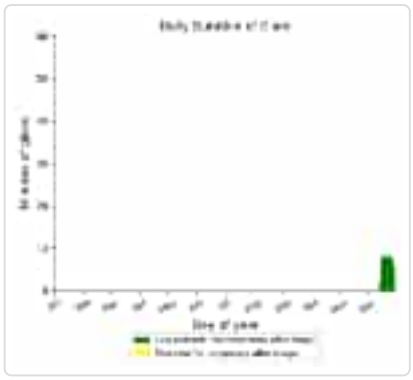


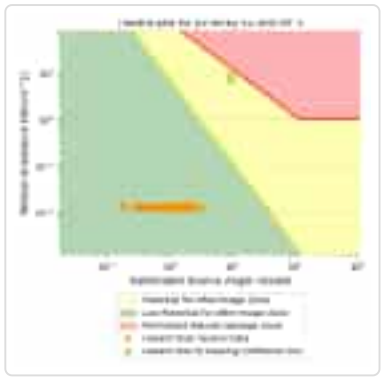
PV array 12: OP 3

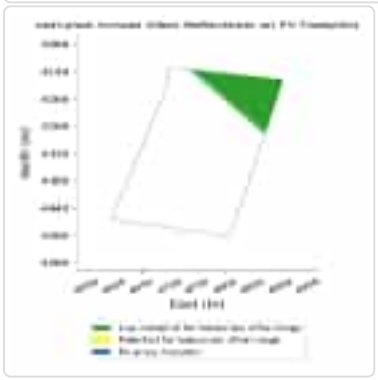
PV array is expected to produce the following glare for this receptor:

- 119 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





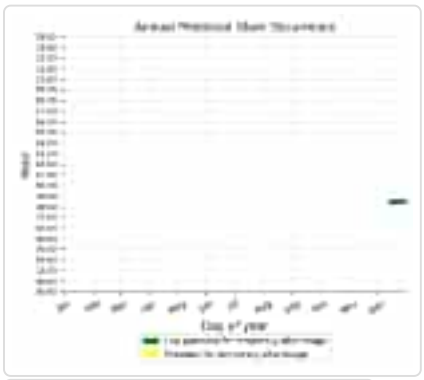


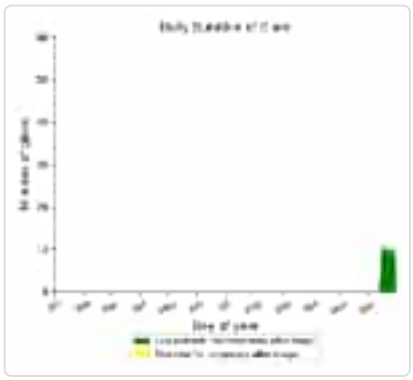


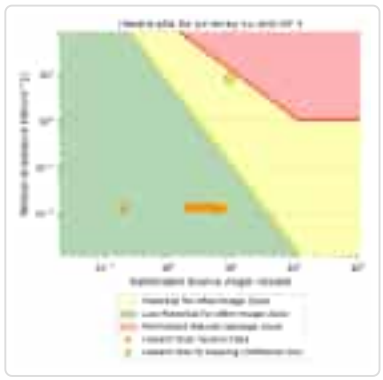
PV array 12: OP 4

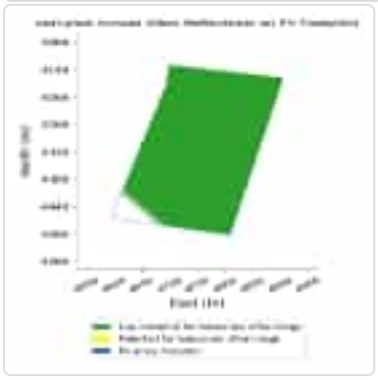
PV array is expected to produce the following glare for this receptor:

- 163 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





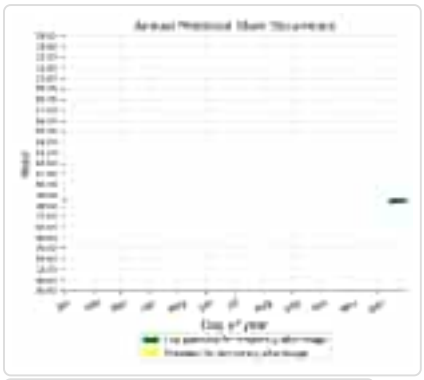


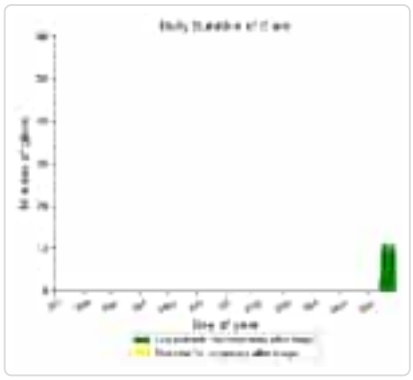


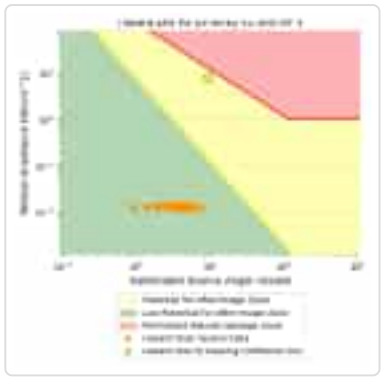
PV array 12: OP 5

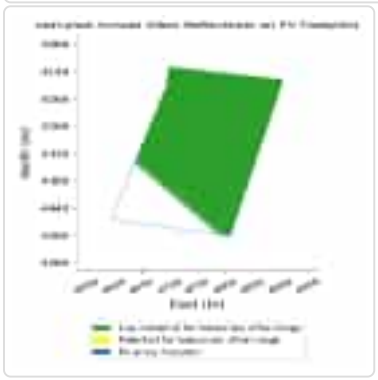
PV array is expected to produce the following glare for this receptor:

- 178 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





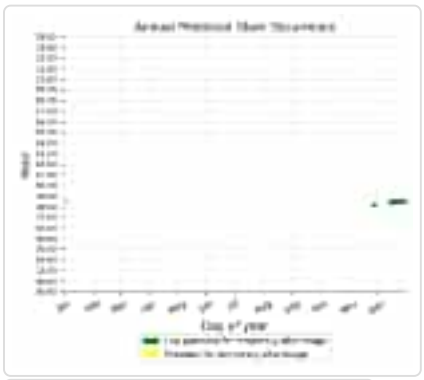


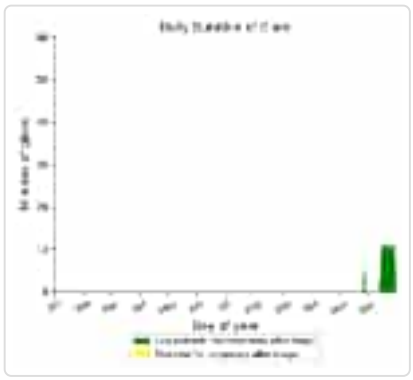


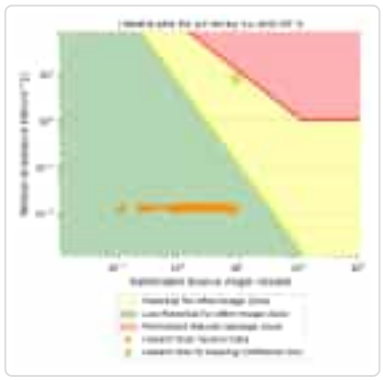
PV array 12: OP 6

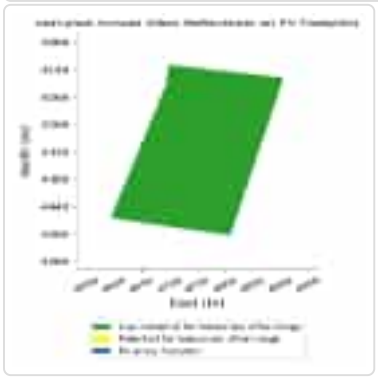
PV array is expected to produce the following glare for this receptor:

- 191 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









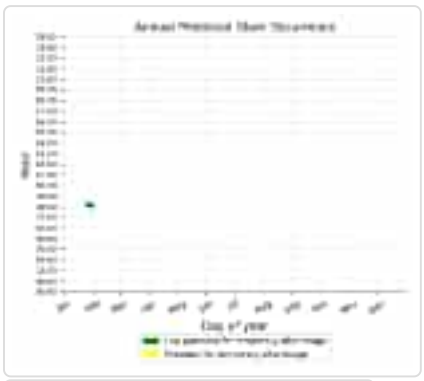
PV array 12: OP 7

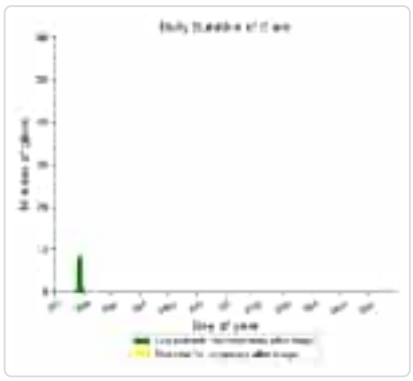
No glare found

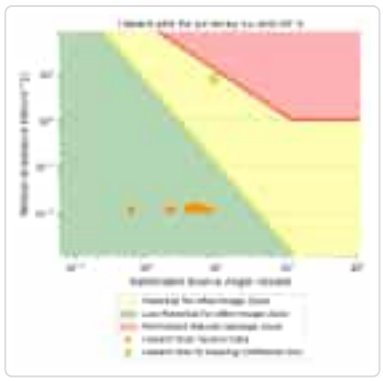
PV array 12: OP 8

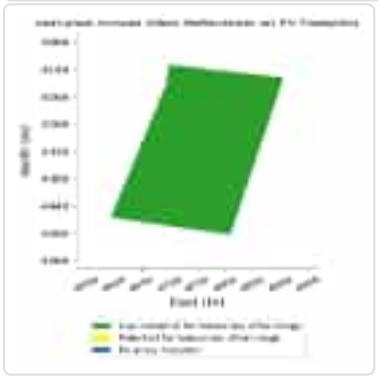
PV array is expected to produce the following glare for this receptor:

- 57 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





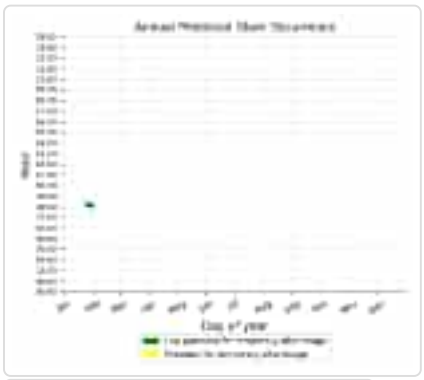


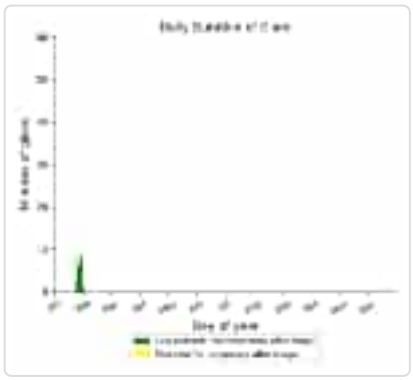


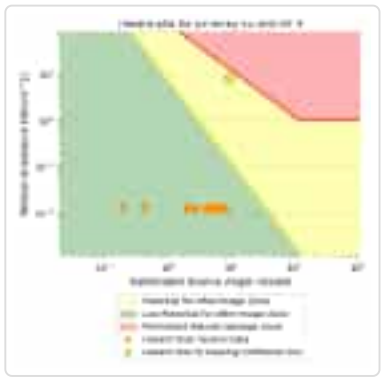
PV array 12: OP 9

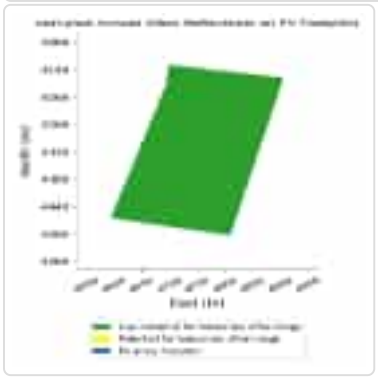
PV array is expected to produce the following glare for this receptor:

- 56 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





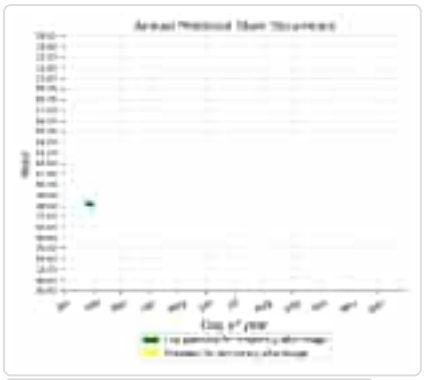


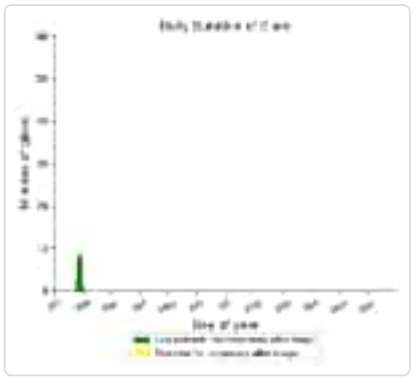


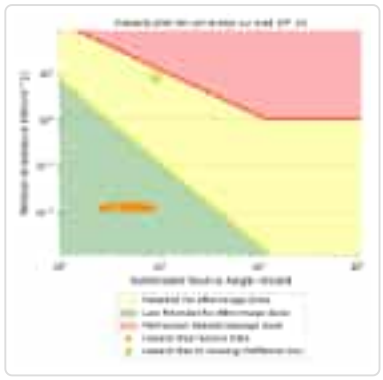
PV array 12: OP 10

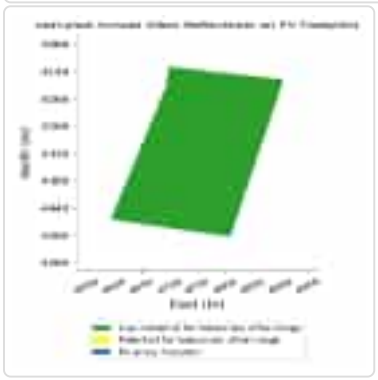
PV array is expected to produce the following glare for this receptor:

- 59 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





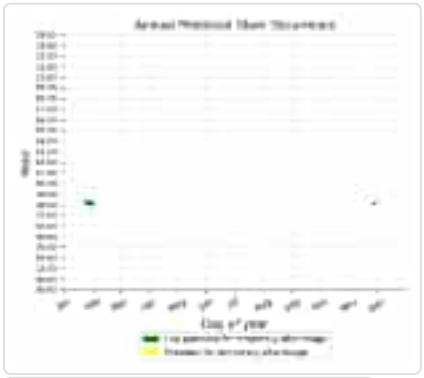


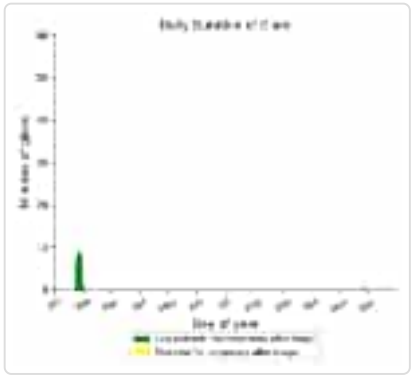


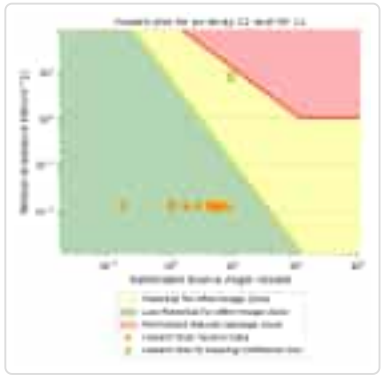
PV array 12: OP 11

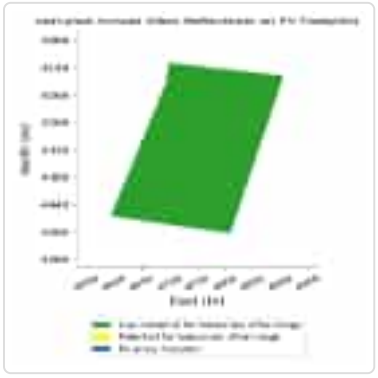
PV array is expected to produce the following glare for this receptor:

- 69 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





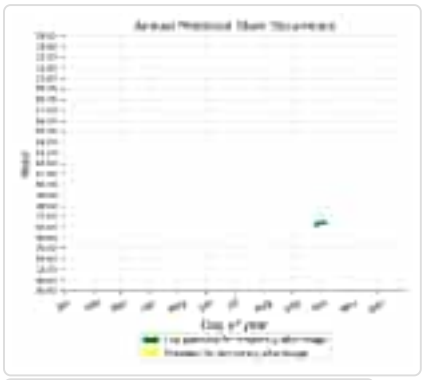


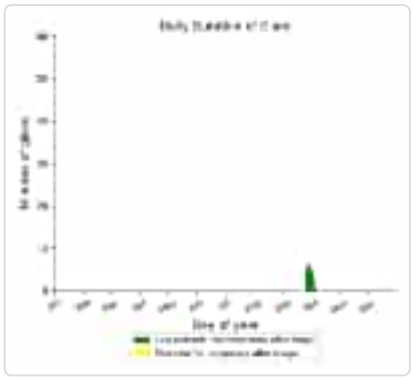


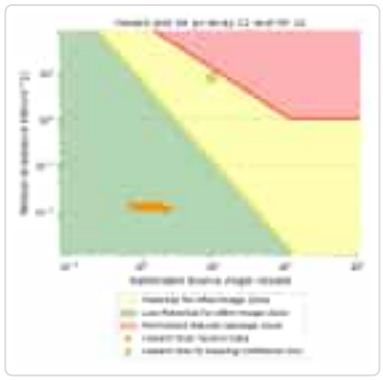
PV array 12: OP 12

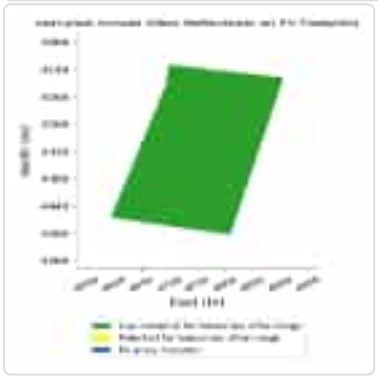
PV array is expected to produce the following glare for this receptor:

- 50 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





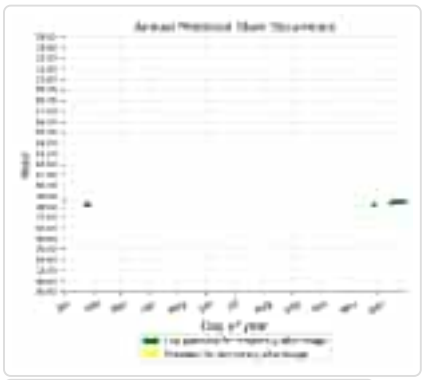


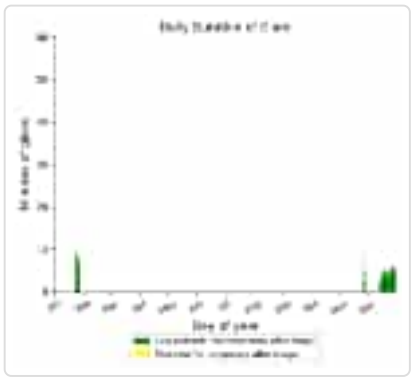


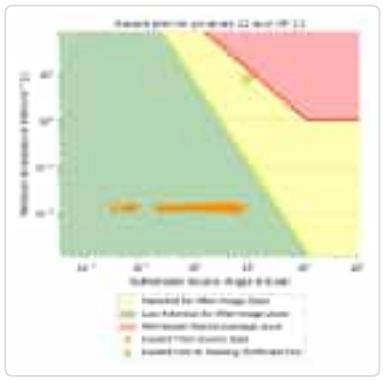
PV array 12: OP 13

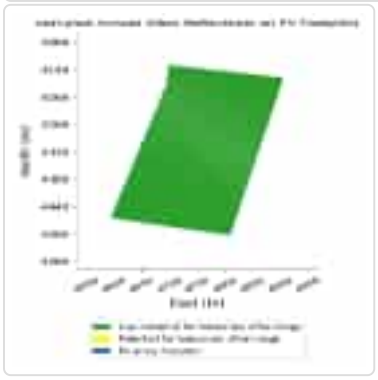
PV array is expected to produce the following glare for this receptor:

- 133 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





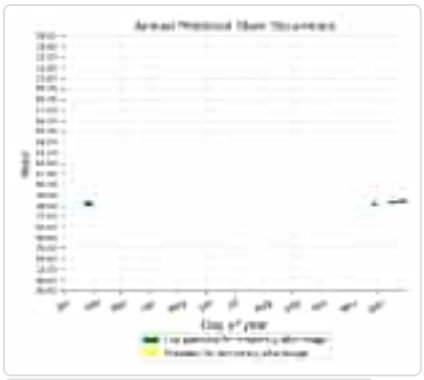


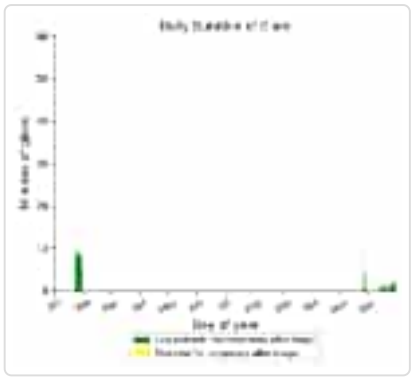


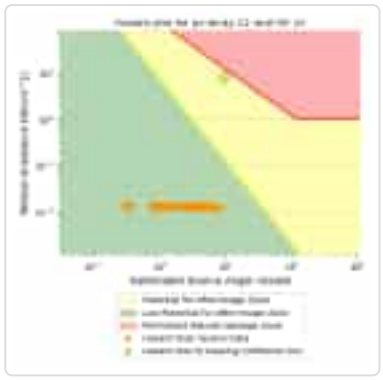
PV array 12: OP 14

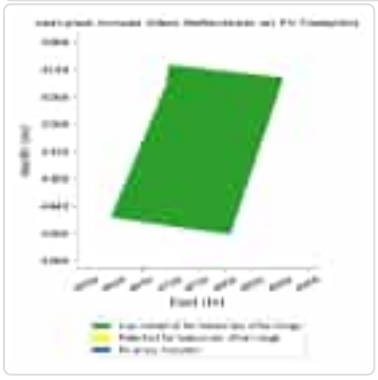
PV array is expected to produce the following glare for this receptor:

- 90 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





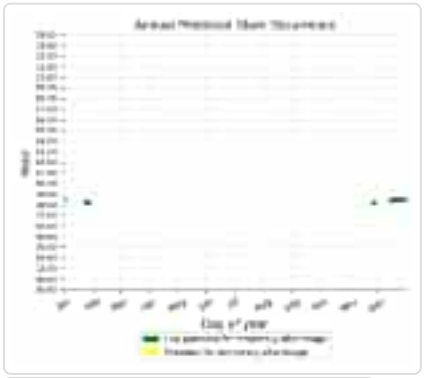


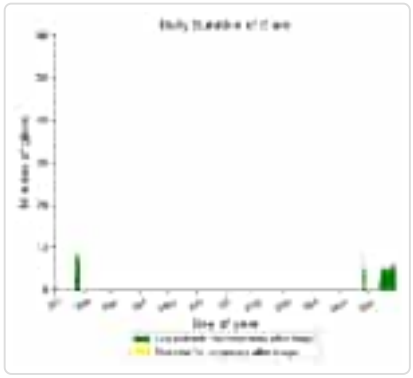


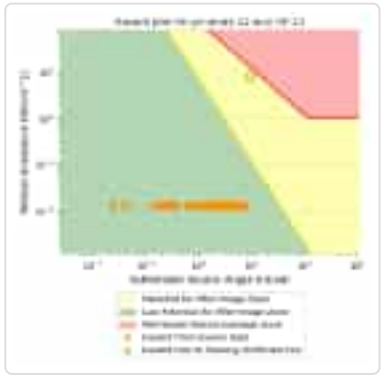
PV array 12: OP 15

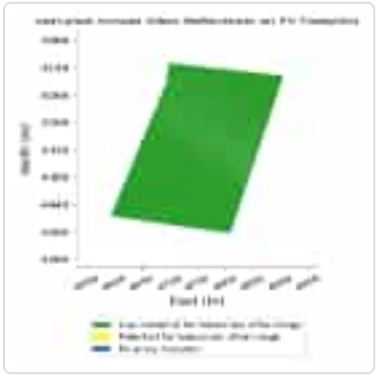
PV array is expected to produce the following glare for this receptor:

- 148 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





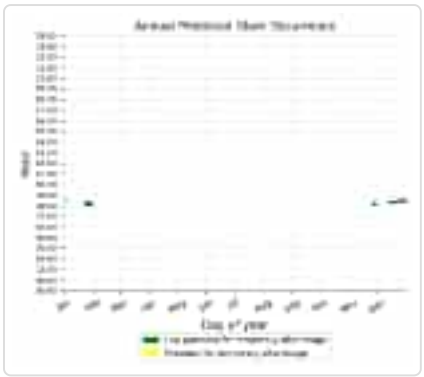


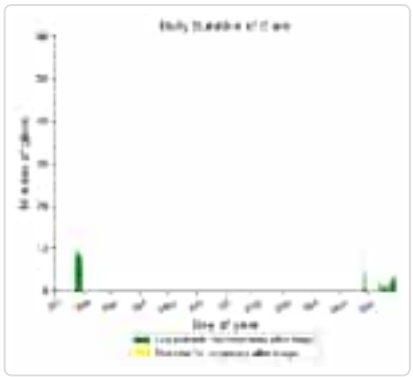


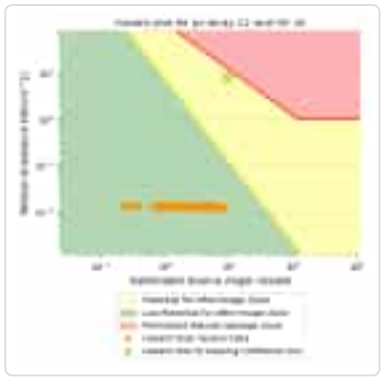
PV array 12: OP 16

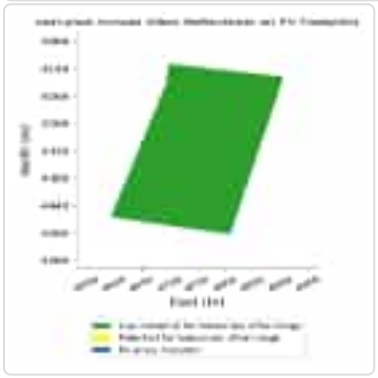
PV array is expected to produce the following glare for this receptor:

- 99 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





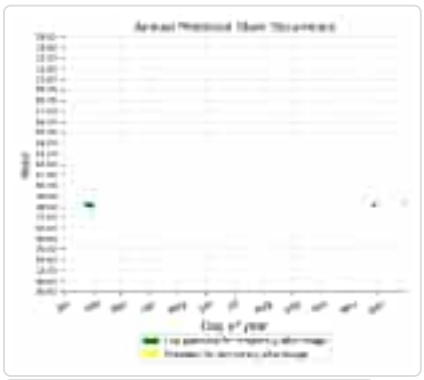


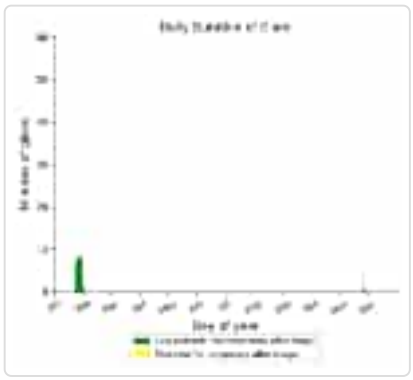


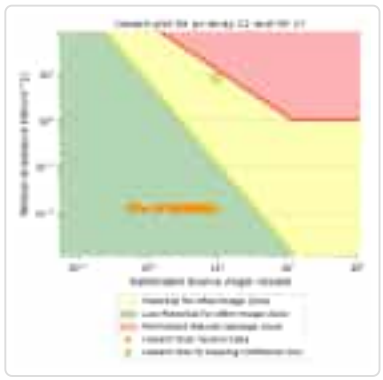
PV array 12: OP 17

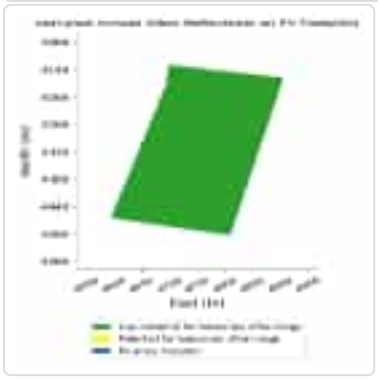
PV array is expected to produce the following glare for this receptor:

- 70 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





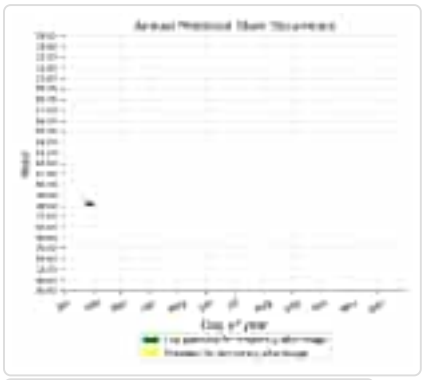


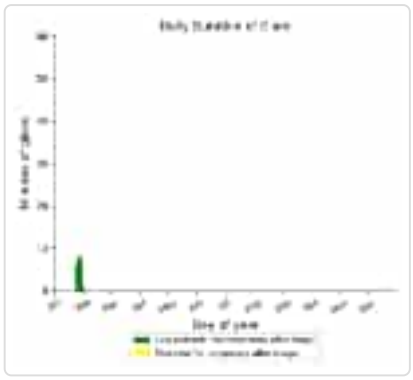


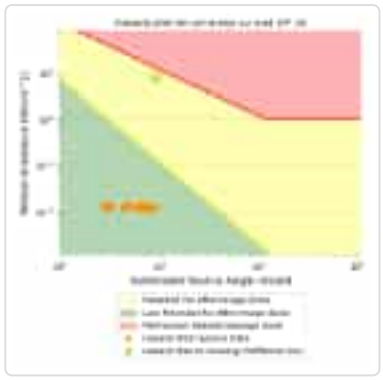
PV array 12: OP 18

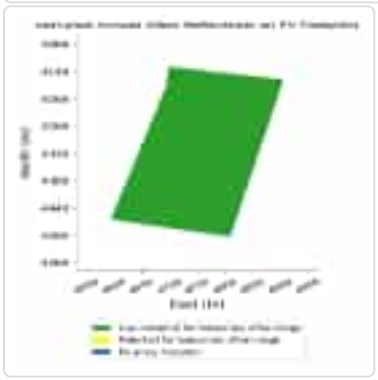
PV array is expected to produce the following glare for this receptor:

- 59 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





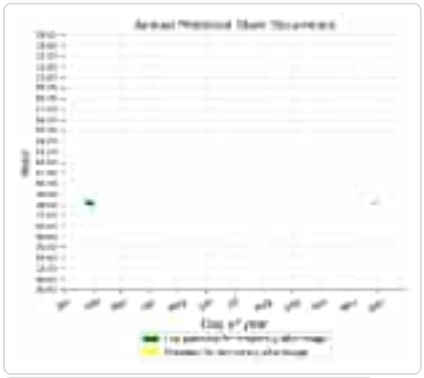


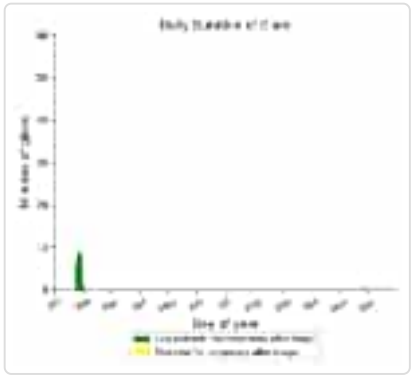


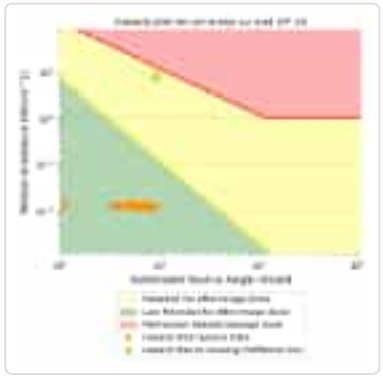
PV array 12: OP 19

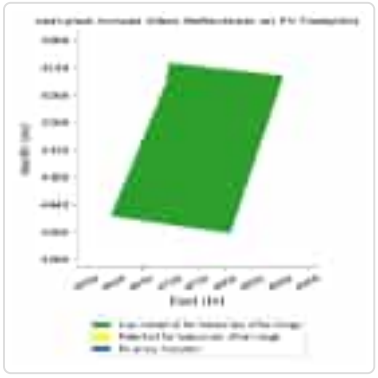
PV array is expected to produce the following glare for this receptor:

- 64 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





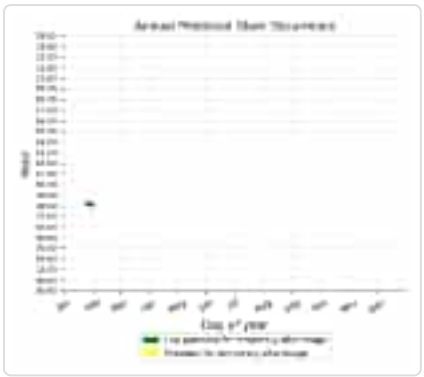


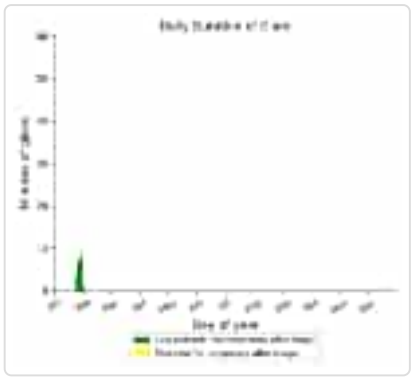


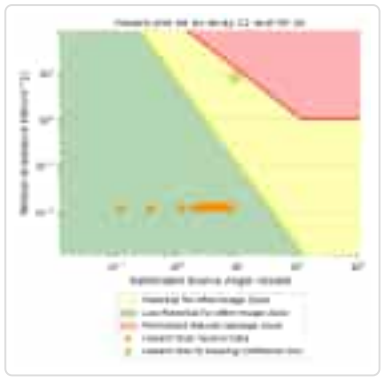
PV array 12: OP 20

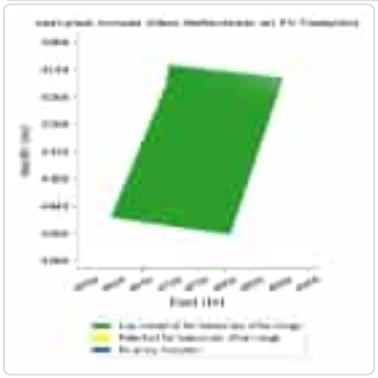
PV array is expected to produce the following glare for this receptor:

- 53 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





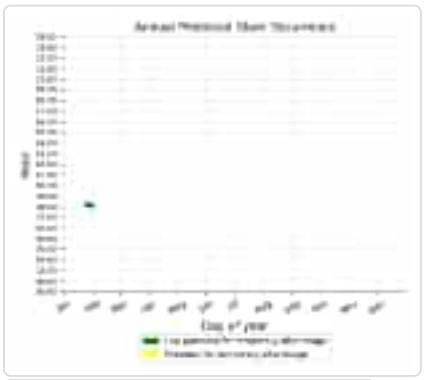


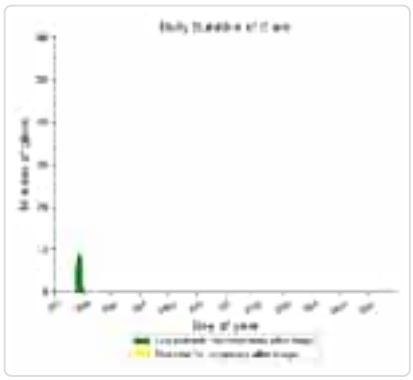


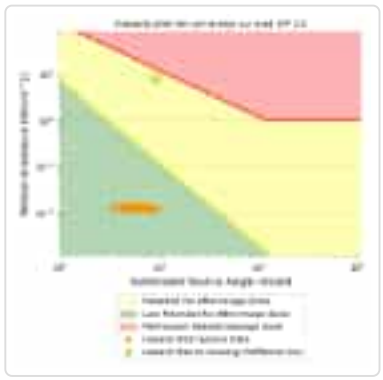
PV array 12: OP 21

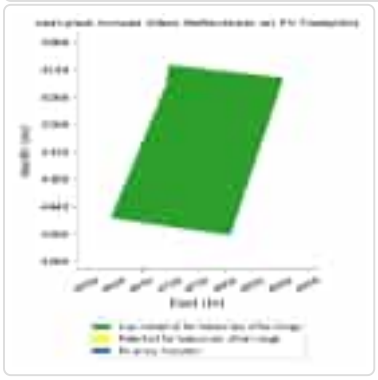
PV array is expected to produce the following glare for this receptor:

- 64 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





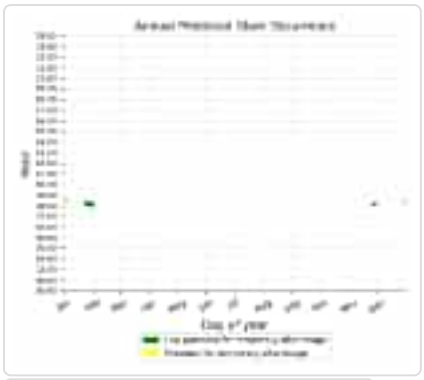


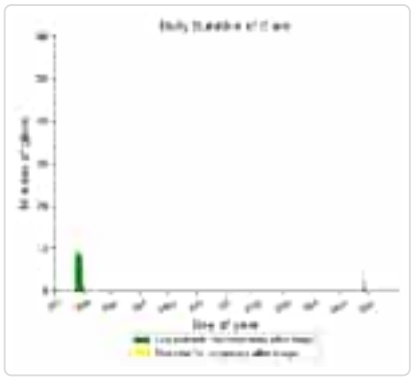


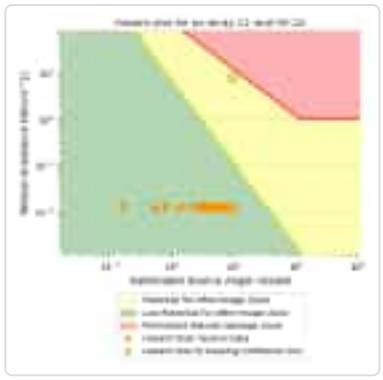
PV array 12: OP 22

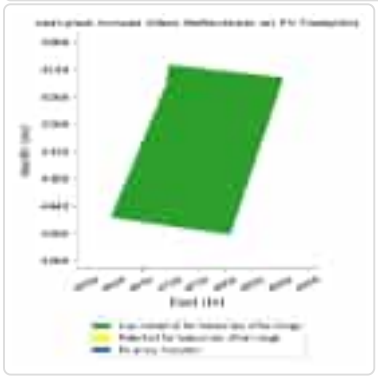
PV array is expected to produce the following glare for this receptor:

- 79 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





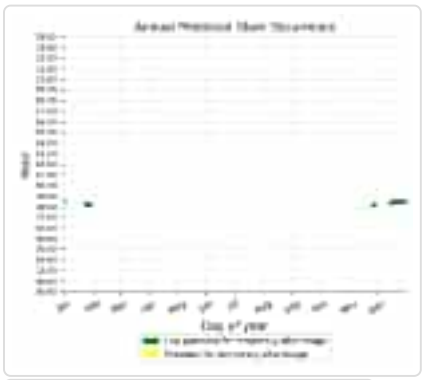


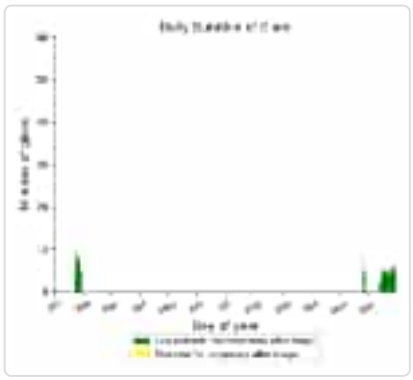


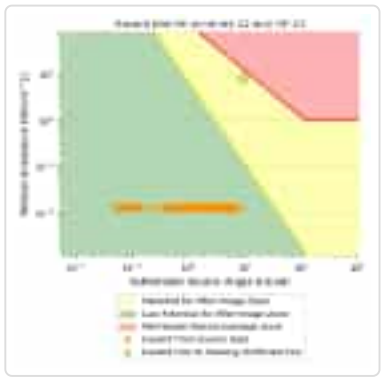
PV array 12: OP 23

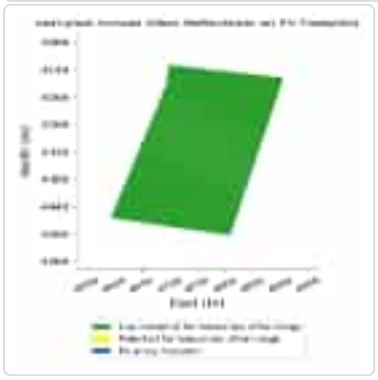
PV array is expected to produce the following glare for this receptor:

- 152 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





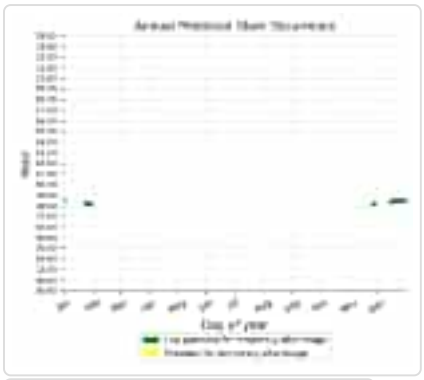


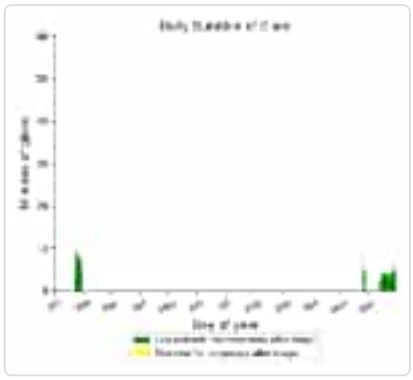


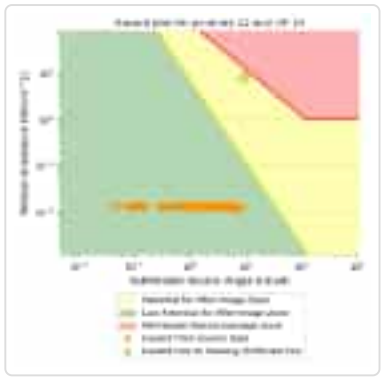
PV array 12: OP 24

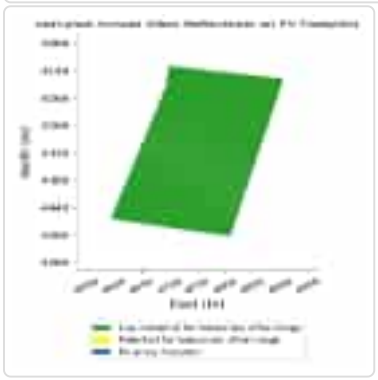
PV array is expected to produce the following glare for this receptor:

- 148 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





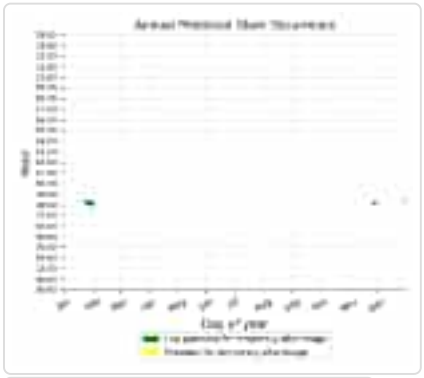


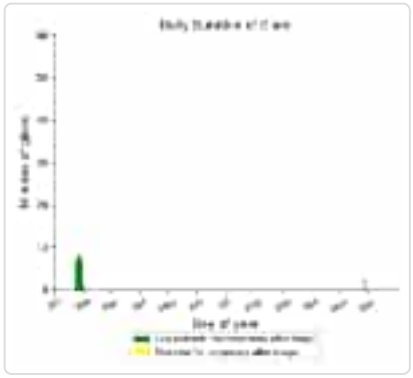


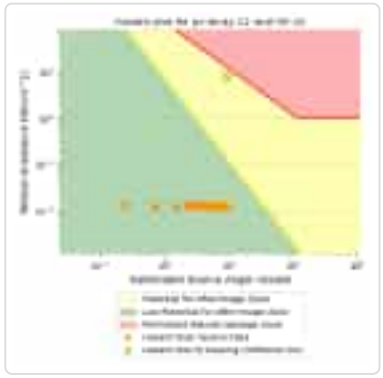
PV array 12: OP 25

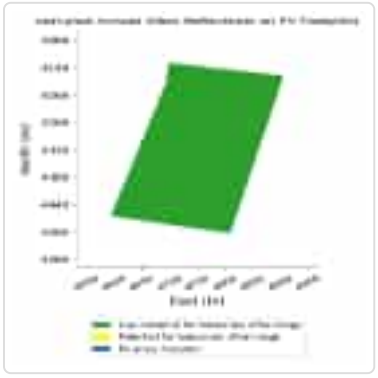
PV array is expected to produce the following glare for this receptor:

- 68 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





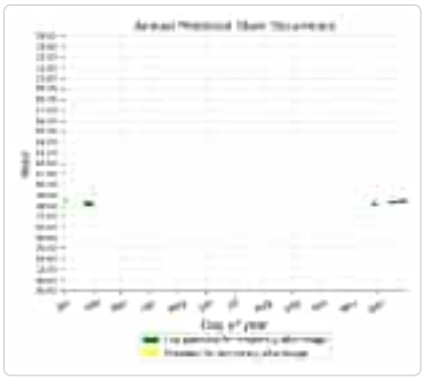


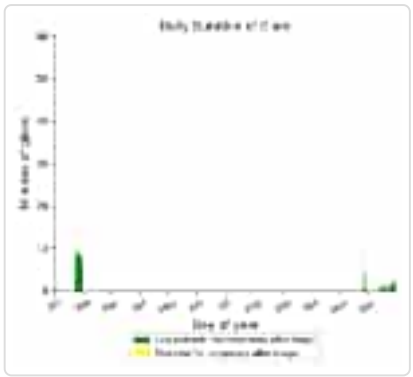


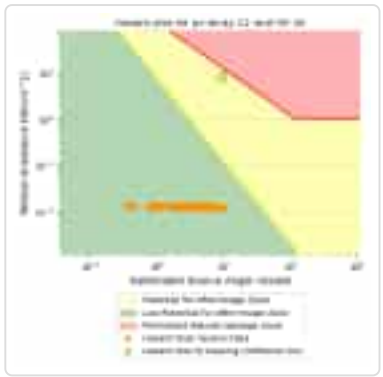
PV array 12: OP 26

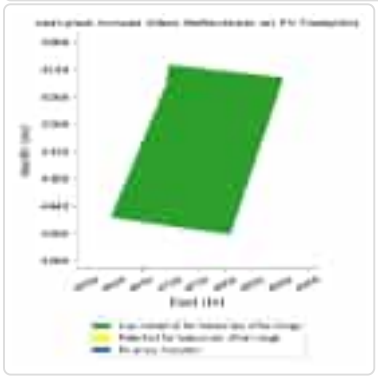
PV array is expected to produce the following glare for this receptor:

- 100 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





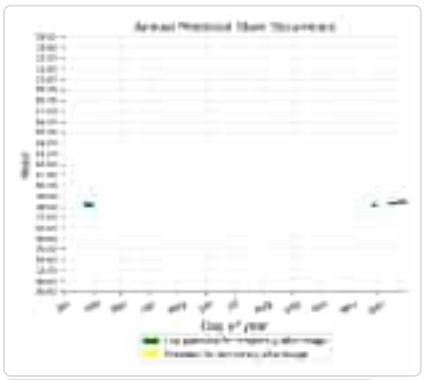


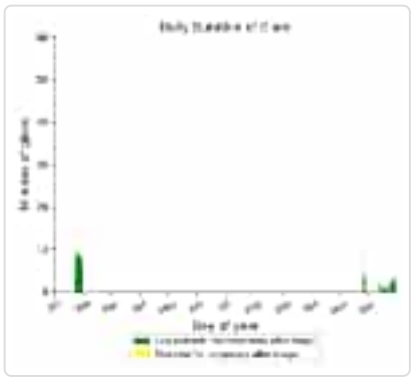


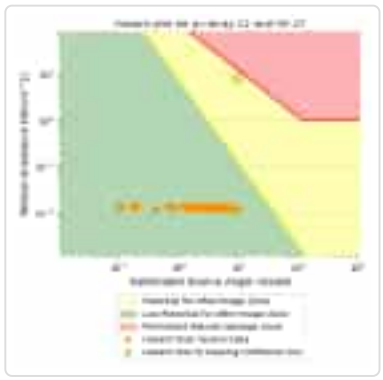
PV array 12: OP 27

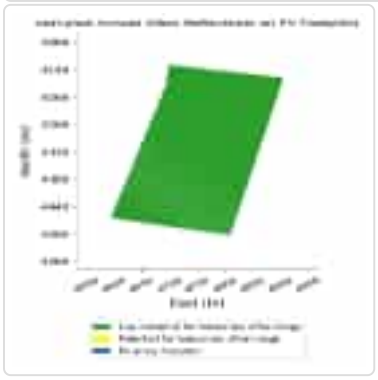
PV array is expected to produce the following glare for this receptor:

- 107 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









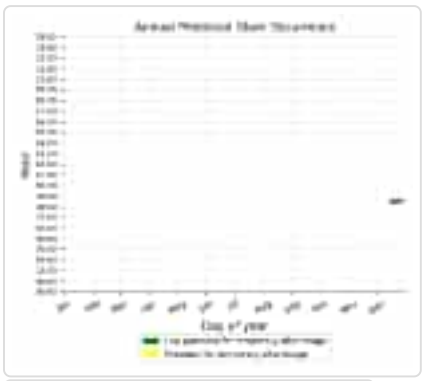
PV array 12: OP 28

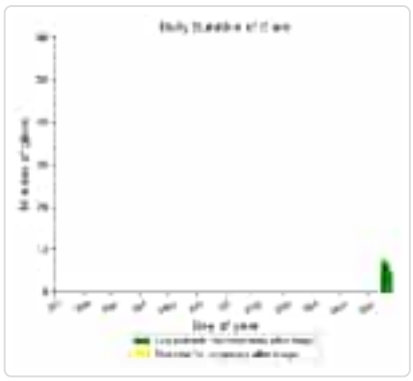
No glare found

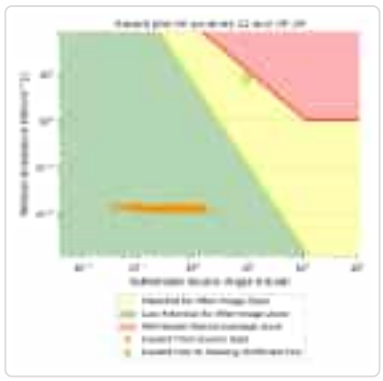
PV array 12: OP 29

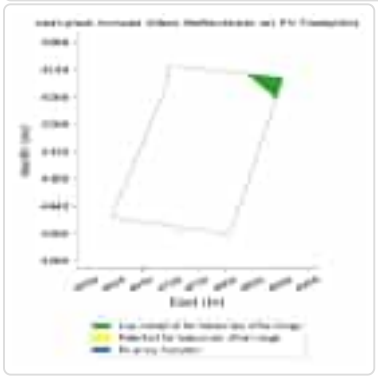
PV array is expected to produce the following glare for this receptor:

- 82 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









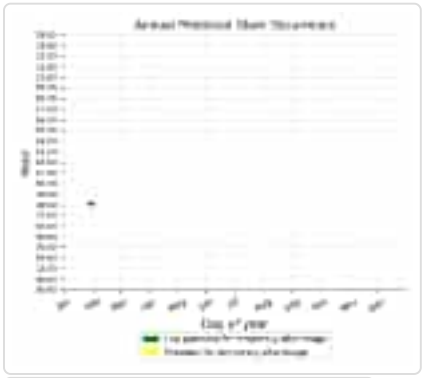
PV array 12: OP 30

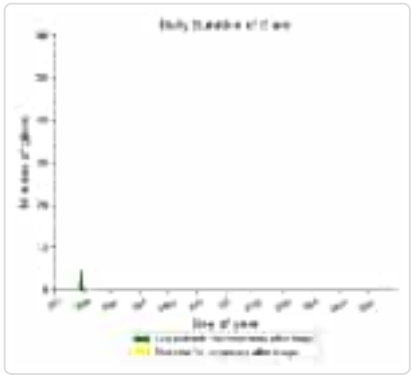
No glare found

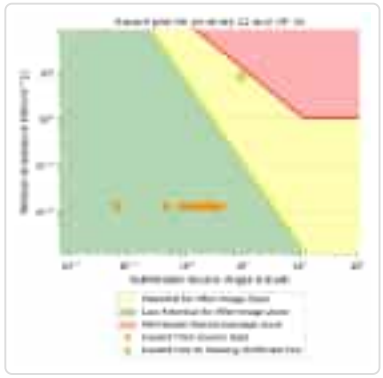
PV array 12: OP 31

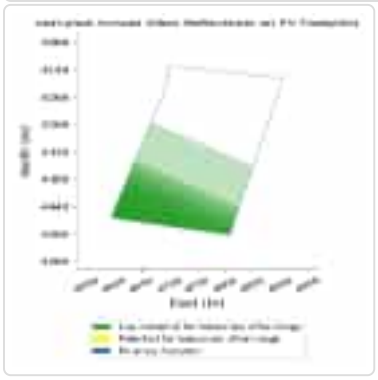
PV array is expected to produce the following glare for this receptor:

- 17 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





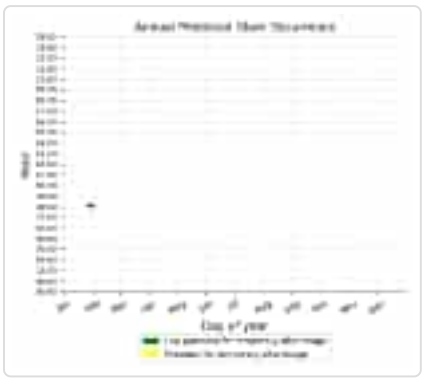


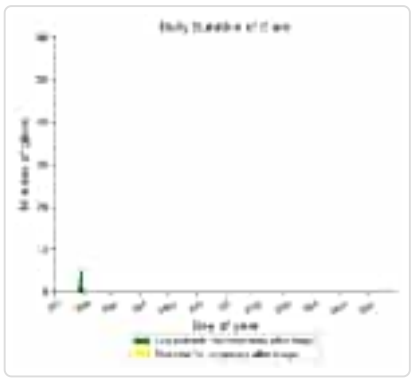


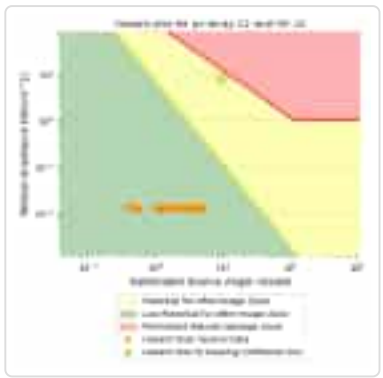
PV array 12: OP 32

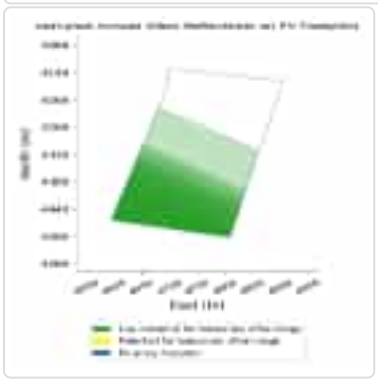
PV array is expected to produce the following glare for this receptor:

- 23 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





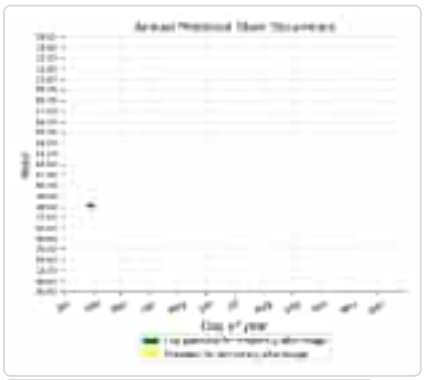


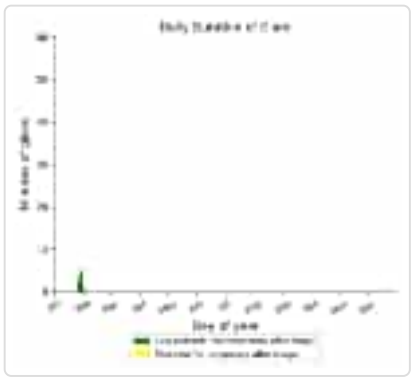


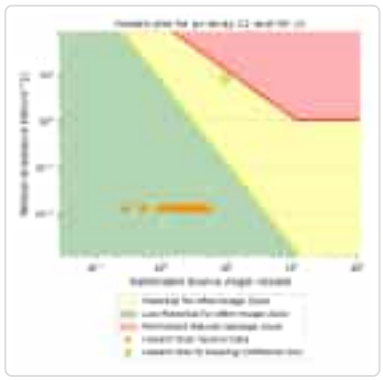
PV array 12: OP 33

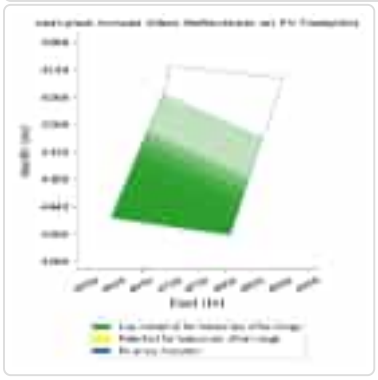
PV array is expected to produce the following glare for this receptor:

- 26 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





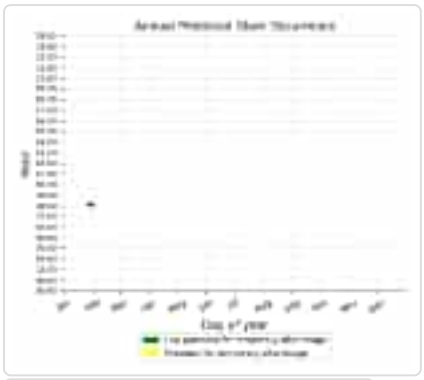


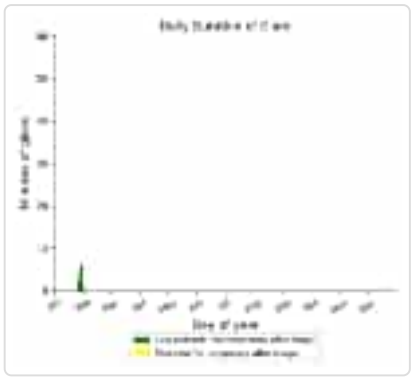


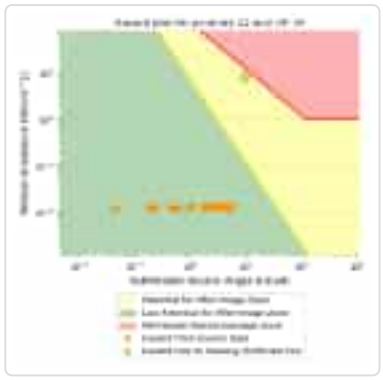
PV array 12: OP 34

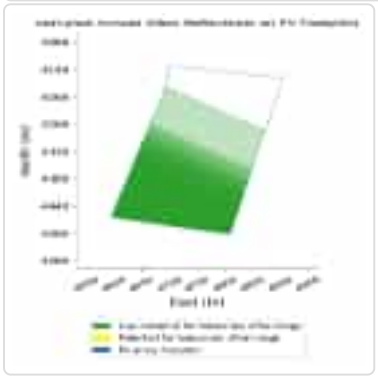
PV array is expected to produce the following glare for this receptor:

- 30 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





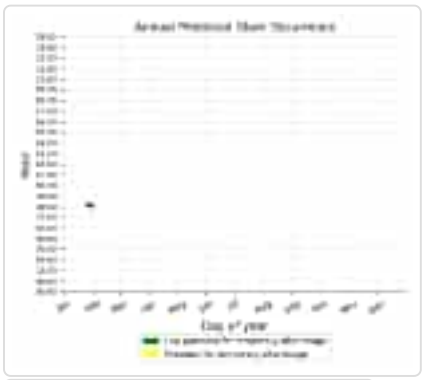


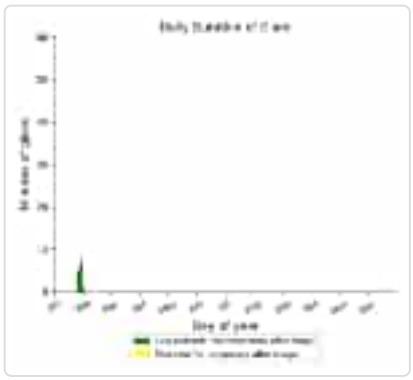


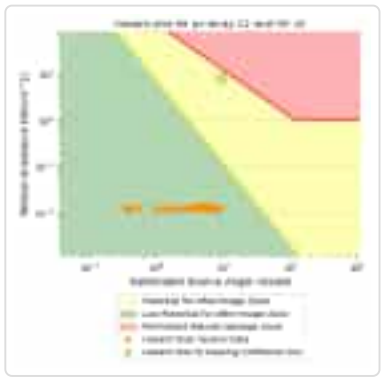
PV array 12: OP 35

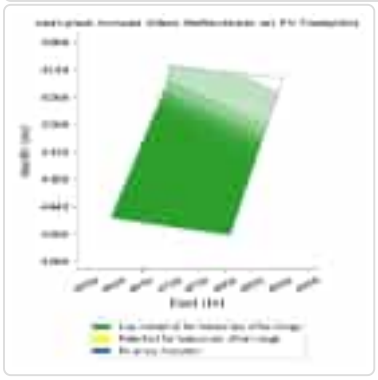
PV array is expected to produce the following glare for this receptor:

- 42 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





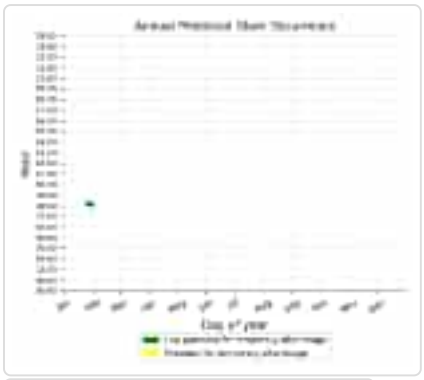


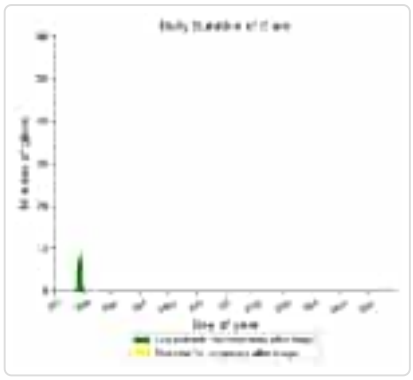


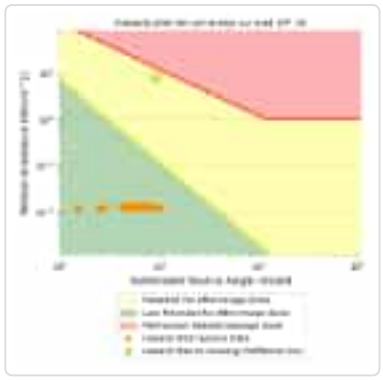
PV array 12: OP 36

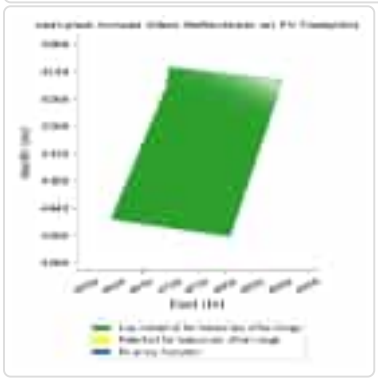
PV array is expected to produce the following glare for this receptor:

- 53 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





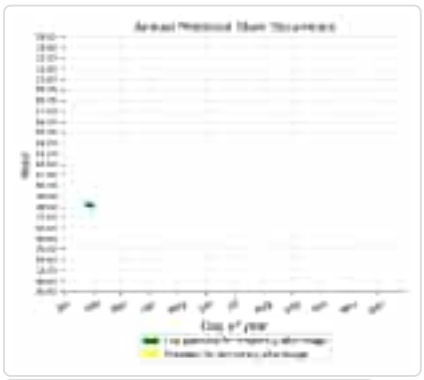


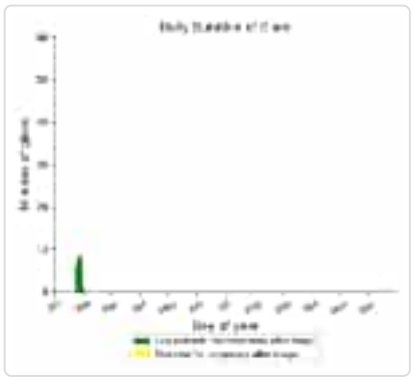


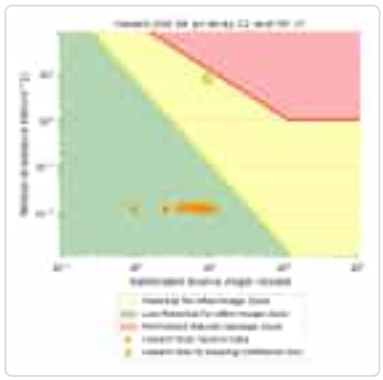
PV array 12: OP 37

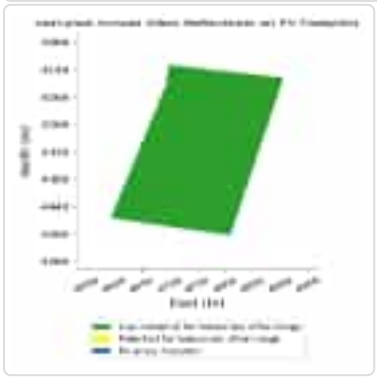
PV array is expected to produce the following glare for this receptor:

- 63 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12: OP 38

No glare found

PV array 12: OP 39

No glare found

PV array 12: OP 40

No glare found

PV array 12: OP 41

No glare found

PV array 12: OP 42

No glare found

PV array 12: OP 43

No glare found

PV array 12: OP 44

No glare found

PV array 12: OP 45

No glare found

PV array 12: OP 46

No glare found

PV array 12: OP 47

No glare found

PV array 12: OP 48

No glare found

PV array 12: OP 49

No glare found

PV array 12: OP 50

No glare found

PV array 12: OP 51

No glare found

PV array 12: OP 52

No glare found

PV array 12: OP 53

No glare found

PV array 12: OP 54

No glare found

PV array 12: OP 55

No glare found

PV array 12: OP 56

No glare found

PV array 12: OP 57

No glare found

PV array 12: OP 58

No glare found

PV array 12: OP 59

No glare found

PV array 12: OP 60

No glare found

PV array 12: OP 61

No glare found

PV array 12: OP 62

No glare found

PV array 12: OP 63

No glare found

PV array 12: OP 64

No glare found

PV array 12: OP 65

No glare found

PV array 12: OP 66

No glare found

PV array 12: OP 67

No glare found

PV array 12: OP 68

No glare found

PV array 12: OP 69

No glare found

PV array 12: OP 70

No glare found

PV array 12: OP 71

No glare found

PV array 12: OP 72

No glare found

PV array 12: OP 73

No glare found

PV array 12: OP 74

No glare found

PV array 12: OP 75

No glare found

PV array 12: OP 76

No glare found

PV array 12: OP 77

No glare found

PV array 12: OP 78

No glare found

PV array 12: OP 79

No glare found

PV array 12: OP 80

No glare found

PV array 13 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 14 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	22	0
OP: OP 2	24	0
OP: OP 3	0	0
OP: OP 4	27	0
OP: OP 5	0	0
OP: OP 6	29	0
OP: OP 7	976	0
OP: OP 8	388	0
OP: OP 9	455	0
OP: OP 10	567	0
OP: OP 11	518	0
OP: OP 12	31	0
OP: OP 13	325	0
OP: OP 14	358	0
OP: OP 15	379	0
OP: OP 16	397	0
OP: OP 17	325	0
OP: OP 18	473	0

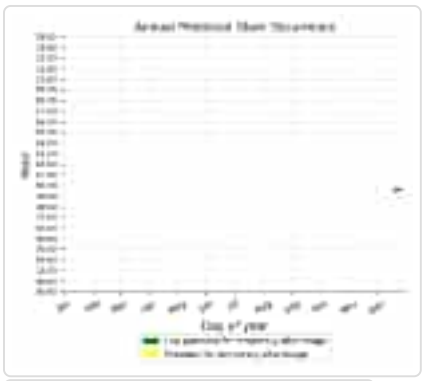
OP: OP 19	429	0
OP: OP 20	673	0
OP: OP 21	390	0
OP: OP 22	521	0
OP: OP 23	363	0
OP: OP 24	409	0
OP: OP 25	485	0
OP: OP 26	406	0
OP: OP 27	270	0
OP: OP 28	779	0
OP: OP 29	1358	0
OP: OP 30	600	0
OP: OP 31	618	0
OP: OP 32	558	0
OP: OP 33	589	0
OP: OP 34	674	0
OP: OP 35	659	0
OP: OP 36	600	0
OP: OP 37	375	0
OP: OP 38	2403	0
OP: OP 39	2331	0
OP: OP 40	2491	0
OP: OP 41	2781	0
OP: OP 42	1434	0
OP: OP 43	1182	0
OP: OP 44	954	0
OP: OP 45	939	0
OP: OP 46	665	0
OP: OP 47	602	0
OP: OP 48	1614	0
OP: OP 49	1557	0
OP: OP 50	1654	0
OP: OP 51	1219	0
OP: OP 52	1985	0
OP: OP 53	1893	0
OP: OP 54	1924	0
OP: OP 55	1953	0
OP: OP 56	1795	0
OP: OP 57	1851	0
OP: OP 58	1514	0
OP: OP 59	1792	0
OP: OP 60	1770	0
OP: OP 61	1596	0
OP: OP 62	1913	0
OP: OP 63	2028	0
OP: OP 64	1973	0
OP: OP 65	1959	0
OP: OP 66	1993	0
OP: OP 67	1987	0
OP: OP 68	1151	0
OP: OP 69	1067	0
OP: OP 70	1106	0
OP: OP 71	1980	0
OP: OP 72	1821	0

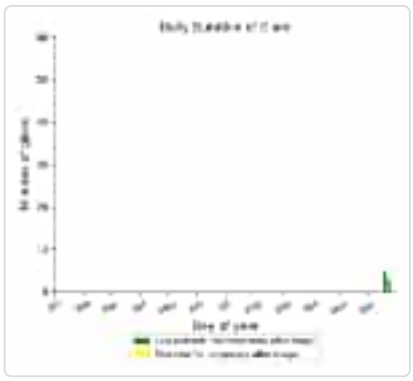
OP: OP 73	1862	0
OP: OP 74	1783	0
OP: OP 75	2099	0
OP: OP 76	1522	0
OP: OP 77	1186	0
OP: OP 78	282	0
OP: OP 79	131	0
OP: OP 80	220	0

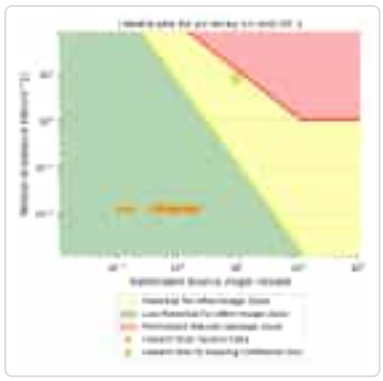
PV array 14: OP 1

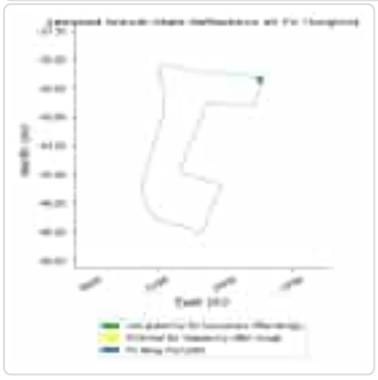
PV array is expected to produce the following glare for this receptor:

- 22 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





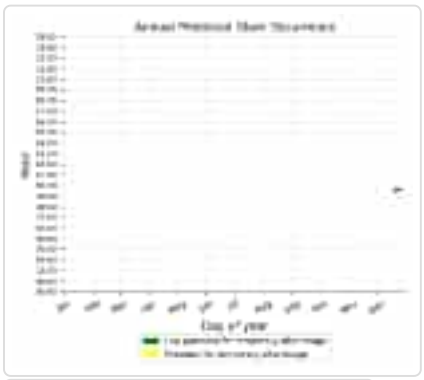


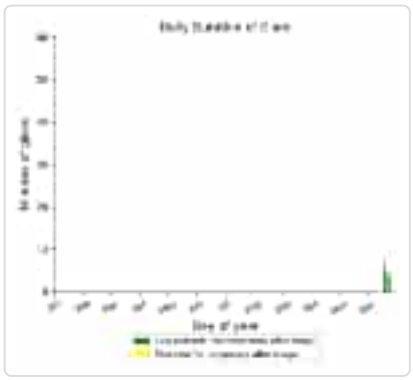


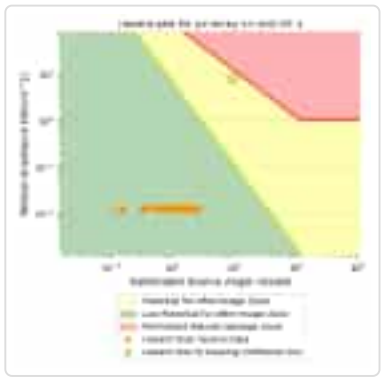
PV array 14: OP 2

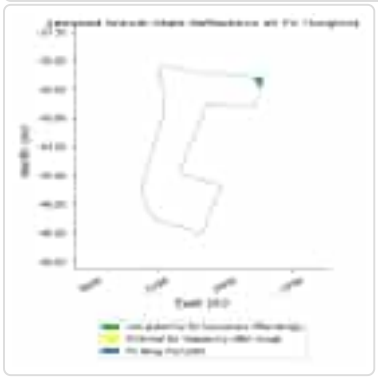
PV array is expected to produce the following glare for this receptor:

- 24 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









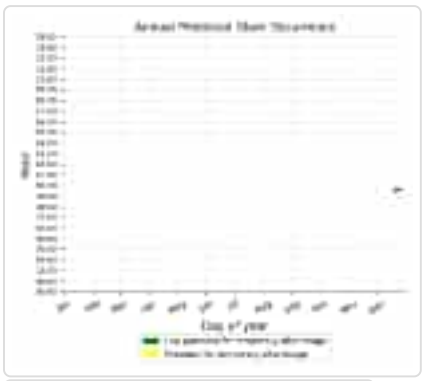
PV array 14: OP 3

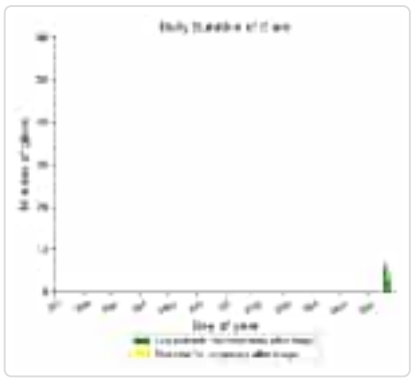
No glare found

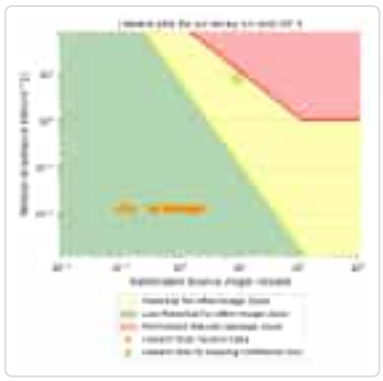
PV array 14: OP 4

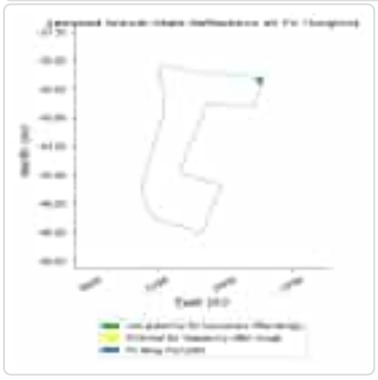
PV array is expected to produce the following glare for this receptor:

- 27 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









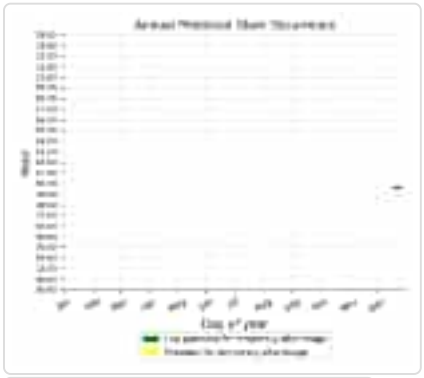
PV array 14: OP 5

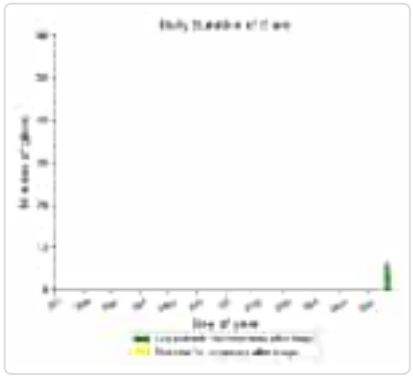
No glare found

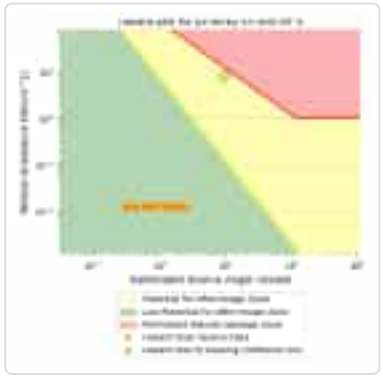
PV array 14: OP 6

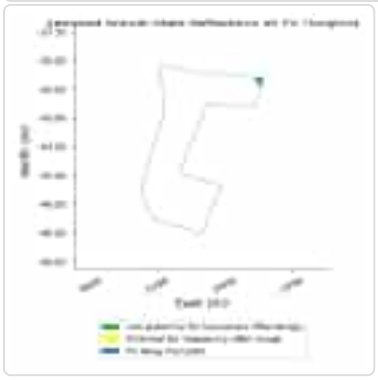
PV array is expected to produce the following glare for this receptor:

- 29 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





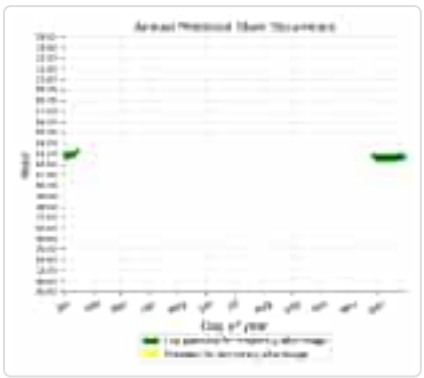


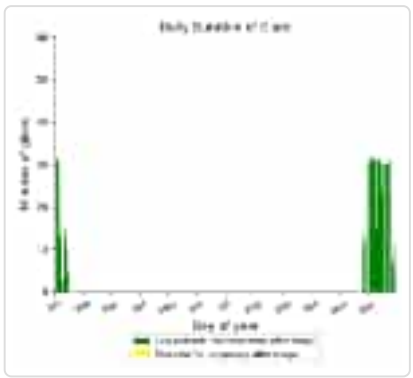


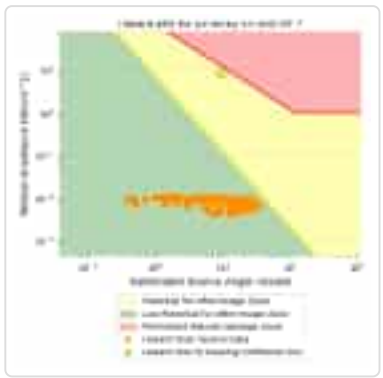
PV array 14: OP 7

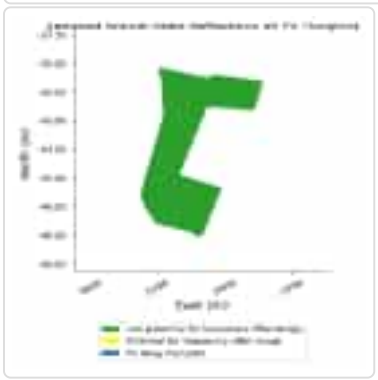
PV array is expected to produce the following glare for this receptor:

- 976 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





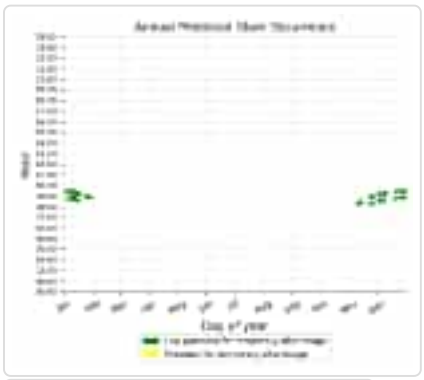


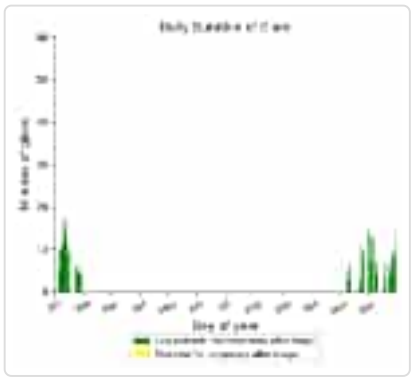


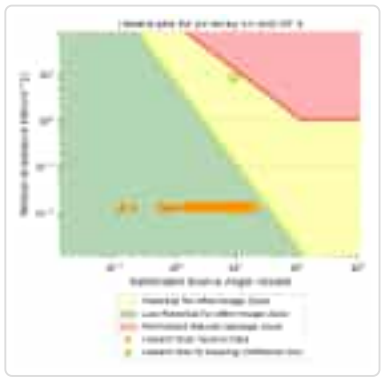
PV array 14: OP 8

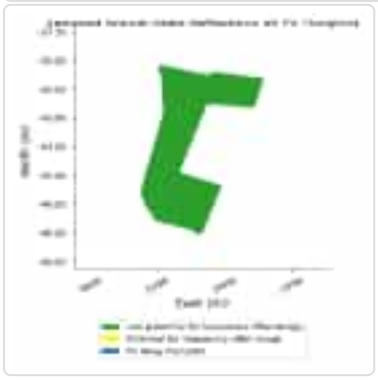
PV array is expected to produce the following glare for this receptor:

- 388 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





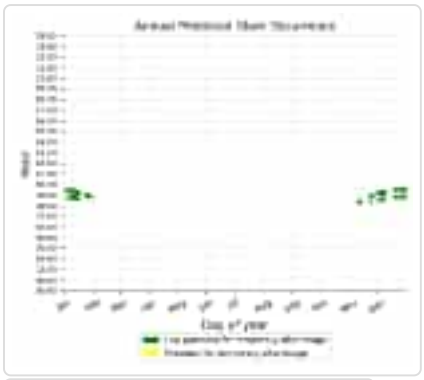


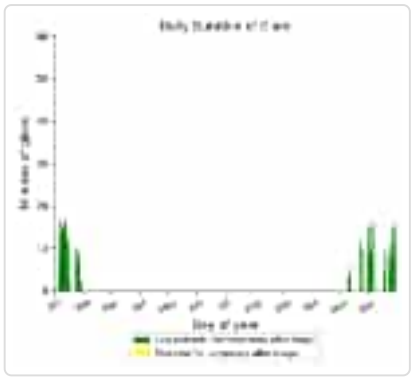


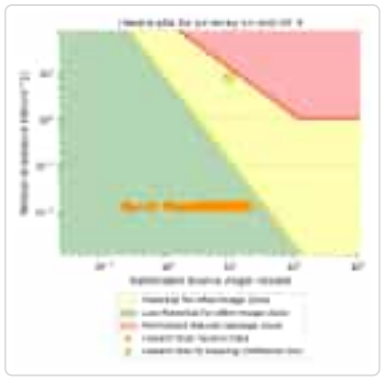
PV array 14: OP 9

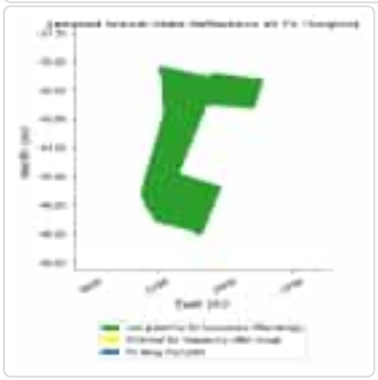
PV array is expected to produce the following glare for this receptor:

- 455 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





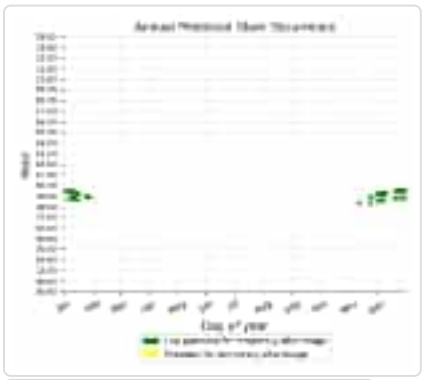


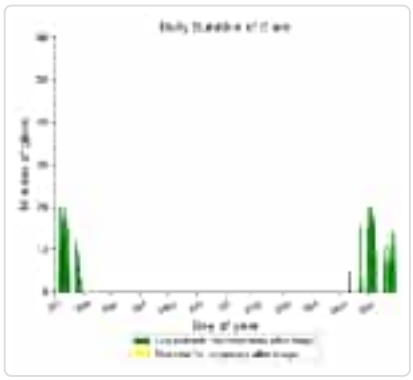


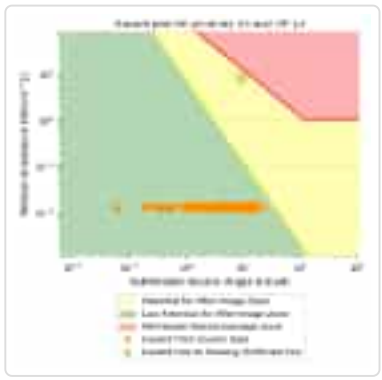
PV array 14: OP 10

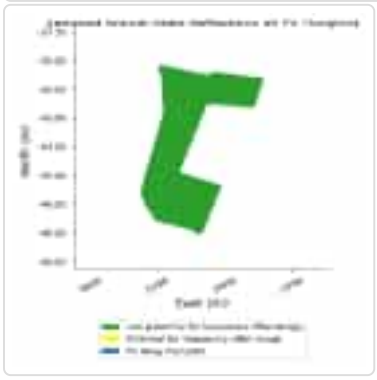
PV array is expected to produce the following glare for this receptor:

- 567 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





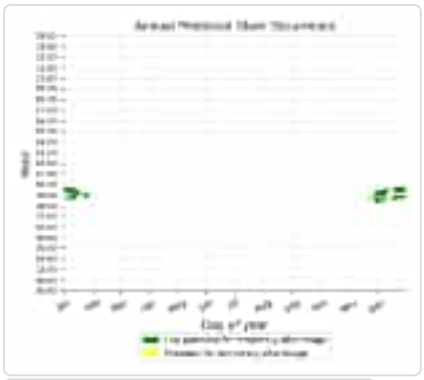


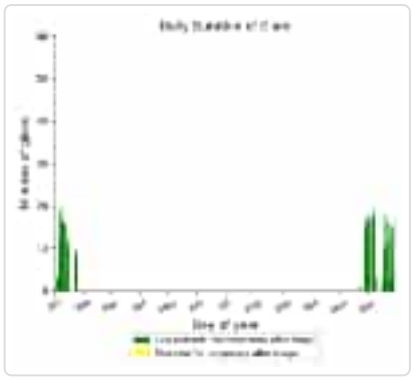


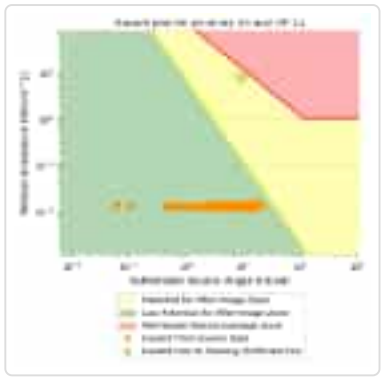
PV array 14: OP 11

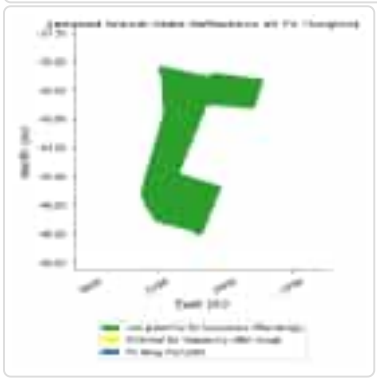
PV array is expected to produce the following glare for this receptor:

- 518 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





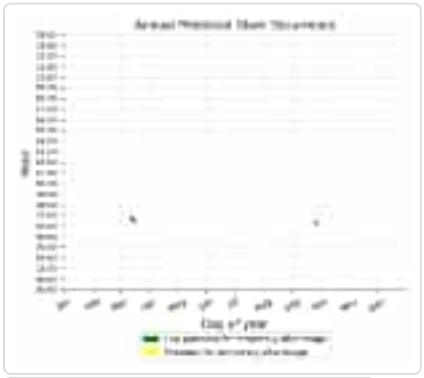


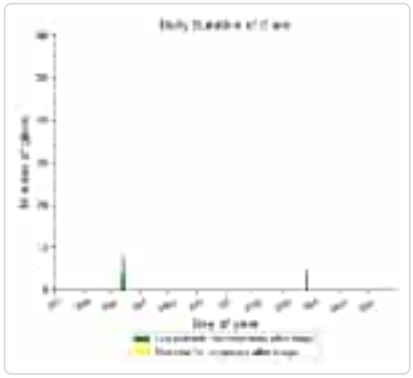


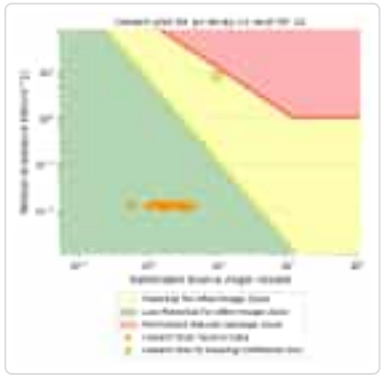
PV array 14: OP 12

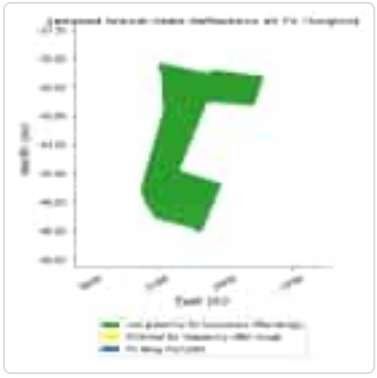
PV array is expected to produce the following glare for this receptor:

- 31 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





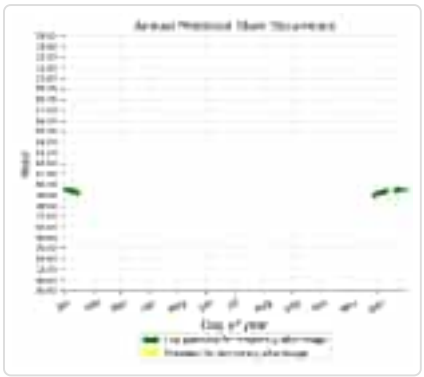


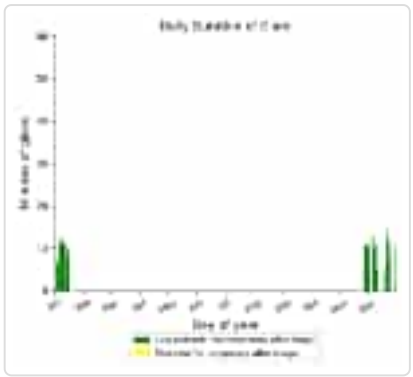


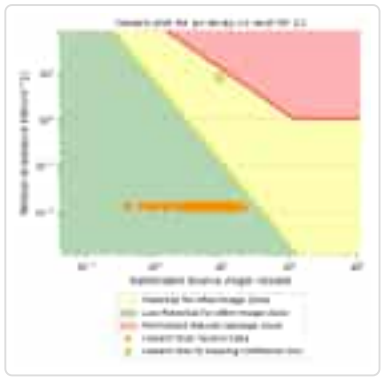
PV array 14: OP 13

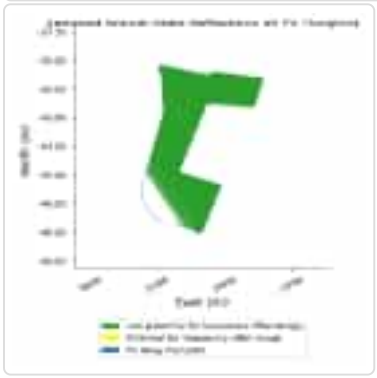
PV array is expected to produce the following glare for this receptor:

- 325 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





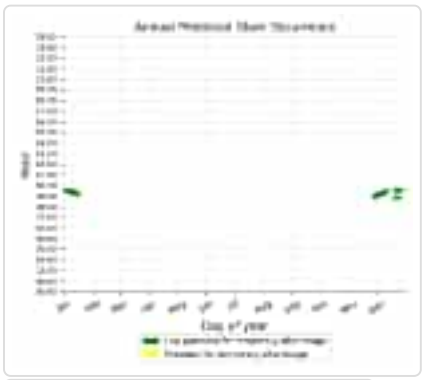


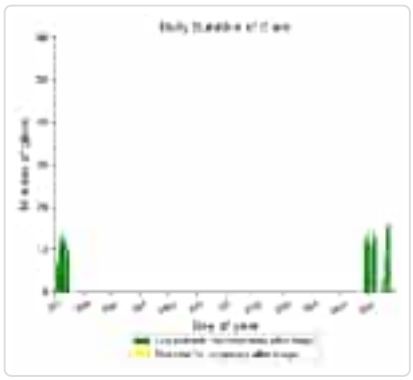


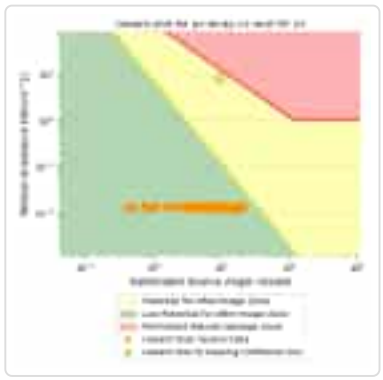
PV array 14: OP 14

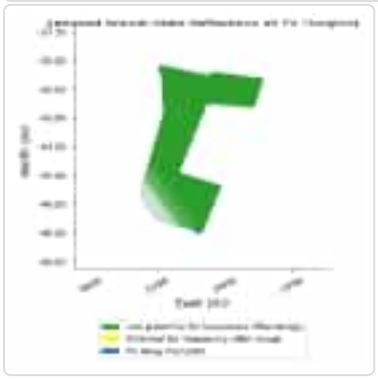
PV array is expected to produce the following glare for this receptor:

- 358 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





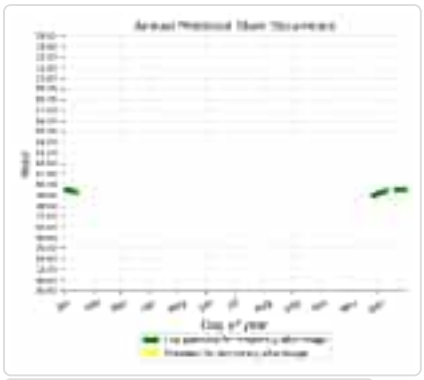


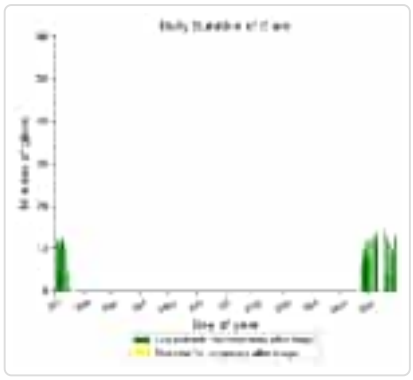


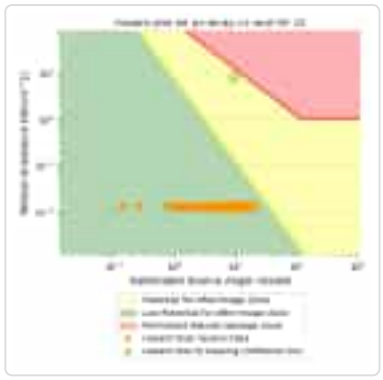
PV array 14: OP 15

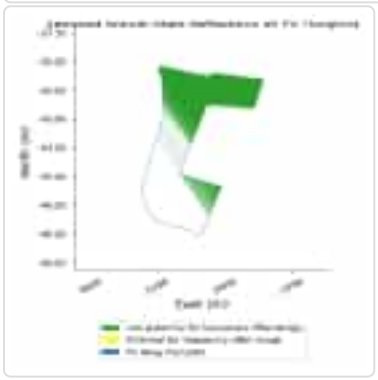
PV array is expected to produce the following glare for this receptor:

- 379 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





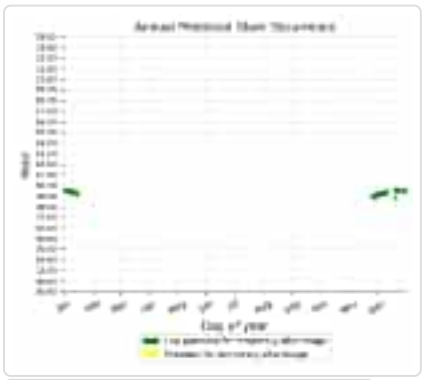


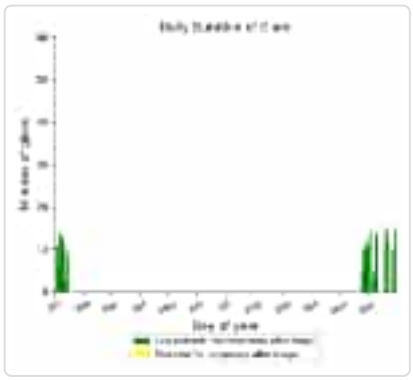


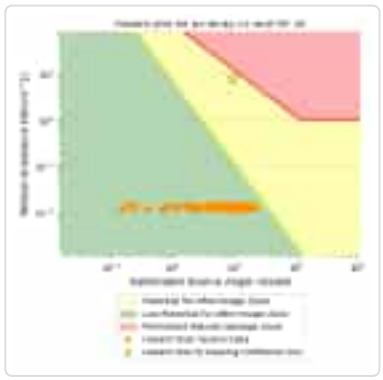
PV array 14: OP 16

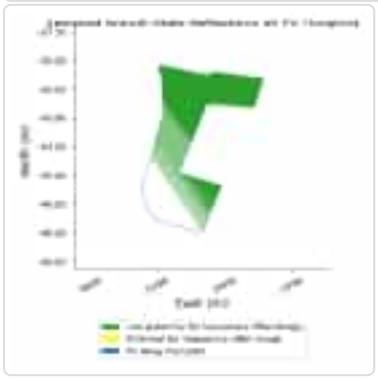
PV array is expected to produce the following glare for this receptor:

- 397 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





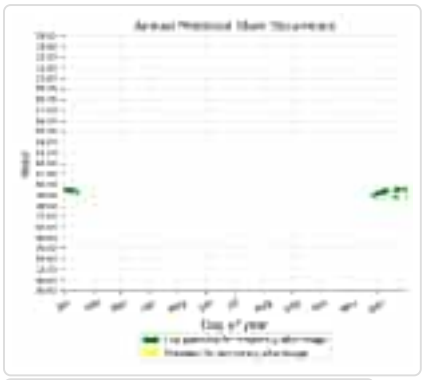


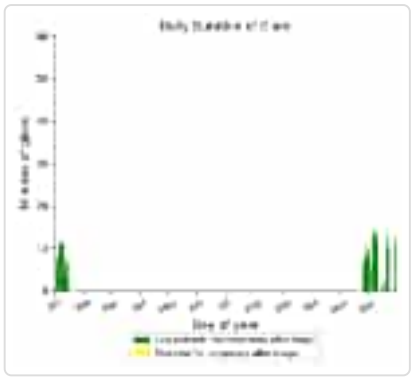


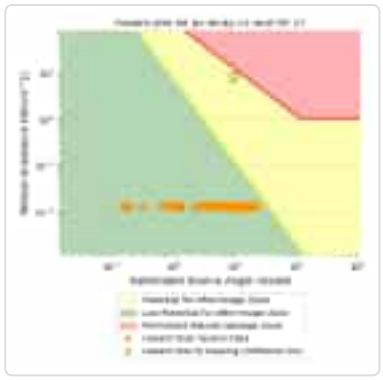
PV array 14: OP 17

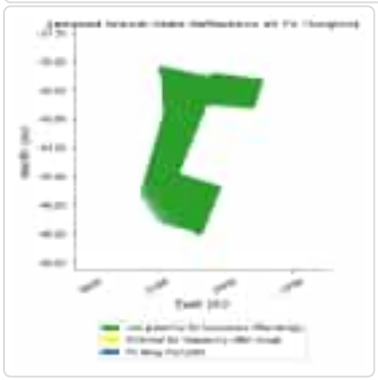
PV array is expected to produce the following glare for this receptor:

- 325 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





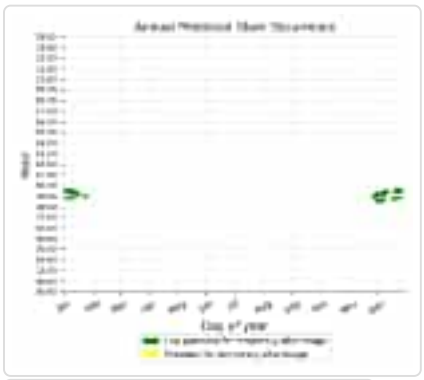


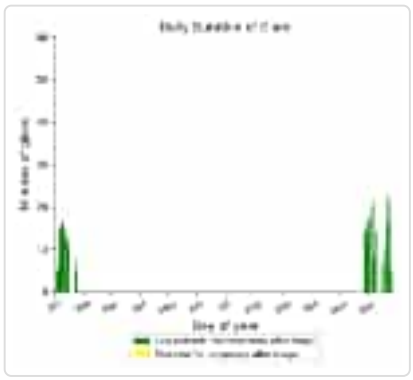


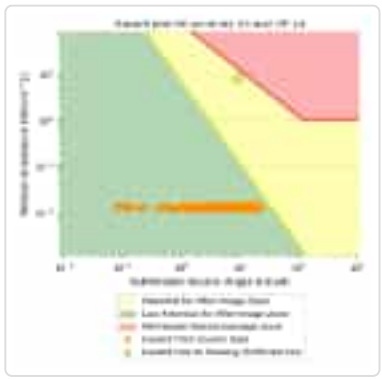
PV array 14: OP 18

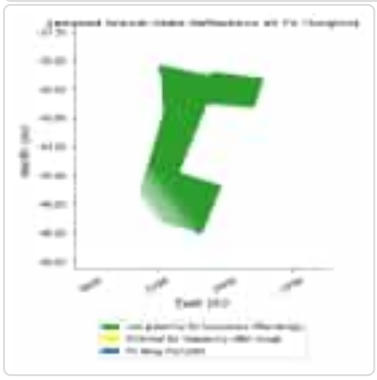
PV array is expected to produce the following glare for this receptor:

- 473 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





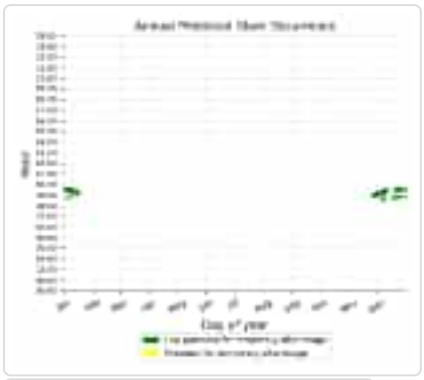


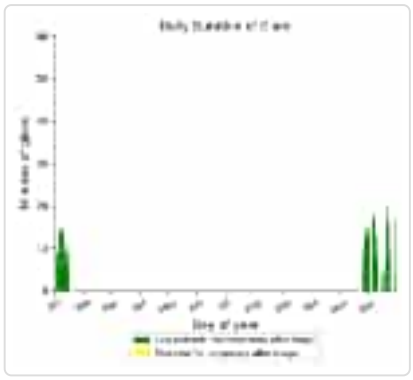


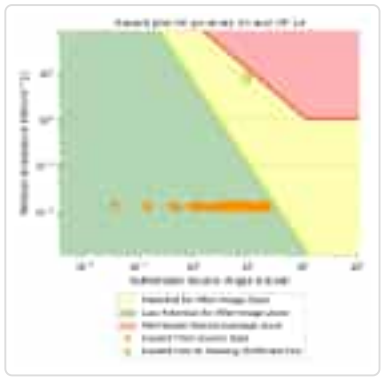
PV array 14: OP 19

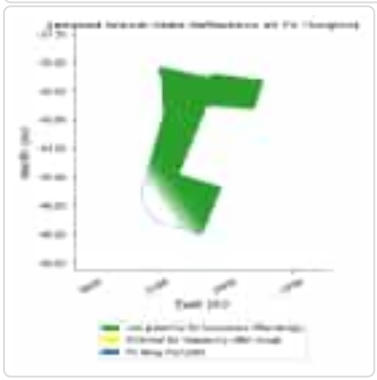
PV array is expected to produce the following glare for this receptor:

- 429 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





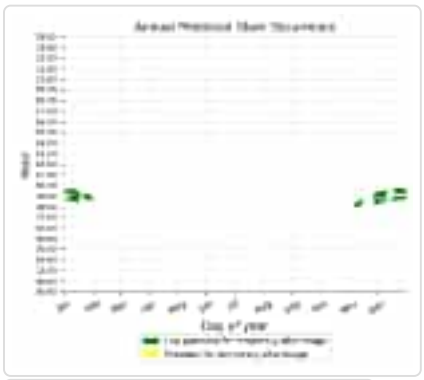


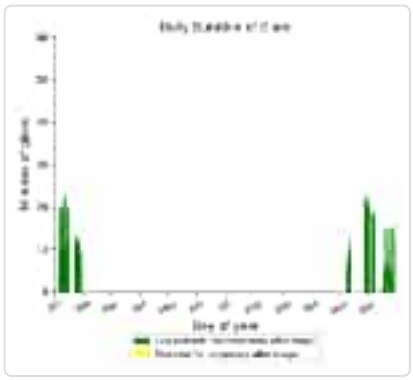


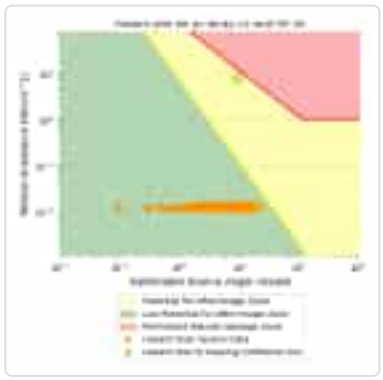
PV array 14: OP 20

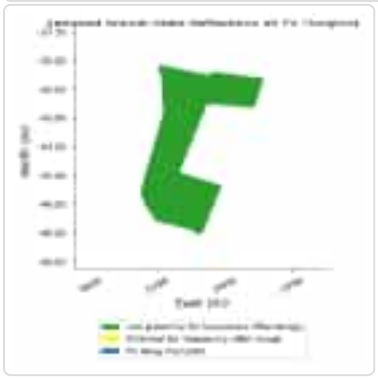
PV array is expected to produce the following glare for this receptor:

- 673 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





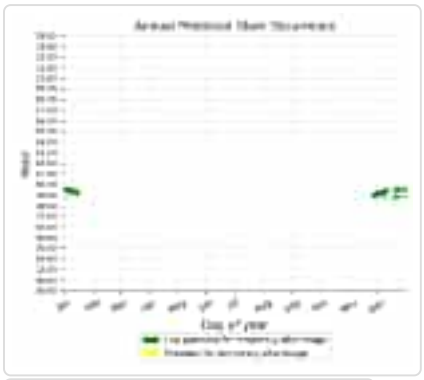


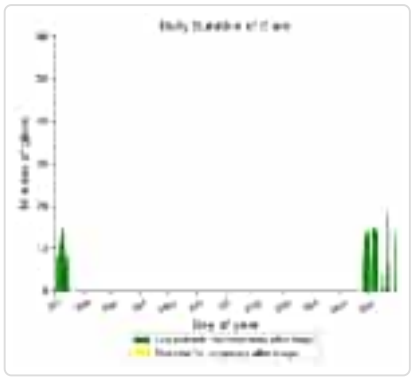


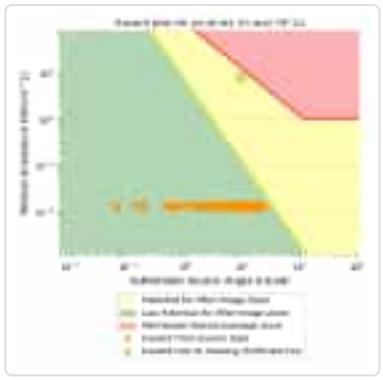
PV array 14: OP 21

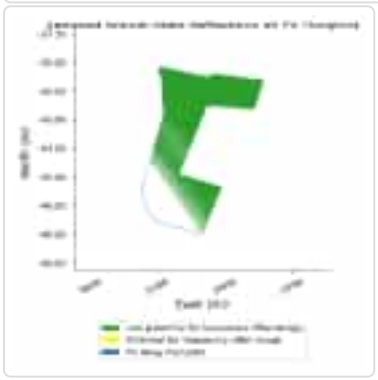
PV array is expected to produce the following glare for this receptor:

- 390 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





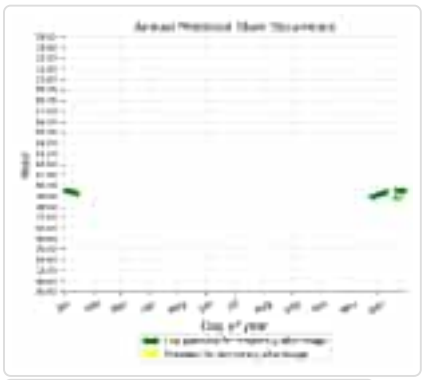


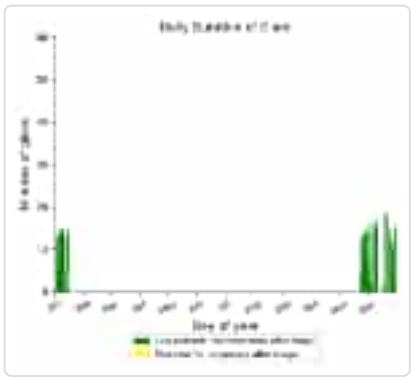


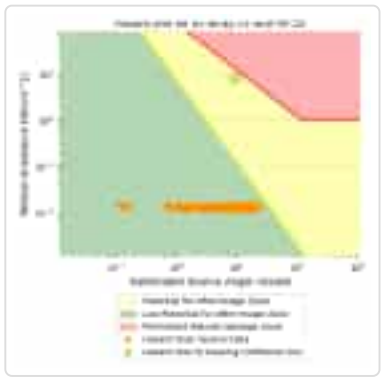
PV array 14: OP 22

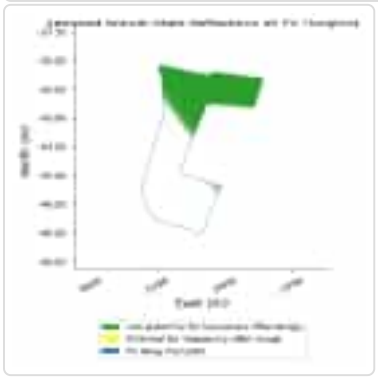
PV array is expected to produce the following glare for this receptor:

- 521 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





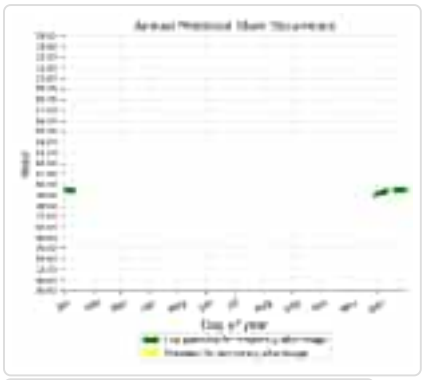


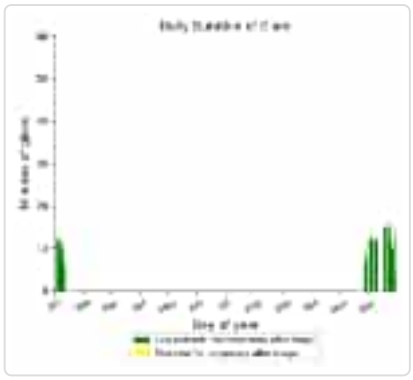


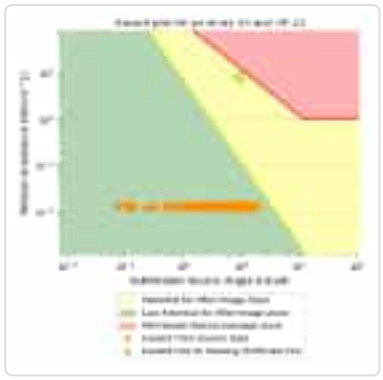
PV array 14: OP 23

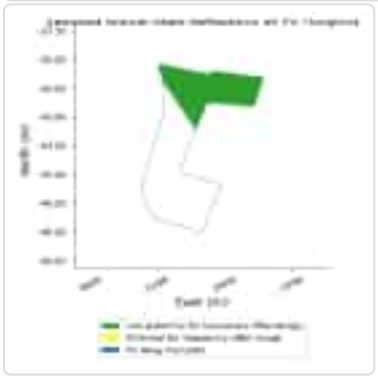
PV array is expected to produce the following glare for this receptor:

- 363 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





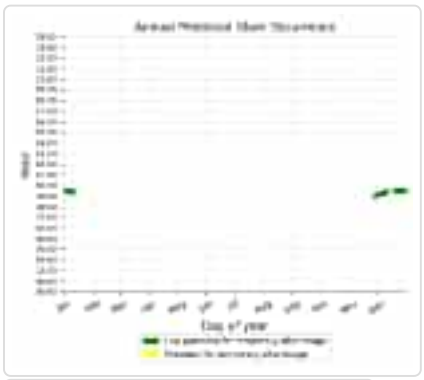


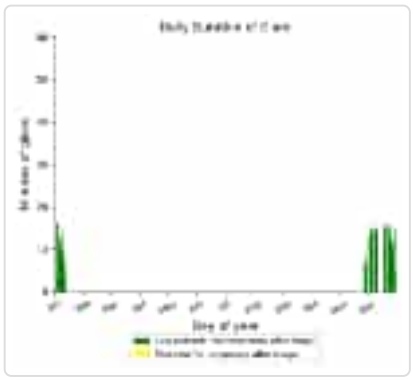


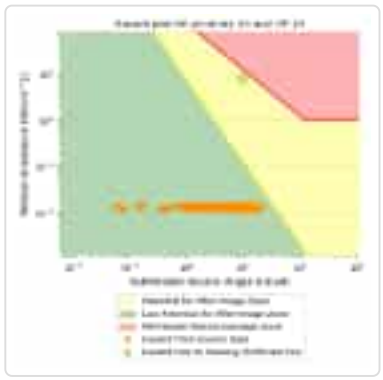
PV array 14: OP 24

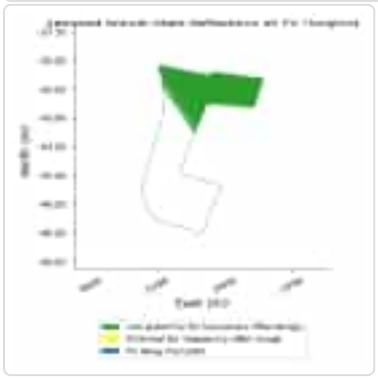
PV array is expected to produce the following glare for this receptor:

- 409 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





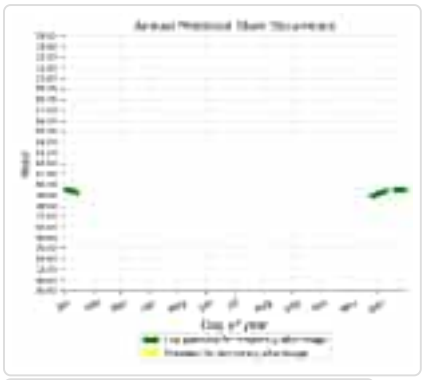


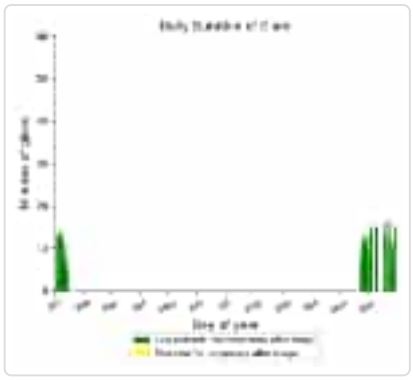


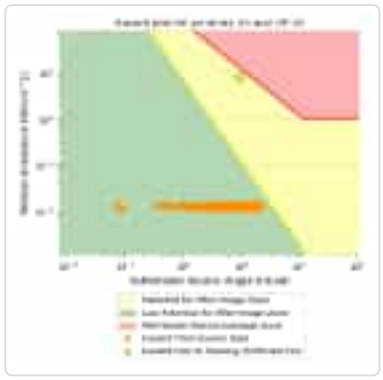
PV array 14: OP 25

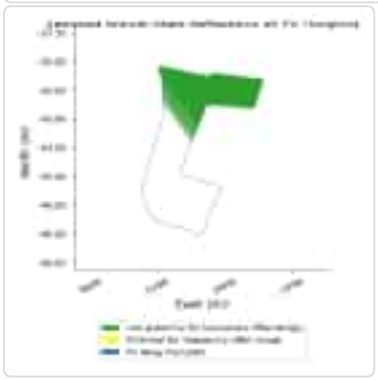
PV array is expected to produce the following glare for this receptor:

- 485 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





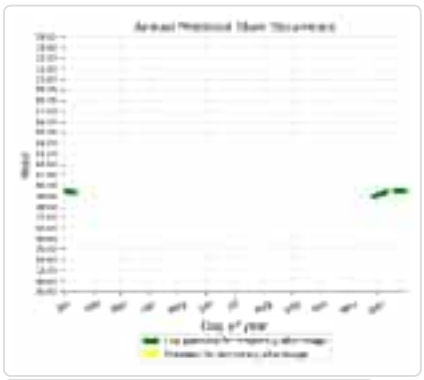


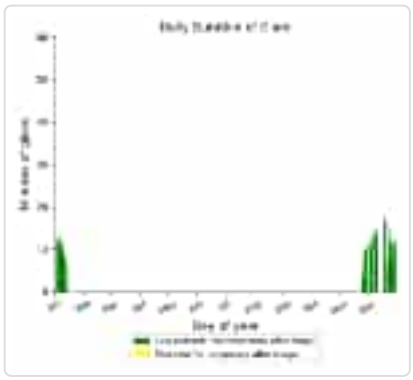


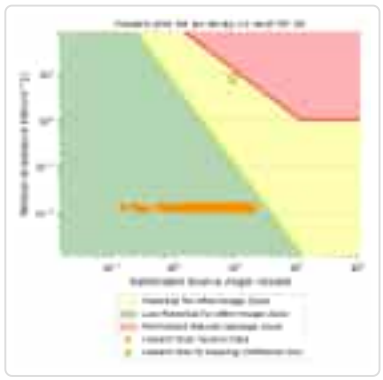
PV array 14: OP 26

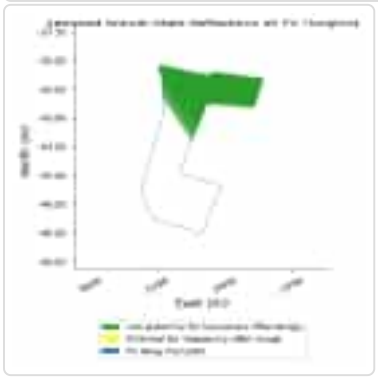
PV array is expected to produce the following glare for this receptor:

- 406 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





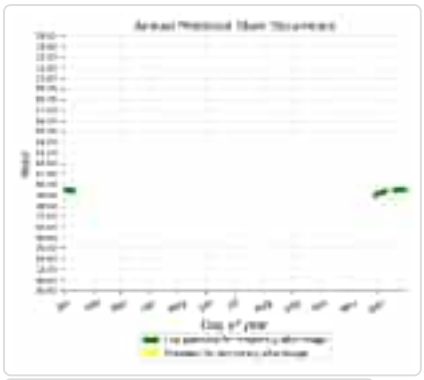


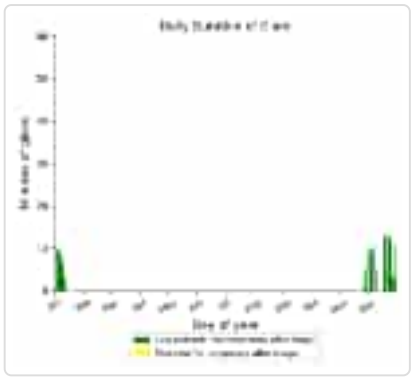


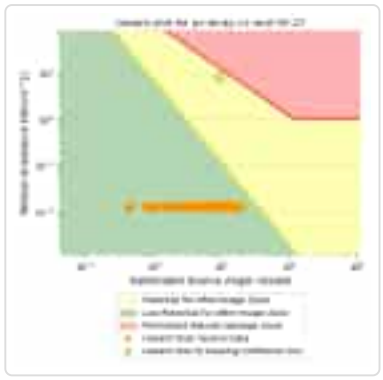
PV array 14: OP 27

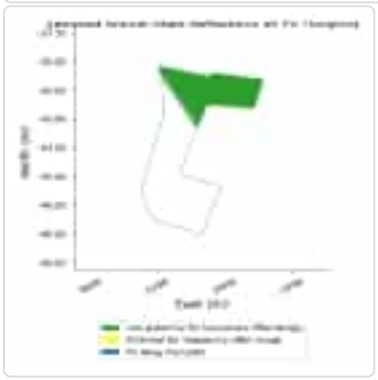
PV array is expected to produce the following glare for this receptor:

- 270 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





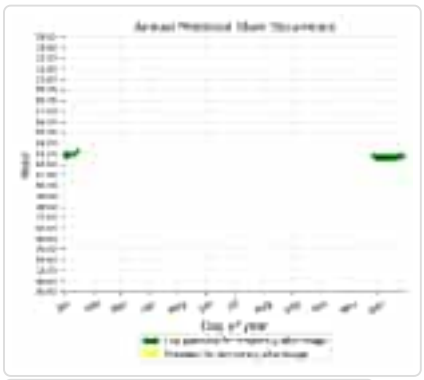


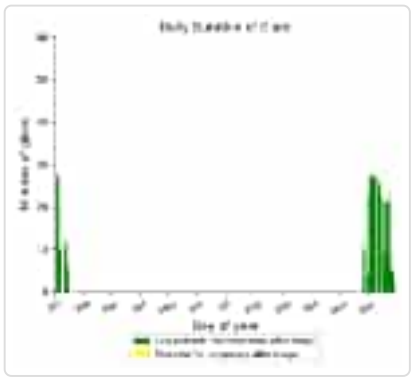


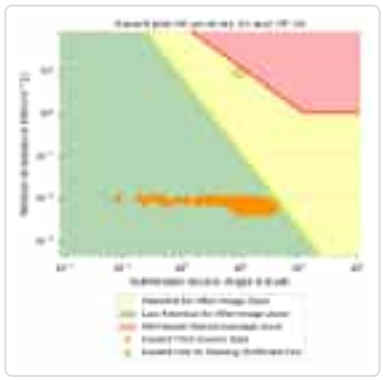
PV array 14: OP 28

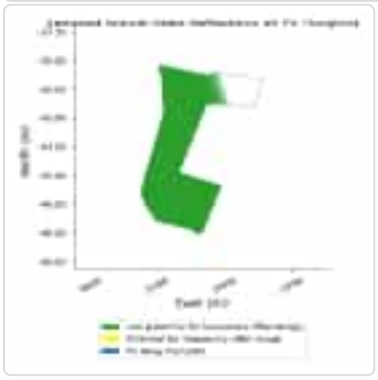
PV array is expected to produce the following glare for this receptor:

- 779 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





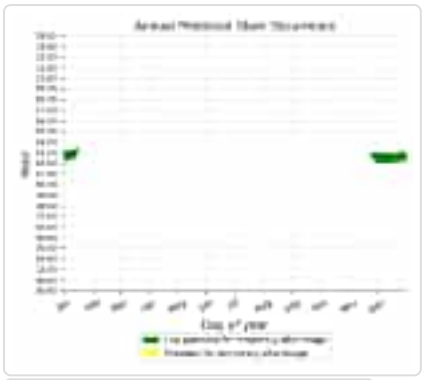


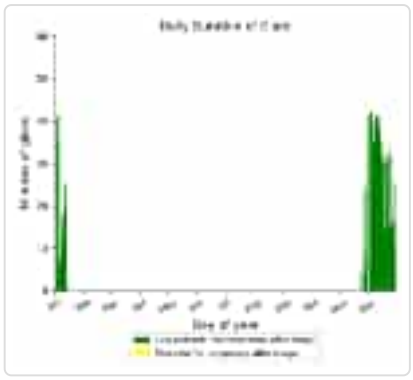


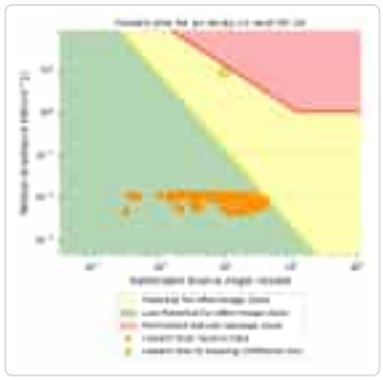
PV array 14: OP 29

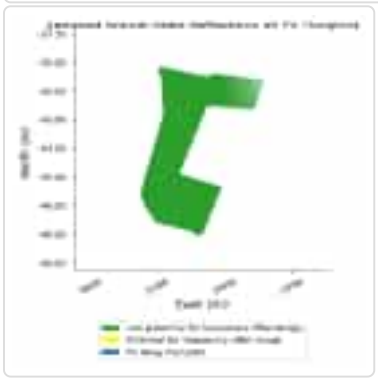
PV array is expected to produce the following glare for this receptor:

- 1,358 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





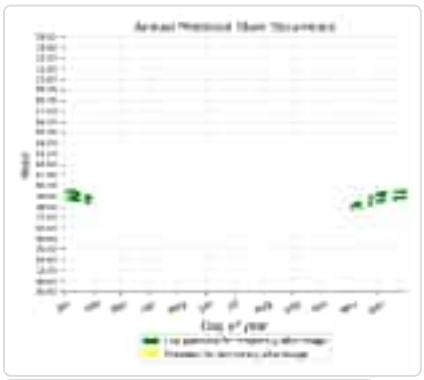


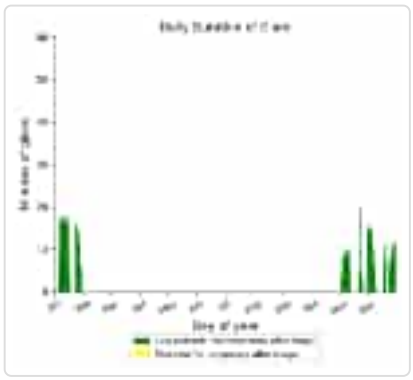


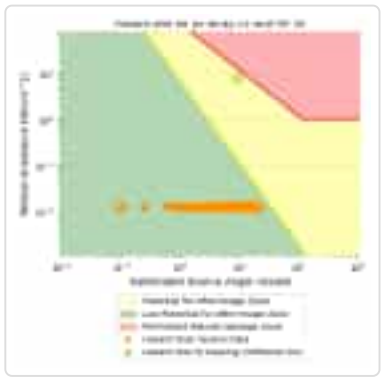
PV array 14: OP 30

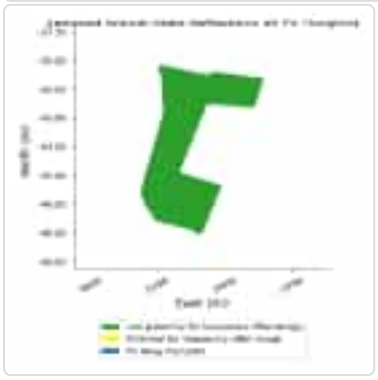
PV array is expected to produce the following glare for this receptor:

- 600 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





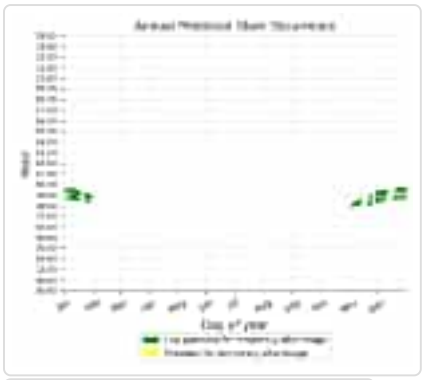


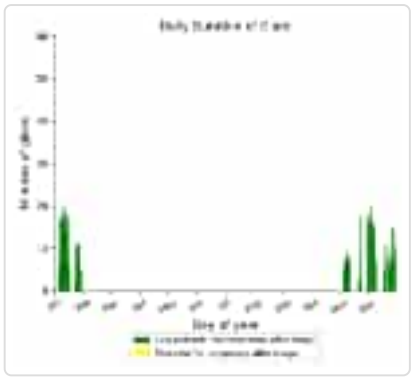


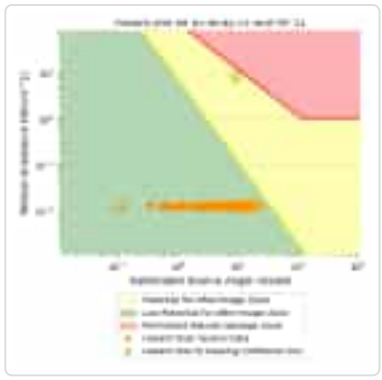
PV array 14: OP 31

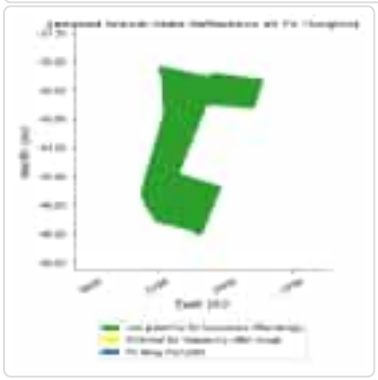
PV array is expected to produce the following glare for this receptor:

- 618 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





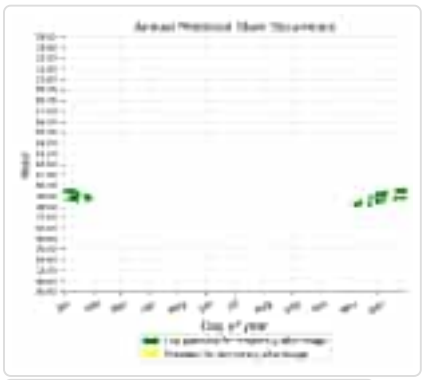


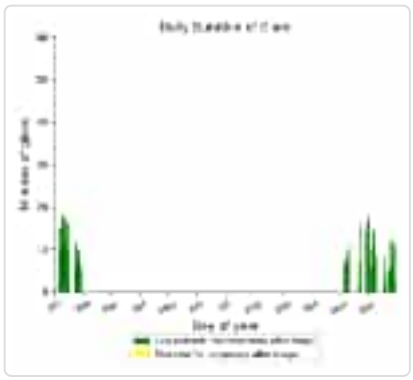


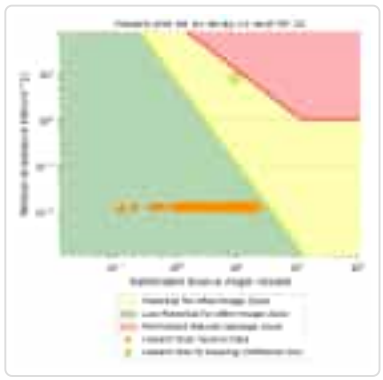
PV array 14: OP 32

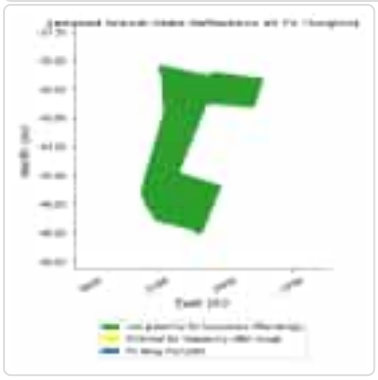
PV array is expected to produce the following glare for this receptor:

- 558 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





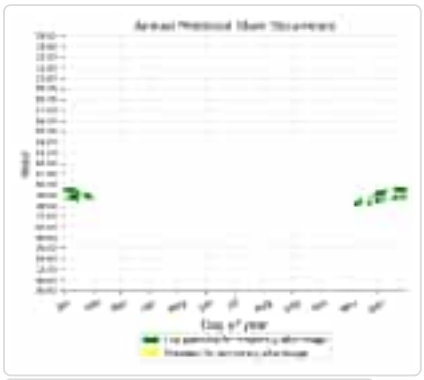


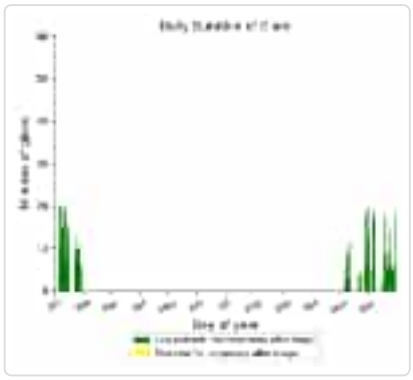


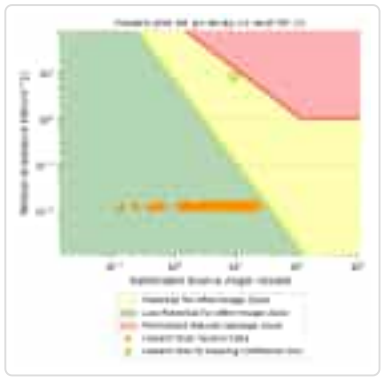
PV array 14: OP 33

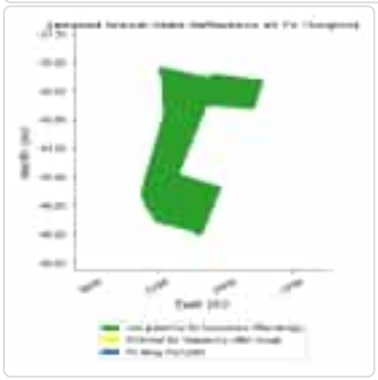
PV array is expected to produce the following glare for this receptor:

- 589 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





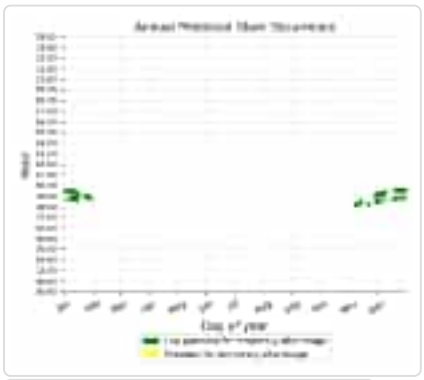


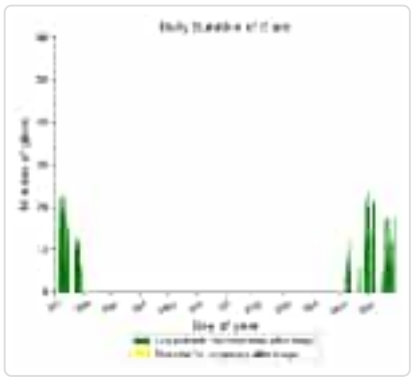


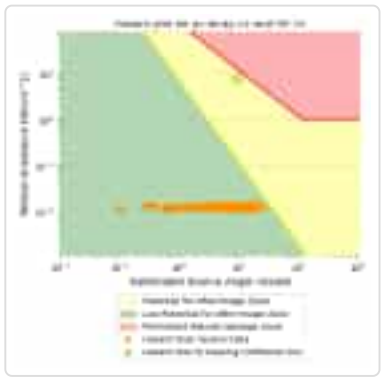
PV array 14: OP 34

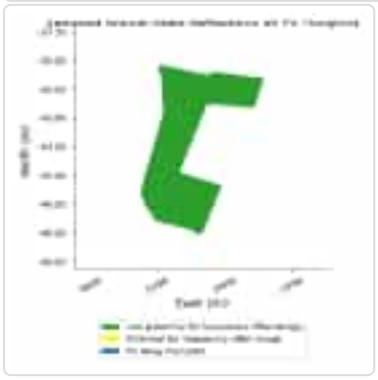
PV array is expected to produce the following glare for this receptor:

- 674 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





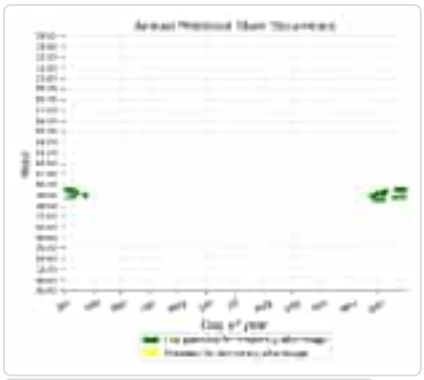


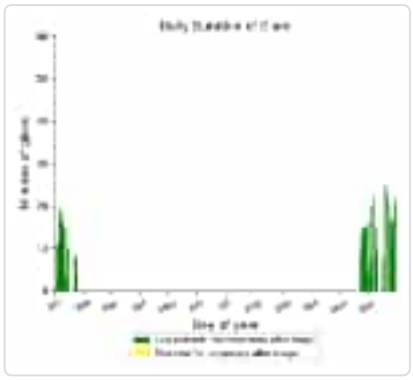


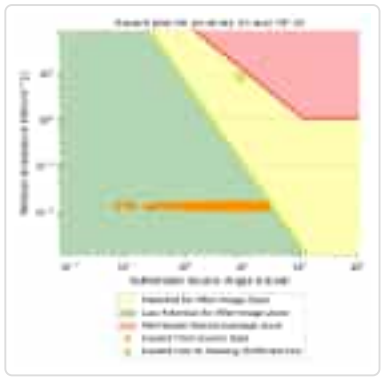
PV array 14: OP 35

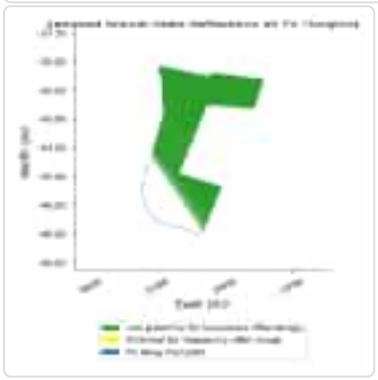
PV array is expected to produce the following glare for this receptor:

- 659 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





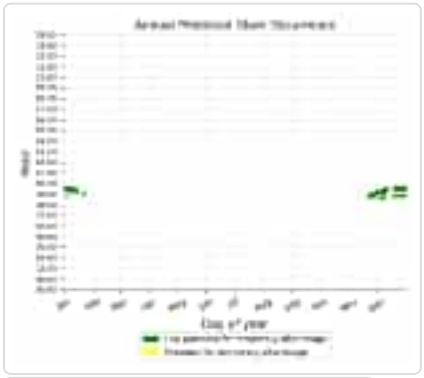


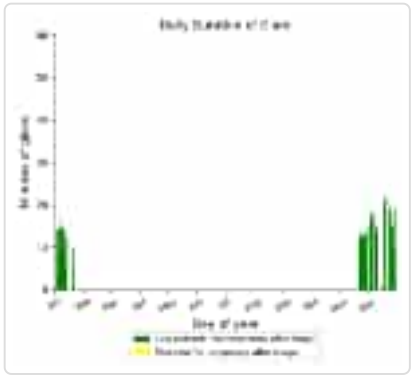


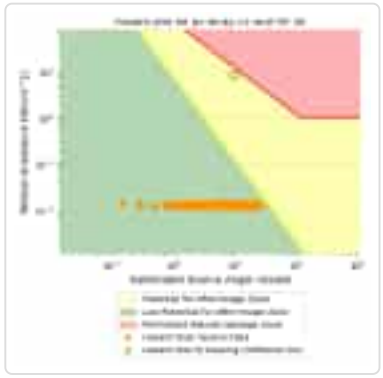
PV array 14: OP 36

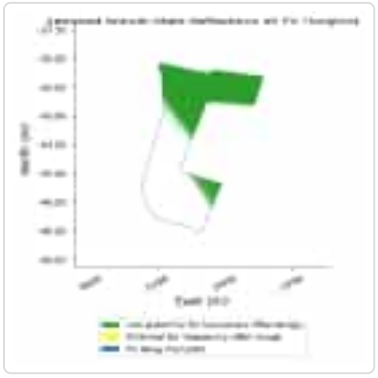
PV array is expected to produce the following glare for this receptor:

- 600 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





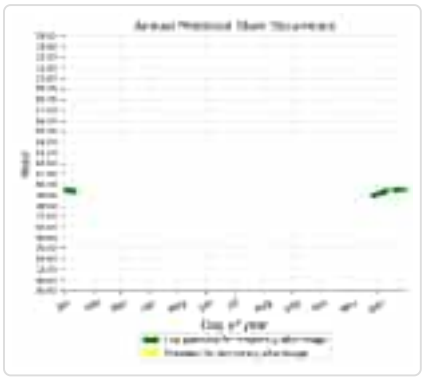


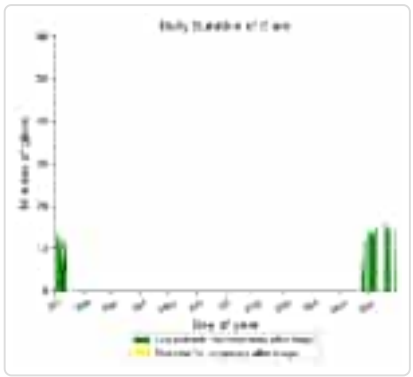


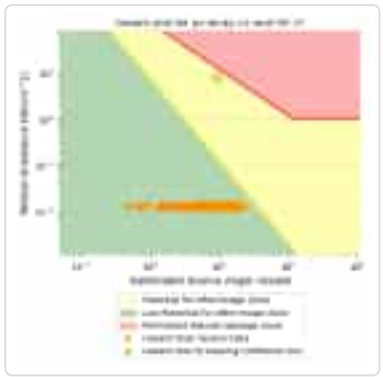
PV array 14: OP 37

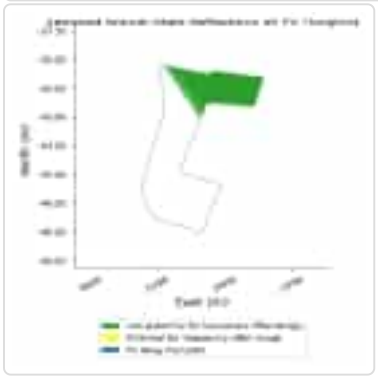
PV array is expected to produce the following glare for this receptor:

- 375 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





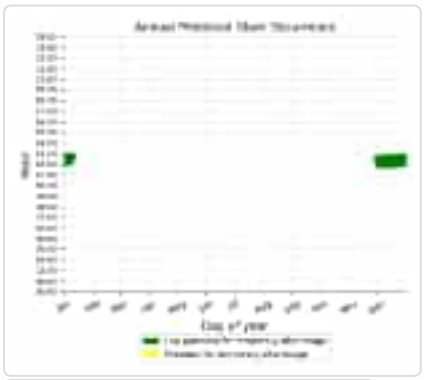


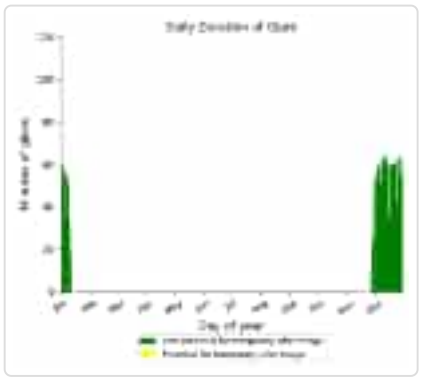


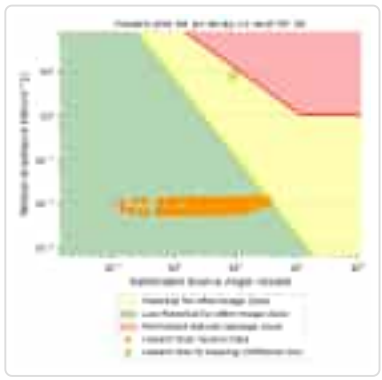
PV array 14: OP 38

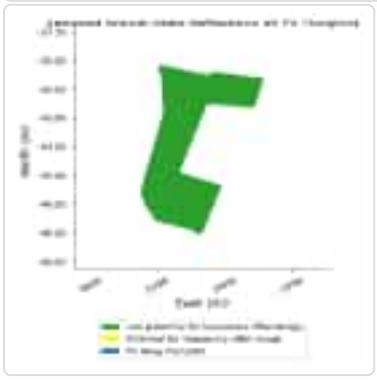
PV array is expected to produce the following glare for this receptor:

- 2,403 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





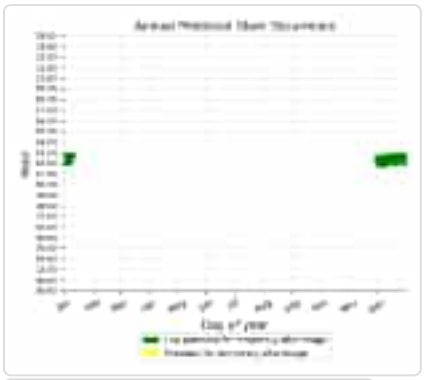


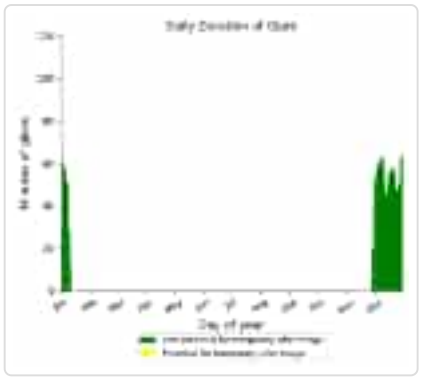


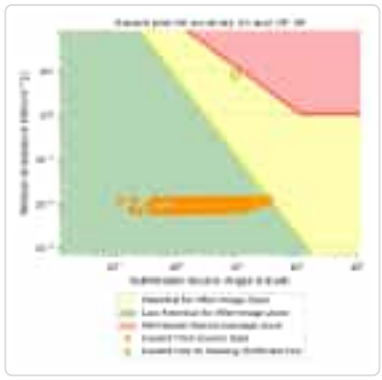
PV array 14: OP 39

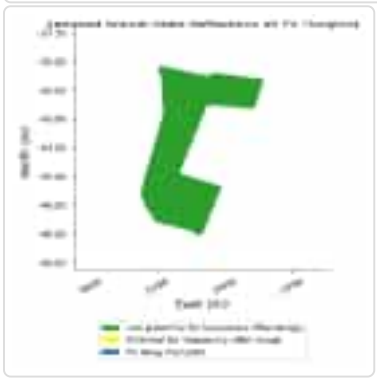
PV array is expected to produce the following glare for this receptor:

- 2,331 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





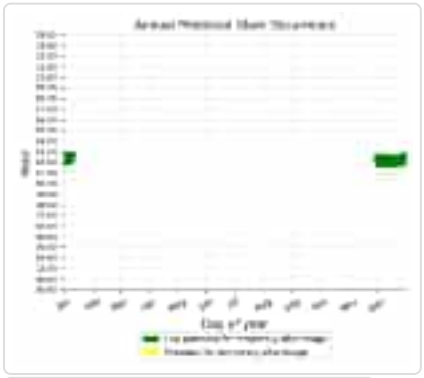


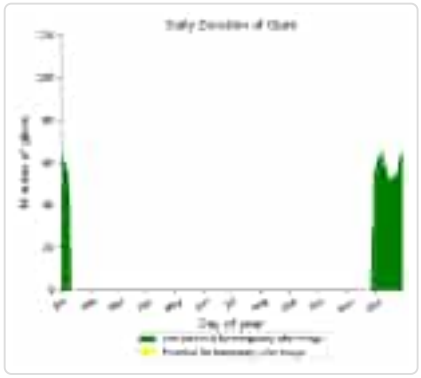


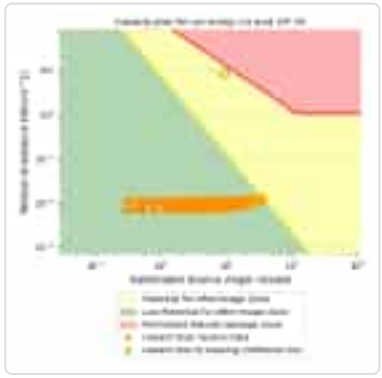
PV array 14: OP 40

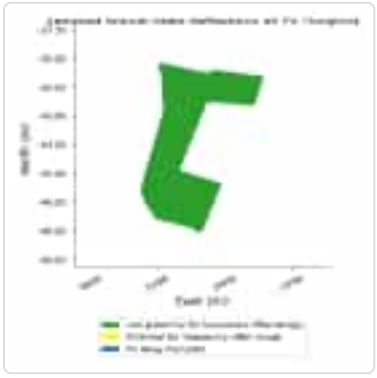
PV array is expected to produce the following glare for this receptor:

- 2,491 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





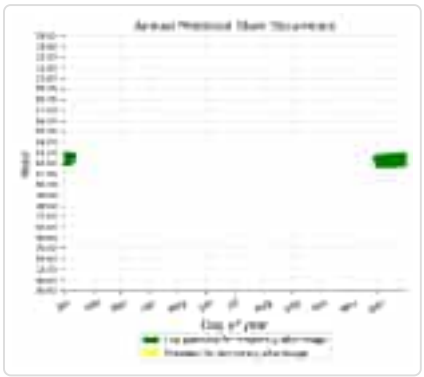


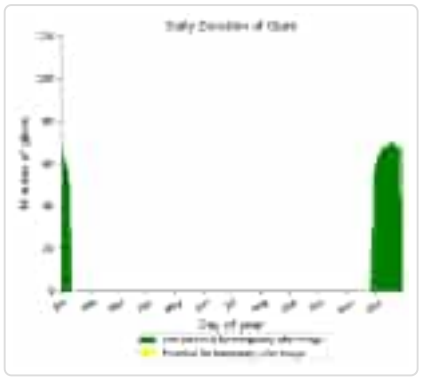


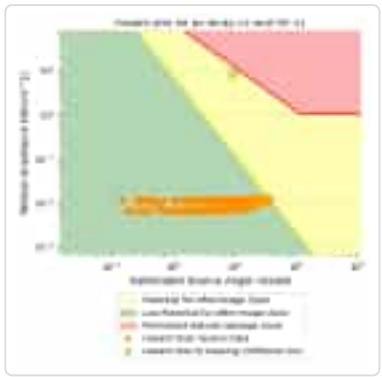
PV array 14: OP 41

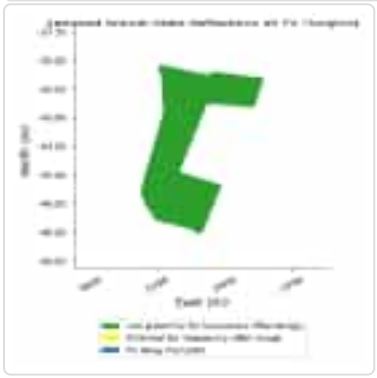
PV array is expected to produce the following glare for this receptor:

- 2,781 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





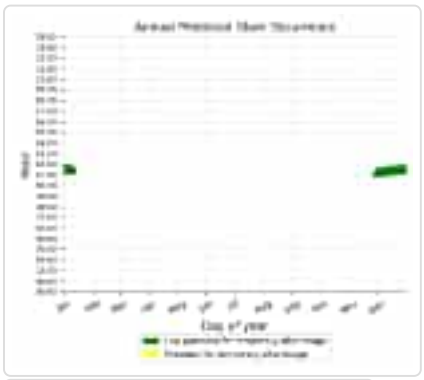


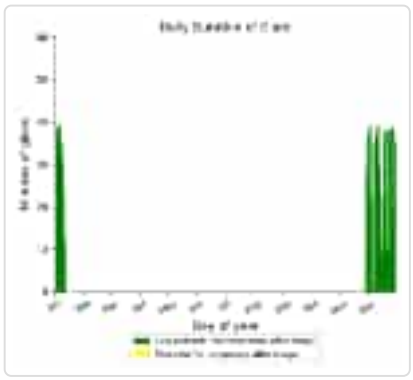


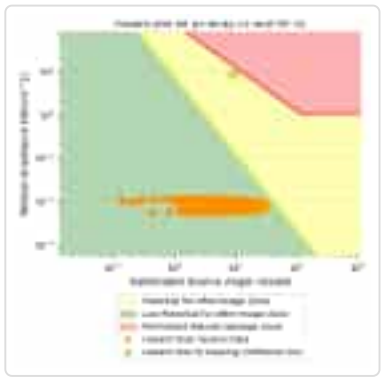
PV array 14: OP 42

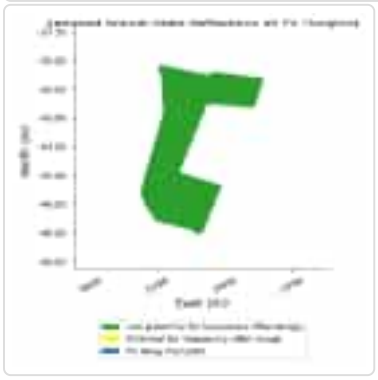
PV array is expected to produce the following glare for this receptor:

- 1,434 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





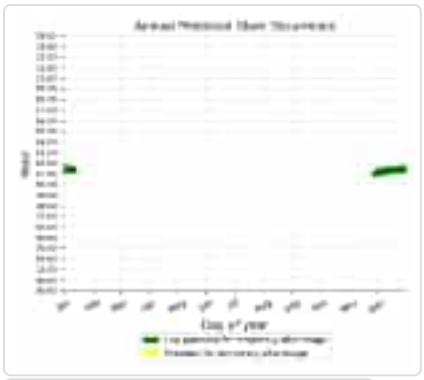


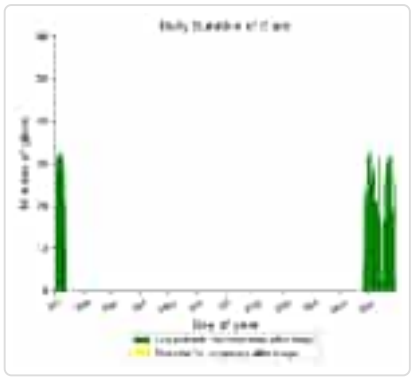


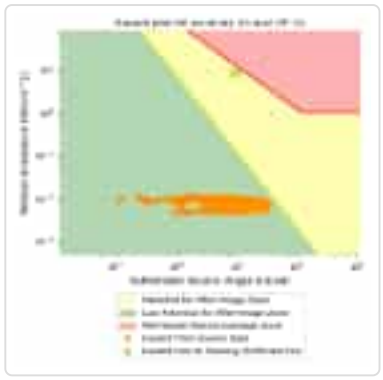
PV array 14: OP 43

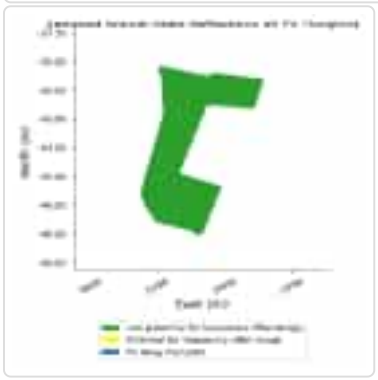
PV array is expected to produce the following glare for this receptor:

- 1,182 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





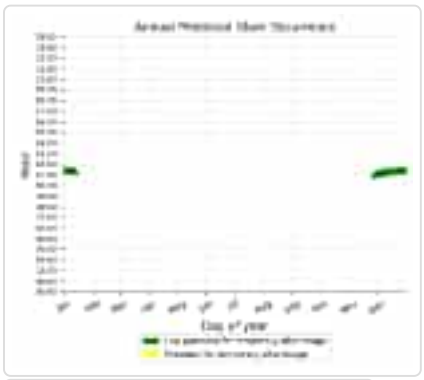


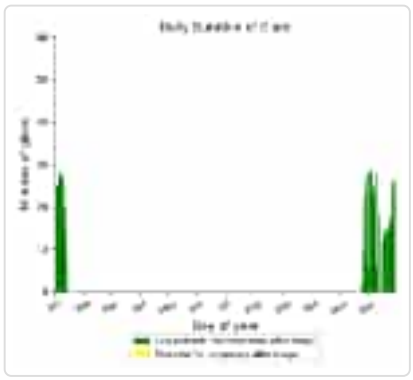


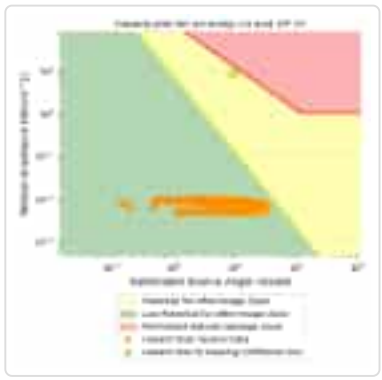
PV array 14: OP 44

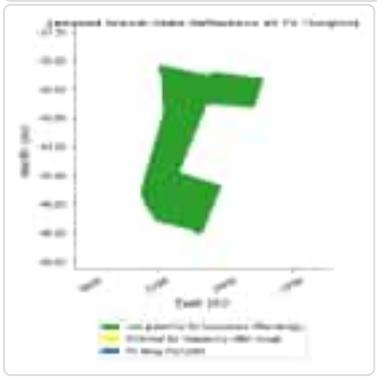
PV array is expected to produce the following glare for this receptor:

- 954 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





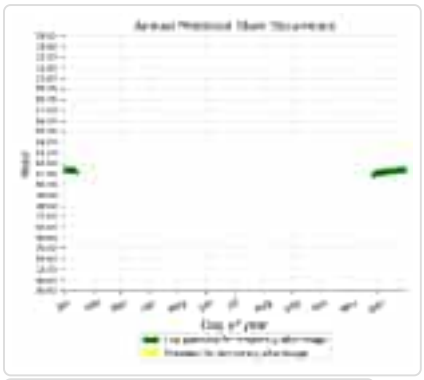


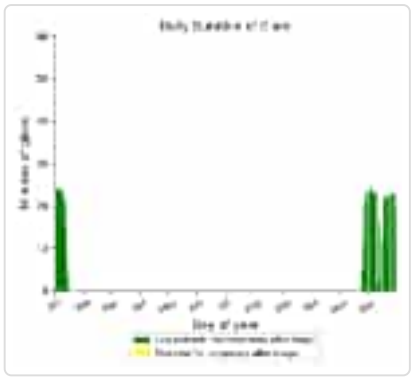


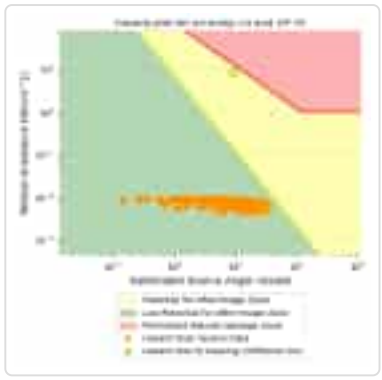
PV array 14: OP 45

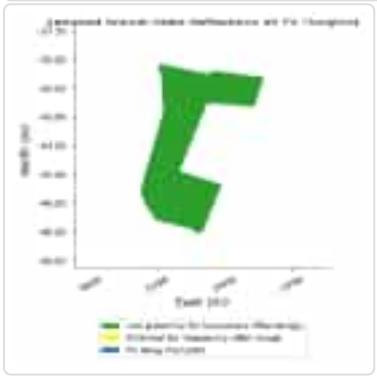
PV array is expected to produce the following glare for this receptor:

- 939 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





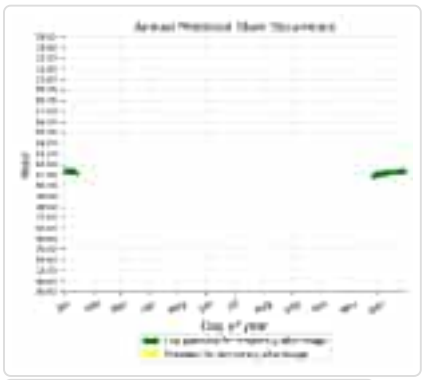


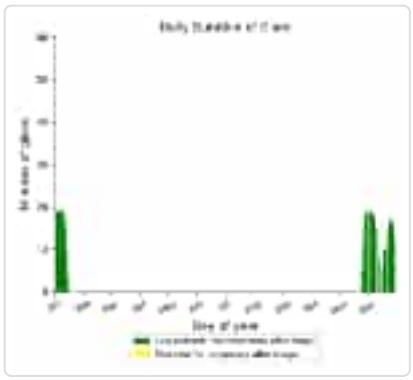


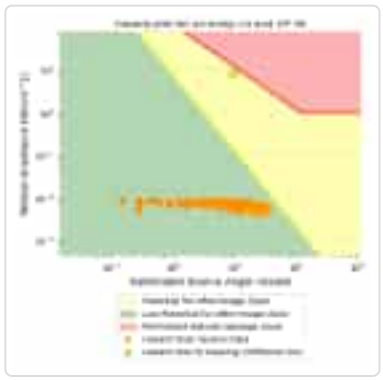
PV array 14: OP 46

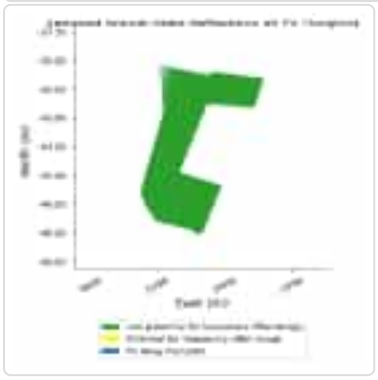
PV array is expected to produce the following glare for this receptor:

- 665 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





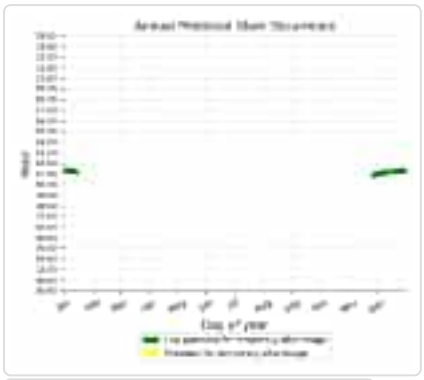


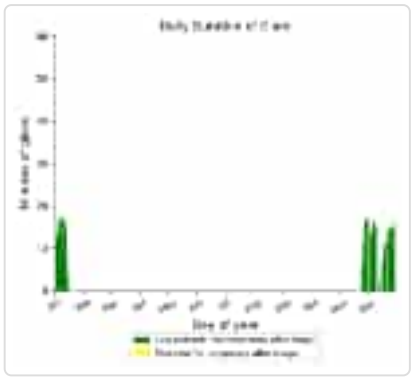


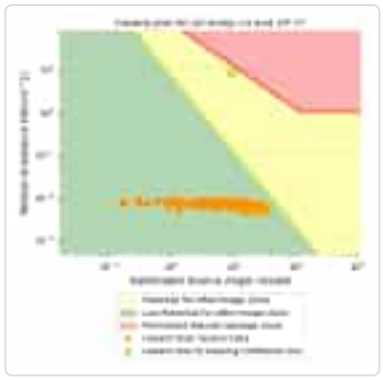
PV array 14: OP 47

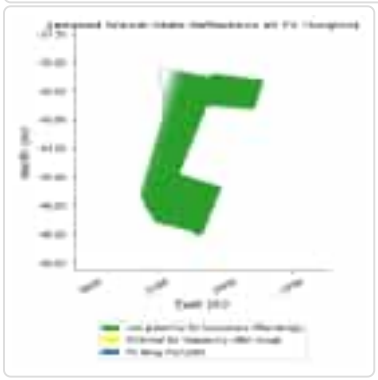
PV array is expected to produce the following glare for this receptor:

- 602 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





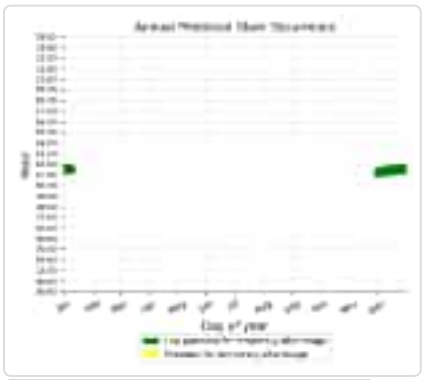


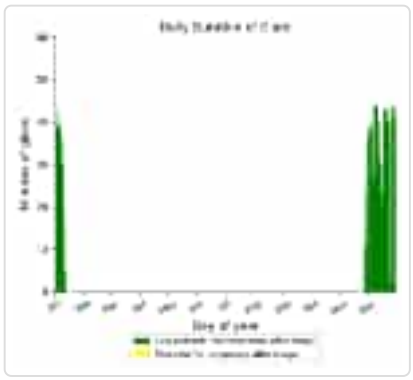


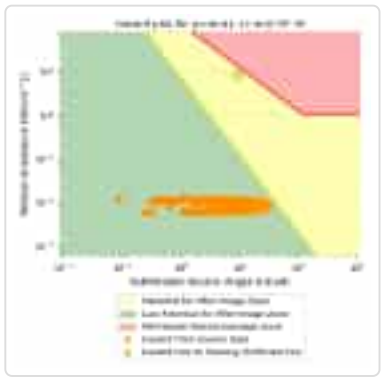
PV array 14: OP 48

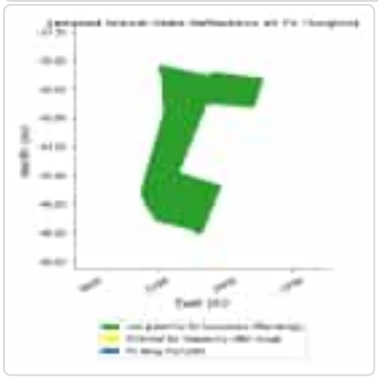
PV array is expected to produce the following glare for this receptor:

- 1,614 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





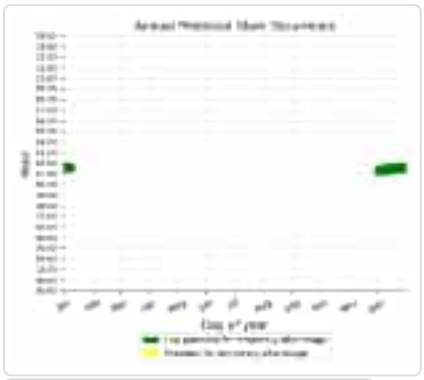


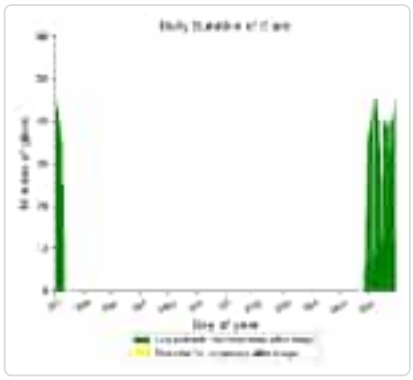


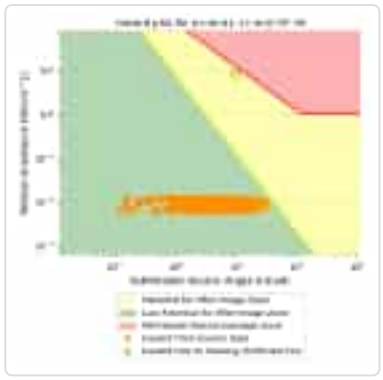
PV array 14: OP 49

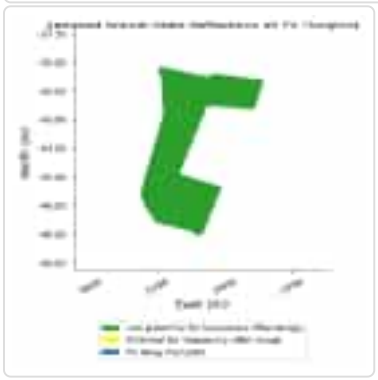
PV array is expected to produce the following glare for this receptor:

- 1,557 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





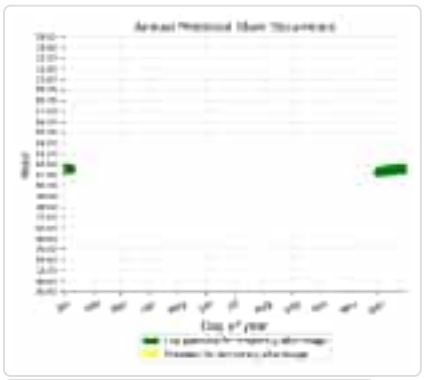


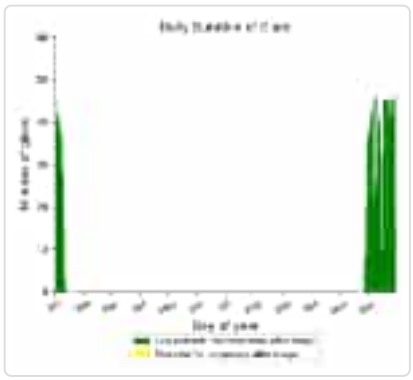


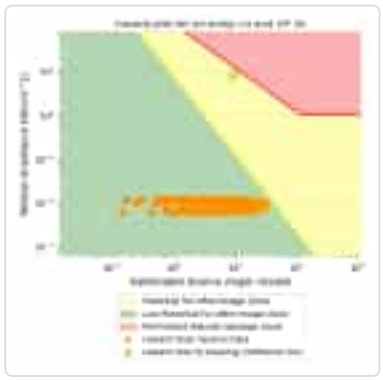
PV array 14: OP 50

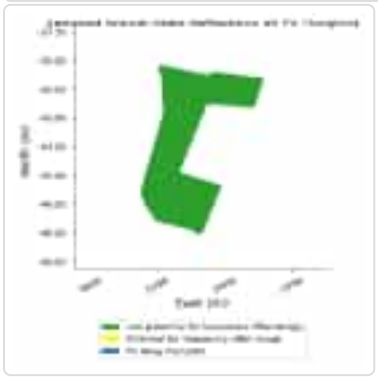
PV array is expected to produce the following glare for this receptor:

- 1,654 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





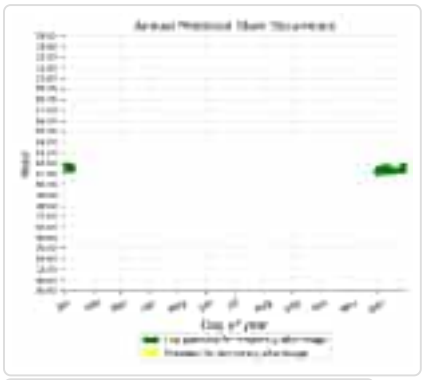


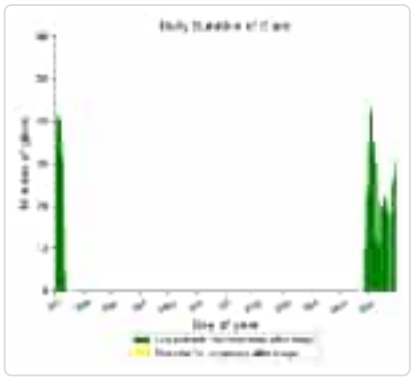


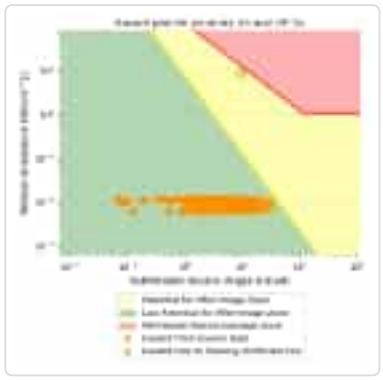
PV array 14: OP 51

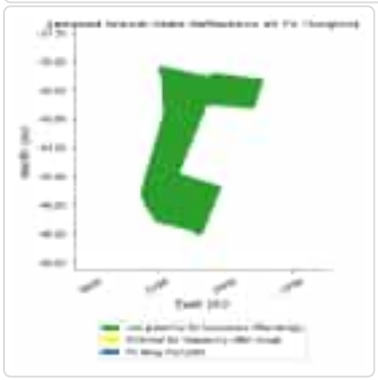
PV array is expected to produce the following glare for this receptor:

- 1,219 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





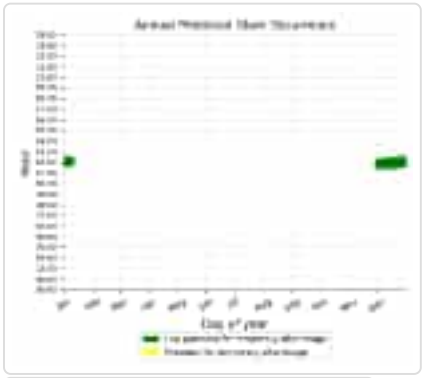


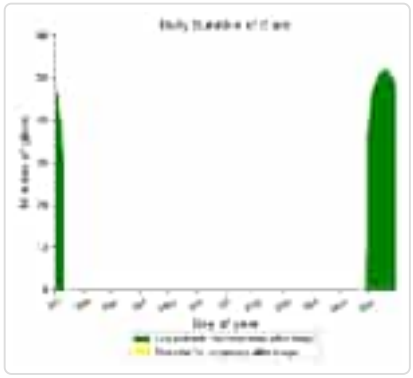


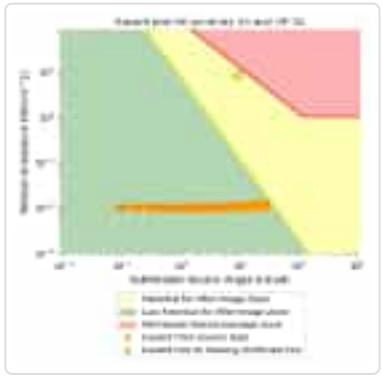
PV array 14: OP 52

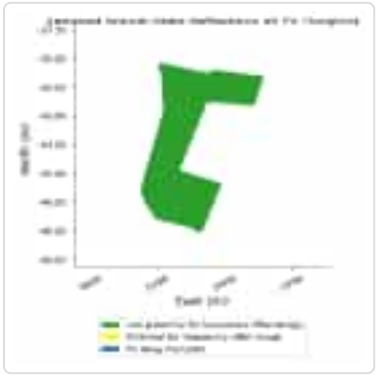
PV array is expected to produce the following glare for this receptor:

- 1,985 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





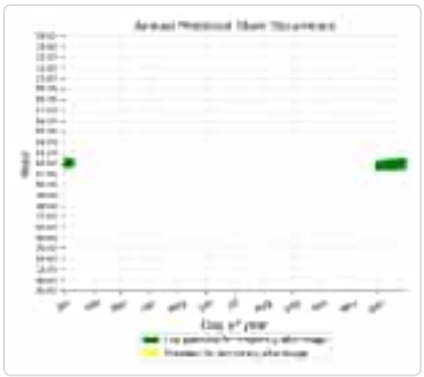


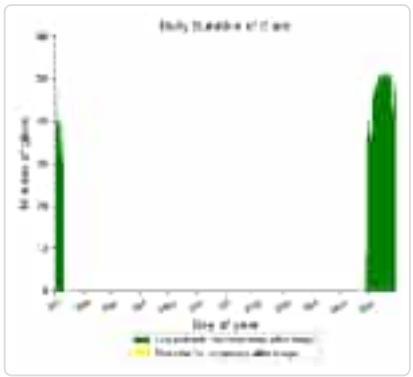


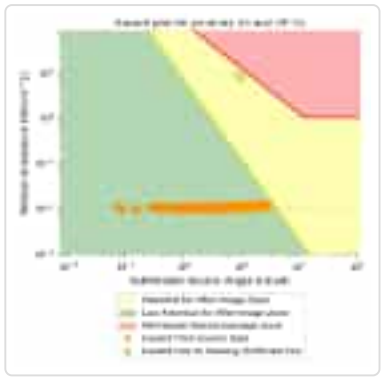
PV array 14: OP 53

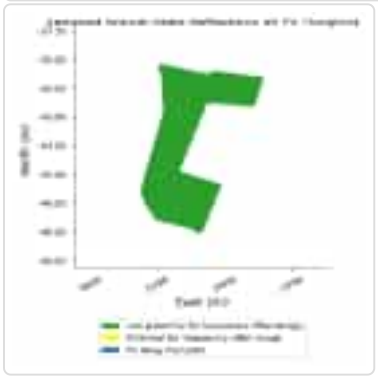
PV array is expected to produce the following glare for this receptor:

- 1,893 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





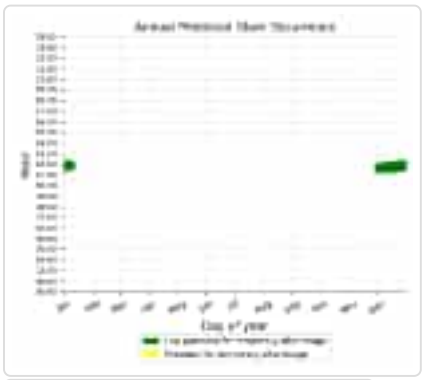


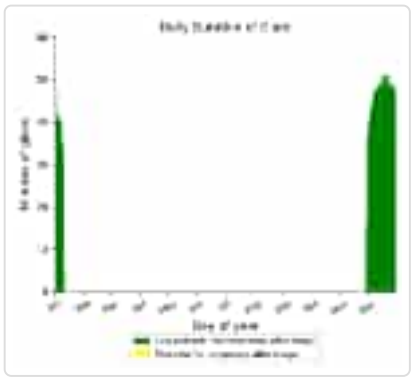


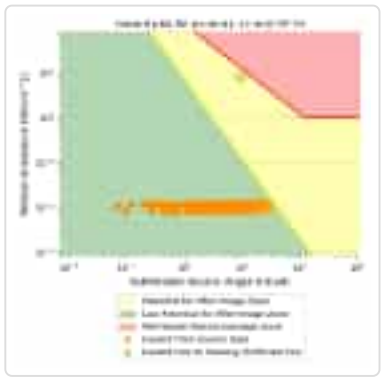
PV array 14: OP 54

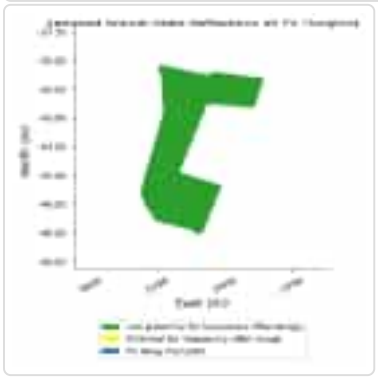
PV array is expected to produce the following glare for this receptor:

- 1,924 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





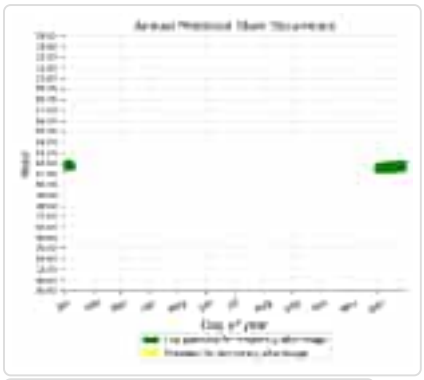


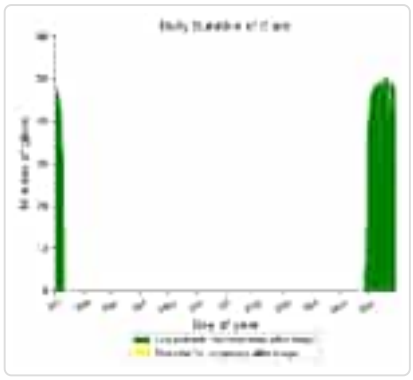


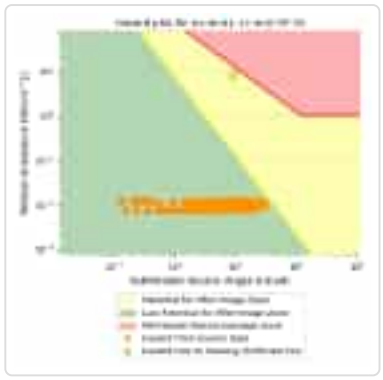
PV array 14: OP 55

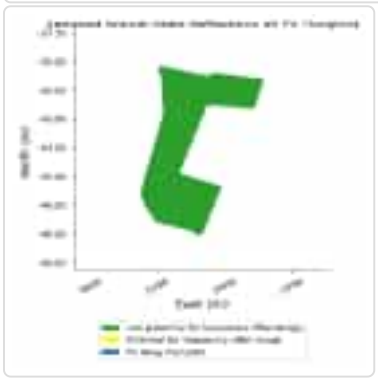
PV array is expected to produce the following glare for this receptor:

- 1,953 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





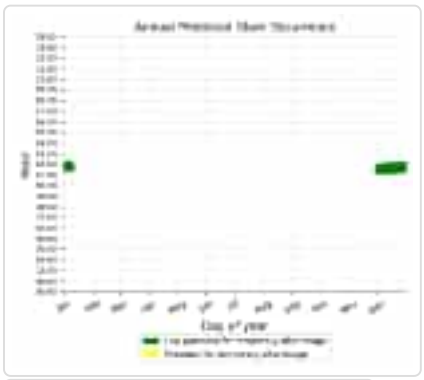


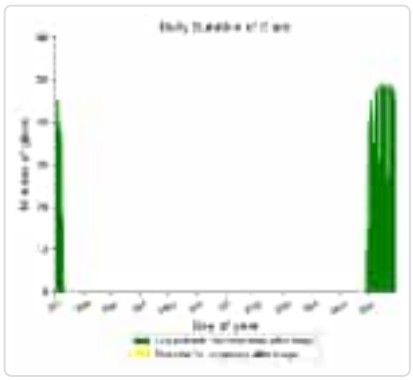


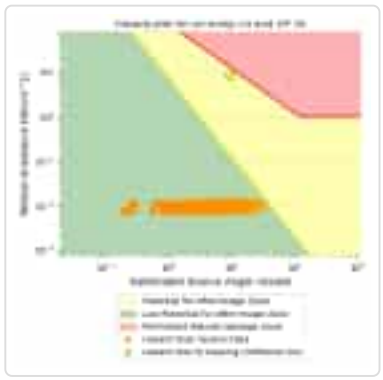
PV array 14: OP 56

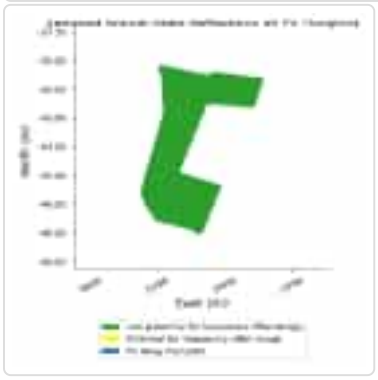
PV array is expected to produce the following glare for this receptor:

- 1,795 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





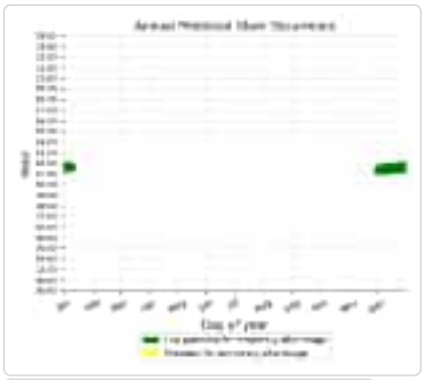


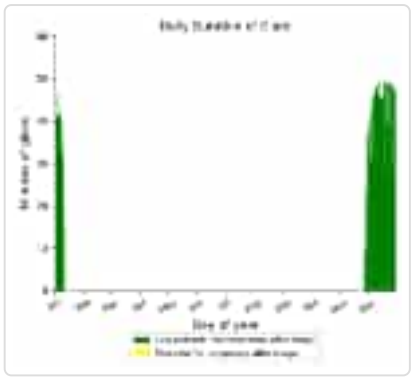


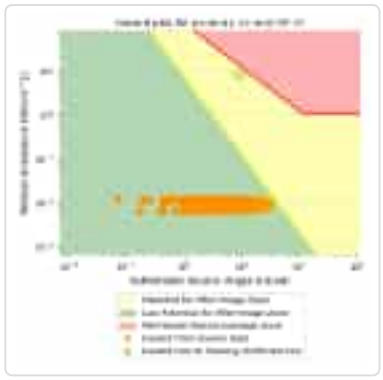
PV array 14: OP 57

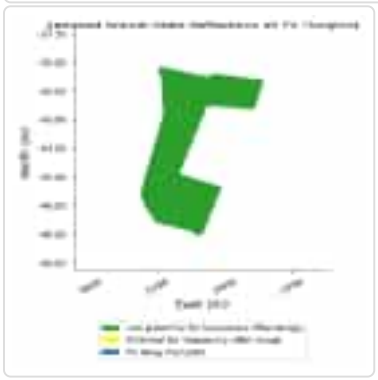
PV array is expected to produce the following glare for this receptor:

- 1,851 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





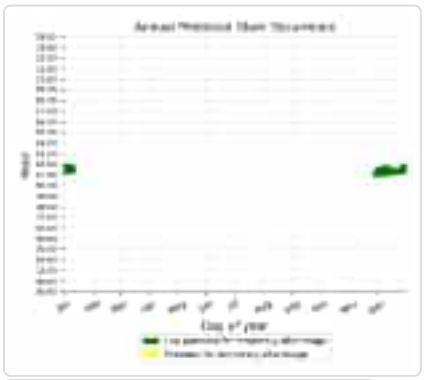


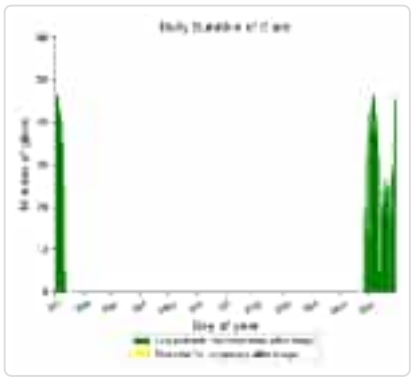


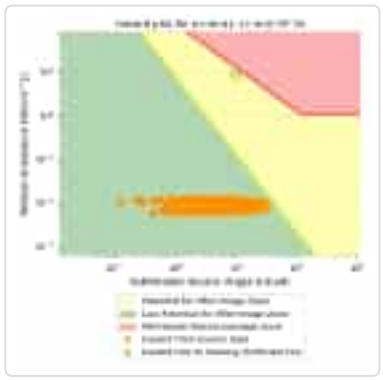
PV array 14: OP 58

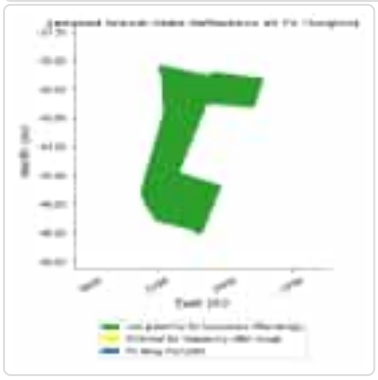
PV array is expected to produce the following glare for this receptor:

- 1,514 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





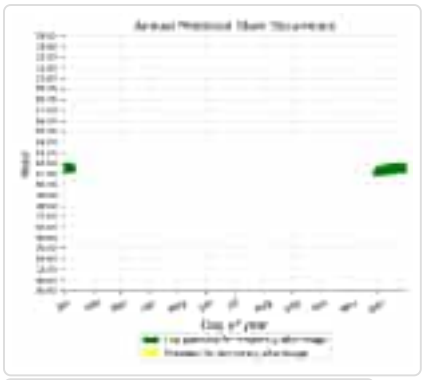


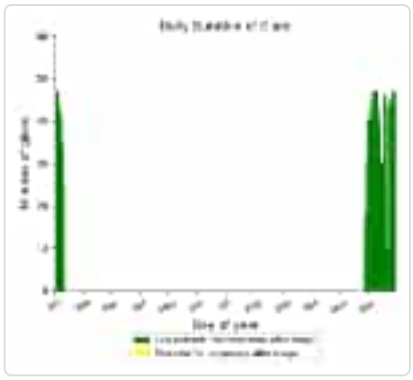


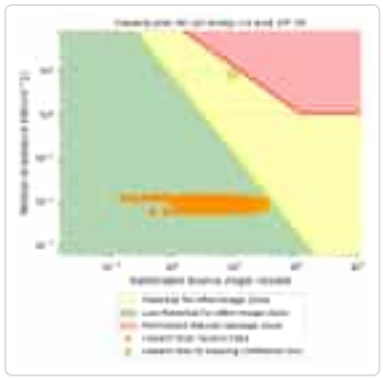
PV array 14: OP 59

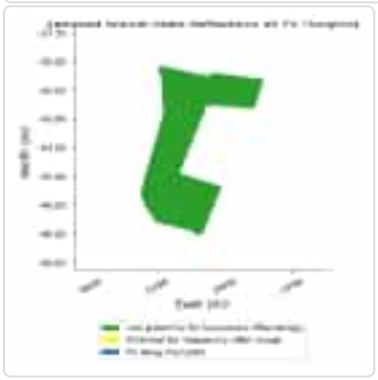
PV array is expected to produce the following glare for this receptor:

- 1,792 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





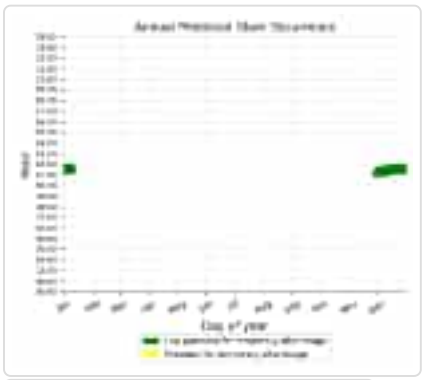


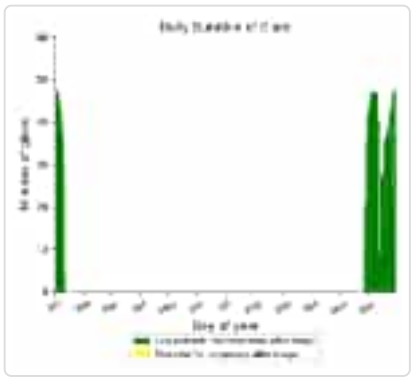


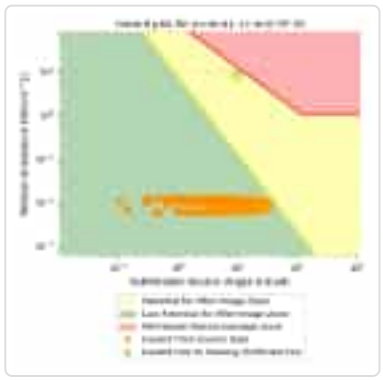
PV array 14: OP 60

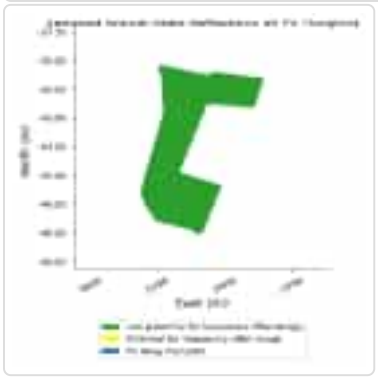
PV array is expected to produce the following glare for this receptor:

- 1,770 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





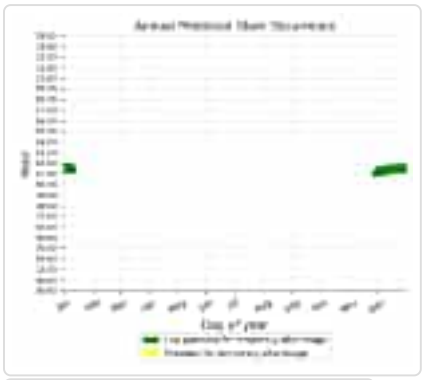


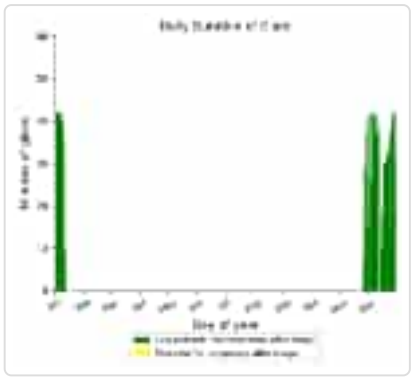


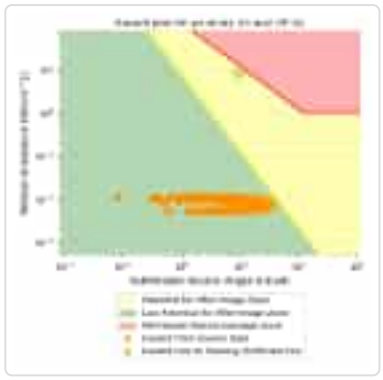
PV array 14: OP 61

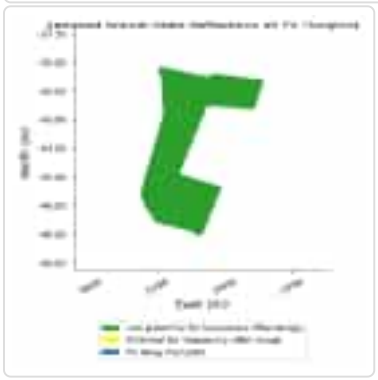
PV array is expected to produce the following glare for this receptor:

- 1,596 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





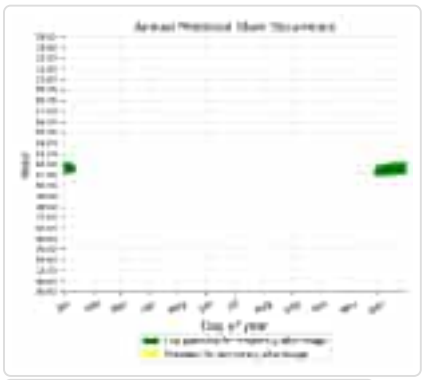


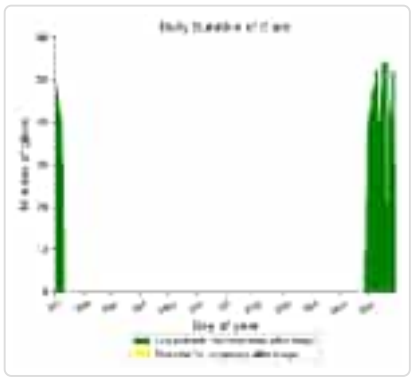


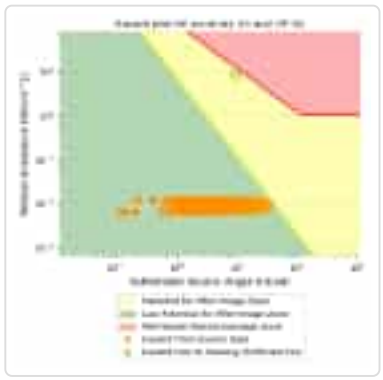
PV array 14: OP 62

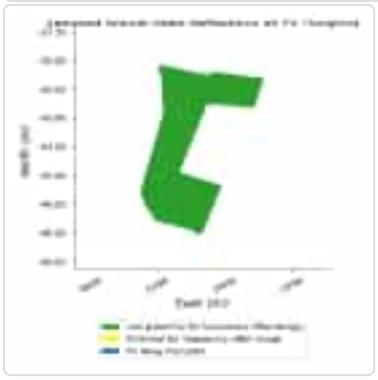
PV array is expected to produce the following glare for this receptor:

- 1,913 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





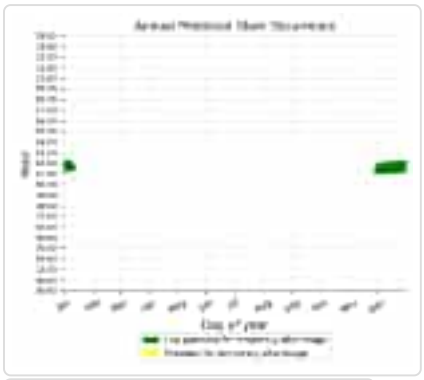


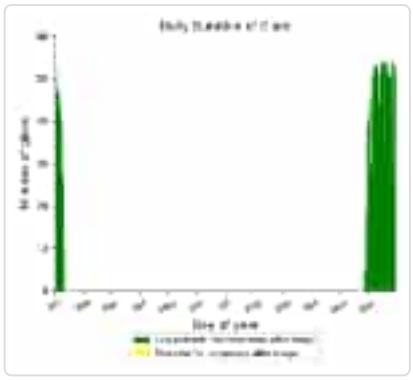


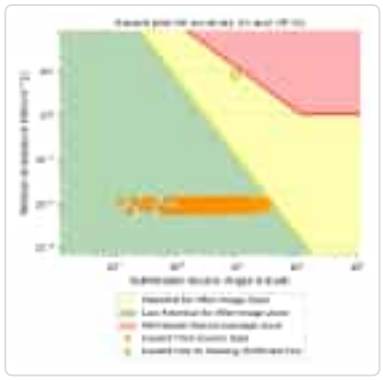
PV array 14: OP 63

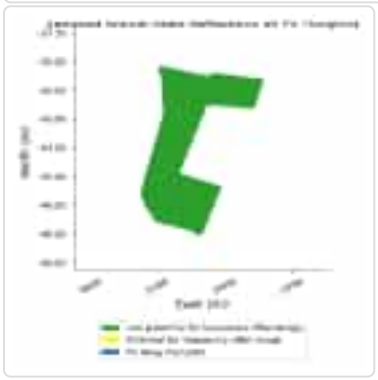
PV array is expected to produce the following glare for this receptor:

- 2,028 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





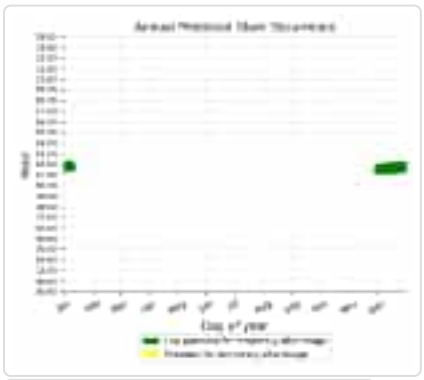


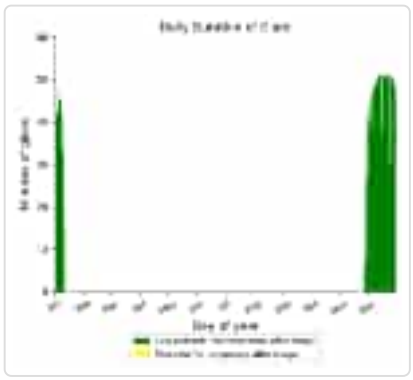


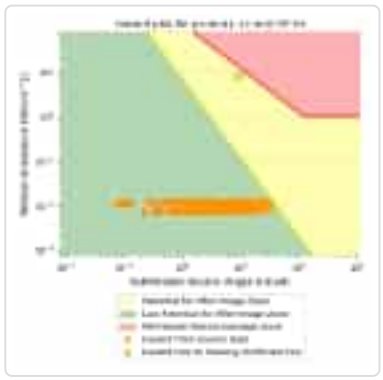
PV array 14: OP 64

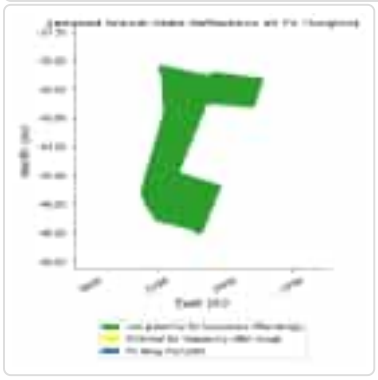
PV array is expected to produce the following glare for this receptor:

- 1,973 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





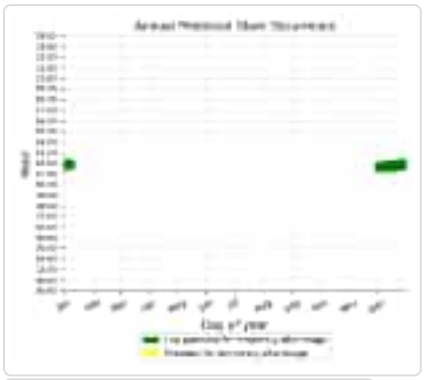


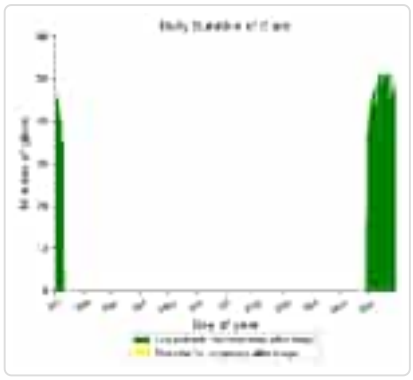


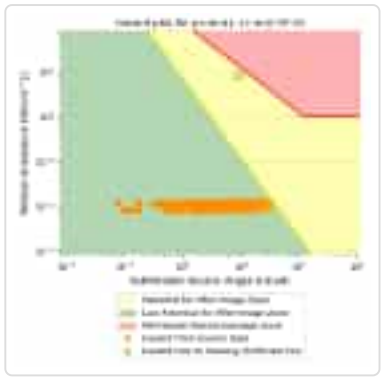
PV array 14: OP 65

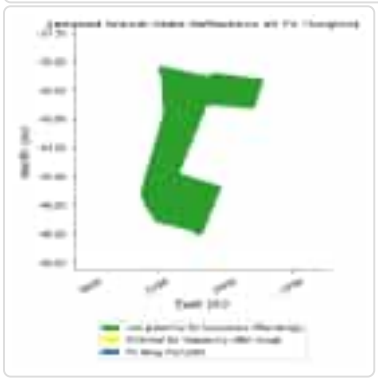
PV array is expected to produce the following glare for this receptor:

- 1,959 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





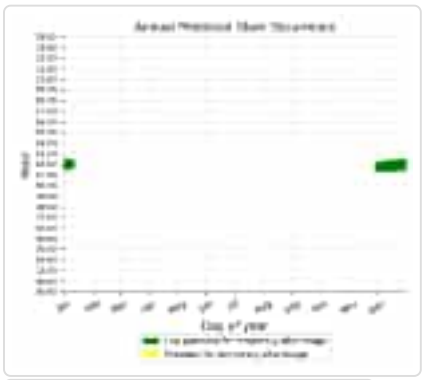


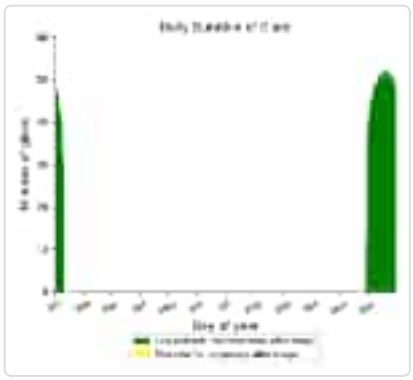


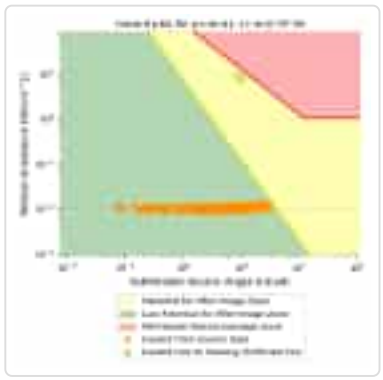
PV array 14: OP 66

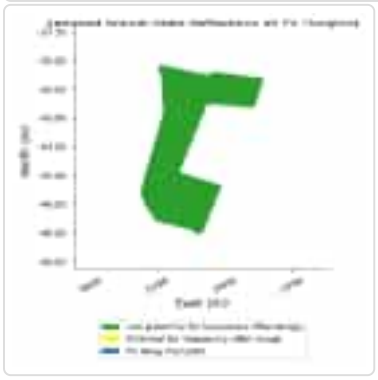
PV array is expected to produce the following glare for this receptor:

- 1,993 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





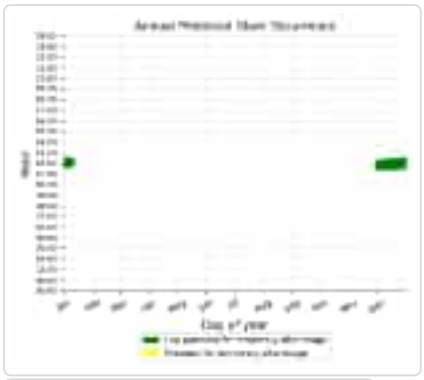


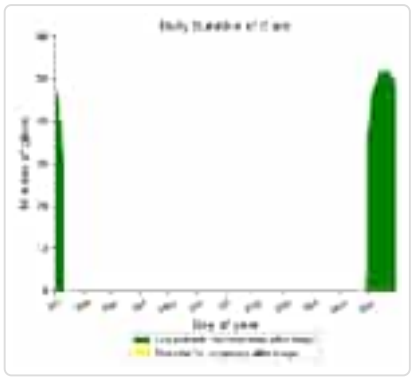


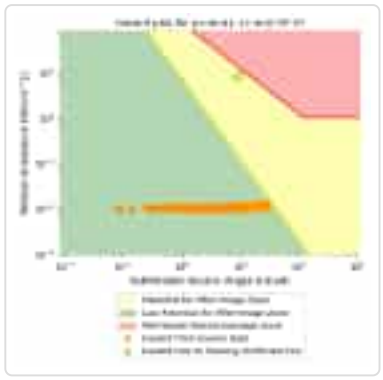
PV array 14: OP 67

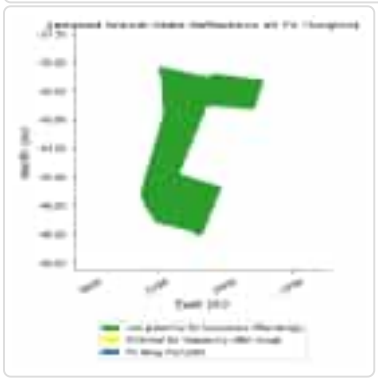
PV array is expected to produce the following glare for this receptor:

- 1,987 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





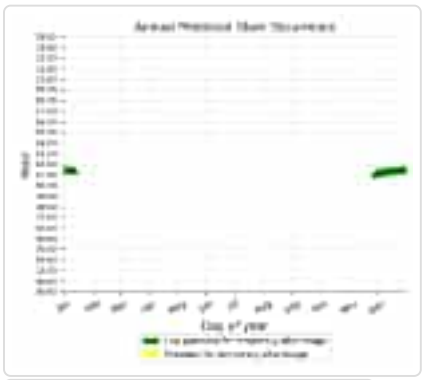


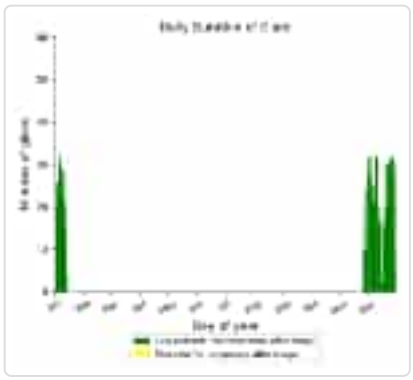


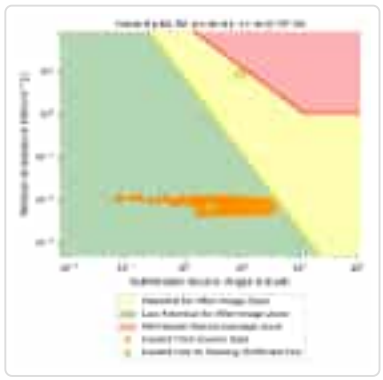
PV array 14: OP 68

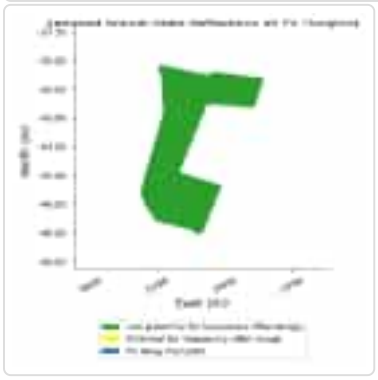
PV array is expected to produce the following glare for this receptor:

- 1,151 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





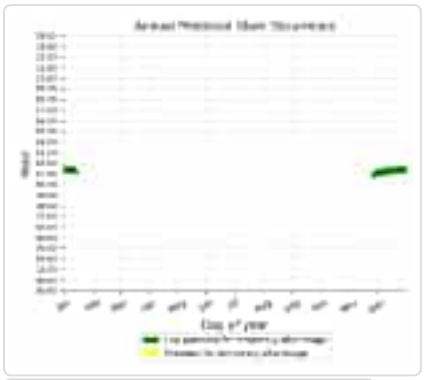


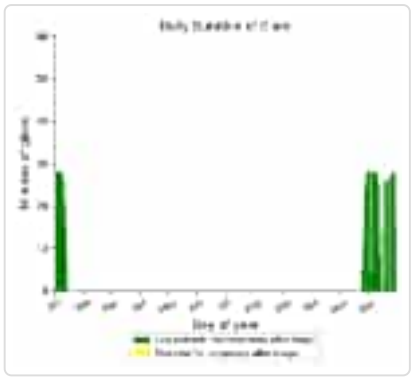


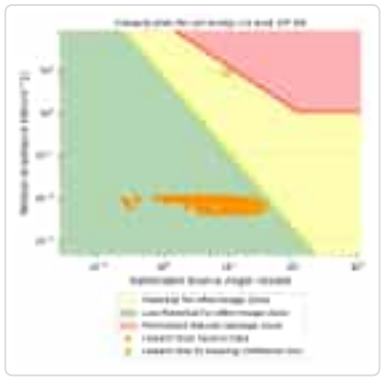
PV array 14: OP 69

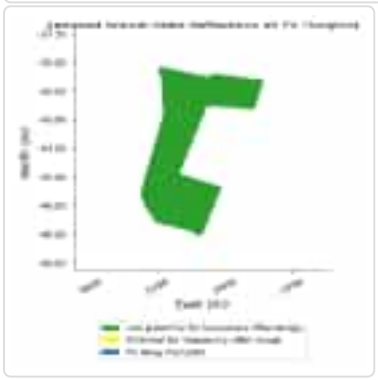
PV array is expected to produce the following glare for this receptor:

- 1,067 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





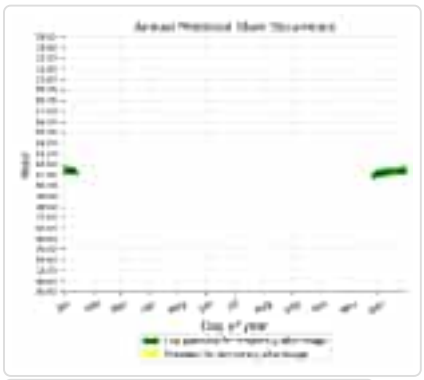


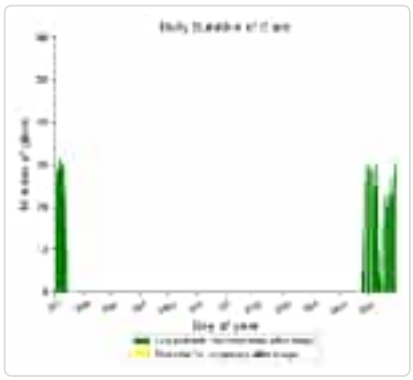


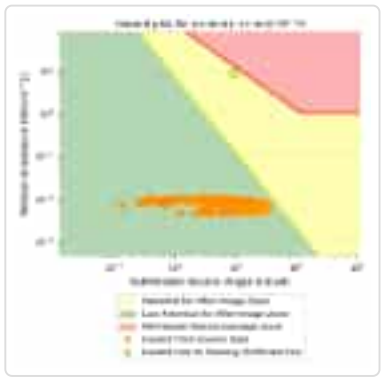
PV array 14: OP 70

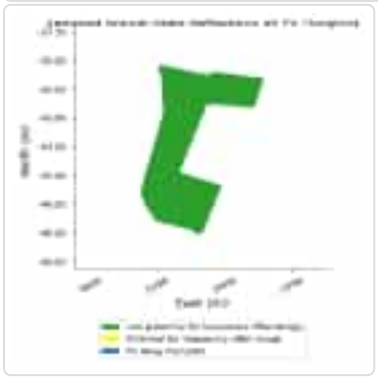
PV array is expected to produce the following glare for this receptor:

- 1,106 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





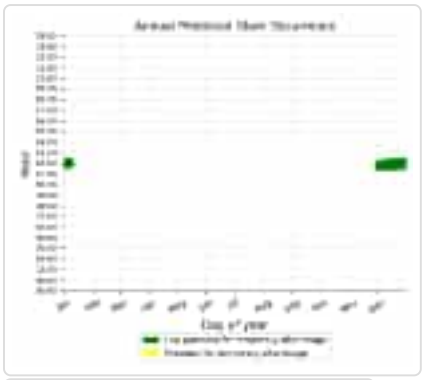


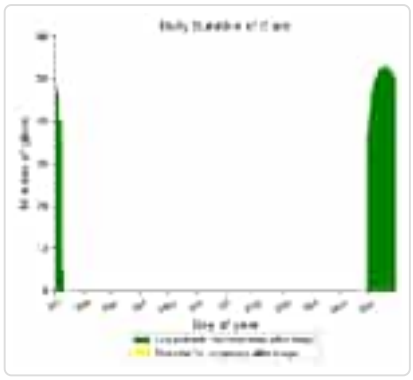


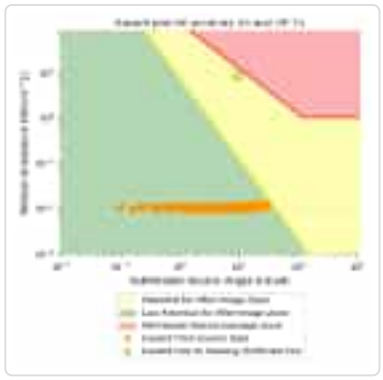
PV array 14: OP 71

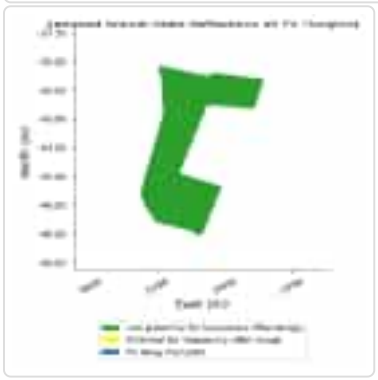
PV array is expected to produce the following glare for this receptor:

- 1,980 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





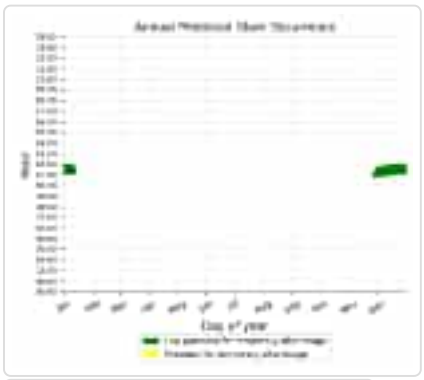


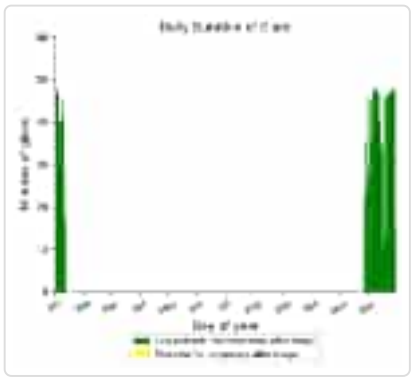


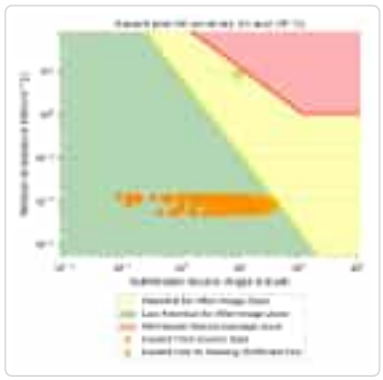
PV array 14: OP 72

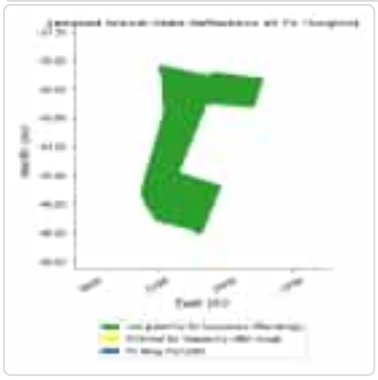
PV array is expected to produce the following glare for this receptor:

- 1,821 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





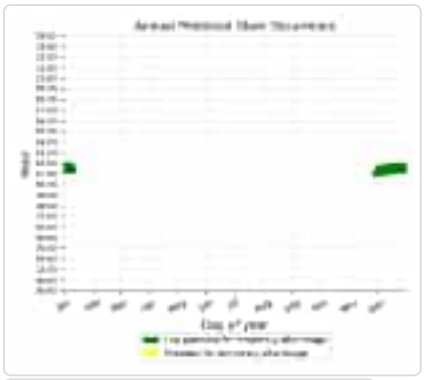


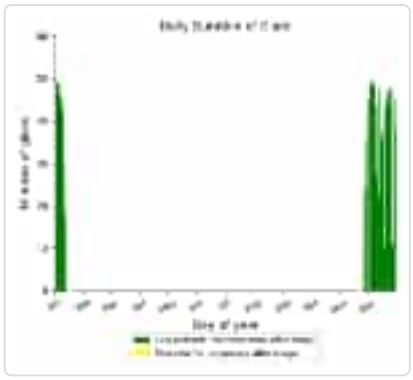


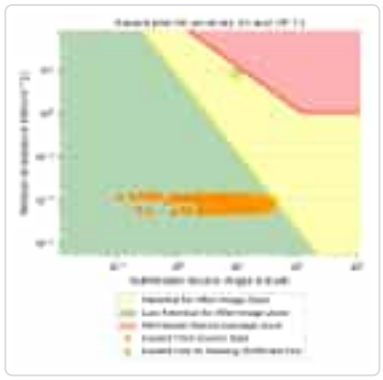
PV array 14: OP 73

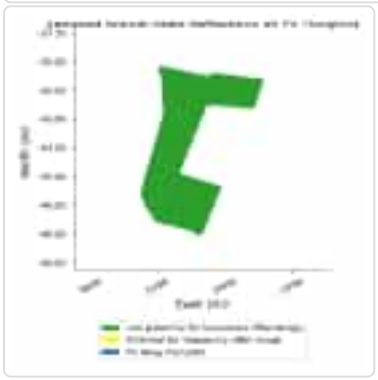
PV array is expected to produce the following glare for this receptor:

- 1,862 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





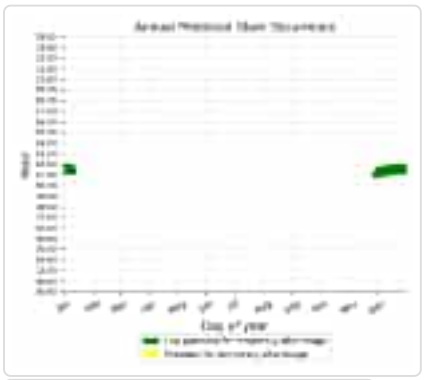


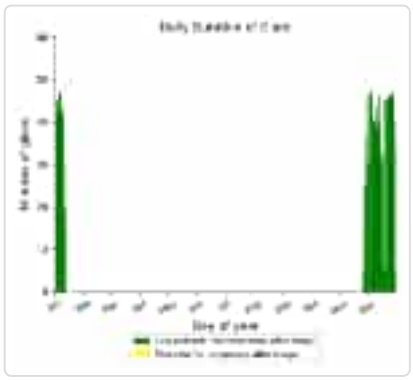


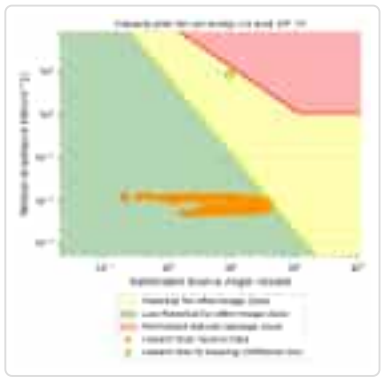
PV array 14: OP 74

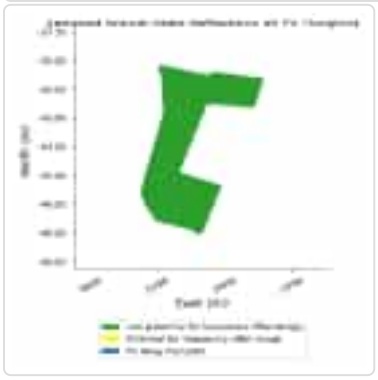
PV array is expected to produce the following glare for this receptor:

- 1,783 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





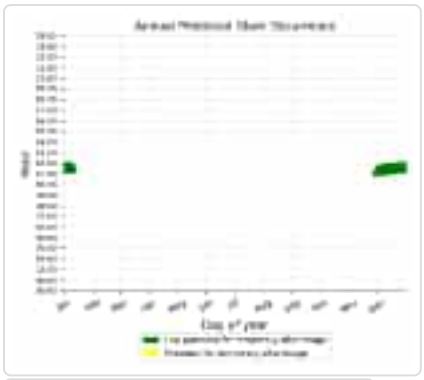


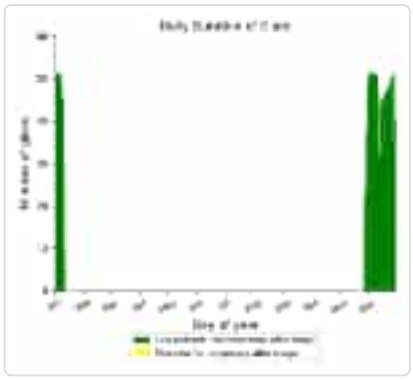


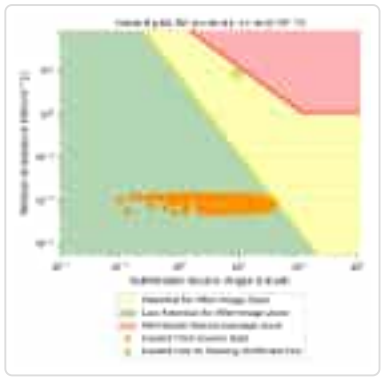
PV array 14: OP 75

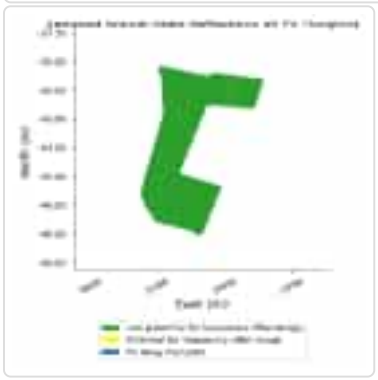
PV array is expected to produce the following glare for this receptor:

- 2,099 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





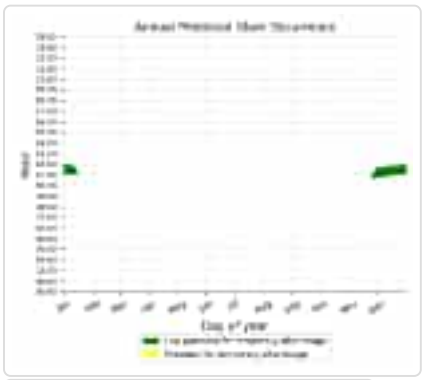


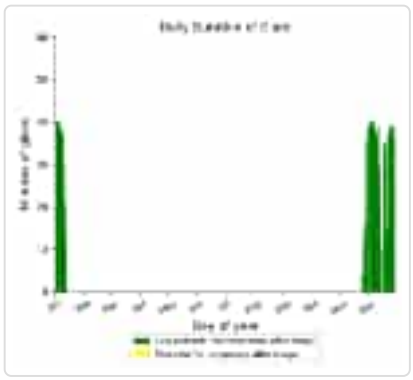


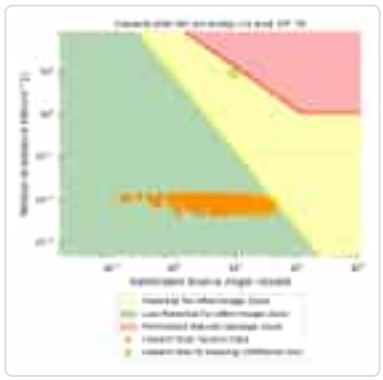
PV array 14: OP 76

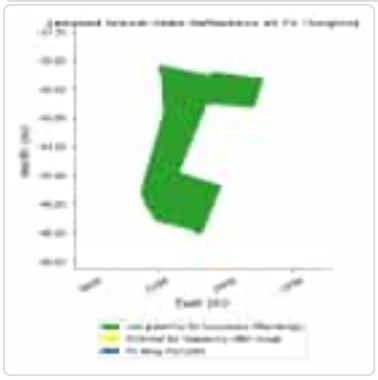
PV array is expected to produce the following glare for this receptor:

- 1,522 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





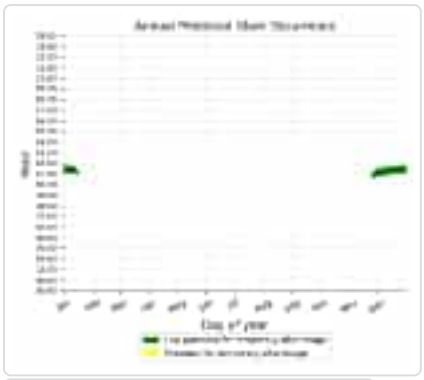


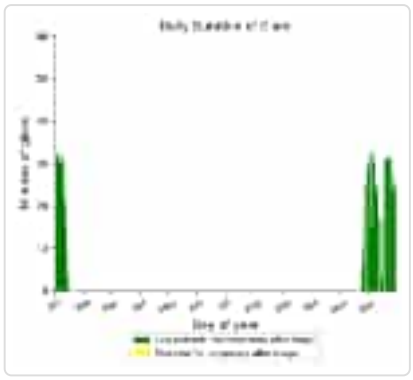


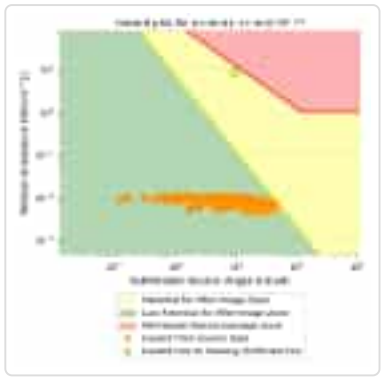
PV array 14: OP 77

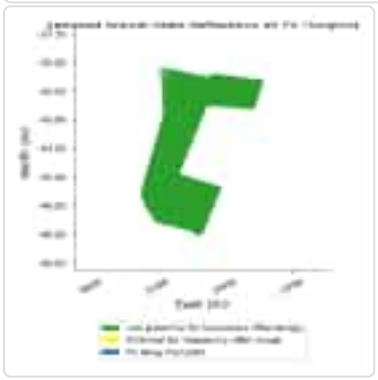
PV array is expected to produce the following glare for this receptor:

- 1,186 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





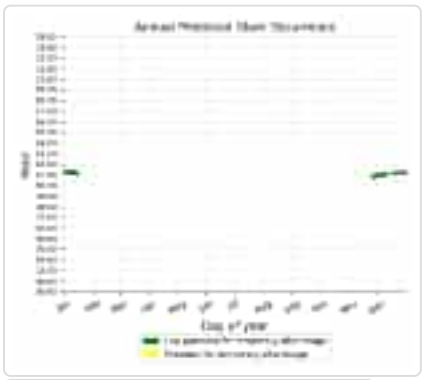


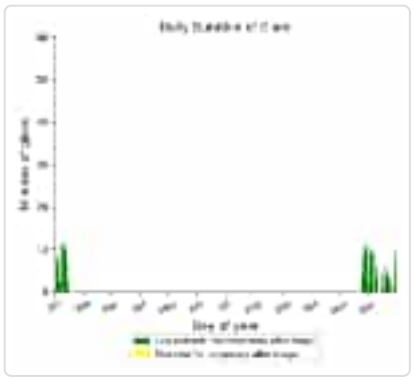


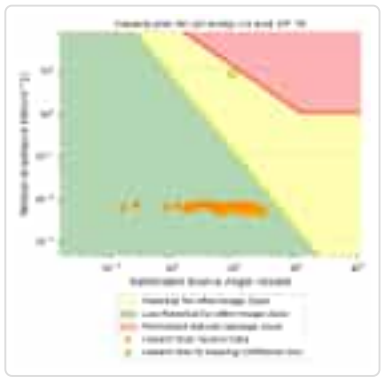
PV array 14: OP 78

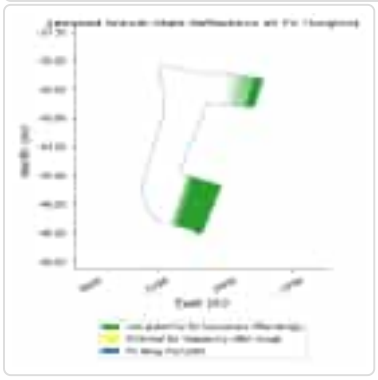
PV array is expected to produce the following glare for this receptor:

- 282 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





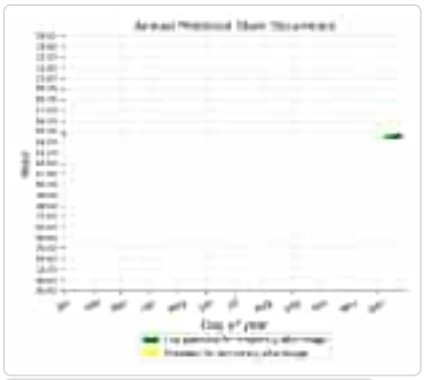


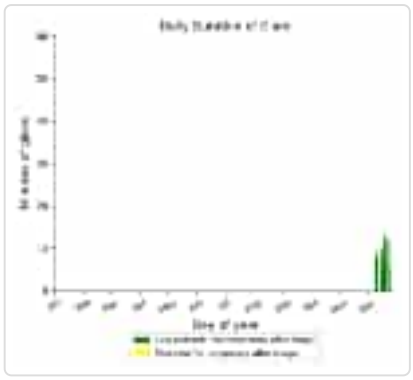


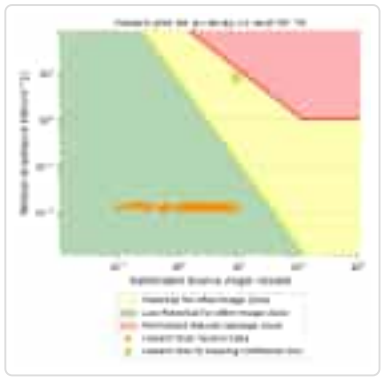
PV array 14: OP 79

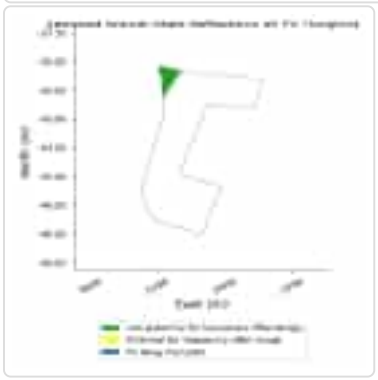
PV array is expected to produce the following glare for this receptor:

- 131 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





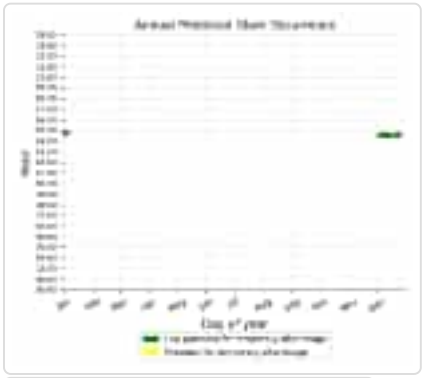


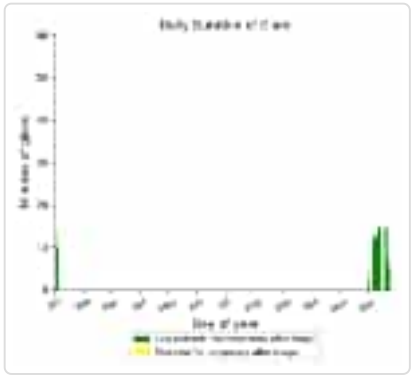


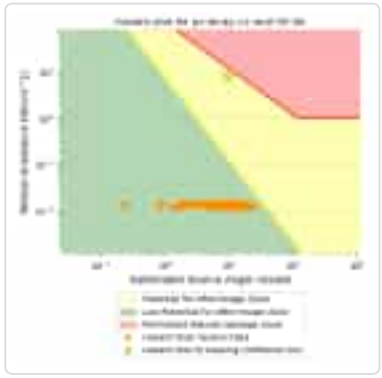
PV array 14: OP 80

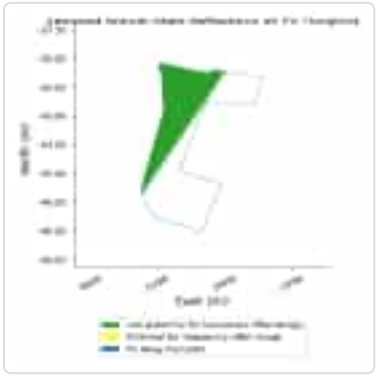
PV array is expected to produce the following glare for this receptor:

- 220 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	97	0
OP: OP 9	77	0
OP: OP 10	90	0
OP: OP 11	62	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	17	0
OP: OP 19	0	0
OP: OP 20	152	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0

OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	173	0
OP: OP 31	190	0
OP: OP 32	143	0
OP: OP 33	134	0
OP: OP 34	134	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

OP: OP 80	0	0

PV array 15: OP 1

No glare found

PV array 15: OP 2

No glare found

PV array 15: OP 3

No glare found

PV array 15: OP 4

No glare found

PV array 15: OP 5

No glare found

PV array 15: OP 6

No glare found

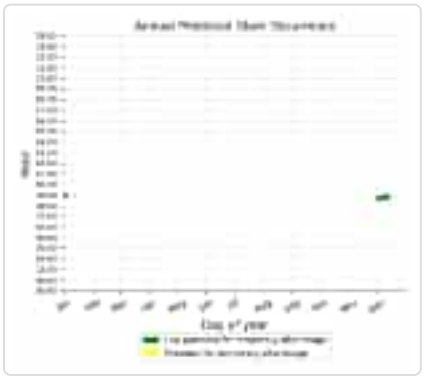
PV array 15: OP 7

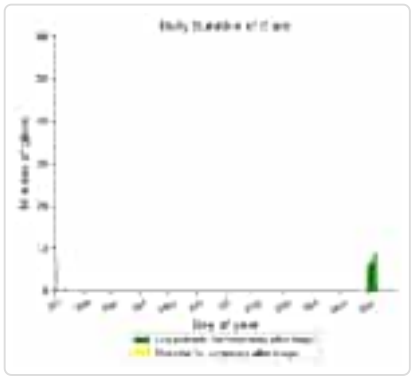
No glare found

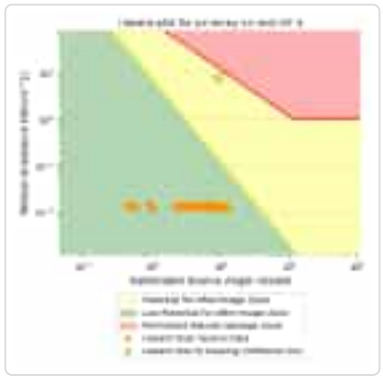
PV array 15: OP 8

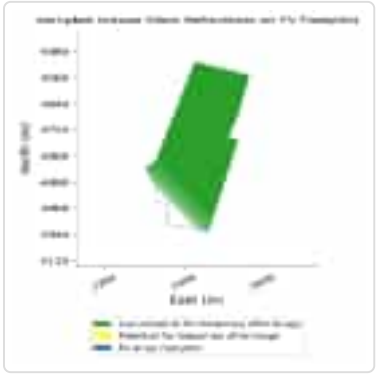
PV array is expected to produce the following glare for this receptor:

- 97 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





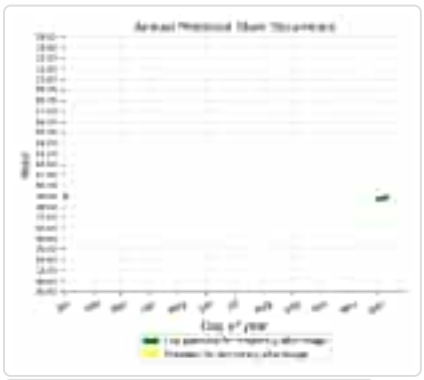


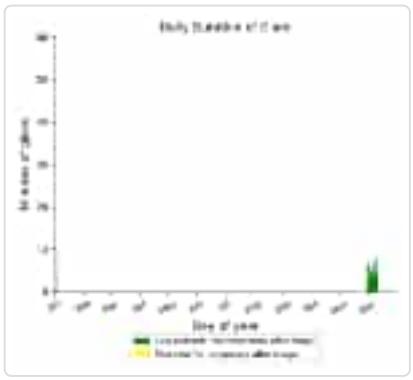


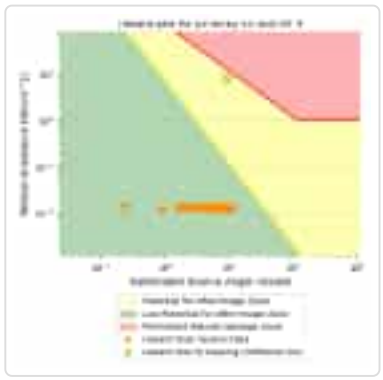
PV array 15: OP 9

PV array is expected to produce the following glare for this receptor:

- 77 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



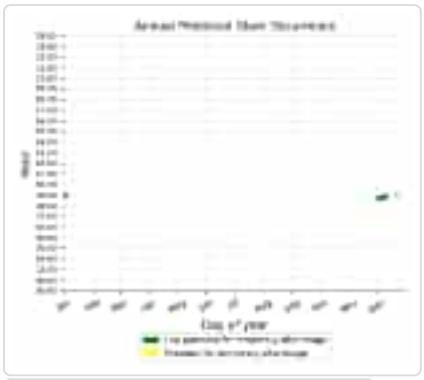


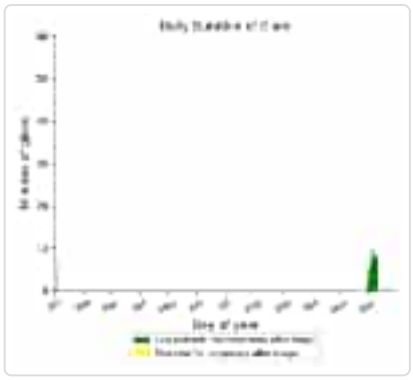


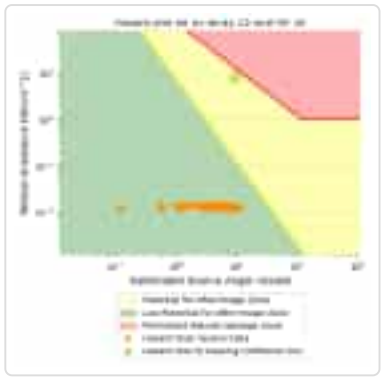
PV array 15: OP 10

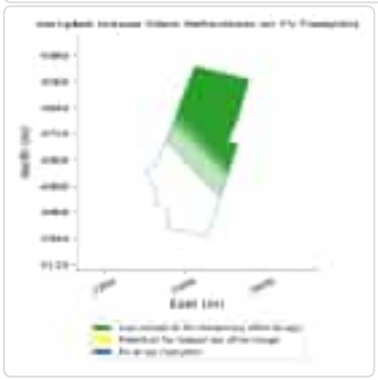
PV array is expected to produce the following glare for this receptor:

- 90 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





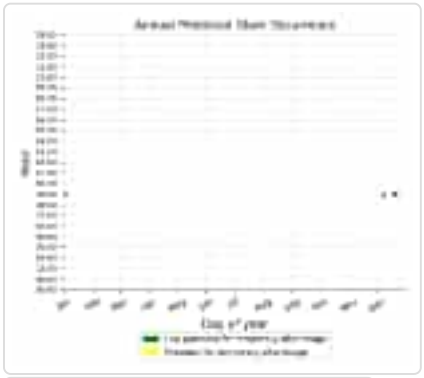


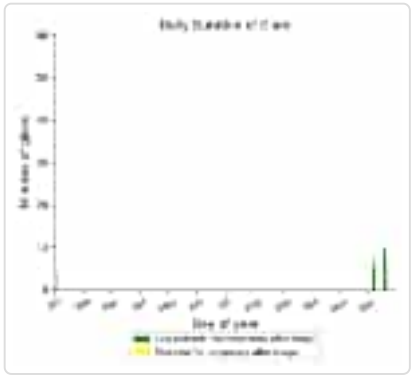


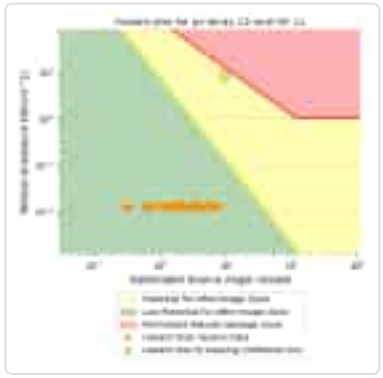
PV array 15: OP 11

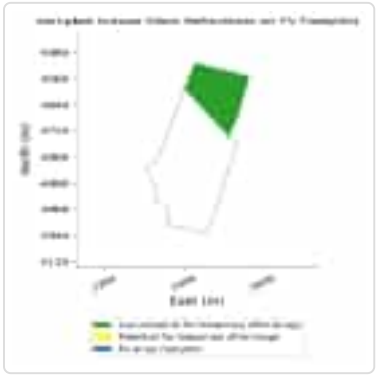
PV array is expected to produce the following glare for this receptor:

- 62 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 12

No glare found

PV array 15: OP 13

No glare found

PV array 15: OP 14

No glare found

PV array 15: OP 15

No glare found

PV array 15: OP 16

No glare found

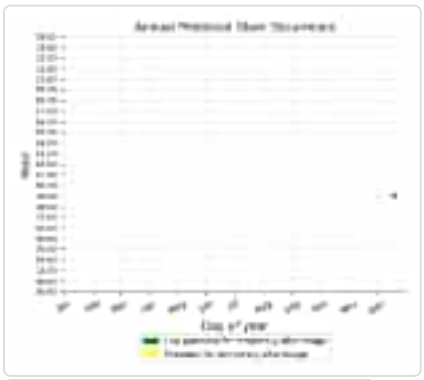
PV array 15: OP 17

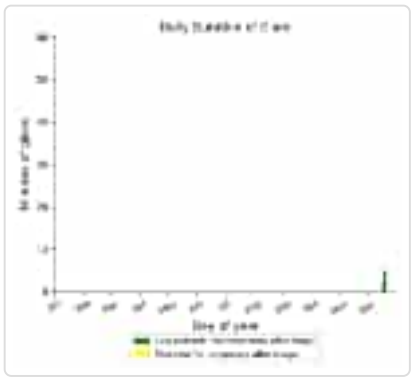
No glare found

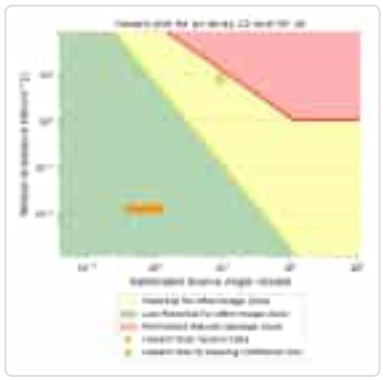
PV array 15: OP 18

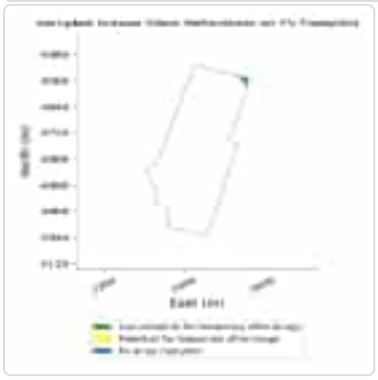
PV array is expected to produce the following glare for this receptor:

- 17 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









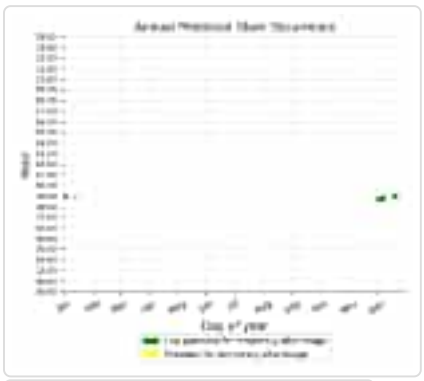
PV array 15: OP 19

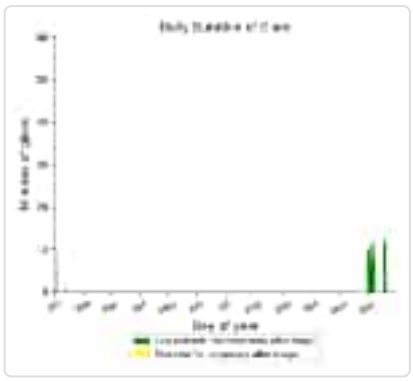
No glare found

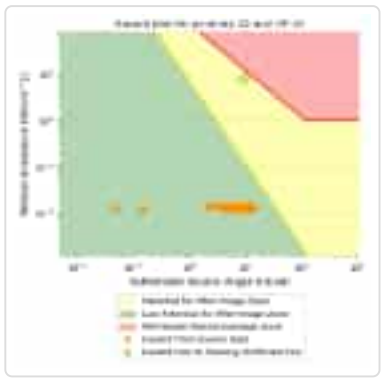
PV array 15: OP 20

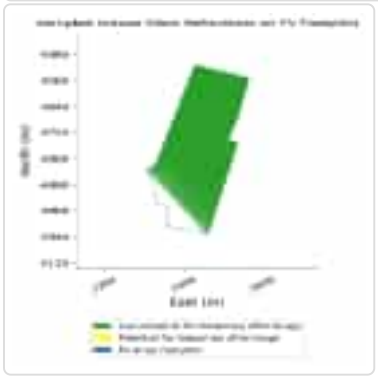
PV array is expected to produce the following glare for this receptor:

- 152 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 21

No glare found

PV array 15: OP 22

No glare found

PV array 15: OP 23

No glare found

PV array 15: OP 24

No glare found

PV array 15: OP 25

No glare found

PV array 15: OP 26

No glare found

PV array 15: OP 27

No glare found

PV array 15: OP 28

No glare found

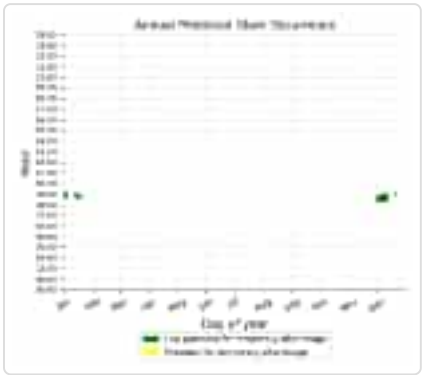
PV array 15: OP 29

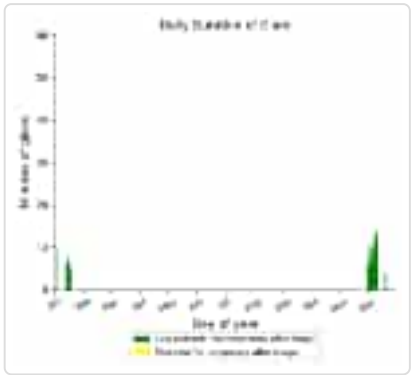
No glare found

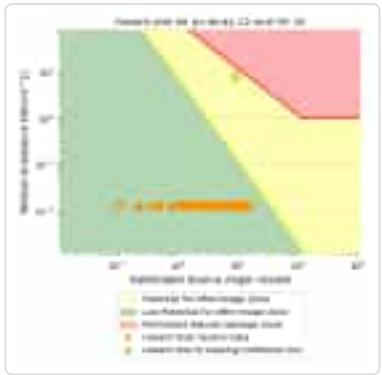
PV array 15: OP 30

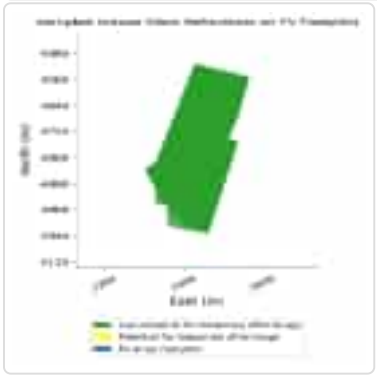
PV array is expected to produce the following glare for this receptor:

- 173 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





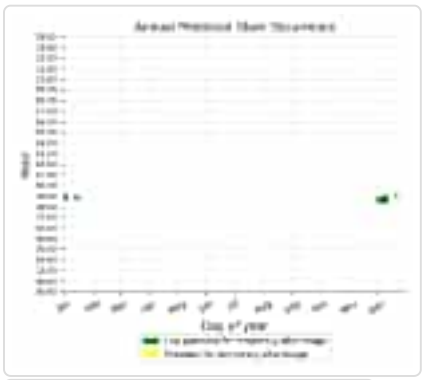


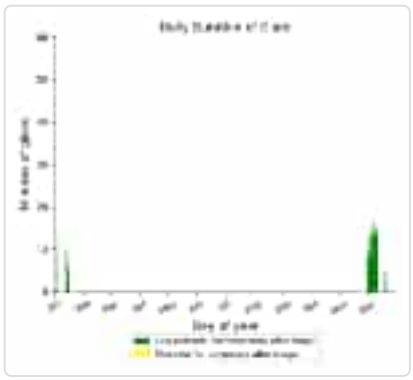


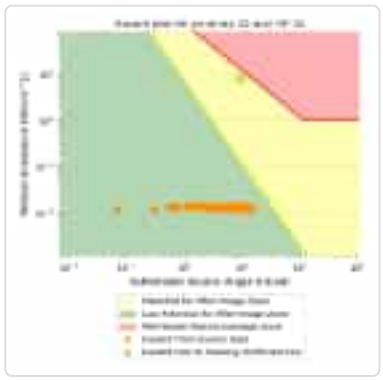
PV array 15: OP 31

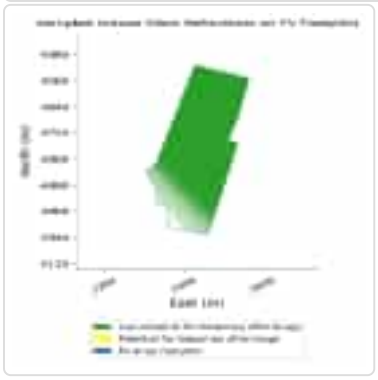
PV array is expected to produce the following glare for this receptor:

- 190 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





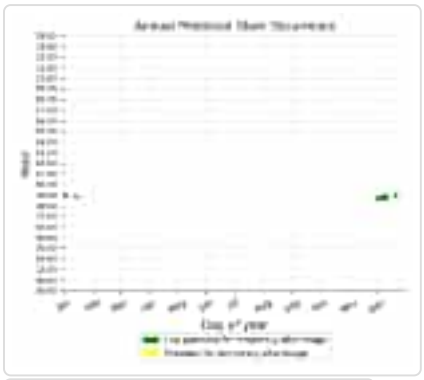


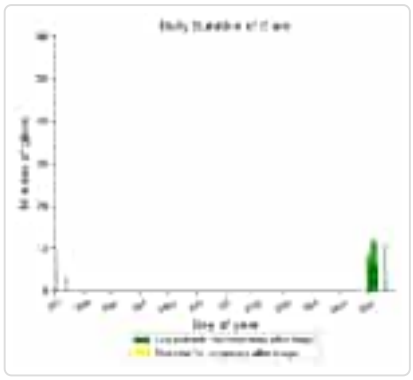


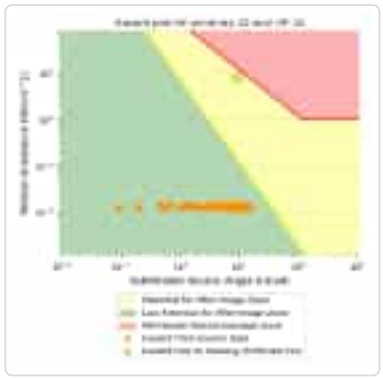
PV array 15: OP 32

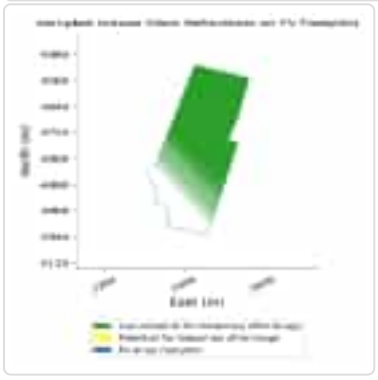
PV array is expected to produce the following glare for this receptor:

- 143 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





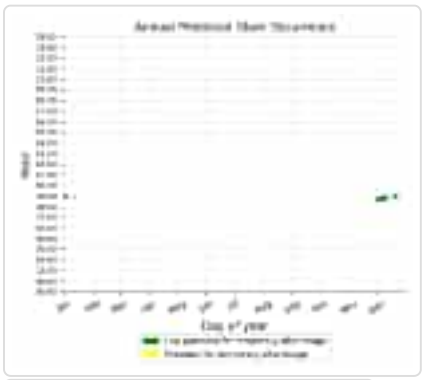


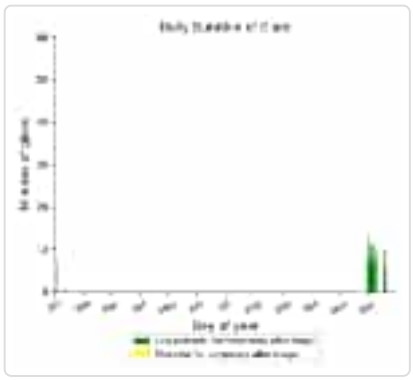


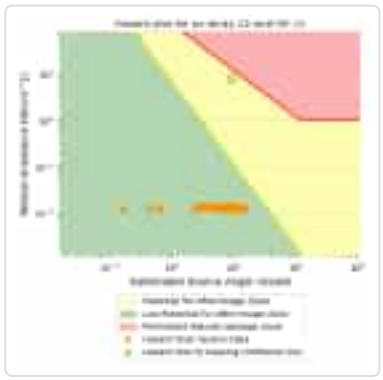
PV array 15: OP 33

PV array is expected to produce the following glare for this receptor:

- 134 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



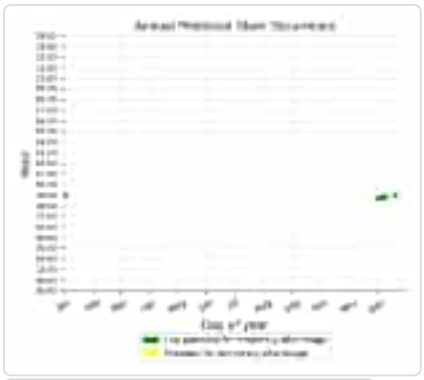


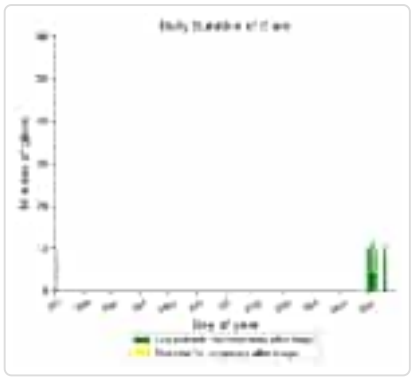


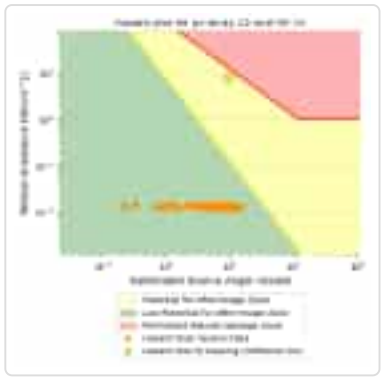
PV array 15: OP 34

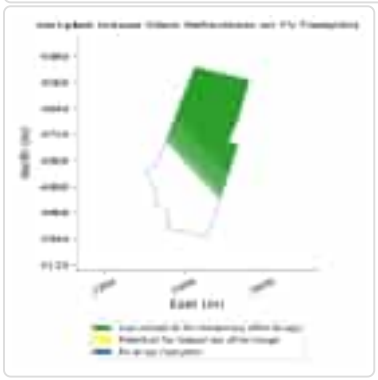
PV array is expected to produce the following glare for this receptor:

- 134 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 35

No glare found

PV array 15: OP 36

No glare found

PV array 15: OP 37

No glare found

PV array 15: OP 38

No glare found

PV array 15: OP 39

No glare found

PV array 15: OP 40

No glare found

PV array 15: OP 41

No glare found

PV array 15: OP 42

No glare found

PV array 15: OP 43

No glare found

PV array 15: OP 44

No glare found

PV array 15: OP 45

No glare found

PV array 15: OP 46

No glare found

PV array 15: OP 47

No glare found

PV array 15: OP 48

No glare found

PV array 15: OP 49

No glare found

PV array 15: OP 50

No glare found

PV array 15: OP 51

No glare found

PV array 15: OP 52

No glare found

PV array 15: OP 53

No glare found

PV array 15: OP 54

No glare found

PV array 15: OP 55

No glare found

PV array 15: OP 56

No glare found

PV array 15: OP 57

No glare found

PV array 15: OP 58

No glare found

PV array 15: OP 59

No glare found

PV array 15: OP 60

No glare found

PV array 15: OP 61

No glare found

PV array 15: OP 62

No glare found

PV array 15: OP 63

No glare found

PV array 15: OP 64

No glare found

PV array 15: OP 65

No glare found

PV array 15: OP 66

No glare found

PV array 15: OP 67

No glare found

PV array 15: OP 68

No glare found

PV array 15: OP 69

No glare found

PV array 15: OP 70

No glare found

PV array 15: OP 71

No glare found

PV array 15: OP 72

No glare found

PV array 15: OP 73

No glare found

PV array 15: OP 74

No glare found

PV array 15: OP 75

No glare found

PV array 15: OP 76

No glare found

PV array 15: OP 77

No glare found

PV array 15: OP 78

No glare found

PV array 15: OP 79

No glare found

PV array 15: OP 80

No glare found

PV array 2 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0

OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	459	76
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	392	0
OP: OP 39	323	0
OP: OP 40	219	0
OP: OP 41	143	0
OP: OP 42	29	0
OP: OP 43	37	0
OP: OP 44	51	0
OP: OP 45	56	0
OP: OP 46	68	0
OP: OP 47	67	0
OP: OP 48	31	0
OP: OP 49	33	0
OP: OP 50	48	0
OP: OP 51	72	0
OP: OP 52	217	1
OP: OP 53	188	0
OP: OP 54	167	0
OP: OP 55	158	0
OP: OP 56	46	0
OP: OP 57	88	0
OP: OP 58	133	0
OP: OP 59	213	0
OP: OP 60	212	0
OP: OP 61	176	0

OP: OP 62	159	0
OP: OP 63	143	0
OP: OP 64	251	0
OP: OP 65	335	0
OP: OP 66	218	8
OP: OP 67	295	14
OP: OP 68	124	0
OP: OP 69	133	0
OP: OP 70	172	0
OP: OP 71	384	0
OP: OP 72	419	0
OP: OP 73	417	0
OP: OP 74	408	0
OP: OP 75	394	0
OP: OP 76	406	0
OP: OP 77	410	0
OP: OP 78	216	0
OP: OP 79	416	0
OP: OP 80	408	0

PV array 2: OP 1

No glare found

PV array 2: OP 2

No glare found

PV array 2: OP 3

No glare found

PV array 2: OP 4

No glare found

PV array 2: OP 5

No glare found

PV array 2: OP 6

No glare found

PV array 2: OP 7

No glare found

PV array 2: OP 8

No glare found

PV array 2: OP 9

No glare found

PV array 2: OP 10

No glare found

PV array 2: OP 11

No glare found

PV array 2: OP 12

No glare found

PV array 2: OP 13

No glare found

PV array 2: OP 14

No glare found

PV array 2: OP 15

No glare found

PV array 2: OP 16

No glare found

PV array 2: OP 17

No glare found

PV array 2: OP 18

No glare found

PV array 2: OP 19

No glare found

PV array 2: OP 20

No glare found

PV array 2: OP 21

No glare found

PV array 2: OP 22

No glare found

PV array 2: OP 23

No glare found

PV array 2: OP 24

No glare found

PV array 2: OP 25

No glare found

PV array 2: OP 26

No glare found

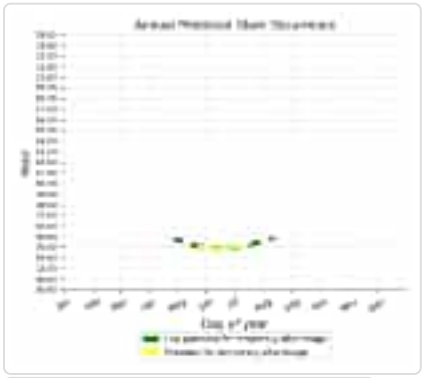
PV array 2: OP 27

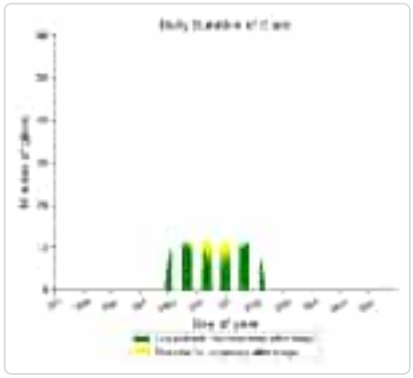
No glare found

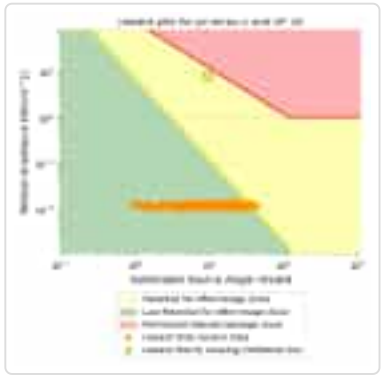
PV array 2: OP 28

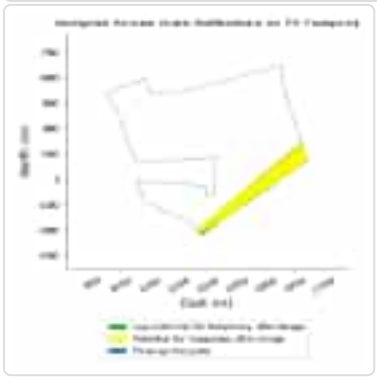
PV array is expected to produce the following glare for this receptor:

- 459 minutes of "green" glare with low potential to cause temporary after-image.
- 76 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 29

No glare found

PV array 2: OP 30

No glare found

PV array 2: OP 31

No glare found

PV array 2: OP 32

No glare found

PV array 2: OP 33

No glare found

PV array 2: OP 34

No glare found

PV array 2: OP 35

No glare found

PV array 2: OP 36

No glare found

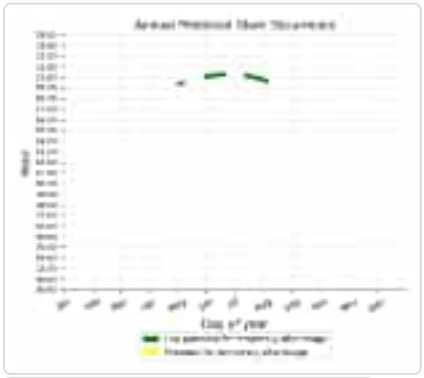
PV array 2: OP 37

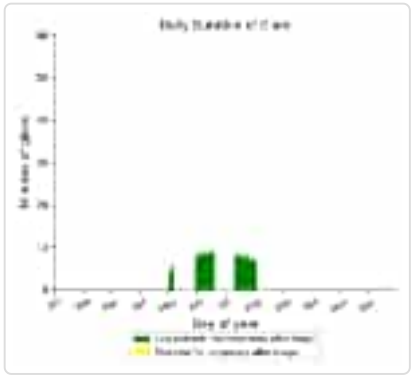
No glare found

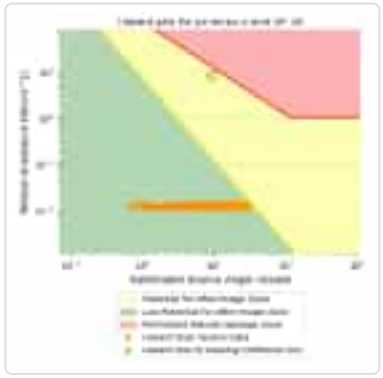
PV array 2: OP 38

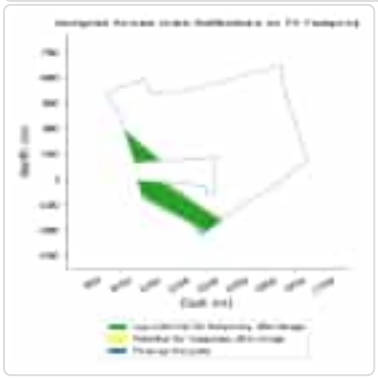
PV array is expected to produce the following glare for this receptor:

- 392 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





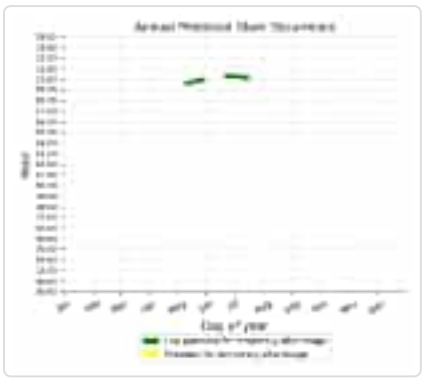


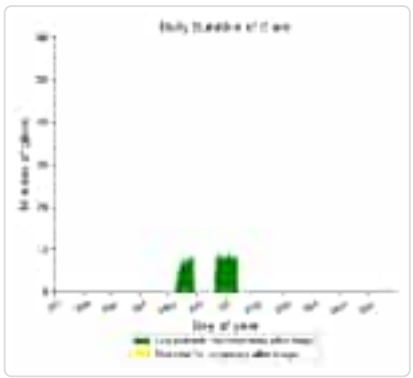


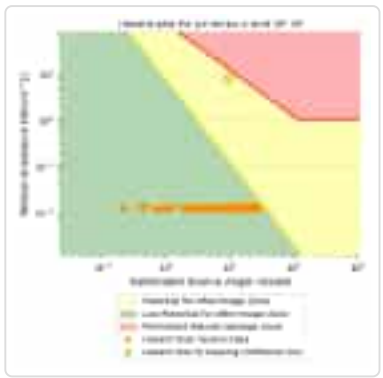
PV array 2: OP 39

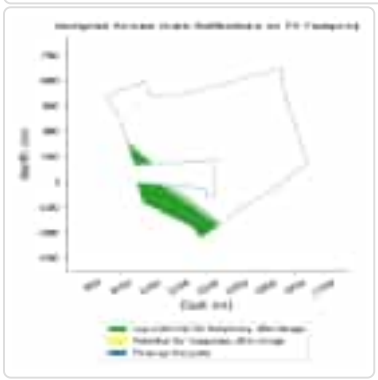
PV array is expected to produce the following glare for this receptor:

- 323 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





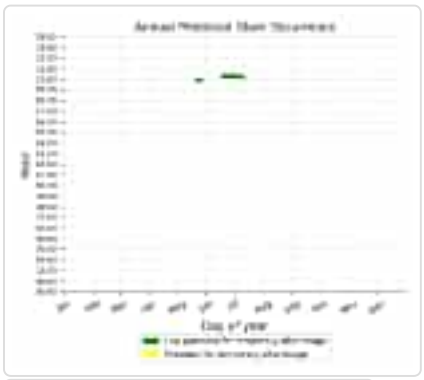


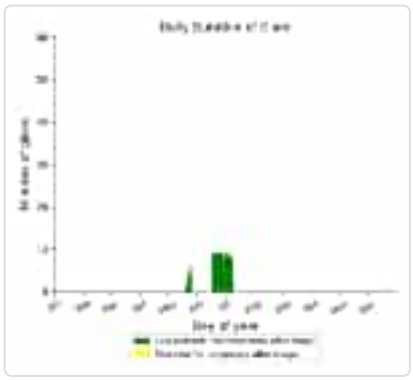


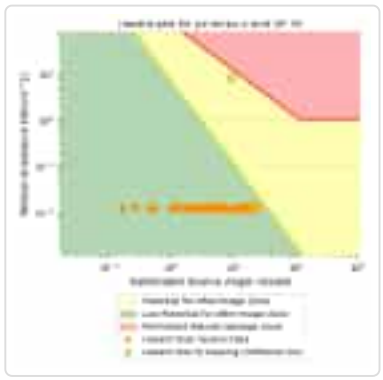
PV array 2: OP 40

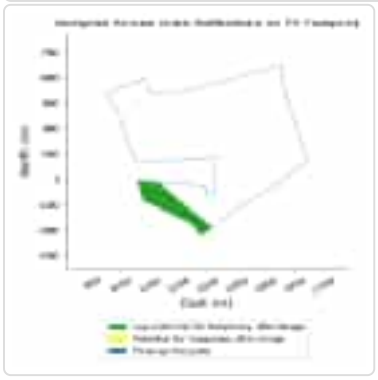
PV array is expected to produce the following glare for this receptor:

- 219 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





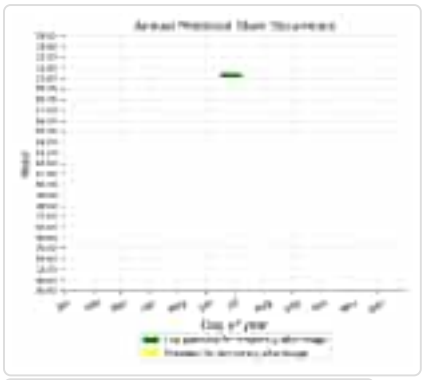


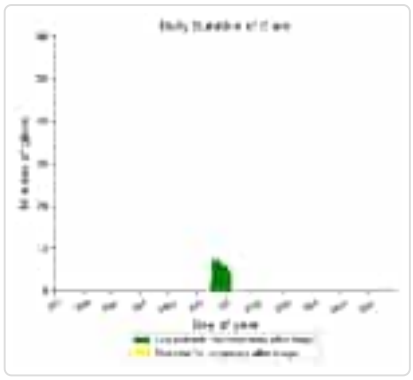


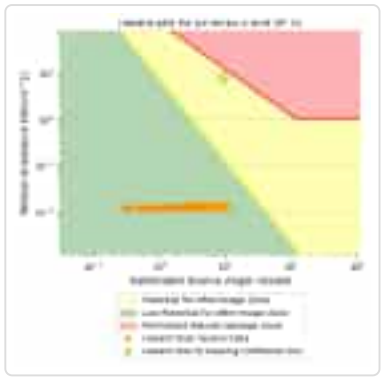
PV array 2: OP 41

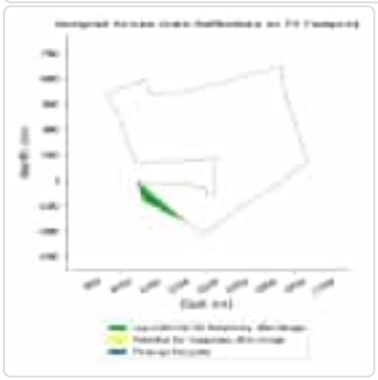
PV array is expected to produce the following glare for this receptor:

- 143 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





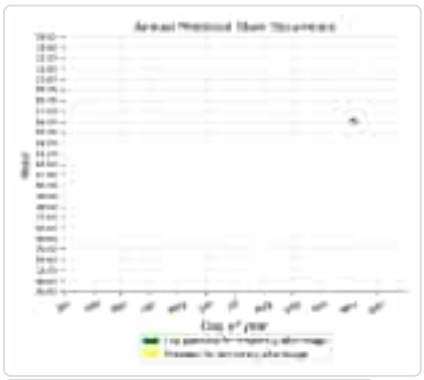


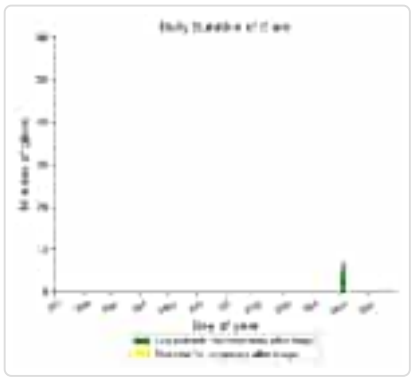


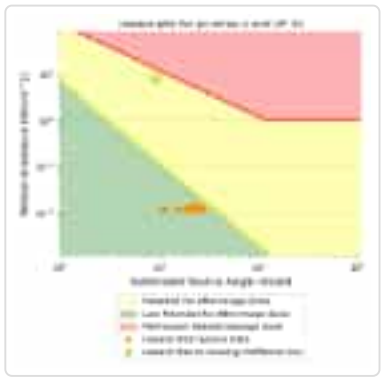
PV array 2: OP 42

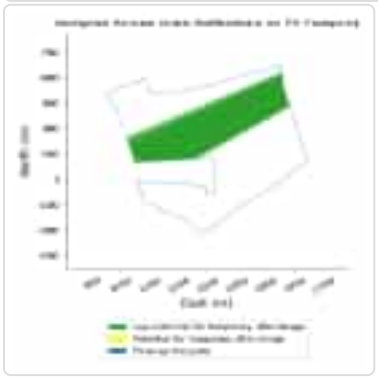
PV array is expected to produce the following glare for this receptor:

- 29 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





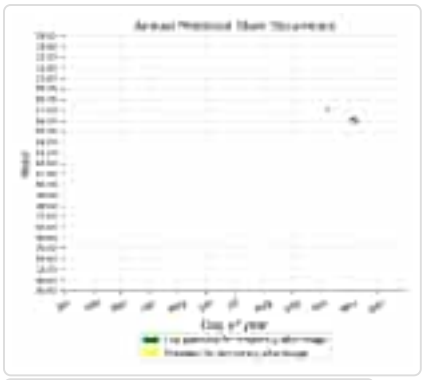


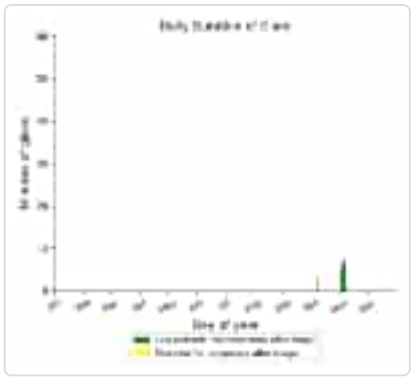


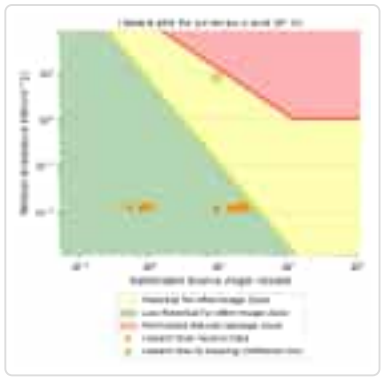
PV array 2: OP 43

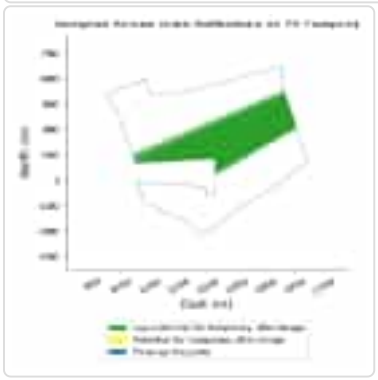
PV array is expected to produce the following glare for this receptor:

- 37 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





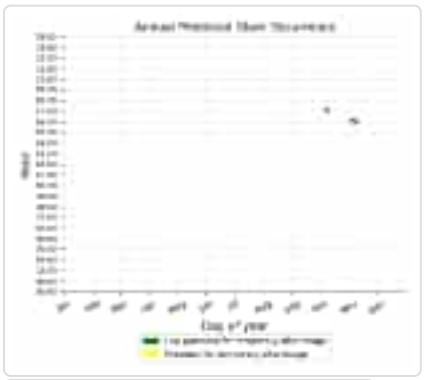


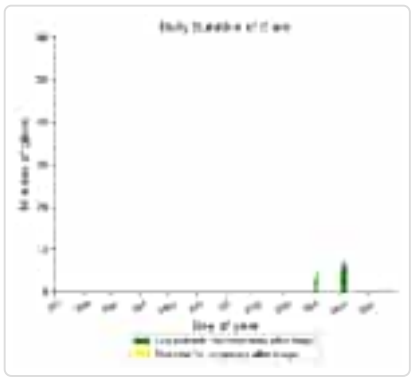


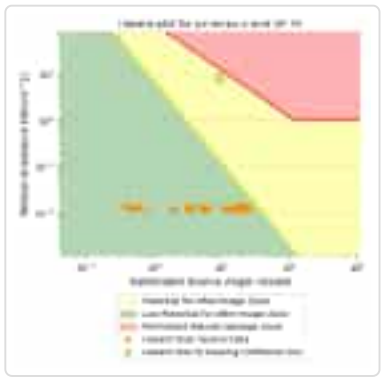
PV array 2: OP 44

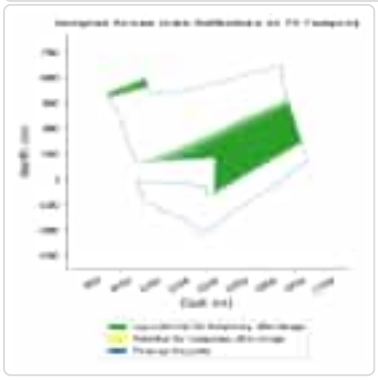
PV array is expected to produce the following glare for this receptor:

- 51 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





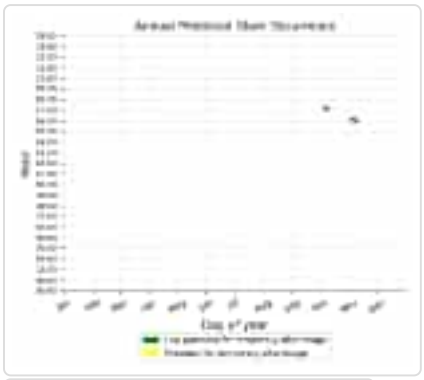


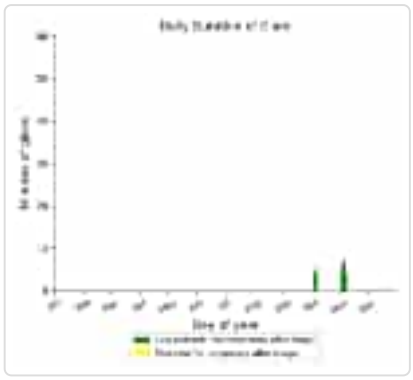


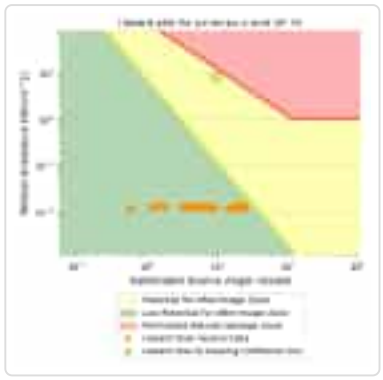
PV array 2: OP 45

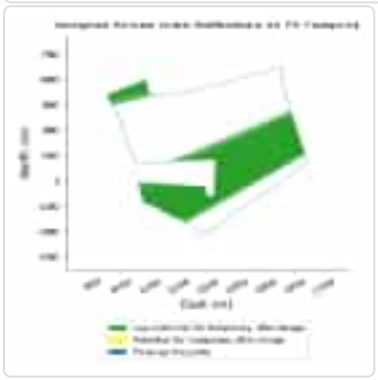
PV array is expected to produce the following glare for this receptor:

- 56 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





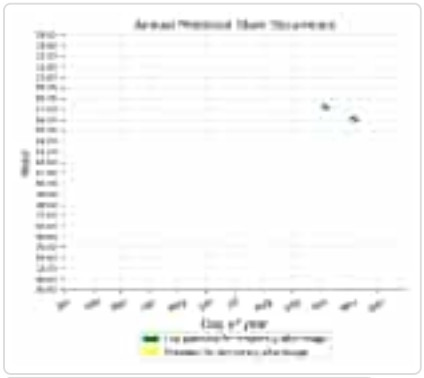


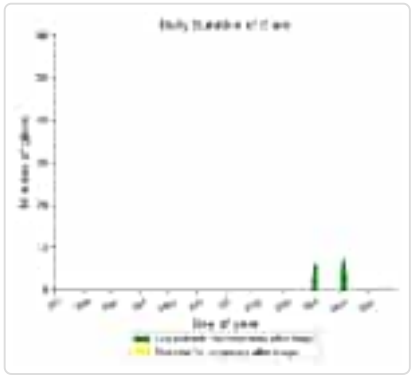


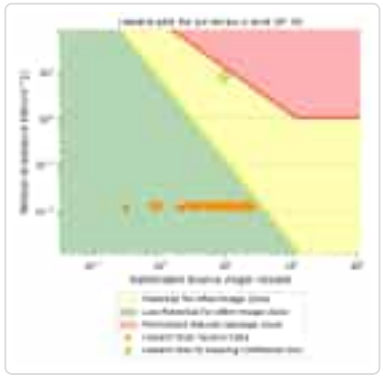
PV array 2: OP 46

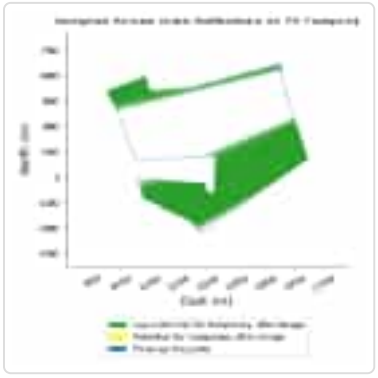
PV array is expected to produce the following glare for this receptor:

- 68 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





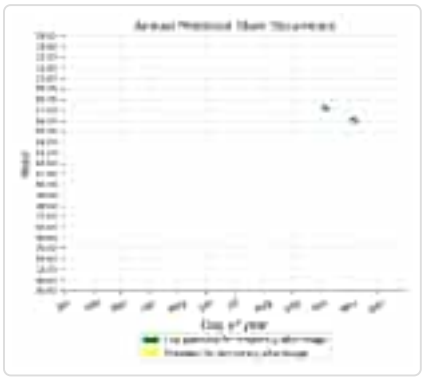


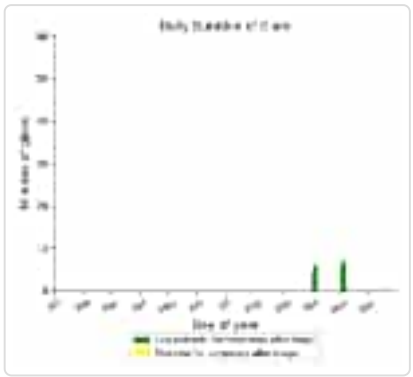


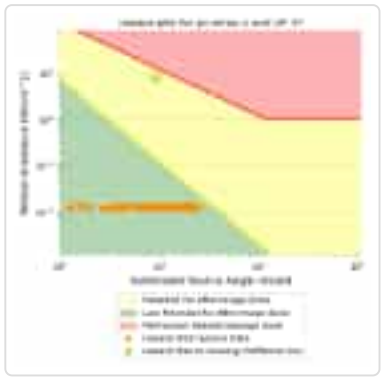
PV array 2: OP 47

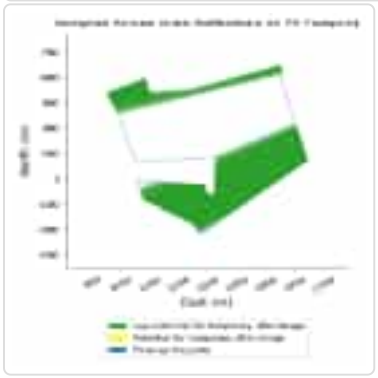
PV array is expected to produce the following glare for this receptor:

- 67 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





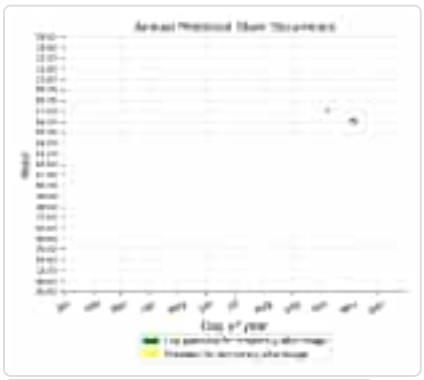


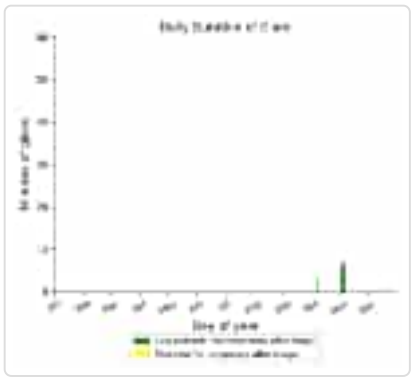


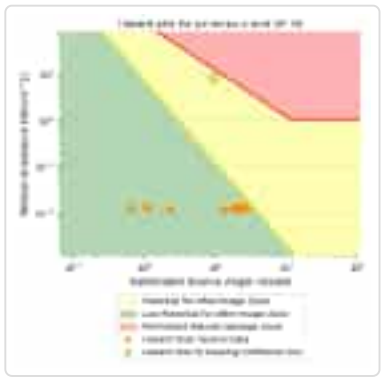
PV array 2: OP 48

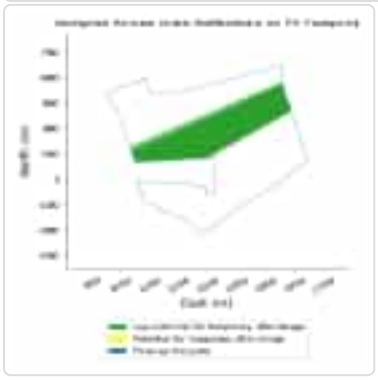
PV array is expected to produce the following glare for this receptor:

- 31 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





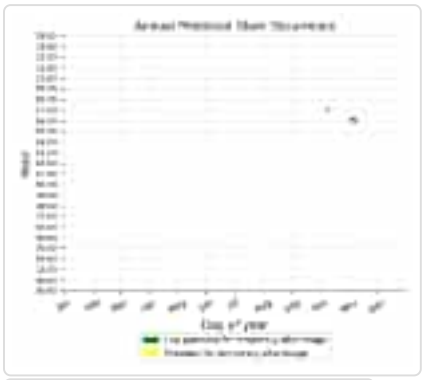


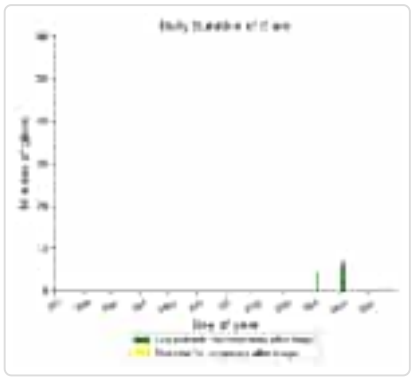


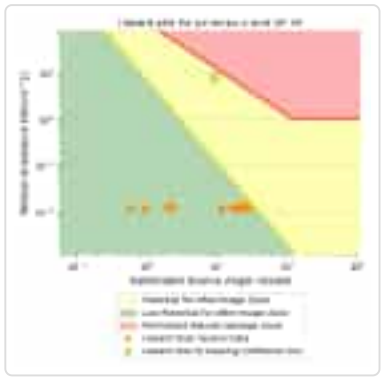
PV array 2: OP 49

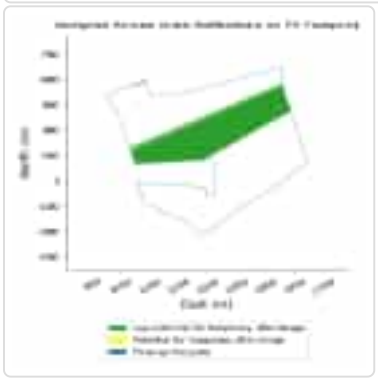
PV array is expected to produce the following glare for this receptor:

- 33 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





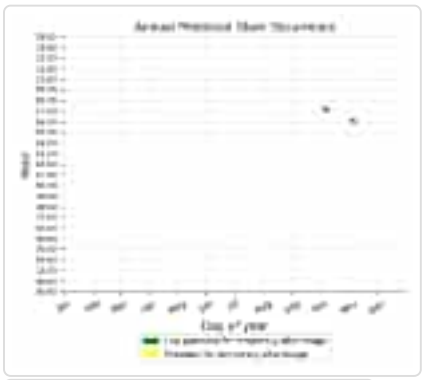


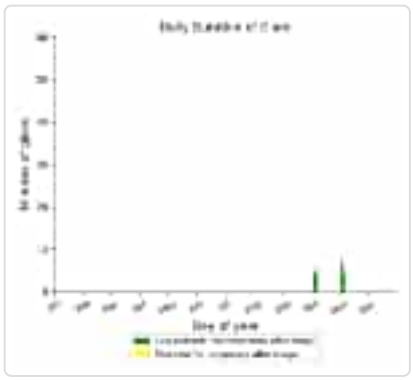


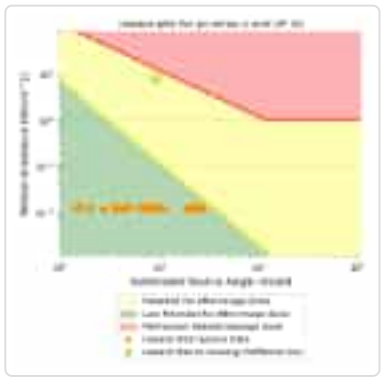
PV array 2: OP 50

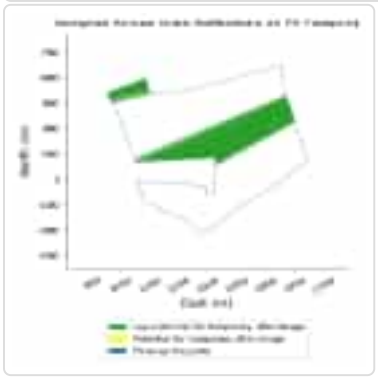
PV array is expected to produce the following glare for this receptor:

- 48 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





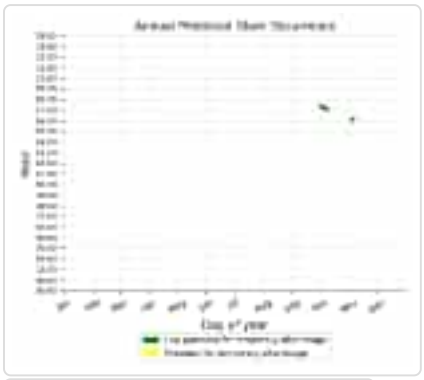


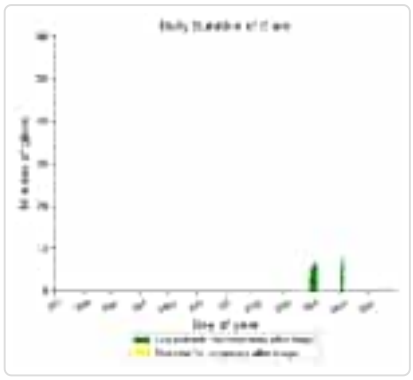


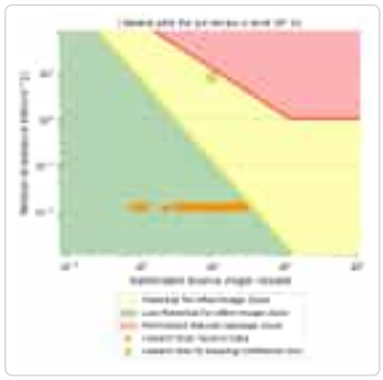
PV array 2: OP 51

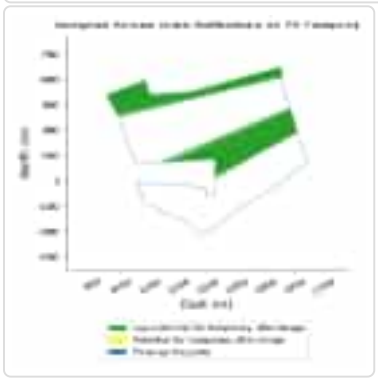
PV array is expected to produce the following glare for this receptor:

- 72 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





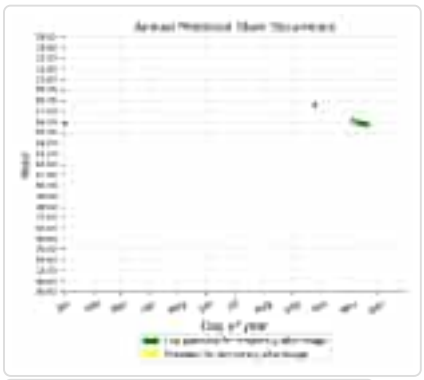


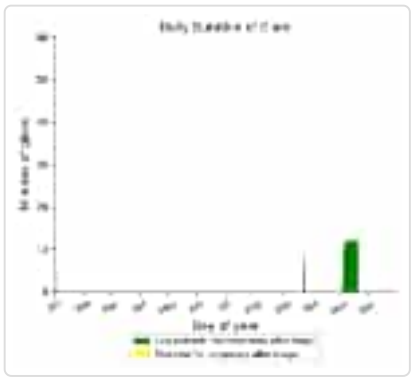


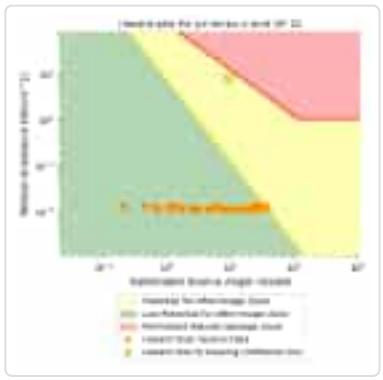
PV array 2: OP 52

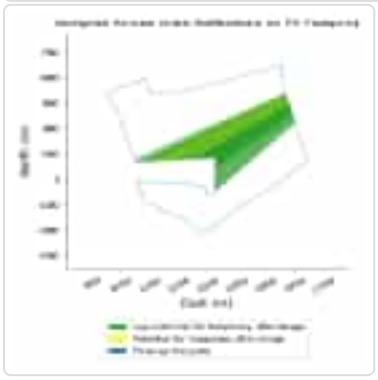
PV array is expected to produce the following glare for this receptor:

- 217 minutes of "green" glare with low potential to cause temporary after-image.
- 1 minutes of "yellow" glare with potential to cause temporary after-image.





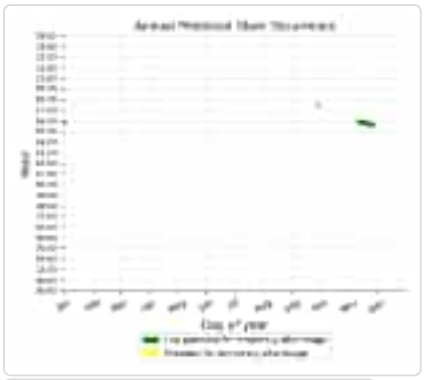


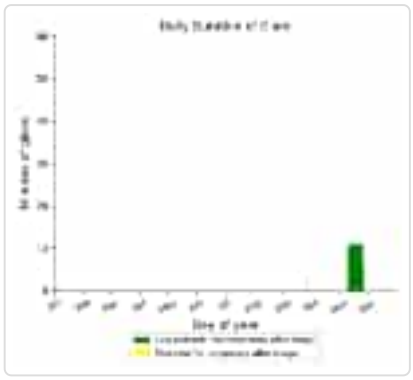


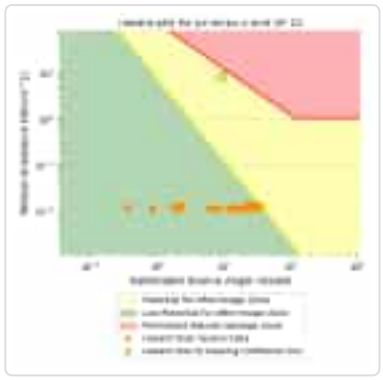
PV array 2: OP 53

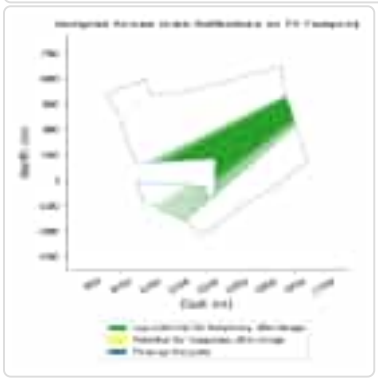
PV array is expected to produce the following glare for this receptor:

- 188 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





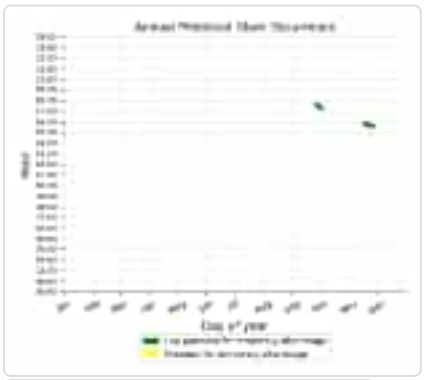


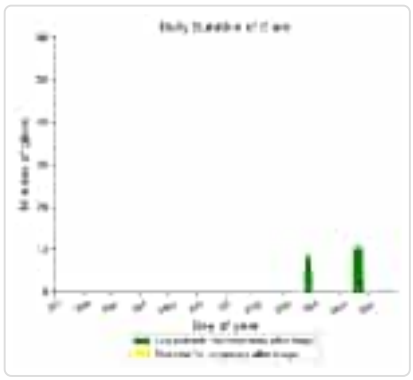


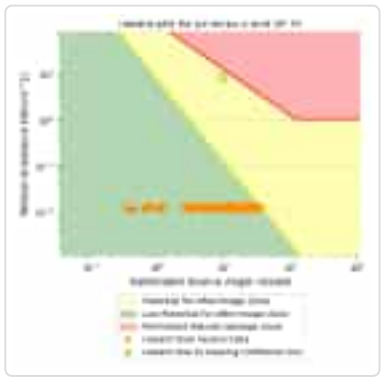
PV array 2: OP 54

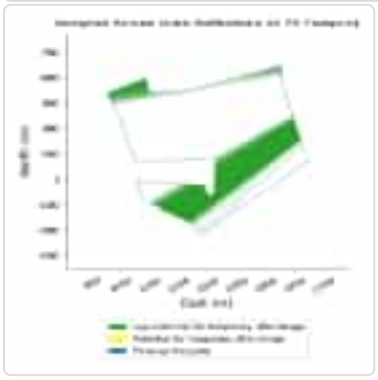
PV array is expected to produce the following glare for this receptor:

- 167 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





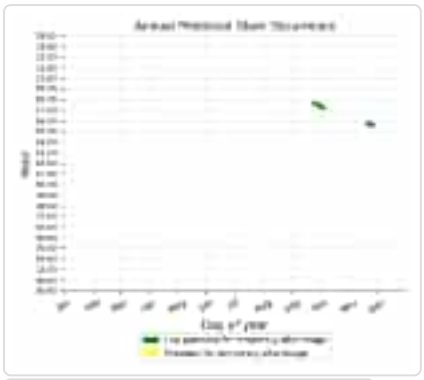


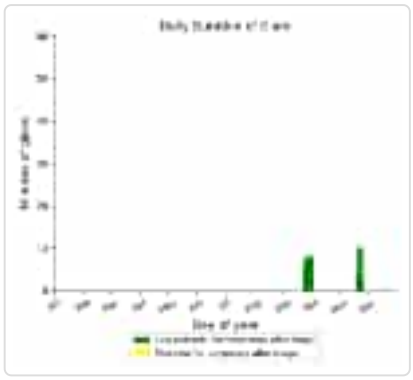


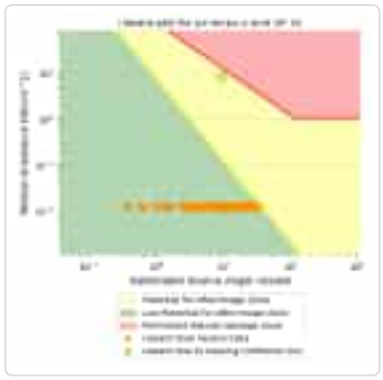
PV array 2: OP 55

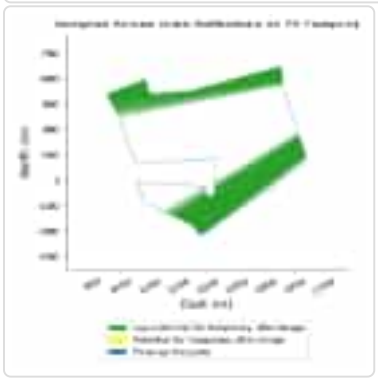
PV array is expected to produce the following glare for this receptor:

- 158 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





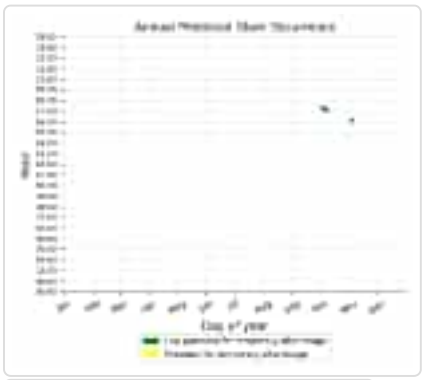


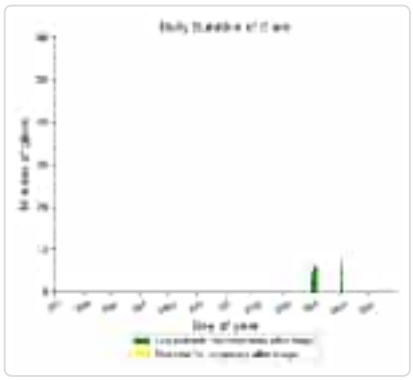


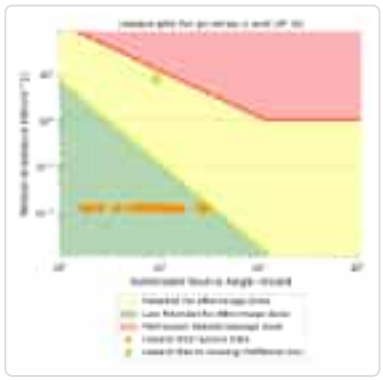
PV array 2: OP 56

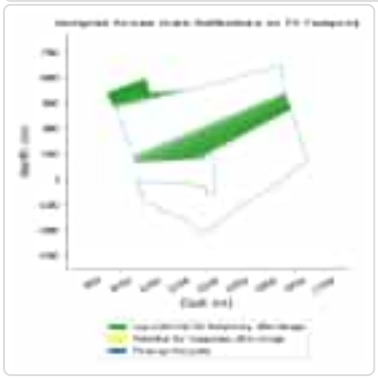
PV array is expected to produce the following glare for this receptor:

- 46 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





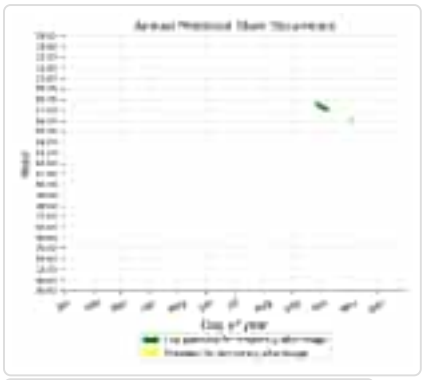


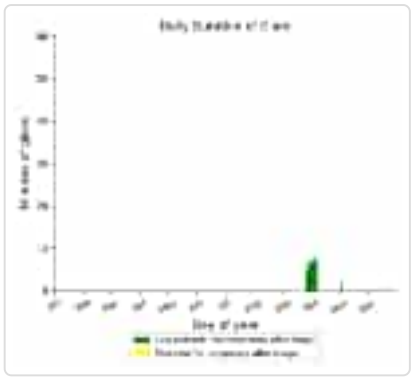


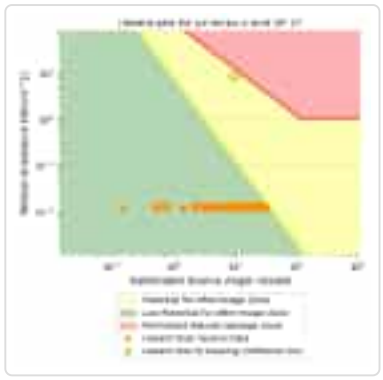
PV array 2: OP 57

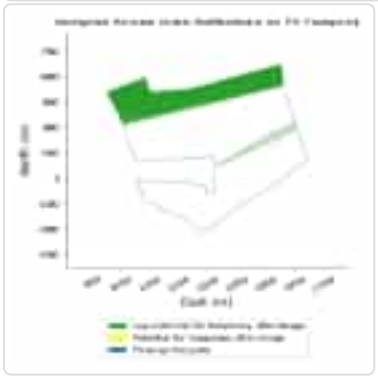
PV array is expected to produce the following glare for this receptor:

- 88 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





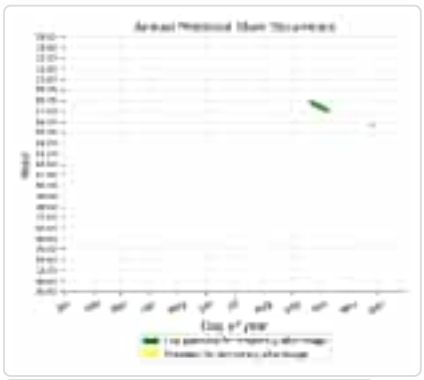


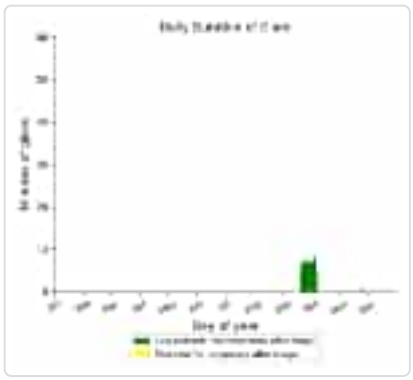


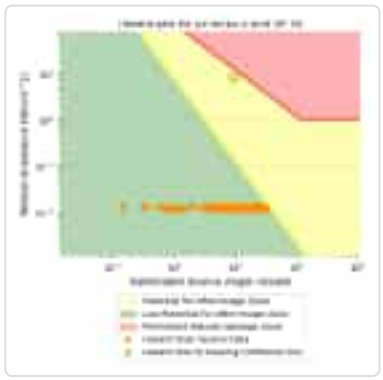
PV array 2: OP 58

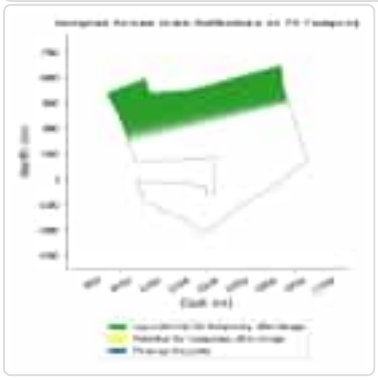
PV array is expected to produce the following glare for this receptor:

- 133 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





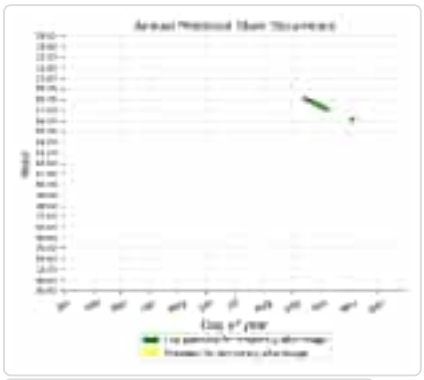


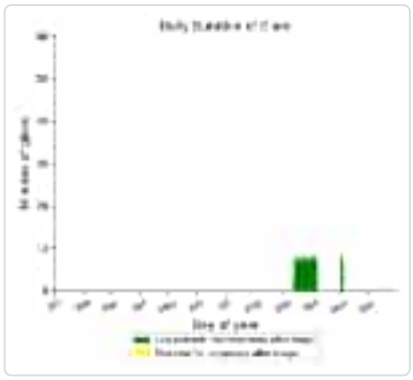


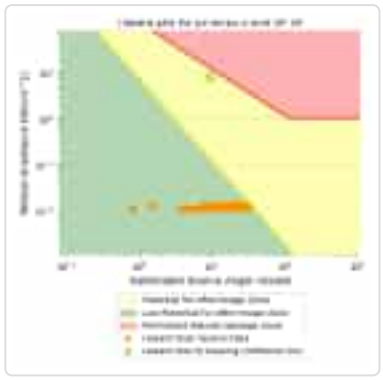
PV array 2: OP 59

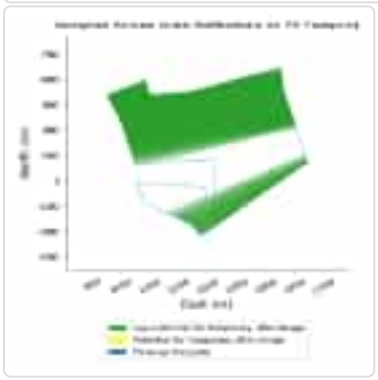
PV array is expected to produce the following glare for this receptor:

- 213 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





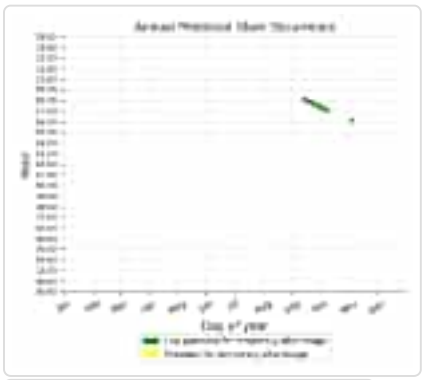


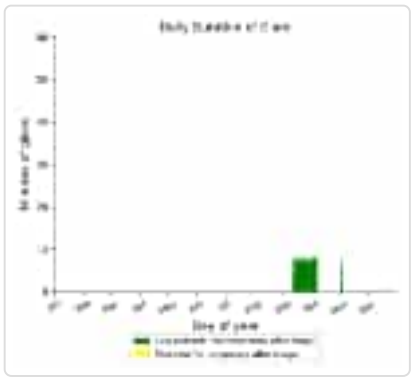


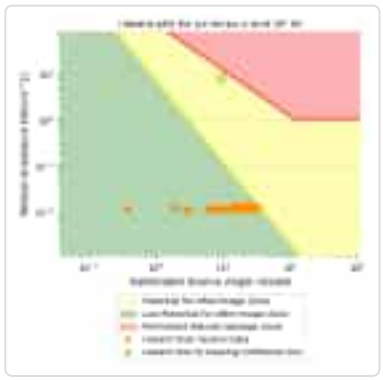
PV array 2: OP 60

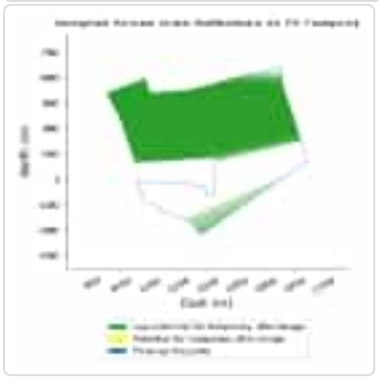
PV array is expected to produce the following glare for this receptor:

- 212 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





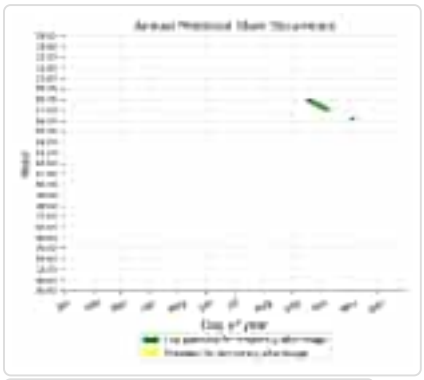


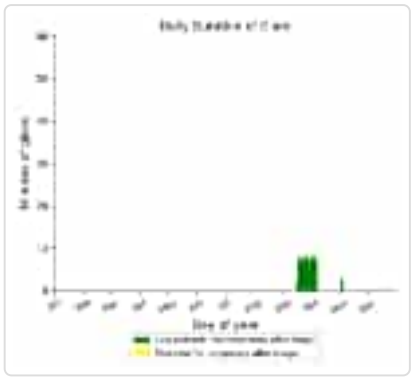


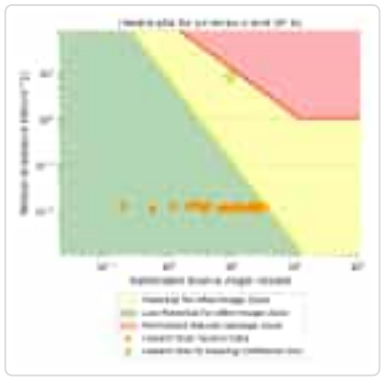
PV array 2: OP 61

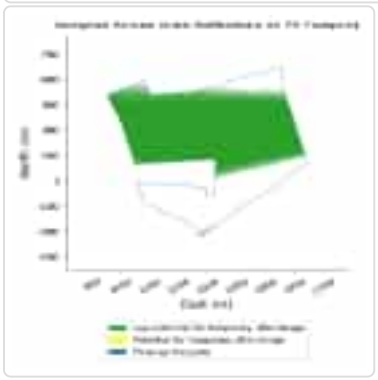
PV array is expected to produce the following glare for this receptor:

- 176 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





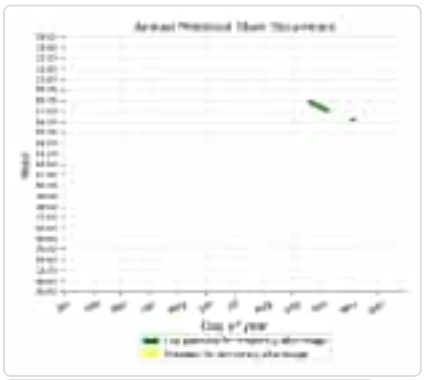


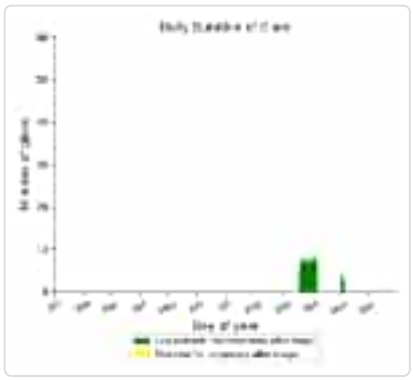


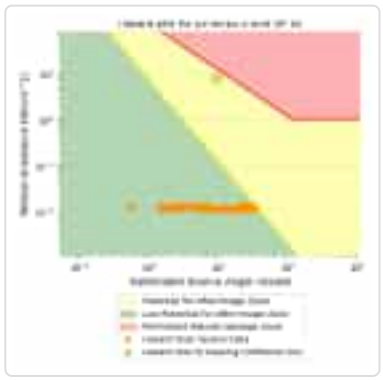
PV array 2: OP 62

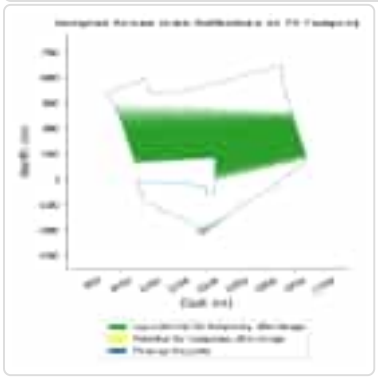
PV array is expected to produce the following glare for this receptor:

- 159 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





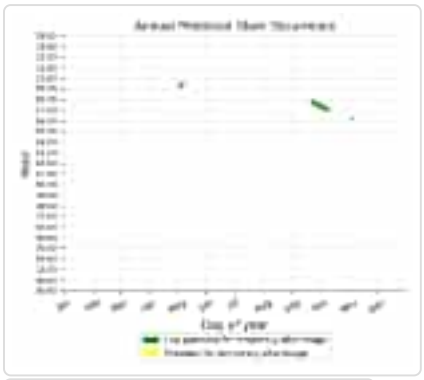


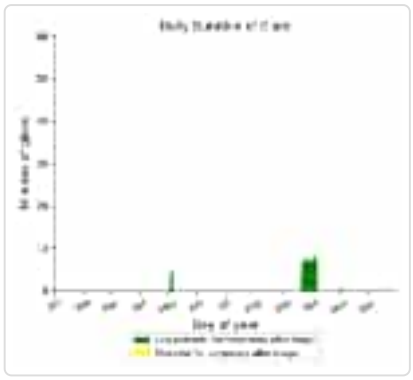


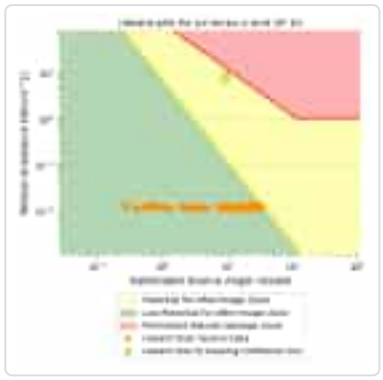
PV array 2: OP 63

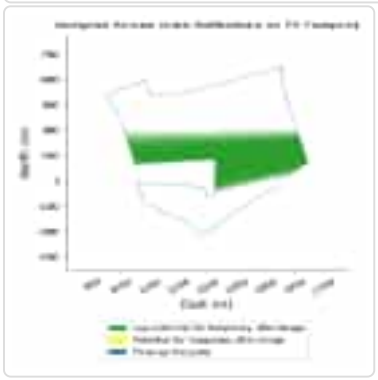
PV array is expected to produce the following glare for this receptor:

- 143 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





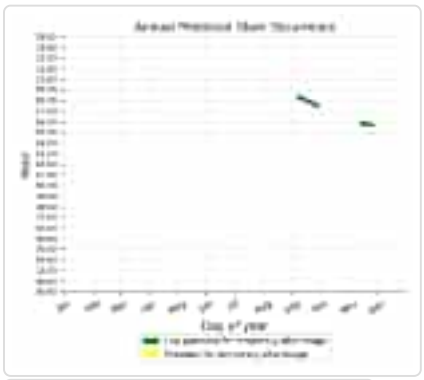


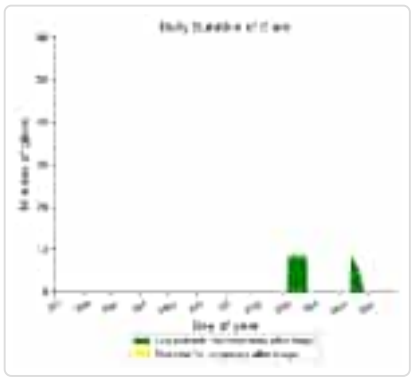


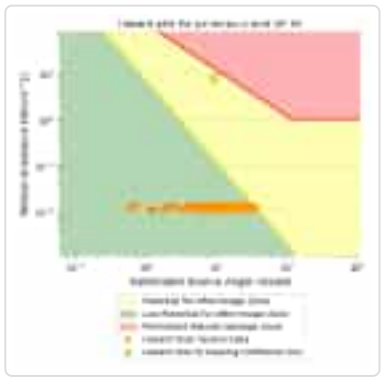
PV array 2: OP 64

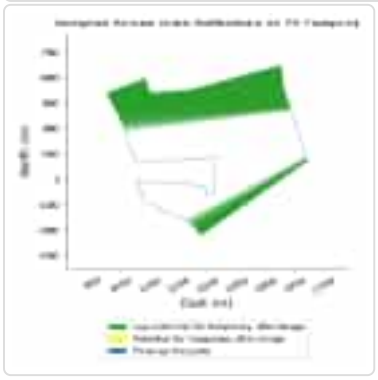
PV array is expected to produce the following glare for this receptor:

- 251 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





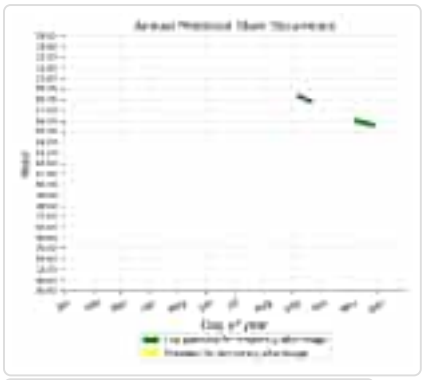


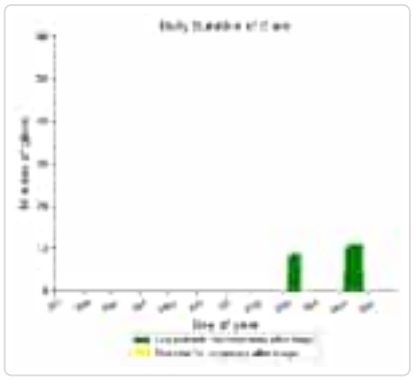


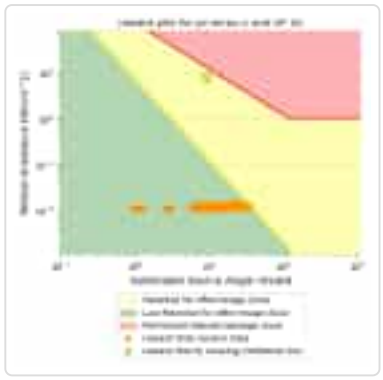
PV array 2: OP 65

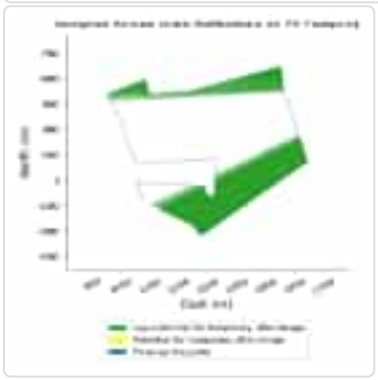
PV array is expected to produce the following glare for this receptor:

- 335 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





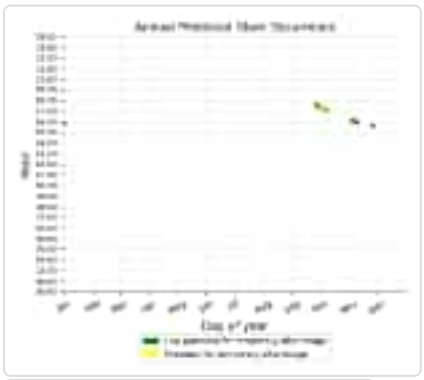


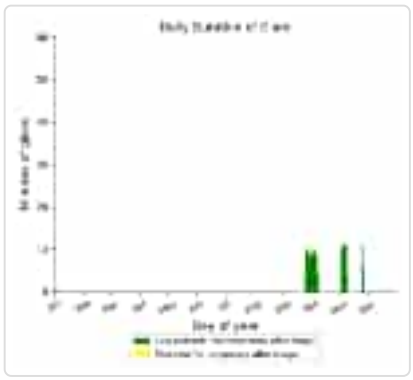


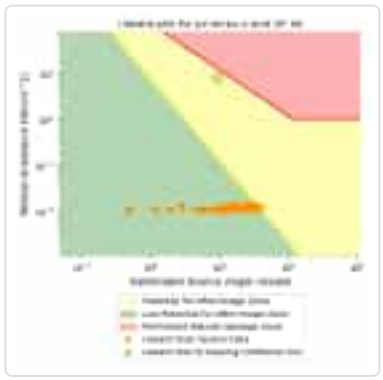
PV array 2: OP 66

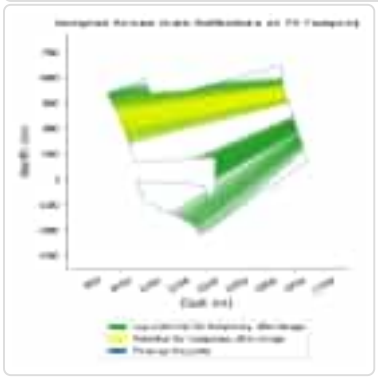
PV array is expected to produce the following glare for this receptor:

- 218 minutes of "green" glare with low potential to cause temporary after-image.
- 8 minutes of "yellow" glare with potential to cause temporary after-image.





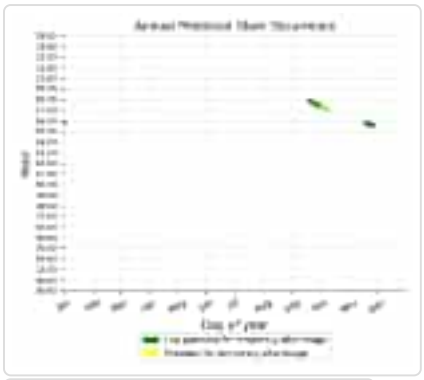


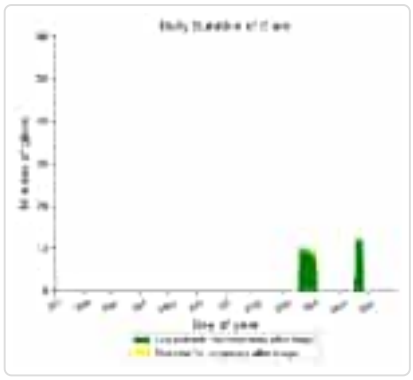


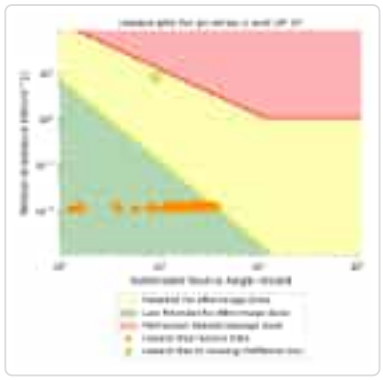
PV array 2: OP 67

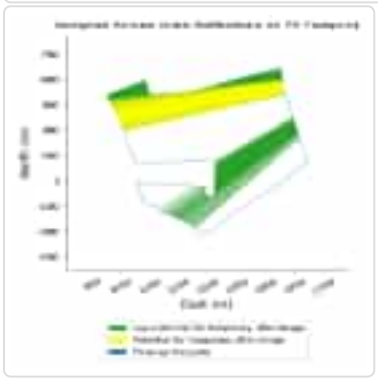
PV array is expected to produce the following glare for this receptor:

- 295 minutes of "green" glare with low potential to cause temporary after-image.
- 14 minutes of "yellow" glare with potential to cause temporary after-image.





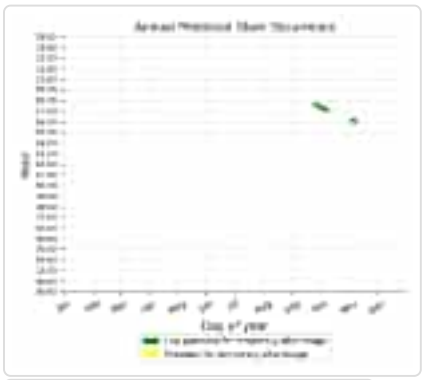


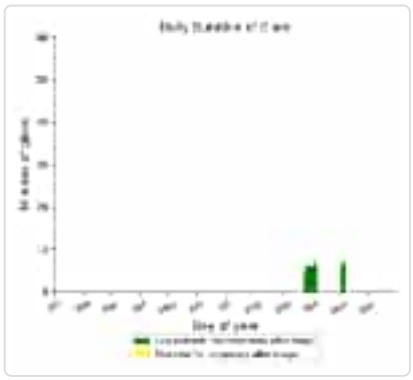


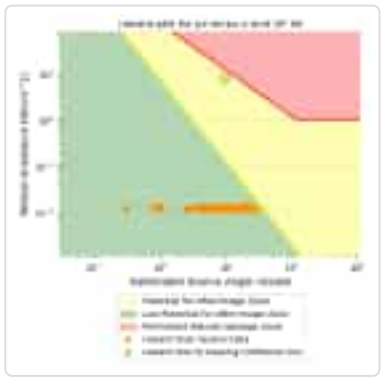
PV array 2: OP 68

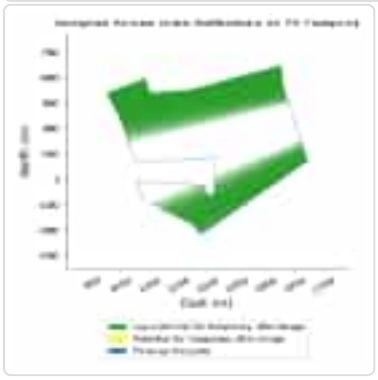
PV array is expected to produce the following glare for this receptor:

- 124 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





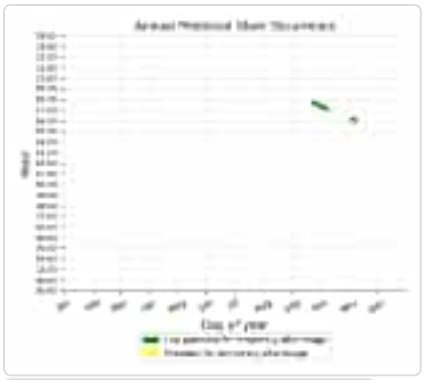


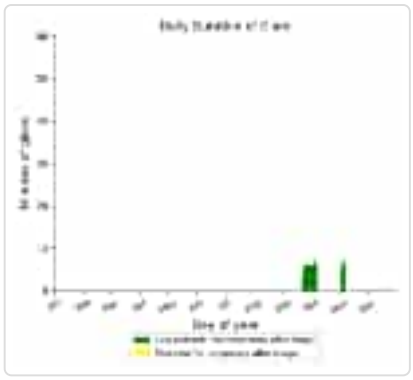


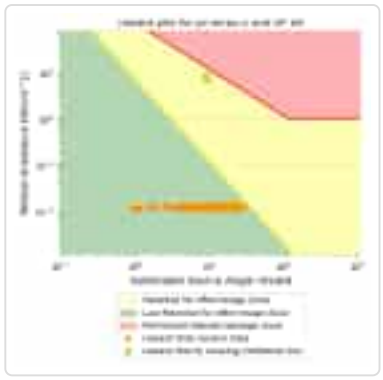
PV array 2: OP 69

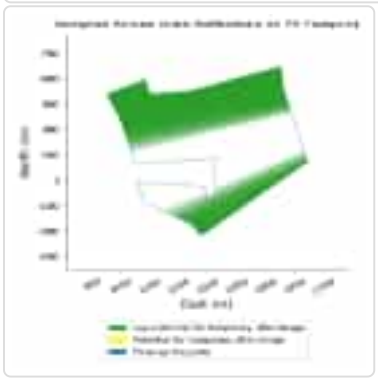
PV array is expected to produce the following glare for this receptor:

- 133 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





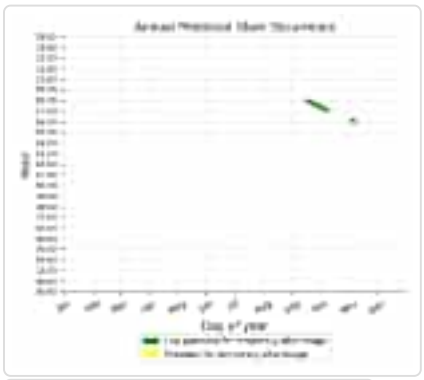


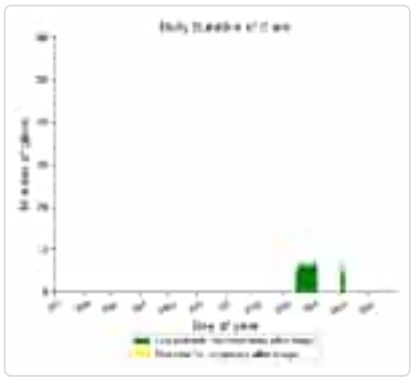


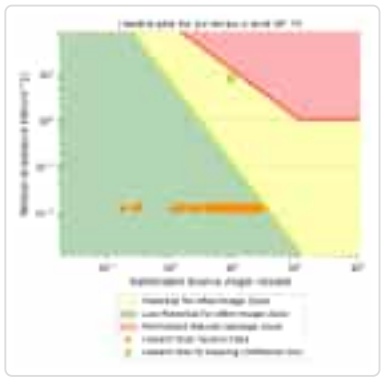
PV array 2: OP 70

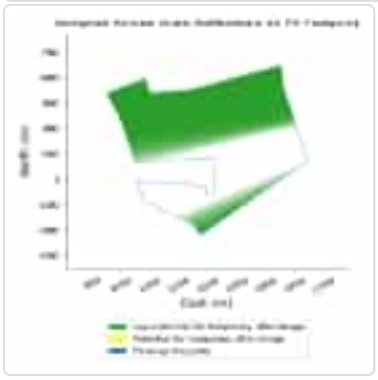
PV array is expected to produce the following glare for this receptor:

- 172 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





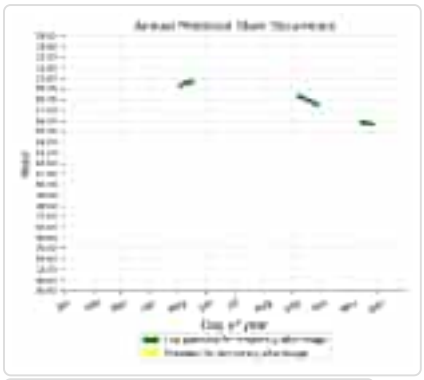


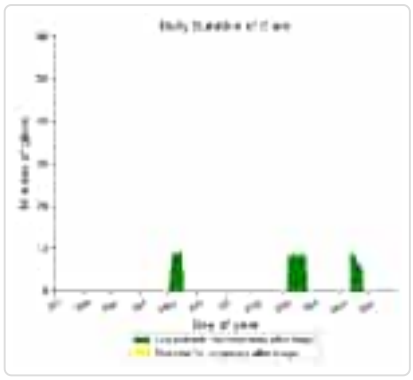


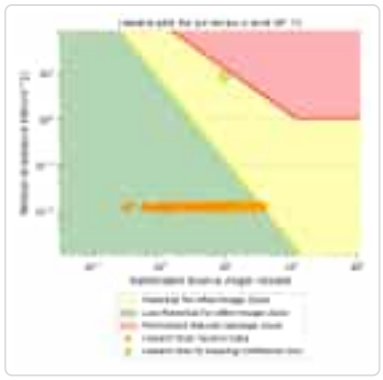
PV array 2: OP 71

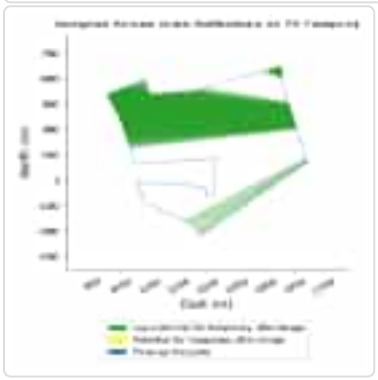
PV array is expected to produce the following glare for this receptor:

- 384 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





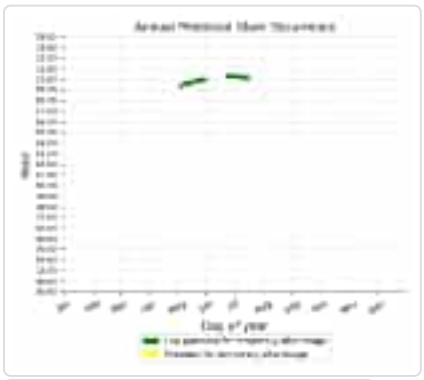


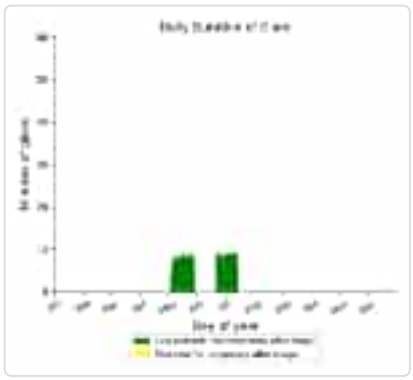


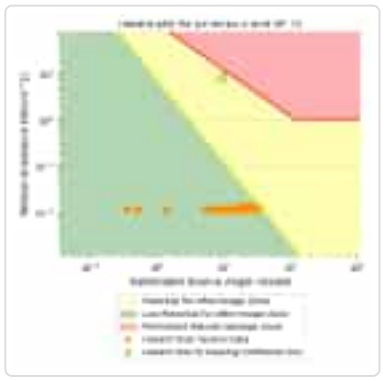
PV array 2: OP 72

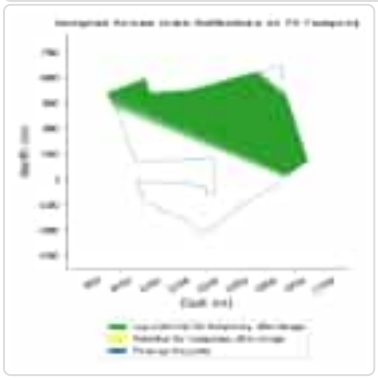
PV array is expected to produce the following glare for this receptor:

- 419 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





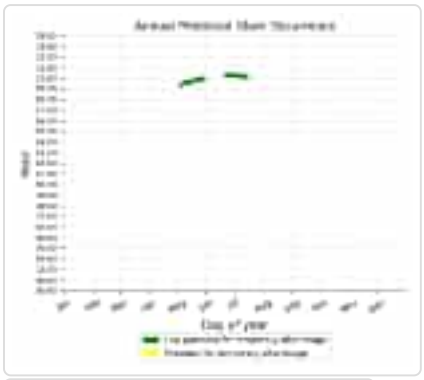


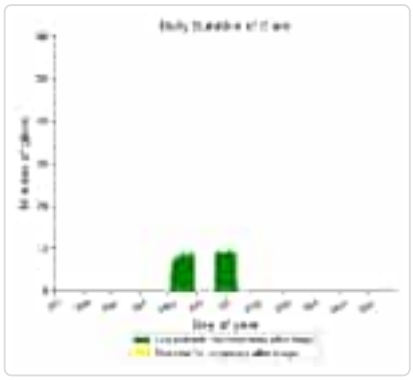


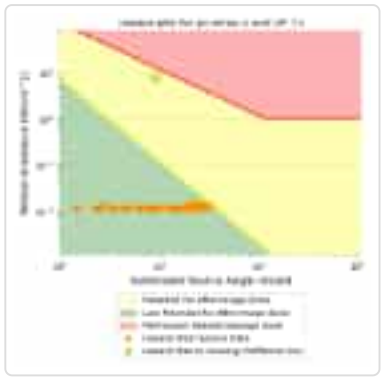
PV array 2: OP 73

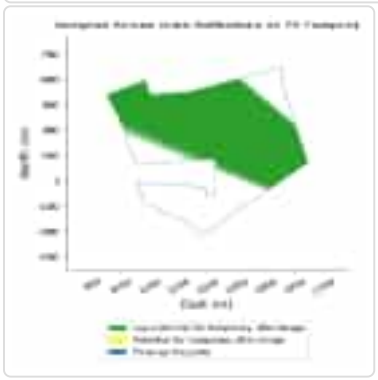
PV array is expected to produce the following glare for this receptor:

- 417 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





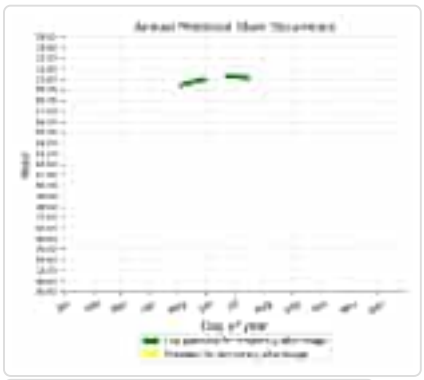


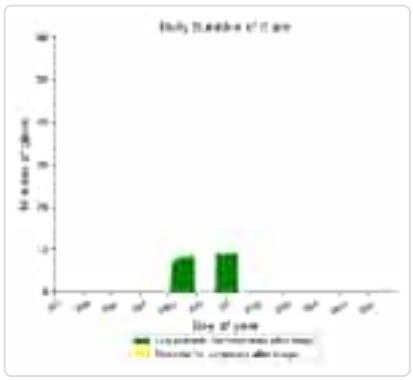


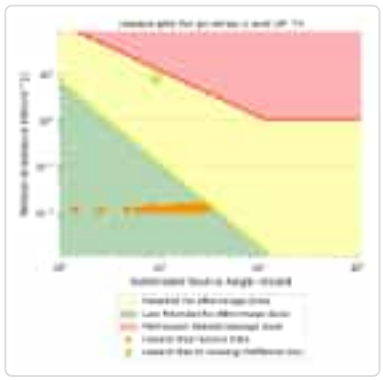
PV array 2: OP 74

PV array is expected to produce the following glare for this receptor:

- 408 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



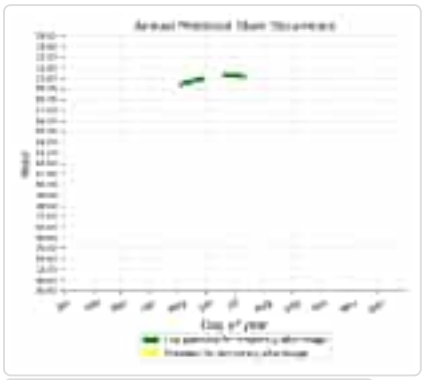


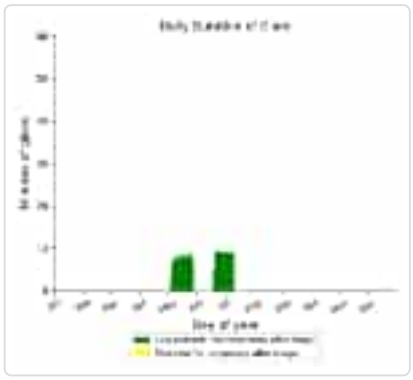


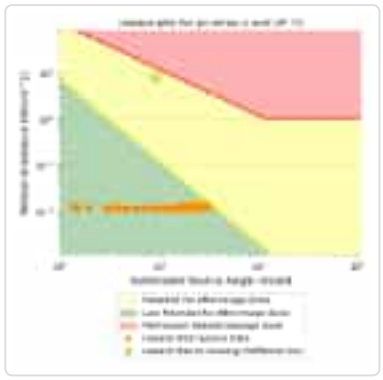
PV array 2: OP 75

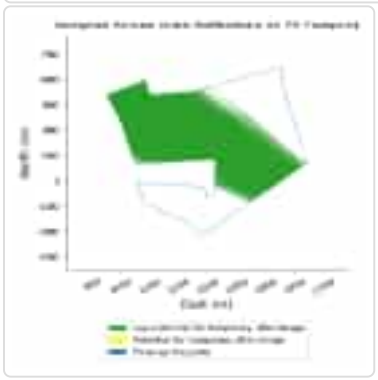
PV array is expected to produce the following glare for this receptor:

- 394 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





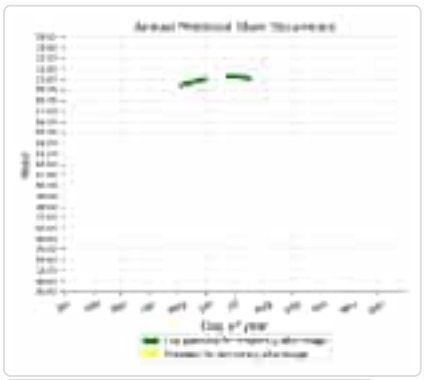


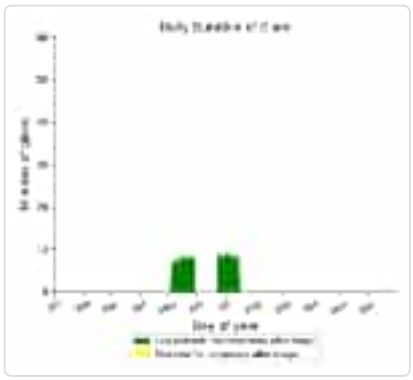


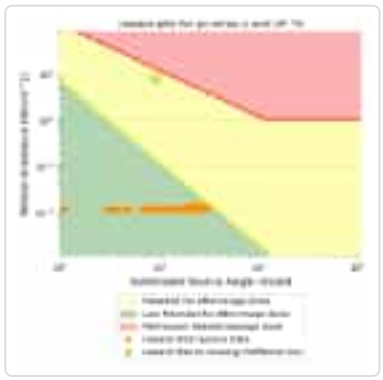
PV array 2: OP 76

PV array is expected to produce the following glare for this receptor:

- 406 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



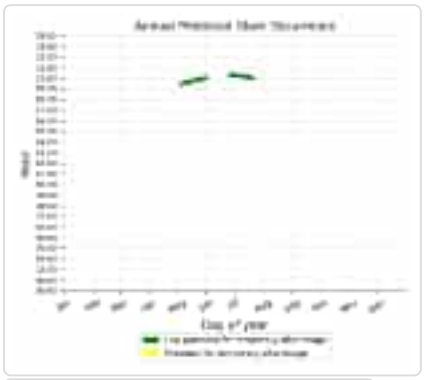


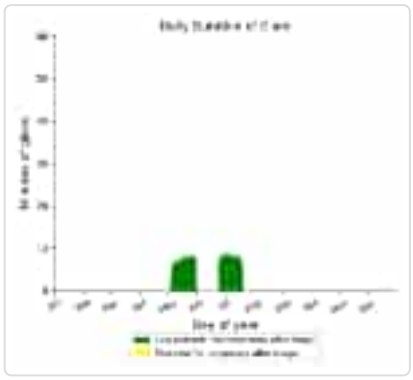


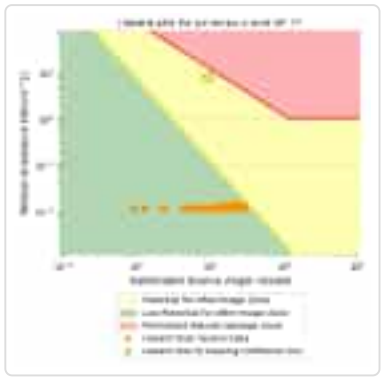
PV array 2: OP 77

PV array is expected to produce the following glare for this receptor:

- 410 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



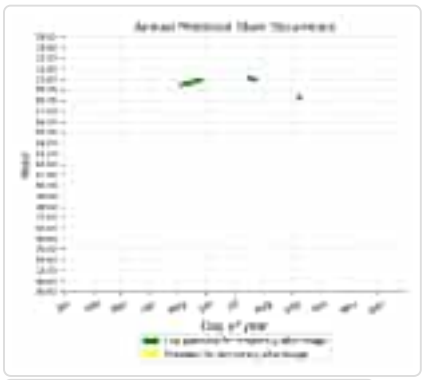


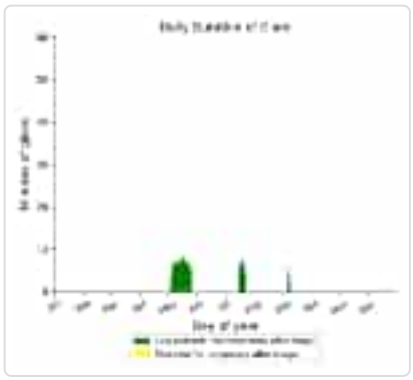


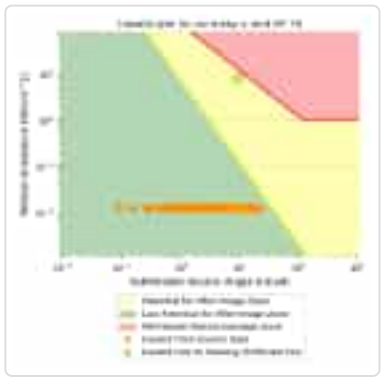
PV array 2: OP 78

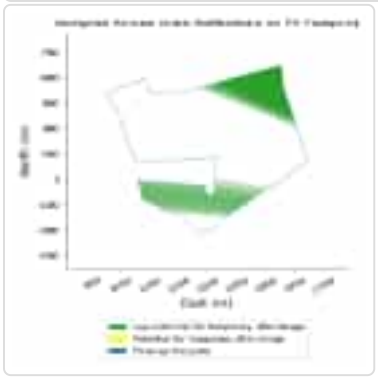
PV array is expected to produce the following glare for this receptor:

- 216 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





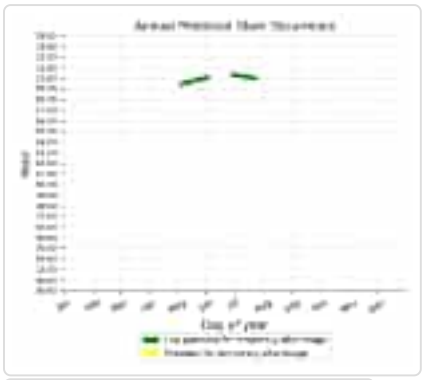


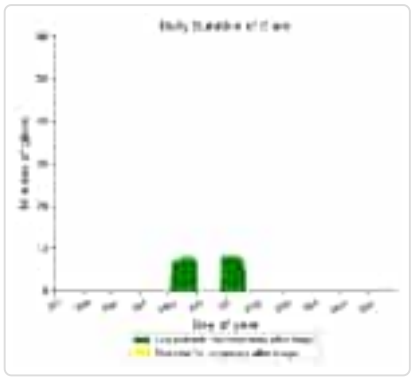


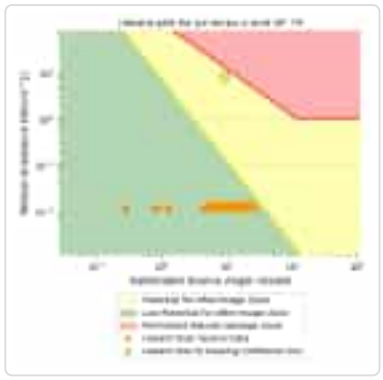
PV array 2: OP 79

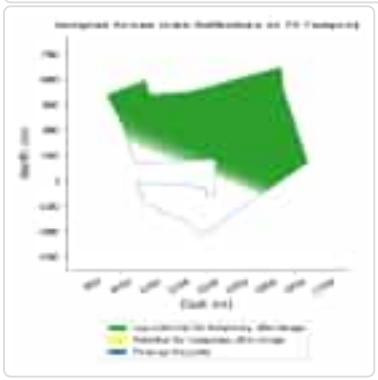
PV array is expected to produce the following glare for this receptor:

- 416 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





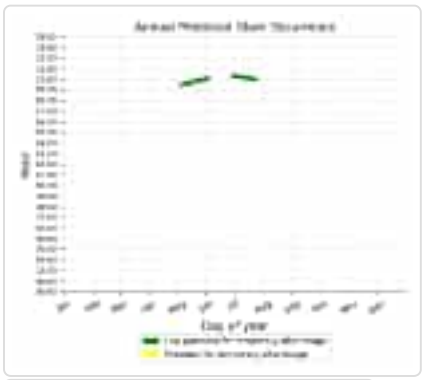


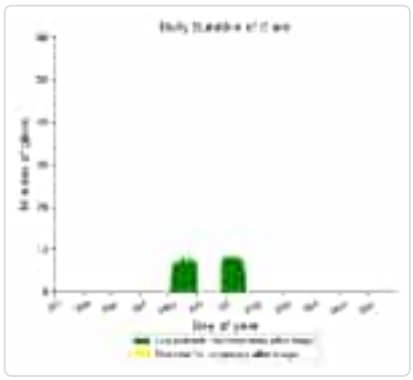


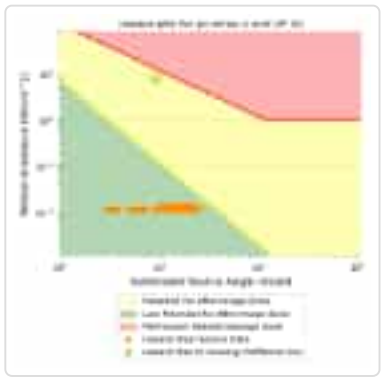
PV array 2: OP 80

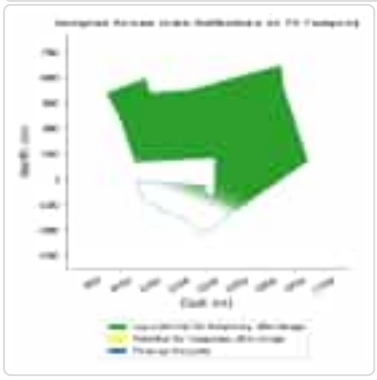
PV array is expected to produce the following glare for this receptor:

- 408 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	30	0
OP: OP 9	29	0
OP: OP 10	27	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	106	0
OP: OP 19	0	0
OP: OP 20	328	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0

OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	188	0
OP: OP 30	604	4
OP: OP 31	533	23
OP: OP 32	562	40
OP: OP 33	552	53
OP: OP 34	559	46
OP: OP 35	0	0
OP: OP 36	32	0
OP: OP 37	37	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

OP: OP 80	0	0

PV array 3: OP 1

No glare found

PV array 3: OP 2

No glare found

PV array 3: OP 3

No glare found

PV array 3: OP 4

No glare found

PV array 3: OP 5

No glare found

PV array 3: OP 6

No glare found

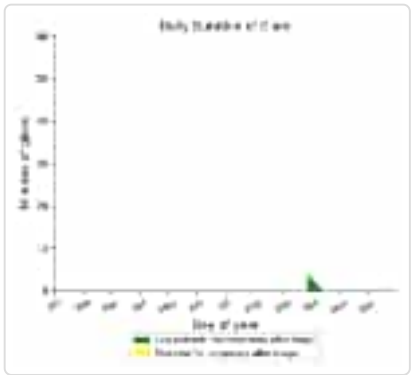
PV array 3: OP 7

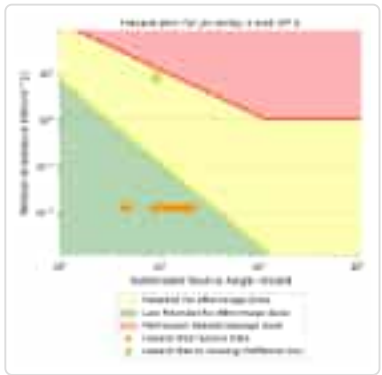
No glare found

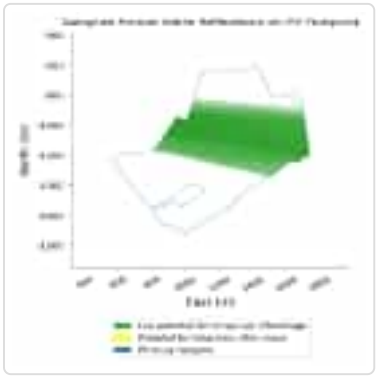
PV array 3: OP 8

PV array is expected to produce the following glare for this receptor:

- 30 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



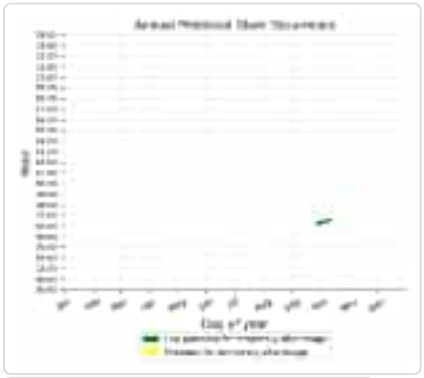


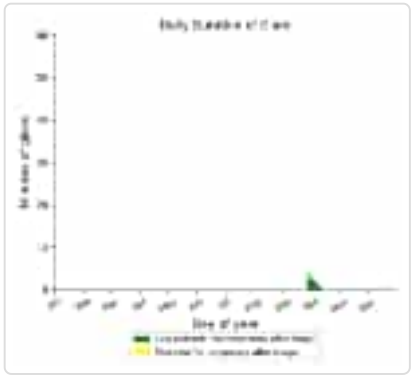


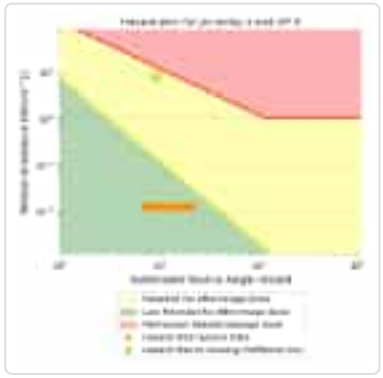
PV array 3: OP 9

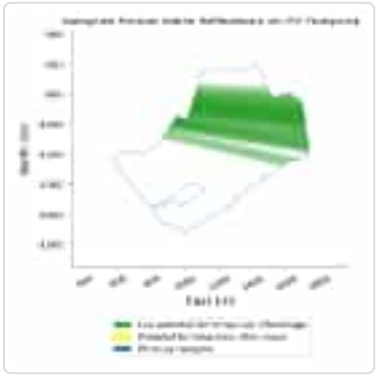
PV array is expected to produce the following glare for this receptor:

- 29 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





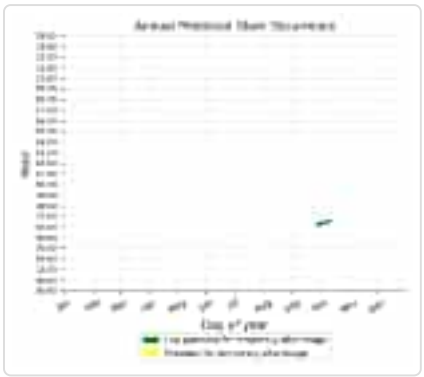


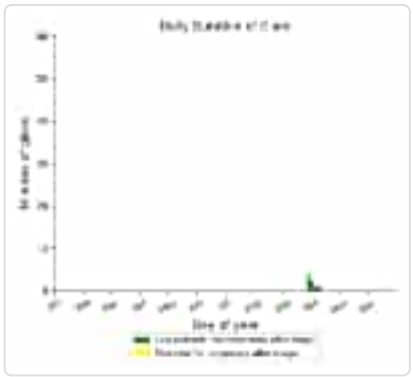


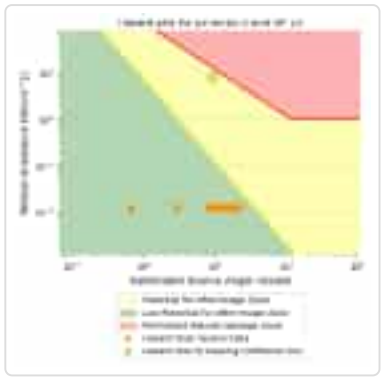
PV array 3: OP 10

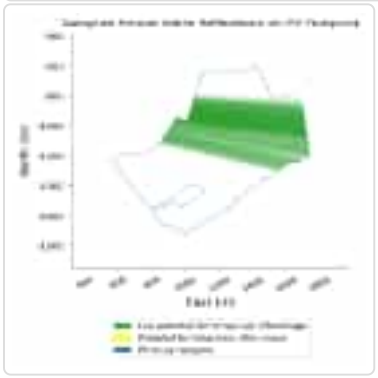
PV array is expected to produce the following glare for this receptor:

- 27 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 11

No glare found

PV array 3: OP 12

No glare found

PV array 3: OP 13

No glare found

PV array 3: OP 14

No glare found

PV array 3: OP 15

No glare found

PV array 3: OP 16

No glare found

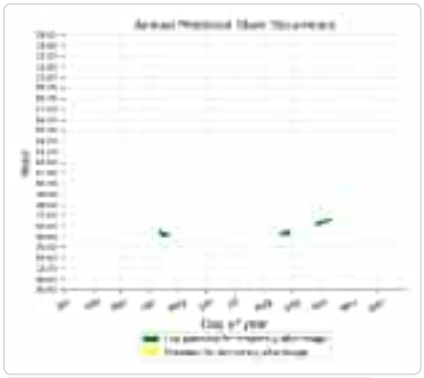
PV array 3: OP 17

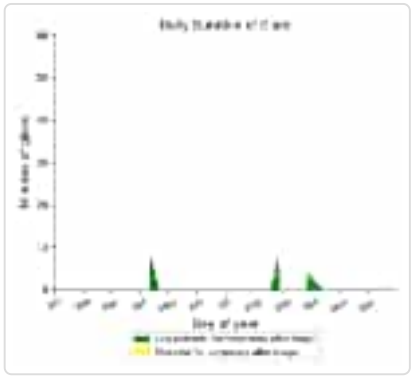
No glare found

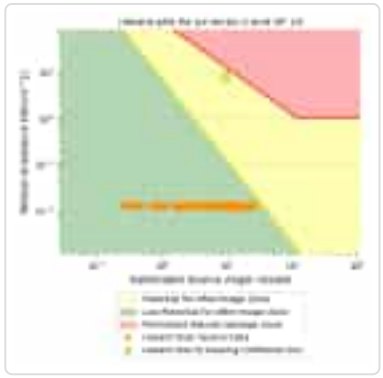
PV array 3: OP 18

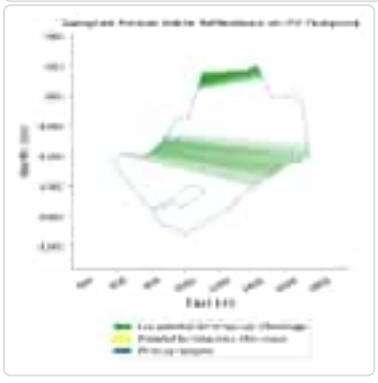
PV array is expected to produce the following glare for this receptor:

- 106 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









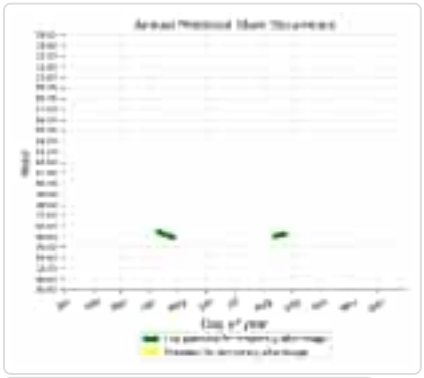
PV array 3: OP 19

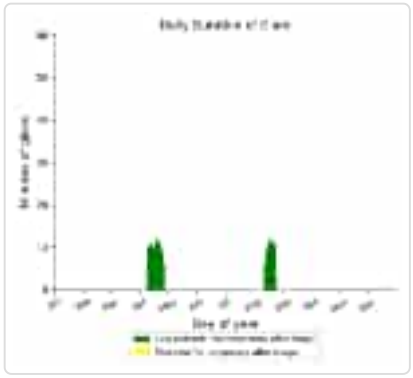
No glare found

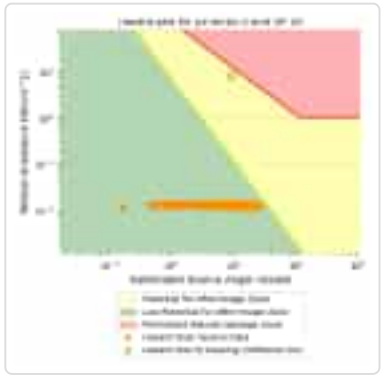
PV array 3: OP 20

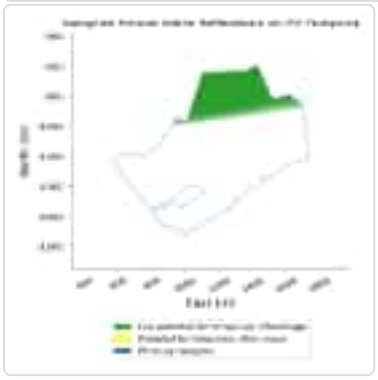
PV array is expected to produce the following glare for this receptor:

- 328 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 21

No glare found

PV array 3: OP 22

No glare found

PV array 3: OP 23

No glare found

PV array 3: OP 24

No glare found

PV array 3: OP 25

No glare found

PV array 3: OP 26

No glare found

PV array 3: OP 27

No glare found

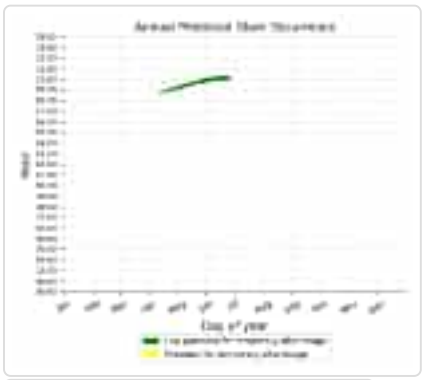
PV array 3: OP 28

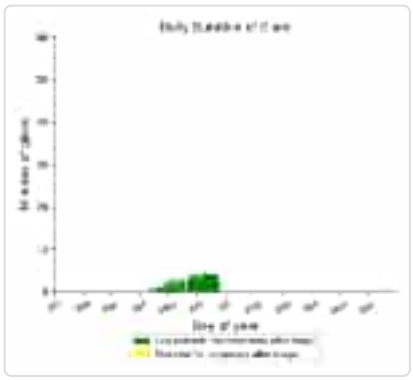
No glare found

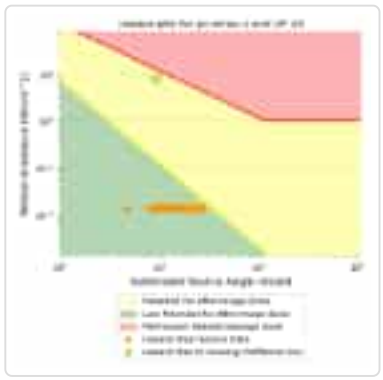
PV array 3: OP 29

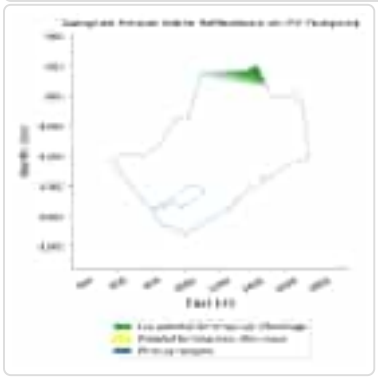
PV array is expected to produce the following glare for this receptor:

- 188 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





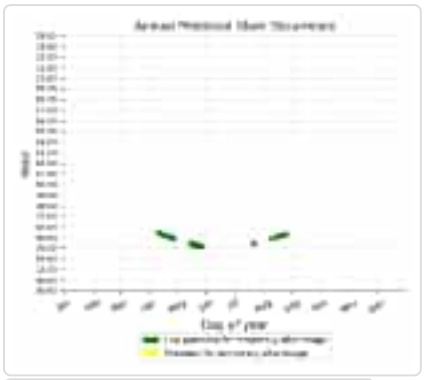


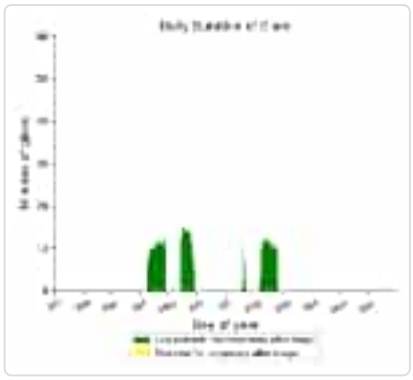


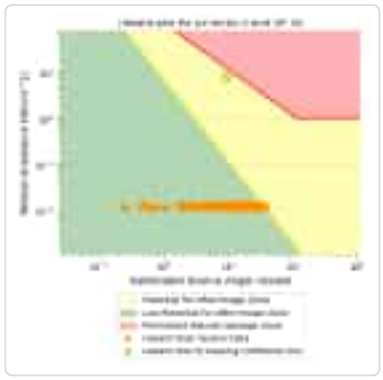
PV array 3: OP 30

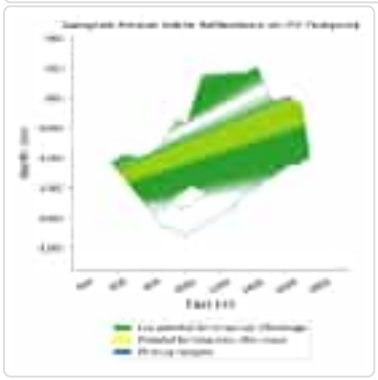
PV array is expected to produce the following glare for this receptor:

- 604 minutes of "green" glare with low potential to cause temporary after-image.
- 4 minutes of "yellow" glare with potential to cause temporary after-image.





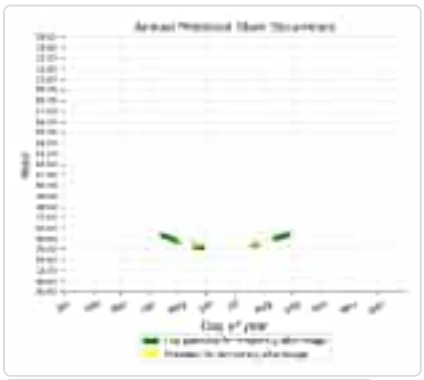


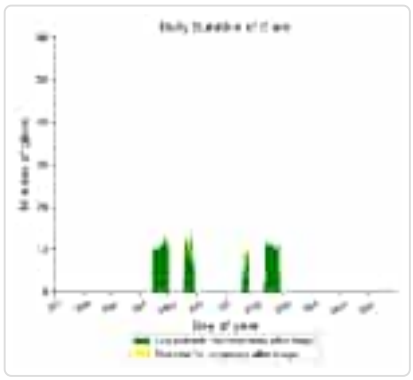


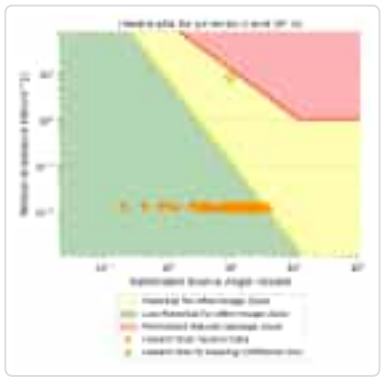
PV array 3: OP 31

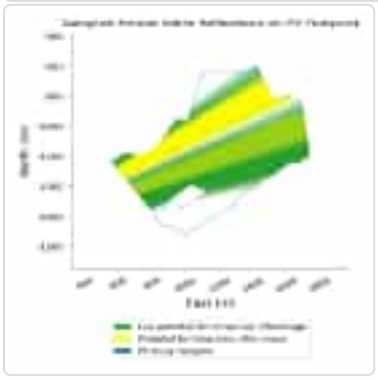
PV array is expected to produce the following glare for this receptor:

- 533 minutes of "green" glare with low potential to cause temporary after-image.
- 23 minutes of "yellow" glare with potential to cause temporary after-image.





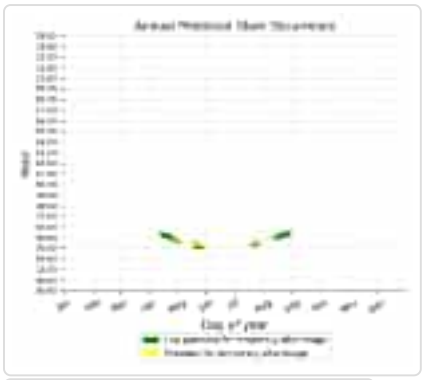


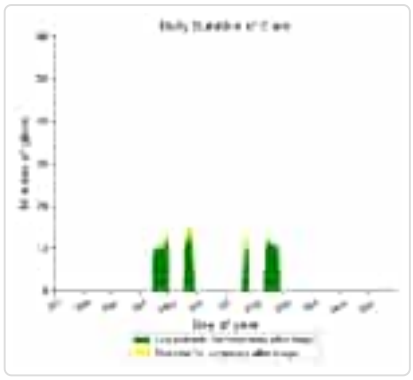


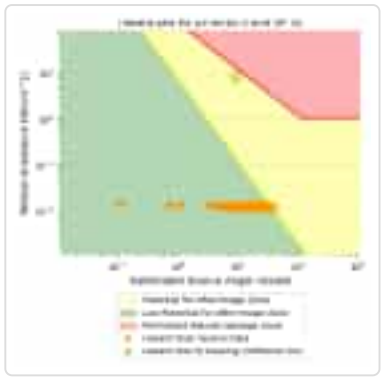
PV array 3: OP 32

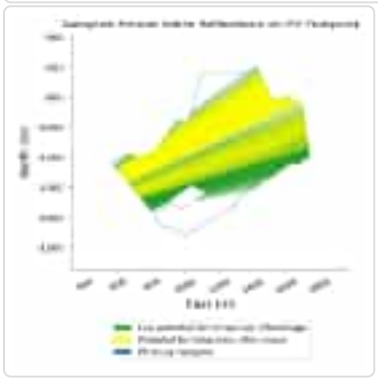
PV array is expected to produce the following glare for this receptor:

- 562 minutes of "green" glare with low potential to cause temporary after-image.
- 40 minutes of "yellow" glare with potential to cause temporary after-image.





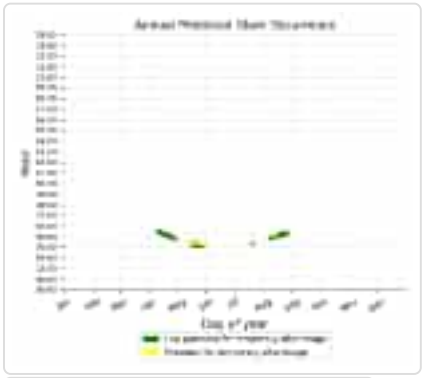


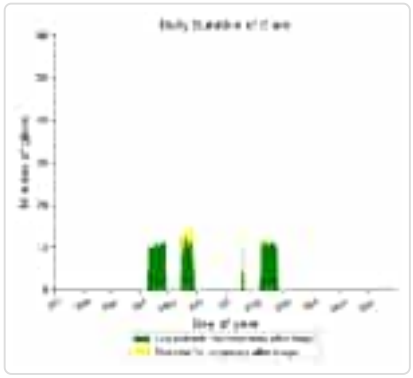


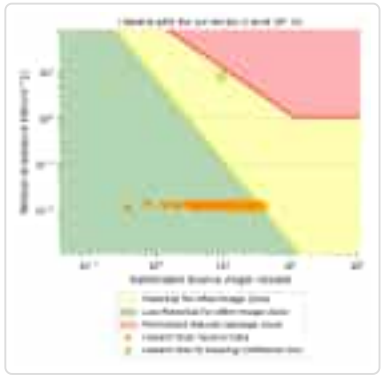
PV array 3: OP 33

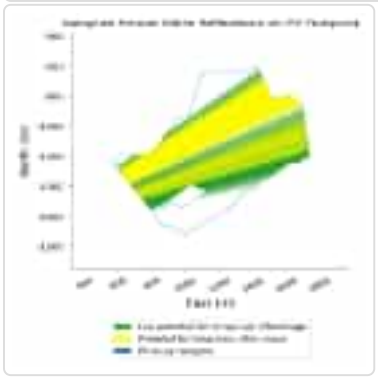
PV array is expected to produce the following glare for this receptor:

- 552 minutes of "green" glare with low potential to cause temporary after-image.
- 53 minutes of "yellow" glare with potential to cause temporary after-image.





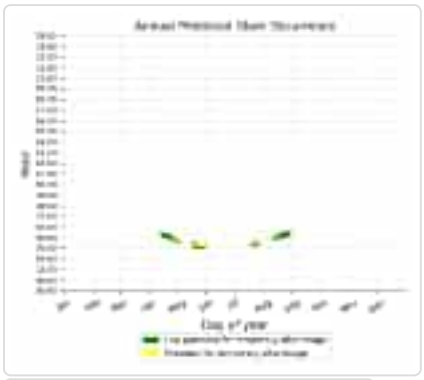


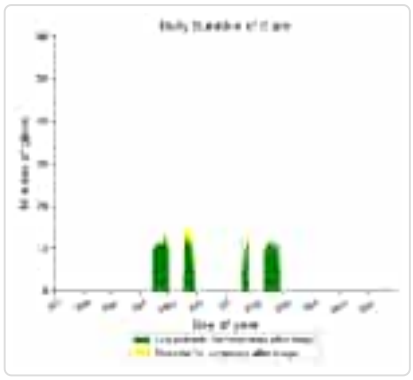


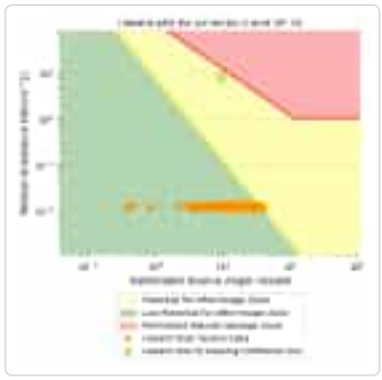
PV array 3: OP 34

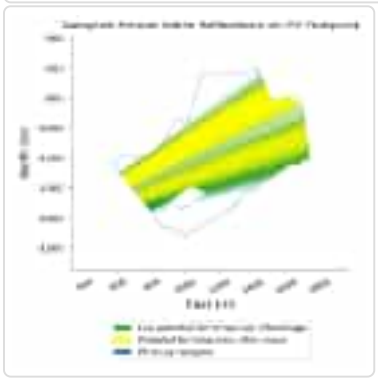
PV array is expected to produce the following glare for this receptor:

- 559 minutes of "green" glare with low potential to cause temporary after-image.
- 46 minutes of "yellow" glare with potential to cause temporary after-image.









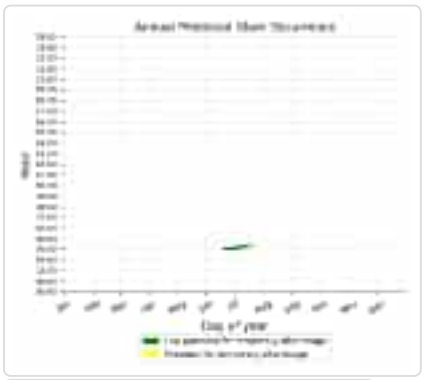
PV array 3: OP 35

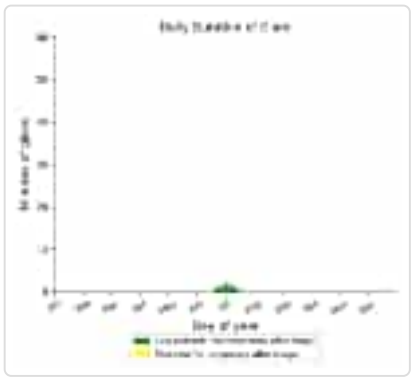
No glare found

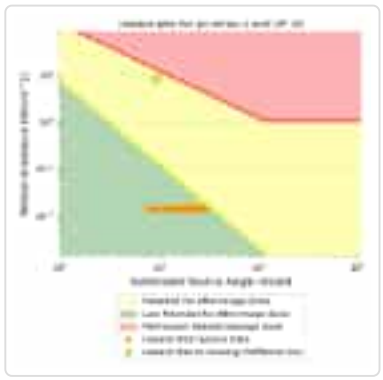
PV array 3: OP 36

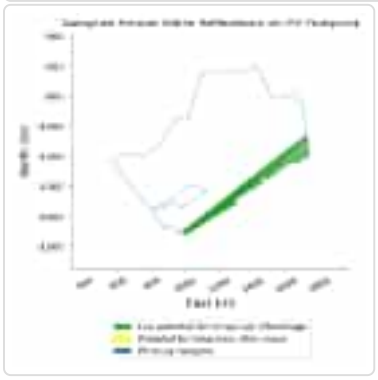
PV array is expected to produce the following glare for this receptor:

- 32 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





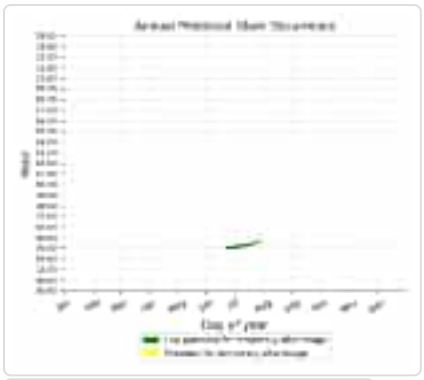


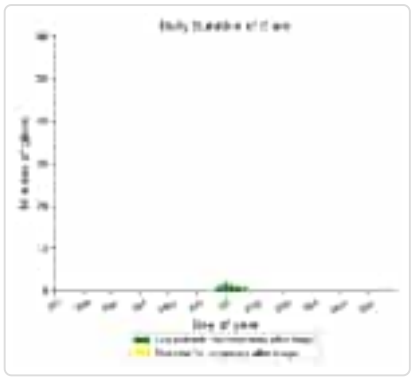


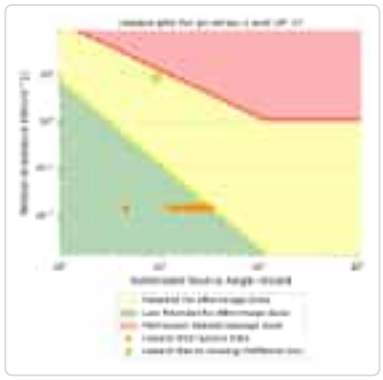
PV array 3: OP 37

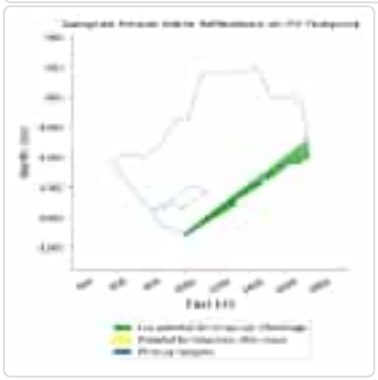
PV array is expected to produce the following glare for this receptor:

- 37 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 38

No glare found

PV array 3: OP 39

No glare found

PV array 3: OP 40

No glare found

PV array 3: OP 41

No glare found

PV array 3: OP 42

No glare found

PV array 3: OP 43

No glare found

PV array 3: OP 44

No glare found

PV array 3: OP 45

No glare found

PV array 3: OP 46

No glare found

PV array 3: OP 47

No glare found

PV array 3: OP 48

No glare found

PV array 3: OP 49

No glare found

PV array 3: OP 50

No glare found

PV array 3: OP 51

No glare found

PV array 3: OP 52

No glare found

PV array 3: OP 53

No glare found

PV array 3: OP 54

No glare found

PV array 3: OP 55

No glare found

PV array 3: OP 56

No glare found

PV array 3: OP 57

No glare found

PV array 3: OP 58

No glare found

PV array 3: OP 59

No glare found

PV array 3: OP 60

No glare found

PV array 3: OP 61

No glare found

PV array 3: OP 62

No glare found

PV array 3: OP 63

No glare found

PV array 3: OP 64

No glare found

PV array 3: OP 65

No glare found

PV array 3: OP 66

No glare found

PV array 3: OP 67

No glare found

PV array 3: OP 68

No glare found

PV array 3: OP 69

No glare found

PV array 3: OP 70

No glare found

PV array 3: OP 71

No glare found

PV array 3: OP 72

No glare found

PV array 3: OP 73

No glare found

PV array 3: OP 74

No glare found

PV array 3: OP 75

No glare found

PV array 3: OP 76

No glare found

PV array 3: OP 77

No glare found

PV array 3: OP 78

No glare found

PV array 3: OP 79

No glare found

PV array 3: OP 80

No glare found

PV array 4 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	133	0
OP: OP 2	146	0
OP: OP 3	0	0
OP: OP 4	133	0
OP: OP 5	125	0
OP: OP 6	138	0
OP: OP 7	733	39
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0

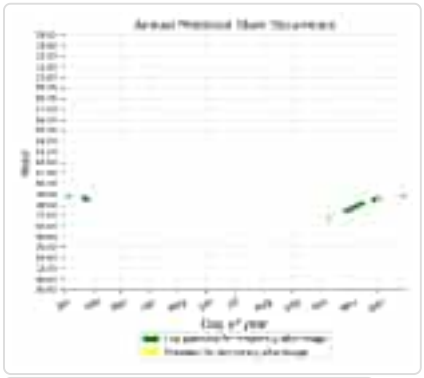
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	412	14
OP: OP 29	218	270
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	1032	249
OP: OP 39	487	327
OP: OP 40	549	44
OP: OP 41	203	56
OP: OP 42	348	0
OP: OP 43	378	157
OP: OP 44	406	118
OP: OP 45	431	202
OP: OP 46	482	179
OP: OP 47	514	196
OP: OP 48	394	0
OP: OP 49	286	0
OP: OP 50	384	3
OP: OP 51	496	75
OP: OP 52	2625	128
OP: OP 53	2548	0
OP: OP 54	2350	117
OP: OP 55	1750	17
OP: OP 56	381	0
OP: OP 57	713	78
OP: OP 58	480	365
OP: OP 59	429	552
OP: OP 60	450	697
OP: OP 61	450	761
OP: OP 62	832	815
OP: OP 63	895	881
OP: OP 64	2506	722
OP: OP 65	3254	242
OP: OP 66	2774	417
OP: OP 67	2709	137
OP: OP 68	436	258
OP: OP 69	440	286
OP: OP 70	509	345
OP: OP 71	1874	0

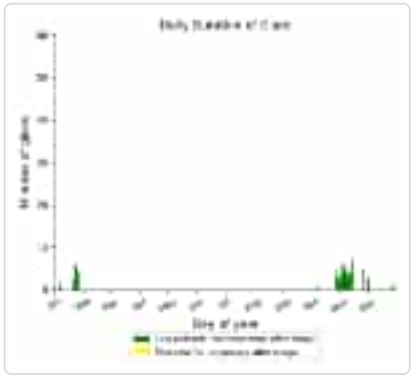
OP: OP 72	138	0
OP: OP 73	97	0
OP: OP 74	67	0
OP: OP 75	44	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	28	0
OP: OP 79	0	0
OP: OP 80	0	0

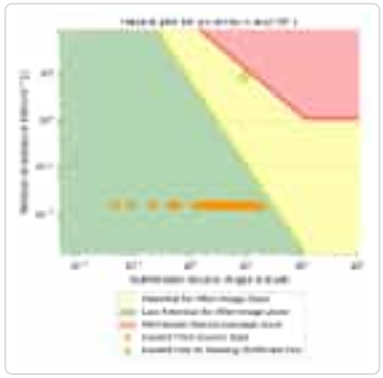
PV array 4: OP 1

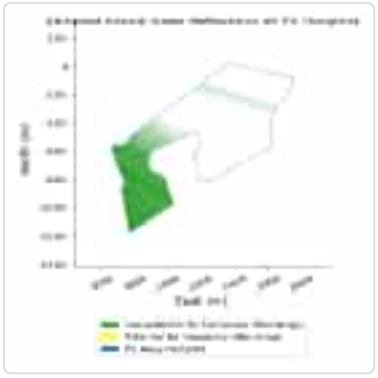
PV array is expected to produce the following glare for this receptor:

- 133 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





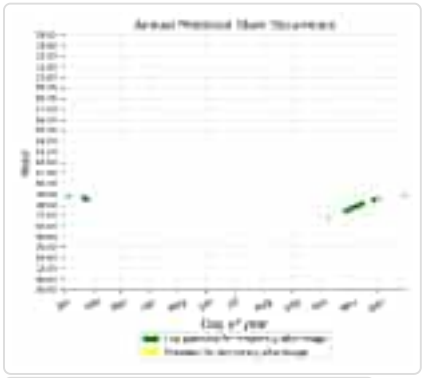


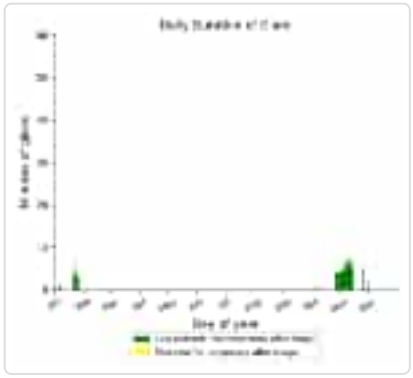


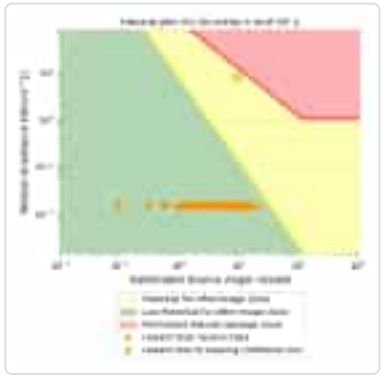
PV array 4: OP 2

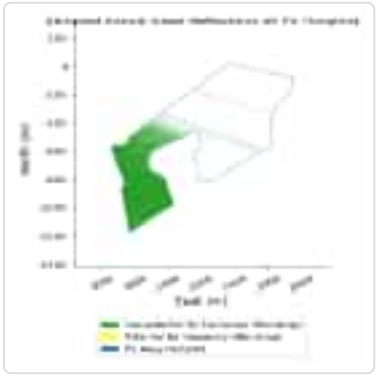
PV array is expected to produce the following glare for this receptor:

- 146 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









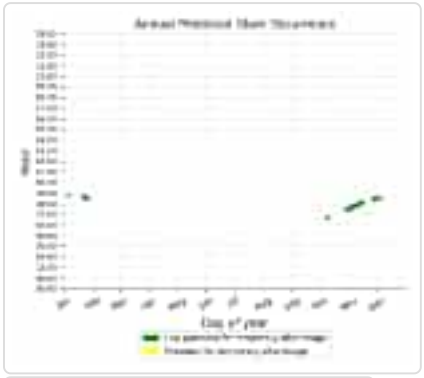
PV array 4: OP 3

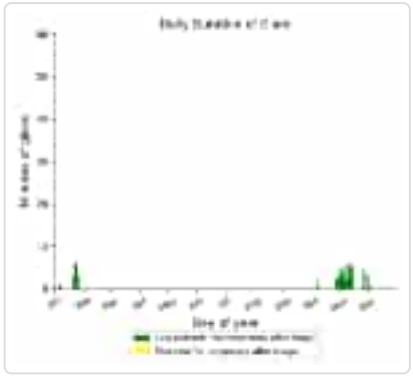
No glare found

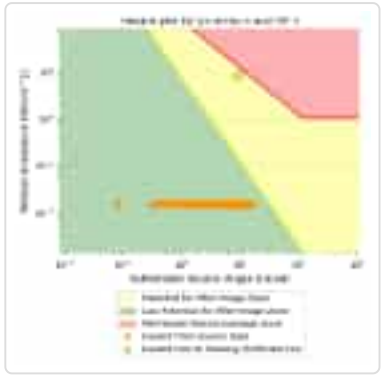
PV array 4: OP 4

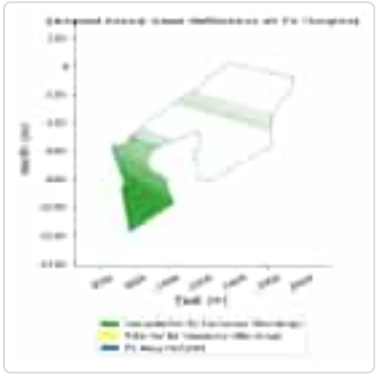
PV array is expected to produce the following glare for this receptor:

- 133 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





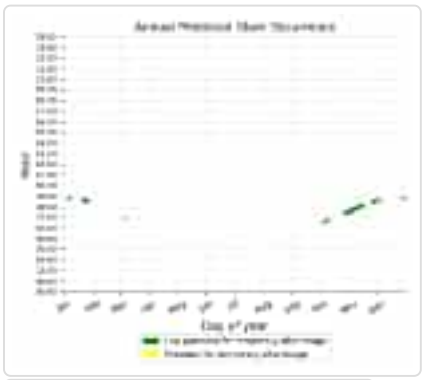


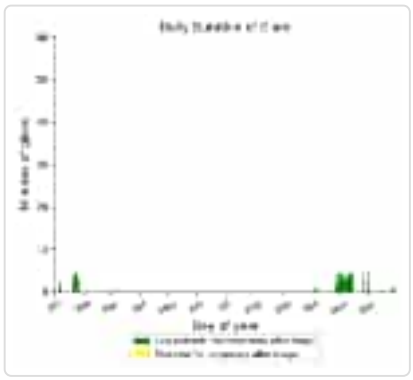


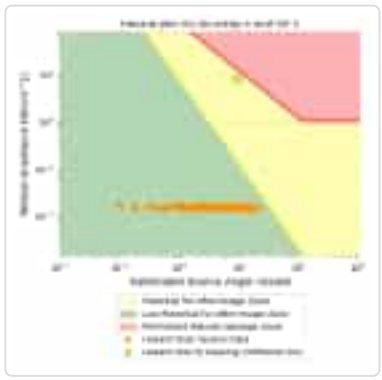
PV array 4: OP 5

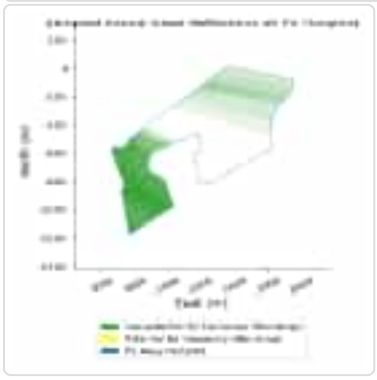
PV array is expected to produce the following glare for this receptor:

- 125 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





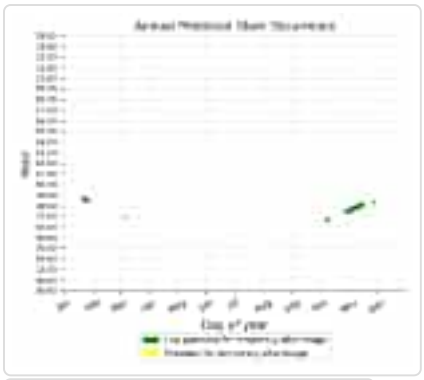


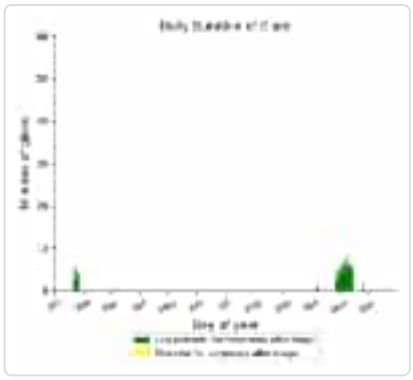


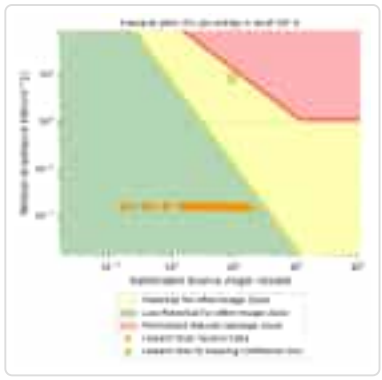
PV array 4: OP 6

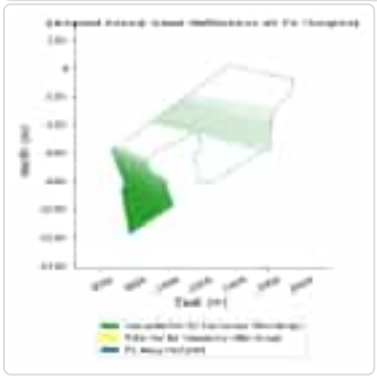
PV array is expected to produce the following glare for this receptor:

- 138 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





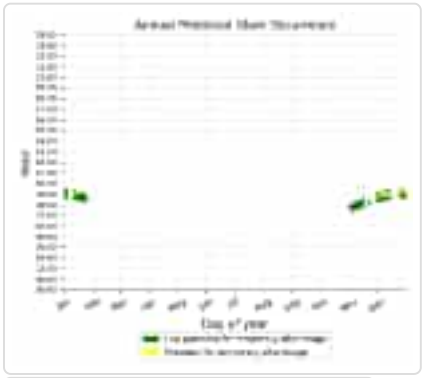


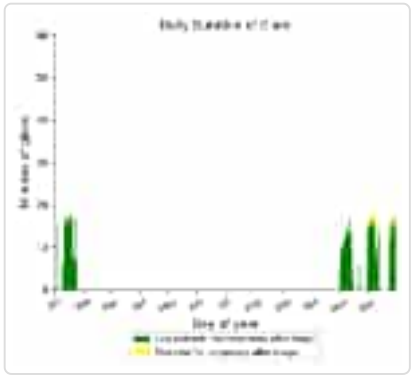


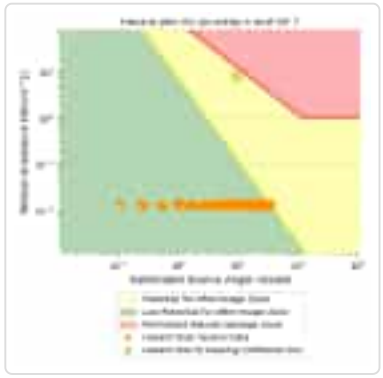
PV array 4: OP 7

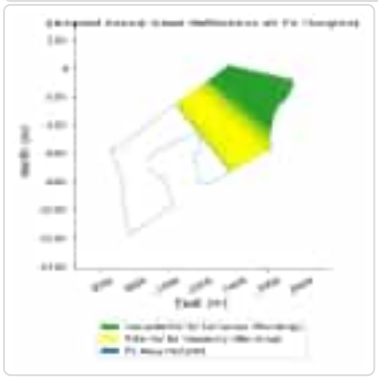
PV array is expected to produce the following glare for this receptor:

- 733 minutes of "green" glare with low potential to cause temporary after-image.
- 39 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 8

No glare found

PV array 4: OP 9

No glare found

PV array 4: OP 10

No glare found

PV array 4: OP 11

No glare found

PV array 4: OP 12

No glare found

PV array 4: OP 13

No glare found

PV array 4: OP 14

No glare found

PV array 4: OP 15

No glare found

PV array 4: OP 16

No glare found

PV array 4: OP 17

No glare found

PV array 4: OP 18

No glare found

PV array 4: OP 19

No glare found

PV array 4: OP 20

No glare found

PV array 4: OP 21

No glare found

PV array 4: OP 22

No glare found

PV array 4: OP 23

No glare found

PV array 4: OP 24

No glare found

PV array 4: OP 25

No glare found

PV array 4: OP 26

No glare found

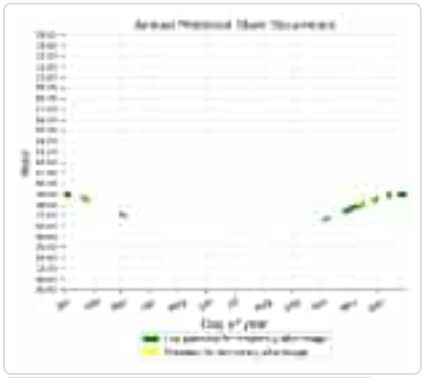
PV array 4: OP 27

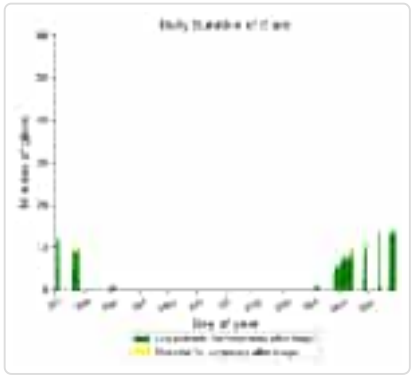
No glare found

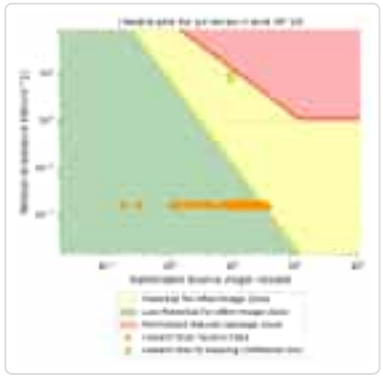
PV array 4: OP 28

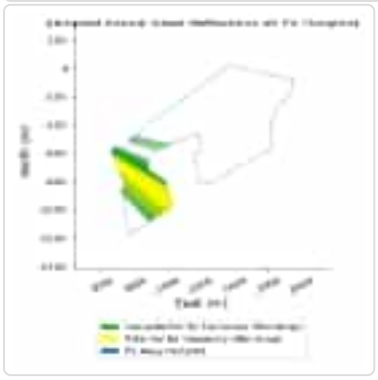
PV array is expected to produce the following glare for this receptor:

- 412 minutes of "green" glare with low potential to cause temporary after-image.
- 14 minutes of "yellow" glare with potential to cause temporary after-image.





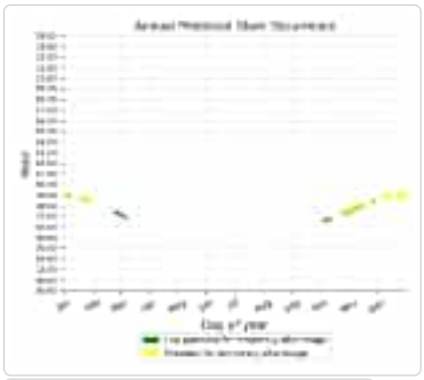


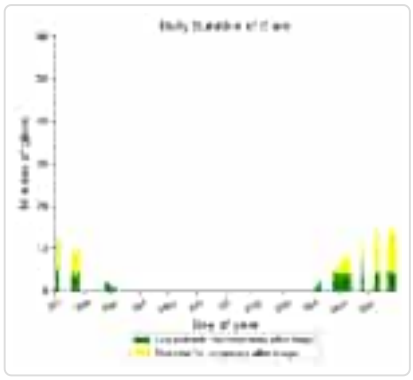


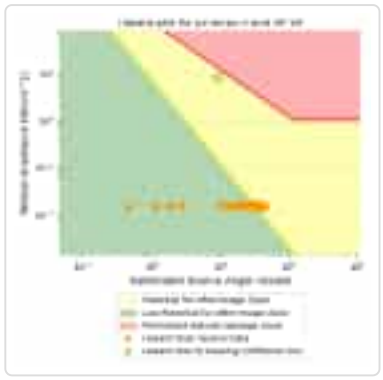
PV array 4: OP 29

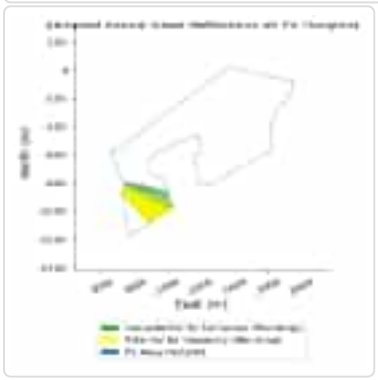
PV array is expected to produce the following glare for this receptor:

- 218 minutes of "green" glare with low potential to cause temporary after-image.
- 270 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 30

No glare found

PV array 4: OP 31

No glare found

PV array 4: OP 32

No glare found

PV array 4: OP 33

No glare found

PV array 4: OP 34

No glare found

PV array 4: OP 35

No glare found

PV array 4: OP 36

No glare found

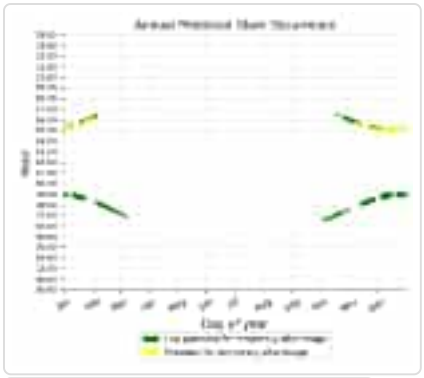
PV array 4: OP 37

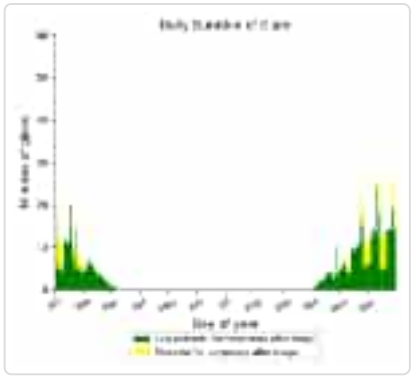
No glare found

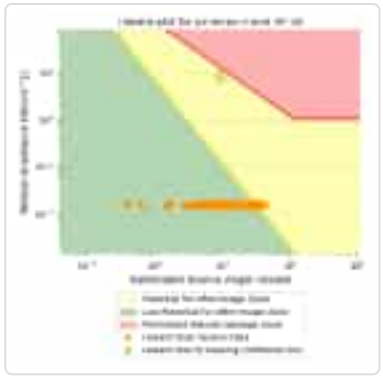
PV array 4: OP 38

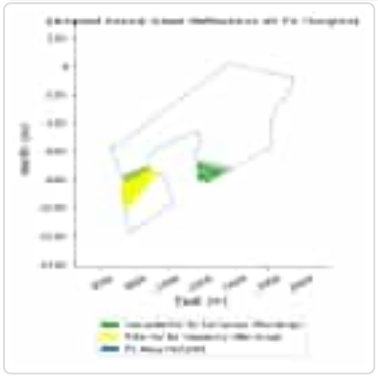
PV array is expected to produce the following glare for this receptor:

- 1,032 minutes of "green" glare with low potential to cause temporary after-image.
- 249 minutes of "yellow" glare with potential to cause temporary after-image.





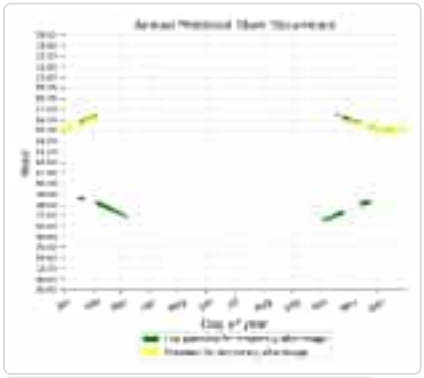


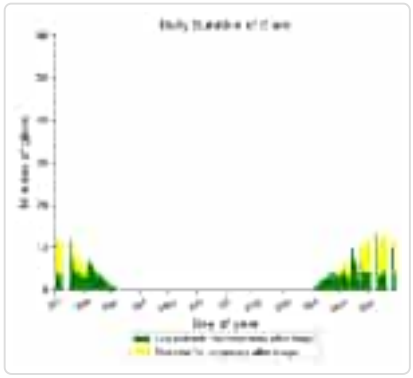


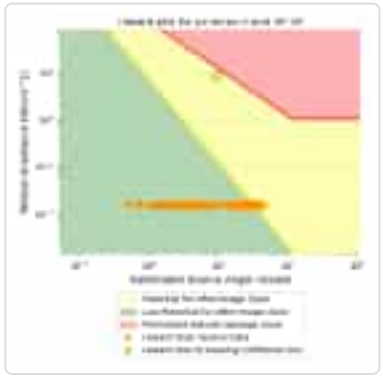
PV array 4: OP 39

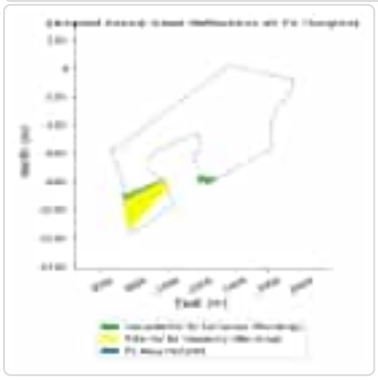
PV array is expected to produce the following glare for this receptor:

- 487 minutes of "green" glare with low potential to cause temporary after-image.
- 327 minutes of "yellow" glare with potential to cause temporary after-image.





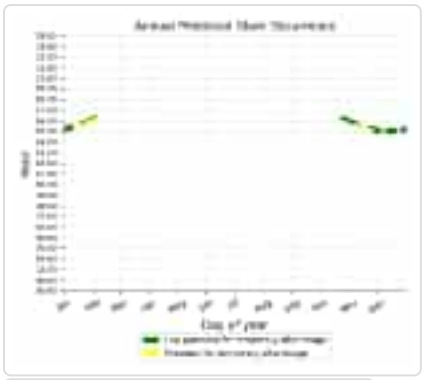


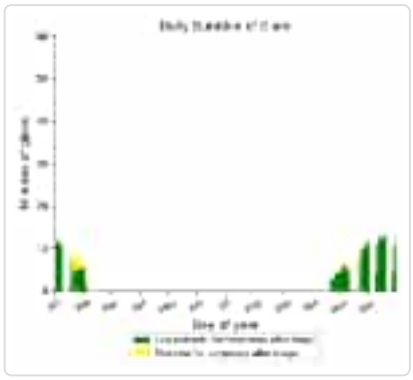


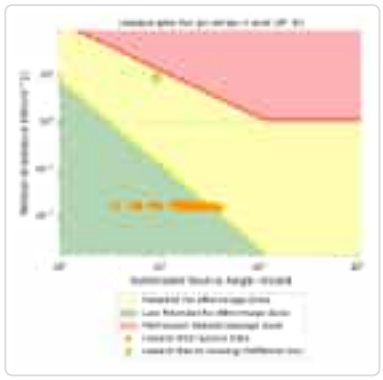
PV array 4: OP 40

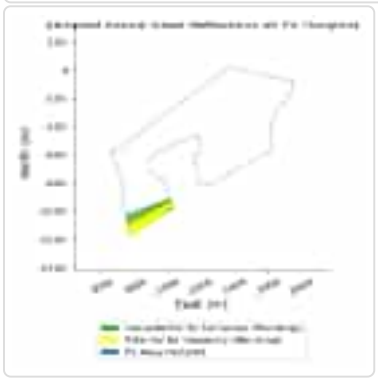
PV array is expected to produce the following glare for this receptor:

- 549 minutes of "green" glare with low potential to cause temporary after-image.
- 44 minutes of "yellow" glare with potential to cause temporary after-image.





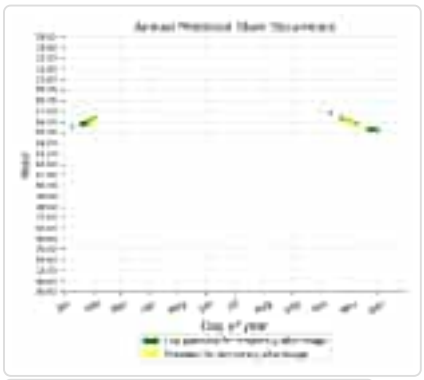


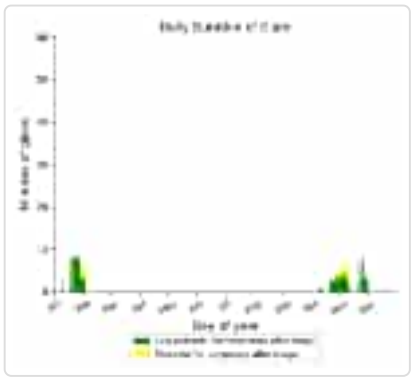


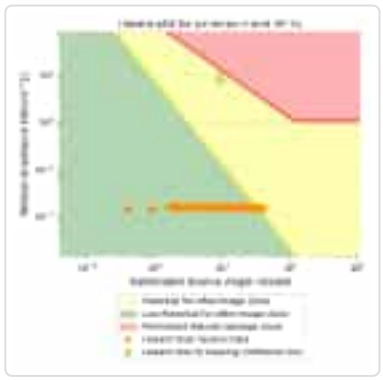
PV array 4: OP 41

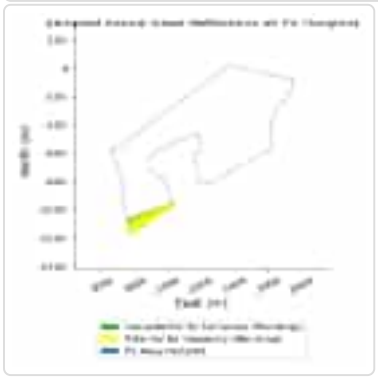
PV array is expected to produce the following glare for this receptor:

- 203 minutes of "green" glare with low potential to cause temporary after-image.
- 56 minutes of "yellow" glare with potential to cause temporary after-image.





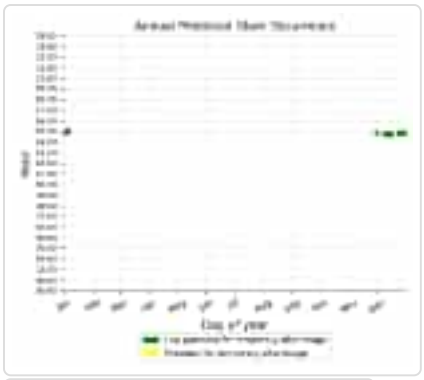


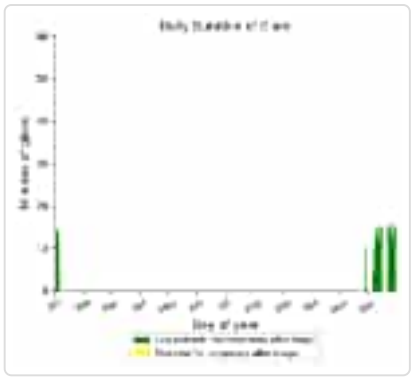


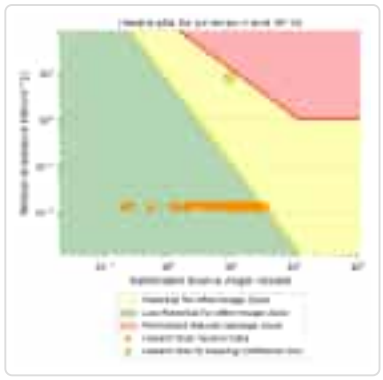
PV array 4: OP 42

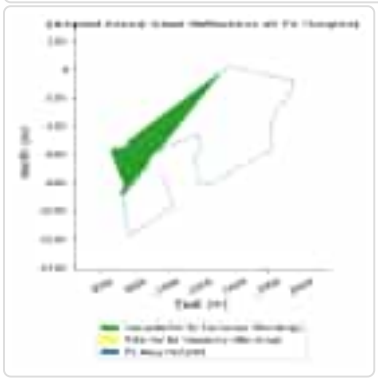
PV array is expected to produce the following glare for this receptor:

- 348 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





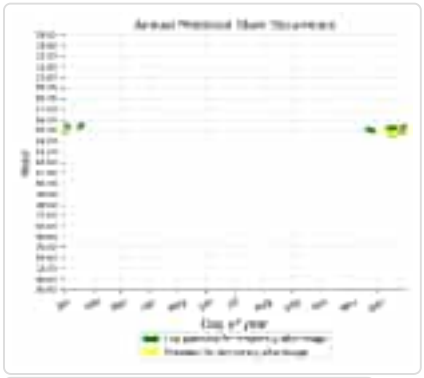


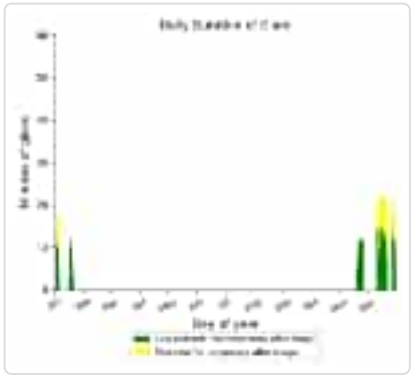


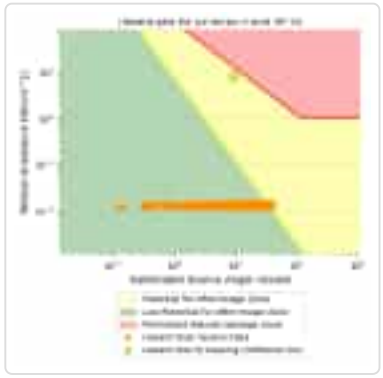
PV array 4: OP 43

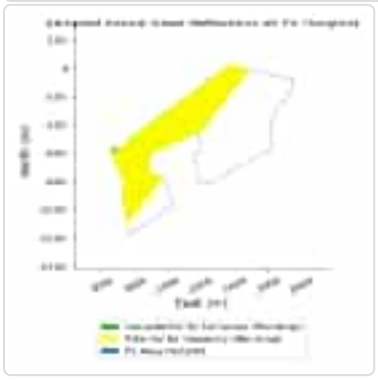
PV array is expected to produce the following glare for this receptor:

- 378 minutes of "green" glare with low potential to cause temporary after-image.
- 157 minutes of "yellow" glare with potential to cause temporary after-image.





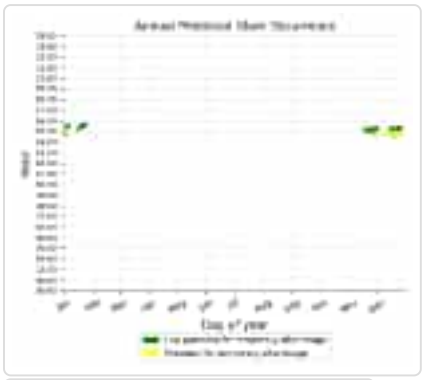


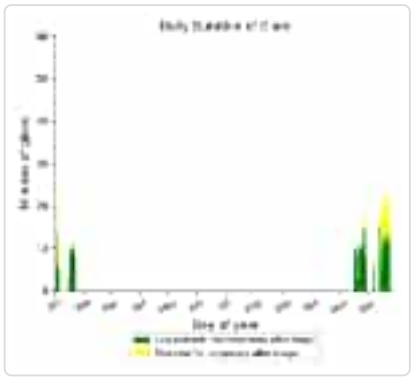


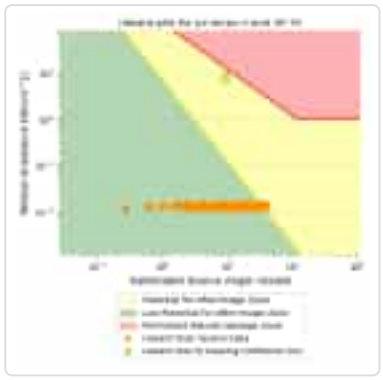
PV array 4: OP 44

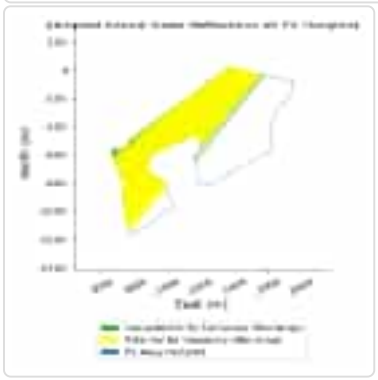
PV array is expected to produce the following glare for this receptor:

- 406 minutes of "green" glare with low potential to cause temporary after-image.
- 118 minutes of "yellow" glare with potential to cause temporary after-image.





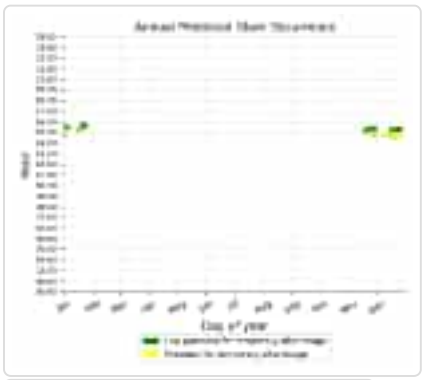


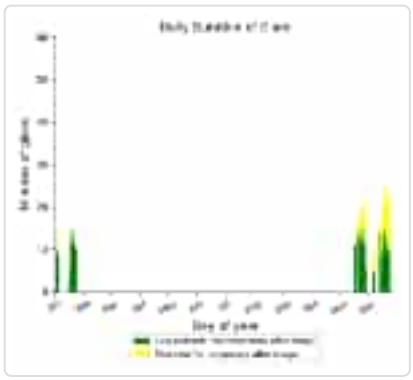


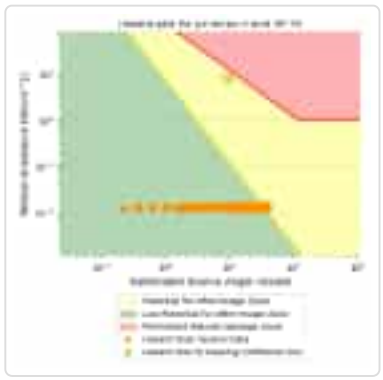
PV array 4: OP 45

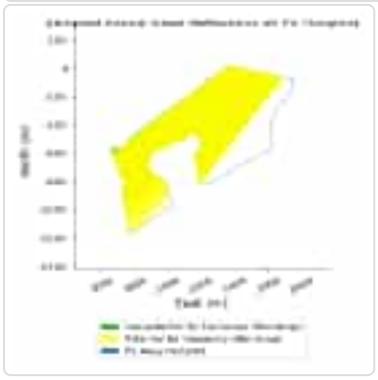
PV array is expected to produce the following glare for this receptor:

- 431 minutes of "green" glare with low potential to cause temporary after-image.
- 202 minutes of "yellow" glare with potential to cause temporary after-image.





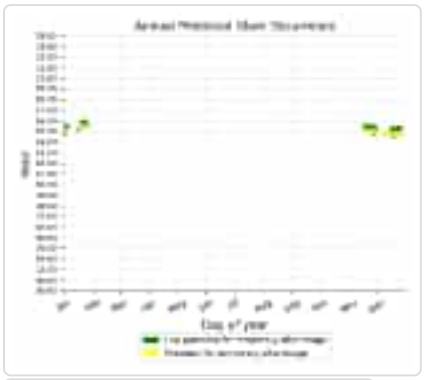


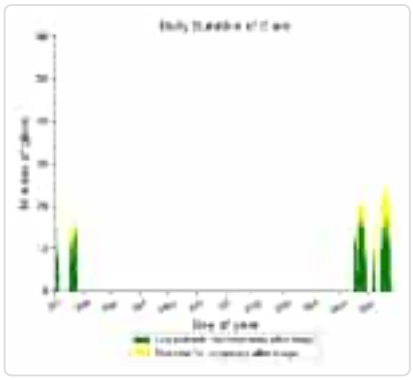


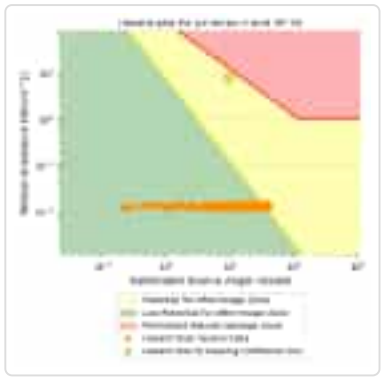
PV array 4: OP 46

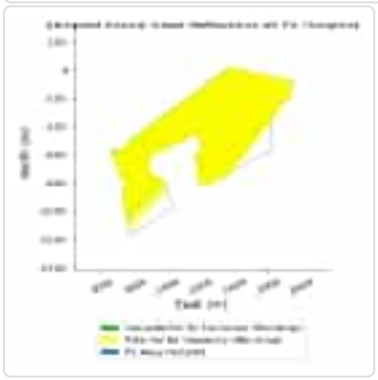
PV array is expected to produce the following glare for this receptor:

- 482 minutes of "green" glare with low potential to cause temporary after-image.
- 179 minutes of "yellow" glare with potential to cause temporary after-image.





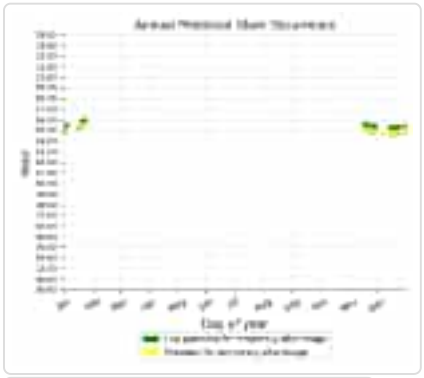


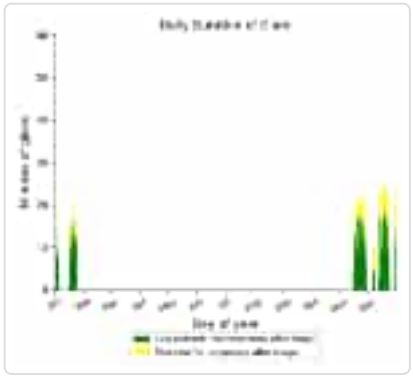


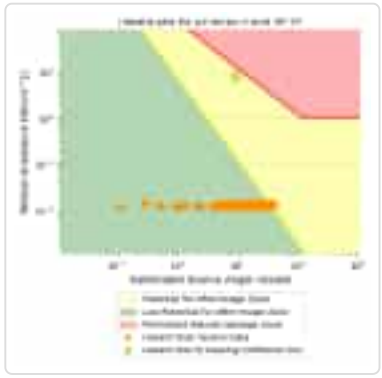
PV array 4: OP 47

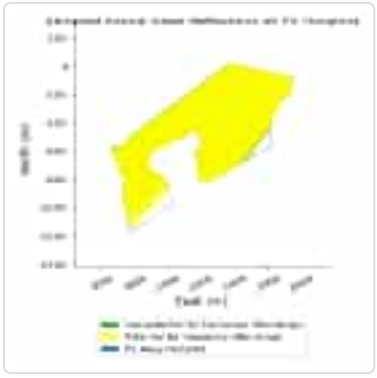
PV array is expected to produce the following glare for this receptor:

- 514 minutes of "green" glare with low potential to cause temporary after-image.
- 196 minutes of "yellow" glare with potential to cause temporary after-image.





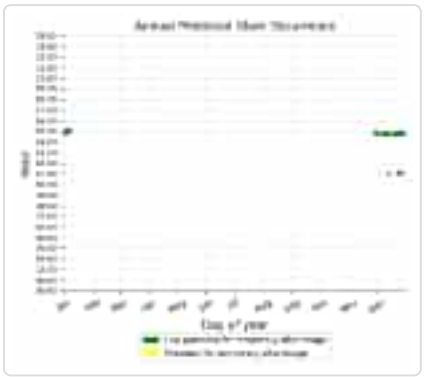


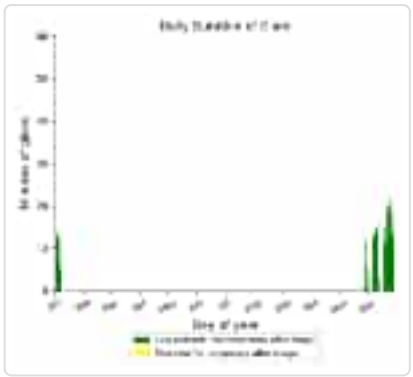


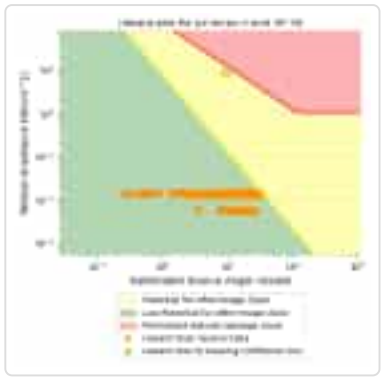
PV array 4: OP 48

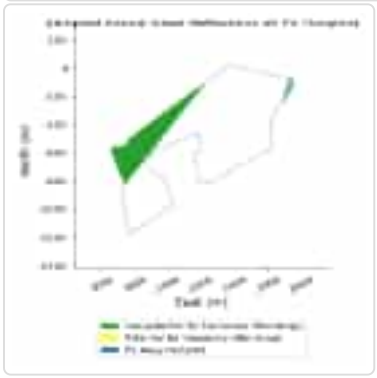
PV array is expected to produce the following glare for this receptor:

- 394 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





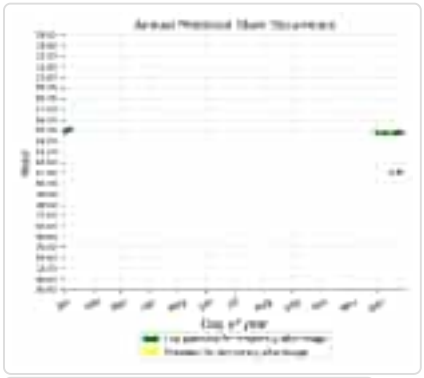


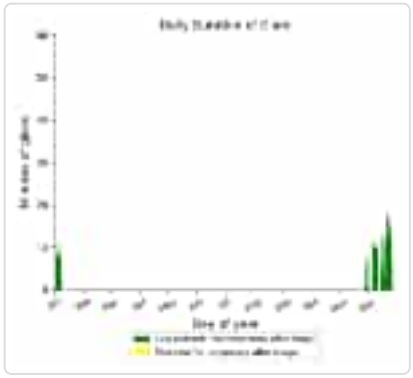


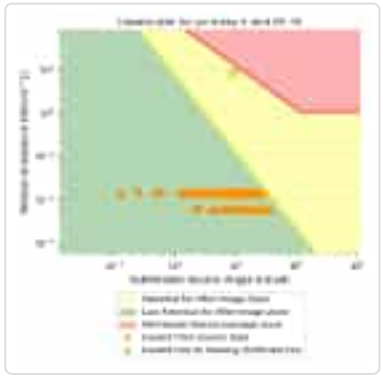
PV array 4: OP 49

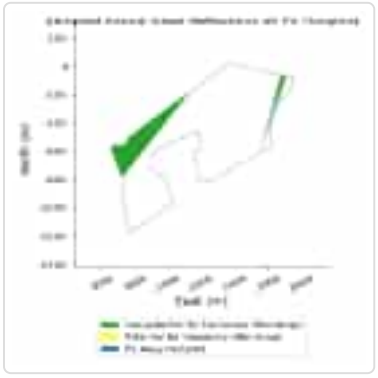
PV array is expected to produce the following glare for this receptor:

- 286 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





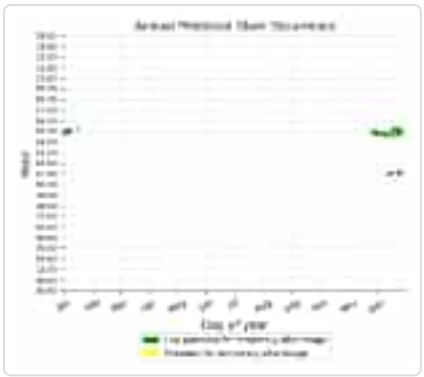


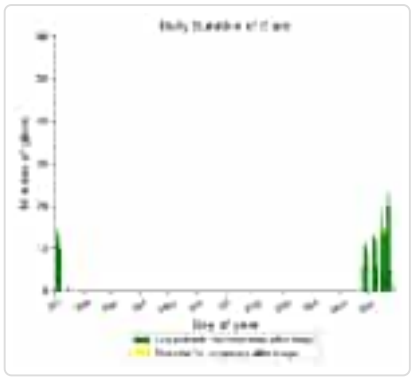


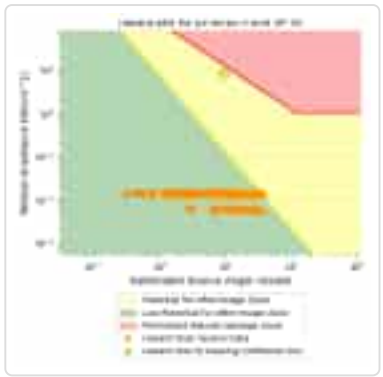
PV array 4: OP 50

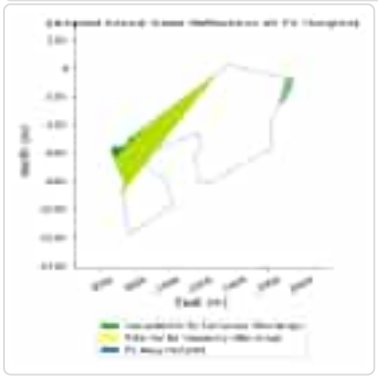
PV array is expected to produce the following glare for this receptor:

- 384 minutes of "green" glare with low potential to cause temporary after-image.
- 3 minutes of "yellow" glare with potential to cause temporary after-image.





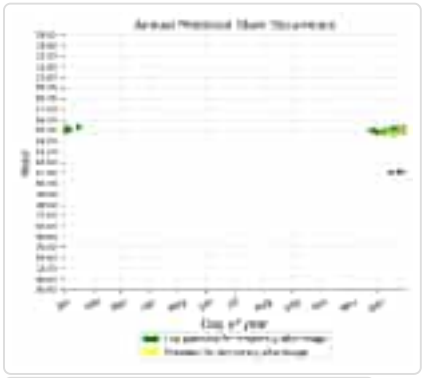


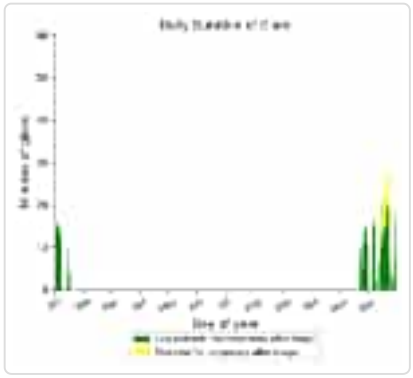


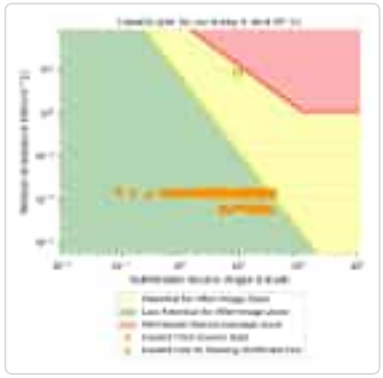
PV array 4: OP 51

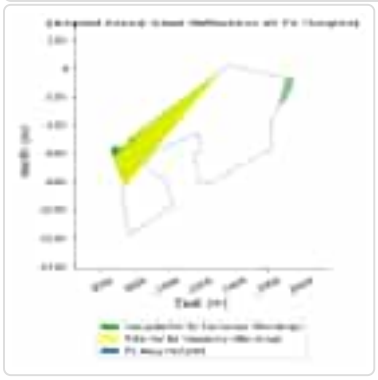
PV array is expected to produce the following glare for this receptor:

- 496 minutes of "green" glare with low potential to cause temporary after-image.
- 75 minutes of "yellow" glare with potential to cause temporary after-image.





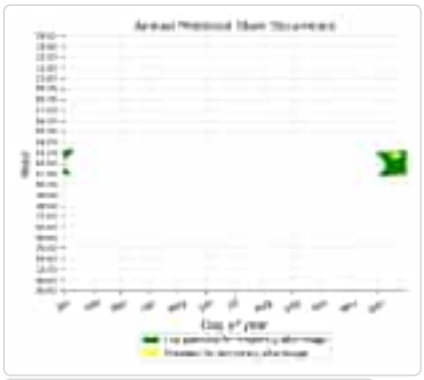


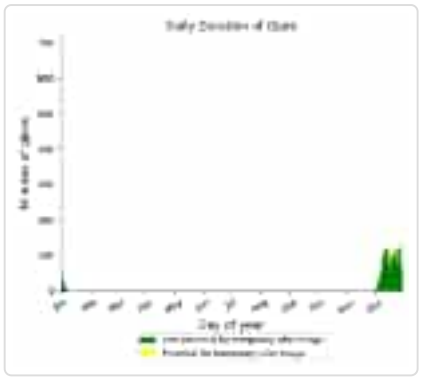


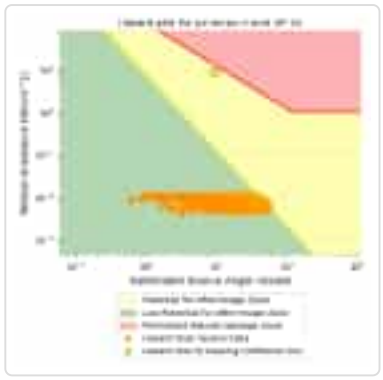
PV array 4: OP 52

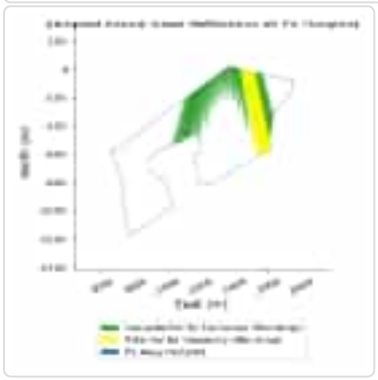
PV array is expected to produce the following glare for this receptor:

- 2,625 minutes of "green" glare with low potential to cause temporary after-image.
- 128 minutes of "yellow" glare with potential to cause temporary after-image.





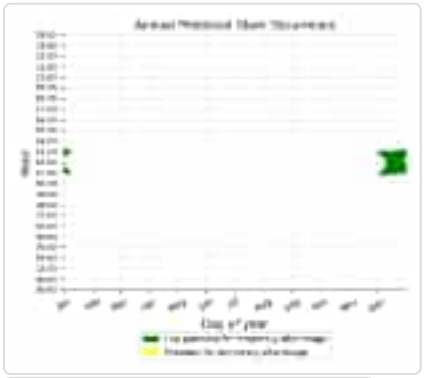


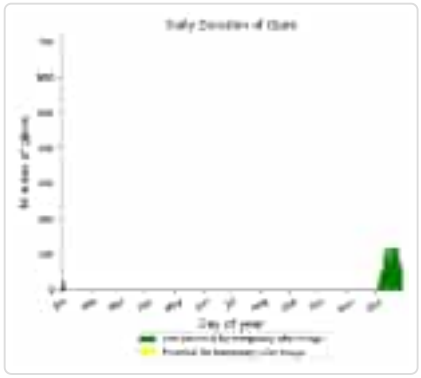


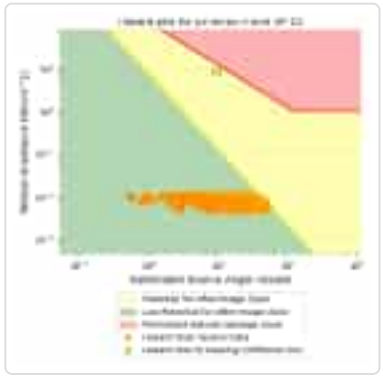
PV array 4: OP 53

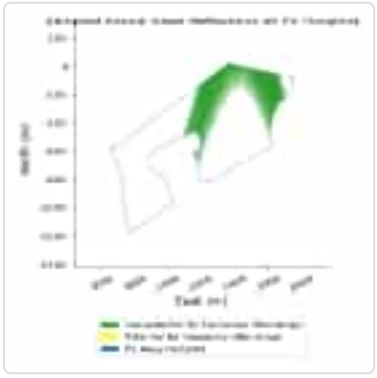
PV array is expected to produce the following glare for this receptor:

- 2,548 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





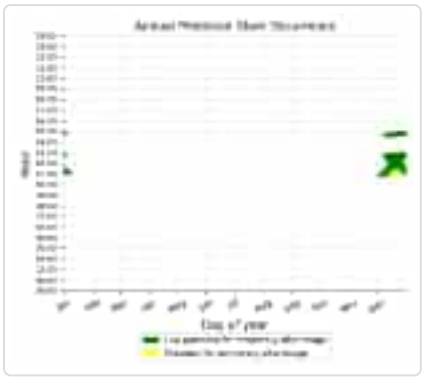


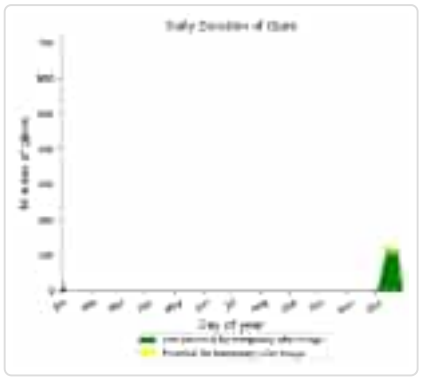


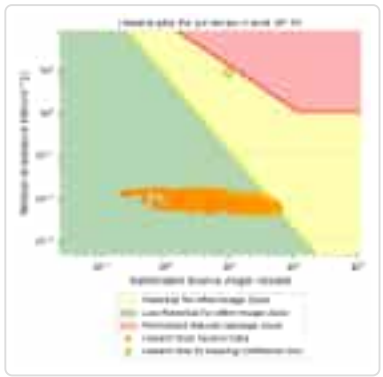
PV array 4: OP 54

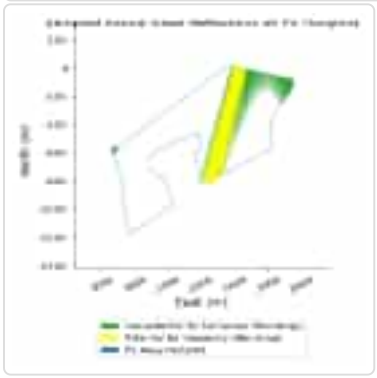
PV array is expected to produce the following glare for this receptor:

- 2,350 minutes of "green" glare with low potential to cause temporary after-image.
- 117 minutes of "yellow" glare with potential to cause temporary after-image.





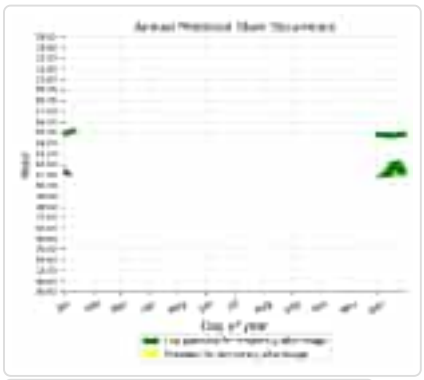


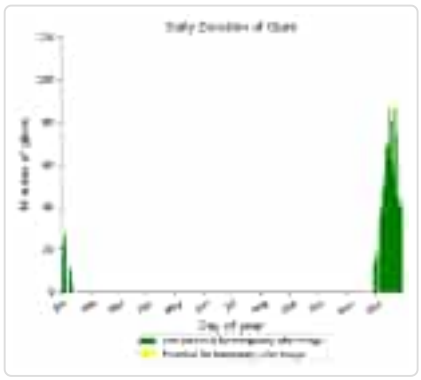


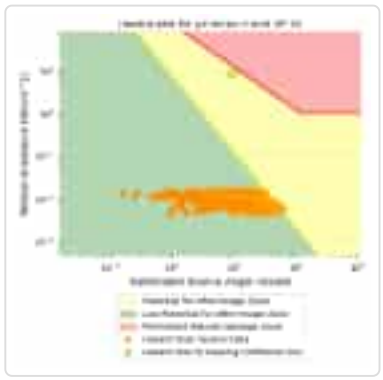
PV array 4: OP 55

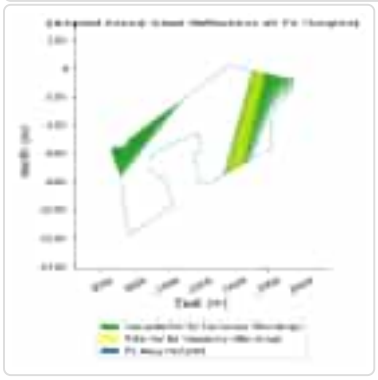
PV array is expected to produce the following glare for this receptor:

- 1,750 minutes of "green" glare with low potential to cause temporary after-image.
- 17 minutes of "yellow" glare with potential to cause temporary after-image.





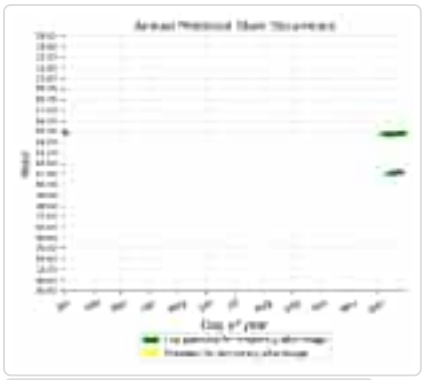


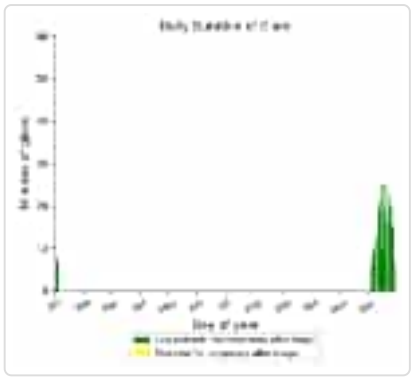


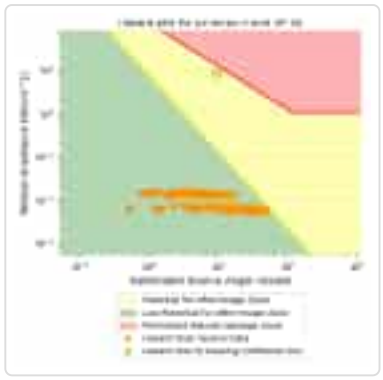
PV array 4: OP 56

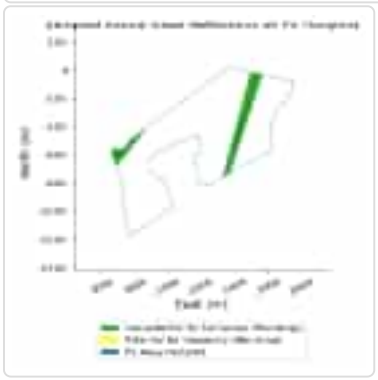
PV array is expected to produce the following glare for this receptor:

- 381 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





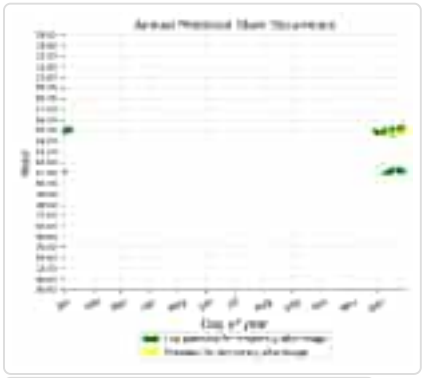


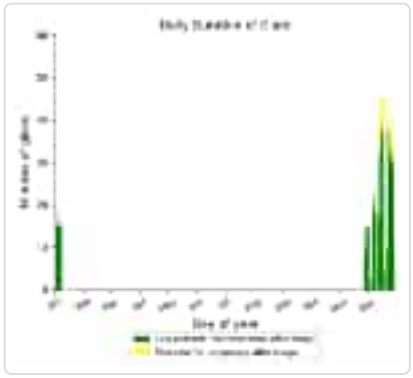


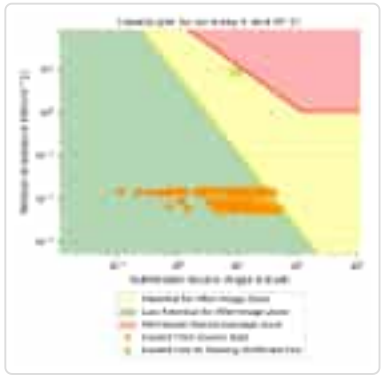
PV array 4: OP 57

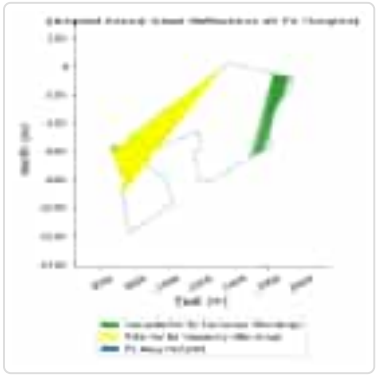
PV array is expected to produce the following glare for this receptor:

- 713 minutes of "green" glare with low potential to cause temporary after-image.
- 78 minutes of "yellow" glare with potential to cause temporary after-image.





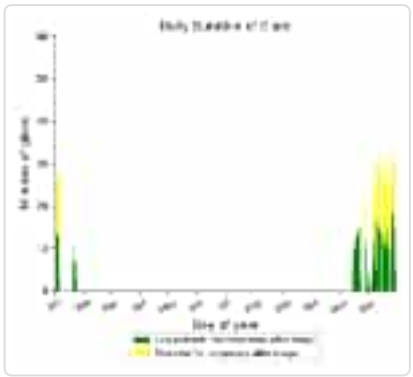


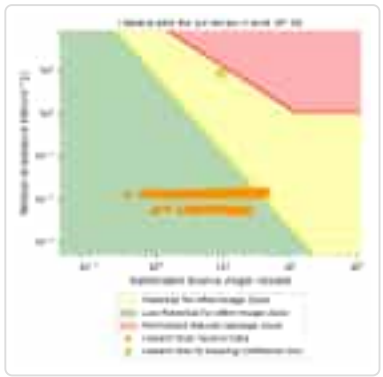


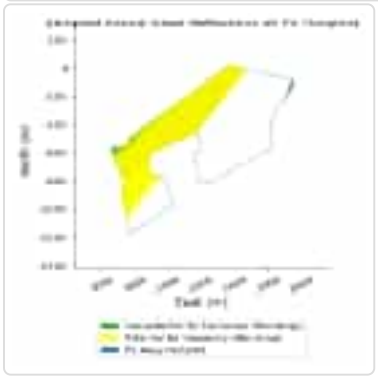
PV array 4: OP 58

PV array is expected to produce the following glare for this receptor:

- 480 minutes of "green" glare with low potential to cause temporary after-image.
- 365 minutes of "yellow" glare with potential to cause temporary after-image.



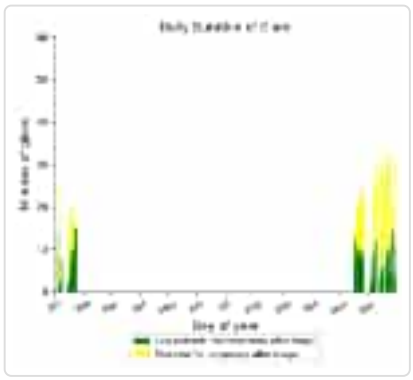


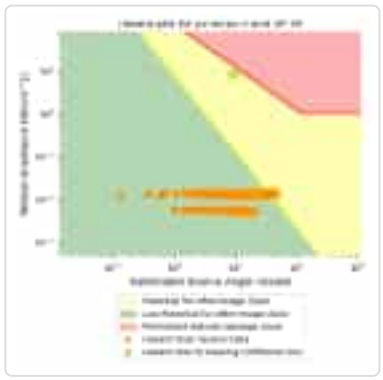


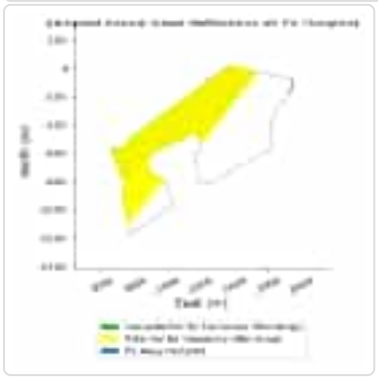
PV array 4: OP 59

PV array is expected to produce the following glare for this receptor:

- 429 minutes of "green" glare with low potential to cause temporary after-image.
- 552 minutes of "yellow" glare with potential to cause temporary after-image.



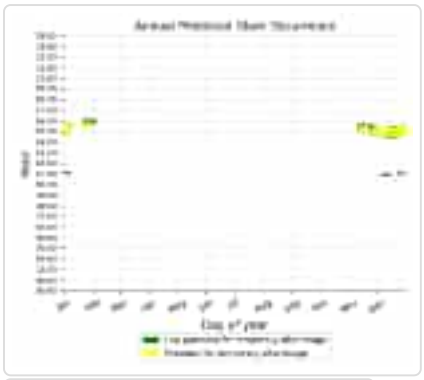


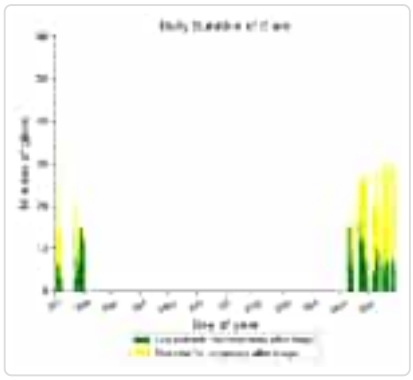


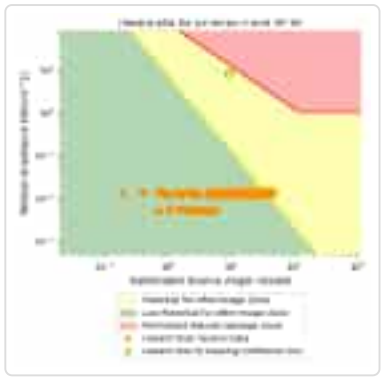
PV array 4: OP 60

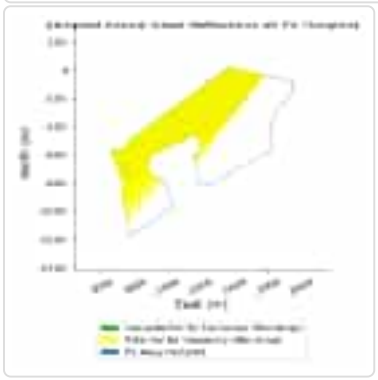
PV array is expected to produce the following glare for this receptor:

- 450 minutes of "green" glare with low potential to cause temporary after-image.
- 697 minutes of "yellow" glare with potential to cause temporary after-image.





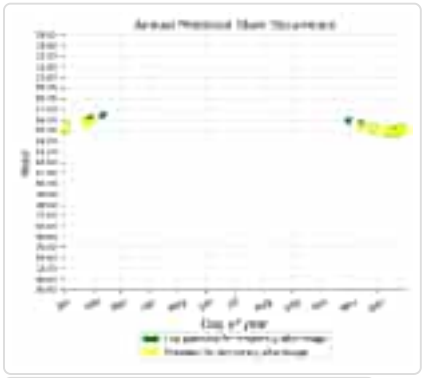


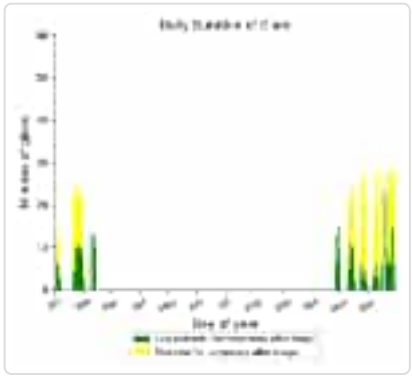


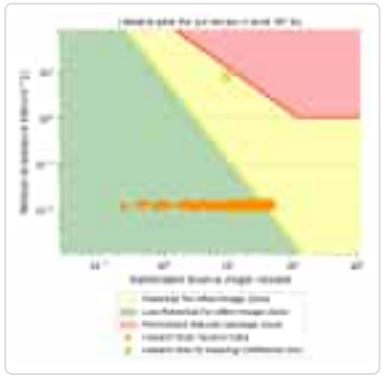
PV array 4: OP 61

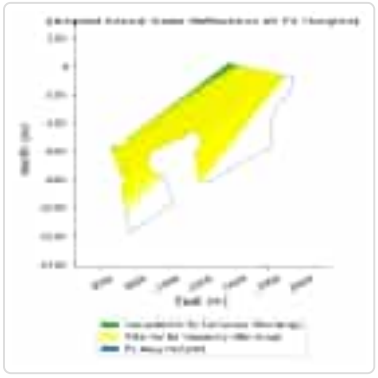
PV array is expected to produce the following glare for this receptor:

- 450 minutes of "green" glare with low potential to cause temporary after-image.
- 761 minutes of "yellow" glare with potential to cause temporary after-image.





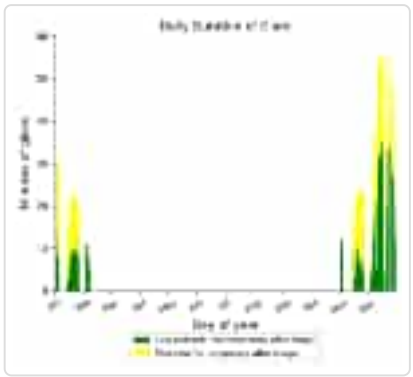


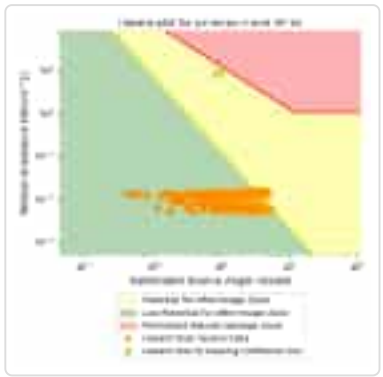


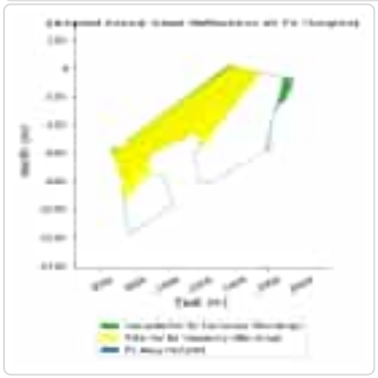
PV array 4: OP 62

PV array is expected to produce the following glare for this receptor:

- 832 minutes of "green" glare with low potential to cause temporary after-image.
- 815 minutes of "yellow" glare with potential to cause temporary after-image.



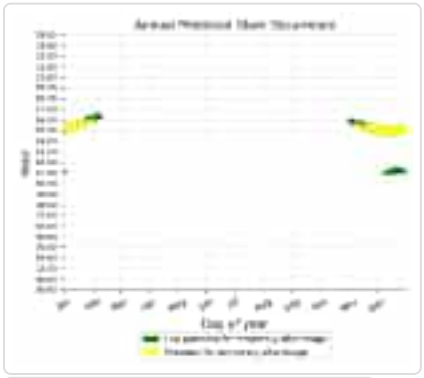


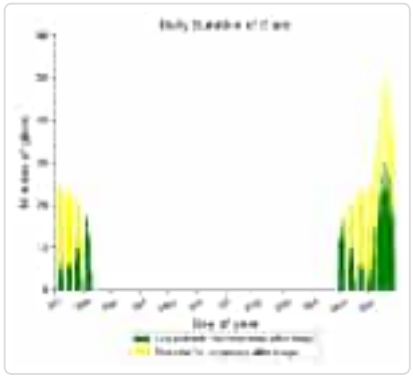


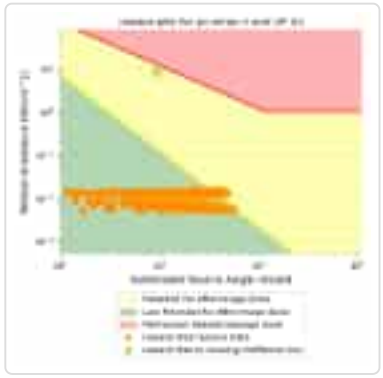
PV array 4: OP 63

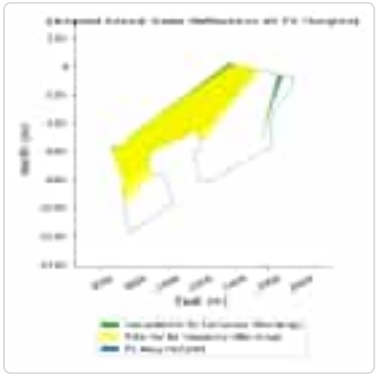
PV array is expected to produce the following glare for this receptor:

- 895 minutes of "green" glare with low potential to cause temporary after-image.
- 881 minutes of "yellow" glare with potential to cause temporary after-image.





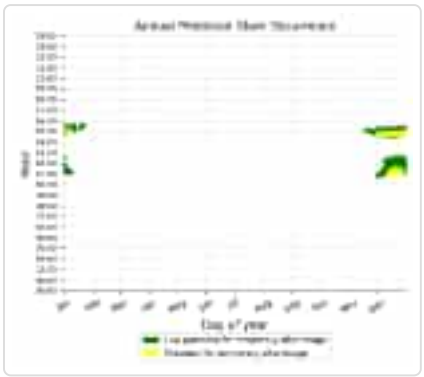


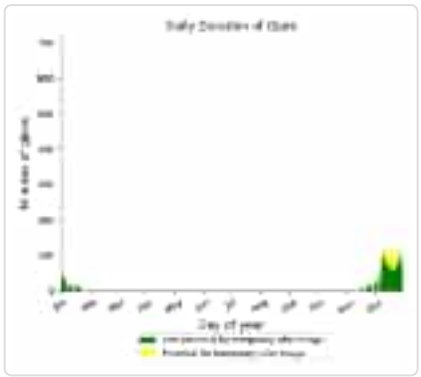


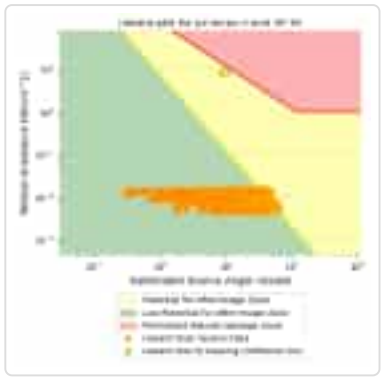
PV array 4: OP 64

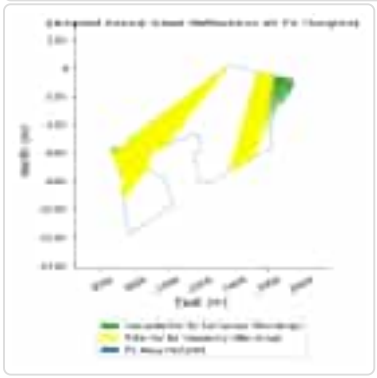
PV array is expected to produce the following glare for this receptor:

- 2,506 minutes of "green" glare with low potential to cause temporary after-image.
- 722 minutes of "yellow" glare with potential to cause temporary after-image.





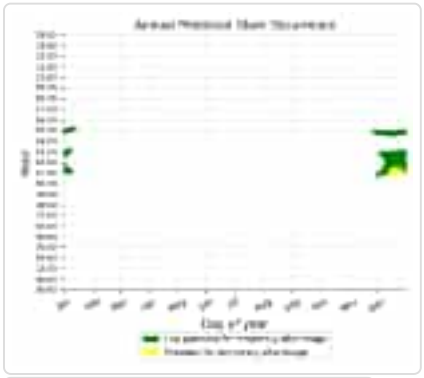


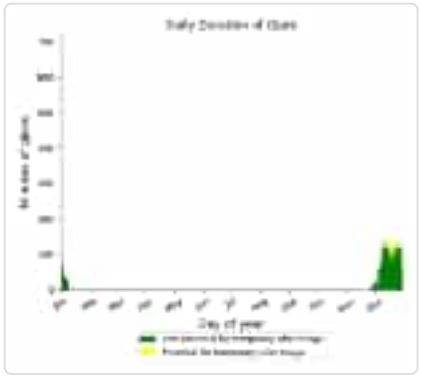


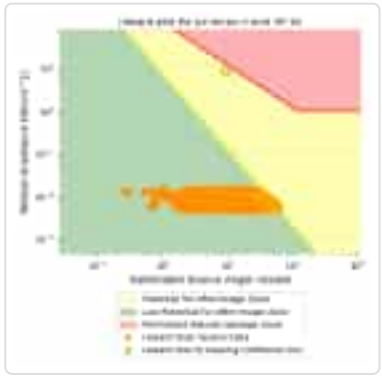
PV array 4: OP 65

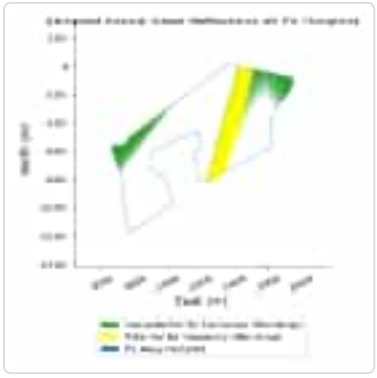
PV array is expected to produce the following glare for this receptor:

- 3,254 minutes of "green" glare with low potential to cause temporary after-image.
- 242 minutes of "yellow" glare with potential to cause temporary after-image.





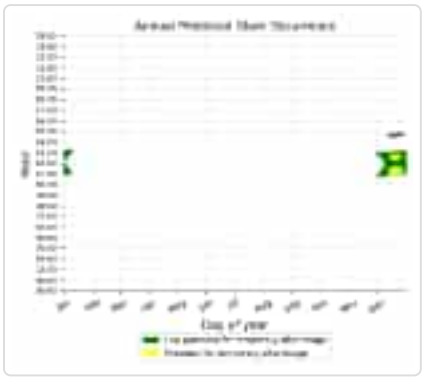


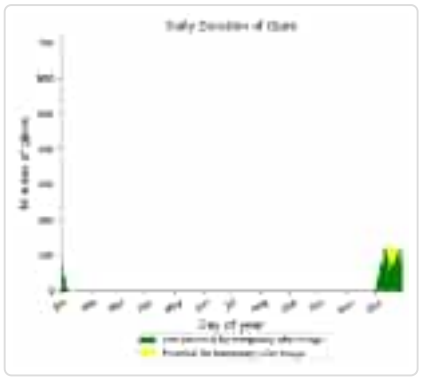


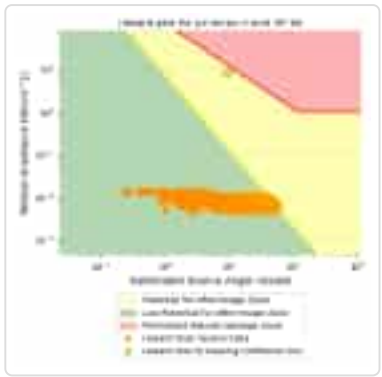
PV array 4: OP 66

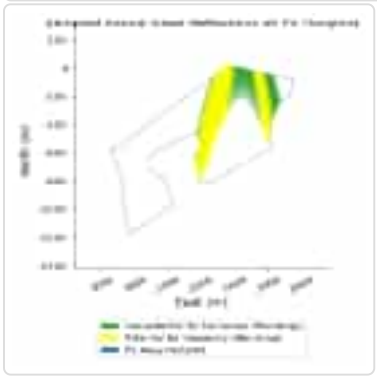
PV array is expected to produce the following glare for this receptor:

- 2,774 minutes of "green" glare with low potential to cause temporary after-image.
- 417 minutes of "yellow" glare with potential to cause temporary after-image.





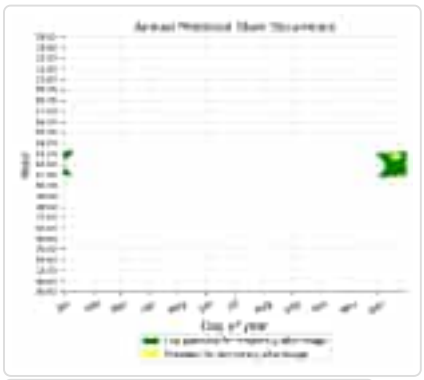


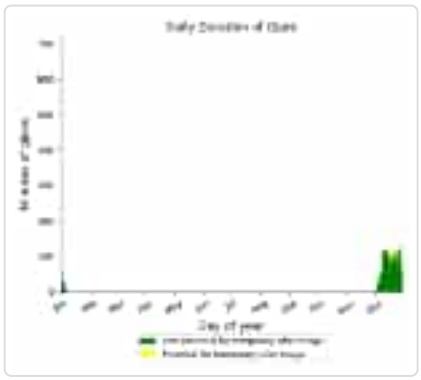


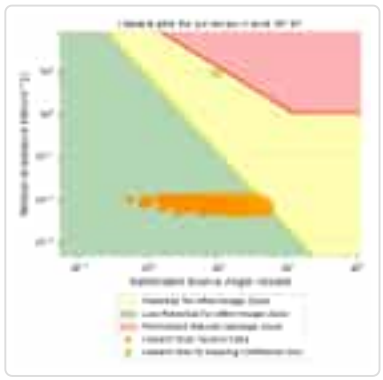
PV array 4: OP 67

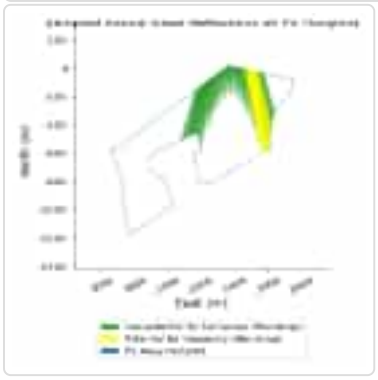
PV array is expected to produce the following glare for this receptor:

- 2,709 minutes of "green" glare with low potential to cause temporary after-image.
- 137 minutes of "yellow" glare with potential to cause temporary after-image.





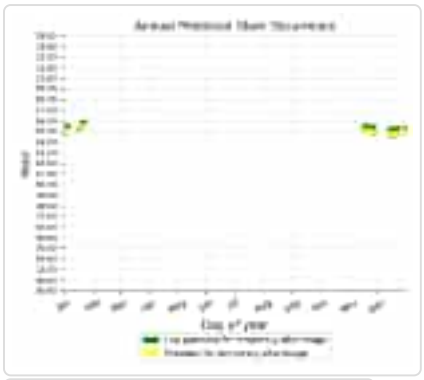


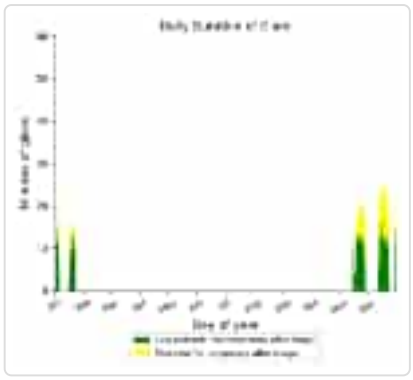


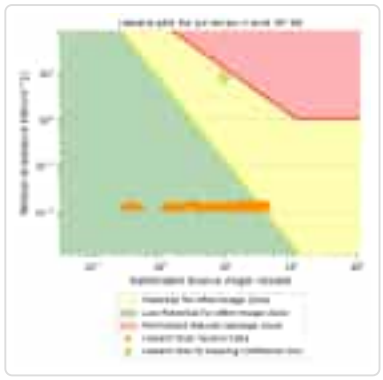
PV array 4: OP 68

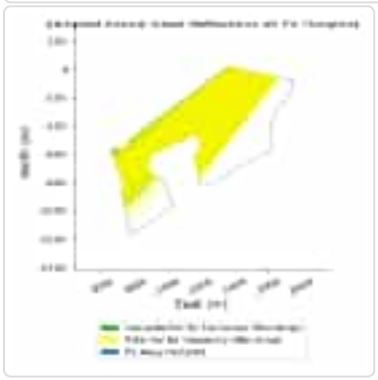
PV array is expected to produce the following glare for this receptor:

- 436 minutes of "green" glare with low potential to cause temporary after-image.
- 258 minutes of "yellow" glare with potential to cause temporary after-image.





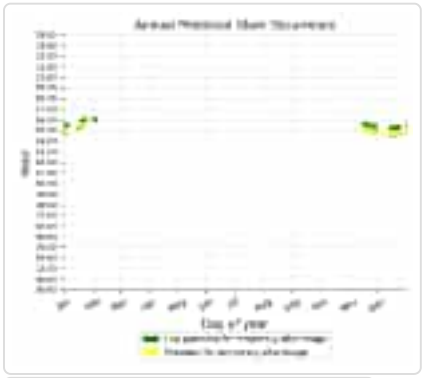


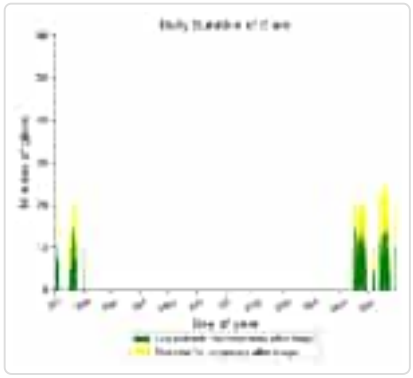


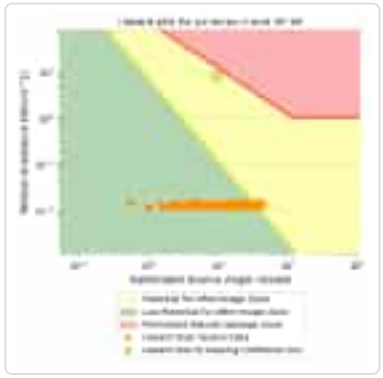
PV array 4: OP 69

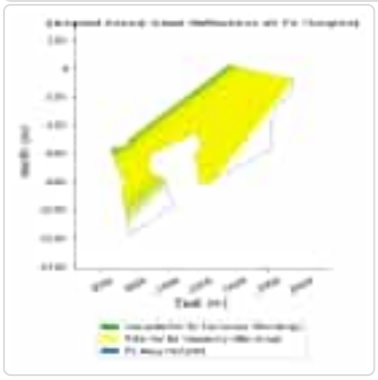
PV array is expected to produce the following glare for this receptor:

- 440 minutes of "green" glare with low potential to cause temporary after-image.
- 286 minutes of "yellow" glare with potential to cause temporary after-image.





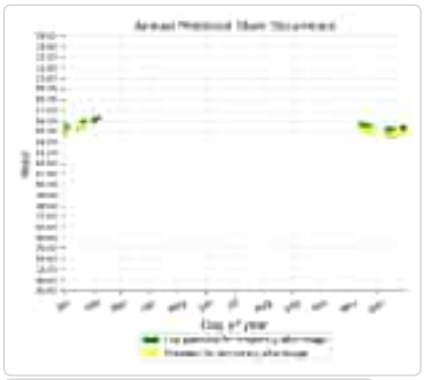


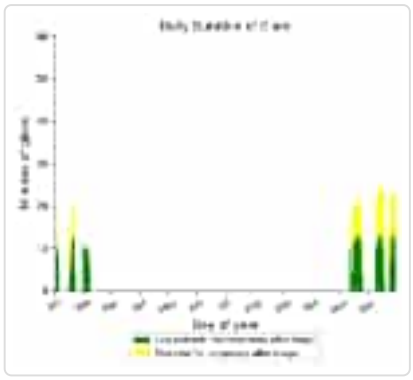


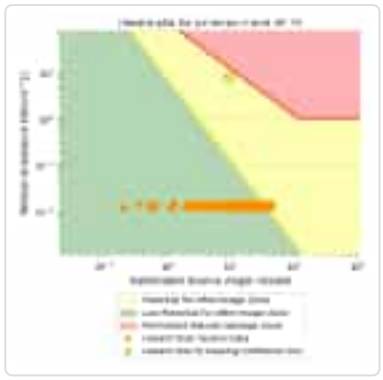
PV array 4: OP 70

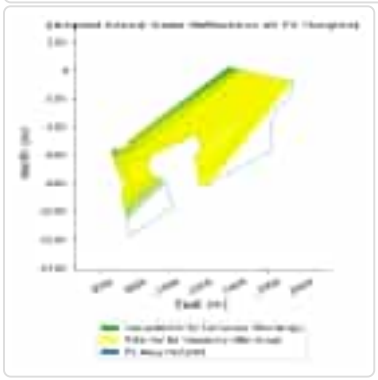
PV array is expected to produce the following glare for this receptor:

- 509 minutes of "green" glare with low potential to cause temporary after-image.
- 345 minutes of "yellow" glare with potential to cause temporary after-image.





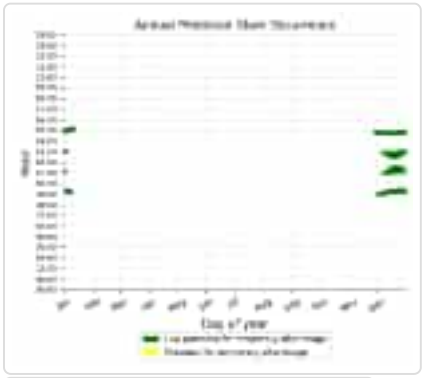


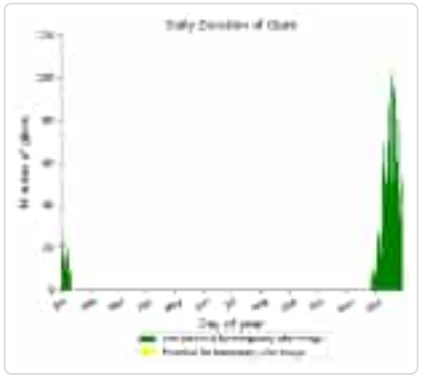


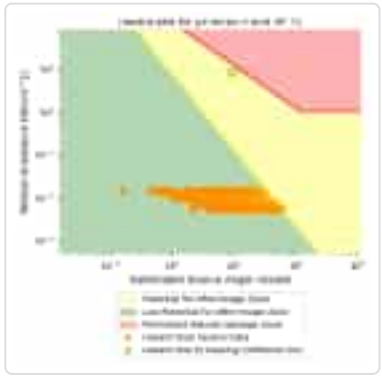
PV array 4: OP 71

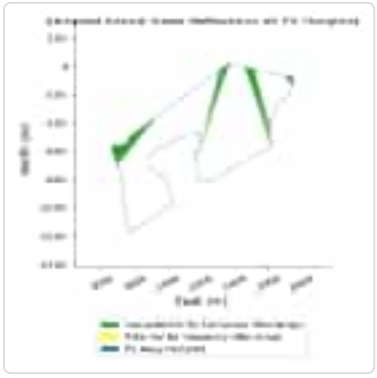
PV array is expected to produce the following glare for this receptor:

- 1,874 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





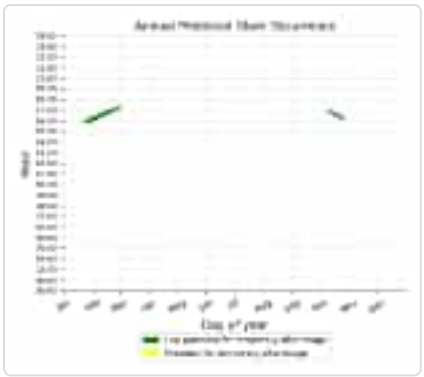


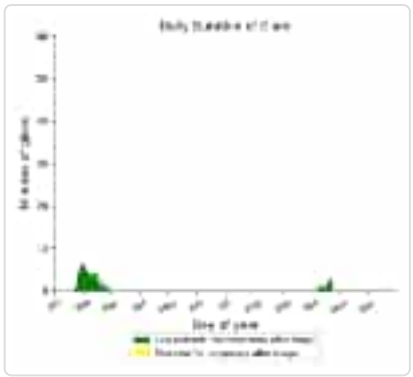


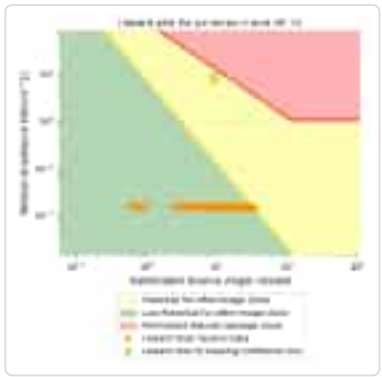
PV array 4: OP 72

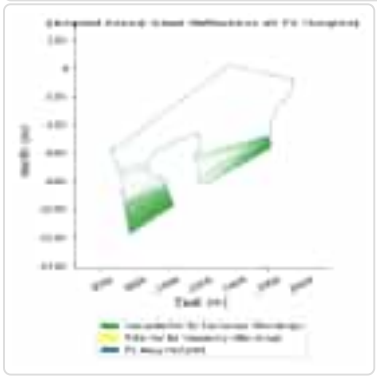
PV array is expected to produce the following glare for this receptor:

- 138 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





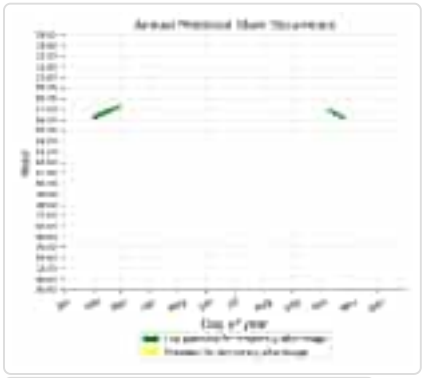


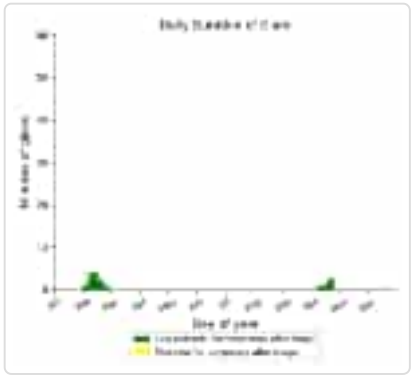


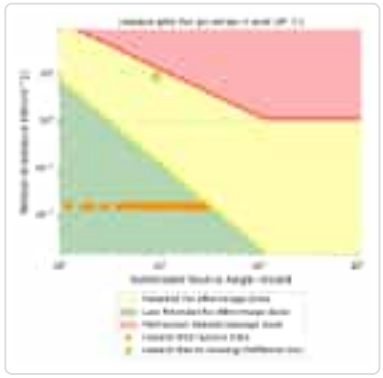
PV array 4: OP 73

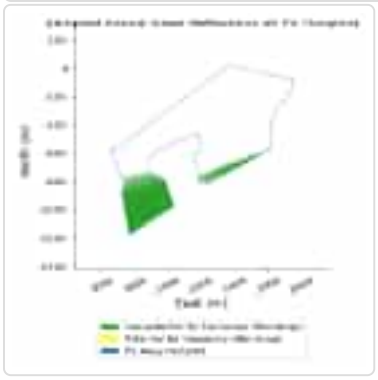
PV array is expected to produce the following glare for this receptor:

- 97 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





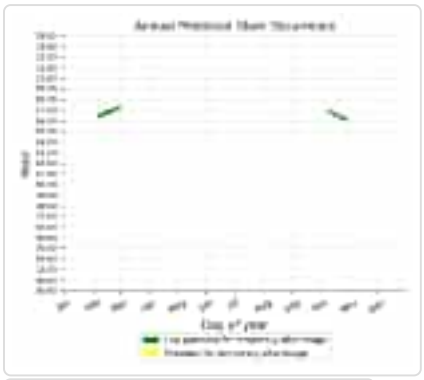


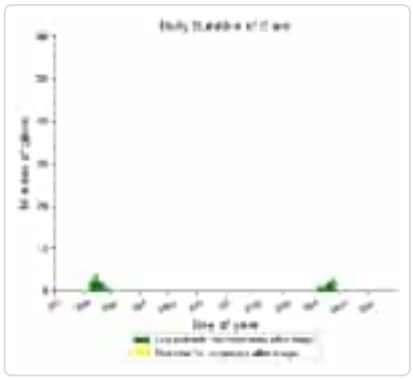


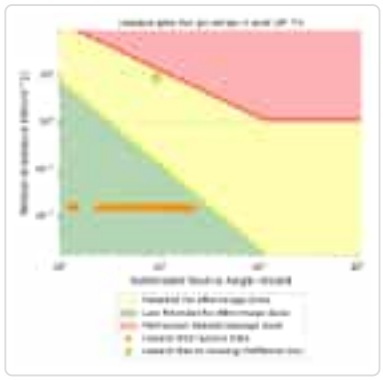
PV array 4: OP 74

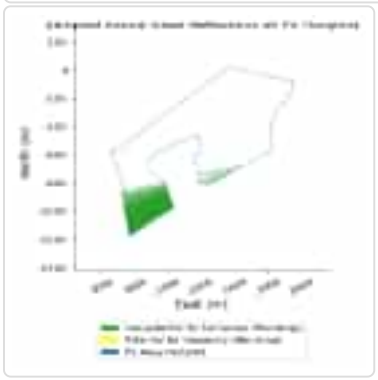
PV array is expected to produce the following glare for this receptor:

- 67 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





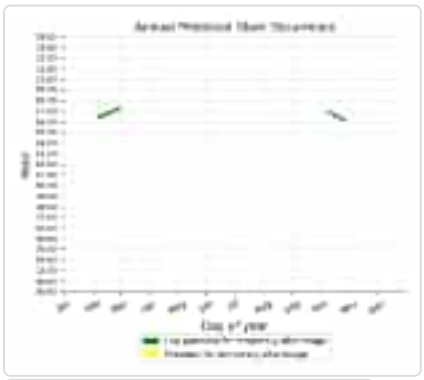


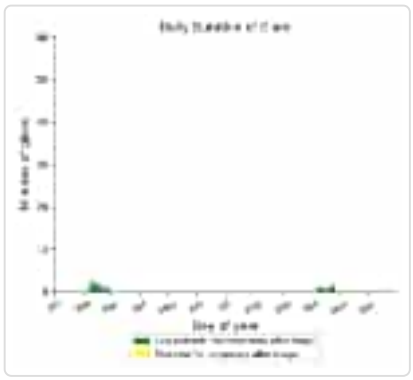


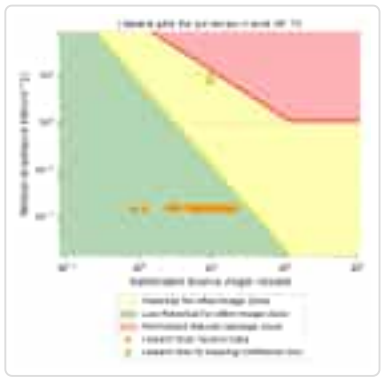
PV array 4: OP 75

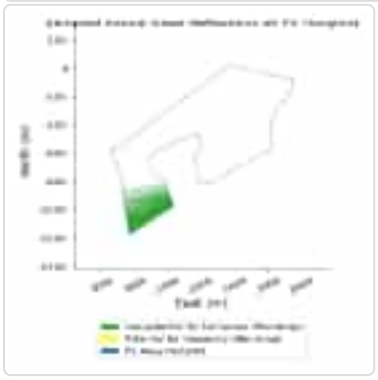
PV array is expected to produce the following glare for this receptor:

- 44 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 76

No glare found

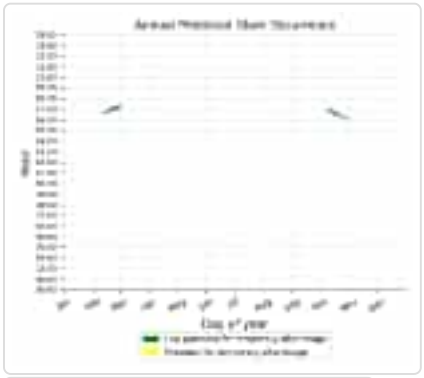
PV array 4: OP 77

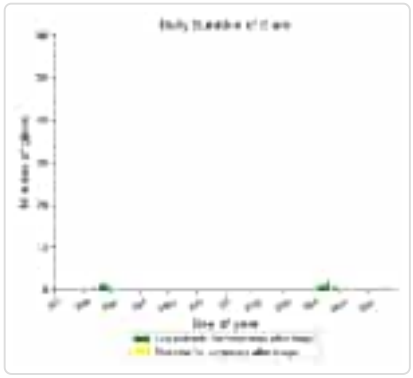
No glare found

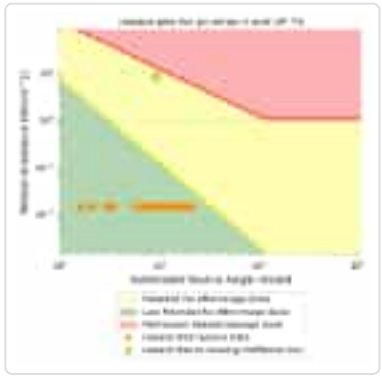
PV array 4: OP 78

PV array is expected to produce the following glare for this receptor:

- 28 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 4: OP 79

No glare found

PV array 4: OP 80

No glare found

PV array 5 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	103	0
OP: OP 9	70	0
OP: OP 10	108	0
OP: OP 11	60	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	42	0
OP: OP 15	91	0
OP: OP 16	191	0
OP: OP 17	215	0
OP: OP 18	362	0

OP: OP 19	398	0
OP: OP 20	360	0
OP: OP 21	409	0
OP: OP 22	423	0
OP: OP 23	381	0
OP: OP 24	404	0
OP: OP 25	482	0
OP: OP 26	460	0
OP: OP 27	500	0
OP: OP 28	355	0
OP: OP 29	535	0
OP: OP 30	438	0
OP: OP 31	404	0
OP: OP 32	406	0
OP: OP 33	405	0
OP: OP 34	394	0
OP: OP 35	33	0
OP: OP 36	33	0
OP: OP 37	28	0
OP: OP 38	553	0
OP: OP 39	424	0
OP: OP 40	231	0
OP: OP 41	154	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	320	0

OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	323	0
OP: OP 79	0	0
OP: OP 80	0	0

PV array 5: OP 1

No glare found

PV array 5: OP 2

No glare found

PV array 5: OP 3

No glare found

PV array 5: OP 4

No glare found

PV array 5: OP 5

No glare found

PV array 5: OP 6

No glare found

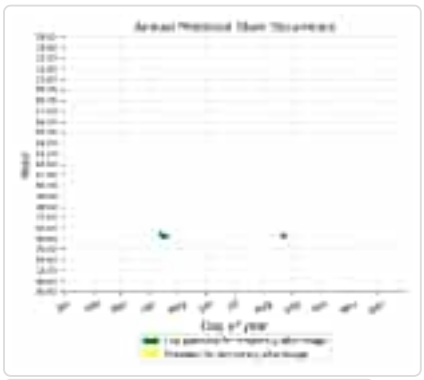
PV array 5: OP 7

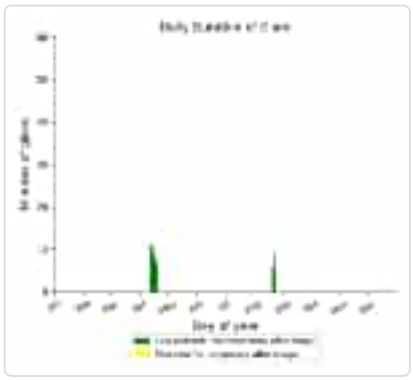
No glare found

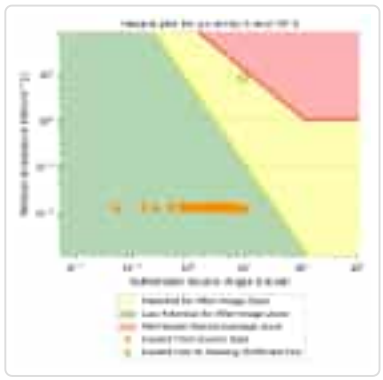
PV array 5: OP 8

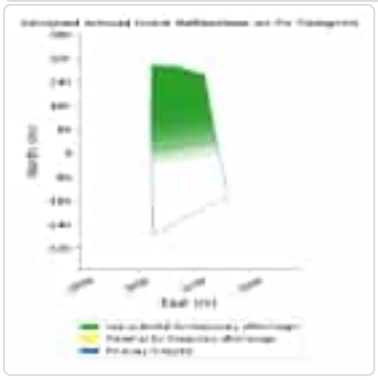
PV array is expected to produce the following glare for this receptor:

- 103 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





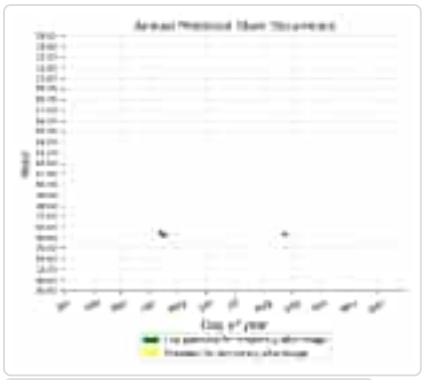


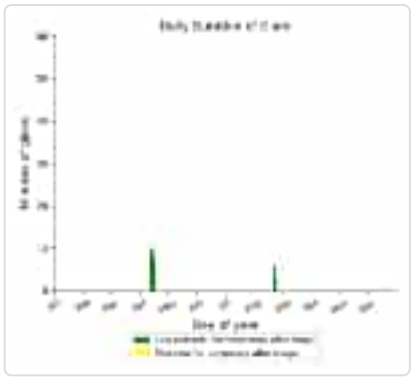


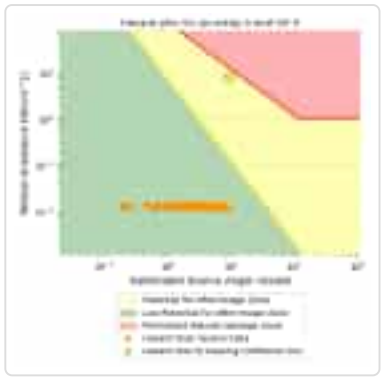
PV array 5: OP 9

PV array is expected to produce the following glare for this receptor:

- 70 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



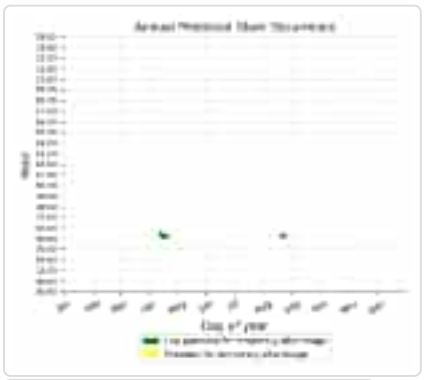


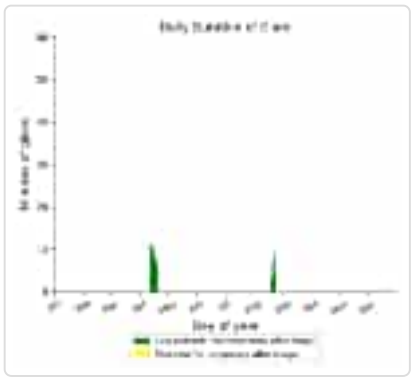


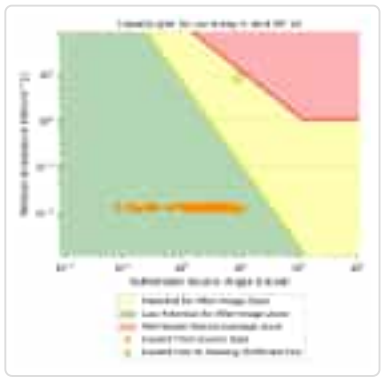
PV array 5: OP 10

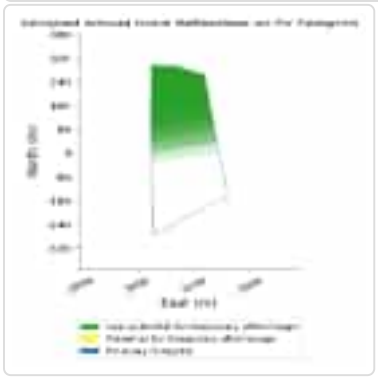
PV array is expected to produce the following glare for this receptor:

- 108 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





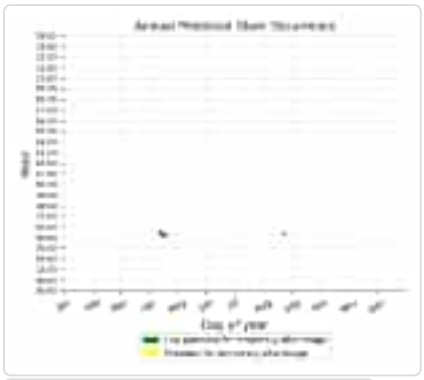


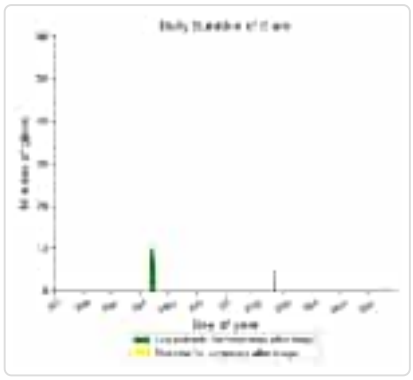


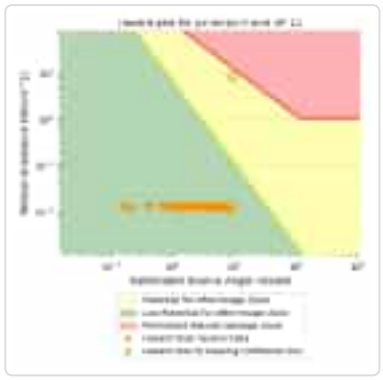
PV array 5: OP 11

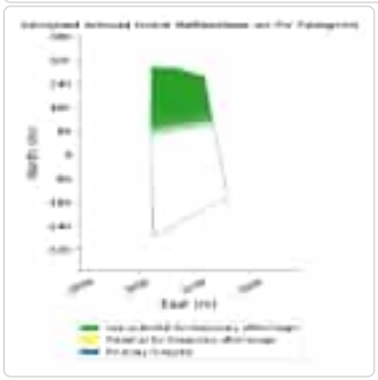
PV array is expected to produce the following glare for this receptor:

- 60 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 12

No glare found

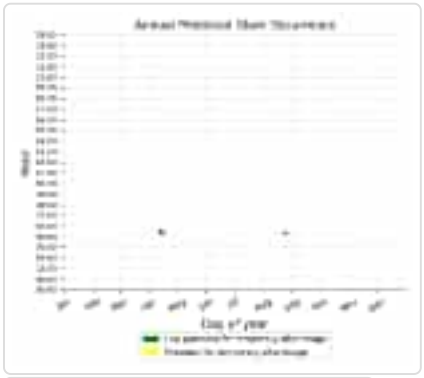
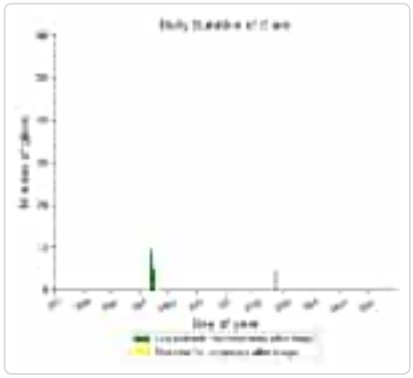
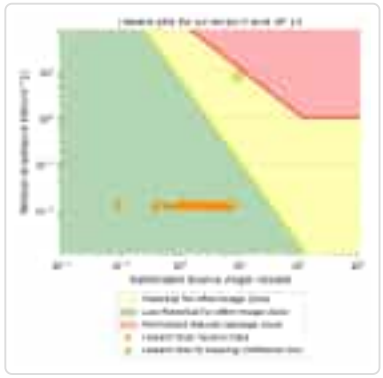
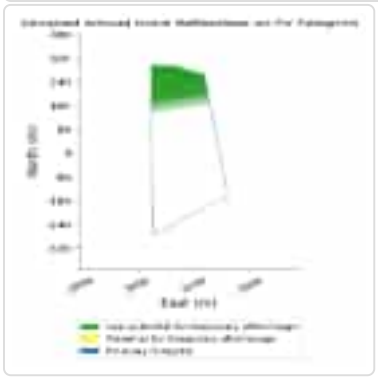
PV array 5: OP 13

No glare found

PV array 5: OP 14

PV array is expected to produce the following glare for this receptor:

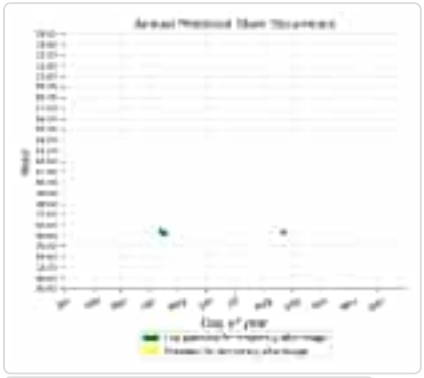
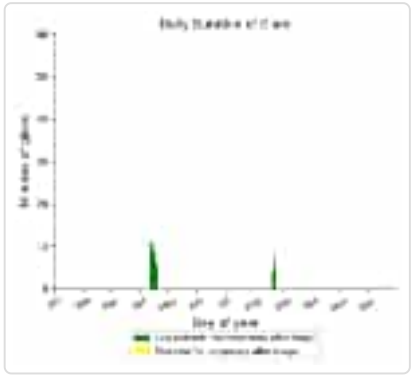
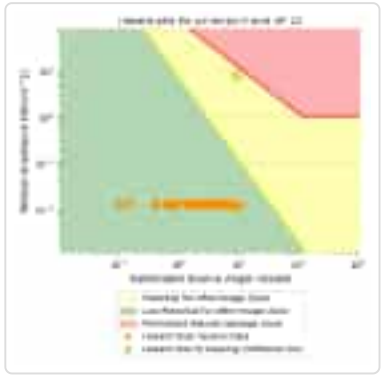
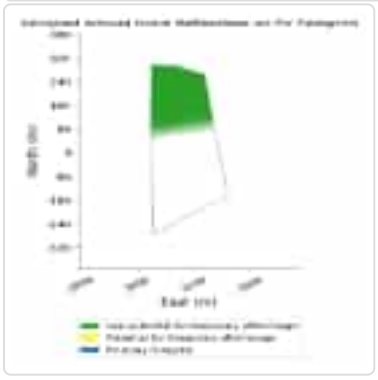
- 42 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 5: OP 15

PV array is expected to produce the following glare for this receptor:

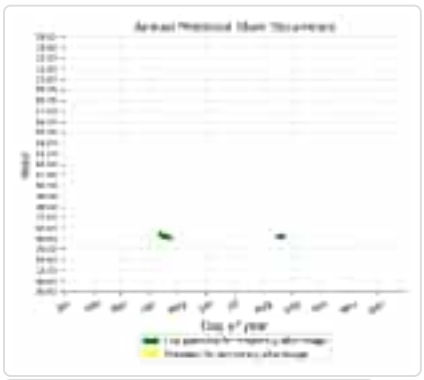
- 91 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

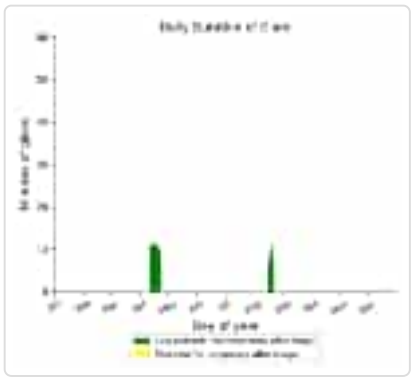





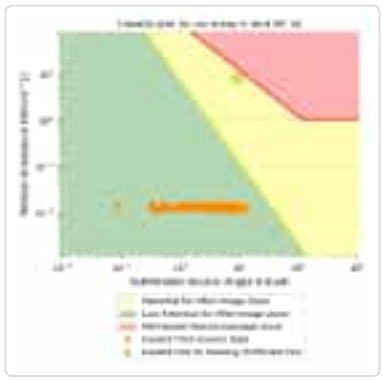
PV array 5: OP 16

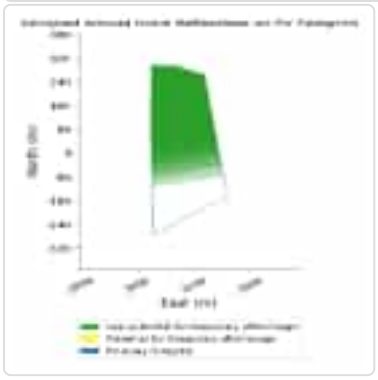
PV array is expected to produce the following glare for this receptor:

- 191 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





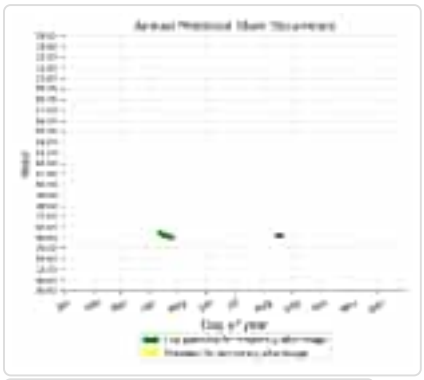


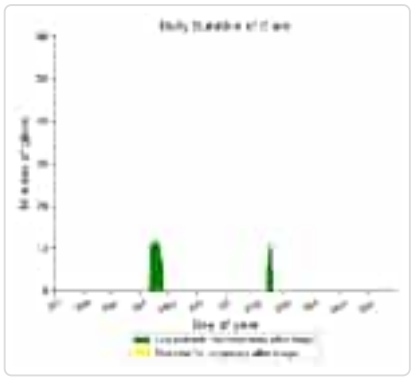


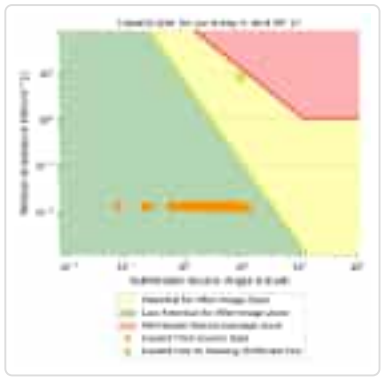
PV array 5: OP 17

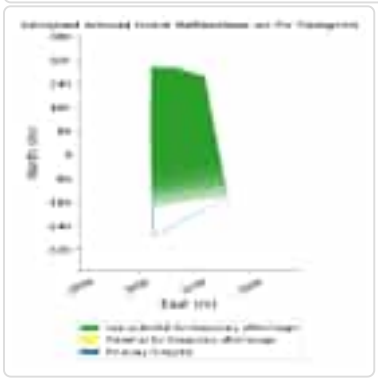
PV array is expected to produce the following glare for this receptor:

- 215 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





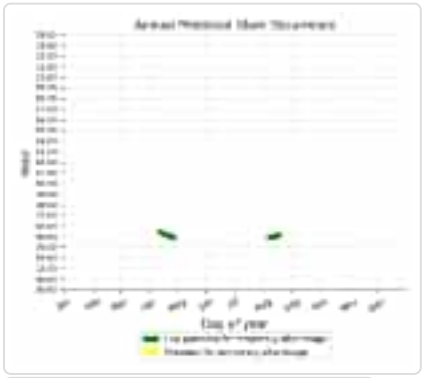


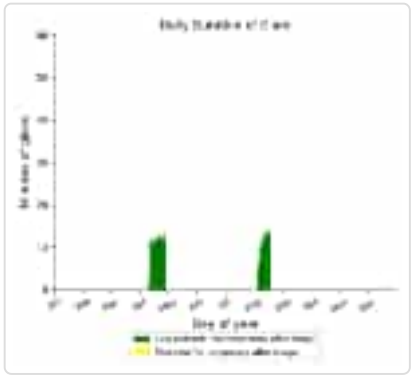


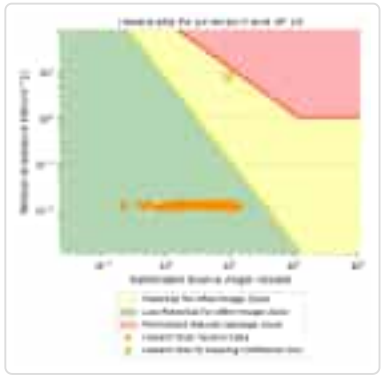
PV array 5: OP 18

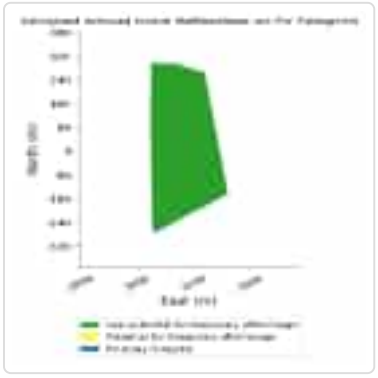
PV array is expected to produce the following glare for this receptor:

- 362 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





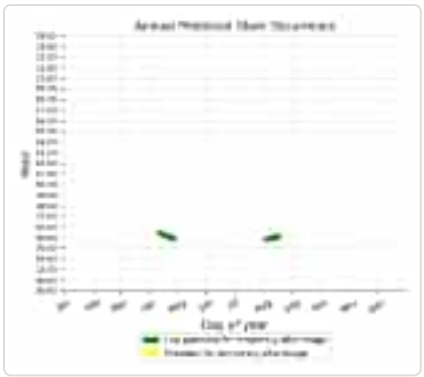


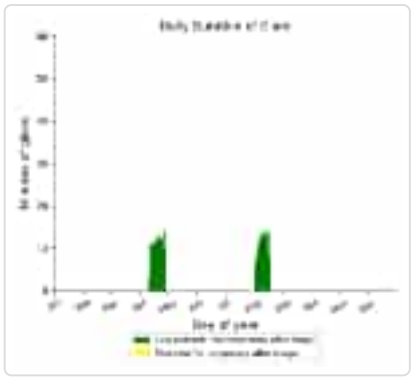


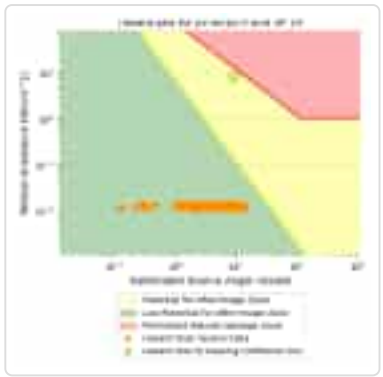
PV array 5: OP 19

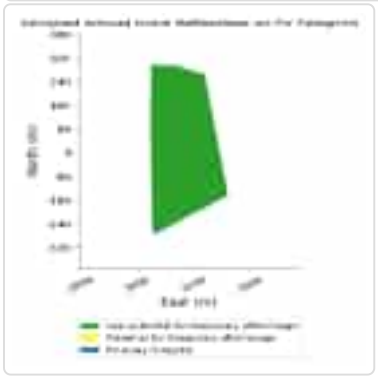
PV array is expected to produce the following glare for this receptor:

- 398 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





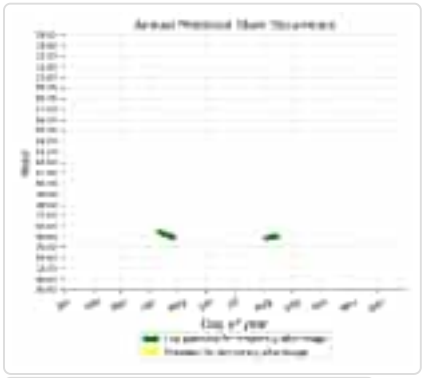


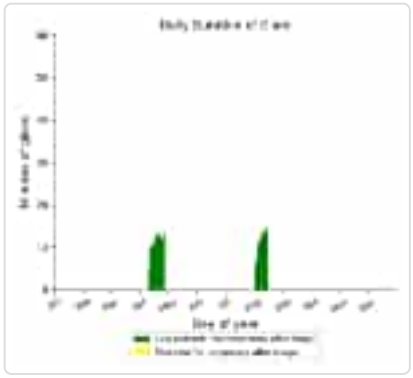


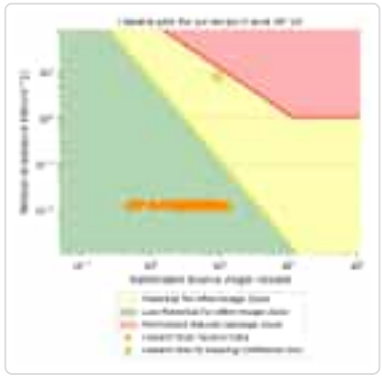
PV array 5: OP 20

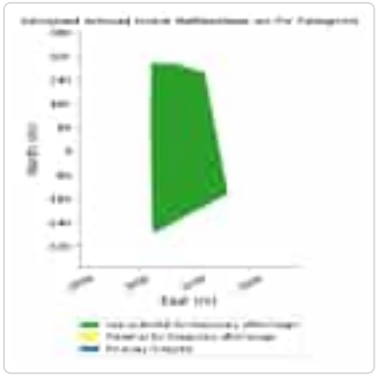
PV array is expected to produce the following glare for this receptor:

- 360 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





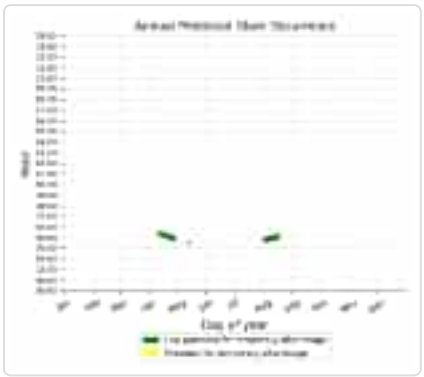


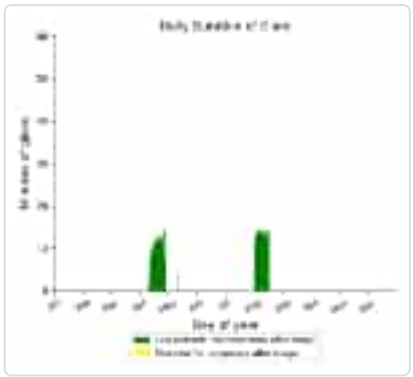


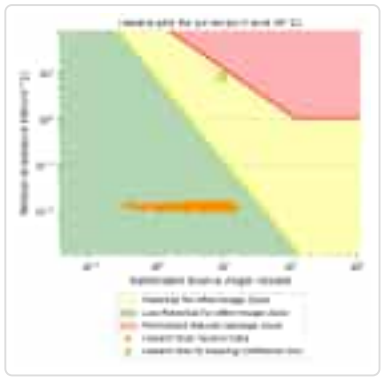
PV array 5: OP 21

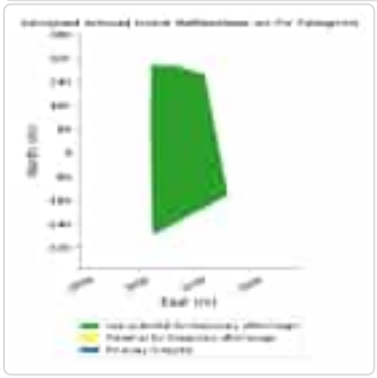
PV array is expected to produce the following glare for this receptor:

- 409 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





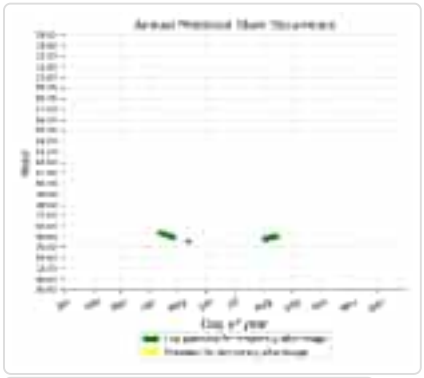


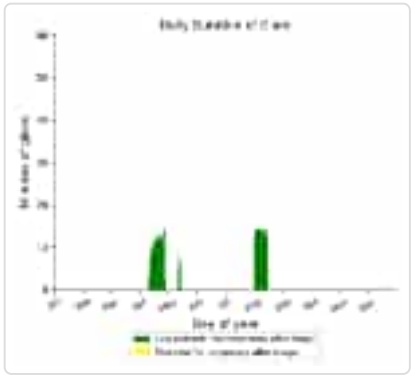


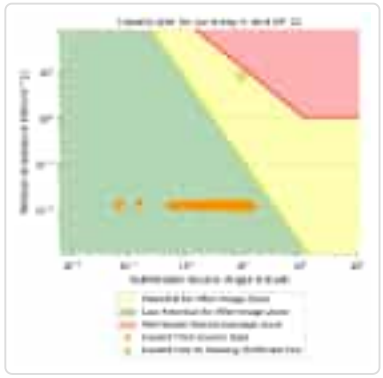
PV array 5: OP 22

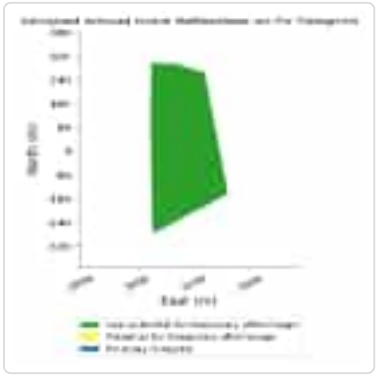
PV array is expected to produce the following glare for this receptor:

- 423 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





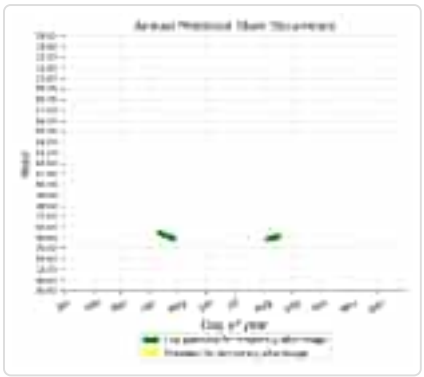


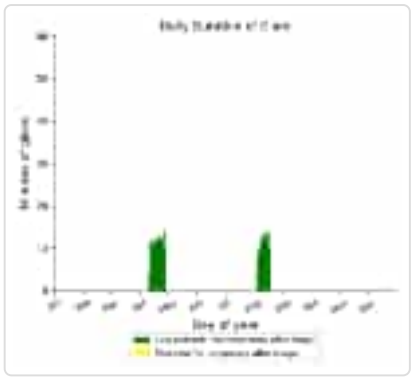


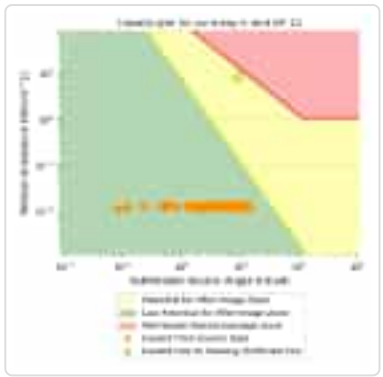
PV array 5: OP 23

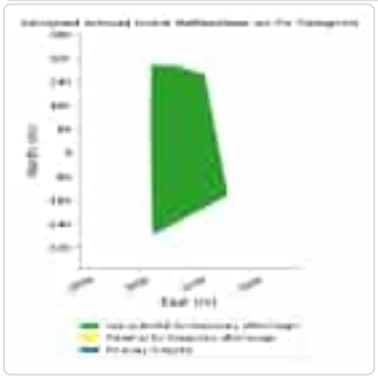
PV array is expected to produce the following glare for this receptor:

- 381 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





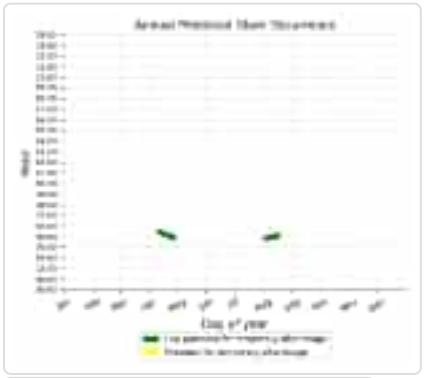


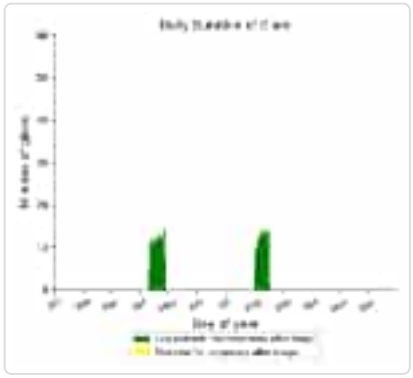


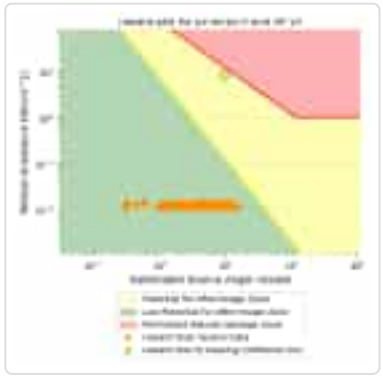
PV array 5: OP 24

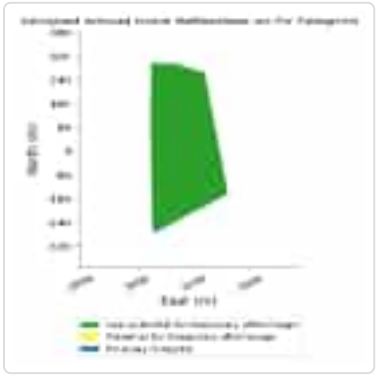
PV array is expected to produce the following glare for this receptor:

- 404 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





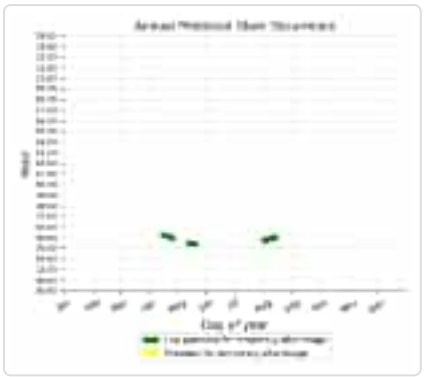


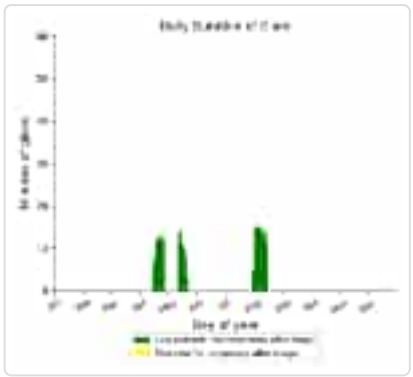


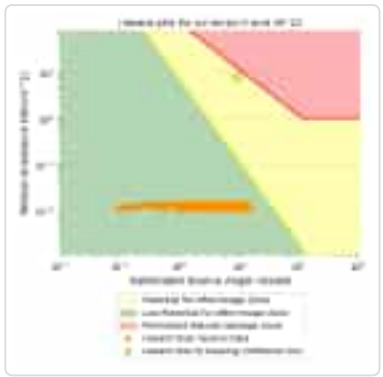
PV array 5: OP 25

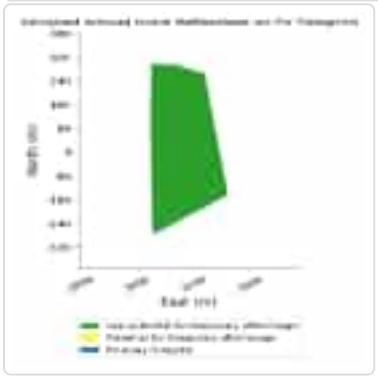
PV array is expected to produce the following glare for this receptor:

- 482 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





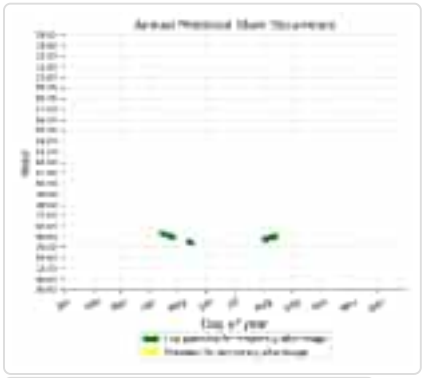


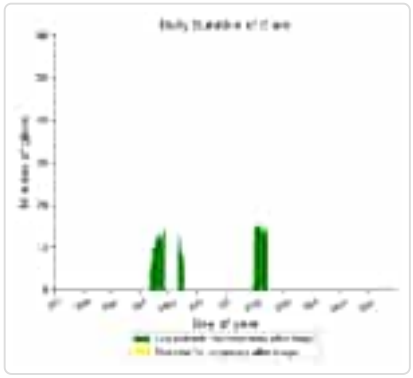


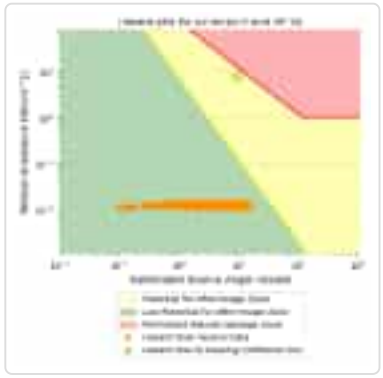
PV array 5: OP 26

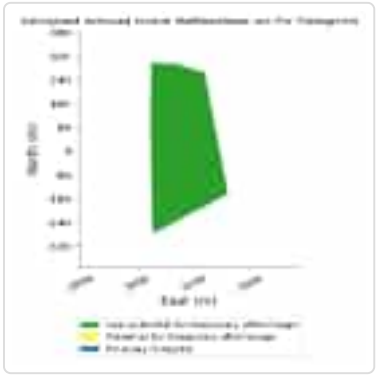
PV array is expected to produce the following glare for this receptor:

- 460 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





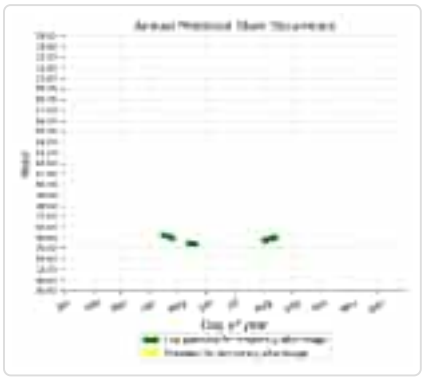


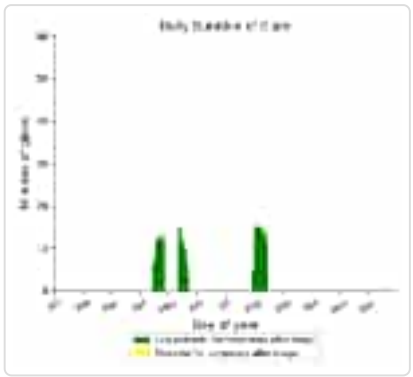


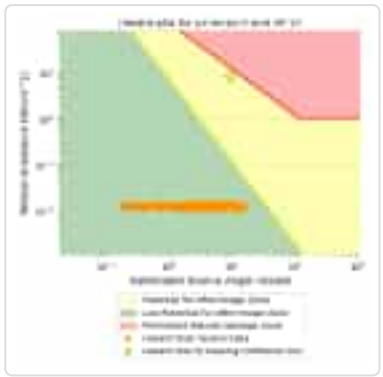
PV array 5: OP 27

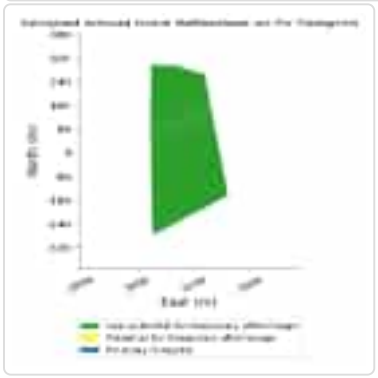
PV array is expected to produce the following glare for this receptor:

- 500 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





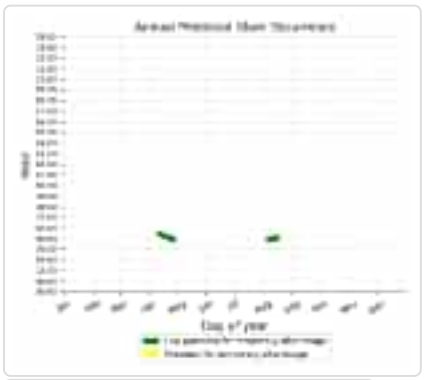


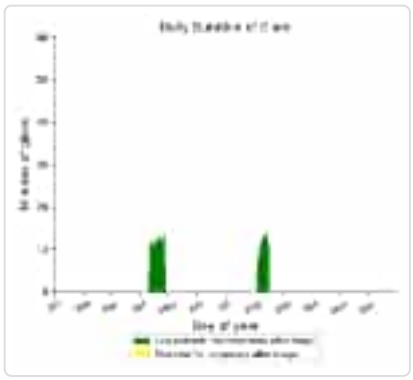


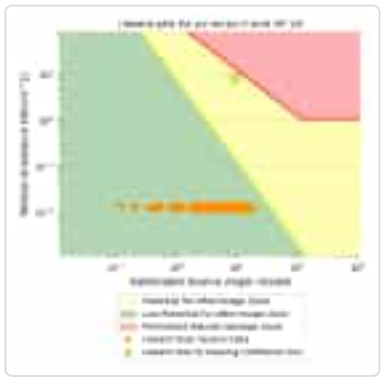
PV array 5: OP 28

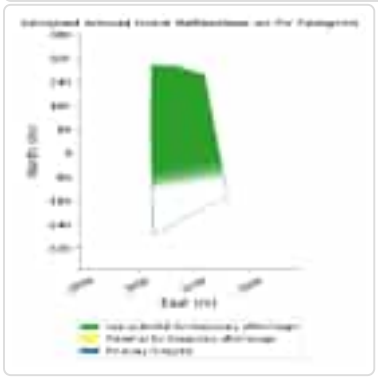
PV array is expected to produce the following glare for this receptor:

- 355 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





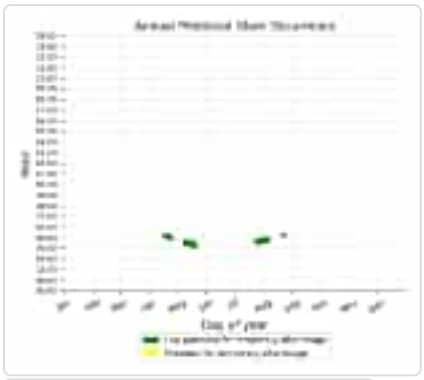


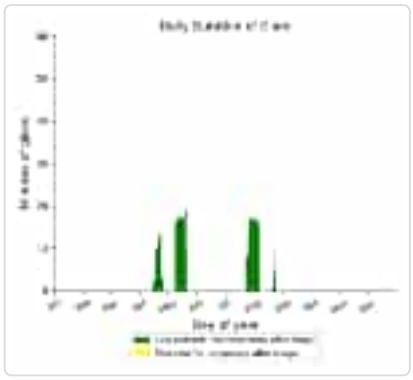


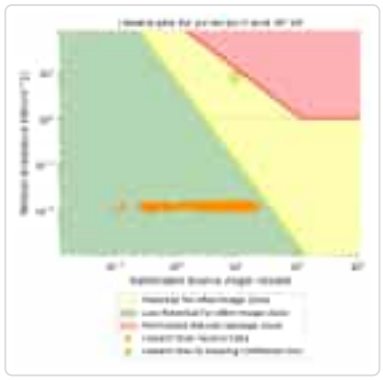
PV array 5: OP 29

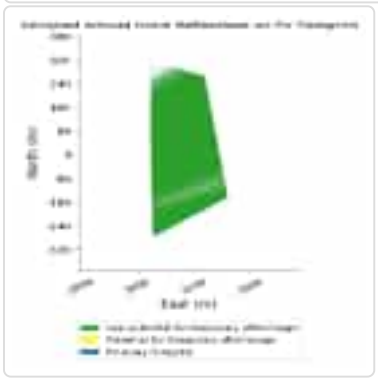
PV array is expected to produce the following glare for this receptor:

- 535 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





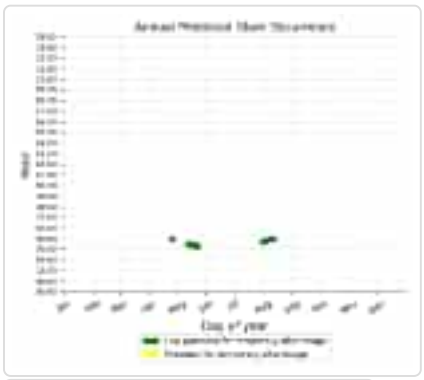


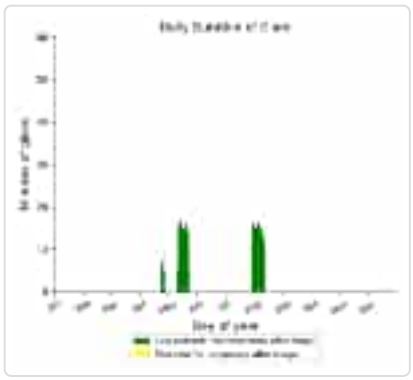


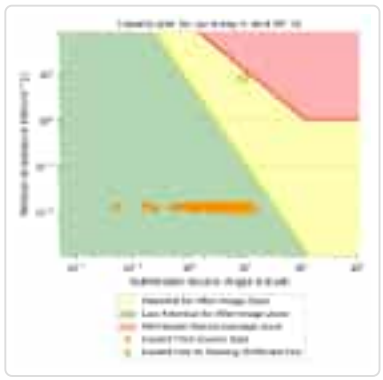
PV array 5: OP 30

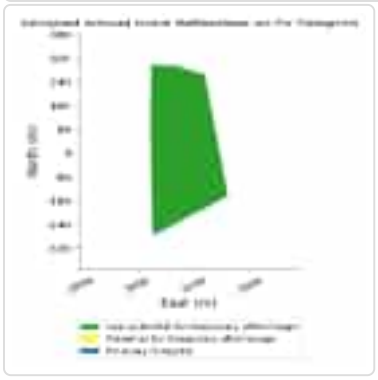
PV array is expected to produce the following glare for this receptor:

- 438 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





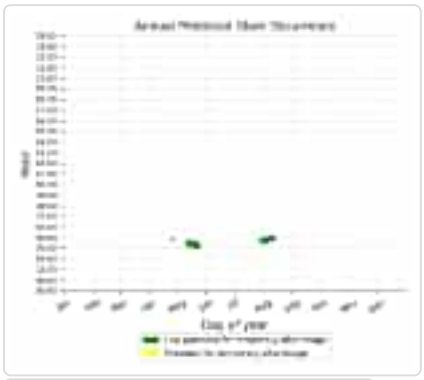


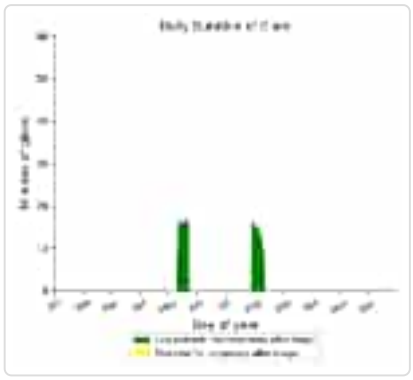


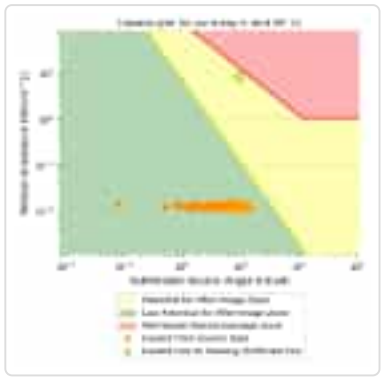
PV array 5: OP 31

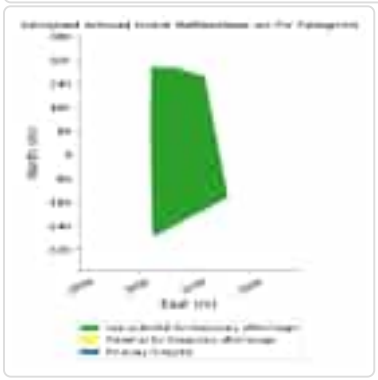
PV array is expected to produce the following glare for this receptor:

- 404 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





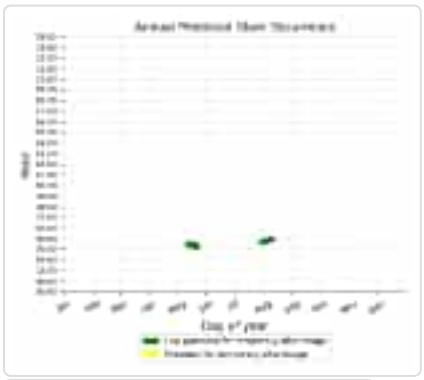


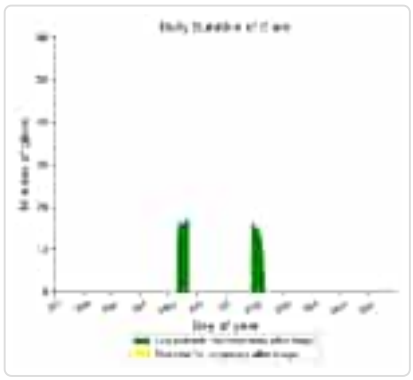


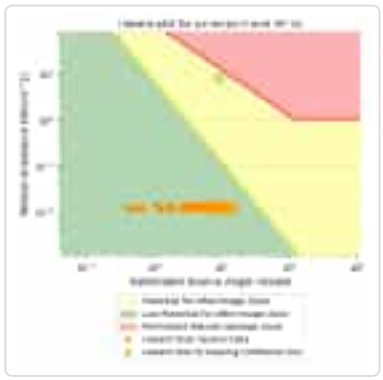
PV array 5: OP 32

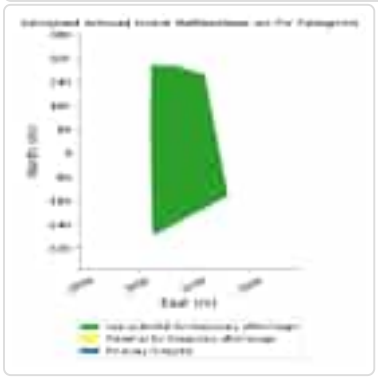
PV array is expected to produce the following glare for this receptor:

- 406 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





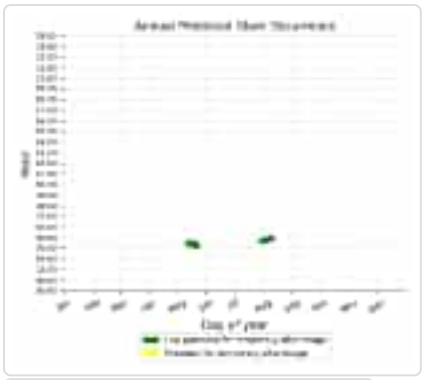


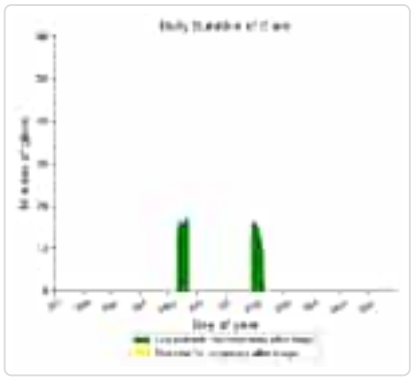


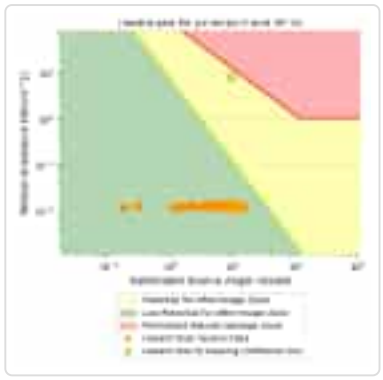
PV array 5: OP 33

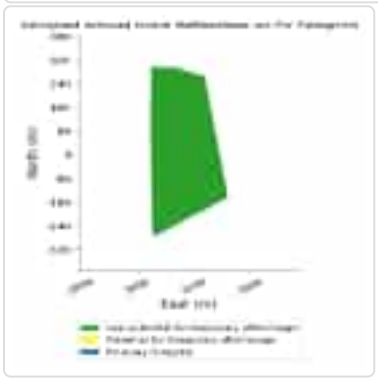
PV array is expected to produce the following glare for this receptor:

- 405 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





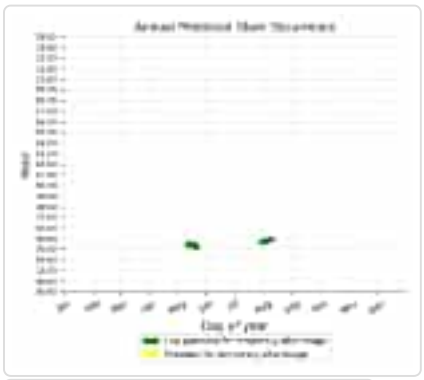


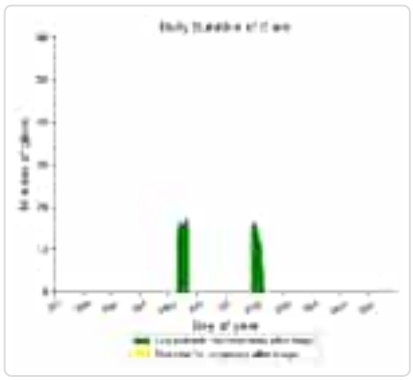


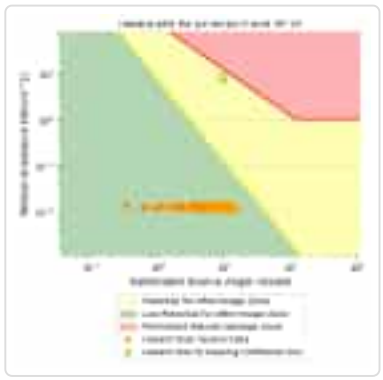
PV array 5: OP 34

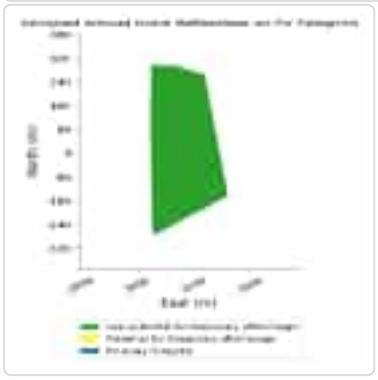
PV array is expected to produce the following glare for this receptor:

- 394 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





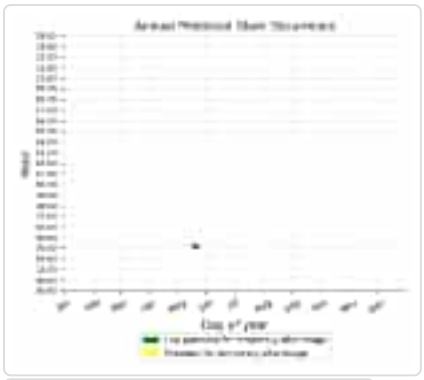


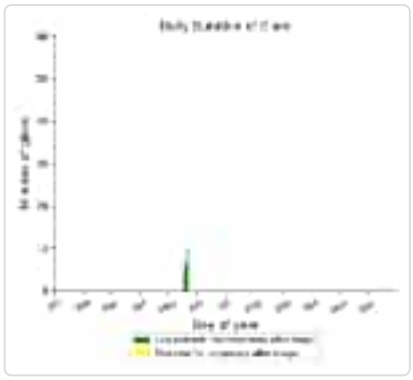


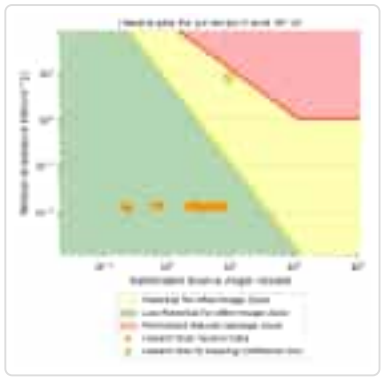
PV array 5: OP 35

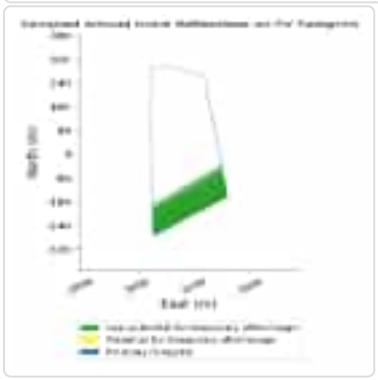
PV array is expected to produce the following glare for this receptor:

- 33 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





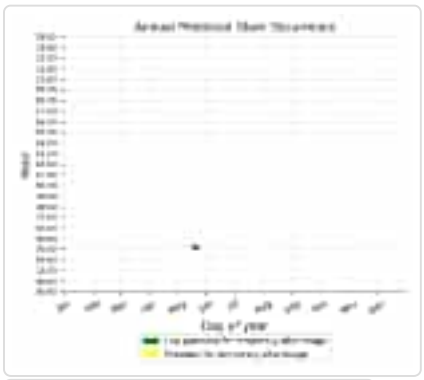


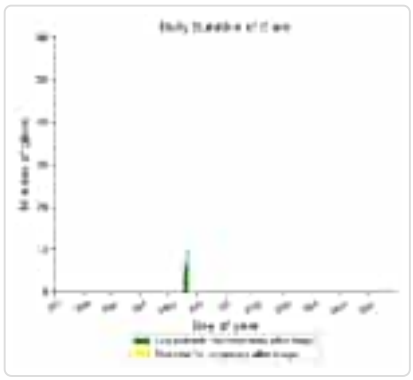


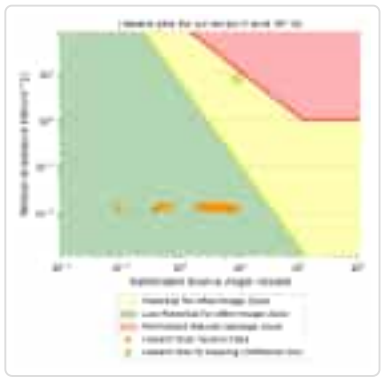
PV array 5: OP 36

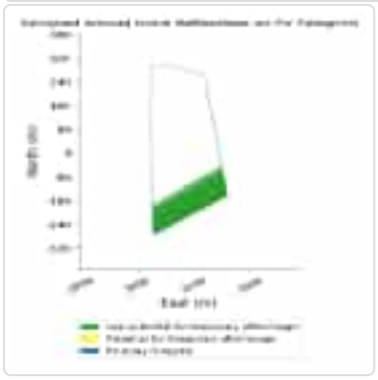
PV array is expected to produce the following glare for this receptor:

- 33 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





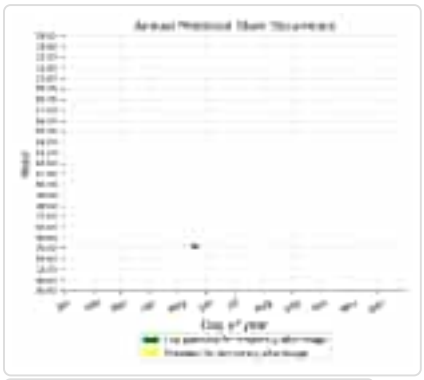


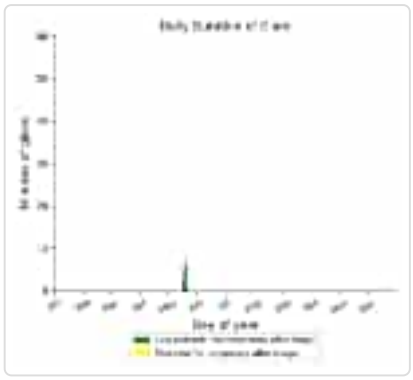


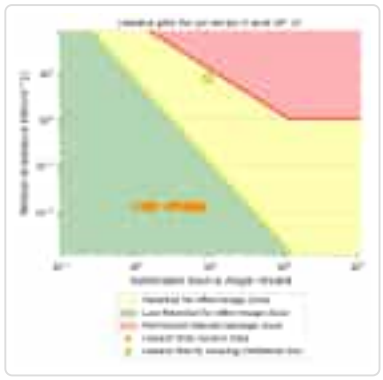
PV array 5: OP 37

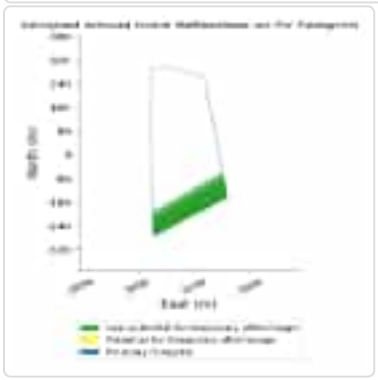
PV array is expected to produce the following glare for this receptor:

- 28 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





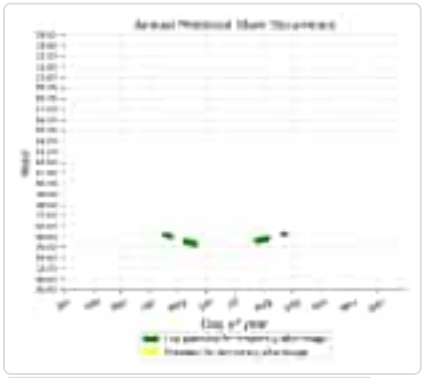


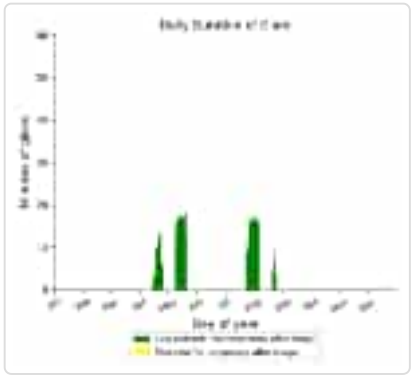


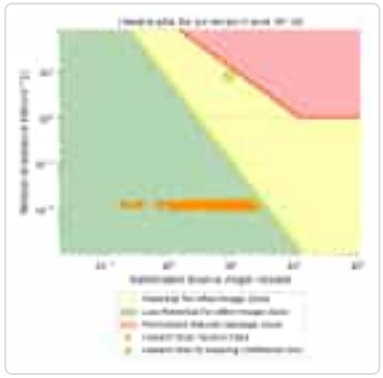
PV array 5: OP 38

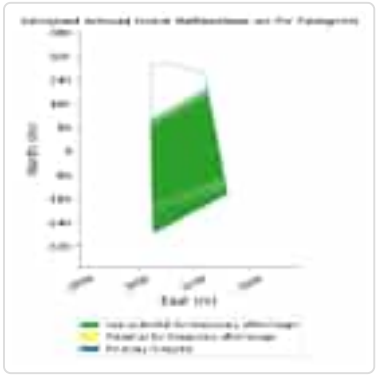
PV array is expected to produce the following glare for this receptor:

- 553 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





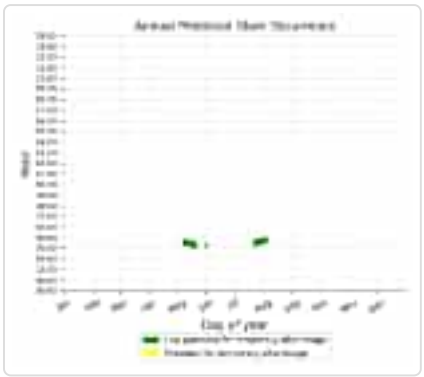


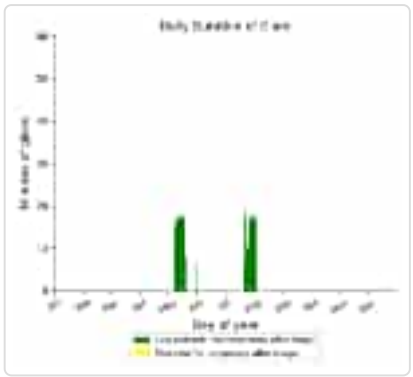


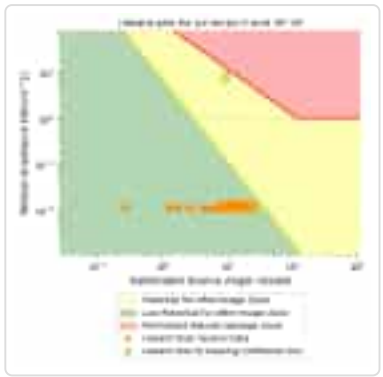
PV array 5: OP 39

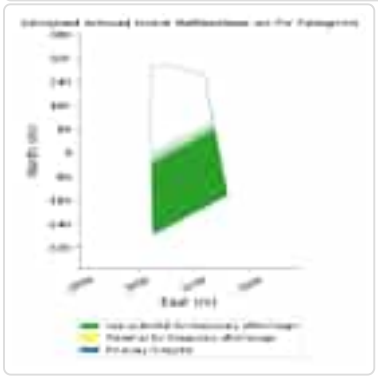
PV array is expected to produce the following glare for this receptor:

- 424 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





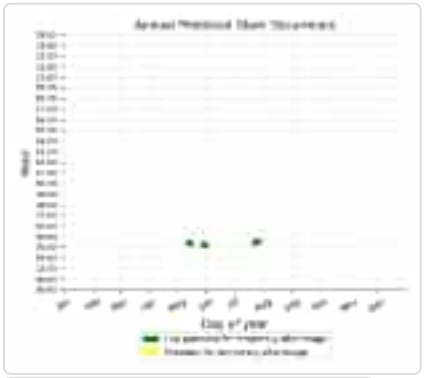


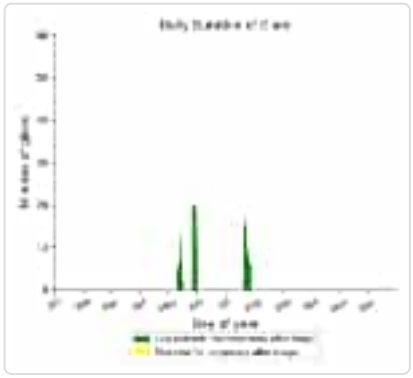


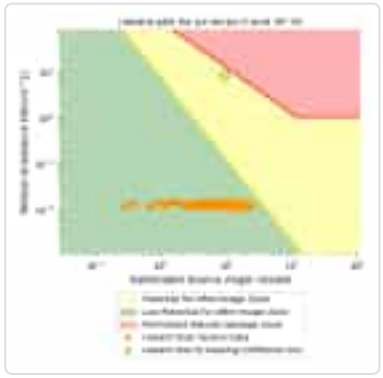
PV array 5: OP 40

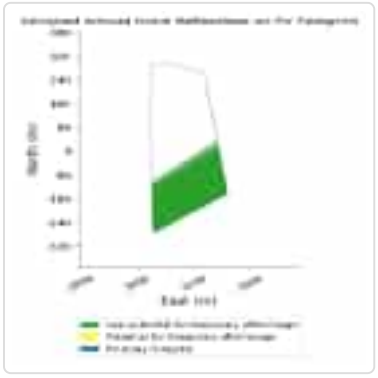
PV array is expected to produce the following glare for this receptor:

- 231 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





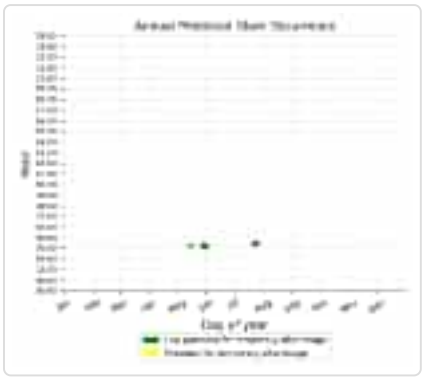


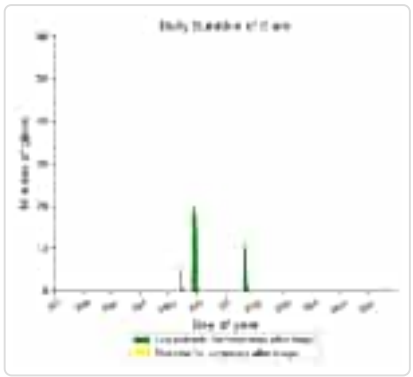


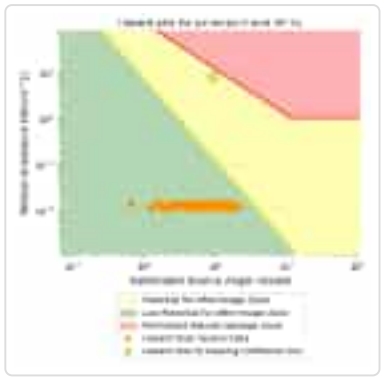
PV array 5: OP 41

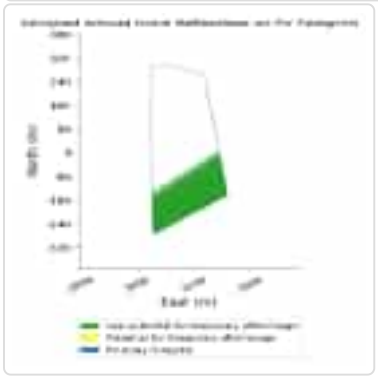
PV array is expected to produce the following glare for this receptor:

- 154 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 42

No glare found

PV array 5: OP 43

No glare found

PV array 5: OP 44

No glare found

PV array 5: OP 45

No glare found

PV array 5: OP 46

No glare found

PV array 5: OP 47

No glare found

PV array 5: OP 48

No glare found

PV array 5: OP 49

No glare found

PV array 5: OP 50

No glare found

PV array 5: OP 51

No glare found

PV array 5: OP 52

No glare found

PV array 5: OP 53

No glare found

PV array 5: OP 54

No glare found

PV array 5: OP 55

No glare found

PV array 5: OP 56

No glare found

PV array 5: OP 57

No glare found

PV array 5: OP 58

No glare found

PV array 5: OP 59

No glare found

PV array 5: OP 60

No glare found

PV array 5: OP 61

No glare found

PV array 5: OP 62

No glare found

PV array 5: OP 63

No glare found

PV array 5: OP 64

No glare found

PV array 5: OP 65

No glare found

PV array 5: OP 66

No glare found

PV array 5: OP 67

No glare found

PV array 5: OP 68

No glare found

PV array 5: OP 69

No glare found

PV array 5: OP 70

No glare found

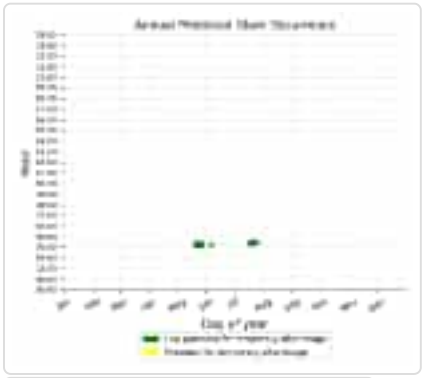
PV array 5: OP 71

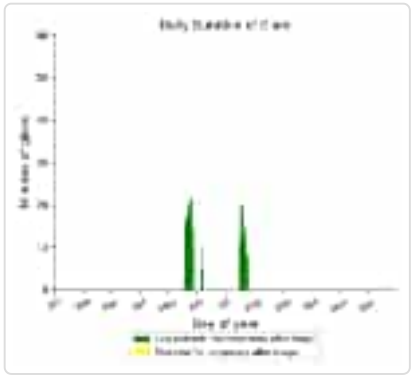
No glare found

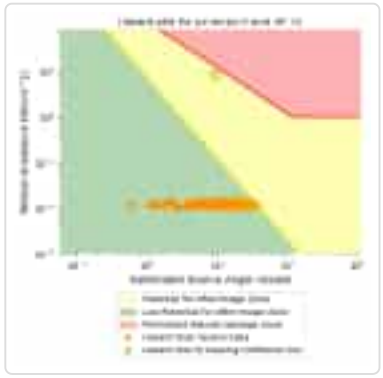
PV array 5: OP 72

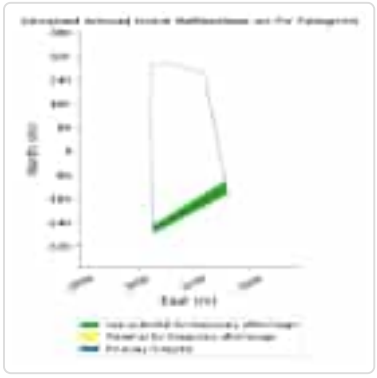
PV array is expected to produce the following glare for this receptor:

- 320 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 73

No glare found

PV array 5: OP 74

No glare found

PV array 5: OP 75

No glare found

PV array 5: OP 76

No glare found

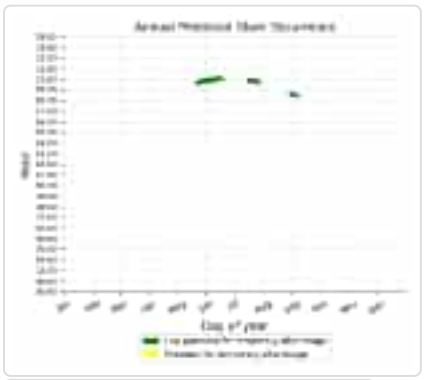
PV array 5: OP 77

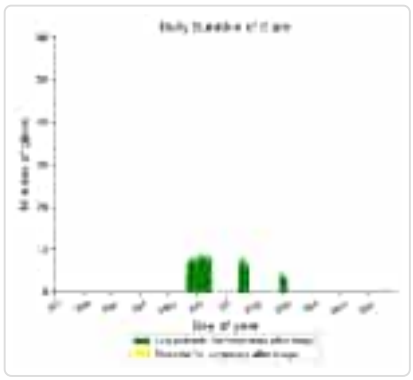
No glare found

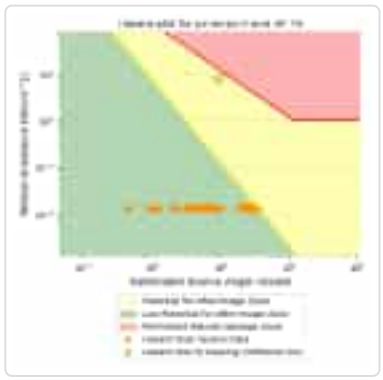
PV array 5: OP 78

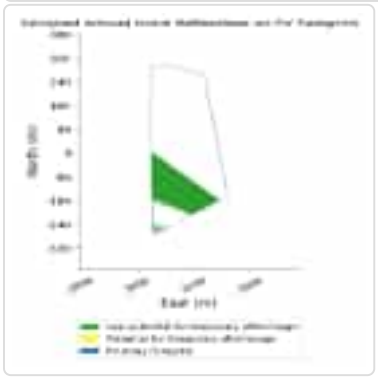
PV array is expected to produce the following glare for this receptor:

- 323 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 79

No glare found

PV array 5: OP 80

No glare found

PV array 6 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	27	0
OP: OP 2	19	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	16	0
OP: OP 6	0	0
OP: OP 7	426	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0

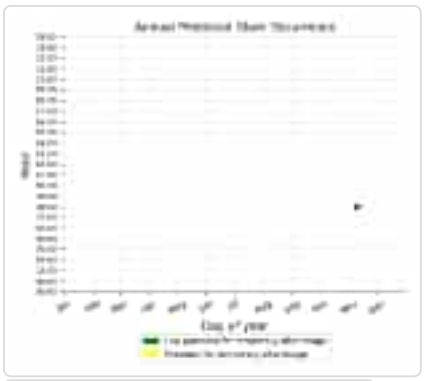
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	43	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	429	0
OP: OP 39	444	0
OP: OP 40	0	0
OP: OP 41	239	0
OP: OP 42	2373	0
OP: OP 43	1543	0
OP: OP 44	1101	0
OP: OP 45	1239	0
OP: OP 46	1043	0
OP: OP 47	768	0
OP: OP 48	3078	25
OP: OP 49	3241	89
OP: OP 50	2848	205
OP: OP 51	3180	468
OP: OP 52	4215	0
OP: OP 53	4766	60
OP: OP 54	4786	931
OP: OP 55	4784	856
OP: OP 56	4140	109
OP: OP 57	3948	568
OP: OP 58	3315	796
OP: OP 59	3134	914
OP: OP 60	3161	1076
OP: OP 61	3061	417
OP: OP 62	3833	1279
OP: OP 63	4260	776
OP: OP 64	4298	1600
OP: OP 65	4794	1254
OP: OP 66	4633	574
OP: OP 67	4419	0
OP: OP 68	1799	0
OP: OP 69	1680	0
OP: OP 70	2209	0
OP: OP 71	3836	264
OP: OP 72	670	33

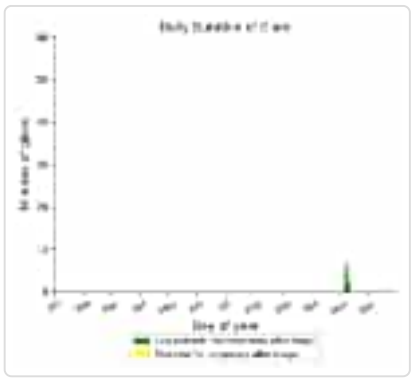
OP: OP 73	738	64
OP: OP 74	736	579
OP: OP 75	953	135
OP: OP 76	663	589
OP: OP 77	649	622
OP: OP 78	871	0
OP: OP 79	131	0
OP: OP 80	29	0

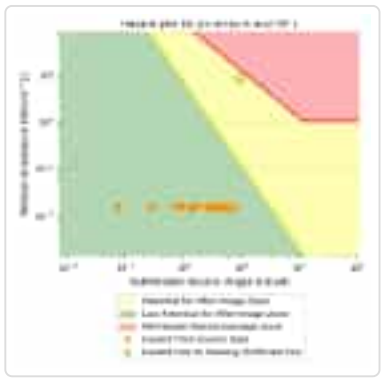
PV array 6: OP 1

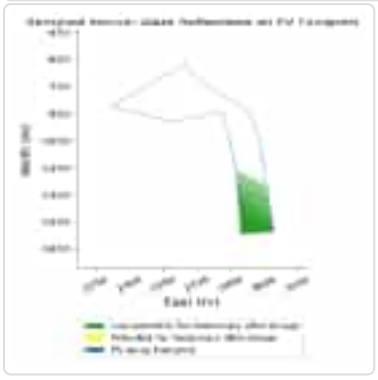
PV array is expected to produce the following glare for this receptor:

- 27 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





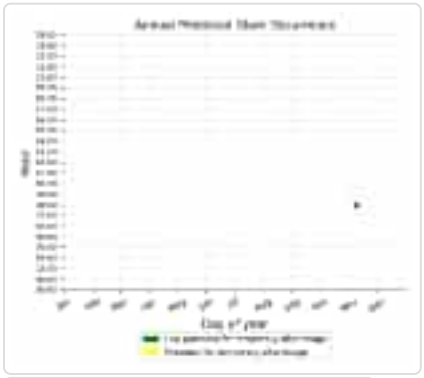


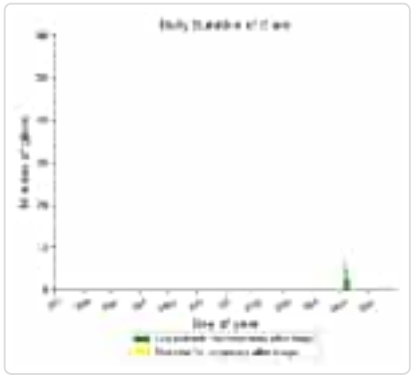


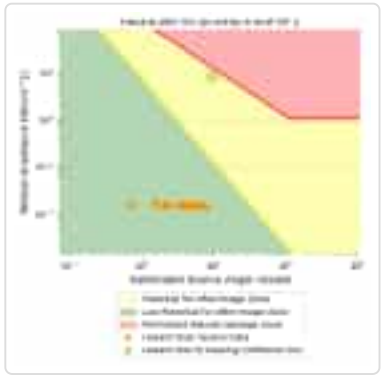
PV array 6: OP 2

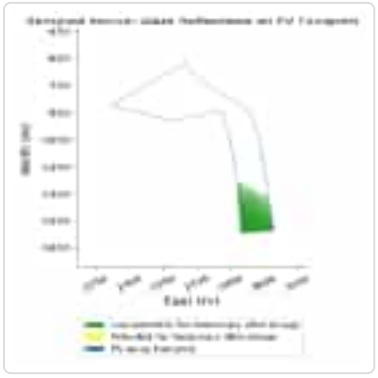
PV array is expected to produce the following glare for this receptor:

- 19 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 3

No glare found

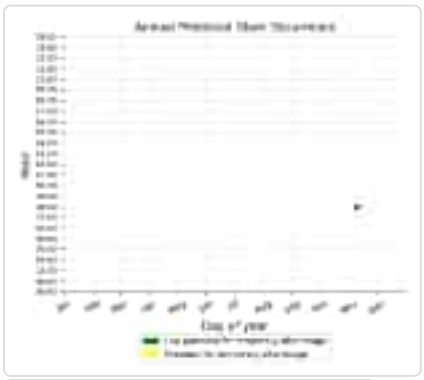
PV array 6: OP 4

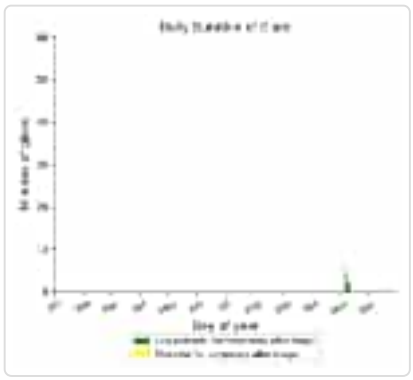
No glare found

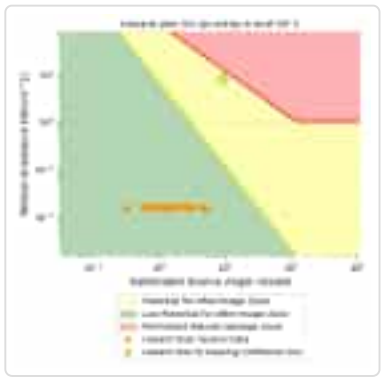
PV array 6: OP 5

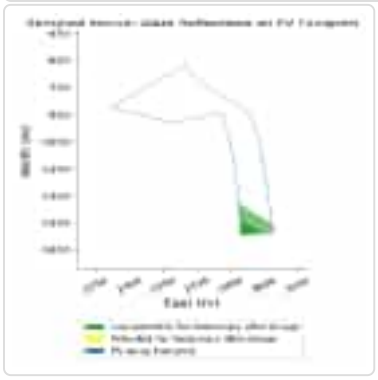
PV array is expected to produce the following glare for this receptor:

- 16 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









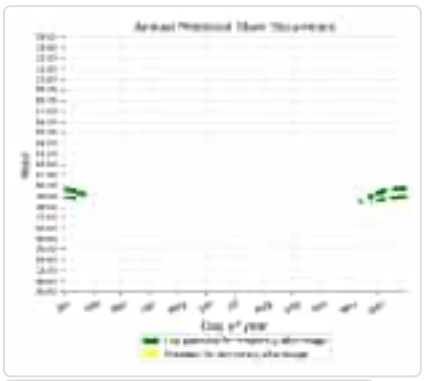
PV array 6: OP 6

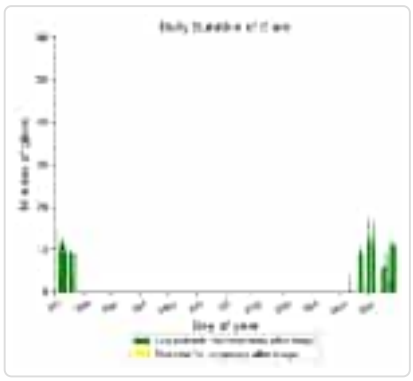
No glare found

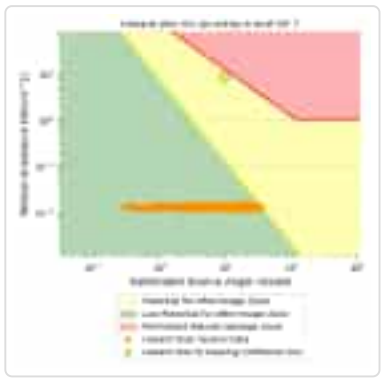
PV array 6: OP 7

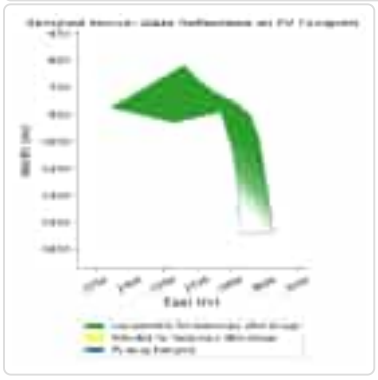
PV array is expected to produce the following glare for this receptor:

- 426 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 8

No glare found

PV array 6: OP 9

No glare found

PV array 6: OP 10

No glare found

PV array 6: OP 11

No glare found

PV array 6: OP 12

No glare found

PV array 6: OP 13

No glare found

PV array 6: OP 14

No glare found

PV array 6: OP 15

No glare found

PV array 6: OP 16

No glare found

PV array 6: OP 17

No glare found

PV array 6: OP 18

No glare found

PV array 6: OP 19

No glare found

PV array 6: OP 20

No glare found

PV array 6: OP 21

No glare found

PV array 6: OP 22

No glare found

PV array 6: OP 23

No glare found

PV array 6: OP 24

No glare found

PV array 6: OP 25

No glare found

PV array 6: OP 26

No glare found

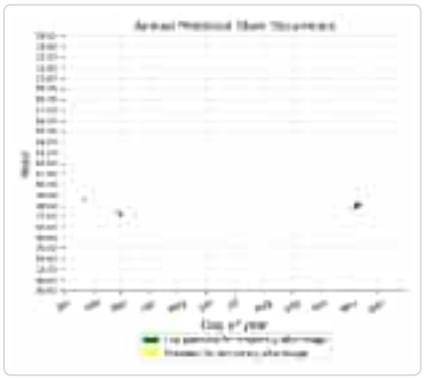
PV array 6: OP 27

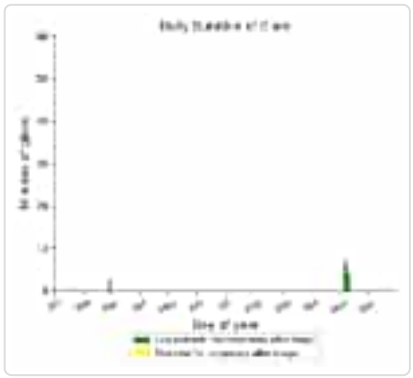
No glare found

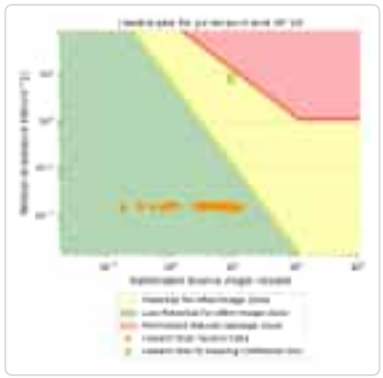
PV array 6: OP 28

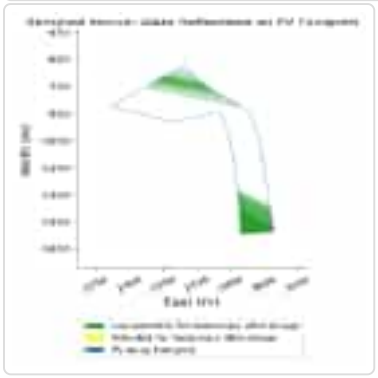
PV array is expected to produce the following glare for this receptor:

- 43 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 29

No glare found

PV array 6: OP 30

No glare found

PV array 6: OP 31

No glare found

PV array 6: OP 32

No glare found

PV array 6: OP 33

No glare found

PV array 6: OP 34

No glare found

PV array 6: OP 35

No glare found

PV array 6: OP 36

No glare found

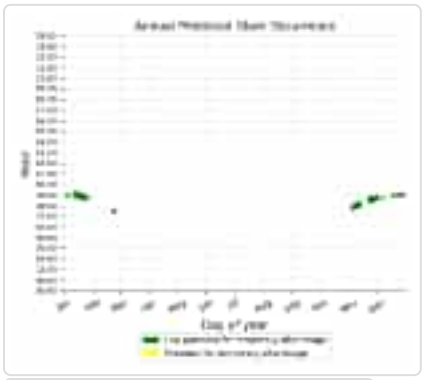
PV array 6: OP 37

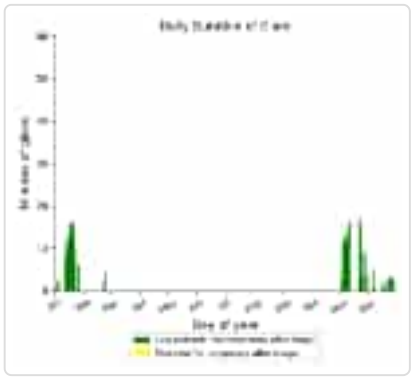
No glare found

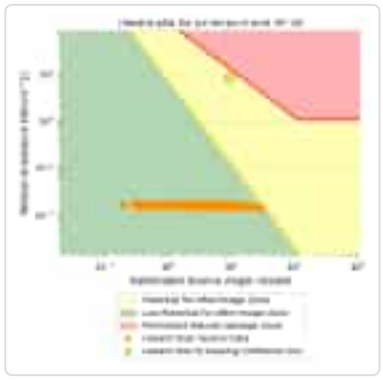
PV array 6: OP 38

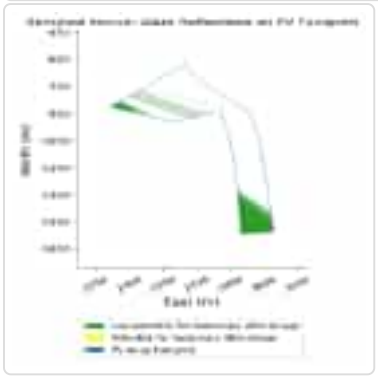
PV array is expected to produce the following glare for this receptor:

- 429 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





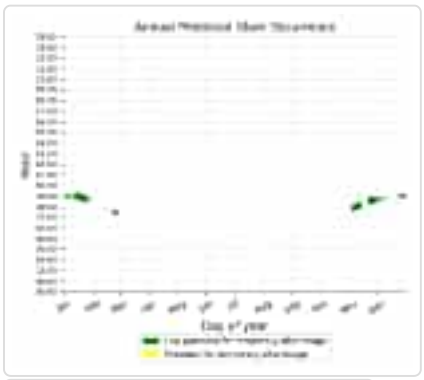


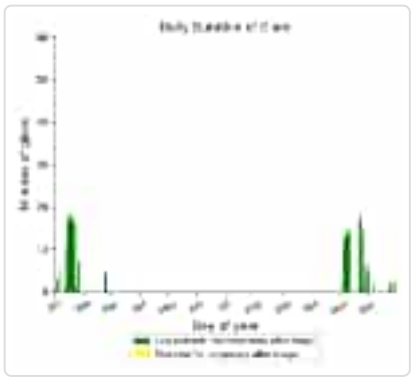


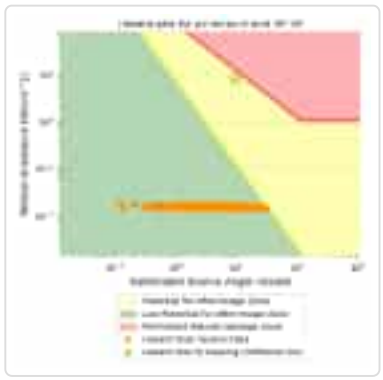
PV array 6: OP 39

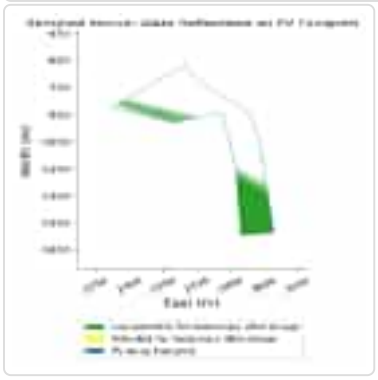
PV array is expected to produce the following glare for this receptor:

- 444 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









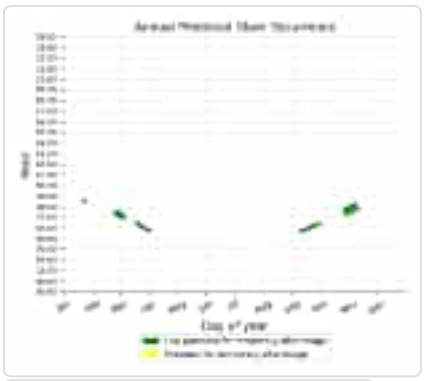
PV array 6: OP 40

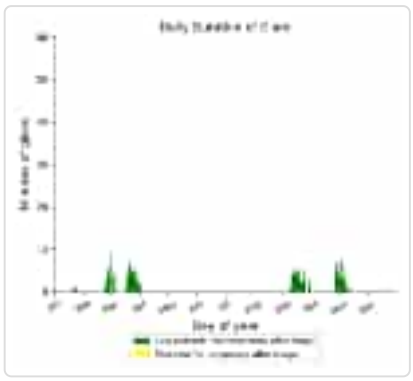
No glare found

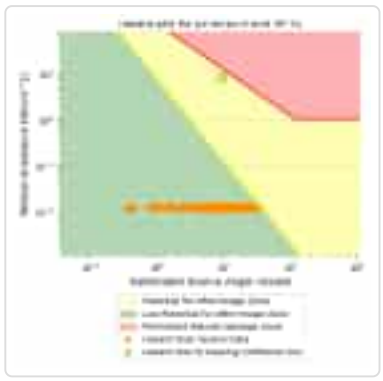
PV array 6: OP 41

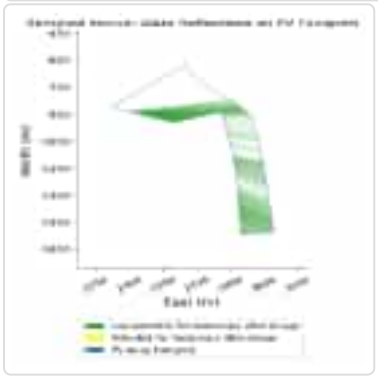
PV array is expected to produce the following glare for this receptor:

- 239 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





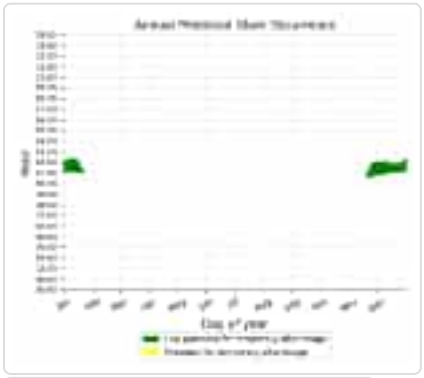


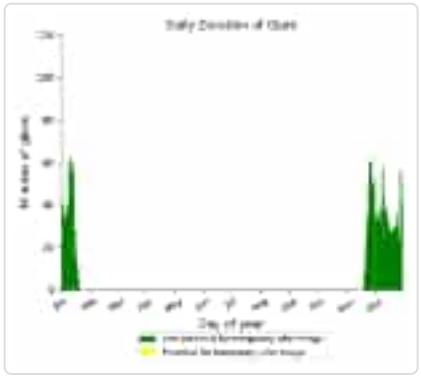


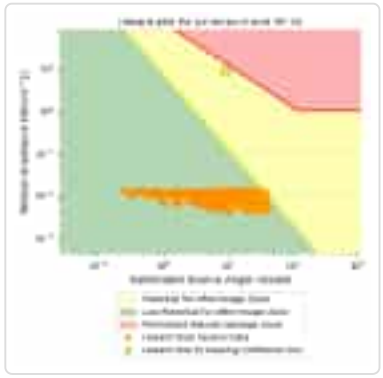
PV array 6: OP 42

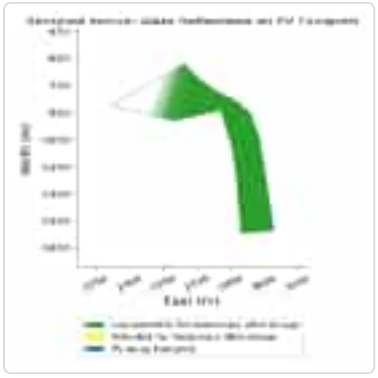
PV array is expected to produce the following glare for this receptor:

- 2,373 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





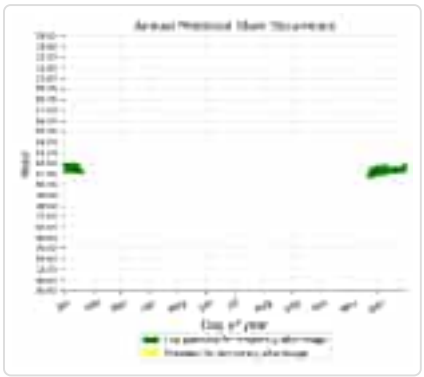


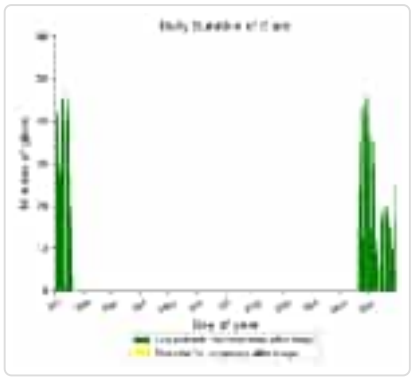


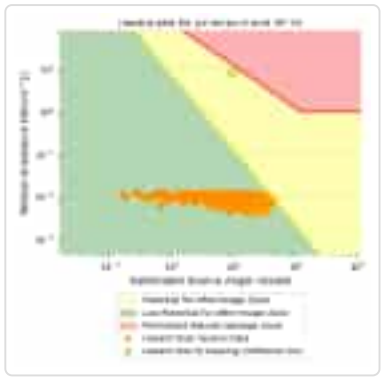
PV array 6: OP 43

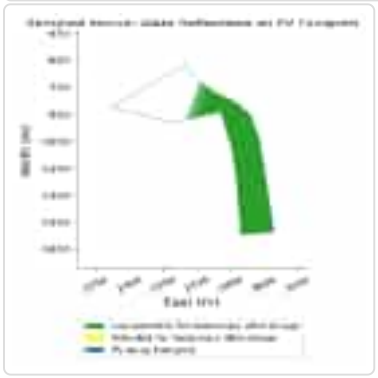
PV array is expected to produce the following glare for this receptor:

- 1,543 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





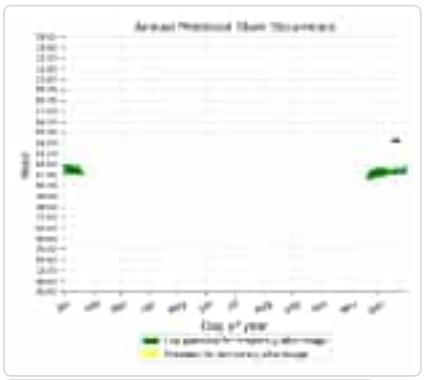


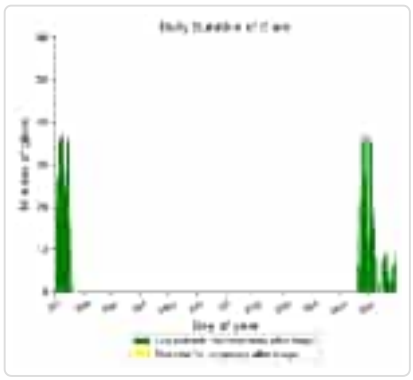


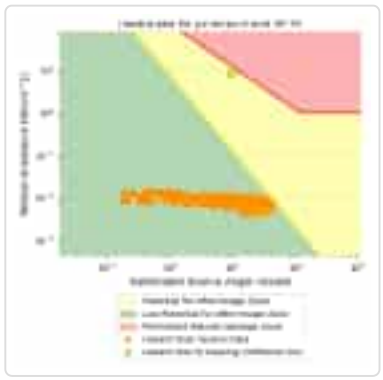
PV array 6: OP 44

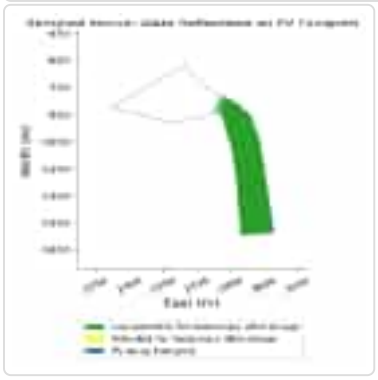
PV array is expected to produce the following glare for this receptor:

- 1,101 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





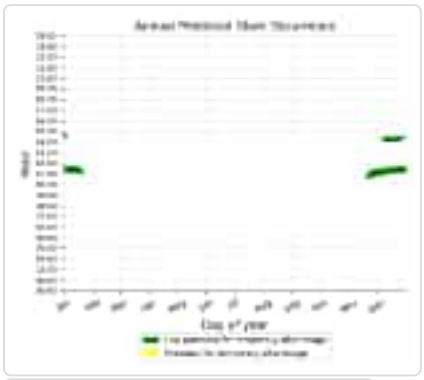


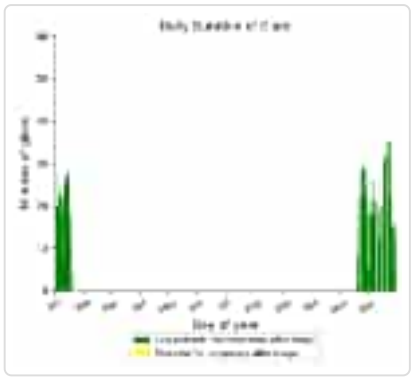


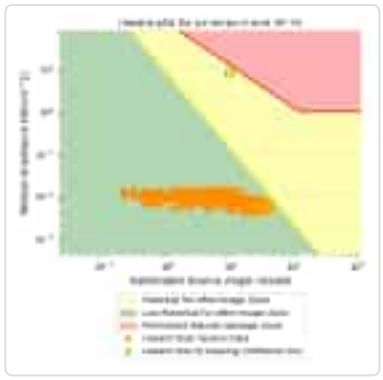
PV array 6: OP 45

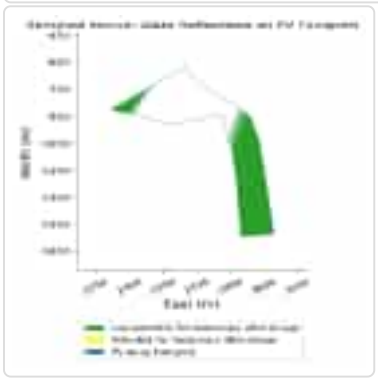
PV array is expected to produce the following glare for this receptor:

- 1,239 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





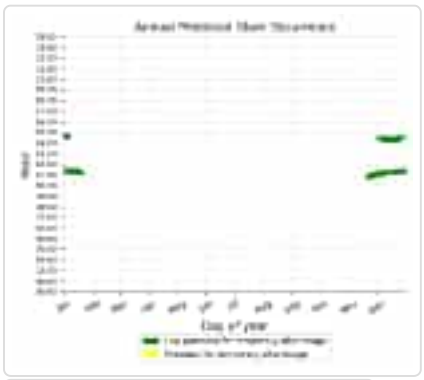


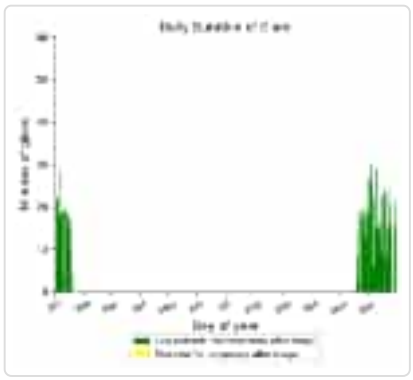


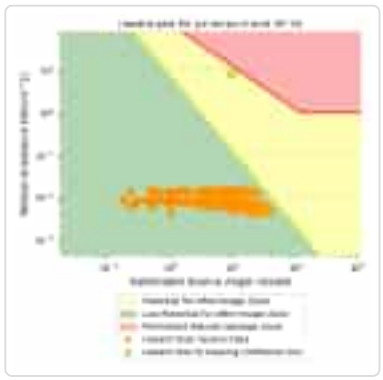
PV array 6: OP 46

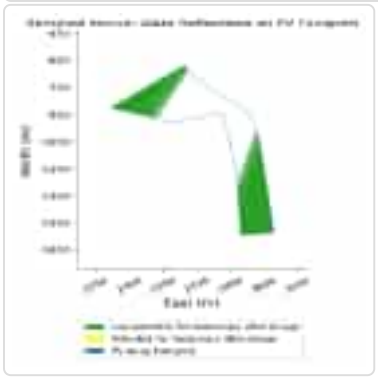
PV array is expected to produce the following glare for this receptor:

- 1,043 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





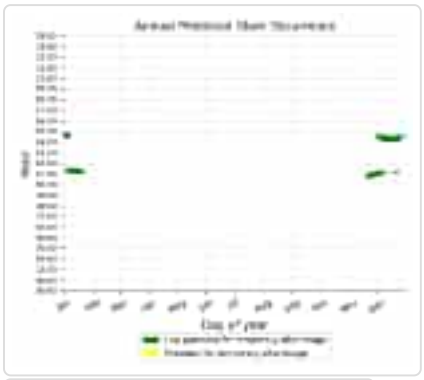


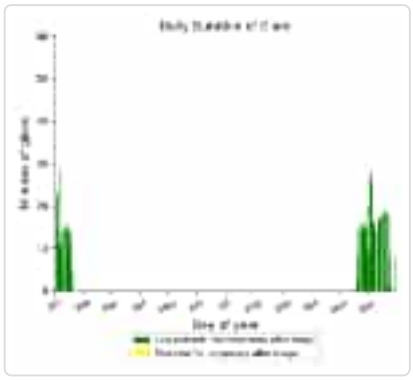


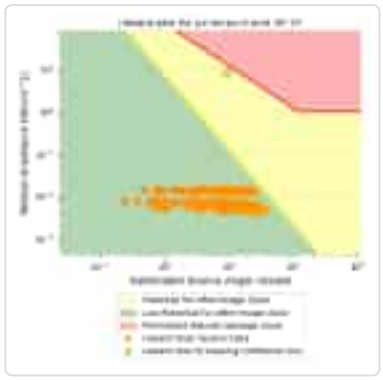
PV array 6: OP 47

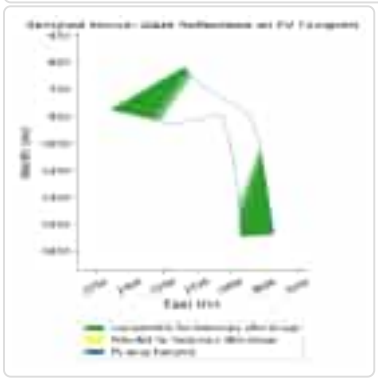
PV array is expected to produce the following glare for this receptor:

- 768 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





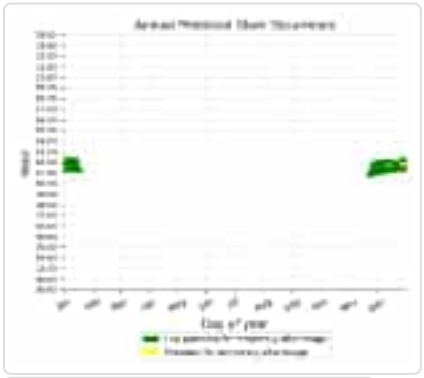


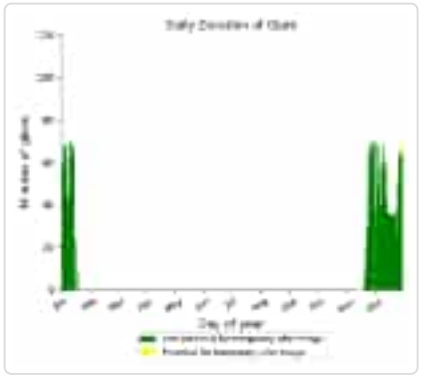


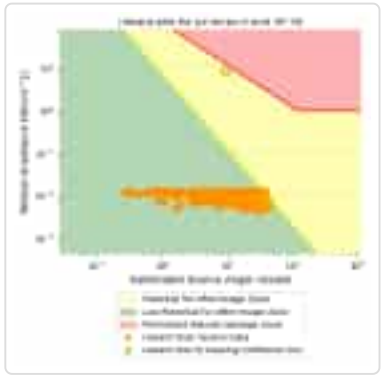
PV array 6: OP 48

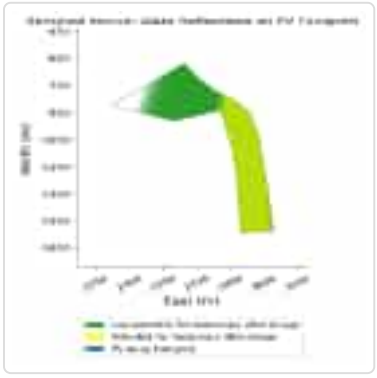
PV array is expected to produce the following glare for this receptor:

- 3,078 minutes of "green" glare with low potential to cause temporary after-image.
- 25 minutes of "yellow" glare with potential to cause temporary after-image.





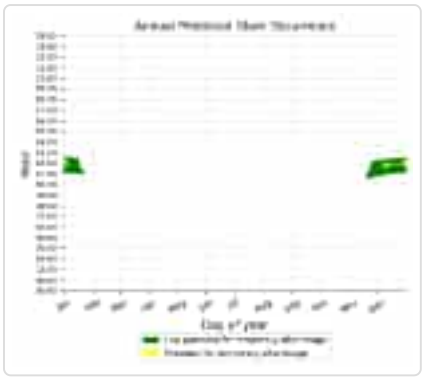


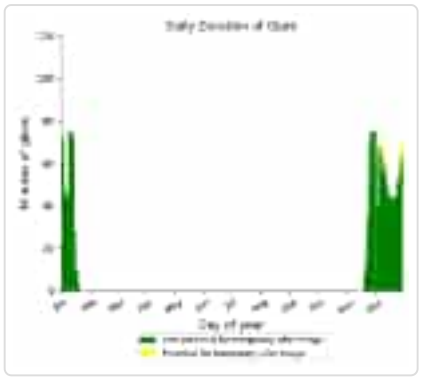


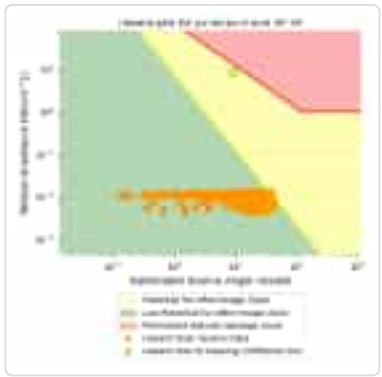
PV array 6: OP 49

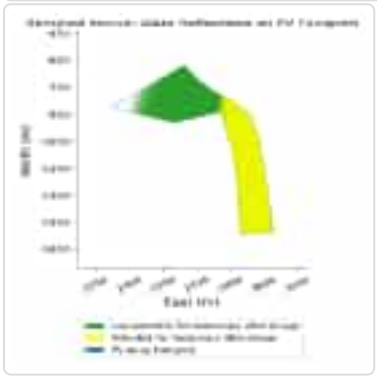
PV array is expected to produce the following glare for this receptor:

- 3,241 minutes of "green" glare with low potential to cause temporary after-image.
- 89 minutes of "yellow" glare with potential to cause temporary after-image.





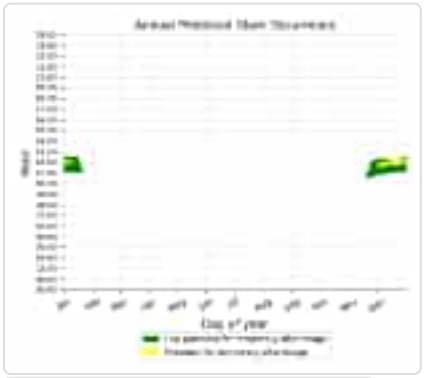


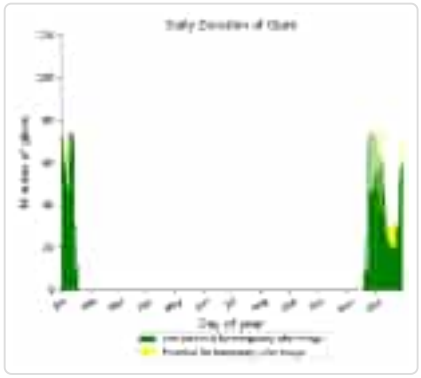


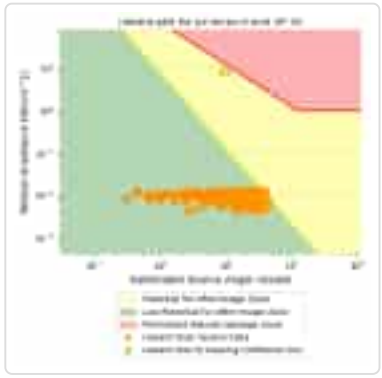
PV array 6: OP 50

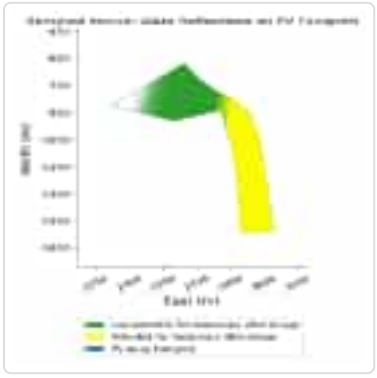
PV array is expected to produce the following glare for this receptor:

- 2,848 minutes of "green" glare with low potential to cause temporary after-image.
- 205 minutes of "yellow" glare with potential to cause temporary after-image.





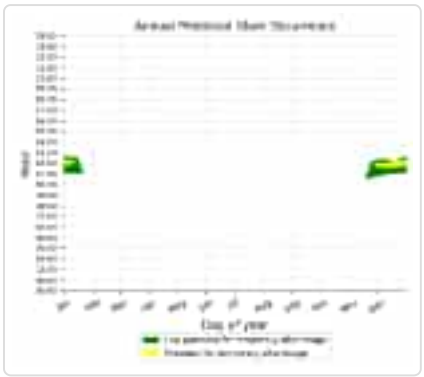


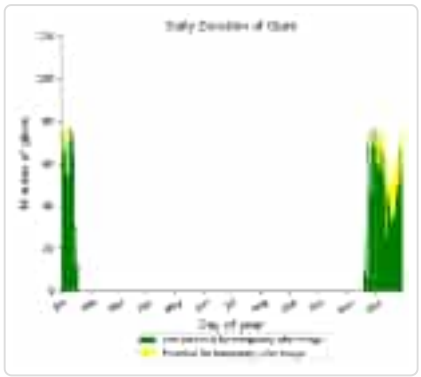


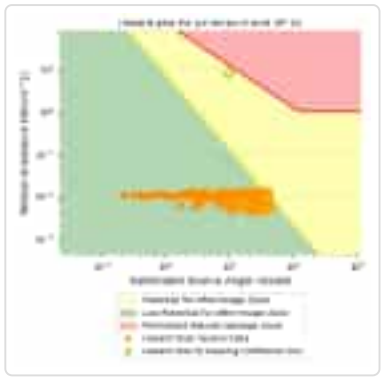
PV array 6: OP 51

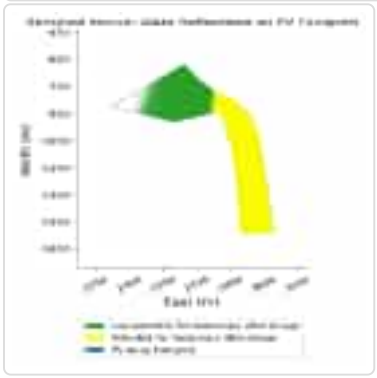
PV array is expected to produce the following glare for this receptor:

- 3,180 minutes of "green" glare with low potential to cause temporary after-image.
- 468 minutes of "yellow" glare with potential to cause temporary after-image.





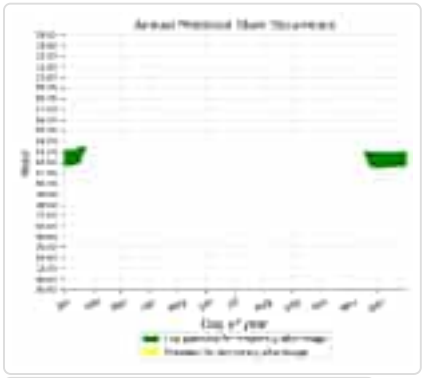


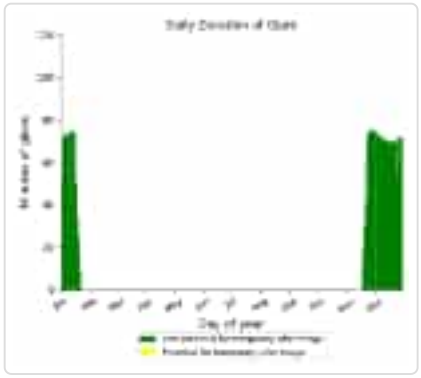


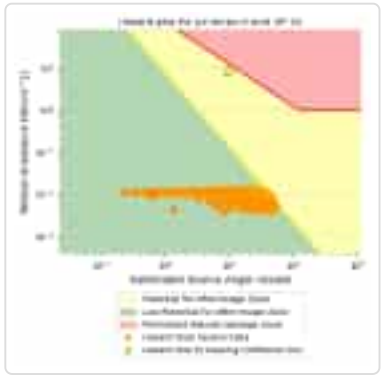
PV array 6: OP 52

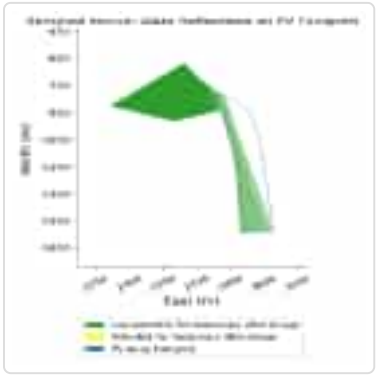
PV array is expected to produce the following glare for this receptor:

- 4,215 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





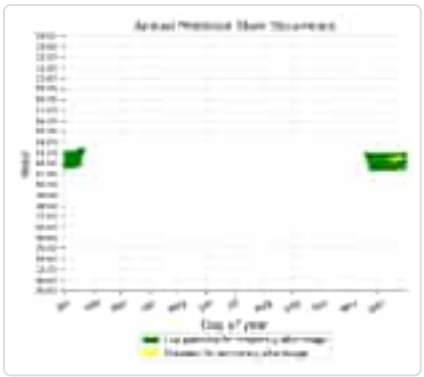


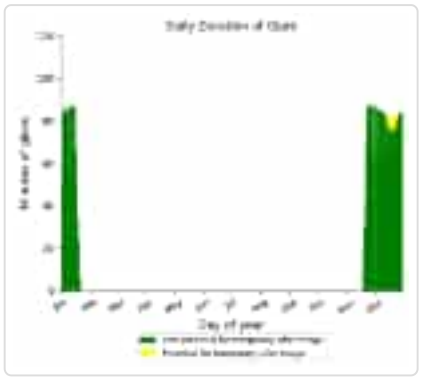


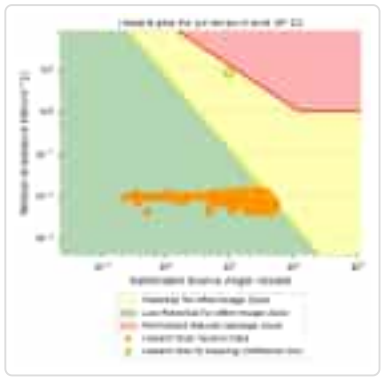
PV array 6: OP 53

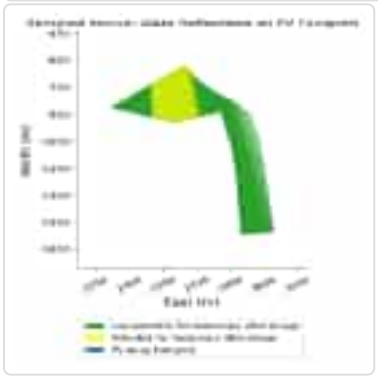
PV array is expected to produce the following glare for this receptor:

- 4,766 minutes of "green" glare with low potential to cause temporary after-image.
- 60 minutes of "yellow" glare with potential to cause temporary after-image.





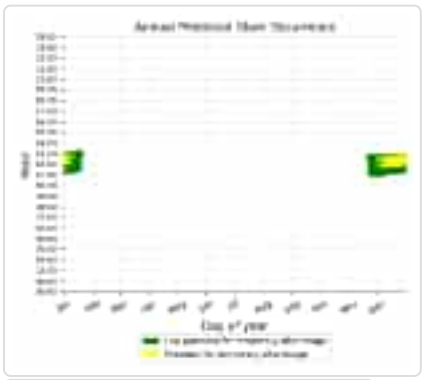


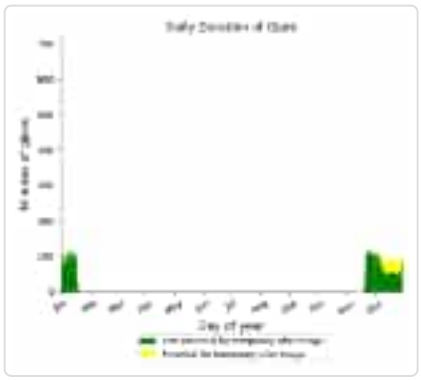


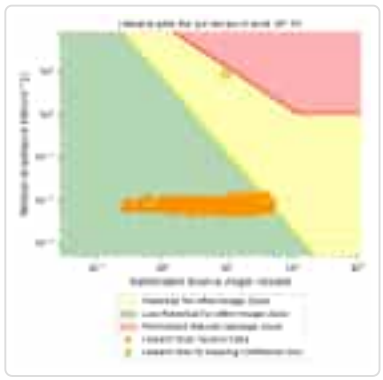
PV array 6: OP 54

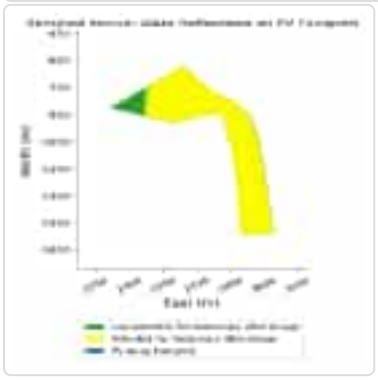
PV array is expected to produce the following glare for this receptor:

- 4,786 minutes of "green" glare with low potential to cause temporary after-image.
- 931 minutes of "yellow" glare with potential to cause temporary after-image.





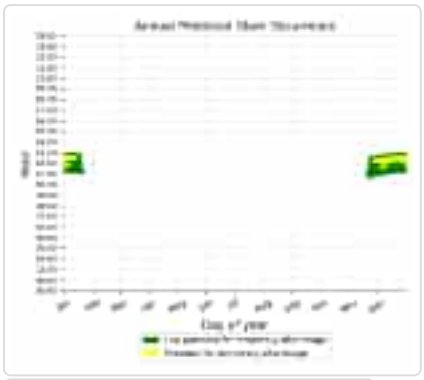


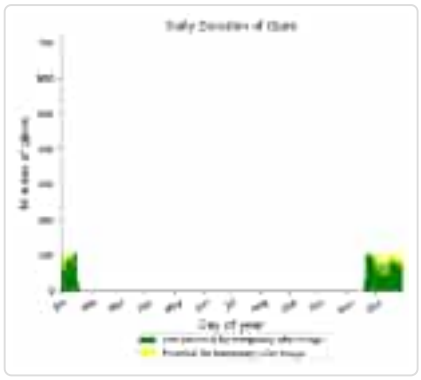


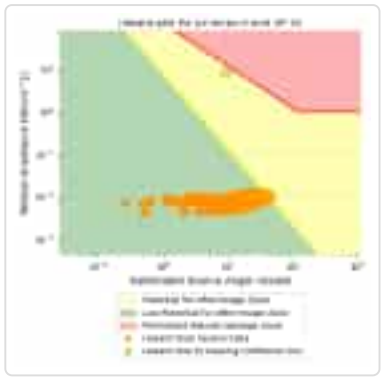
PV array 6: OP 55

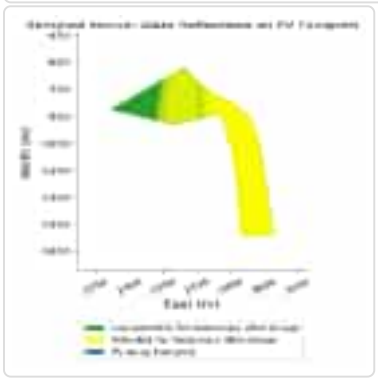
PV array is expected to produce the following glare for this receptor:

- 4,784 minutes of "green" glare with low potential to cause temporary after-image.
- 856 minutes of "yellow" glare with potential to cause temporary after-image.





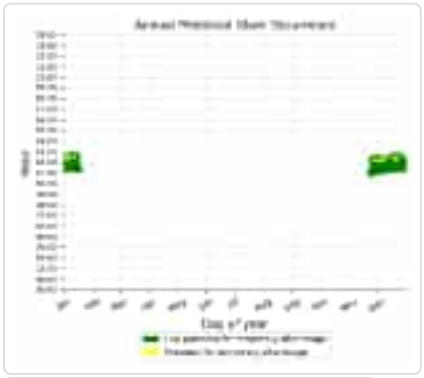


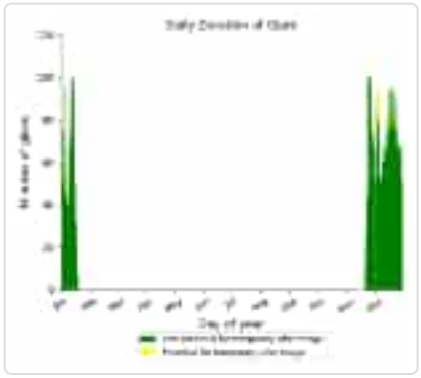


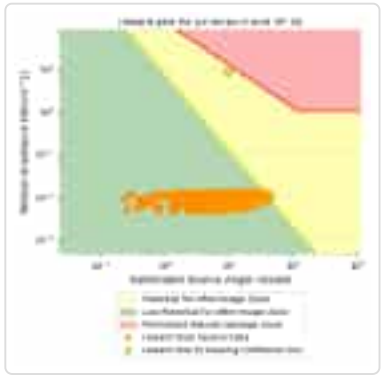
PV array 6: OP 56

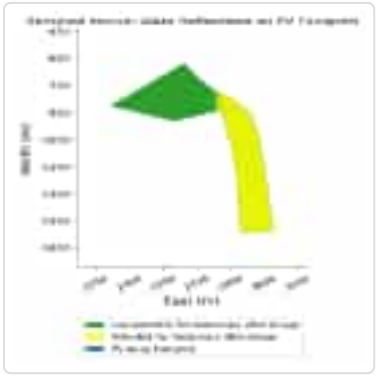
PV array is expected to produce the following glare for this receptor:

- 4,140 minutes of "green" glare with low potential to cause temporary after-image.
- 109 minutes of "yellow" glare with potential to cause temporary after-image.





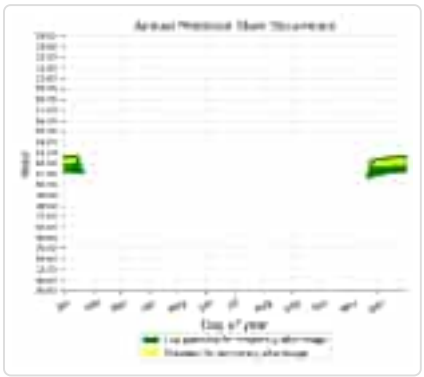


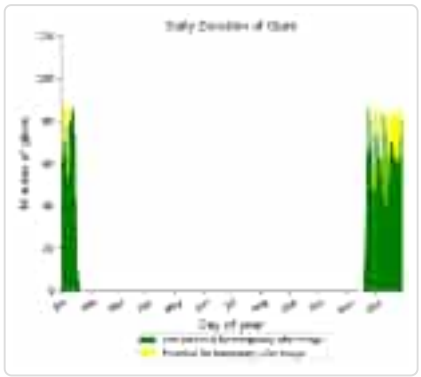


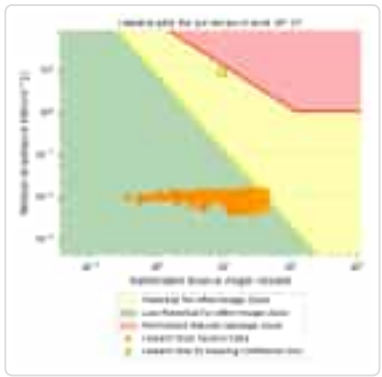
PV array 6: OP 57

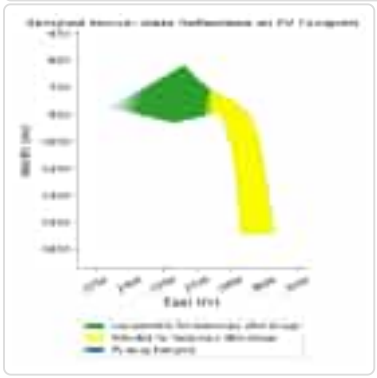
PV array is expected to produce the following glare for this receptor:

- 3,948 minutes of "green" glare with low potential to cause temporary after-image.
- 568 minutes of "yellow" glare with potential to cause temporary after-image.





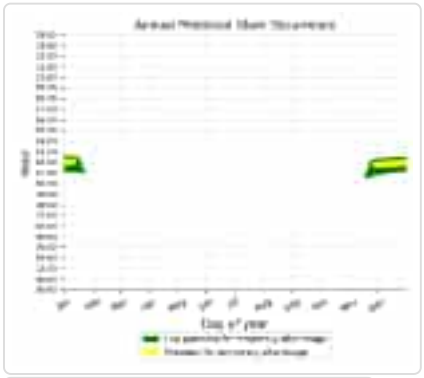


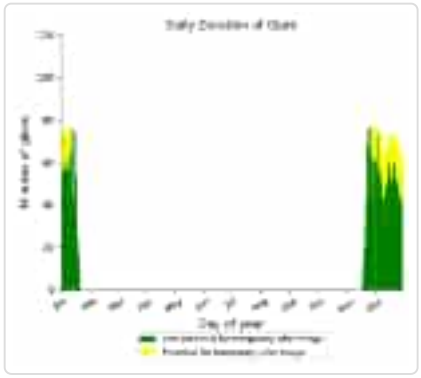


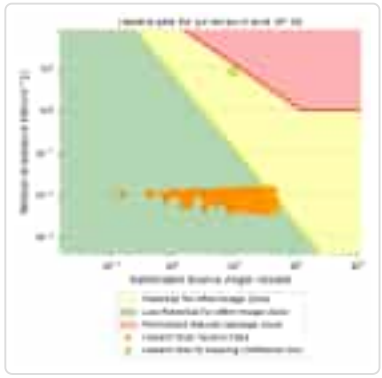
PV array 6: OP 58

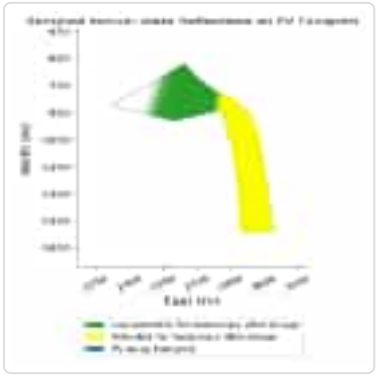
PV array is expected to produce the following glare for this receptor:

- 3,315 minutes of "green" glare with low potential to cause temporary after-image.
- 796 minutes of "yellow" glare with potential to cause temporary after-image.





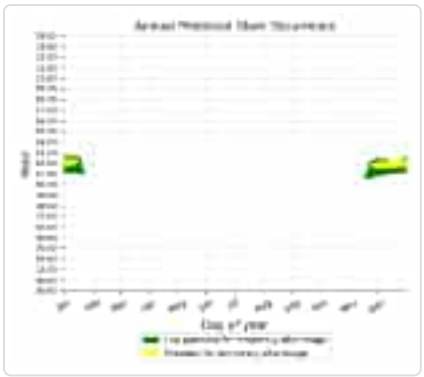


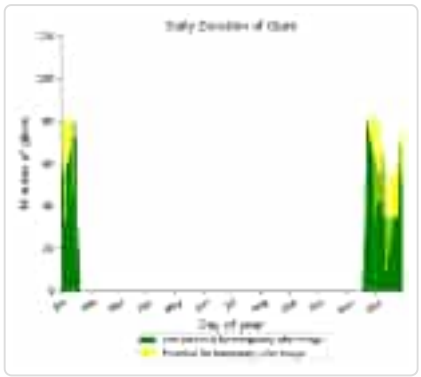


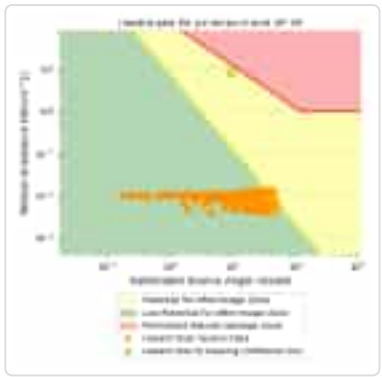
PV array 6: OP 59

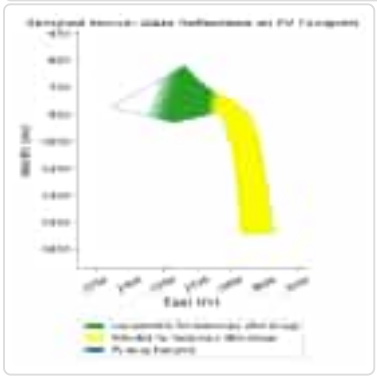
PV array is expected to produce the following glare for this receptor:

- 3,134 minutes of "green" glare with low potential to cause temporary after-image.
- 914 minutes of "yellow" glare with potential to cause temporary after-image.





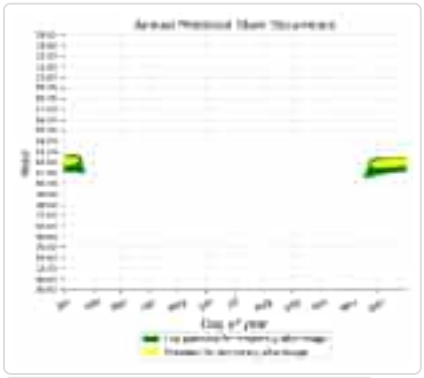


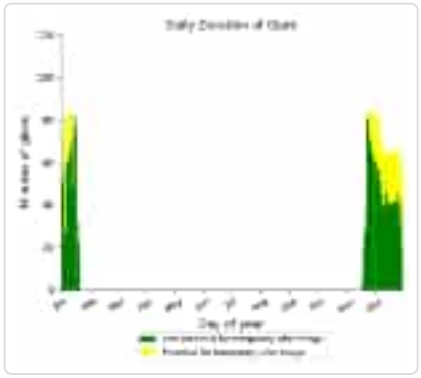


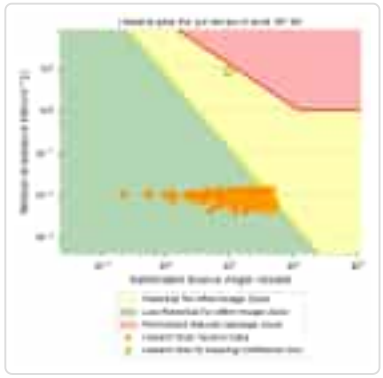
PV array 6: OP 60

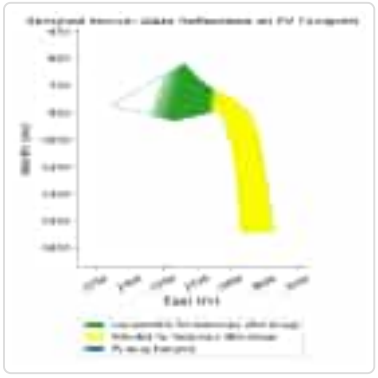
PV array is expected to produce the following glare for this receptor:

- 3,161 minutes of "green" glare with low potential to cause temporary after-image.
- 1,076 minutes of "yellow" glare with potential to cause temporary after-image.





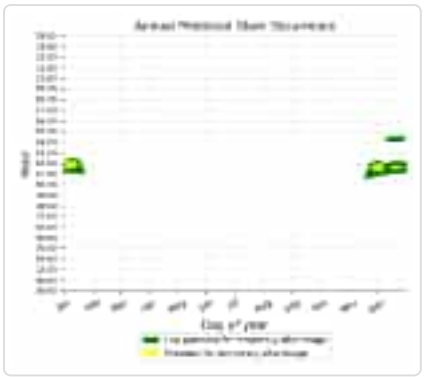


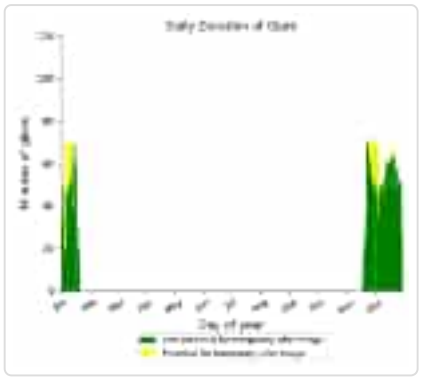


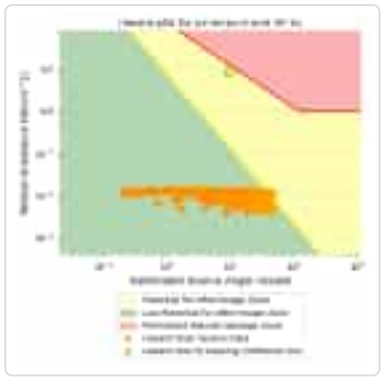
PV array 6: OP 61

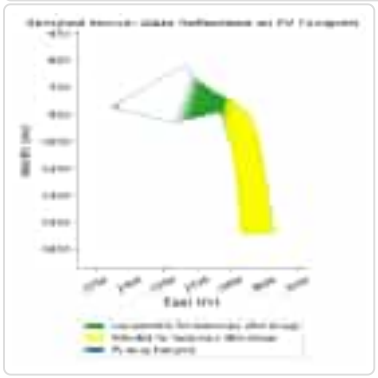
PV array is expected to produce the following glare for this receptor:

- 3,061 minutes of "green" glare with low potential to cause temporary after-image.
- 417 minutes of "yellow" glare with potential to cause temporary after-image.





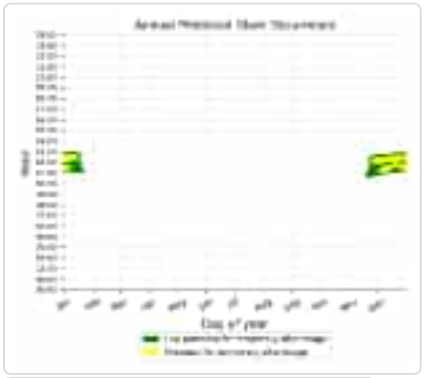


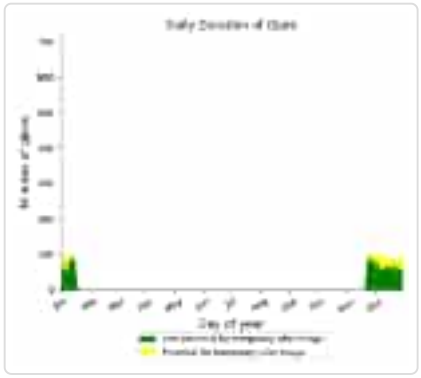


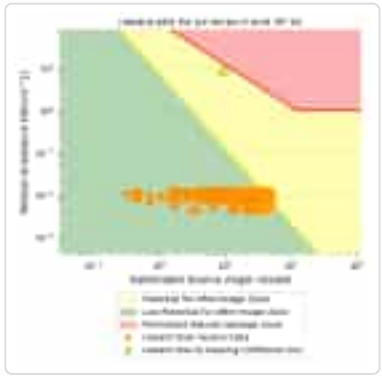
PV array 6: OP 62

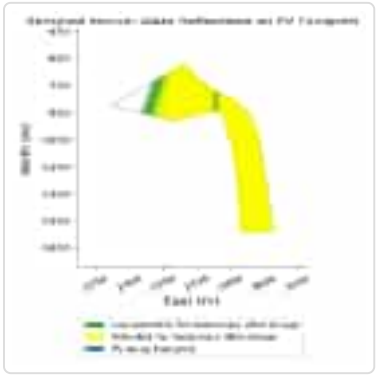
PV array is expected to produce the following glare for this receptor:

- 3,833 minutes of "green" glare with low potential to cause temporary after-image.
- 1,279 minutes of "yellow" glare with potential to cause temporary after-image.





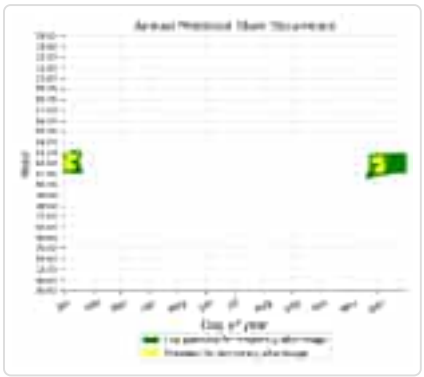


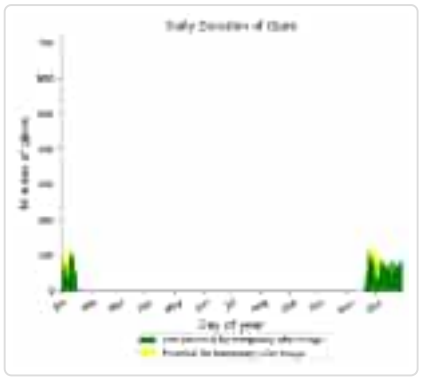


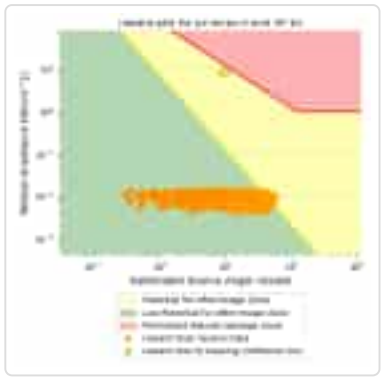
PV array 6: OP 63

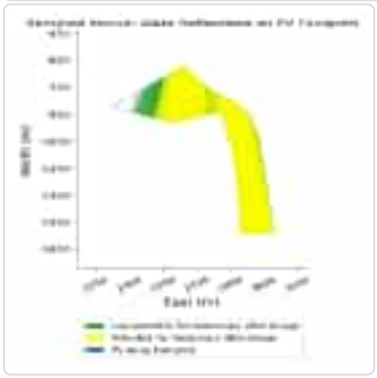
PV array is expected to produce the following glare for this receptor:

- 4,260 minutes of "green" glare with low potential to cause temporary after-image.
- 776 minutes of "yellow" glare with potential to cause temporary after-image.





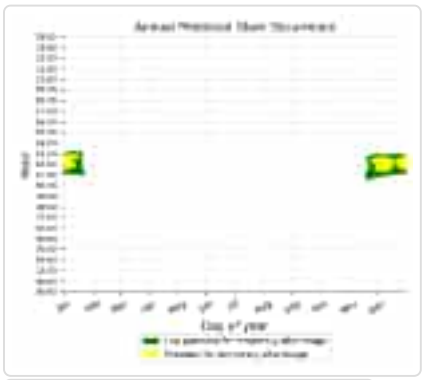


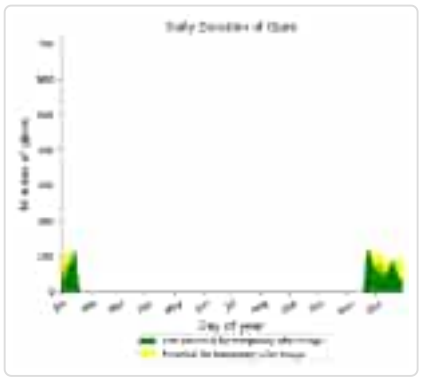


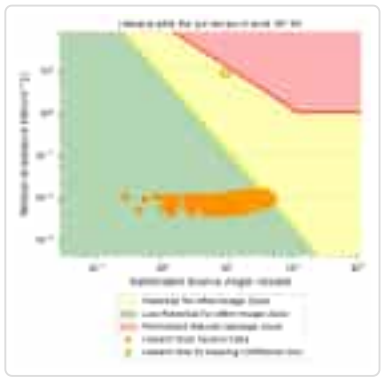
PV array 6: OP 64

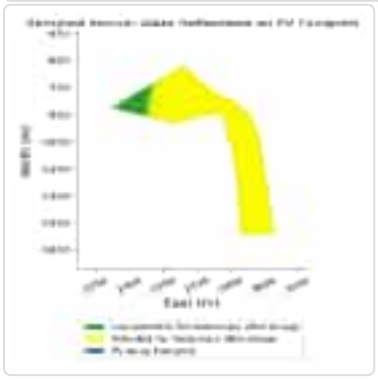
PV array is expected to produce the following glare for this receptor:

- 4,298 minutes of "green" glare with low potential to cause temporary after-image.
- 1,600 minutes of "yellow" glare with potential to cause temporary after-image.





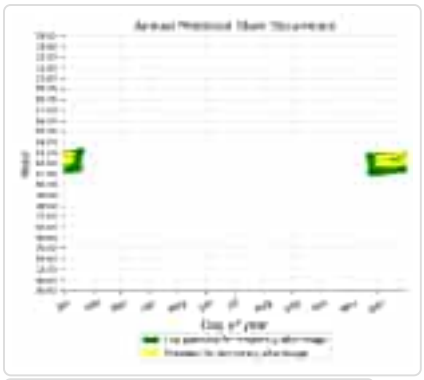


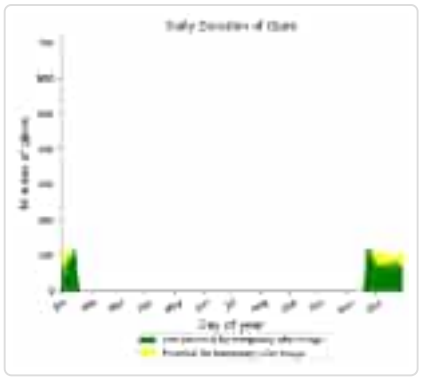


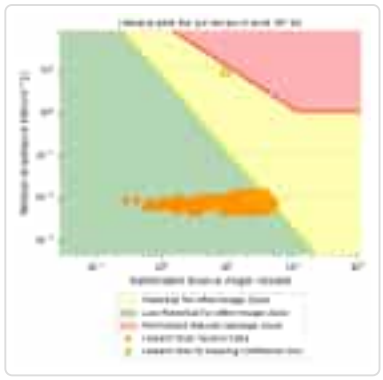
PV array 6: OP 65

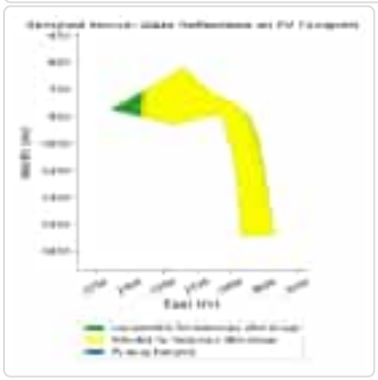
PV array is expected to produce the following glare for this receptor:

- 4,794 minutes of "green" glare with low potential to cause temporary after-image.
- 1,254 minutes of "yellow" glare with potential to cause temporary after-image.





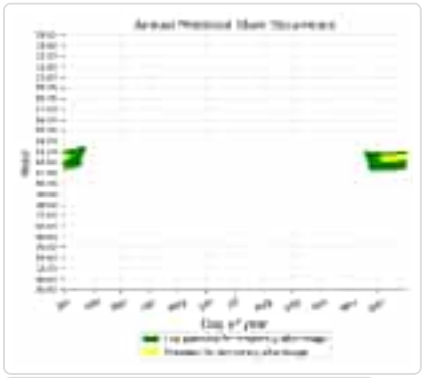


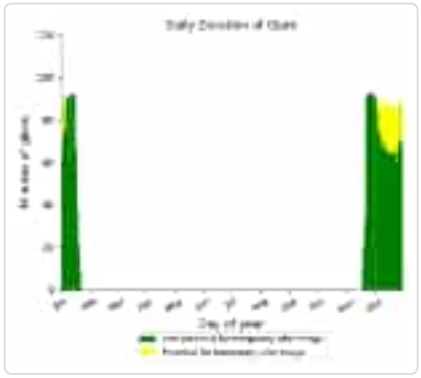


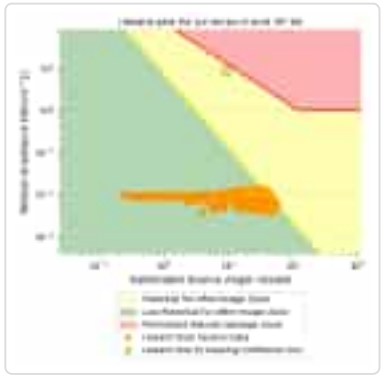
PV array 6: OP 66

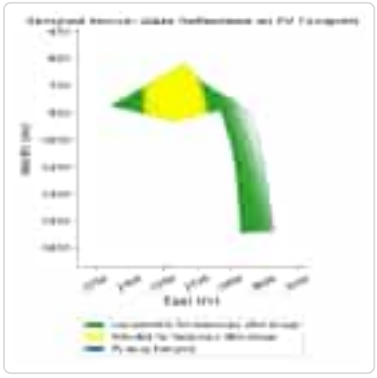
PV array is expected to produce the following glare for this receptor:

- 4,633 minutes of "green" glare with low potential to cause temporary after-image.
- 574 minutes of "yellow" glare with potential to cause temporary after-image.





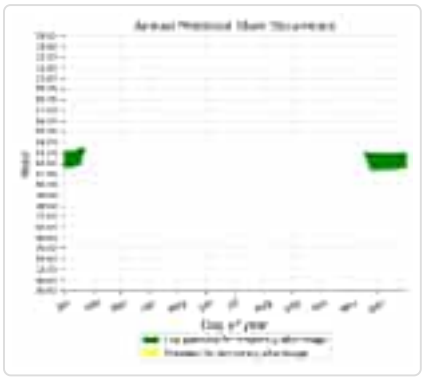


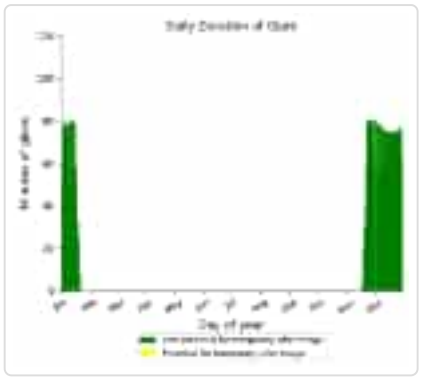


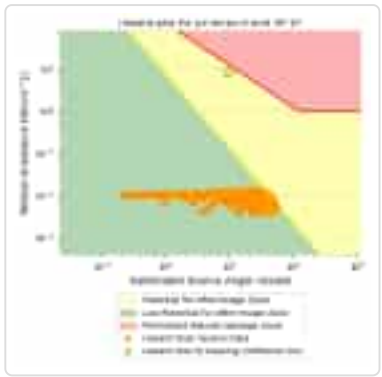
PV array 6: OP 67

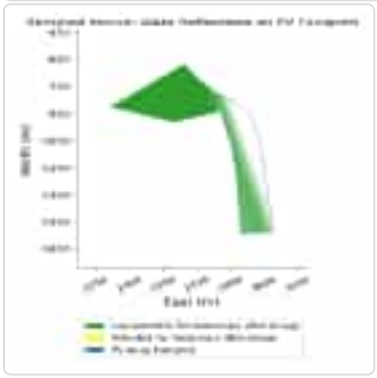
PV array is expected to produce the following glare for this receptor:

- 4,419 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





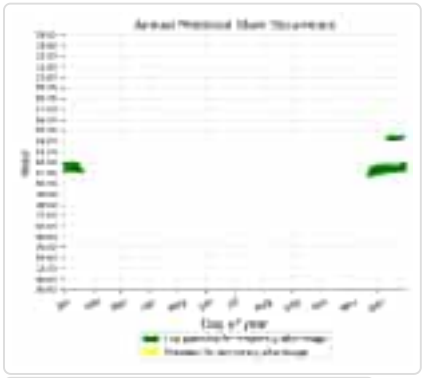


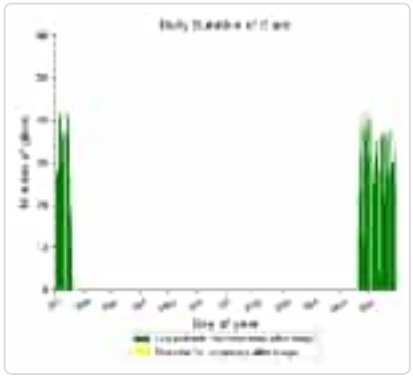


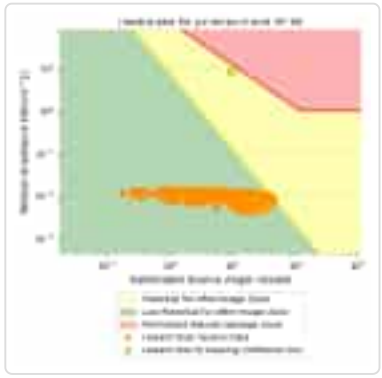
PV array 6: OP 68

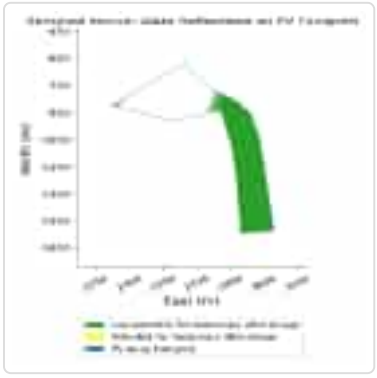
PV array is expected to produce the following glare for this receptor:

- 1,799 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





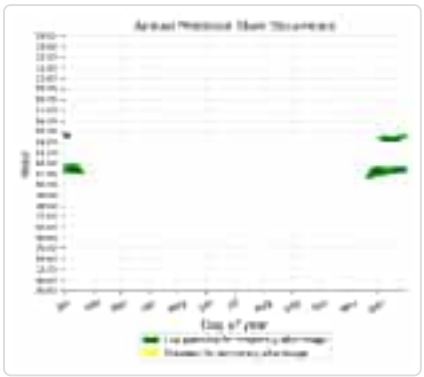


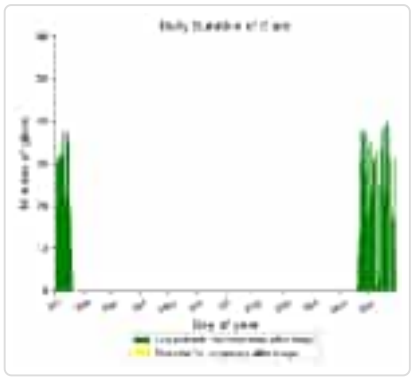


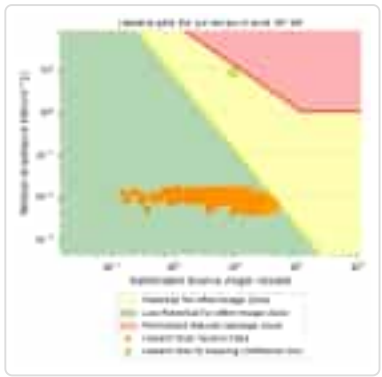
PV array 6: OP 69

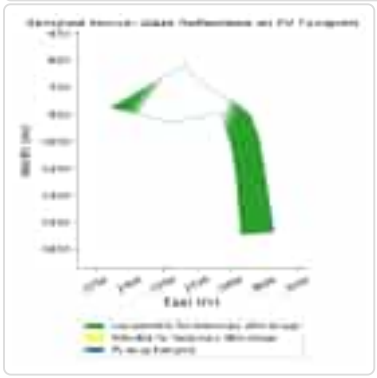
PV array is expected to produce the following glare for this receptor:

- 1,680 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





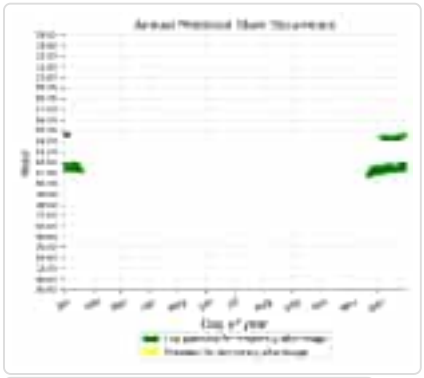


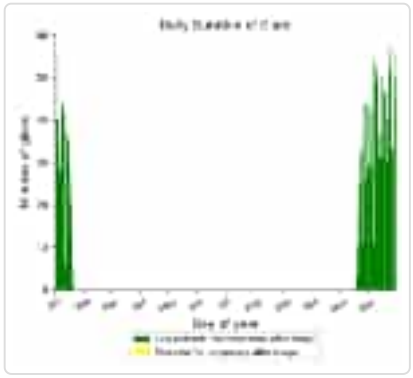


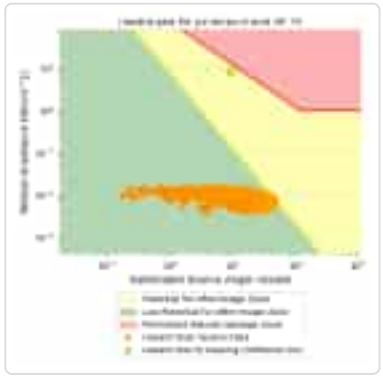
PV array 6: OP 70

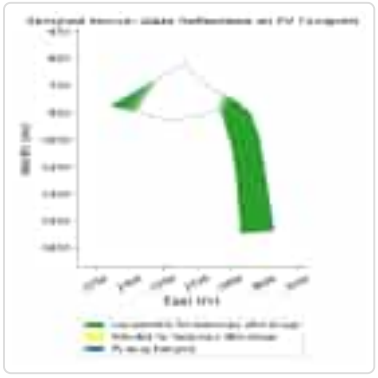
PV array is expected to produce the following glare for this receptor:

- 2,209 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





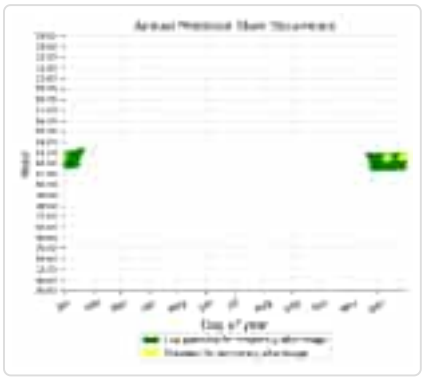


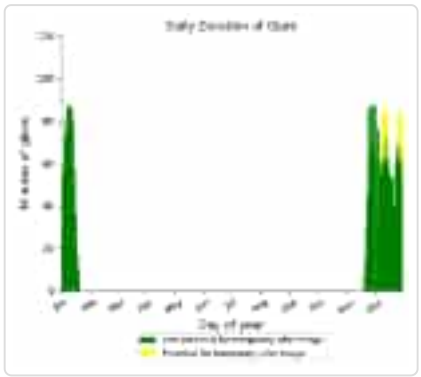


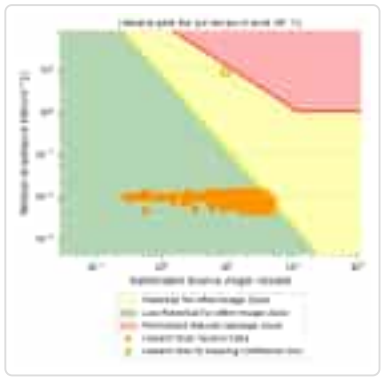
PV array 6: OP 71

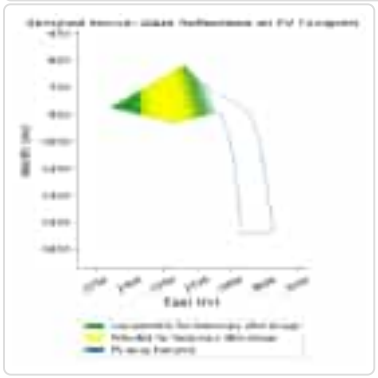
PV array is expected to produce the following glare for this receptor:

- 3,836 minutes of "green" glare with low potential to cause temporary after-image.
- 264 minutes of "yellow" glare with potential to cause temporary after-image.





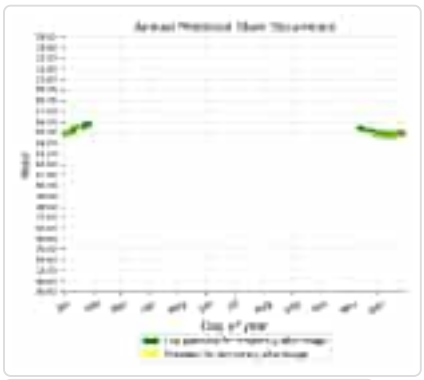


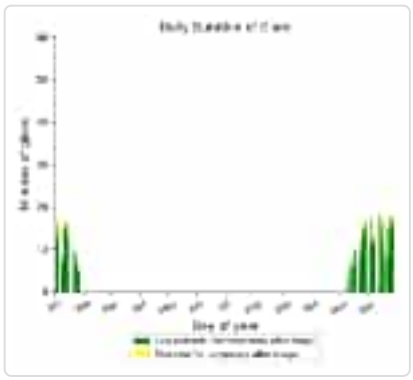


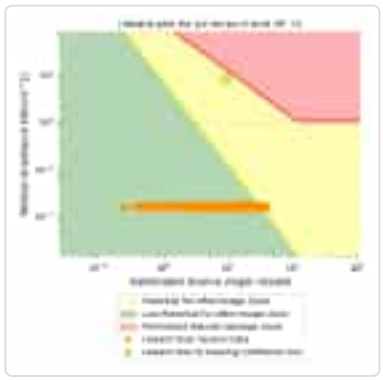
PV array 6: OP 72

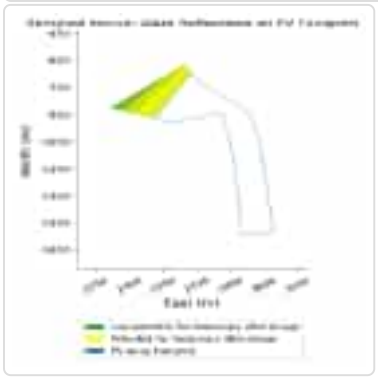
PV array is expected to produce the following glare for this receptor:

- 670 minutes of "green" glare with low potential to cause temporary after-image.
- 33 minutes of "yellow" glare with potential to cause temporary after-image.





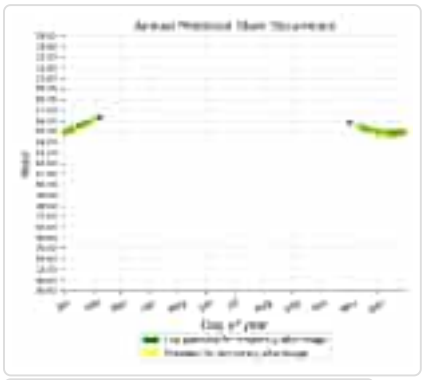


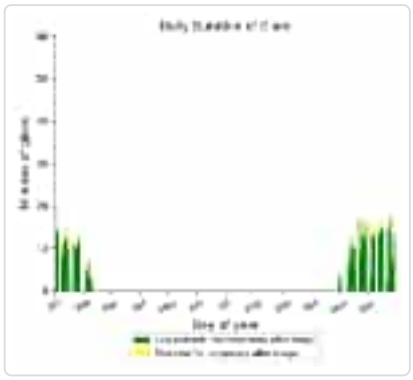


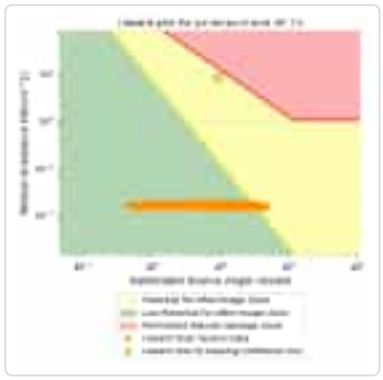
PV array 6: OP 73

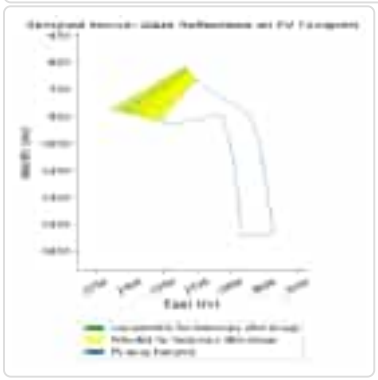
PV array is expected to produce the following glare for this receptor:

- 738 minutes of "green" glare with low potential to cause temporary after-image.
- 64 minutes of "yellow" glare with potential to cause temporary after-image.





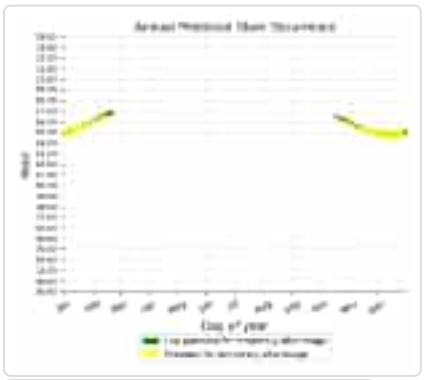


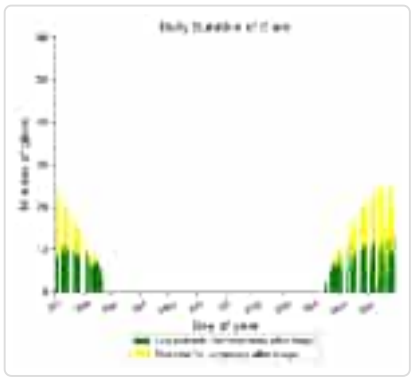


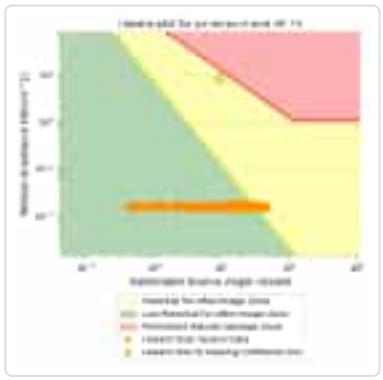
PV array 6: OP 74

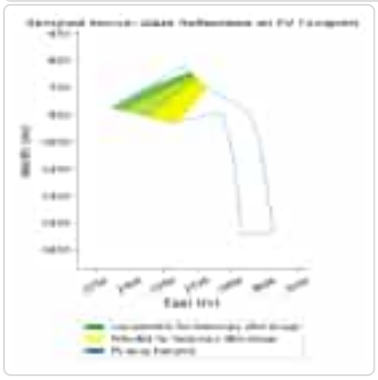
PV array is expected to produce the following glare for this receptor:

- 736 minutes of "green" glare with low potential to cause temporary after-image.
- 579 minutes of "yellow" glare with potential to cause temporary after-image.





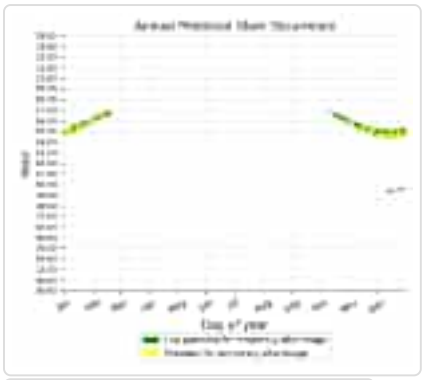


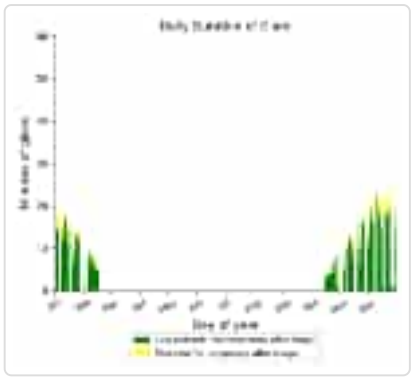


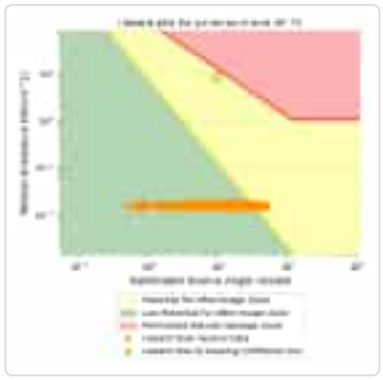
PV array 6: OP 75

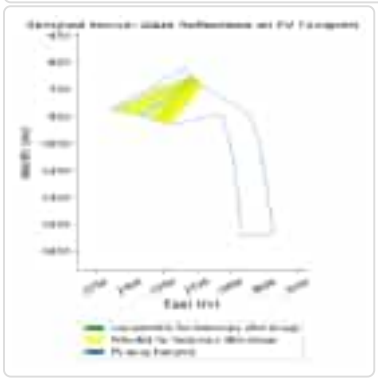
PV array is expected to produce the following glare for this receptor:

- 953 minutes of "green" glare with low potential to cause temporary after-image.
- 135 minutes of "yellow" glare with potential to cause temporary after-image.





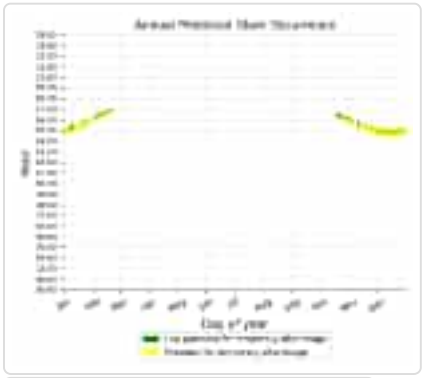


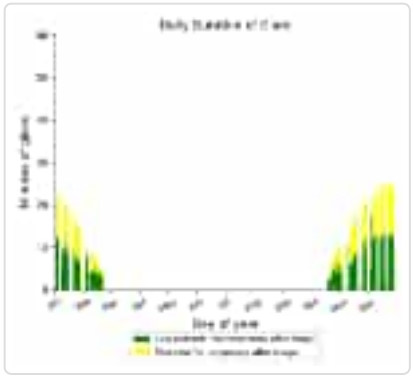


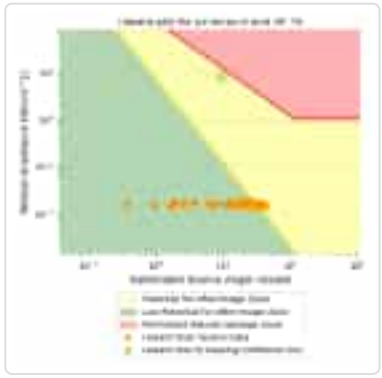
PV array 6: OP 76

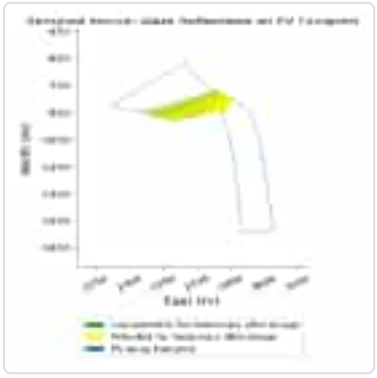
PV array is expected to produce the following glare for this receptor:

- 663 minutes of "green" glare with low potential to cause temporary after-image.
- 589 minutes of "yellow" glare with potential to cause temporary after-image.





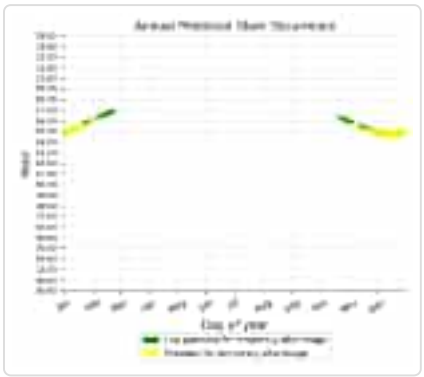


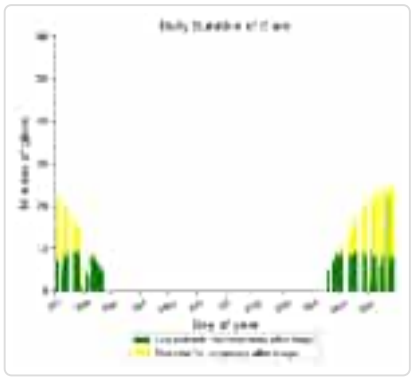


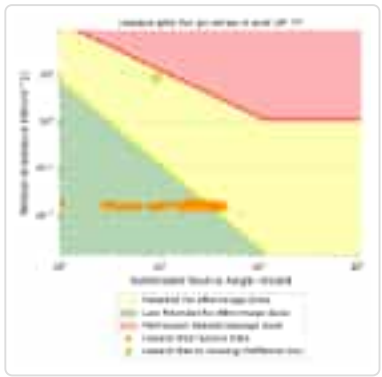
PV array 6: OP 77

PV array is expected to produce the following glare for this receptor:

- 649 minutes of "green" glare with low potential to cause temporary after-image.
- 622 minutes of "yellow" glare with potential to cause temporary after-image.



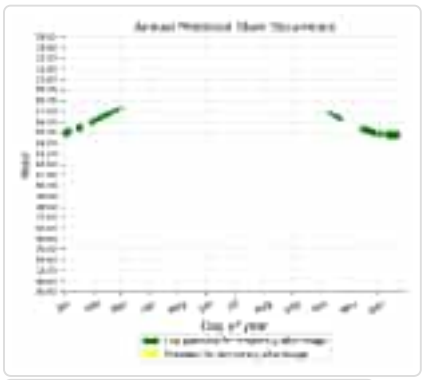


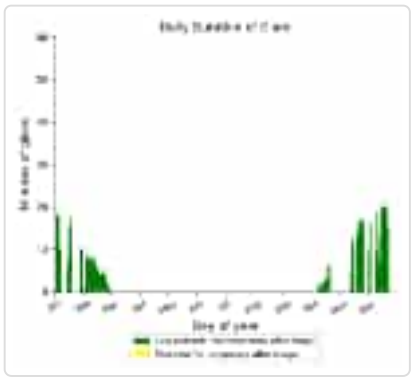


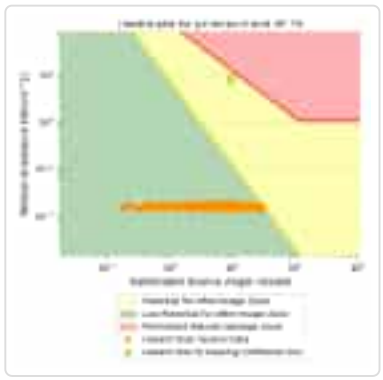
PV array 6: OP 78

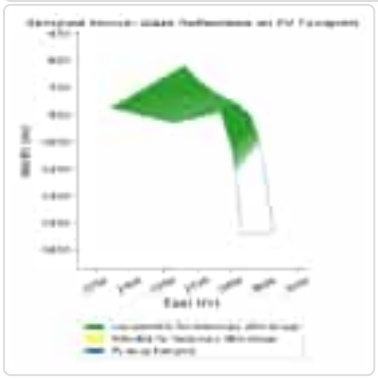
PV array is expected to produce the following glare for this receptor:

- 871 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





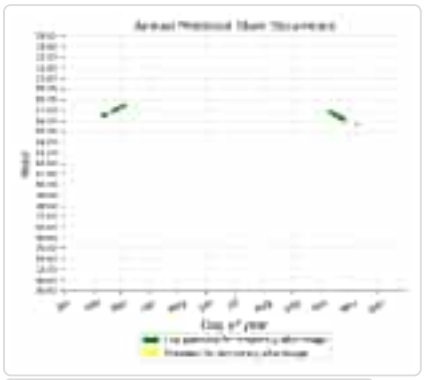


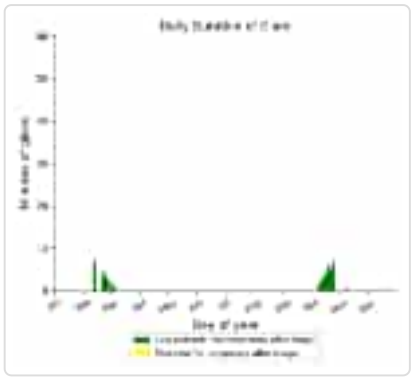


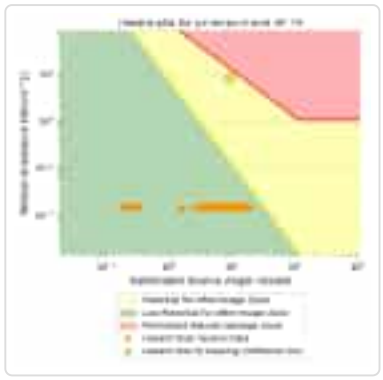
PV array 6: OP 79

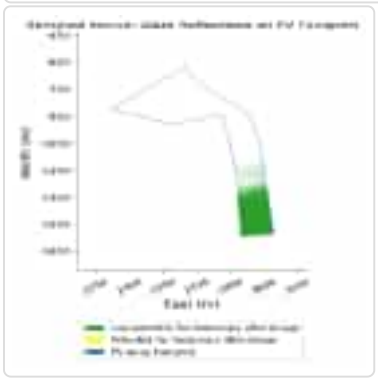
PV array is expected to produce the following glare for this receptor:

- 131 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





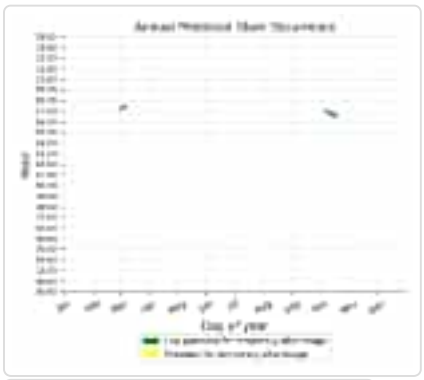


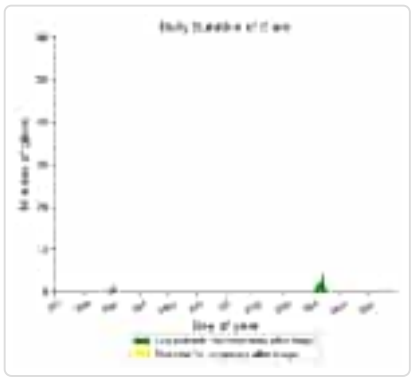


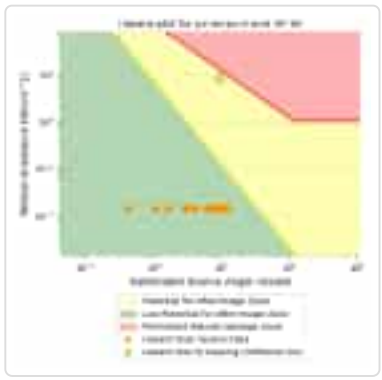
PV array 6: OP 80

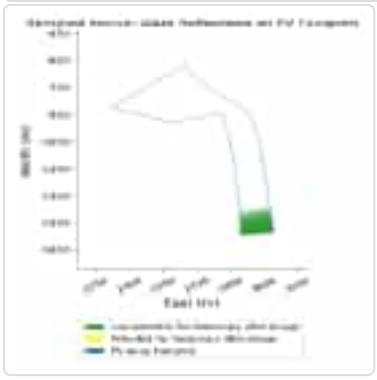
PV array is expected to produce the following glare for this receptor:

- 29 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0

OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	41	0
OP: OP 31	49	0
OP: OP 32	57	0
OP: OP 33	61	0
OP: OP 34	65	0
OP: OP 35	190	0
OP: OP 36	221	0
OP: OP 37	210	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
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OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

OP: OP 80	28	0

PV array 7: OP 1

No glare found

PV array 7: OP 2

No glare found

PV array 7: OP 3

No glare found

PV array 7: OP 4

No glare found

PV array 7: OP 5

No glare found

PV array 7: OP 6

No glare found

PV array 7: OP 7

No glare found

PV array 7: OP 8

No glare found

PV array 7: OP 9

No glare found

PV array 7: OP 10

No glare found

PV array 7: OP 11

No glare found

PV array 7: OP 12

No glare found

PV array 7: OP 13

No glare found

PV array 7: OP 14

No glare found

PV array 7: OP 15

No glare found

PV array 7: OP 16

No glare found

PV array 7: OP 17

No glare found

PV array 7: OP 18

No glare found

PV array 7: OP 19

No glare found

PV array 7: OP 20

No glare found

PV array 7: OP 21

No glare found

PV array 7: OP 22

No glare found

PV array 7: OP 23

No glare found

PV array 7: OP 24

No glare found

PV array 7: OP 25

No glare found

PV array 7: OP 26

No glare found

PV array 7: OP 27

No glare found

PV array 7: OP 28

No glare found

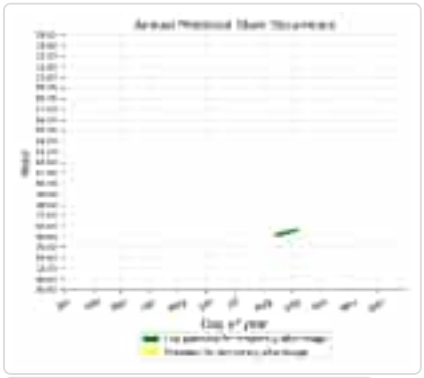
PV array 7: OP 29

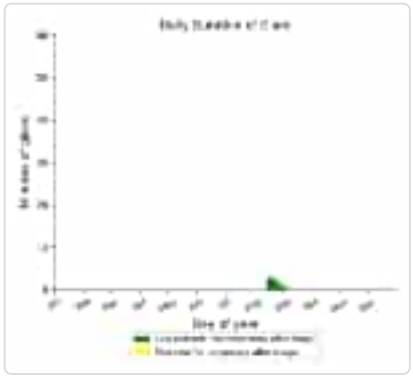
No glare found

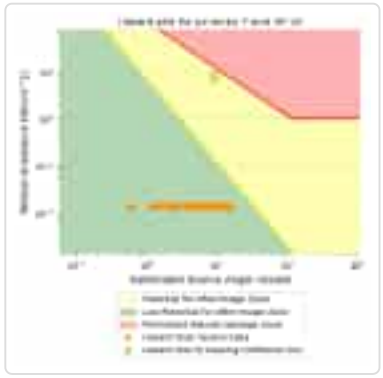
PV array 7: OP 30

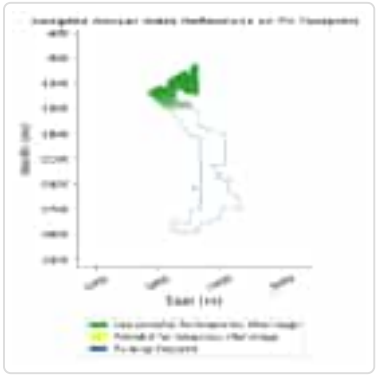
PV array is expected to produce the following glare for this receptor:

- 41 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





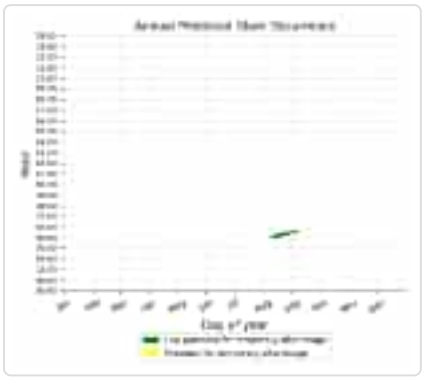


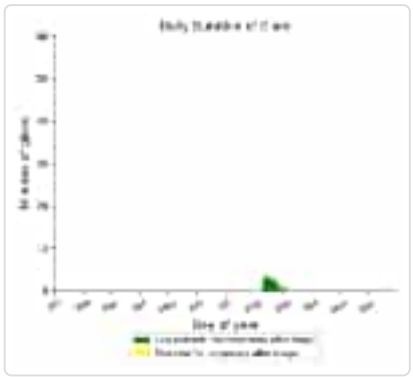


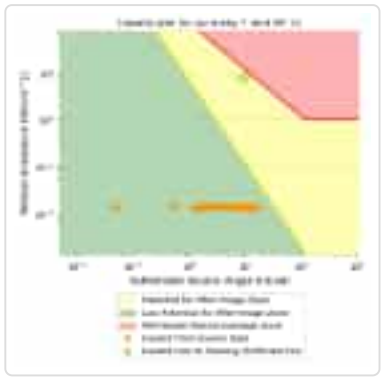
PV array 7: OP 31

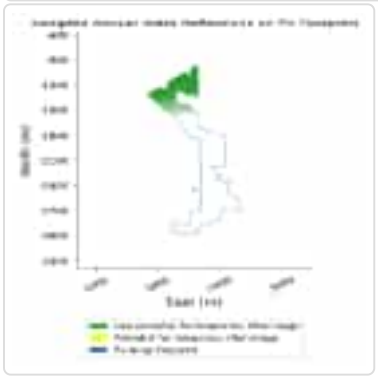
PV array is expected to produce the following glare for this receptor:

- 49 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





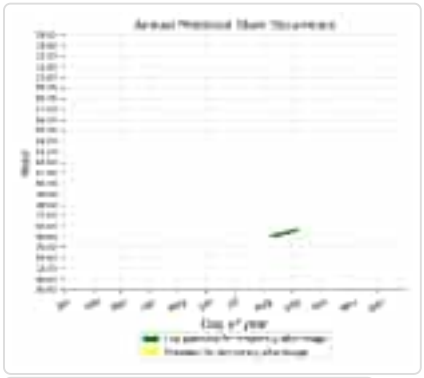


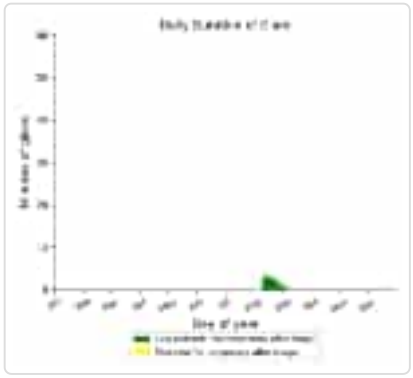


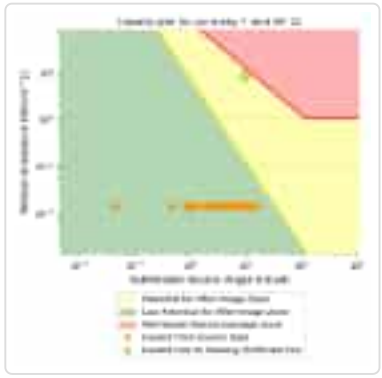
PV array 7: OP 32

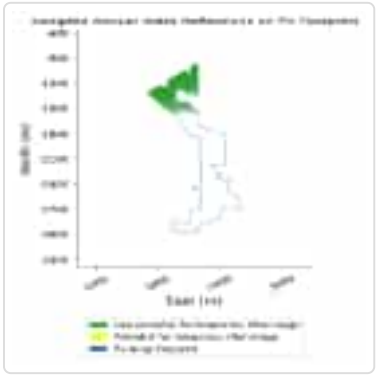
PV array is expected to produce the following glare for this receptor:

- 57 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





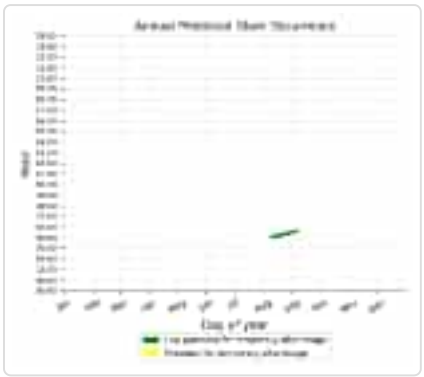


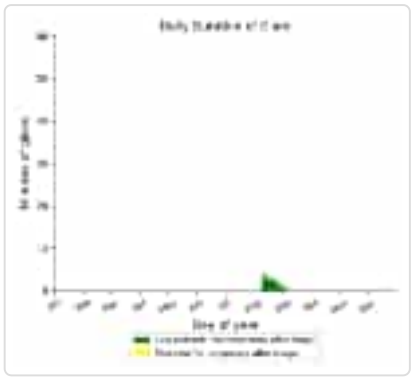


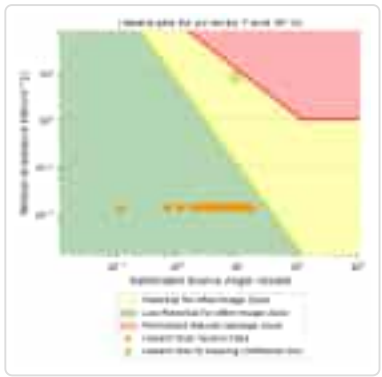
PV array 7: OP 33

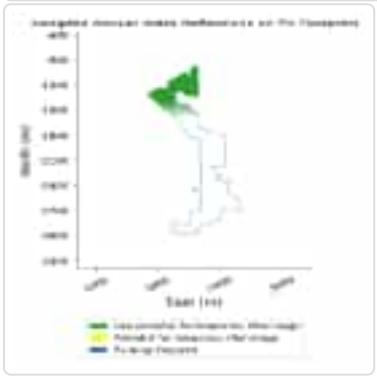
PV array is expected to produce the following glare for this receptor:

- 61 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





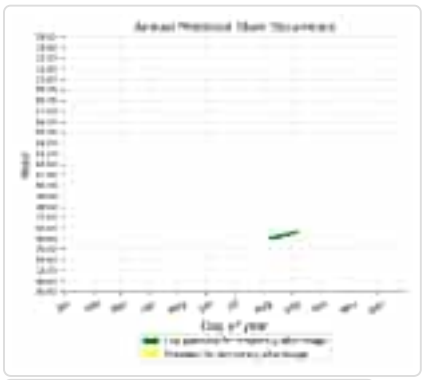


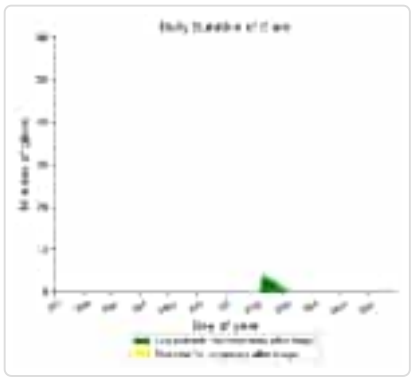


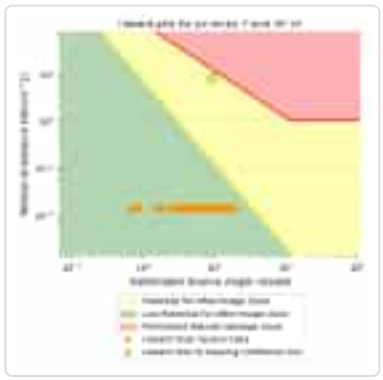
PV array 7: OP 34

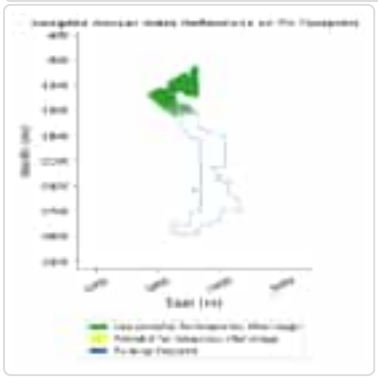
PV array is expected to produce the following glare for this receptor:

- 65 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





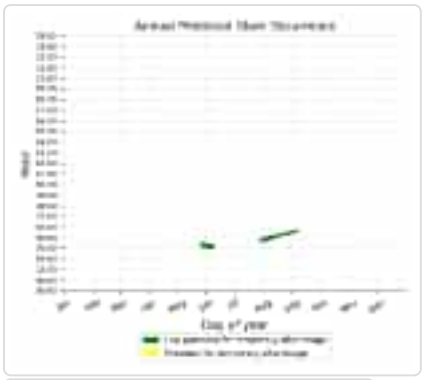


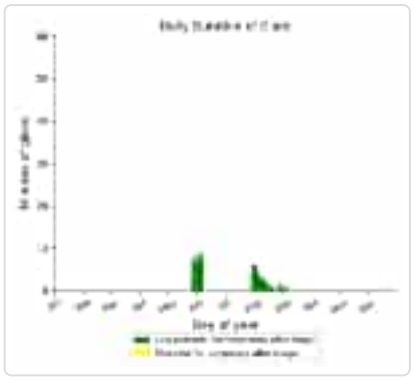


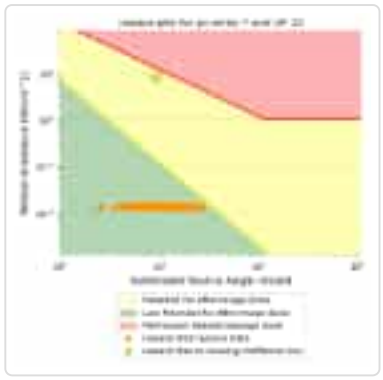
PV array 7: OP 35

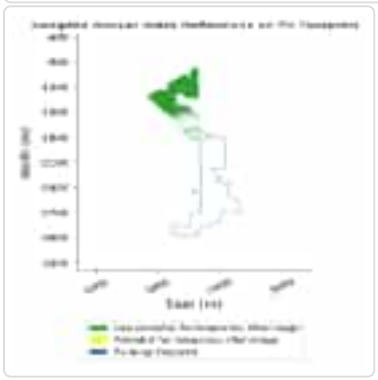
PV array is expected to produce the following glare for this receptor:

- 190 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





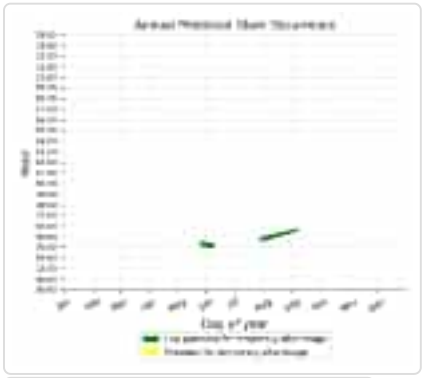


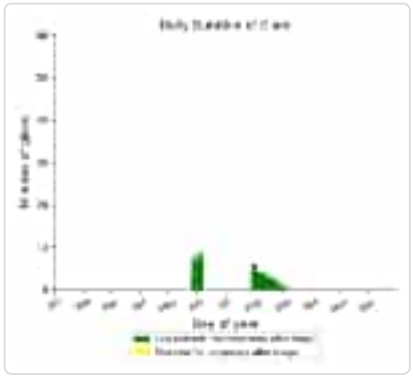


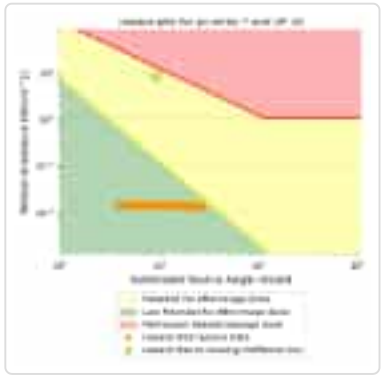
PV array 7: OP 36

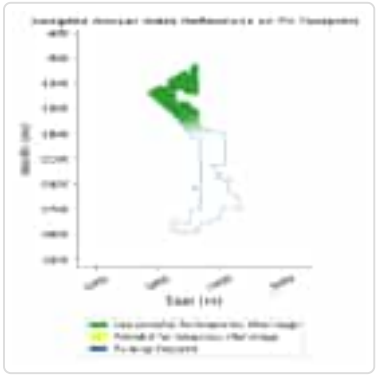
PV array is expected to produce the following glare for this receptor:

- 221 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





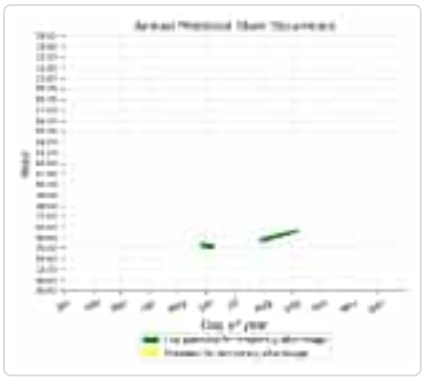


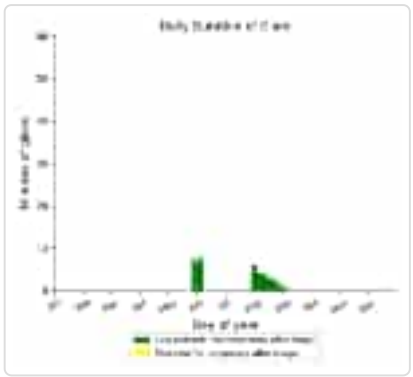


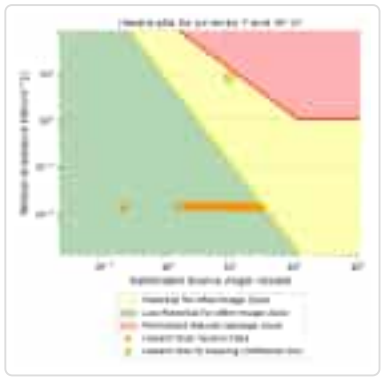
PV array 7: OP 37

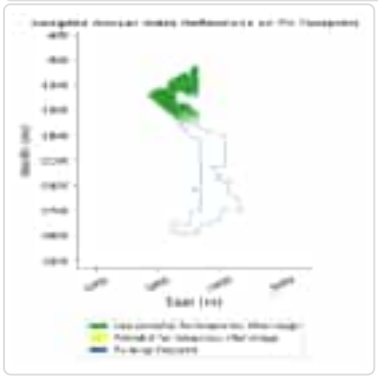
PV array is expected to produce the following glare for this receptor:

- 210 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 38

No glare found

PV array 7: OP 39

No glare found

PV array 7: OP 40

No glare found

PV array 7: OP 41

No glare found

PV array 7: OP 42

No glare found

PV array 7: OP 43

No glare found

PV array 7: OP 44

No glare found

PV array 7: OP 45

No glare found

PV array 7: OP 46

No glare found

PV array 7: OP 47

No glare found

PV array 7: OP 48

No glare found

PV array 7: OP 49

No glare found

PV array 7: OP 50

No glare found

PV array 7: OP 51

No glare found

PV array 7: OP 52

No glare found

PV array 7: OP 53

No glare found

PV array 7: OP 54

No glare found

PV array 7: OP 55

No glare found

PV array 7: OP 56

No glare found

PV array 7: OP 57

No glare found

PV array 7: OP 58

No glare found

PV array 7: OP 59

No glare found

PV array 7: OP 60

No glare found

PV array 7: OP 61

No glare found

PV array 7: OP 62

No glare found

PV array 7: OP 63

No glare found

PV array 7: OP 64

No glare found

PV array 7: OP 65

No glare found

PV array 7: OP 66

No glare found

PV array 7: OP 67

No glare found

PV array 7: OP 68

No glare found

PV array 7: OP 69

No glare found

PV array 7: OP 70

No glare found

PV array 7: OP 71

No glare found

PV array 7: OP 72

No glare found

PV array 7: OP 73

No glare found

PV array 7: OP 74

No glare found

PV array 7: OP 75

No glare found

PV array 7: OP 76

No glare found

PV array 7: OP 77

No glare found

PV array 7: OP 78

No glare found

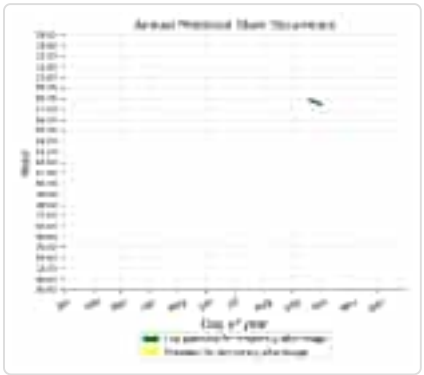
PV array 7: OP 79

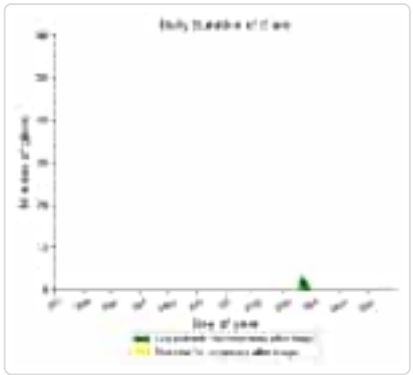
No glare found

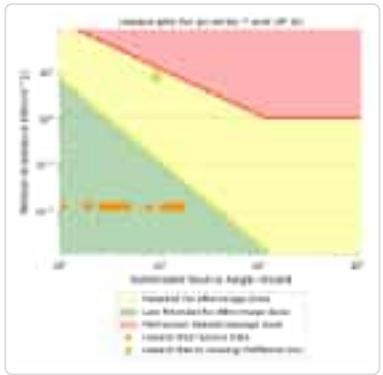
PV array 7: OP 80

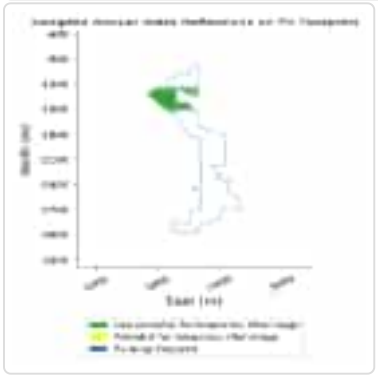
PV array is expected to produce the following glare for this receptor:

- 28 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 8 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 9 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
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OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Fosse Green Solar Farm

Fosse Green SF Res Group B Tracker

Created Jan 11, 2024
Updated Sep 02, 2024
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 109534.18719

Project type Advanced
Project status: active
Category 10 MW to 100 MW

Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
PV array 1	SA tracking	SA tracking	4,150	0	-
PV array 10	SA tracking	SA tracking	10,809	1,553	-
PV array 11	SA tracking	SA tracking	8,708	493	-
PV array 12	SA tracking	SA tracking	4,030	0	-
PV array 13	SA tracking	SA tracking	2,815	146	-
PV array 14	SA tracking	SA tracking	18,855	0	-
PV array 15	SA tracking	SA tracking	10,206	45	-
PV array 2	SA tracking	SA tracking	3,600	0	-
PV array 3	SA tracking	SA tracking	5,867	120	-
PV array 4	SA tracking	SA tracking	637	0	-
PV array 5	SA tracking	SA tracking	102	0	-
PV array 6	SA tracking	SA tracking	1,817	0	-
PV array 7	SA tracking	SA tracking	34,504	4,259	-
PV array 8	SA tracking	SA tracking	603	0	-
PV array 9	SA tracking	SA tracking	3,340	0	-

Component Data

PV Array(s)

Total PV footprint area: 5,127,185 m^2

Name: PV array 1
Footprint area: 534,233 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.173327	-0.683693	15.22	3.50	18.72
2	53.171796	-0.684143	15.03	3.50	18.53
3	53.171552	-0.683478	15.19	3.50	18.69
4	53.171127	-0.682985	15.98	3.50	19.48
5	53.169712	-0.681805	15.00	3.50	18.50
6	53.168092	-0.681418	16.50	3.50	20.00
7	53.167989	-0.682362	16.00	3.50	19.50
8	53.167616	-0.682427	15.86	3.50	19.36
9	53.166844	-0.682749	16.00	3.50	19.50
10	53.166574	-0.682985	16.00	3.50	19.50
11	53.166123	-0.682920	16.00	3.50	19.50
12	53.166394	-0.680345	17.00	3.50	20.50
13	53.166741	-0.680410	16.40	3.50	19.90
14	53.166831	-0.679530	17.48	3.50	20.98
15	53.167320	-0.679659	17.17	3.50	20.67
16	53.167564	-0.677277	20.64	3.50	24.14
17	53.166522	-0.676741	20.78	3.50	24.28
18	53.164593	-0.675024	20.02	3.50	23.52
19	53.163010	-0.673672	18.14	3.50	21.64
20	53.162869	-0.672857	19.04	3.50	22.54
21	53.163088	-0.672084	19.80	3.50	23.30
22	53.163679	-0.671333	23.18	3.50	26.68
23	53.165403	-0.672857	27.63	3.50	31.13
24	53.165648	-0.671870	30.61	3.50	34.11
25	53.166458	-0.671269	32.00	3.50	35.50
26	53.166857	-0.671569	31.99	3.50	35.49
27	53.167847	-0.667406	24.66	3.50	28.16
28	53.169468	-0.666720	25.10	3.50	28.60
29	53.169031	-0.668608	27.89	3.50	31.39
30	53.169198	-0.670067	30.98	3.50	34.48
31	53.169982	-0.673629	26.94	3.50	30.44
32	53.170246	-0.673758	26.58	3.50	30.08
33	53.171294	-0.673125	28.40	3.50	31.90
34	53.171745	-0.672299	30.82	3.50	34.32
35	53.172105	-0.674048	26.50	3.50	30.00
36	53.171674	-0.675957	22.65	3.50	26.15
37	53.171507	-0.677599	22.08	3.50	25.58
38	53.171629	-0.678414	22.99	3.50	26.49
39	53.171918	-0.678833	24.21	3.50	27.71
40	53.171809	-0.679283	22.62	3.50	26.12
41	53.171449	-0.679391	20.48	3.50	23.98
42	53.170838	-0.677985	18.51	3.50	22.01
43	53.170593	-0.678028	17.96	3.50	21.46
44	53.170606	-0.678200	17.83	3.50	21.33
45	53.171372	-0.679906	19.18	3.50	22.68
46	53.171249	-0.681719	17.42	3.50	20.92
47	53.171378	-0.681955	17.27	3.50	20.77
48	53.171333	-0.682395	16.56	3.50	20.06
49	53.171597	-0.682502	16.79	3.50	20.29
50	53.173384	-0.681622	18.75	3.50	22.25

Name: PV array 10
Footprint area: 185,320 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.150798	-0.633966	8.64	3.50	12.14
2	53.150219	-0.635436	8.34	3.50	11.84
3	53.150026	-0.636744	8.28	3.50	11.78
4	53.148983	-0.636744	9.89	3.50	13.39
5	53.148803	-0.636862	10.13	3.50	13.63
6	53.148829	-0.637045	9.76	3.50	13.26
7	53.147420	-0.637957	10.19	3.50	13.69
8	53.146461	-0.637796	10.65	3.50	14.15
9	53.146126	-0.637302	11.44	3.50	14.94
10	53.145875	-0.635146	9.74	3.50	13.24
11	53.145566	-0.635264	9.14	3.50	12.64
12	53.145451	-0.635843	9.42	3.50	12.92
13	53.145142	-0.635951	9.94	3.50	13.44
14	53.144987	-0.634910	11.54	3.50	15.04
15	53.144637	-0.634278	12.00	3.50	15.50
16	53.143968	-0.633344	12.41	3.50	15.91
17	53.144200	-0.633280	11.84	3.50	15.34
18	53.144953	-0.632754	9.97	3.50	13.47
19	53.145828	-0.631949	10.31	3.50	13.81
20	53.146497	-0.631509	11.15	3.50	14.65
21	53.147668	-0.633848	12.51	3.50	16.01
22	53.148395	-0.633344	12.81	3.50	16.31
23	53.148254	-0.632947	13.08	3.50	16.58
24	53.148910	-0.632035	13.05	3.50	16.55
25	53.149148	-0.632604	13.03	3.50	16.53
26	53.149631	-0.631853	12.49	3.50	15.99

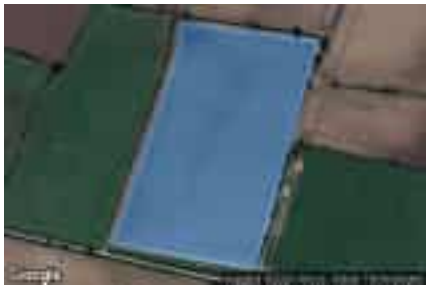
Name: PV array 11
Footprint area: 717,731 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.148506	-0.631749	13.14	3.50	16.64
2	53.147850	-0.632704	12.97	3.50	16.47
3	53.147683	-0.632715	12.37	3.50	15.87
4	53.146640	-0.630945	11.20	3.50	14.70
5	53.146396	-0.630848	12.22	3.50	15.72
6	53.145637	-0.631266	12.28	3.50	15.78
7	53.144343	-0.632565	11.04	3.50	14.54
8	53.142046	-0.627951	13.11	3.50	16.61
9	53.141524	-0.626084	12.34	3.50	15.84
10	53.138596	-0.627329	13.83	3.50	17.33
11	53.138454	-0.627232	13.48	3.50	16.98
12	53.137051	-0.628370	12.96	3.50	16.46
13	53.137154	-0.629056	13.21	3.50	16.71
14	53.135919	-0.628649	14.19	3.50	17.69
15	53.135771	-0.627640	12.78	3.50	16.28
16	53.134593	-0.628456	13.03	3.50	16.53
17	53.134464	-0.624700	12.77	3.50	16.27
18	53.134618	-0.624700	12.76	3.50	16.26
19	53.134631	-0.624990	12.76	3.50	16.26
20	53.135655	-0.624947	12.58	3.50	16.08
21	53.135758	-0.626331	11.86	3.50	15.36
22	53.136112	-0.626567	11.92	3.50	15.42
23	53.136549	-0.625162	10.74	3.50	14.24
24	53.136717	-0.625055	10.13	3.50	13.63
25	53.136652	-0.624636	10.38	3.50	13.88
26	53.137450	-0.624089	10.03	3.50	13.53
27	53.135830	-0.616790	7.11	3.50	10.61
28	53.136200	-0.615960	6.99	3.50	10.49
29	53.137240	-0.614930	7.15	3.50	10.65
30	53.137620	-0.615710	7.24	3.50	10.74
31	53.137860	-0.615550	7.38	3.50	10.88
32	53.137990	-0.614790	7.14	3.50	10.64
33	53.139105	-0.617426	7.93	3.50	11.43
34	53.139800	-0.619754	11.05	3.50	14.55
35	53.141717	-0.618682	9.38	3.50	12.88
36	53.142129	-0.620227	11.21	3.50	14.71
37	53.142007	-0.620323	10.80	3.50	14.30
38	53.142541	-0.622211	11.19	3.50	14.69
39	53.144034	-0.620784	11.76	3.50	15.26
40	53.144607	-0.623563	11.92	3.50	15.42
41	53.145591	-0.624582	12.63	3.50	16.13
42	53.145044	-0.625248	12.90	3.50	16.40
43	53.145077	-0.625666	12.28	3.50	15.78
44	53.146634	-0.628348	11.72	3.50	15.22
45	53.146808	-0.628220	12.16	3.50	15.66
46	53.148268	-0.630762	12.11	3.50	15.61
47	53.148101	-0.631030	11.92	3.50	15.42

Name: PV array 12
Footprint area: 73,115 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.136228	-0.613414	8.07	3.50	11.57
2	53.135854	-0.613478	8.46	3.50	11.96
3	53.133222	-0.614980	9.82	3.50	13.32
4	53.132887	-0.611772	10.64	3.50	14.14
5	53.135977	-0.610335	9.13	3.50	12.63

Name: PV array 13
Footprint area: 737,057 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.135585	-0.658160	11.48	3.50	14.98
2	53.136461	-0.665906	14.75	3.50	18.25
3	53.130642	-0.667945	14.56	3.50	18.06
4	53.130333	-0.666357	13.81	3.50	17.31
5	53.128440	-0.666872	14.86	3.50	18.36
6	53.128582	-0.668717	14.77	3.50	18.27
7	53.128273	-0.668782	14.57	3.50	18.07
8	53.128131	-0.667301	14.49	3.50	17.99
9	53.125730	-0.667666	13.07	3.50	16.57
10	53.125710	-0.667945	12.94	3.50	16.44
11	53.124455	-0.667505	13.19	3.50	16.69
12	53.124558	-0.666711	12.70	3.50	16.20
13	53.123380	-0.665788	11.31	3.50	14.81
14	53.123457	-0.665370	11.00	3.50	14.50
15	53.123122	-0.665220	12.04	3.50	15.54
16	53.123476	-0.663514	13.15	3.50	16.65
17	53.124365	-0.661776	13.29	3.50	16.79
18	53.124571	-0.660832	13.96	3.50	17.46
19	53.125067	-0.660220	13.10	3.50	16.60
20	53.126410	-0.656650	11.66	3.50	15.16
21	53.126650	-0.656260	11.38	3.50	14.88
22	53.126960	-0.656270	11.65	3.50	15.15
23	53.127180	-0.656070	12.25	3.50	15.75
24	53.127600	-0.659050	12.08	3.50	15.58
25	53.128790	-0.658920	13.52	3.50	17.02
26	53.129280	-0.661440	14.94	3.50	18.44
27	53.131090	-0.659870	14.90	3.50	18.40
28	53.131520	-0.659500	14.40	3.50	17.90
29	53.132320	-0.658860	12.70	3.50	16.20
30	53.133270	-0.657930	12.71	3.50	16.21
31	53.133345	-0.658664	11.01	3.50	14.51

Name: PV array 14
Footprint area: 185,007 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132496	-0.652742	10.97	3.50	14.47
2	53.131787	-0.653128	10.89	3.50	14.39
3	53.131511	-0.653075	11.28	3.50	14.78
4	53.130770	-0.652409	10.38	3.50	13.88
5	53.130352	-0.650049	9.94	3.50	13.44
6	53.130095	-0.649556	9.85	3.50	13.35
7	53.130275	-0.649255	10.71	3.50	14.21
8	53.132390	-0.648020	11.38	3.50	14.88
9	53.133030	-0.650850	12.02	3.50	15.52
10	53.136270	-0.648960	10.09	3.50	13.59
11	53.136080	-0.645870	977.00	3.50	980.50
12	53.137430	-0.645210	9.73	3.50	13.23
13	53.137750	-0.648600	9.23	3.50	12.73
14	53.137580	-0.648830	9.22	3.50	12.72
15	53.138060	-0.652120	9.08	3.50	12.58
16	53.137820	-0.652230	9.58	3.50	13.08
17	53.137750	-0.652040	9.56	3.50	13.06
18	53.135890	-0.651840	9.88	3.50	13.38

Name: PV array 15
Footprint area: 78,226 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132772	-0.647378	9.94	3.50	13.44
2	53.130056	-0.648847	10.80	3.50	14.30
3	53.129882	-0.649255	9.89	3.50	13.39
4	53.129303	-0.648847	10.80	3.50	14.30
5	53.128942	-0.648858	10.87	3.50	14.37
6	53.128884	-0.648418	11.51	3.50	15.01
7	53.128311	-0.648386	11.43	3.50	14.93
8	53.128105	-0.646884	11.40	3.50	14.90
9	53.130622	-0.645758	10.83	3.50	14.33
10	53.130700	-0.646122	11.65	3.50	15.15
11	53.131298	-0.645768	10.18	3.50	13.68
12	53.132410	-0.645330	9.00	3.50	12.50

Name: PV array 2
Footprint area: 575,799 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.178645	-0.666108	19.50	3.50	23.00
2	53.177873	-0.669091	19.28	3.50	22.78
3	53.176523	-0.668029	19.69	3.50	23.19
4	53.174220	-0.666891	26.06	3.50	29.56
5	53.174465	-0.660669	17.80	3.50	21.30
6	53.172497	-0.660755	16.16	3.50	19.66
7	53.172510	-0.661355	17.14	3.50	20.64
8	53.172960	-0.661484	17.29	3.50	20.79
9	53.173230	-0.666677	24.28	3.50	27.78
10	53.172175	-0.666226	20.97	3.50	24.47
11	53.171823	-0.664919	19.69	3.50	23.19
12	53.171714	-0.664865	19.72	3.50	23.22
13	53.170968	-0.662526	18.08	3.50	21.58
14	53.170357	-0.661797	17.29	3.50	20.79
15	53.174293	-0.653523	13.69	3.50	17.19
16	53.178283	-0.655459	15.69	3.50	19.19
17	53.179363	-0.655588	13.41	3.50	16.91
18	53.178051	-0.662519	19.70	3.50	23.20
19	53.177884	-0.665737	19.63	3.50	23.13

Name: PV array 3
Footprint area: 679,940 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.162240	-0.675330	17.88	3.50	21.38
2	53.159340	-0.671810	16.96	3.50	20.46
3	53.159790	-0.670480	16.50	3.50	20.00
4	53.160860	-0.668250	17.83	3.50	21.33
5	53.160420	-0.666810	17.26	3.50	20.76
6	53.159450	-0.669110	15.52	3.50	19.02
7	53.159860	-0.669750	15.96	3.50	19.46
8	53.159140	-0.671710	16.90	3.50	20.40
9	53.158240	-0.670650	16.68	3.50	20.18
10	53.158390	-0.670070	16.02	3.50	19.52
11	53.157840	-0.668790	15.77	3.50	19.27
12	53.159770	-0.664130	19.42	3.50	22.92
13	53.159920	-0.664410	18.34	3.50	21.84
14	53.160980	-0.661830	24.57	3.50	28.07
15	53.161160	-0.662010	24.26	3.50	27.76
16	53.161290	-0.661640	25.79	3.50	29.29
17	53.161160	-0.661450	23.00	3.50	26.50
18	53.162190	-0.659350	26.37	3.50	29.87
19	53.162080	-0.658850	26.32	3.50	29.82
20	53.162600	-0.657690	27.46	3.50	30.96
21	53.165690	-0.658340	22.77	3.50	26.27
22	53.165920	-0.658980	21.27	3.50	24.77
23	53.166210	-0.659430	20.99	3.50	24.49
24	53.165960	-0.661020	21.23	3.50	24.73
25	53.167980	-0.662370	18.26	3.50	21.76
26	53.167650	-0.663320	18.23	3.50	21.73
27	53.167500	-0.667240	23.99	3.50	27.49
28	53.164620	-0.668620	26.56	3.50	30.06
29	53.164820	-0.669520	27.49	3.50	30.99
30	53.163160	-0.671190	20.73	3.50	24.23
31	53.162730	-0.672050	18.84	3.50	22.34
32	53.162570	-0.673160	18.39	3.50	21.89
33	53.162750	-0.673700	17.85	3.50	21.35
34	53.162650	-0.674340	17.02	3.50	20.52

Name: PV array 4
Footprint area: 539,309 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.172585	-0.642585	14.81	3.50	18.31
2	53.173512	-0.648335	13.73	3.50	17.23
3	53.168740	-0.657433	17.19	3.50	20.69
4	53.168560	-0.657412	16.94	3.50	20.44
5	53.168310	-0.657830	18.09	3.50	21.59
6	53.168300	-0.658730	18.04	3.50	21.54
7	53.168070	-0.658890	17.95	3.50	21.45
8	53.165850	-0.657640	21.97	3.50	25.47
9	53.165650	-0.657980	23.24	3.50	26.74
10	53.162740	-0.657270	27.18	3.50	30.68
11	53.164580	-0.653290	23.23	3.50	26.73
12	53.166200	-0.654060	18.29	3.50	21.79
13	53.166850	-0.655520	18.20	3.50	21.70
14	53.167520	-0.655510	17.58	3.50	21.08
15	53.167980	-0.655110	18.44	3.50	21.94
16	53.169113	-0.651554	16.06	3.50	19.56
17	53.169113	-0.651060	15.41	3.50	18.91
18	53.168032	-0.650867	15.63	3.50	19.13
19	53.167955	-0.651597	16.07	3.50	19.57
20	53.167337	-0.651232	15.83	3.50	19.33
21	53.166077	-0.651103	19.26	3.50	22.76
22	53.166115	-0.650481	18.68	3.50	22.18
23	53.165961	-0.650181	19.78	3.50	23.28
24	53.168251	-0.644537	17.16	3.50	20.66
25	53.168920	-0.644687	16.30	3.50	19.80
26	53.170129	-0.644408	16.57	3.50	20.07
27	53.171132	-0.643754	15.25	3.50	18.75
28	53.171151	-0.643400	15.23	3.50	18.73
29	53.172000	-0.642681	14.97	3.50	18.47

Name: PV array 5
Footprint area: 85,119 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.175987	-0.638261	17.17	3.50	20.67
2	53.175962	-0.637317	17.32	3.50	20.82
3	53.175704	-0.636180	15.99	3.50	19.49
4	53.172039	-0.635257	10.34	3.50	13.84
5	53.170855	-0.638197	11.33	3.50	14.83
6	53.174251	-0.638304	12.30	3.50	15.80

Name: PV array 6
Footprint area: 178,317 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.167678	-0.644140	17.52	3.50	21.02
2	53.165556	-0.649011	19.39	3.50	22.89
3	53.164810	-0.644784	20.41	3.50	23.91
4	53.165350	-0.641716	16.27	3.50	19.77
5	53.163562	-0.640986	20.48	3.50	23.98
6	53.161902	-0.640643	22.38	3.50	25.88
7	53.159226	-0.640385	15.78	3.50	19.28
8	53.159329	-0.638197	13.14	3.50	16.64
9	53.162726	-0.638883	20.72	3.50	24.22
10	53.164115	-0.639205	17.21	3.50	20.71
11	53.165183	-0.639763	14.44	3.50	17.94
12	53.165800	-0.640707	14.81	3.50	18.31
13	53.166366	-0.642209	16.10	3.50	19.60
14	53.166971	-0.643282	16.63	3.50	20.13

Name: PV array 7
Footprint area: 492,432 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.164655	-0.651071	23.57	3.50	27.07
2	53.164218	-0.652101	24.34	3.50	27.84
3	53.163588	-0.652015	24.43	3.50	27.93
4	53.163575	-0.652466	24.10	3.50	27.60
5	53.163883	-0.652809	24.86	3.50	28.36
6	53.162790	-0.655406	26.04	3.50	29.54
7	53.162404	-0.655148	26.50	3.50	30.00
8	53.162082	-0.655835	27.39	3.50	30.89
9	53.162263	-0.656543	27.11	3.50	30.61
10	53.161516	-0.658324	26.25	3.50	29.75
11	53.158776	-0.654054	22.55	3.50	26.05
12	53.156879	-0.652104	18.45	3.50	21.95
13	53.156840	-0.650806	17.85	3.50	21.35
14	53.156634	-0.650474	16.75	3.50	20.25
15	53.155412	-0.650935	12.99	3.50	16.49
16	53.155245	-0.650441	12.47	3.50	15.97
17	53.154428	-0.650484	11.62	3.50	15.12
18	53.152317	-0.650581	10.82	3.50	14.32
19	53.151545	-0.650656	11.68	3.50	15.18
20	53.151481	-0.651761	11.49	3.50	14.99
21	53.151159	-0.651729	12.56	3.50	16.06
22	53.151178	-0.650924	12.32	3.50	15.82
23	53.150863	-0.650624	12.97	3.50	16.47
24	53.149042	-0.650581	13.39	3.50	16.89
25	53.149113	-0.652083	14.82	3.50	18.32
26	53.147459	-0.652115	10.92	3.50	14.42
27	53.147762	-0.654604	14.65	3.50	18.15
28	53.146730	-0.654770	11.29	3.50	14.79
29	53.146710	-0.654450	10.79	3.50	14.29
30	53.146660	-0.653930	9.99	3.50	13.49
31	53.146560	-0.653210	9.32	3.50	12.82
32	53.146500	-0.652650	9.65	3.50	13.15
33	53.146620	-0.652540	9.69	3.50	13.19
34	53.146670	-0.652330	9.64	3.50	13.14
35	53.146500	-0.650990	8.94	3.50	12.44
36	53.146830	-0.651060	9.07	3.50	12.57
37	53.147220	-0.650840	9.43	3.50	12.93
38	53.147530	-0.650195	9.95	3.50	13.45
39	53.148058	-0.647824	10.34	3.50	13.84
40	53.149293	-0.647502	11.75	3.50	15.25
41	53.149364	-0.647008	11.40	3.50	14.90
42	53.149004	-0.645163	9.84	3.50	13.34
43	53.149068	-0.644702	10.07	3.50	13.57
44	53.149589	-0.644659	10.09	3.50	13.59
45	53.150246	-0.645152	10.47	3.50	13.97
46	53.150709	-0.646118	10.77	3.50	14.27
47	53.150861	-0.646854	11.55	3.50	15.05
48	53.152186	-0.646683	10.55	3.50	14.05
49	53.152302	-0.648378	10.85	3.50	14.35
50	53.152559	-0.648356	11.03	3.50	14.53
51	53.152650	-0.647820	11.33	3.50	14.83
52	53.152843	-0.647562	10.51	3.50	14.01
53	53.152984	-0.648185	10.54	3.50	14.04
54	53.153396	-0.648850	10.72	3.50	14.22
55	53.153821	-0.649000	11.70	3.50	15.20
56	53.153821	-0.647176	11.57	3.50	15.07
57	53.157030	-0.647114	18.62	3.50	22.12
58	53.157911	-0.650923	21.21	3.50	24.71
59	53.159526	-0.650773	24.30	3.50	27.80
60	53.159841	-0.651545	25.93	3.50	29.43
61	53.160478	-0.652318	28.32	3.50	31.82
62	53.160542	-0.654142	27.00	3.50	30.50
63	53.161668	-0.654152	28.25	3.50	31.75
64	53.162003	-0.653691	27.32	3.50	30.82

65	53.161359	-0.652489	27.84	3.50	31.34
66	53.161314	-0.650848	28.23	3.50	31.73

Name: PV array 8
Footprint area: 15,661 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.149067	-0.644094	9.24	3.50	12.74
2	53.149505	-0.644029	9.82	3.50	13.32
3	53.149878	-0.644094	9.57	3.50	13.07
4	53.150888	-0.643353	9.27	3.50	12.77
5	53.150521	-0.642002	8.25	3.50	11.75
6	53.149871	-0.642806	8.50	3.50	12.00
7	53.149472	-0.642796	8.80	3.50	12.30
8	53.149215	-0.643192	8.74	3.50	12.24
9	53.149022	-0.644072	9.17	3.50	12.67

Name: PV array 9
Footprint area: 49,919 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.144980	-0.656700	12.95	3.50	16.45
2	53.143188	-0.656440	9.91	3.50	13.41
3	53.143170	-0.652900	8.94	3.50	12.44
4	53.143890	-0.652530	9.13	3.50	12.63
5	53.144200	-0.652530	9.20	3.50	12.70
6	53.144680	-0.653130	9.45	3.50	12.95
7	53.144910	-0.653050	9.39	3.50	12.89

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	53.159129	-0.646434	20.60	2.00	22.60
OP 2	53.158331	-0.647588	20.98	2.00	22.98
OP 3	53.157755	-0.657566	25.72	2.00	27.72
OP 4	53.152557	-0.681551	18.97	2.00	20.97
OP 5	53.152729	-0.681191	18.73	2.00	20.73
OP 6	53.152811	-0.680945	18.61	2.00	20.61
OP 7	53.150925	-0.668601	17.27	2.00	19.27
OP 8	53.149928	-0.668526	17.38	2.00	19.38
OP 9	53.149220	-0.667925	17.59	2.00	19.59
OP 10	53.149227	-0.665136	17.31	2.00	19.31
OP 11	53.150591	-0.661874	17.32	2.00	19.32
OP 12	53.151929	-0.658816	19.10	2.00	21.10
OP 13	53.152103	-0.656574	16.07	2.00	18.07
OP 14	53.152765	-0.655984	16.55	2.00	18.55
OP 15	53.155069	-0.655791	14.05	2.00	16.05
OP 16	53.154908	-0.653227	13.69	2.00	15.69
OP 17	53.154522	-0.652540	13.96	2.00	15.96
OP 18	53.153544	-0.652615	14.35	2.00	16.35
OP 19	53.152347	-0.653581	14.86	2.00	16.86
OP 20	53.151086	-0.653302	14.36	2.00	16.36
OP 21	53.150224	-0.653162	16.20	2.00	18.20
OP 22	53.149407	-0.652958	17.25	2.00	19.25
OP 23	53.149490	-0.656359	17.17	2.00	19.17
OP 24	53.149613	-0.659288	17.63	2.00	19.63
OP 25	53.149419	-0.662464	15.92	2.00	17.92
OP 26	53.148470	-0.662086	15.73	2.00	17.73
OP 27	53.147048	-0.661195	13.92	2.00	15.92
OP 28	53.145722	-0.660208	13.45	2.00	15.45
OP 29	56.144911	-0.659629	-69.74	2.00	-67.74
OP 30	53.144873	-0.661721	15.33	2.00	17.33
OP 31	53.144693	-0.663288	16.24	2.00	18.24
OP 32	53.145310	-0.663427	16.70	2.00	18.70
OP 33	53.145117	-0.665744	16.80	2.00	18.80
OP 34	53.145034	-0.667418	16.87	2.00	18.87
OP 35	53.146095	-0.668276	17.03	2.00	19.03
OP 36	53.147408	-0.668588	16.31	2.00	18.31
OP 37	53.157411	-0.633093	10.71	2.00	12.71
OP 38	53.156028	-0.634810	10.85	2.00	12.85
OP 39	53.156639	-0.630518	9.95	2.00	11.95
OP 40	53.155397	-0.632053	10.32	2.00	12.32
OP 41	53.153255	-0.627182	12.33	2.00	14.33
OP 42	53.149108	-0.631108	13.38	2.00	15.38
OP 43	53.150894	-0.628855	13.90	2.00	15.90
OP 44	53.151318	-0.627890	13.61	2.00	15.61
OP 45	53.151515	-0.625444	14.12	2.00	16.12
OP 46	53.153828	-0.619377	12.71	2.00	14.71
OP 47	53.153906	-0.622923	14.21	2.00	16.21
OP 48	53.153275	-0.621979	13.77	2.00	15.77
OP 49	53.152381	-0.621609	13.67	2.00	15.67
OP 50	53.153172	-0.618755	12.85	2.00	14.85
OP 51	53.152973	-0.616942	10.92	2.00	12.92
OP 52	53.151692	-0.617076	10.08	2.00	12.08
OP 53	53.151171	-0.616856	11.30	2.00	13.30
OP 54	53.142109	-0.671916	17.83	2.00	19.83
OP 55	53.142405	-0.669717	16.13	2.00	18.13
OP 56	53.145392	-0.644379	12.84	2.00	14.84
OP 57	53.145174	-0.643274	13.78	2.00	15.78
OP 58	53.144205	-0.643944	13.69	2.00	15.69
OP 59	53.142796	-0.646616	10.22	2.00	12.22
OP 60	53.142242	-0.646015	11.89	2.00	13.89
OP 61	53.141785	-0.645189	11.00	2.00	13.00
OP 62	53.142513	-0.643928	13.08	2.00	15.08
OP 63	53.140202	-0.645650	11.83	2.00	13.83

OP 64	53.139462	-0.645655	12.20	2.00	14.20
OP 65	53.136518	-0.639416	14.04	2.00	16.04
OP 66	53.139146	-0.632715	14.45	2.00	16.45
OP 67	53.138901	-0.631884	15.28	2.00	17.28
OP 68	53.138608	-0.628982	14.49	2.00	16.49
OP 69	53.140645	-0.607103	9.41	2.00	11.41
OP 70	53.140375	-0.606360	11.08	2.00	13.08
OP 71	53.137691	-0.608669	9.46	2.00	11.46
OP 72	53.135894	-0.632764	15.26	2.00	17.26
OP 73	53.135230	-0.633700	15.51	2.00	17.51
OP 74	53.134910	-0.632910	15.30	2.00	17.30
OP 75	53.134740	-0.630650	15.26	2.00	17.26
OP 76	53.134160	-0.622020	12.01	2.00	14.01
OP 77	53.134270	-0.656540	14.33	2.00	16.33
OP 78	53.134380	-0.647150	10.70	2.00	12.70
OP 79	53.133900	-0.640660	13.07	2.00	15.07
OP 80	53.134140	-0.639900	13.55	2.00	15.55

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
PV array 1	SA tracking	SA tracking	4,150	0	-	-
PV array 10	SA tracking	SA tracking	10,809	1,553	-	-
PV array 11	SA tracking	SA tracking	8,708	493	-	-
PV array 12	SA tracking	SA tracking	4,030	0	-	-
PV array 13	SA tracking	SA tracking	2,815	146	-	-
PV array 14	SA tracking	SA tracking	18,855	0	-	-
PV array 15	SA tracking	SA tracking	10,206	45	-	-
PV array 2	SA tracking	SA tracking	3,600	0	-	-
PV array 3	SA tracking	SA tracking	5,867	120	-	-
PV array 4	SA tracking	SA tracking	637	0	-	-
PV array 5	SA tracking	SA tracking	102	0	-	-
PV array 6	SA tracking	SA tracking	1,817	0	-	-
PV array 7	SA tracking	SA tracking	34,504	4,259	-	-
PV array 8	SA tracking	SA tracking	603	0	-	-
PV array 9	SA tracking	SA tracking	3,340	0	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
pv-array-1 (green)	0	0	0	0	23	104	82	1	1	0	0	0
pv-array-1 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-10 (green)	655	394	190	51	0	0	0	14	70	469	654	775
pv-array-10 (yellow)	62	101	21	36	0	0	0	0	60	66	34	36
pv-array-11 (green)	374	253	220	312	416	259	356	324	190	256	264	401
pv-array-11 (yellow)	45	35	16	0	1	0	0	0	1	5	20	40
pv-array-12 (green)	86	1	0	0	0	0	0	0	71	108	64	182
pv-array-12 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-13 (green)	1	0	83	180	259	275	271	83	42	157	133	69
pv-array-13 (yellow)	0	0	3	40	4	0	0	5	0	12	14	0
pv-array-14 (green)	639	236	130	49	11	0	1	39	145	252	701	1002
pv-array-14 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-15 (green)	530	295	38	0	0	0	0	0	0	313	477	708
pv-array-15 (yellow)	2	0	0	0	0	0	0	0	0	0	2	9
pv-array-2 (green)	0	0	0	0	138	60	175	0	0	0	0	0
pv-array-2 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-3 (green)	0	0	39	142	357	332	210	167	61	0	0	0
pv-array-3 (yellow)	0	0	0	2	34	48	32	4	0	0	0	0
pv-array-4 (green)	83	0	0	0	0	0	0	0	0	0	0	554
pv-array-4 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-5 (green)	0	0	0	0	35	0	0	0	0	0	0	0
pv-array-5 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-6 (green)	576	0	0	0	0	0	0	0	0	0	319	922
pv-array-6 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-7 (green)	0	3	298	677	904	1120	1014	898	478	38	0	0
pv-array-7 (yellow)	0	0	4	15	36	48	44	29	6	0	0	0
pv-array-8 (green)	0	0	0	0	40	0	0	49	167	32	46	65
pv-array-8 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-9 (green)	0	0	0	0	117	108	165	0	132	73	35	0
pv-array-9 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

PV array 1 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	197	0
OP: OP 2	197	0
OP: OP 3	182	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	62	0

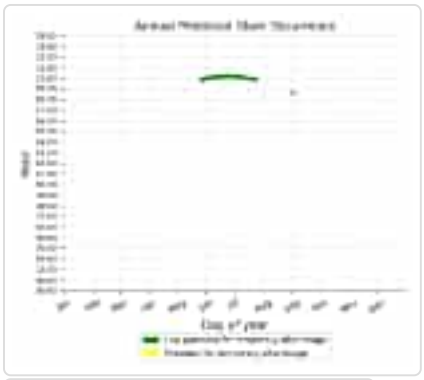
OP: OP 14	125	0
OP: OP 15	203	0
OP: OP 16	201	0
OP: OP 17	201	0
OP: OP 18	200	0
OP: OP 19	143	0
OP: OP 20	116	0
OP: OP 21	58	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	27	0
OP: OP 38	149	0
OP: OP 39	21	0
OP: OP 40	96	0
OP: OP 41	107	0
OP: OP 42	195	0
OP: OP 43	194	0
OP: OP 44	194	0
OP: OP 45	182	0
OP: OP 46	0	0
OP: OP 47	19	0
OP: OP 48	29	0
OP: OP 49	50	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	22	0
OP: OP 53	34	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	28	0
OP: OP 57	74	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	39	0
OP: OP 67	56	0

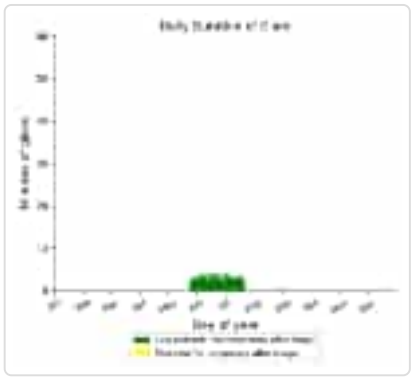
OP: OP 68	115	0
OP: OP 69	190	0
OP: OP 70	192	0
OP: OP 71	195	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	57	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

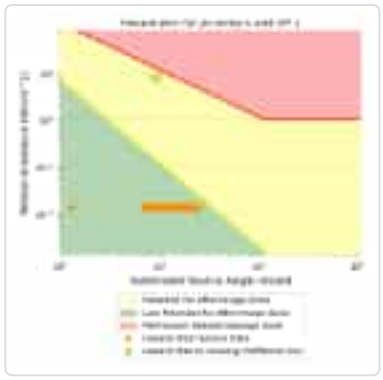
PV array 1: OP 1

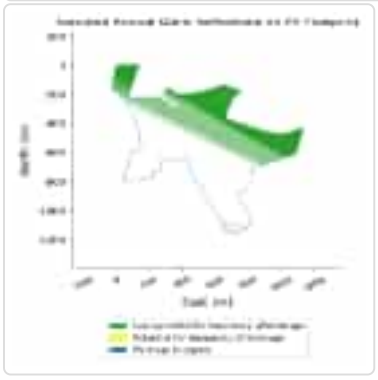
PV array is expected to produce the following glare for this receptor:

- 197 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





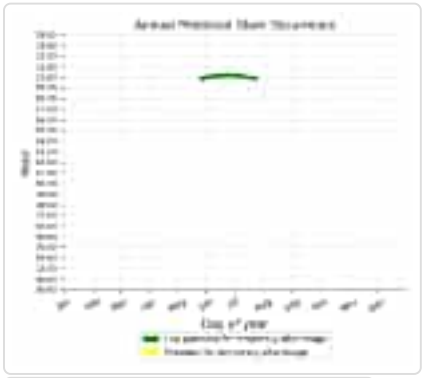


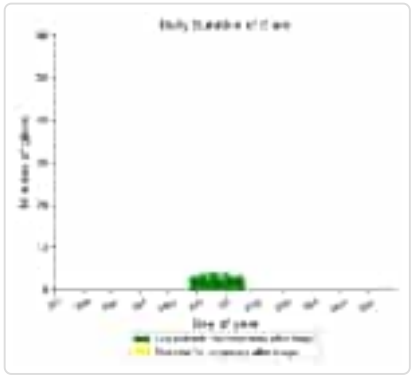


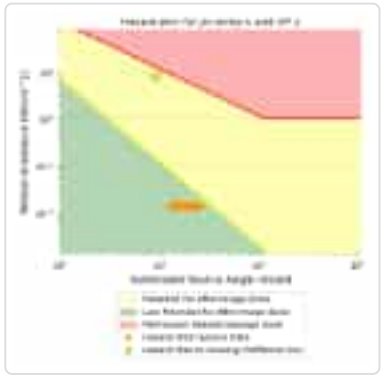
PV array 1: OP 2

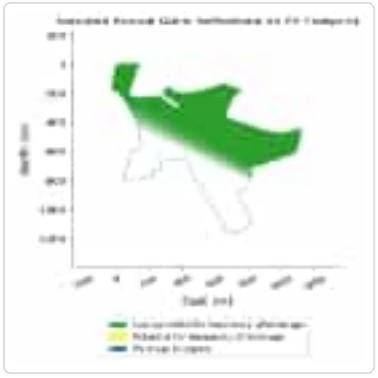
PV array is expected to produce the following glare for this receptor:

- 197 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





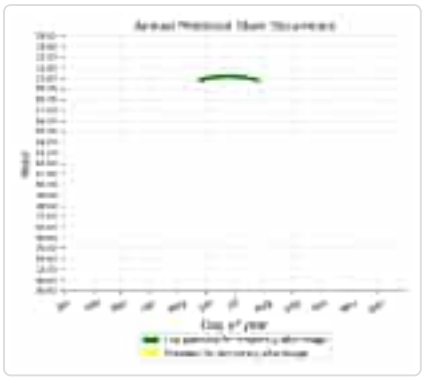


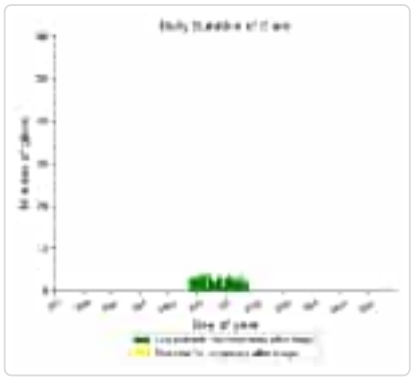


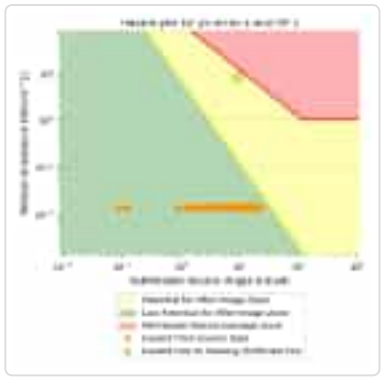
PV array 1: OP 3

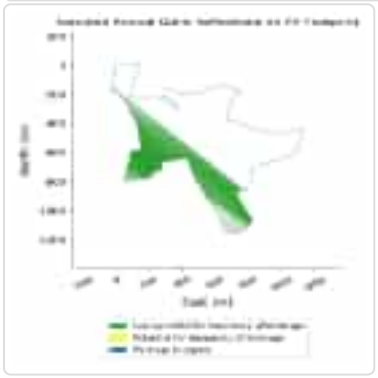
PV array is expected to produce the following glare for this receptor:

- 182 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 4

No glare found

PV array 1: OP 5

No glare found

PV array 1: OP 6

No glare found

PV array 1: OP 7

No glare found

PV array 1: OP 8

No glare found

PV array 1: OP 9

No glare found

PV array 1: OP 10

No glare found

PV array 1: OP 11

No glare found

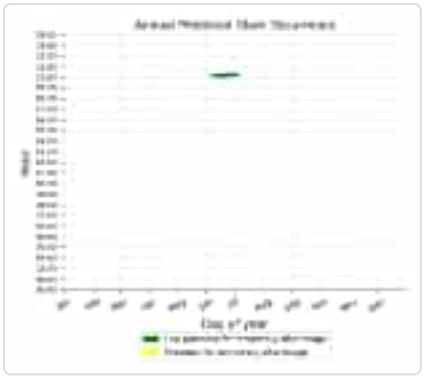
PV array 1: OP 12

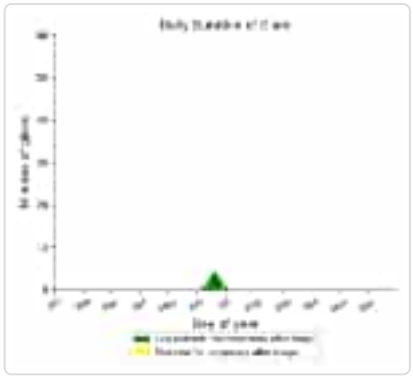
No glare found

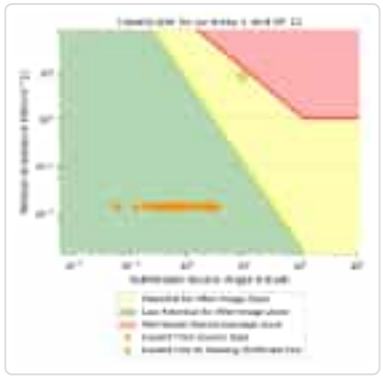
PV array 1: OP 13

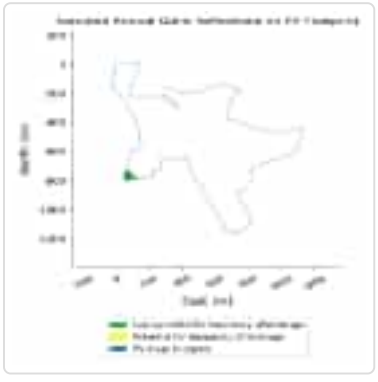
PV array is expected to produce the following glare for this receptor:

- 62 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





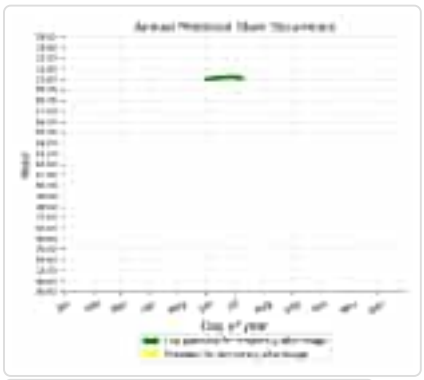


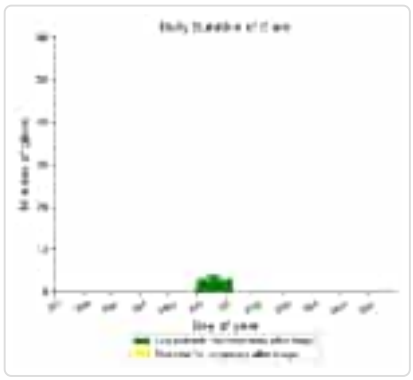


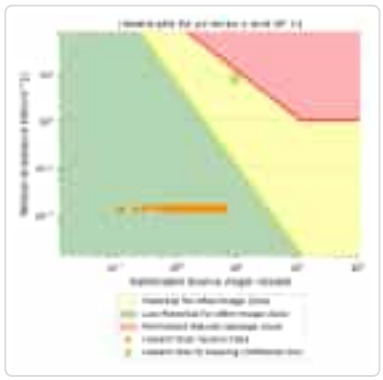
PV array 1: OP 14

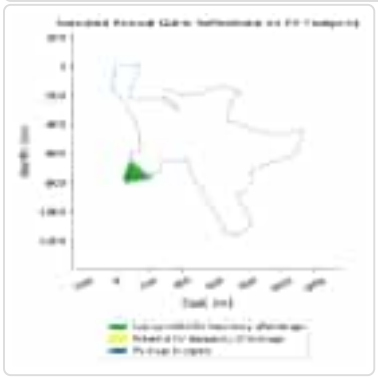
PV array is expected to produce the following glare for this receptor:

- 125 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





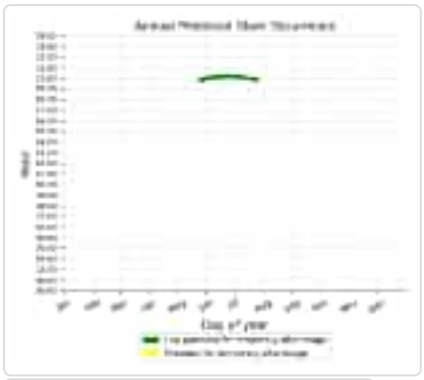


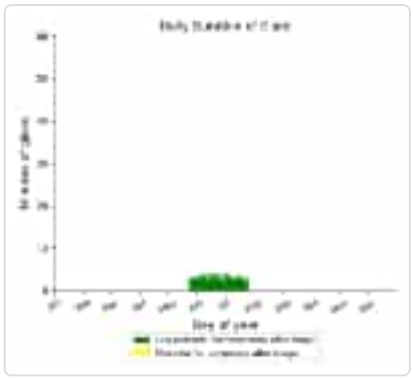


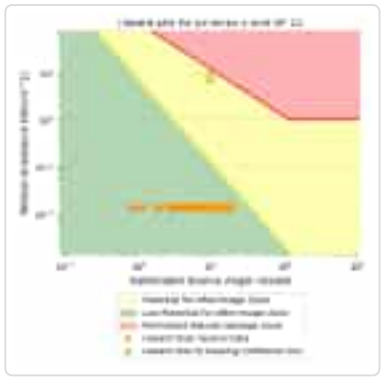
PV array 1: OP 15

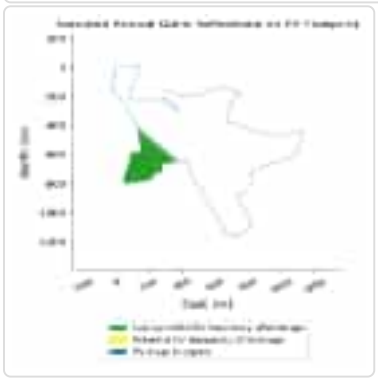
PV array is expected to produce the following glare for this receptor:

- 203 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





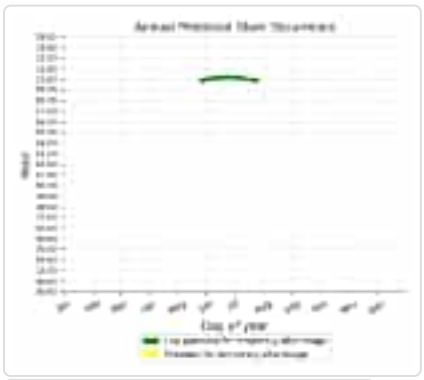


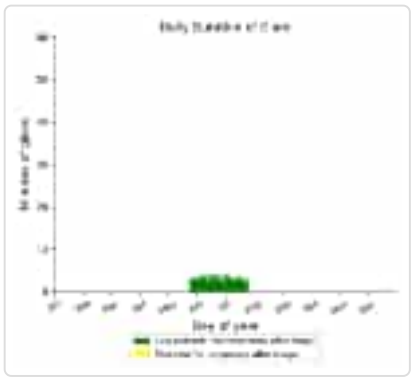


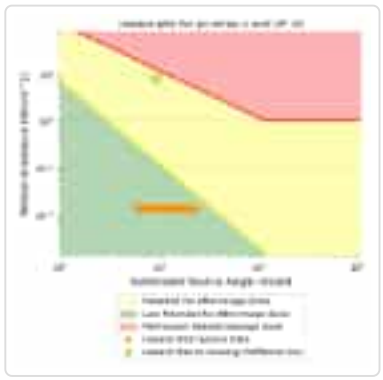
PV array 1: OP 16

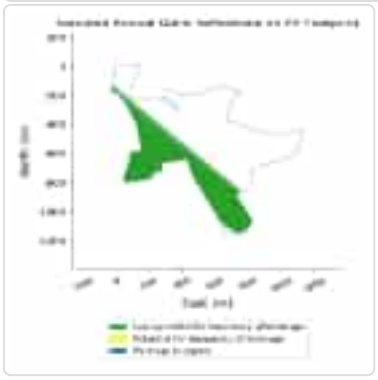
PV array is expected to produce the following glare for this receptor:

- 201 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





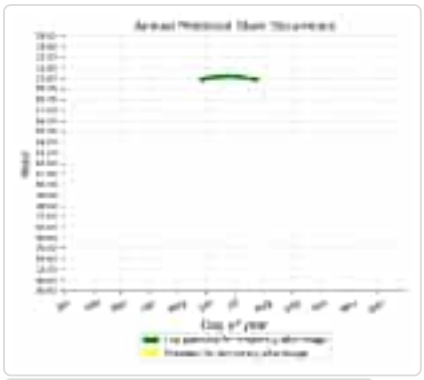


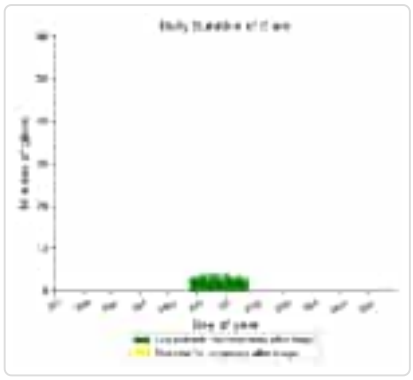


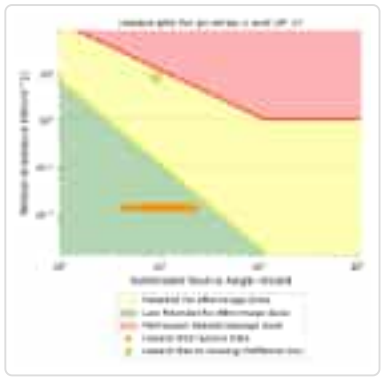
PV array 1: OP 17

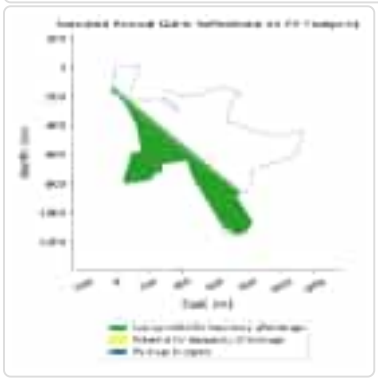
PV array is expected to produce the following glare for this receptor:

- 201 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





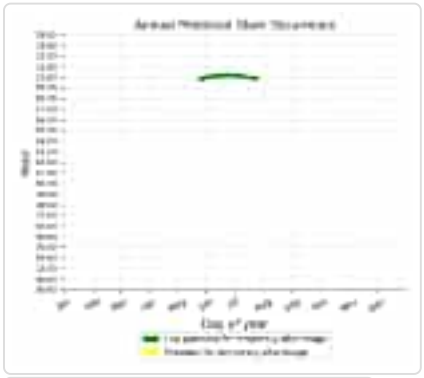


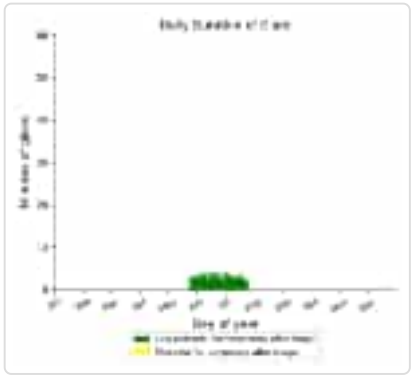


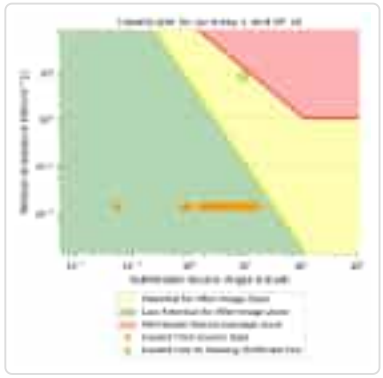
PV array 1: OP 18

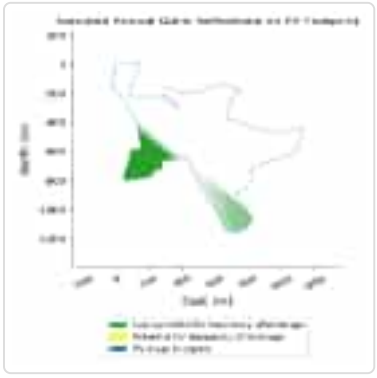
PV array is expected to produce the following glare for this receptor:

- 200 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





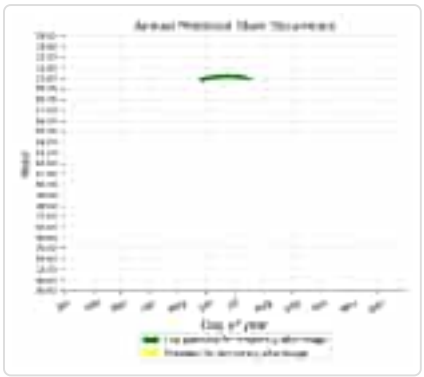


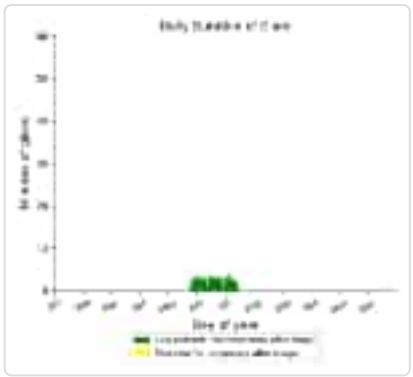


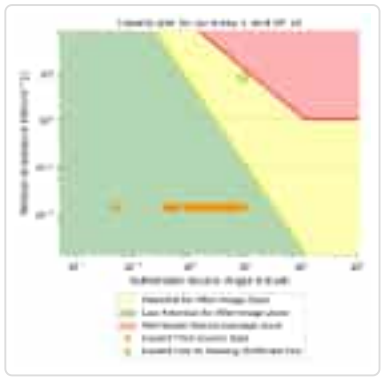
PV array 1: OP 19

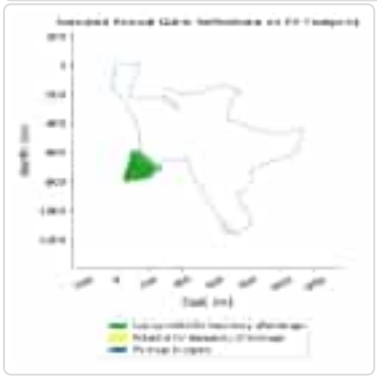
PV array is expected to produce the following glare for this receptor:

- 143 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





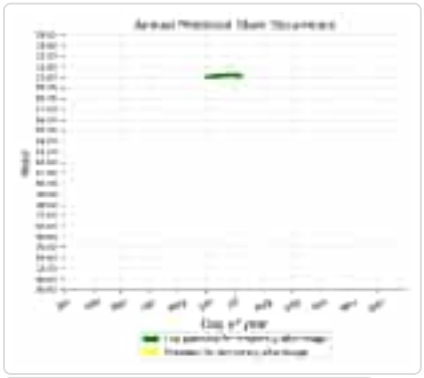


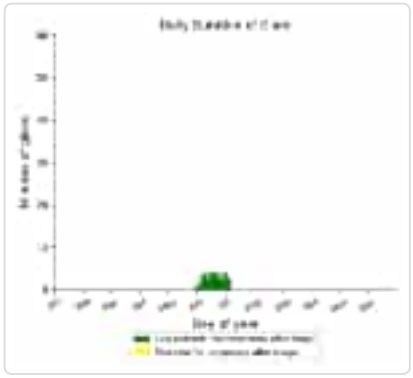


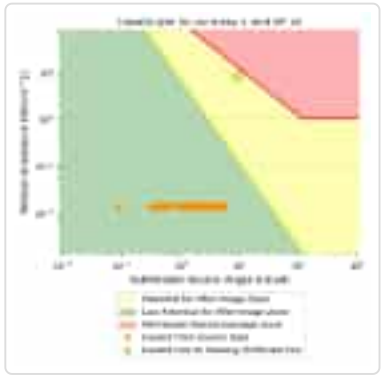
PV array 1: OP 20

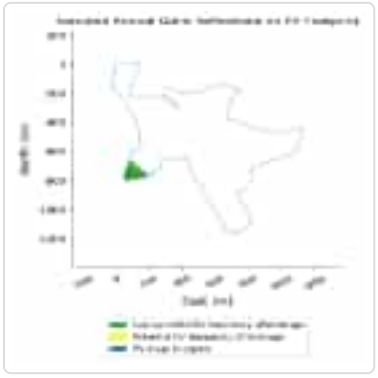
PV array is expected to produce the following glare for this receptor:

- 116 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





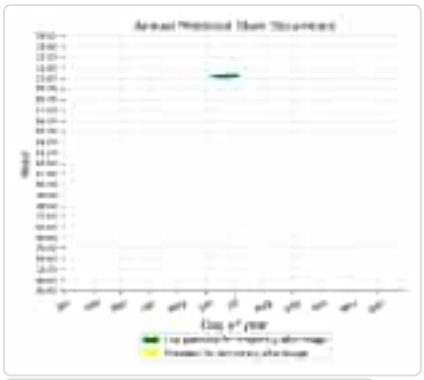


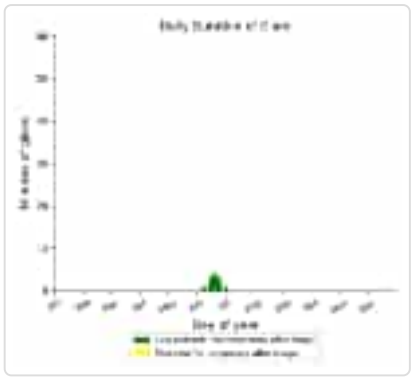


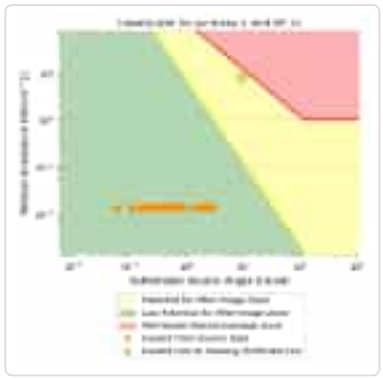
PV array 1: OP 21

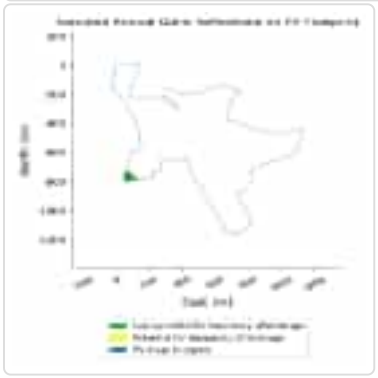
PV array is expected to produce the following glare for this receptor:

- 58 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 22

No glare found

PV array 1: OP 23

No glare found

PV array 1: OP 24

No glare found

PV array 1: OP 25

No glare found

PV array 1: OP 26

No glare found

PV array 1: OP 27

No glare found

PV array 1: OP 28

No glare found

PV array 1: OP 29

No glare found

PV array 1: OP 30

No glare found

PV array 1: OP 31

No glare found

PV array 1: OP 32

No glare found

PV array 1: OP 33

No glare found

PV array 1: OP 34

No glare found

PV array 1: OP 35

No glare found

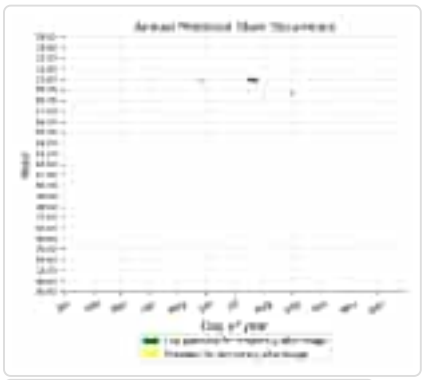
PV array 1: OP 36

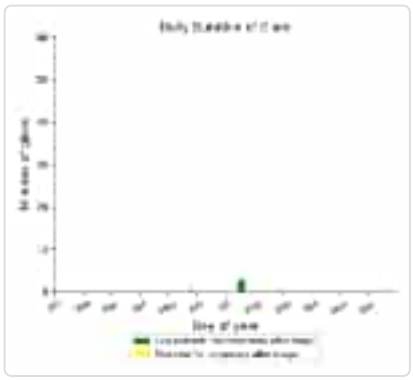
No glare found

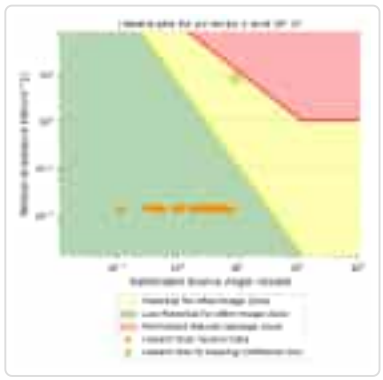
PV array 1: OP 37

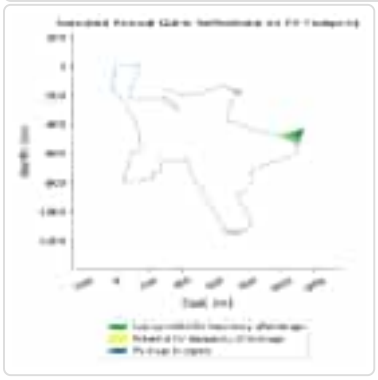
PV array is expected to produce the following glare for this receptor:

- 27 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





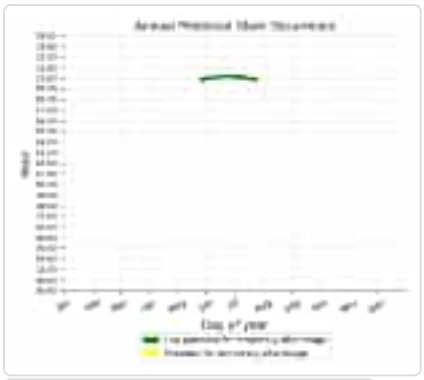


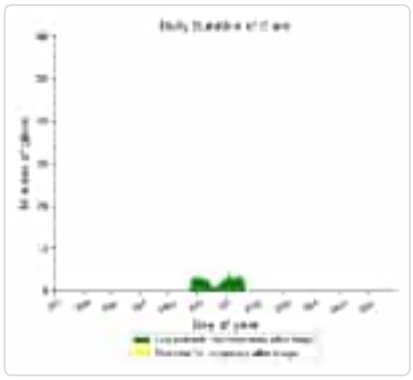


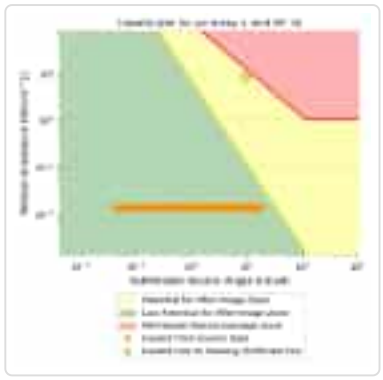
PV array 1: OP 38

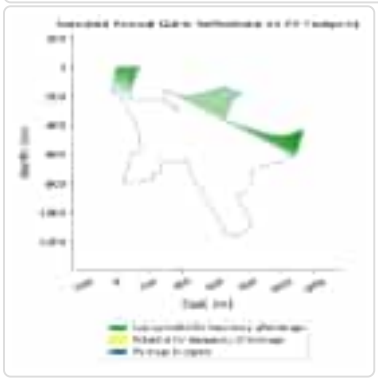
PV array is expected to produce the following glare for this receptor:

- 149 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





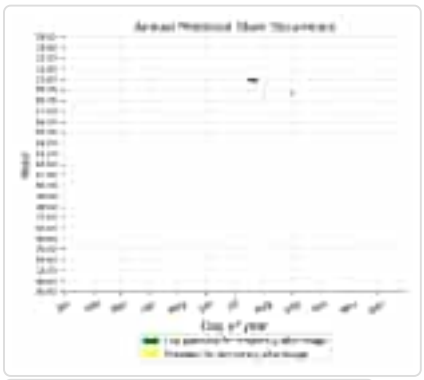


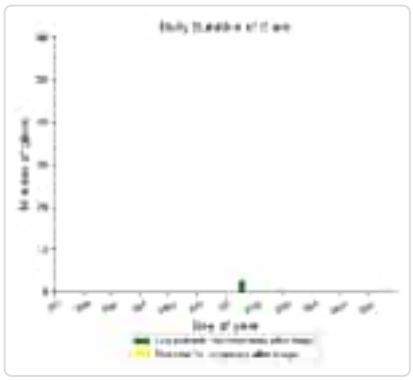


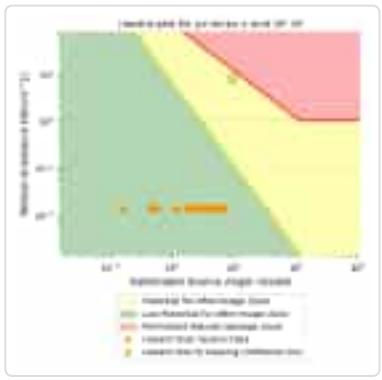
PV array 1: OP 39

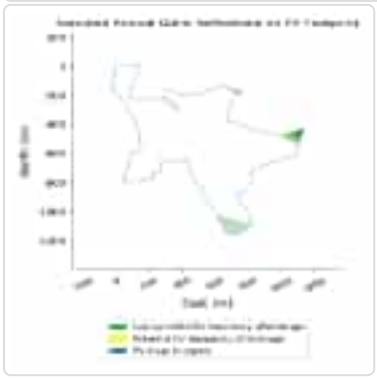
PV array is expected to produce the following glare for this receptor:

- 21 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





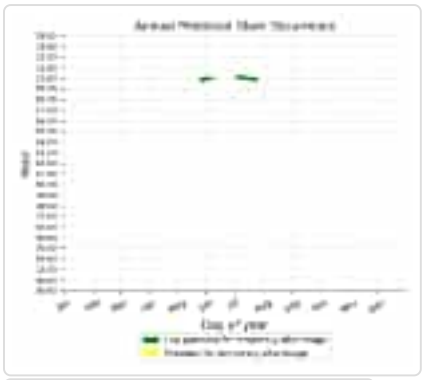


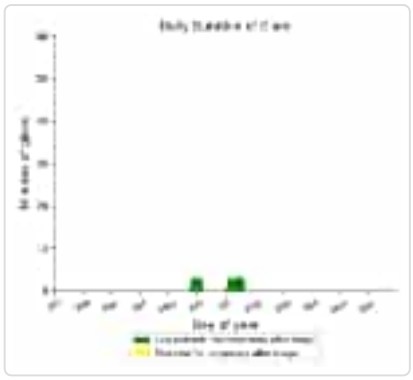


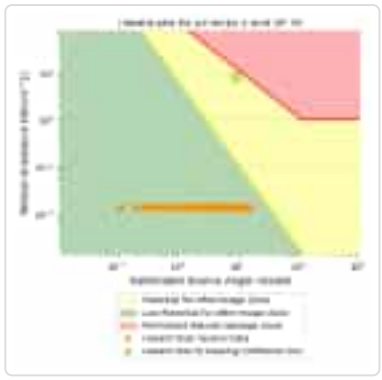
PV array 1: OP 40

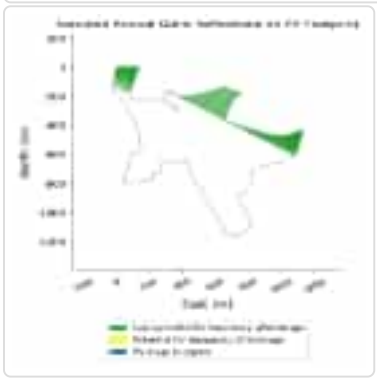
PV array is expected to produce the following glare for this receptor:

- 96 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





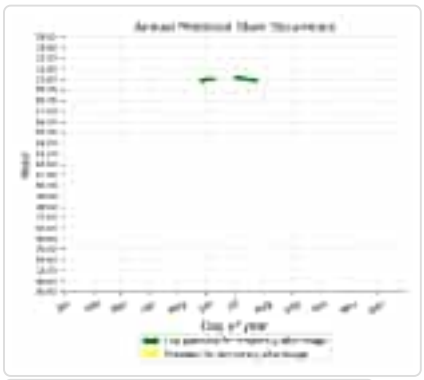


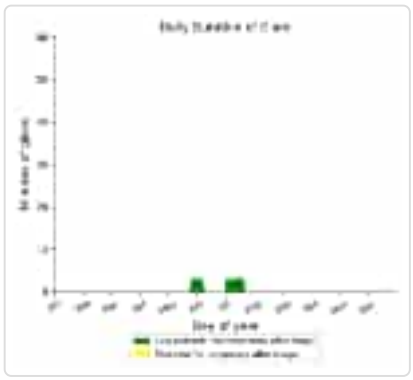


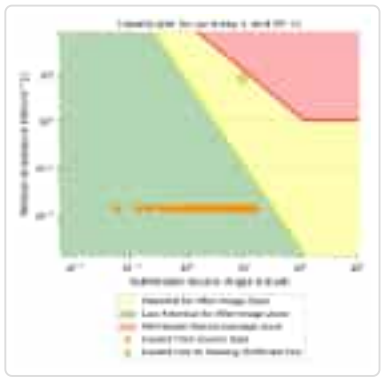
PV array 1: OP 41

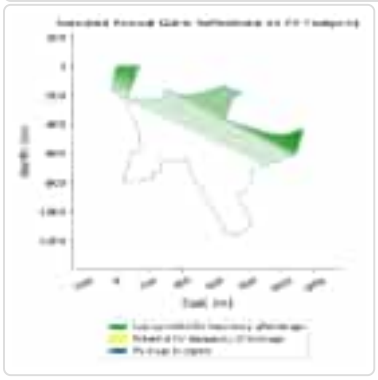
PV array is expected to produce the following glare for this receptor:

- 107 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





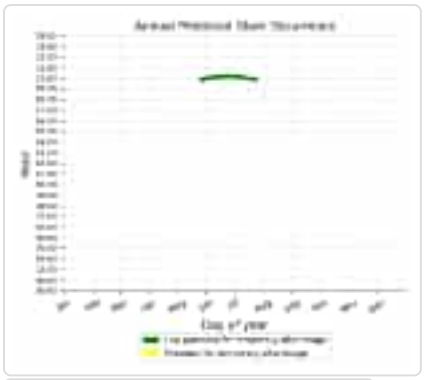


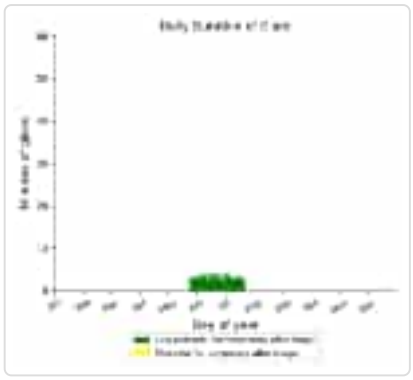


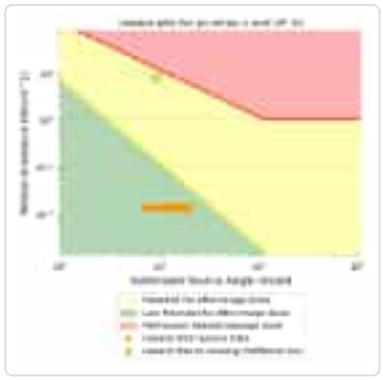
PV array 1: OP 42

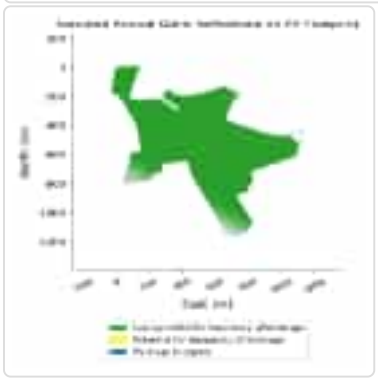
PV array is expected to produce the following glare for this receptor:

- 195 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





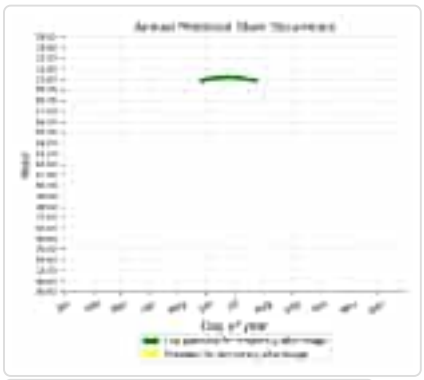


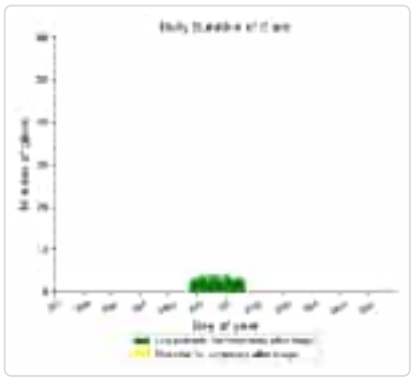


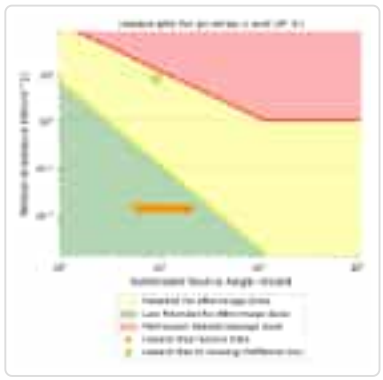
PV array 1: OP 43

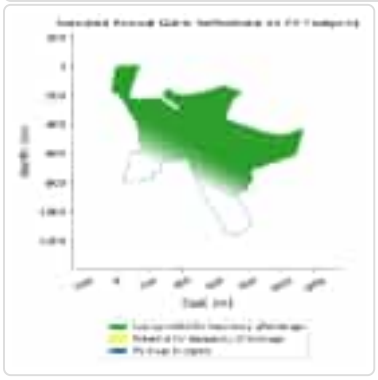
PV array is expected to produce the following glare for this receptor:

- 194 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





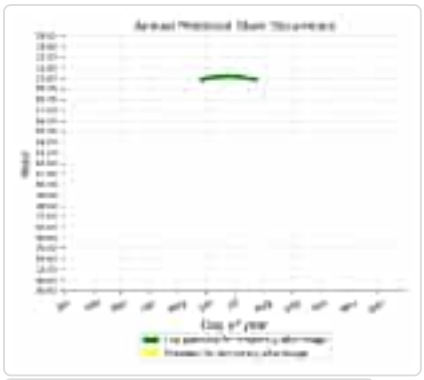


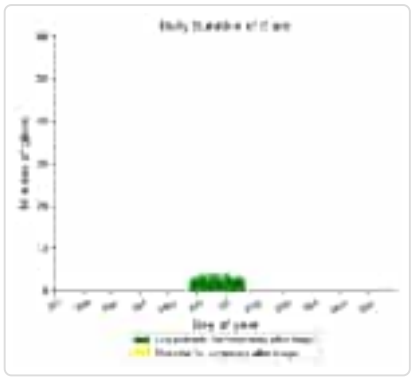


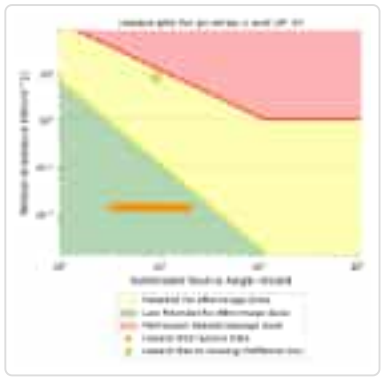
PV array 1: OP 44

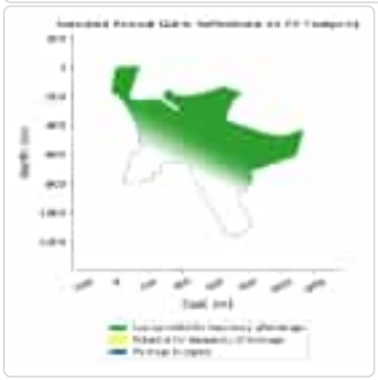
PV array is expected to produce the following glare for this receptor:

- 194 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





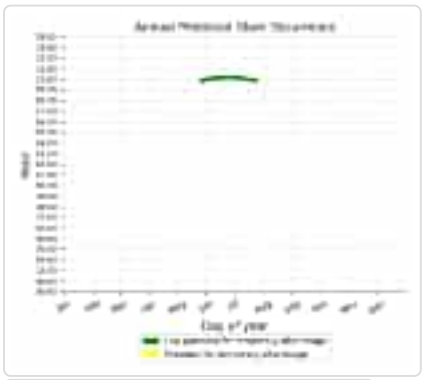


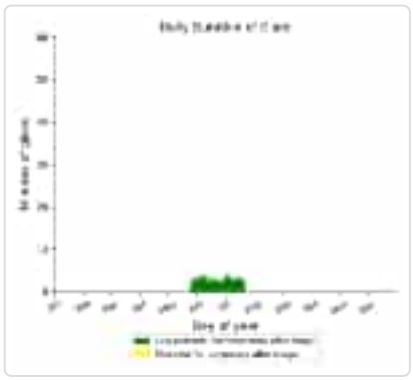


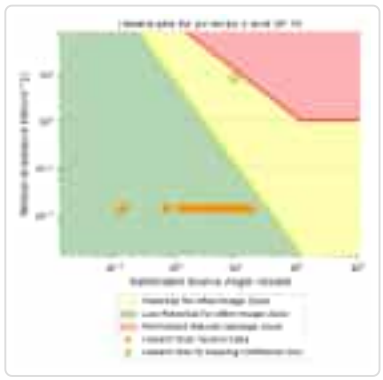
PV array 1: OP 45

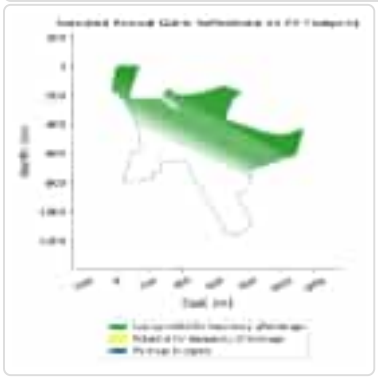
PV array is expected to produce the following glare for this receptor:

- 182 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









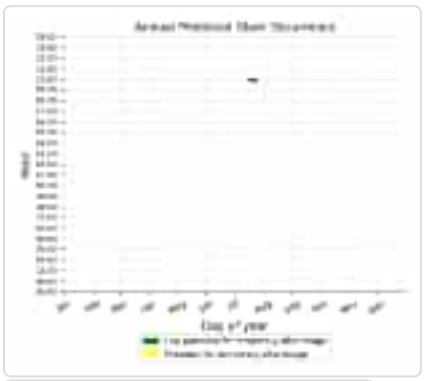
PV array 1: OP 46

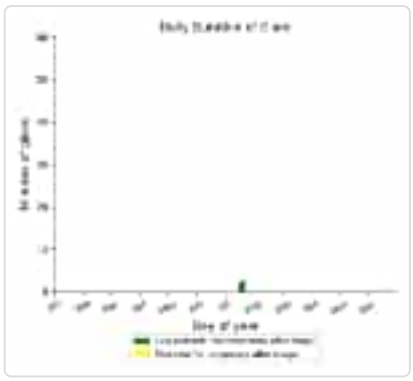
No glare found

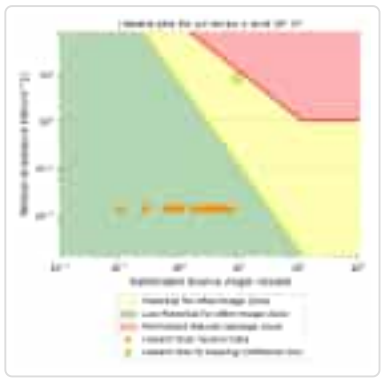
PV array 1: OP 47

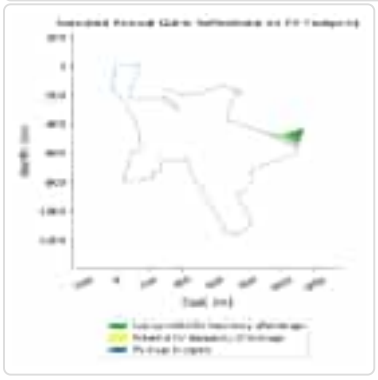
PV array is expected to produce the following glare for this receptor:

- 19 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





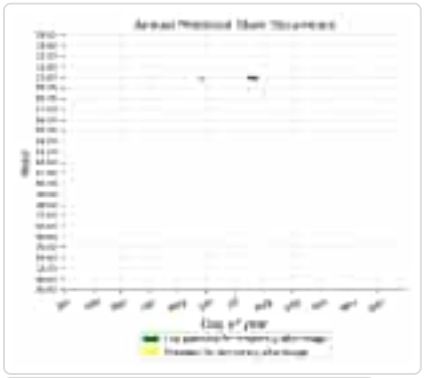


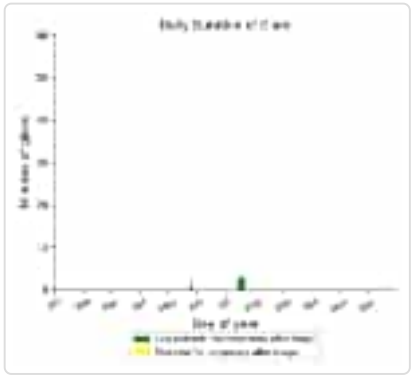


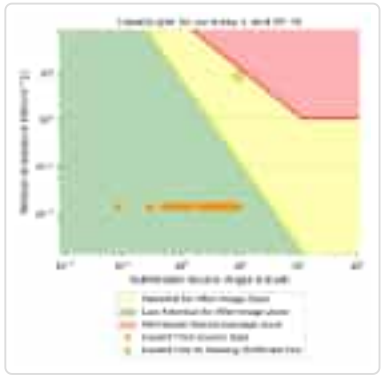
PV array 1: OP 48

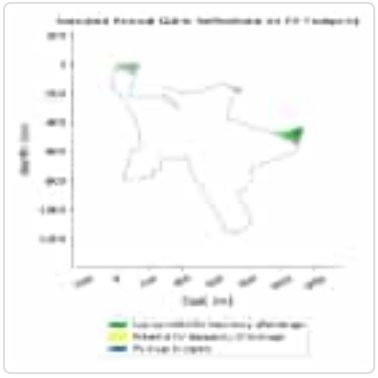
PV array is expected to produce the following glare for this receptor:

- 29 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





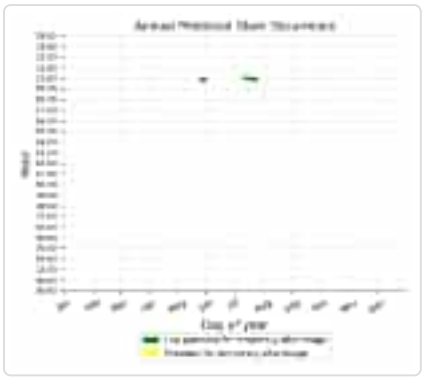


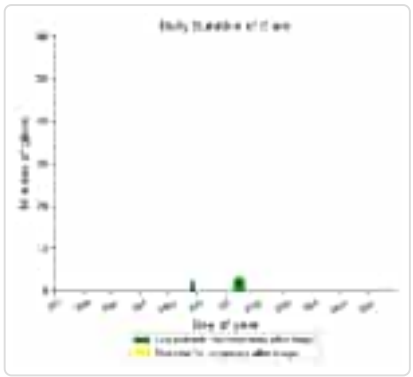


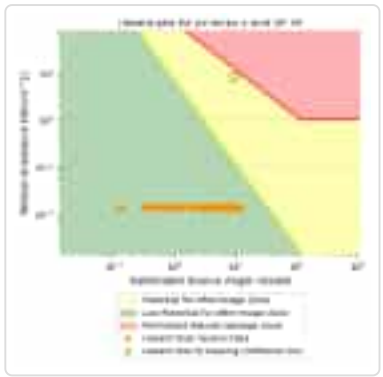
PV array 1: OP 49

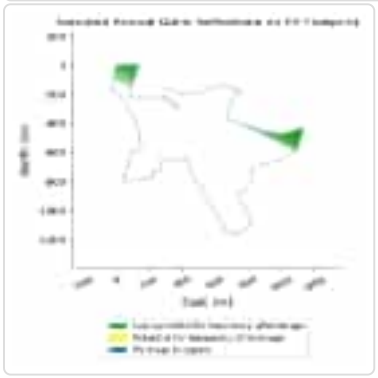
PV array is expected to produce the following glare for this receptor:

- 50 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 50

No glare found

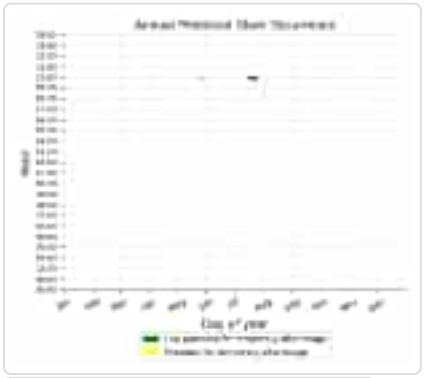
PV array 1: OP 51

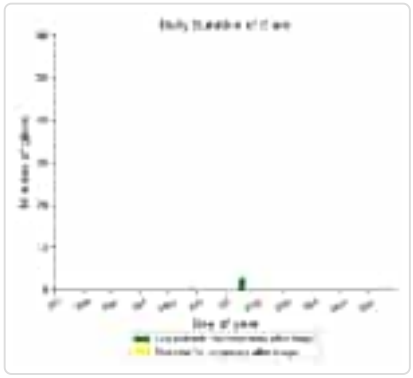
No glare found

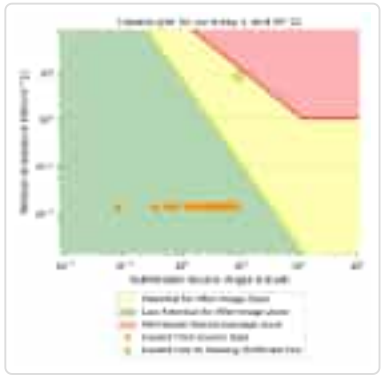
PV array 1: OP 52

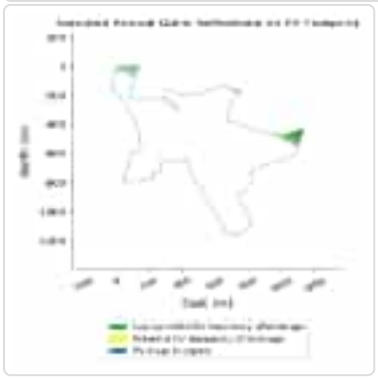
PV array is expected to produce the following glare for this receptor:

- 22 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





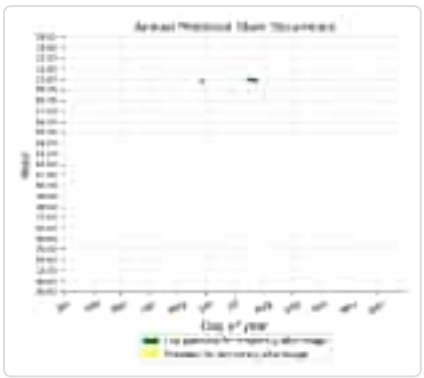


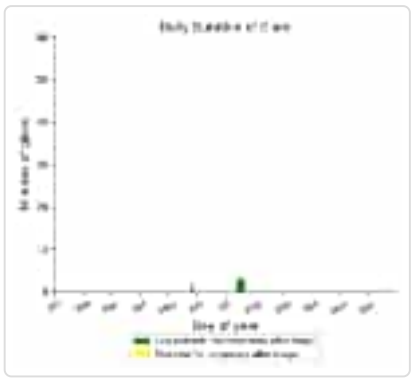


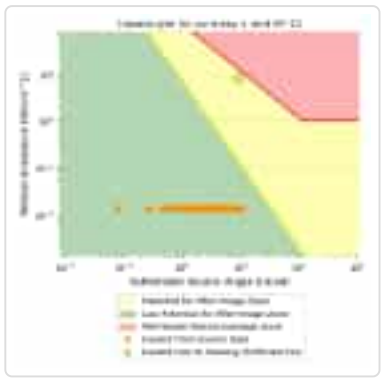
PV array 1: OP 53

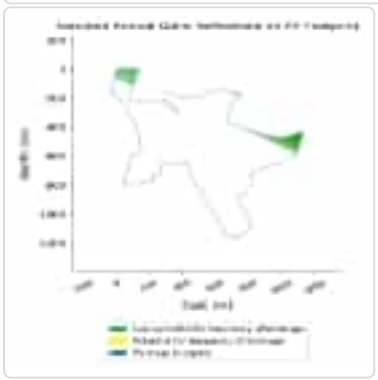
PV array is expected to produce the following glare for this receptor:

- 34 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 54

No glare found

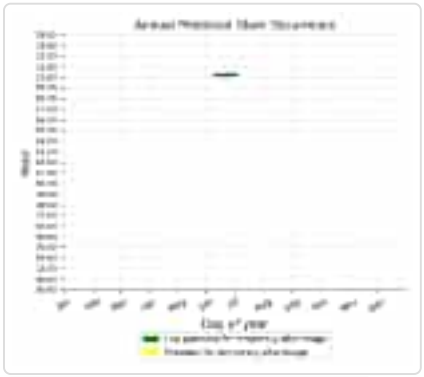
PV array 1: OP 55

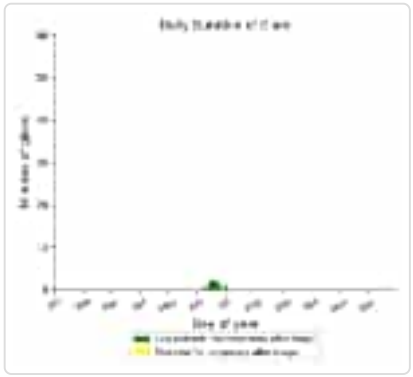
No glare found

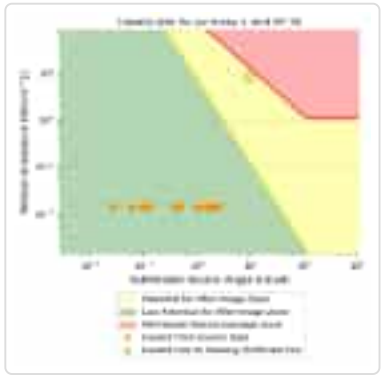
PV array 1: OP 56

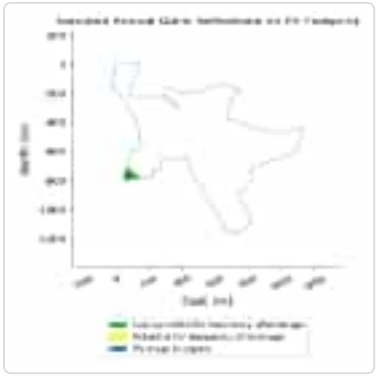
PV array is expected to produce the following glare for this receptor:

- 28 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





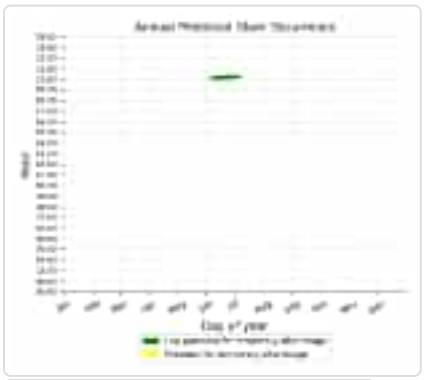


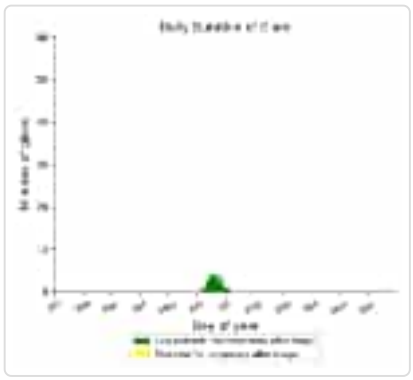


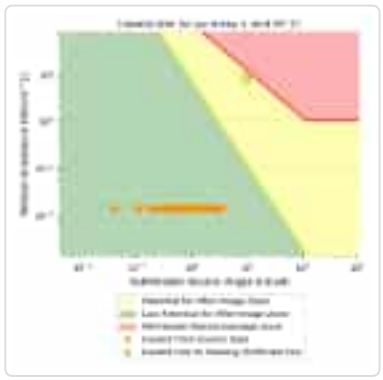
PV array 1: OP 57

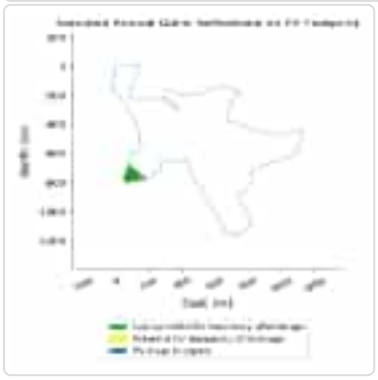
PV array is expected to produce the following glare for this receptor:

- 74 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 58

No glare found

PV array 1: OP 59

No glare found

PV array 1: OP 60

No glare found

PV array 1: OP 61

No glare found

PV array 1: OP 62

No glare found

PV array 1: OP 63

No glare found

PV array 1: OP 64

No glare found

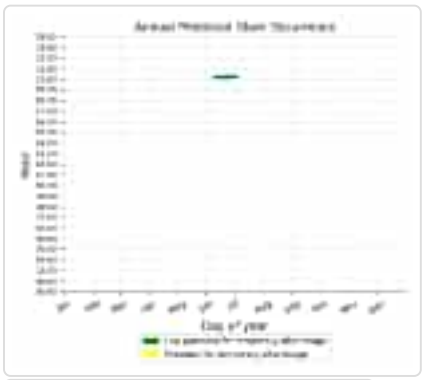
PV array 1: OP 65

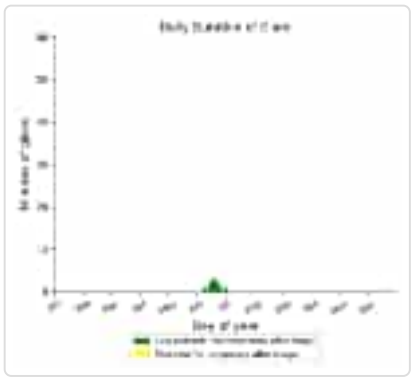
No glare found

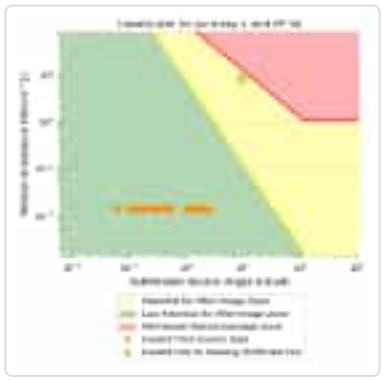
PV array 1: OP 66

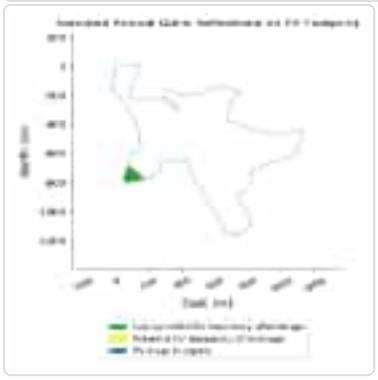
PV array is expected to produce the following glare for this receptor:

- 39 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





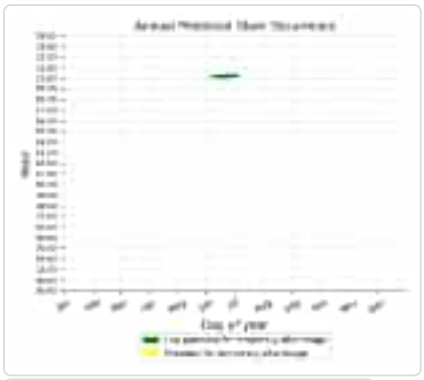


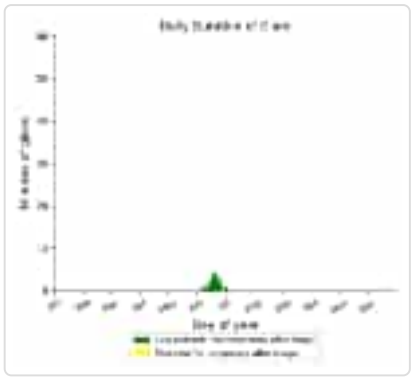


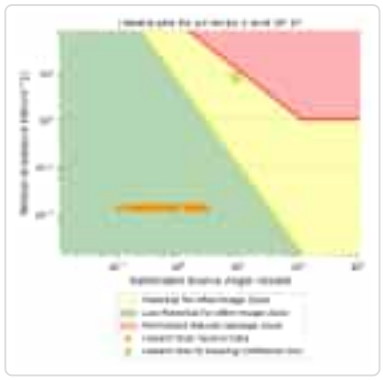
PV array 1: OP 67

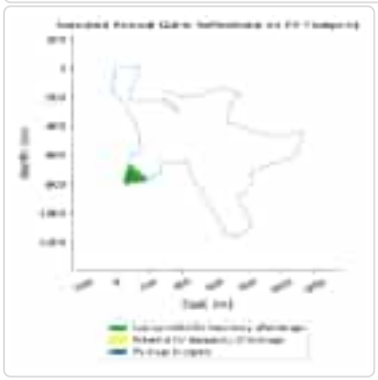
PV array is expected to produce the following glare for this receptor:

- 56 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





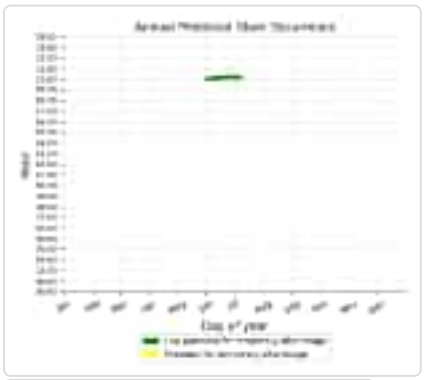


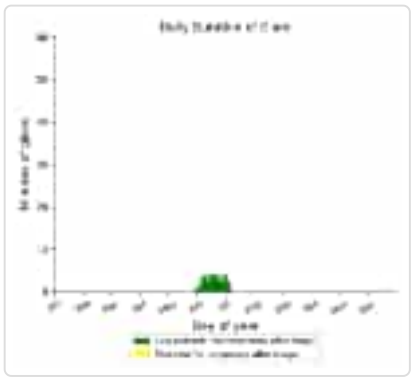


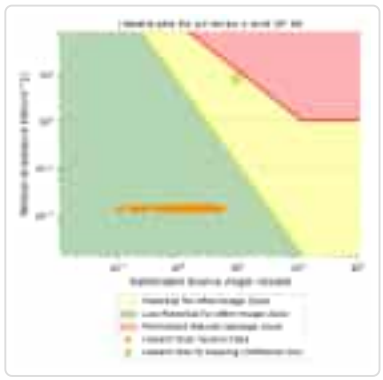
PV array 1: OP 68

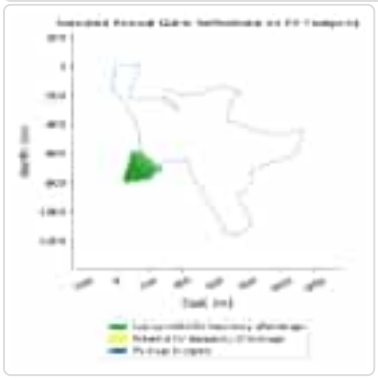
PV array is expected to produce the following glare for this receptor:

- 115 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





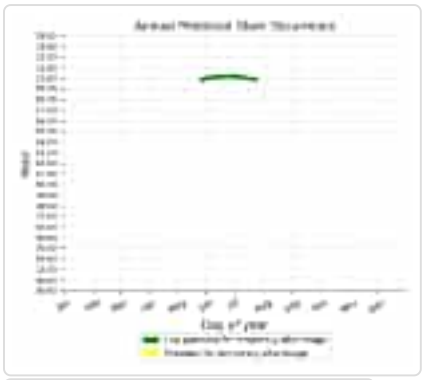


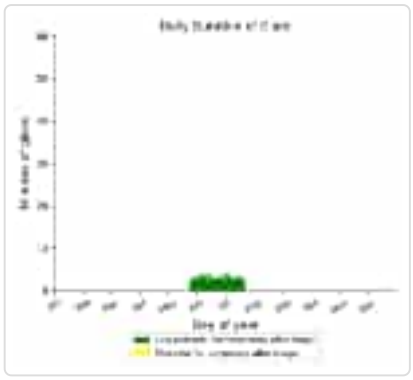


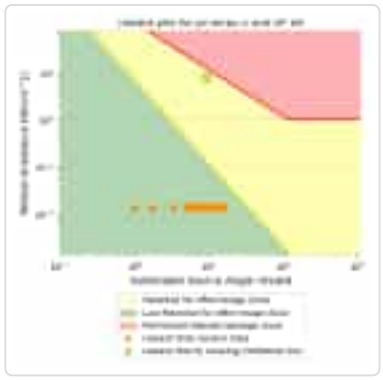
PV array 1: OP 69

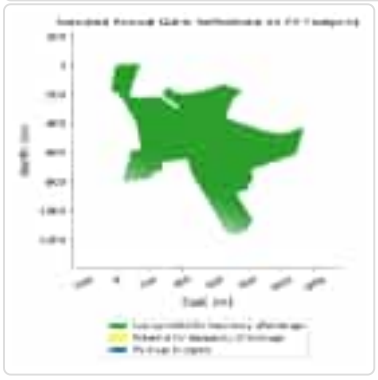
PV array is expected to produce the following glare for this receptor:

- 190 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





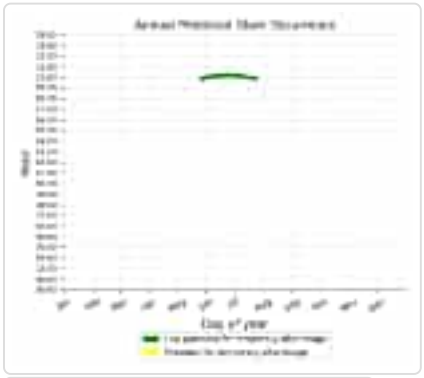


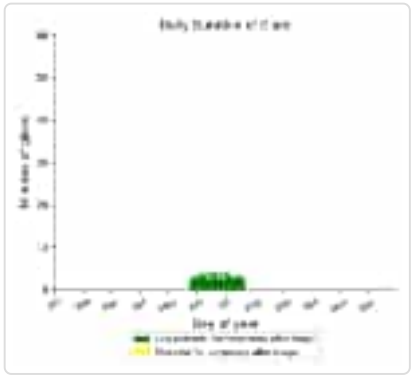


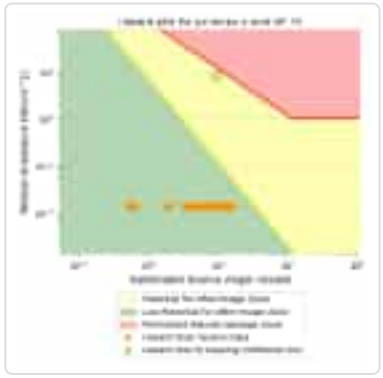
PV array 1: OP 70

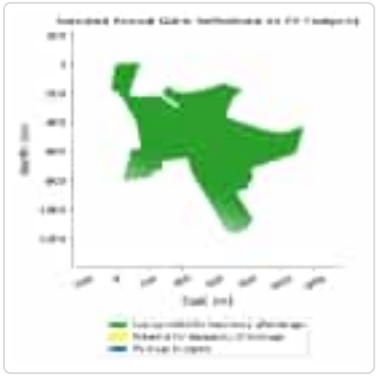
PV array is expected to produce the following glare for this receptor:

- 192 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





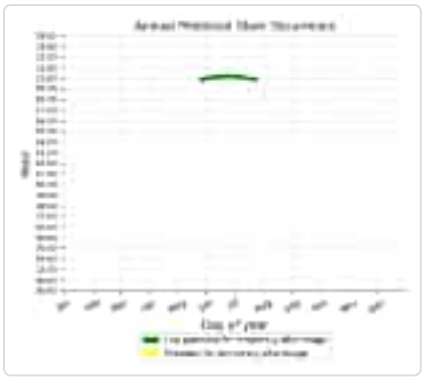


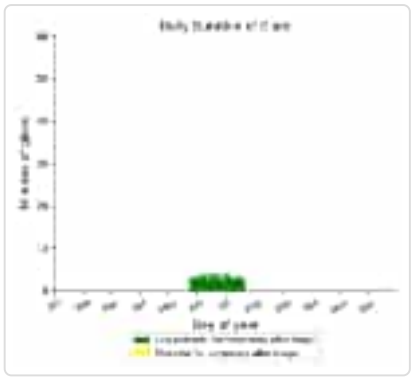


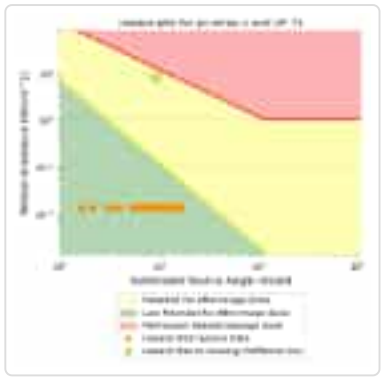
PV array 1: OP 71

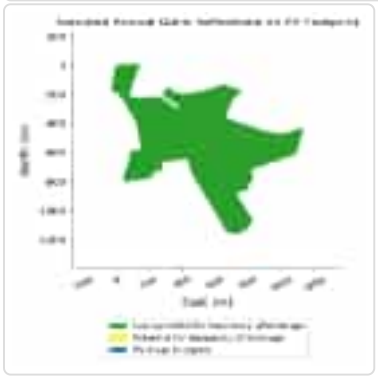
PV array is expected to produce the following glare for this receptor:

- 195 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 72

No glare found

PV array 1: OP 73

No glare found

PV array 1: OP 74

No glare found

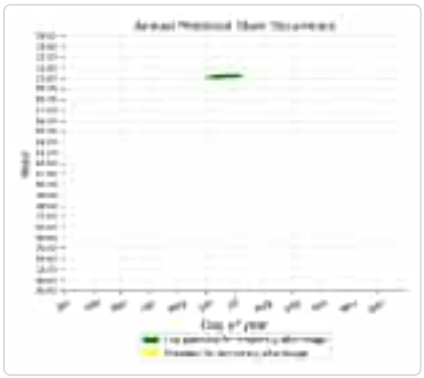
PV array 1: OP 75

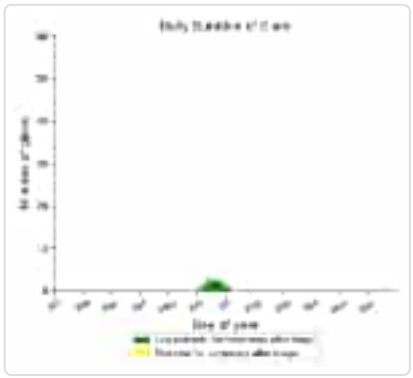
No glare found

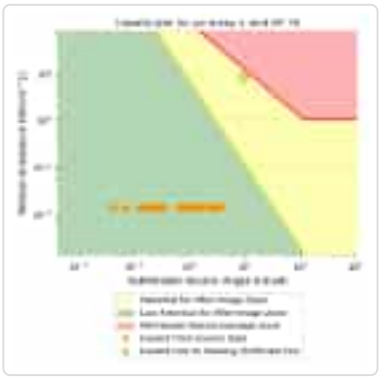
PV array 1: OP 76

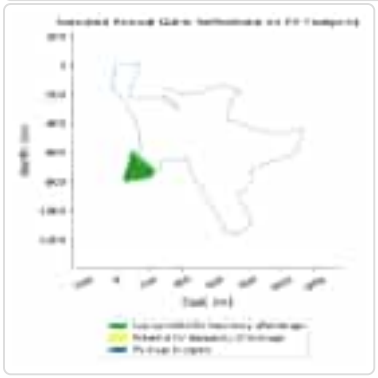
PV array is expected to produce the following glare for this receptor:

- 57 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 77

No glare found

PV array 1: OP 78

No glare found

PV array 1: OP 79

No glare found

PV array 1: OP 80

No glare found

PV array 10 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	287	0
OP: OP 2	447	0

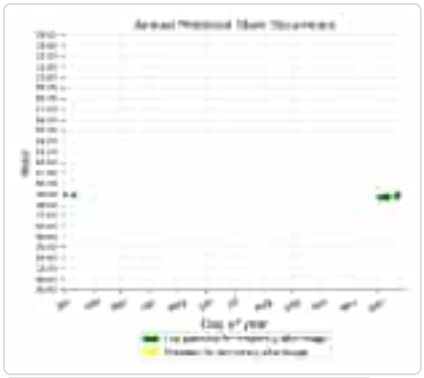
OP: OP 3	566	0
OP: OP 4	74	0
OP: OP 5	103	0
OP: OP 6	101	0
OP: OP 7	117	0
OP: OP 8	84	0
OP: OP 9	63	0
OP: OP 10	78	0
OP: OP 11	145	0
OP: OP 12	194	0
OP: OP 13	207	0
OP: OP 14	236	0
OP: OP 15	342	0
OP: OP 16	467	0
OP: OP 17	503	0
OP: OP 18	440	0
OP: OP 19	256	0
OP: OP 20	191	0
OP: OP 21	188	0
OP: OP 22	180	0
OP: OP 23	157	0
OP: OP 24	149	0
OP: OP 25	106	0
OP: OP 26	63	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	393	24
OP: OP 42	872	1030
OP: OP 43	862	390
OP: OP 44	674	108
OP: OP 45	864	1
OP: OP 46	0	0
OP: OP 47	544	0
OP: OP 48	558	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	98	0
OP: OP 52	75	0
OP: OP 53	62	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	36	0

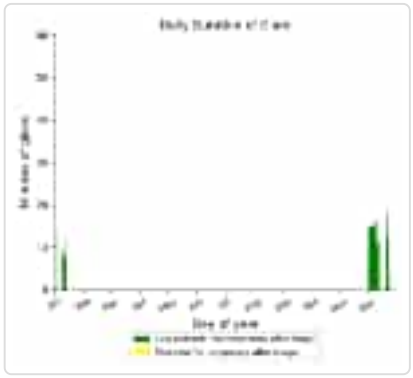
OP: OP 57	27	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

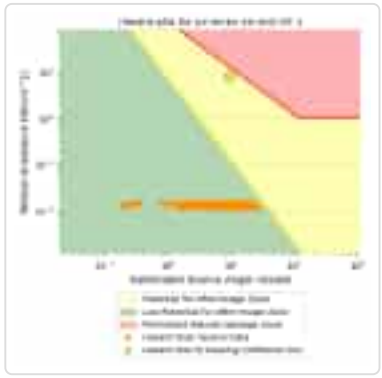
PV array 10: OP 1

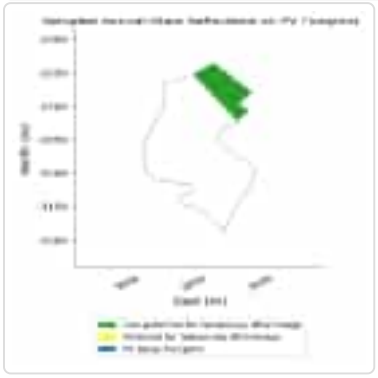
PV array is expected to produce the following glare for this receptor:

- 287 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





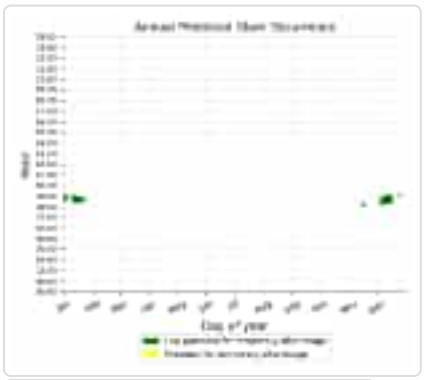


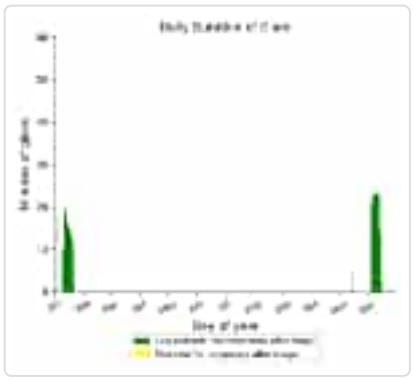


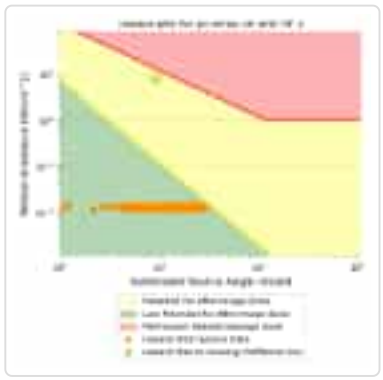
PV array 10: OP 2

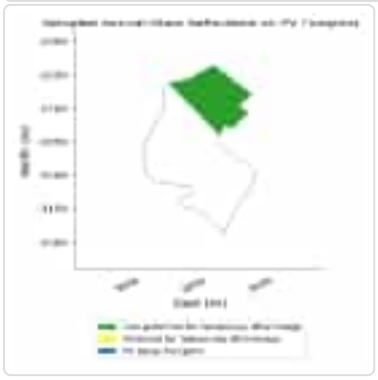
PV array is expected to produce the following glare for this receptor:

- 447 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





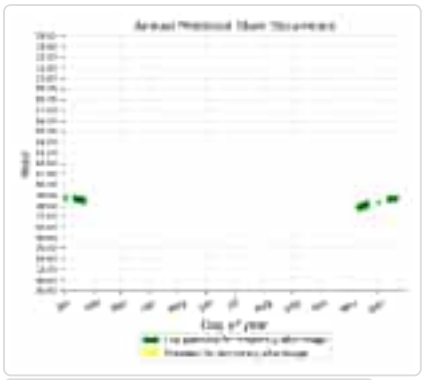


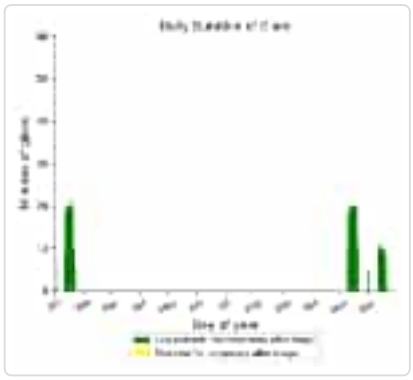


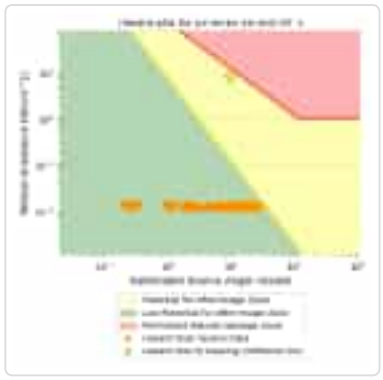
PV array 10: OP 3

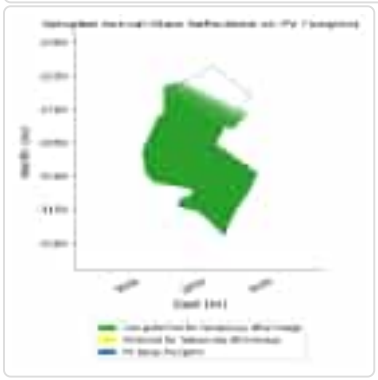
PV array is expected to produce the following glare for this receptor:

- 566 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





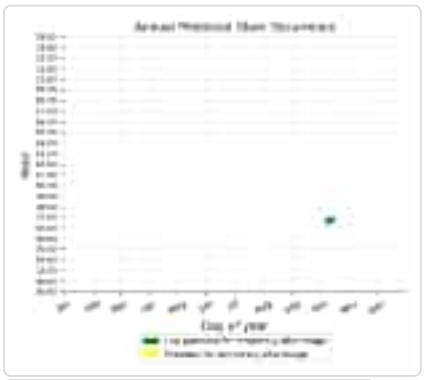


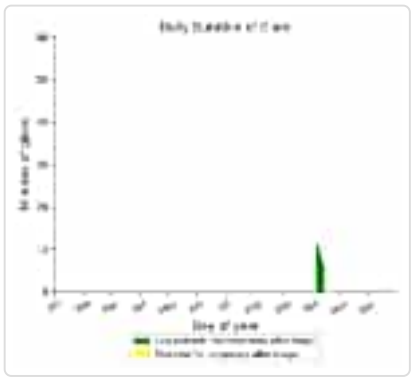


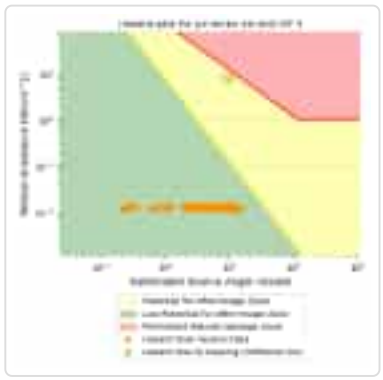
PV array 10: OP 4

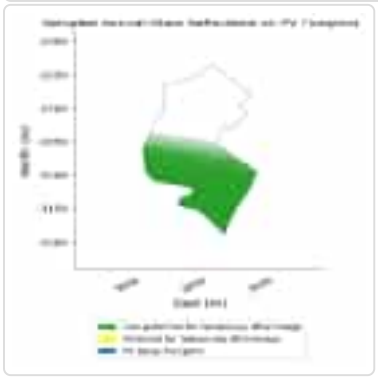
PV array is expected to produce the following glare for this receptor:

- 74 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





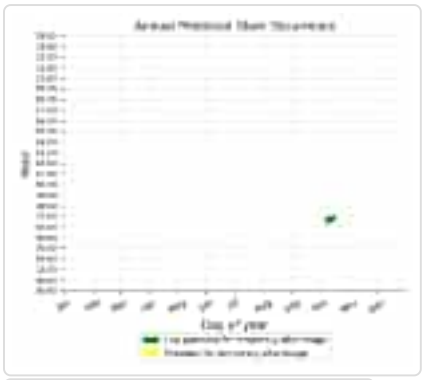


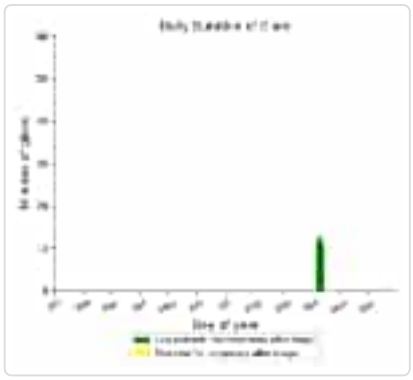


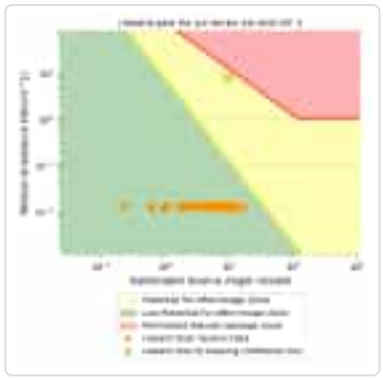
PV array 10: OP 5

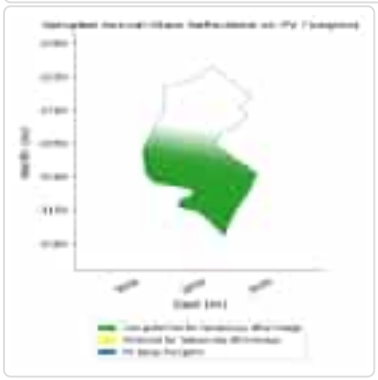
PV array is expected to produce the following glare for this receptor:

- 103 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





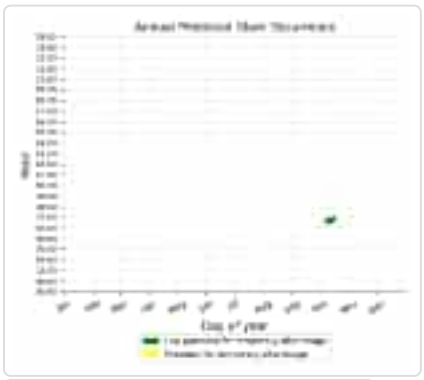


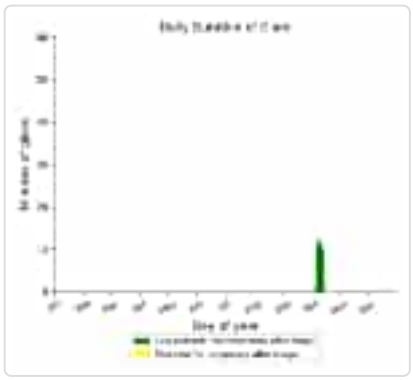


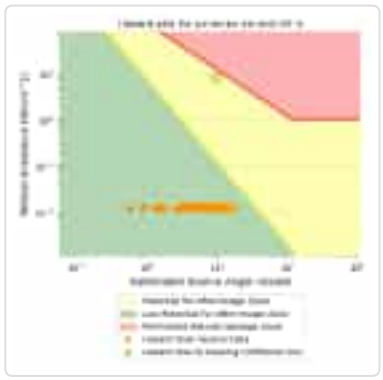
PV array 10: OP 6

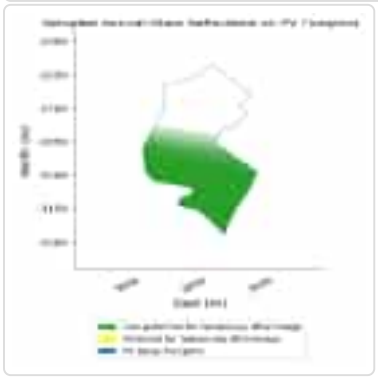
PV array is expected to produce the following glare for this receptor:

- 101 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





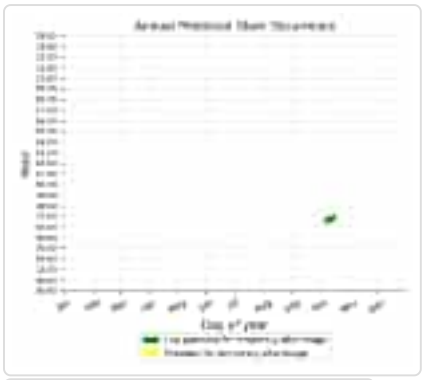


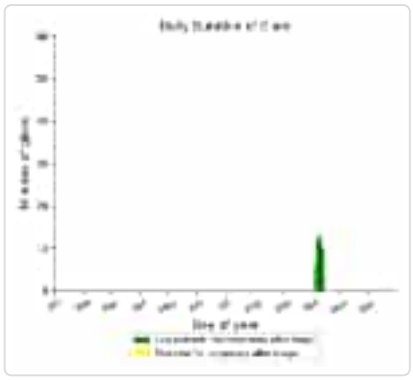


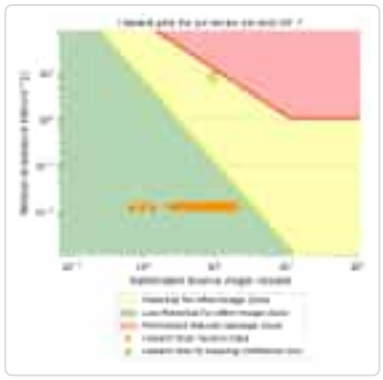
PV array 10: OP 7

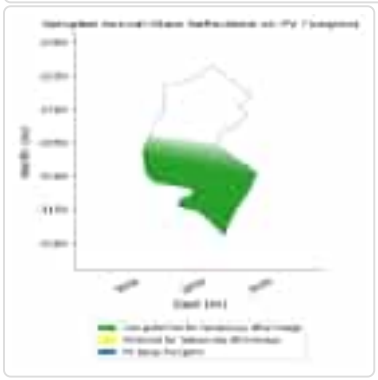
PV array is expected to produce the following glare for this receptor:

- 117 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





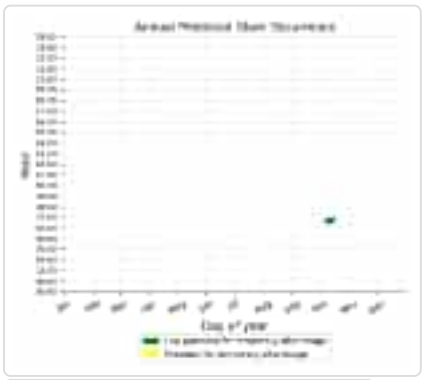


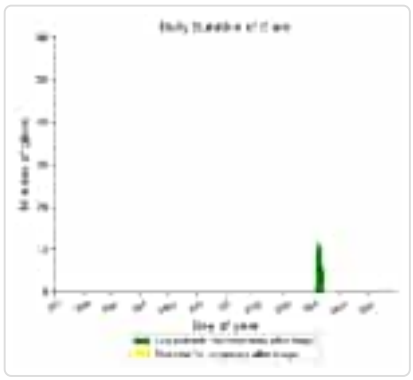


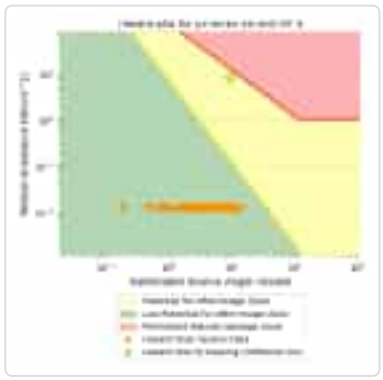
PV array 10: OP 8

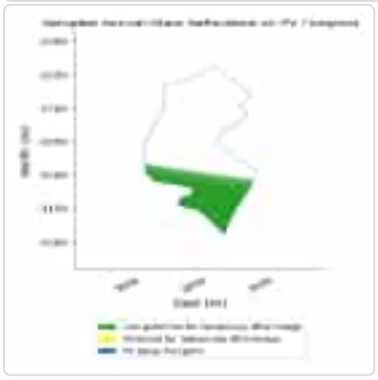
PV array is expected to produce the following glare for this receptor:

- 84 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





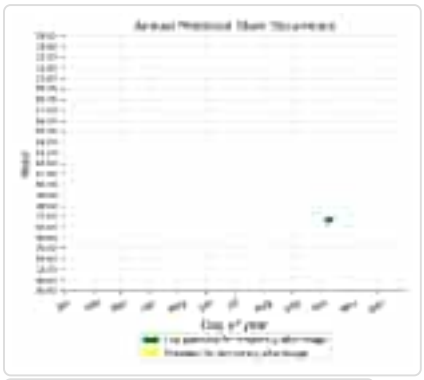


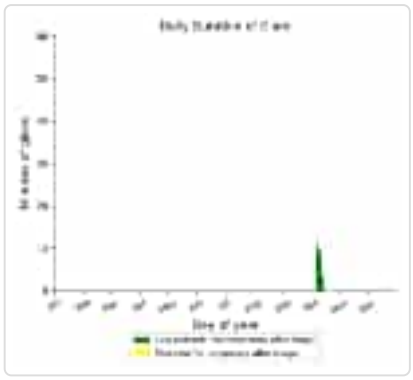


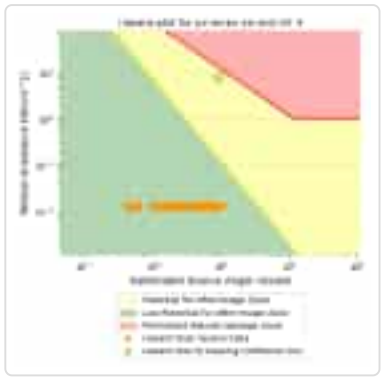
PV array 10: OP 9

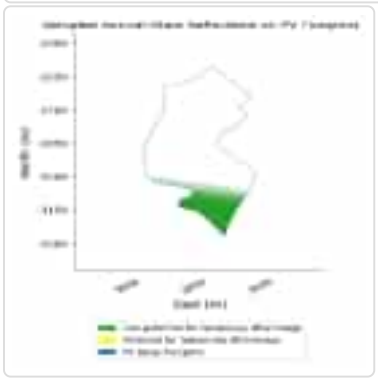
PV array is expected to produce the following glare for this receptor:

- 63 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





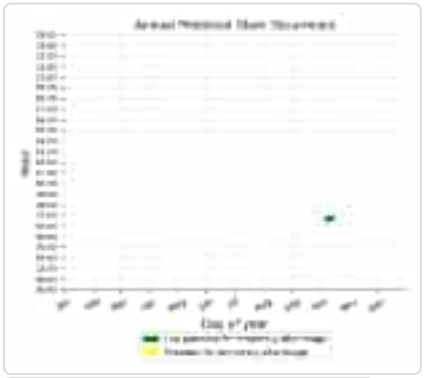


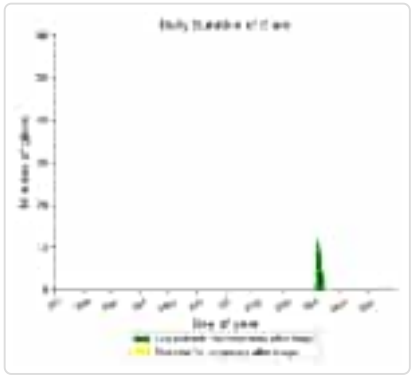


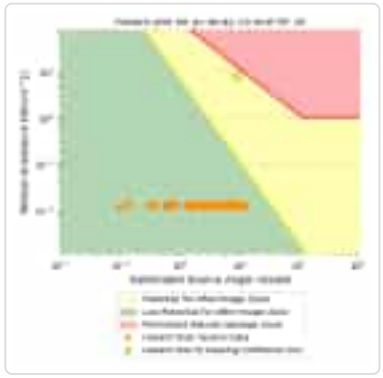
PV array 10: OP 10

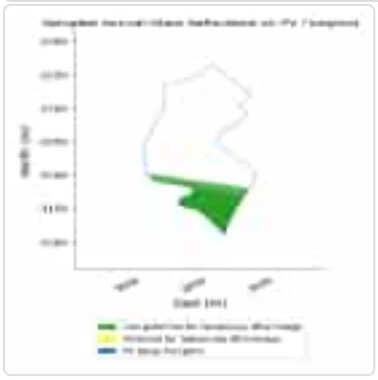
PV array is expected to produce the following glare for this receptor:

- 78 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





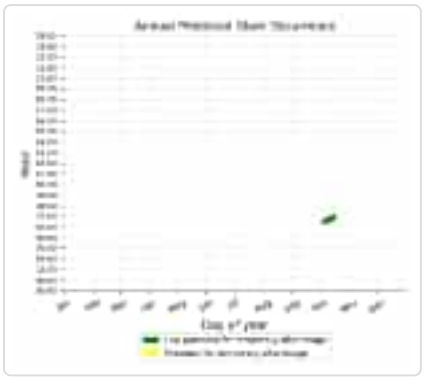


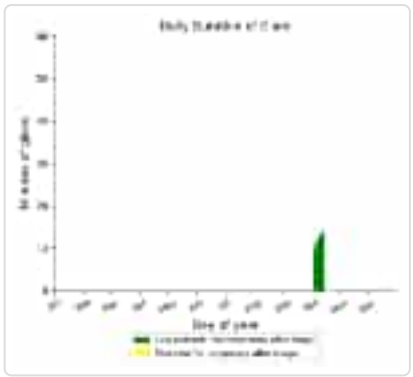


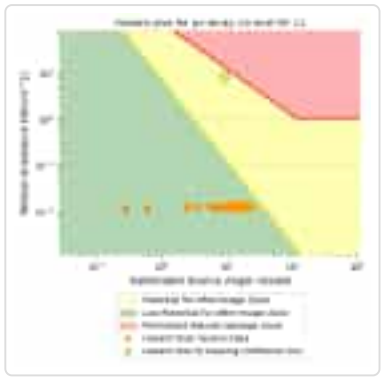
PV array 10: OP 11

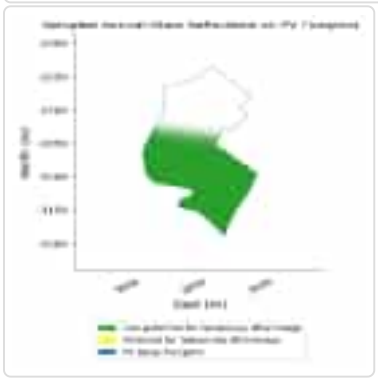
PV array is expected to produce the following glare for this receptor:

- 145 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





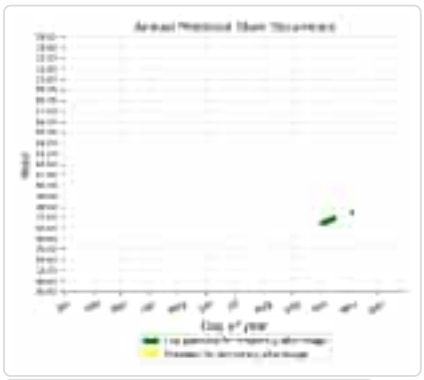


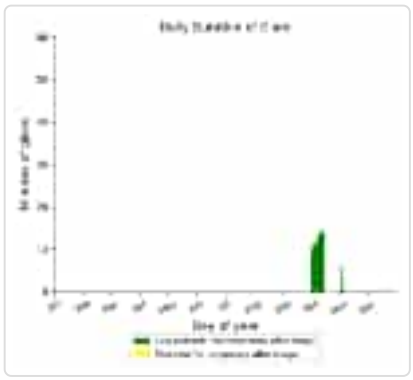


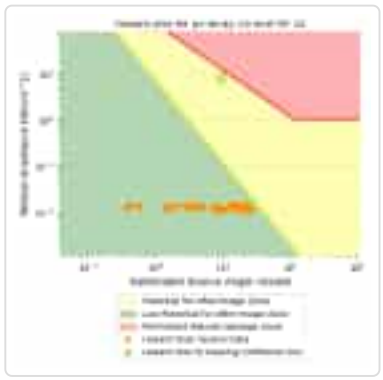
PV array 10: OP 12

PV array is expected to produce the following glare for this receptor:

- 194 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



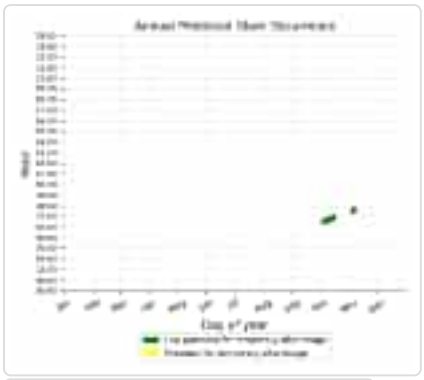


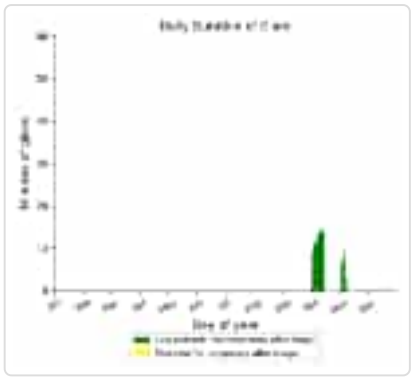


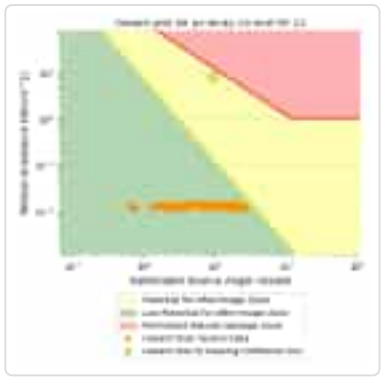
PV array 10: OP 13

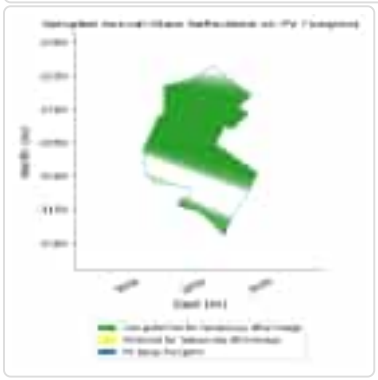
PV array is expected to produce the following glare for this receptor:

- 207 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





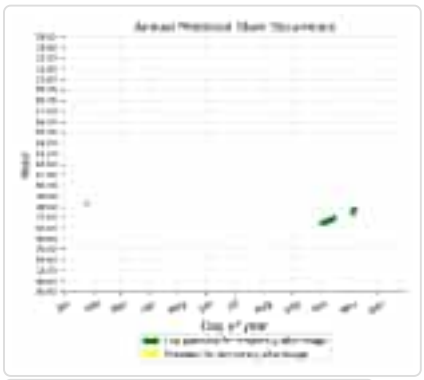


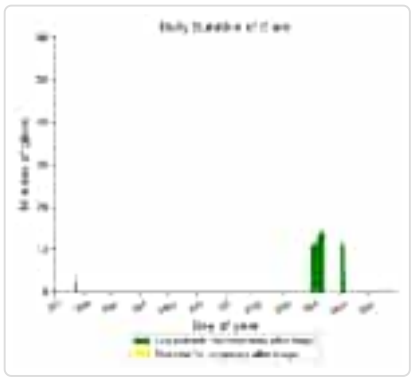


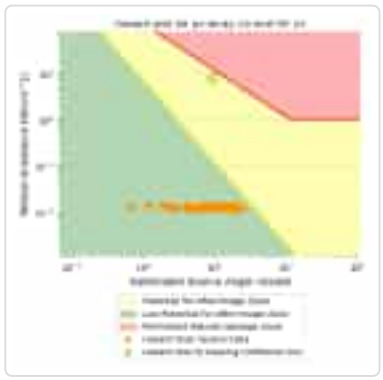
PV array 10: OP 14

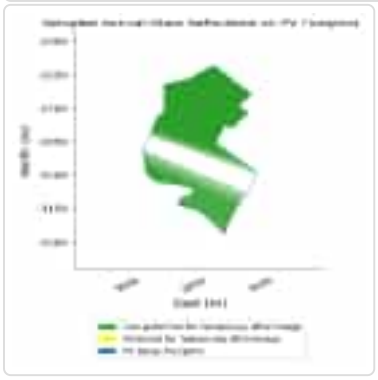
PV array is expected to produce the following glare for this receptor:

- 236 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





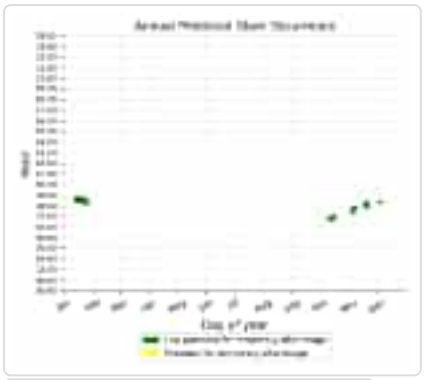


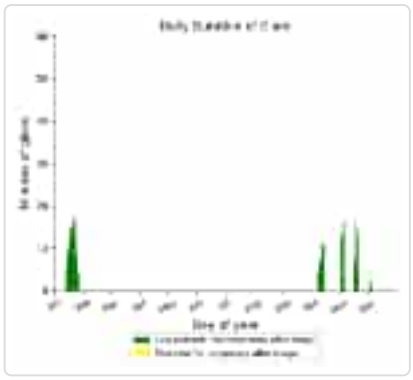


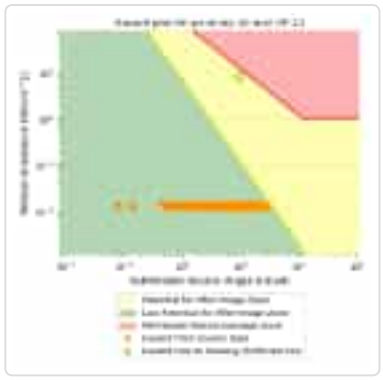
PV array 10: OP 15

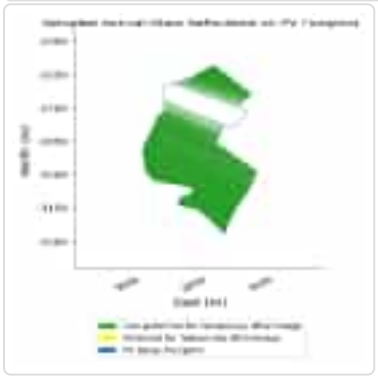
PV array is expected to produce the following glare for this receptor:

- 342 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





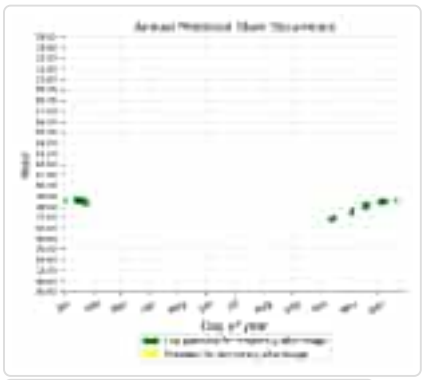


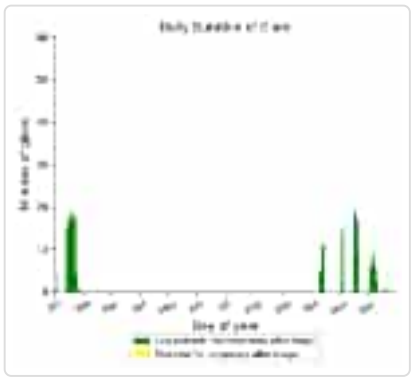


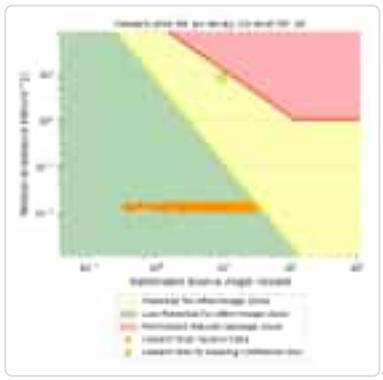
PV array 10: OP 16

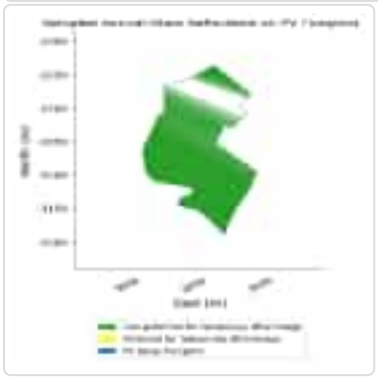
PV array is expected to produce the following glare for this receptor:

- 467 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





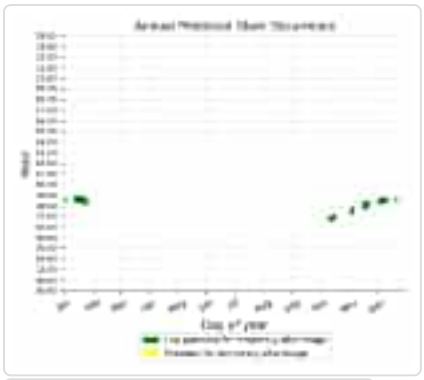


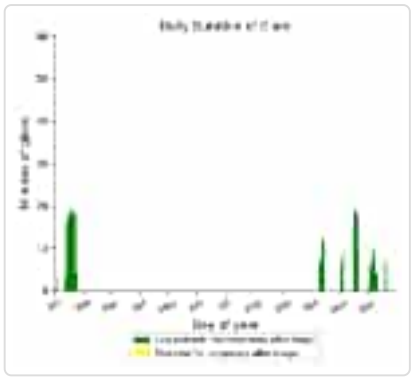


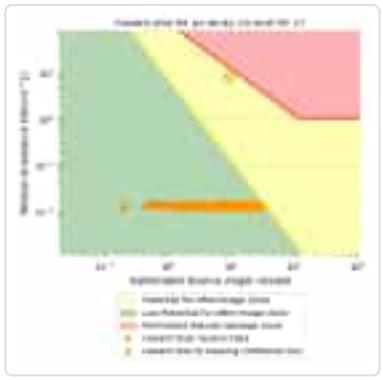
PV array 10: OP 17

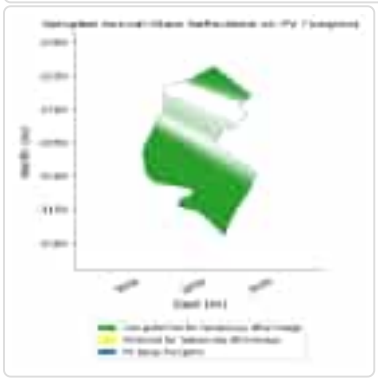
PV array is expected to produce the following glare for this receptor:

- 503 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





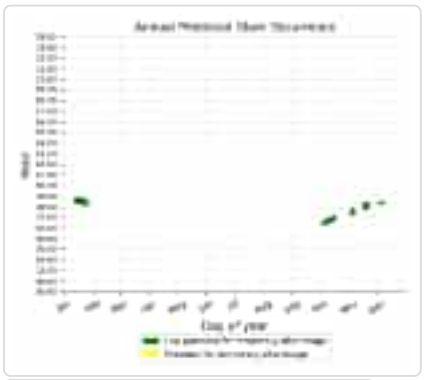


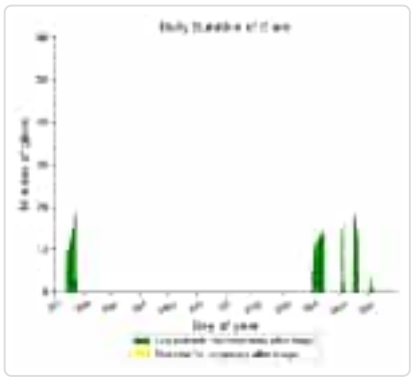


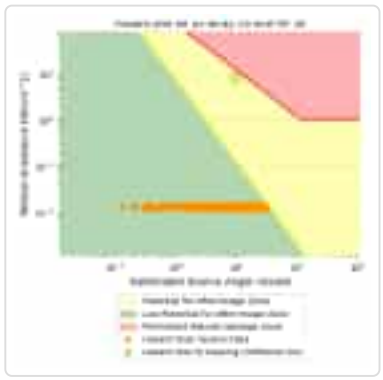
PV array 10: OP 18

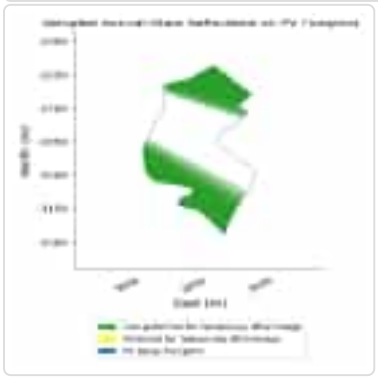
PV array is expected to produce the following glare for this receptor:

- 440 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





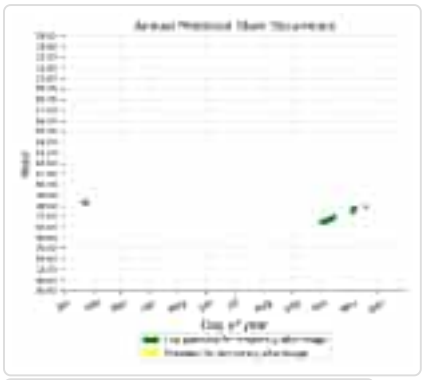


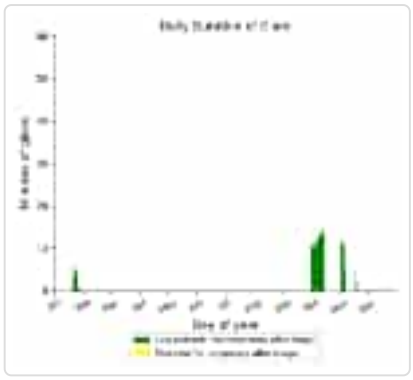


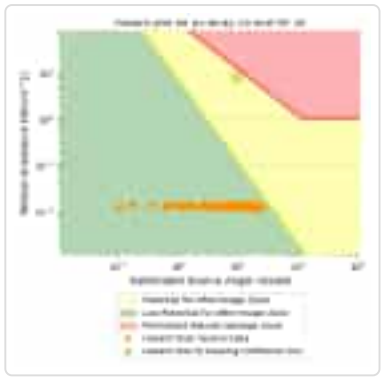
PV array 10: OP 19

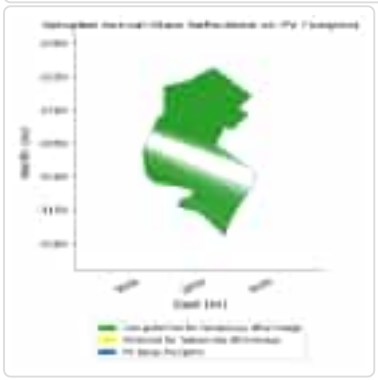
PV array is expected to produce the following glare for this receptor:

- 256 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





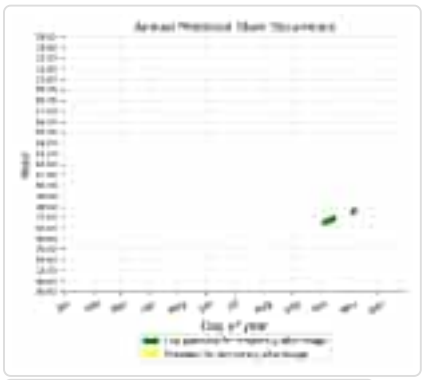


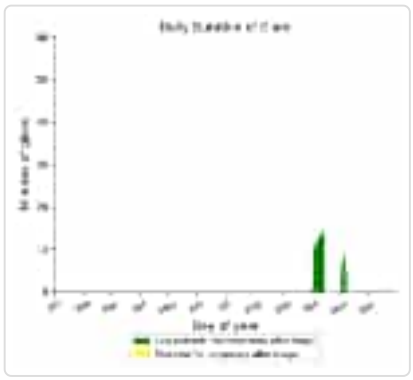


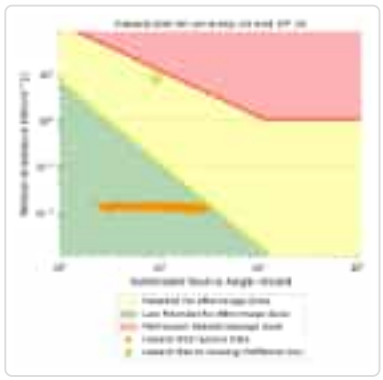
PV array 10: OP 20

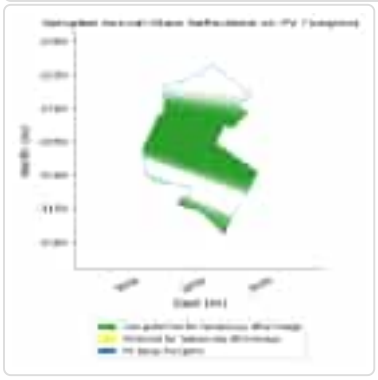
PV array is expected to produce the following glare for this receptor:

- 191 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





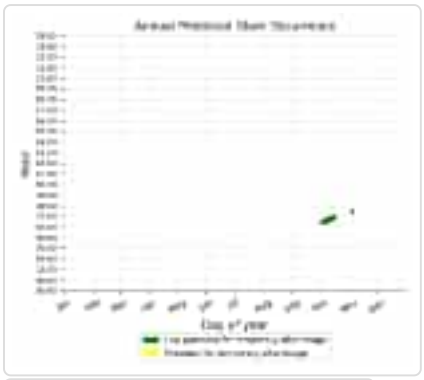


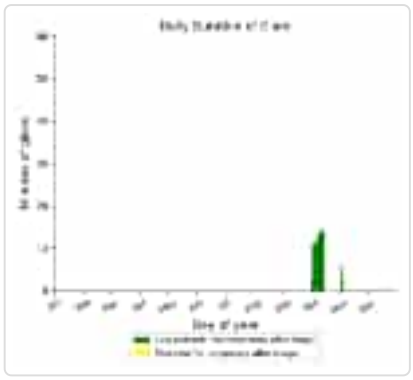


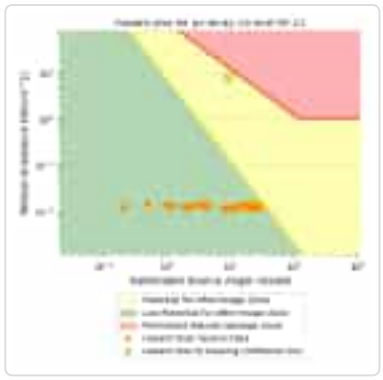
PV array 10: OP 21

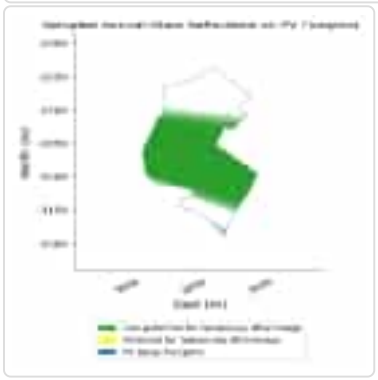
PV array is expected to produce the following glare for this receptor:

- 188 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





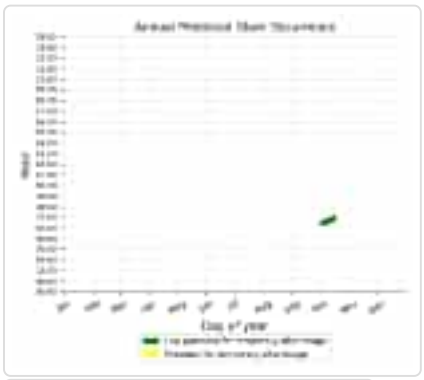


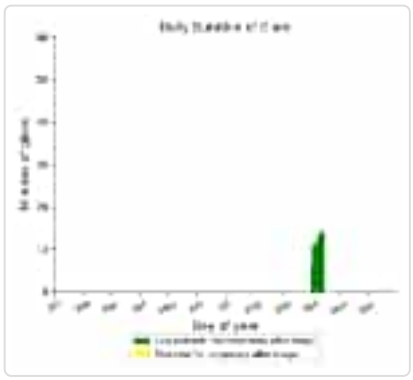


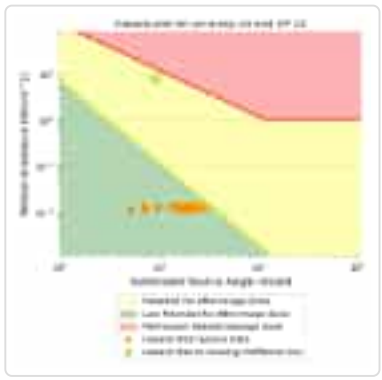
PV array 10: OP 22

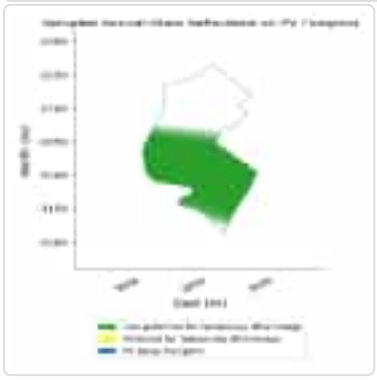
PV array is expected to produce the following glare for this receptor:

- 180 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





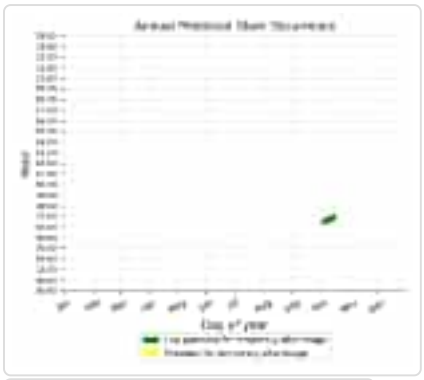


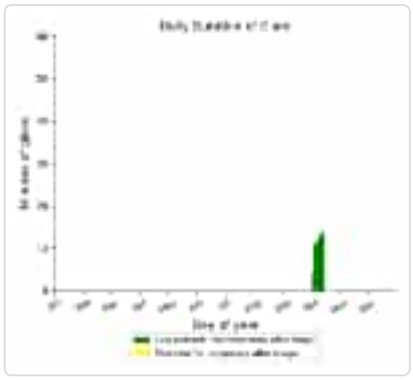


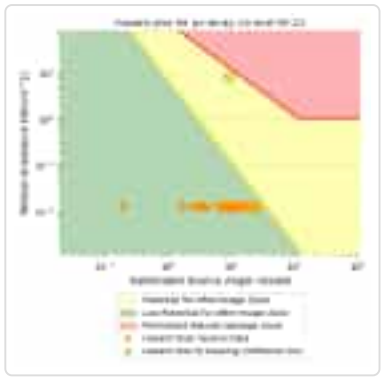
PV array 10: OP 23

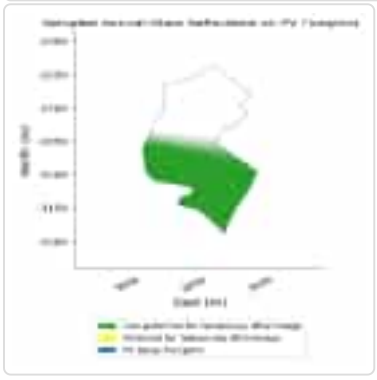
PV array is expected to produce the following glare for this receptor:

- 157 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





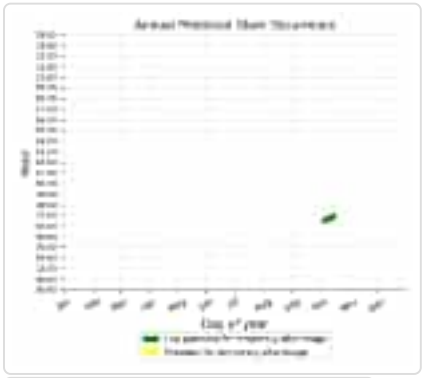


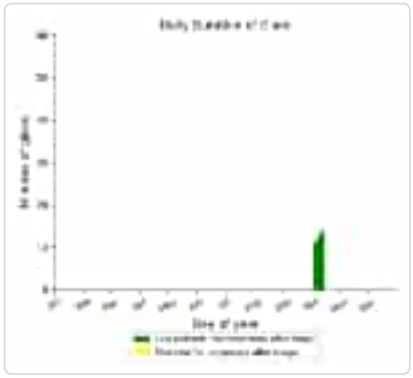


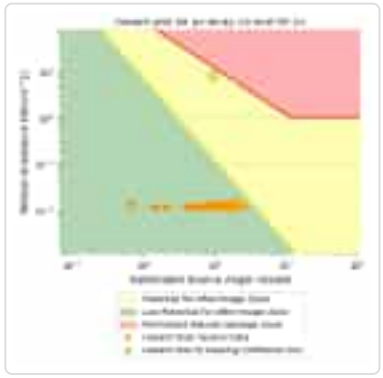
PV array 10: OP 24

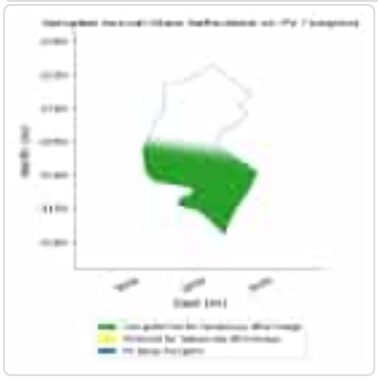
PV array is expected to produce the following glare for this receptor:

- 149 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





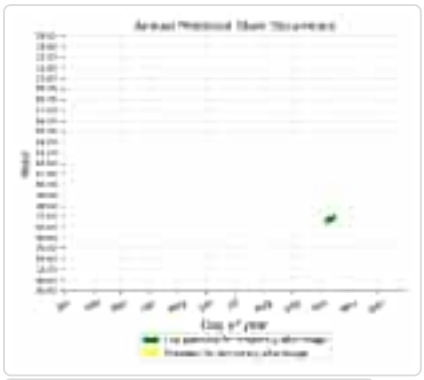


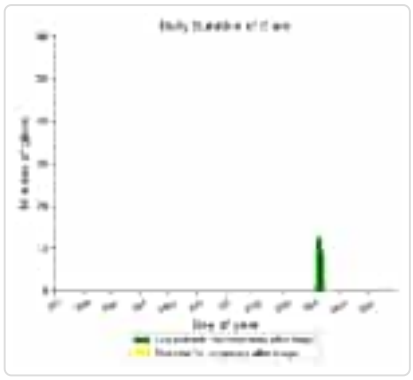


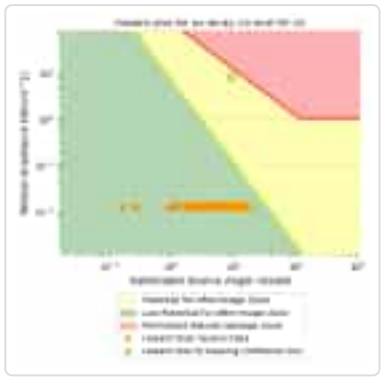
PV array 10: OP 25

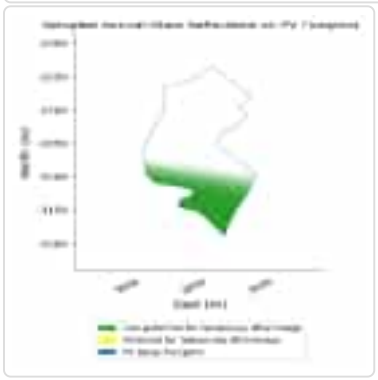
PV array is expected to produce the following glare for this receptor:

- 106 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





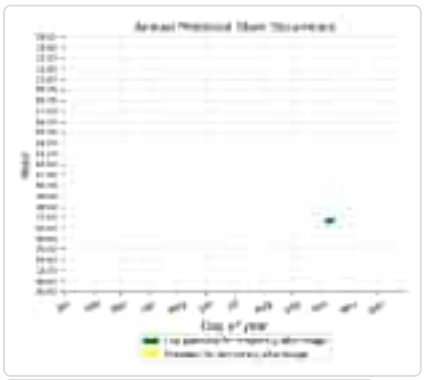


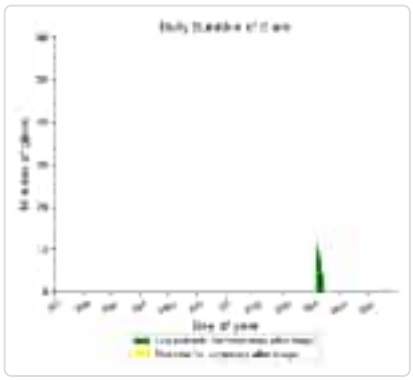


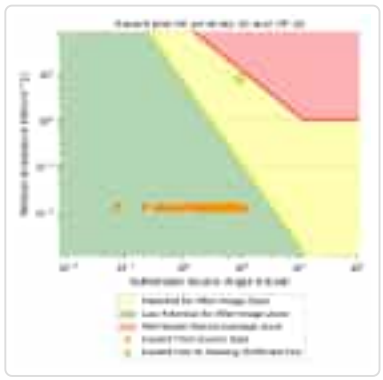
PV array 10: OP 26

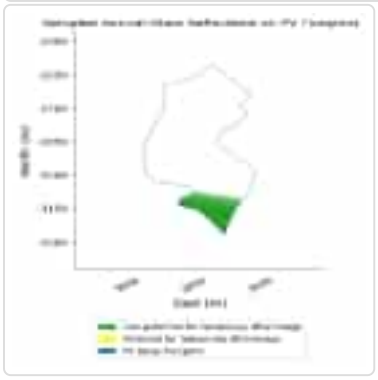
PV array is expected to produce the following glare for this receptor:

- 63 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 27

No glare found

PV array 10: OP 28

No glare found

PV array 10: OP 29

No glare found

PV array 10: OP 30

No glare found

PV array 10: OP 31

No glare found

PV array 10: OP 32

No glare found

PV array 10: OP 33

No glare found

PV array 10: OP 34

No glare found

PV array 10: OP 35

No glare found

PV array 10: OP 36

No glare found

PV array 10: OP 37

No glare found

PV array 10: OP 38

No glare found

PV array 10: OP 39

No glare found

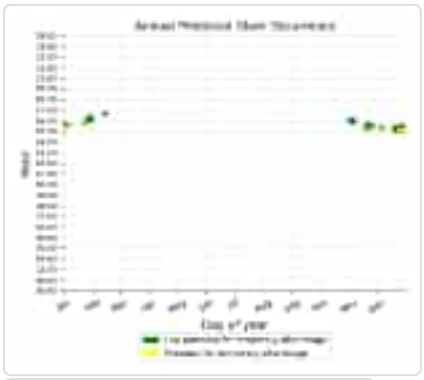
PV array 10: OP 40

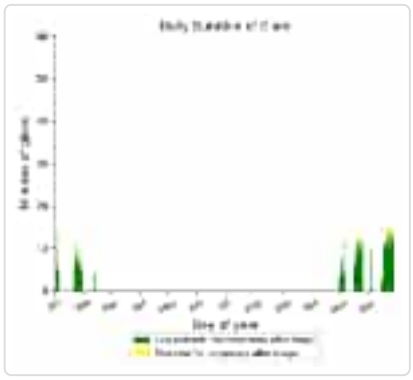
No glare found

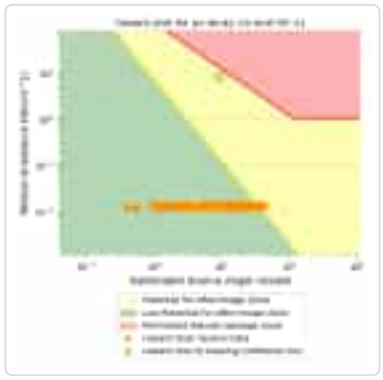
PV array 10: OP 41

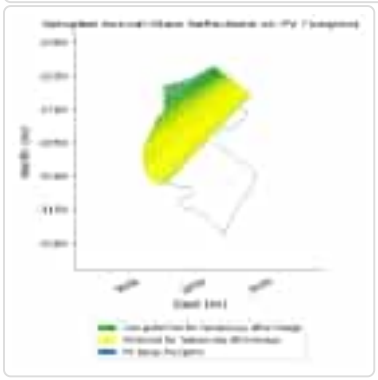
PV array is expected to produce the following glare for this receptor:

- 393 minutes of "green" glare with low potential to cause temporary after-image.
- 24 minutes of "yellow" glare with potential to cause temporary after-image.





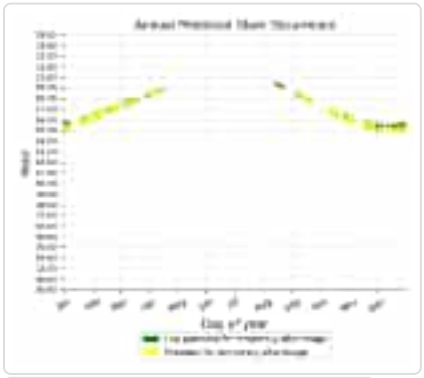


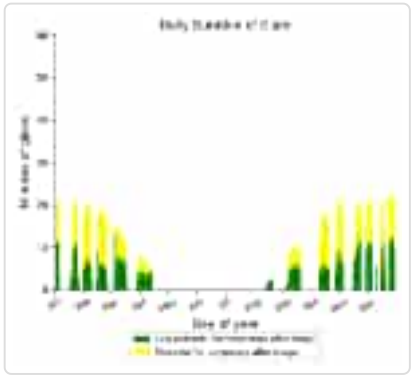


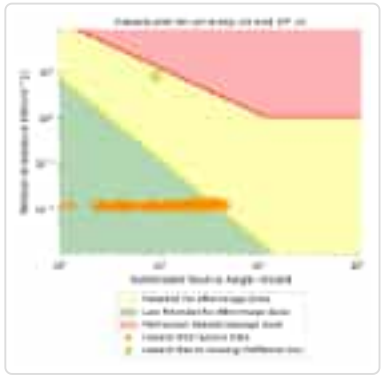
PV array 10: OP 42

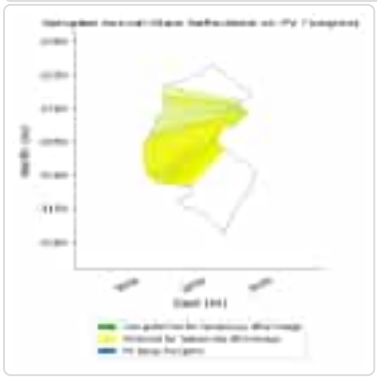
PV array is expected to produce the following glare for this receptor:

- 872 minutes of "green" glare with low potential to cause temporary after-image.
- 1,030 minutes of "yellow" glare with potential to cause temporary after-image.





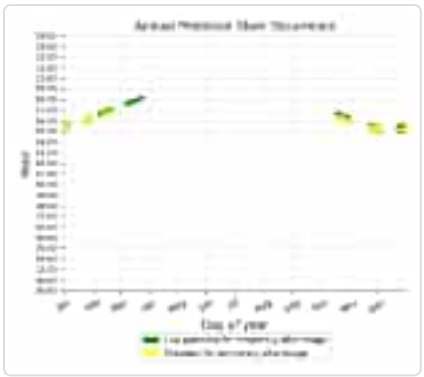


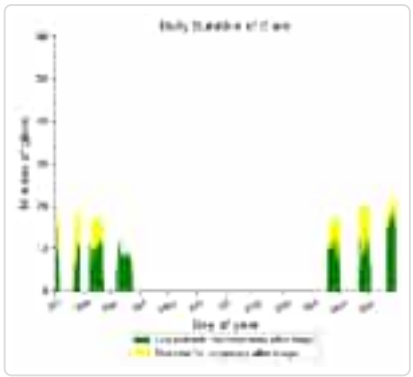


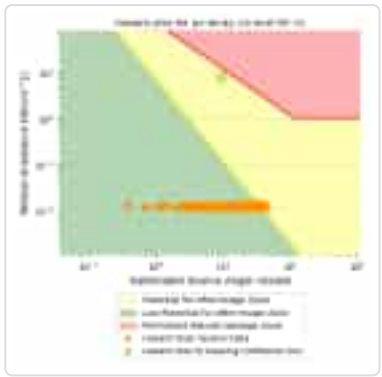
PV array 10: OP 43

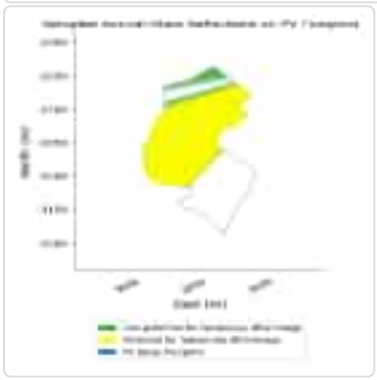
PV array is expected to produce the following glare for this receptor:

- 862 minutes of "green" glare with low potential to cause temporary after-image.
- 390 minutes of "yellow" glare with potential to cause temporary after-image.





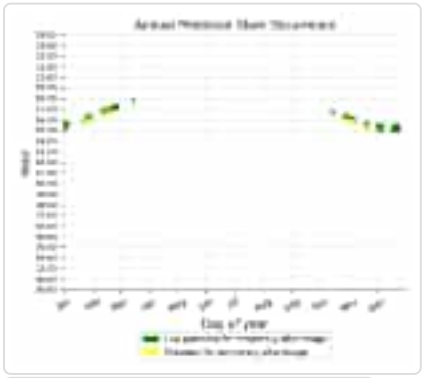


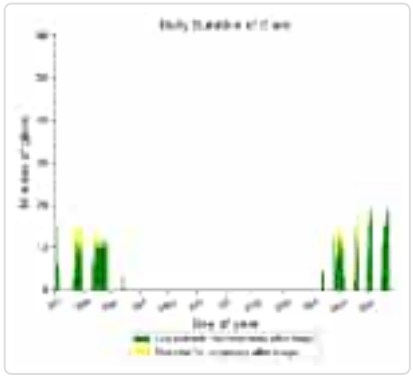


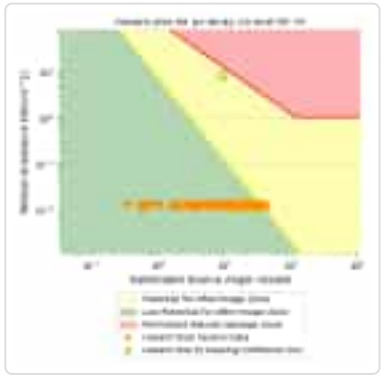
PV array 10: OP 44

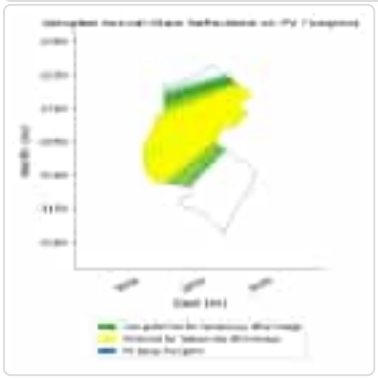
PV array is expected to produce the following glare for this receptor:

- 674 minutes of "green" glare with low potential to cause temporary after-image.
- 108 minutes of "yellow" glare with potential to cause temporary after-image.





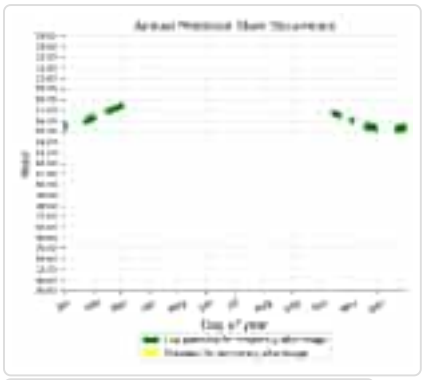


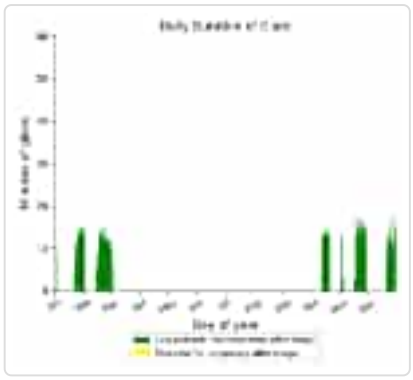


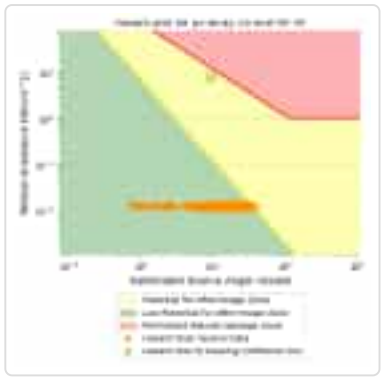
PV array 10: OP 45

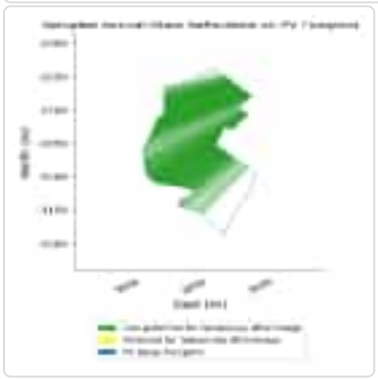
PV array is expected to produce the following glare for this receptor:

- 864 minutes of "green" glare with low potential to cause temporary after-image.
- 1 minutes of "yellow" glare with potential to cause temporary after-image.









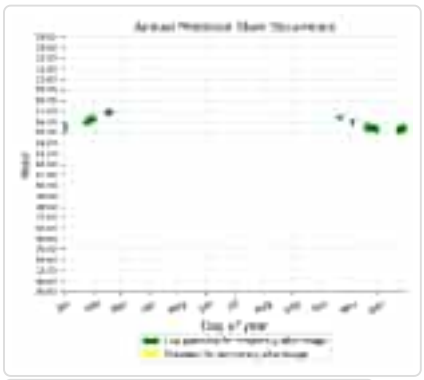
PV array 10: OP 46

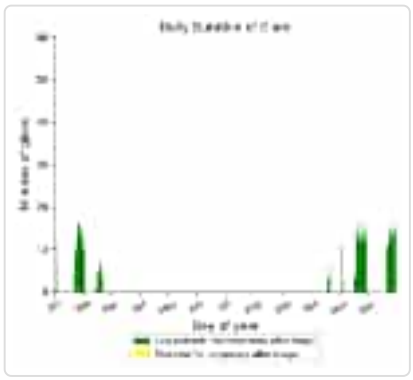
No glare found

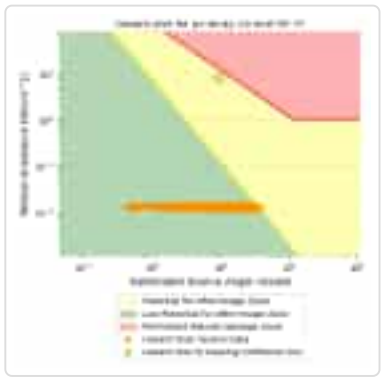
PV array 10: OP 47

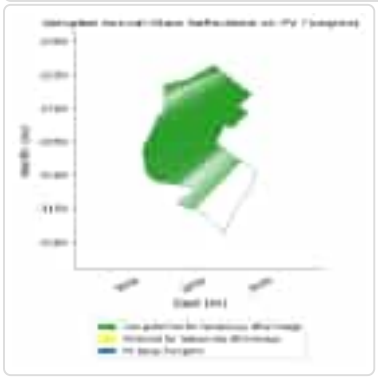
PV array is expected to produce the following glare for this receptor:

- 544 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





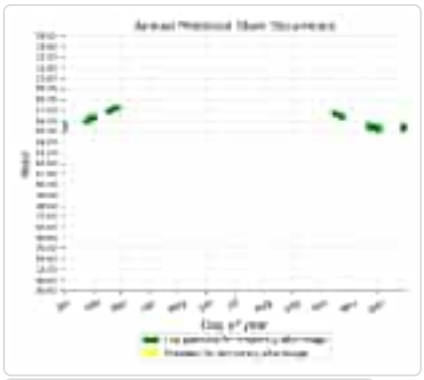


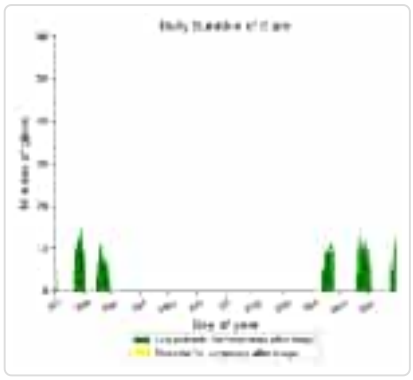


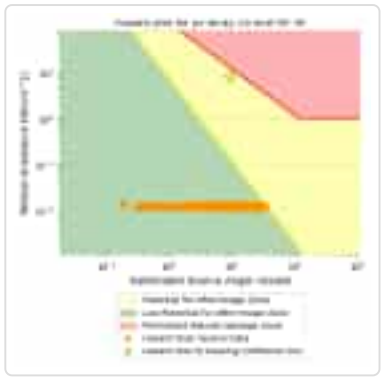
PV array 10: OP 48

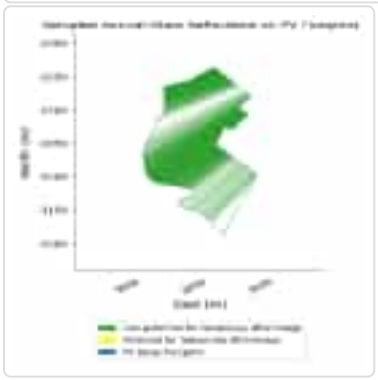
PV array is expected to produce the following glare for this receptor:

- 558 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 49

No glare found

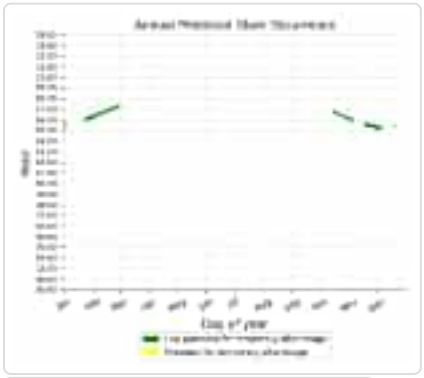
PV array 10: OP 50

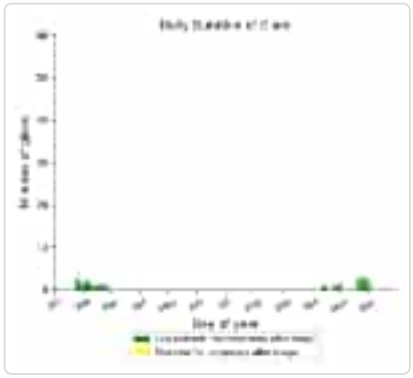
No glare found

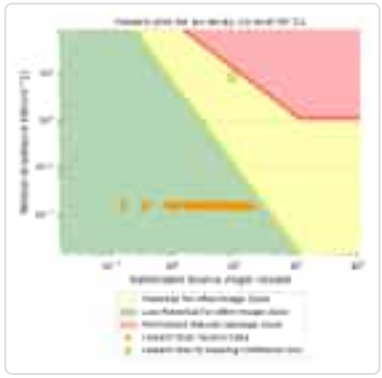
PV array 10: OP 51

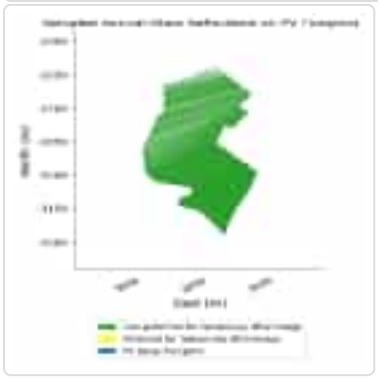
PV array is expected to produce the following glare for this receptor:

- 98 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





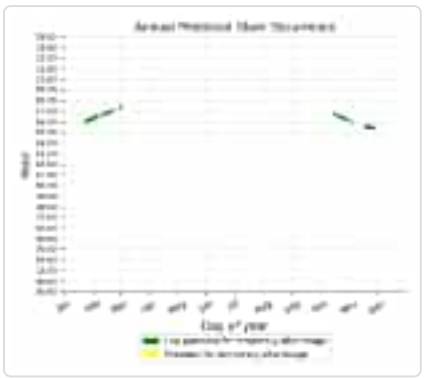


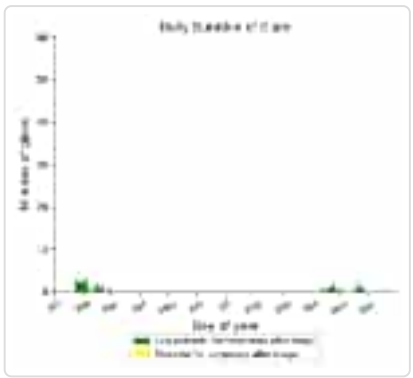


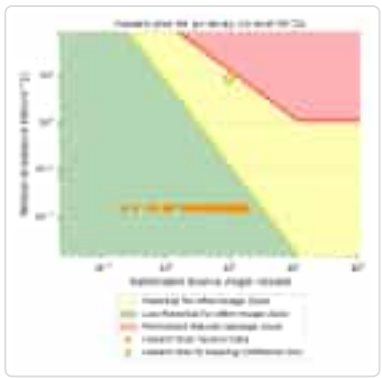
PV array 10: OP 52

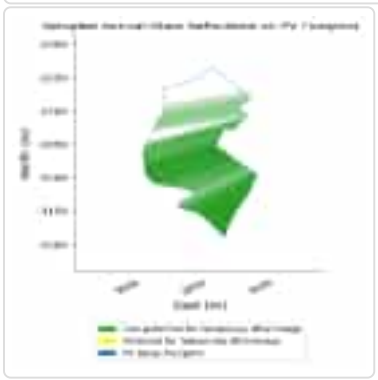
PV array is expected to produce the following glare for this receptor:

- 75 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





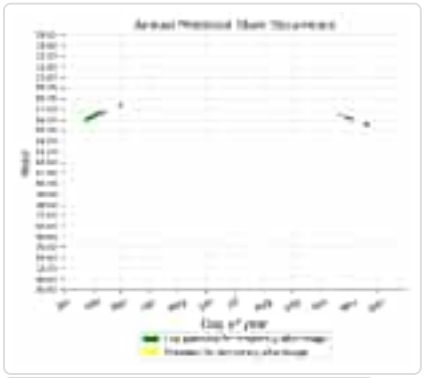


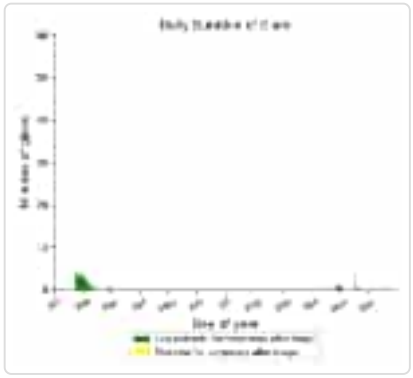


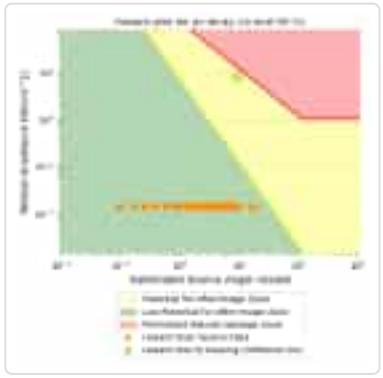
PV array 10: OP 53

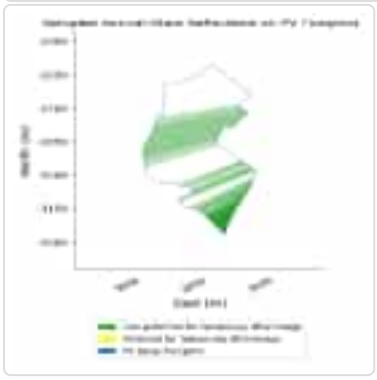
PV array is expected to produce the following glare for this receptor:

- 62 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 54

No glare found

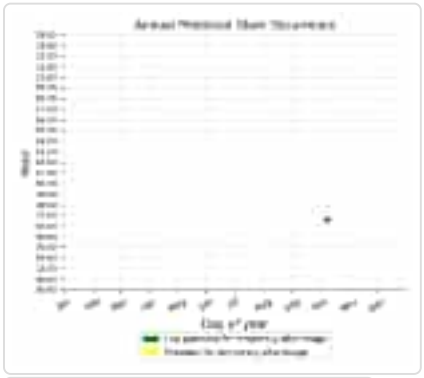
PV array 10: OP 55

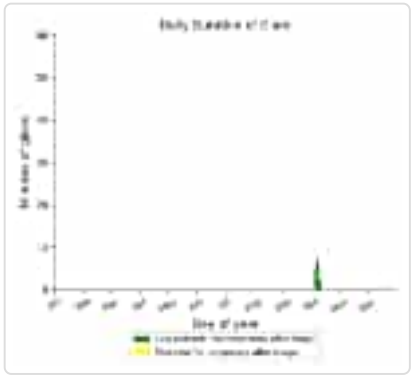
No glare found

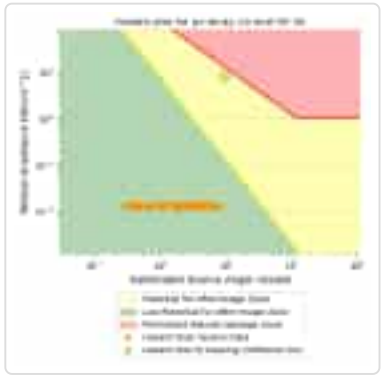
PV array 10: OP 56

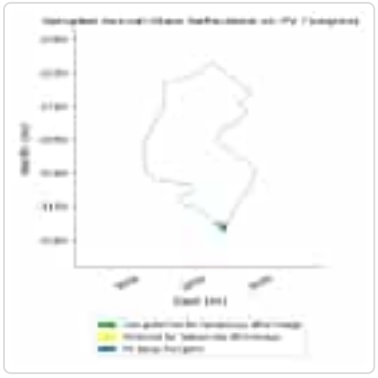
PV array is expected to produce the following glare for this receptor:

- 36 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





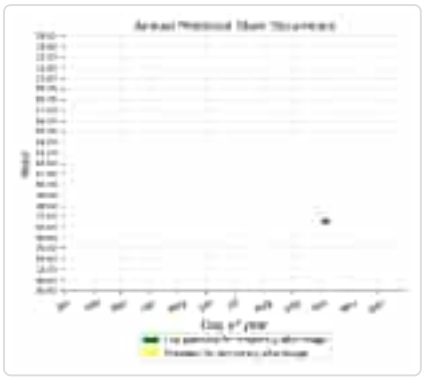


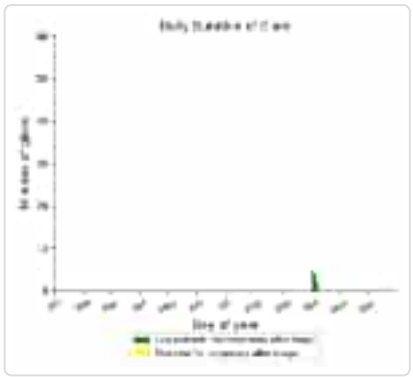


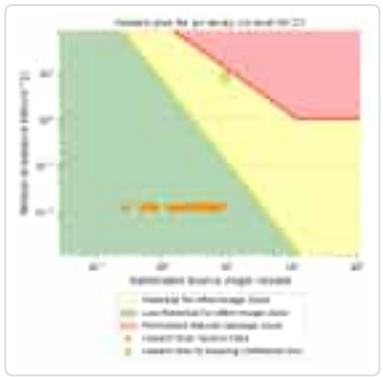
PV array 10: OP 57

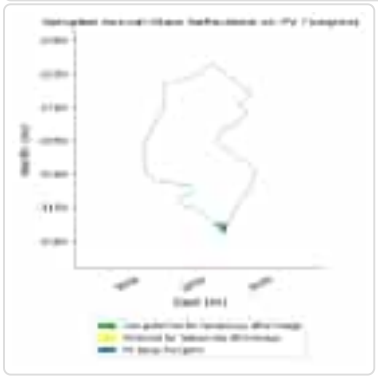
PV array is expected to produce the following glare for this receptor:

- 27 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 58

No glare found

PV array 10: OP 59

No glare found

PV array 10: OP 60

No glare found

PV array 10: OP 61

No glare found

PV array 10: OP 62

No glare found

PV array 10: OP 63

No glare found

PV array 10: OP 64

No glare found

PV array 10: OP 65

No glare found

PV array 10: OP 66

No glare found

PV array 10: OP 67

No glare found

PV array 10: OP 68

No glare found

PV array 10: OP 69

No glare found

PV array 10: OP 70

No glare found

PV array 10: OP 71

No glare found

PV array 10: OP 72

No glare found

PV array 10: OP 73

No glare found

PV array 10: OP 74

No glare found

PV array 10: OP 75

No glare found

PV array 10: OP 76

No glare found

PV array 10: OP 77

No glare found

PV array 10: OP 78

No glare found

PV array 10: OP 79

No glare found

PV array 10: OP 80

No glare found

PV array 11 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	80	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0

OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	228	0
OP: OP 46	172	0
OP: OP 47	0	0
OP: OP 48	223	0
OP: OP 49	262	0
OP: OP 50	268	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	246	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	262	0
OP: OP 67	1448	13
OP: OP 68	1459	458
OP: OP 69	228	0
OP: OP 70	244	0
OP: OP 71	373	0
OP: OP 72	693	15
OP: OP 73	393	1
OP: OP 74	382	3
OP: OP 75	833	3
OP: OP 76	914	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

PV array 11: OP 1

No glare found

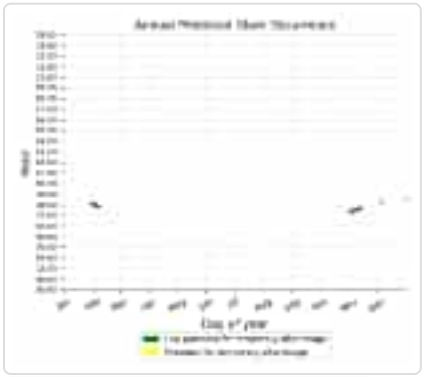
PV array 11: OP 2

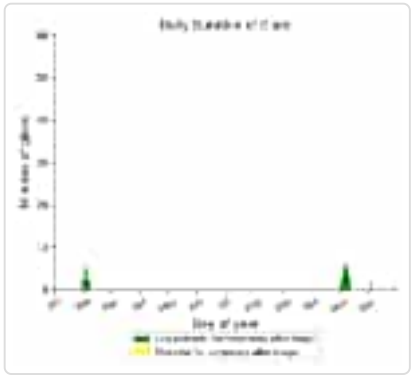
No glare found

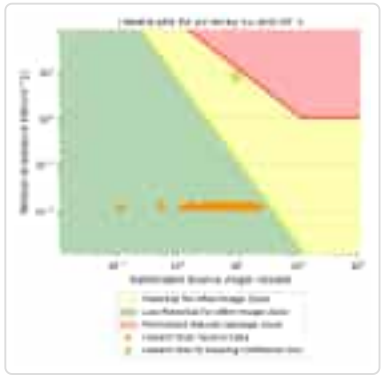
PV array 11: OP 3

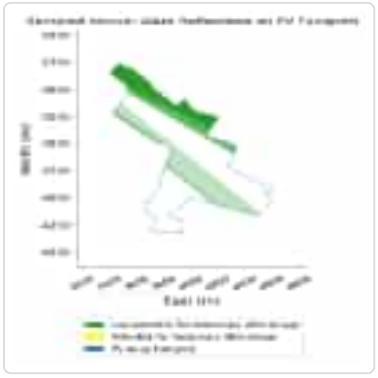
PV array is expected to produce the following glare for this receptor:

- 80 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 4

No glare found

PV array 11: OP 5

No glare found

PV array 11: OP 6

No glare found

PV array 11: OP 7

No glare found

PV array 11: OP 8

No glare found

PV array 11: OP 9

No glare found

PV array 11: OP 10

No glare found

PV array 11: OP 11

No glare found

PV array 11: OP 12

No glare found

PV array 11: OP 13

No glare found

PV array 11: OP 14

No glare found

PV array 11: OP 15

No glare found

PV array 11: OP 16

No glare found

PV array 11: OP 17

No glare found

PV array 11: OP 18

No glare found

PV array 11: OP 19

No glare found

PV array 11: OP 20

No glare found

PV array 11: OP 21

No glare found

PV array 11: OP 22

No glare found

PV array 11: OP 23

No glare found

PV array 11: OP 24

No glare found

PV array 11: OP 25

No glare found

PV array 11: OP 26

No glare found

PV array 11: OP 27

No glare found

PV array 11: OP 28

No glare found

PV array 11: OP 29

No glare found

PV array 11: OP 30

No glare found

PV array 11: OP 31

No glare found

PV array 11: OP 32

No glare found

PV array 11: OP 33

No glare found

PV array 11: OP 34

No glare found

PV array 11: OP 35

No glare found

PV array 11: OP 36

No glare found

PV array 11: OP 37

No glare found

PV array 11: OP 38

No glare found

PV array 11: OP 39

No glare found

PV array 11: OP 40

No glare found

PV array 11: OP 41

No glare found

PV array 11: OP 42

No glare found

PV array 11: OP 43

No glare found

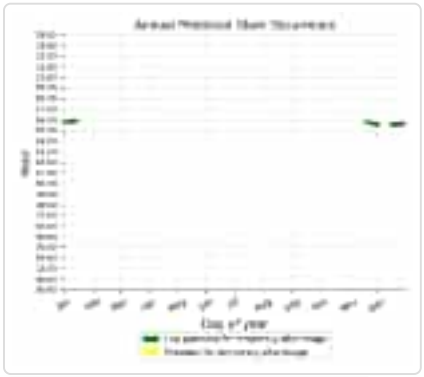
PV array 11: OP 44

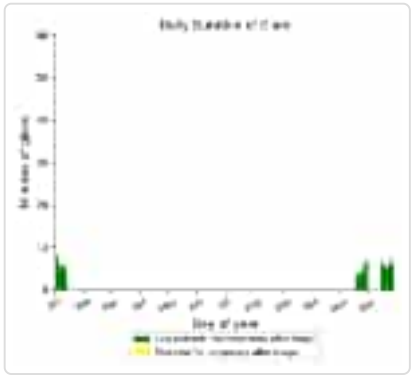
No glare found

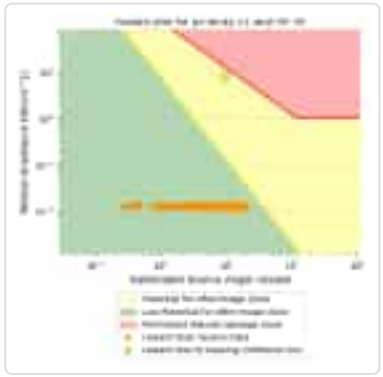
PV array 11: OP 45

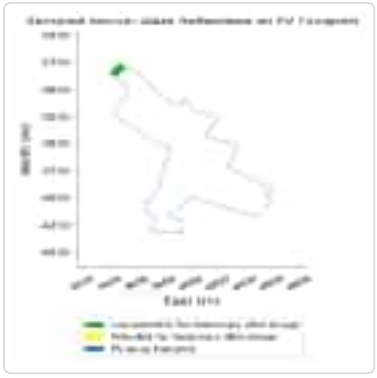
PV array is expected to produce the following glare for this receptor:

- 228 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





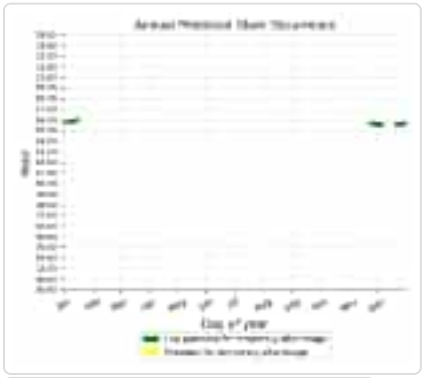


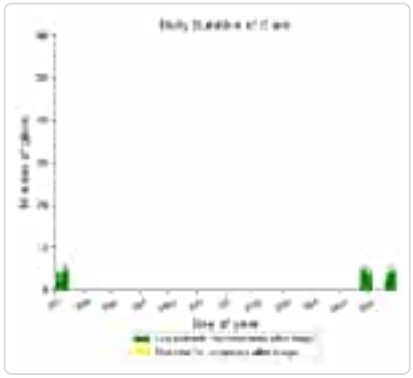


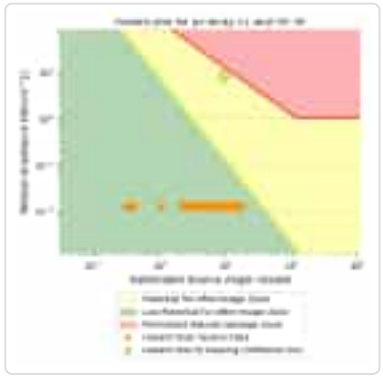
PV array 11: OP 46

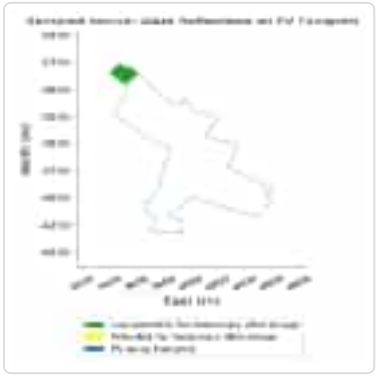
PV array is expected to produce the following glare for this receptor:

- 172 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









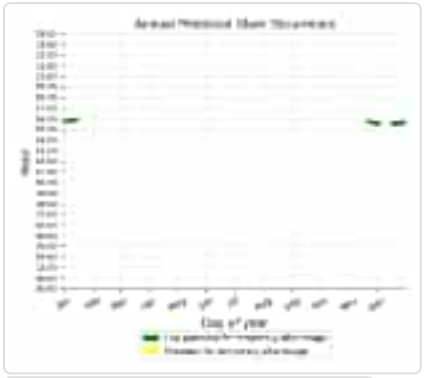
PV array 11: OP 47

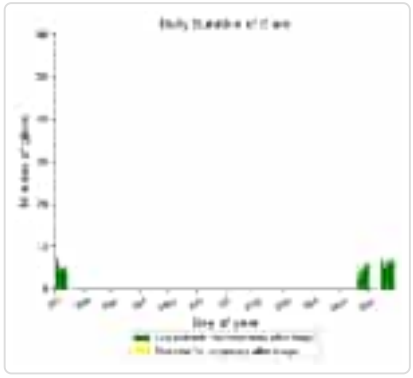
No glare found

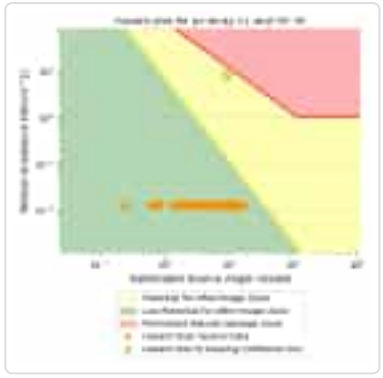
PV array 11: OP 48

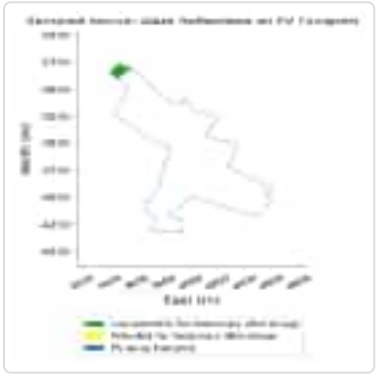
PV array is expected to produce the following glare for this receptor:

- 223 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





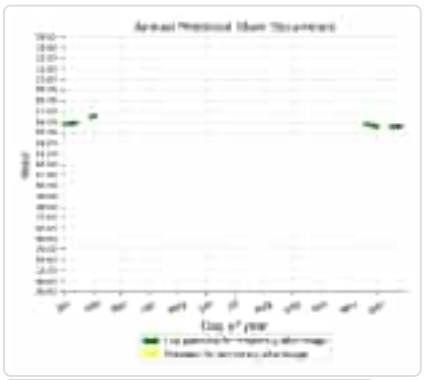


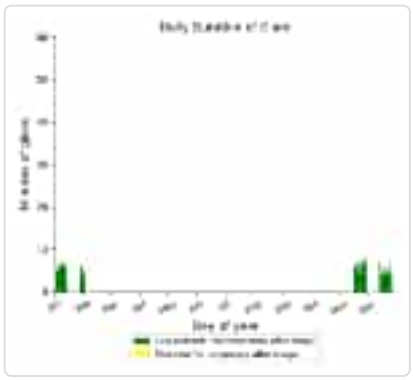


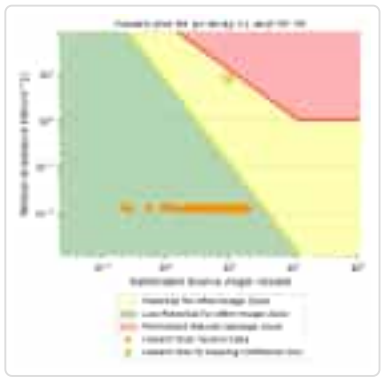
PV array 11: OP 49

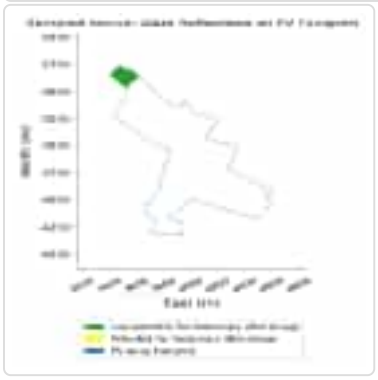
PV array is expected to produce the following glare for this receptor:

- 262 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





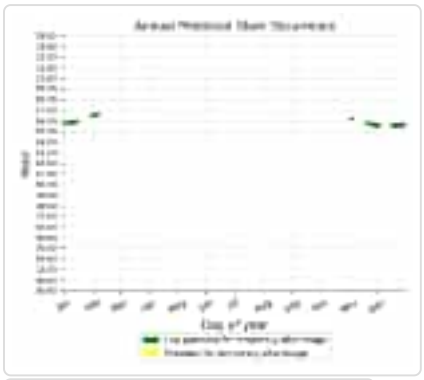


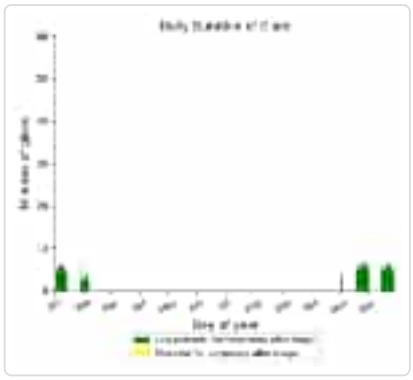


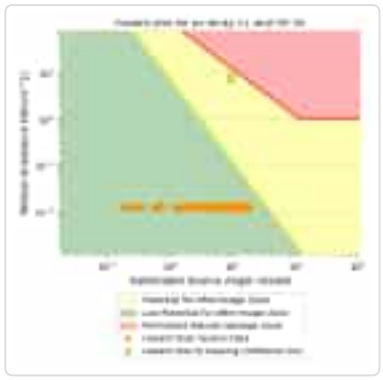
PV array 11: OP 50

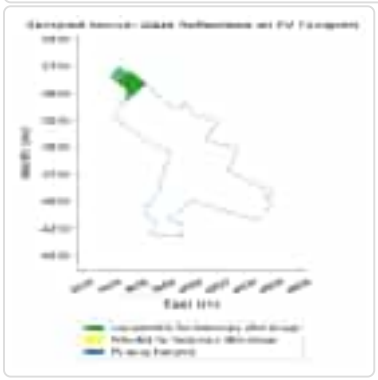
PV array is expected to produce the following glare for this receptor:

- 268 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 51

No glare found

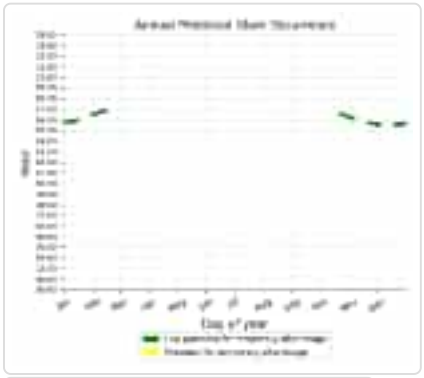
PV array 11: OP 52

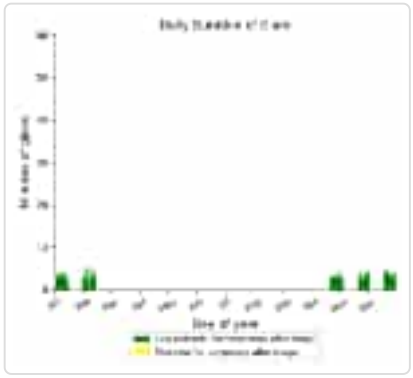
No glare found

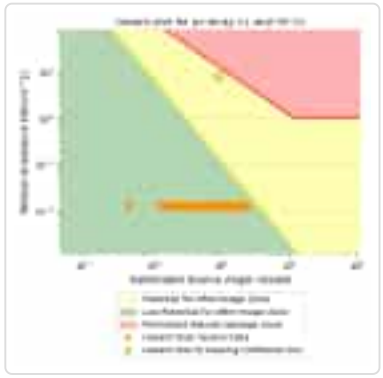
PV array 11: OP 53

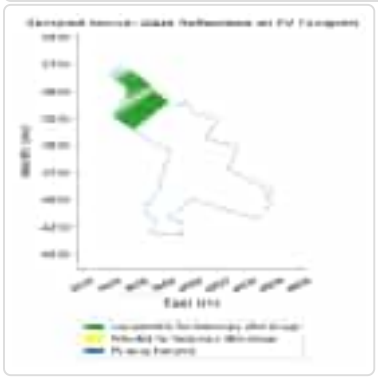
PV array is expected to produce the following glare for this receptor:

- 246 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 54

No glare found

PV array 11: OP 55

No glare found

PV array 11: OP 56

No glare found

PV array 11: OP 57

No glare found

PV array 11: OP 58

No glare found

PV array 11: OP 59

No glare found

PV array 11: OP 60

No glare found

PV array 11: OP 61

No glare found

PV array 11: OP 62

No glare found

PV array 11: OP 63

No glare found

PV array 11: OP 64

No glare found

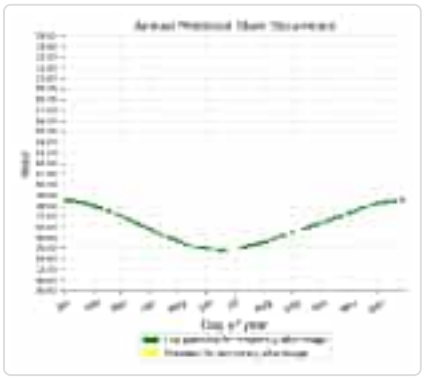
PV array 11: OP 65

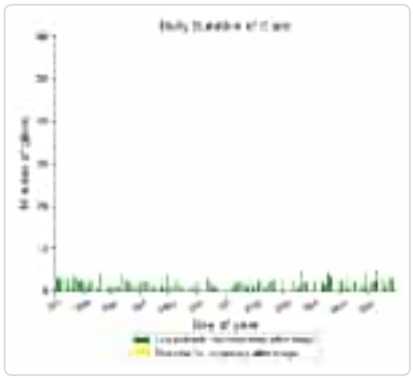
No glare found

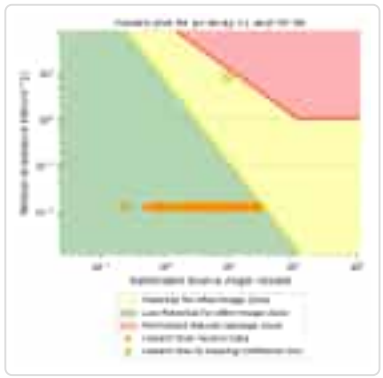
PV array 11: OP 66

PV array is expected to produce the following glare for this receptor:

- 262 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



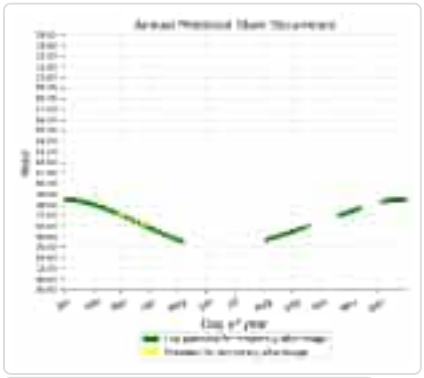


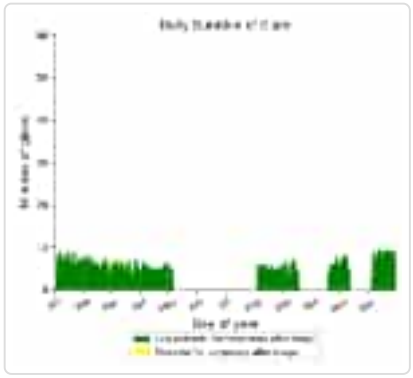


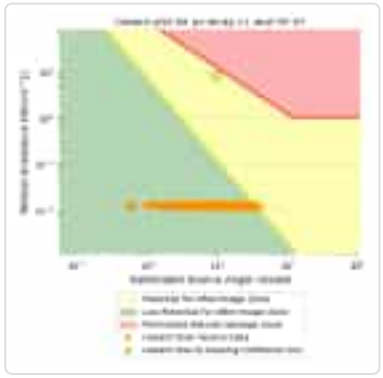
PV array 11: OP 67

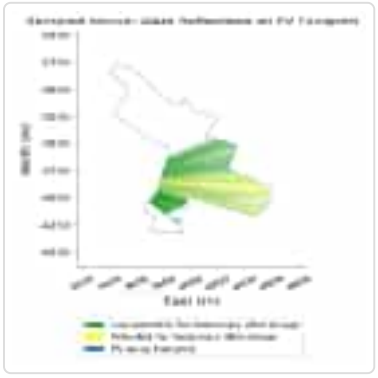
PV array is expected to produce the following glare for this receptor:

- 1,448 minutes of "green" glare with low potential to cause temporary after-image.
- 13 minutes of "yellow" glare with potential to cause temporary after-image.





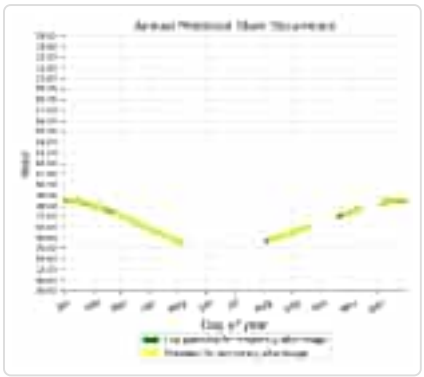


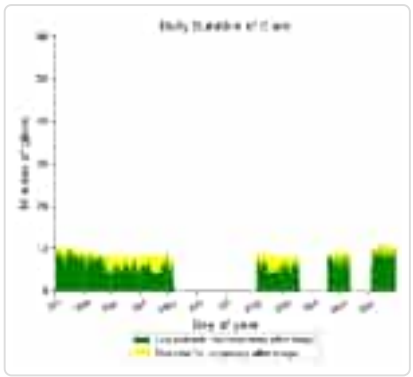


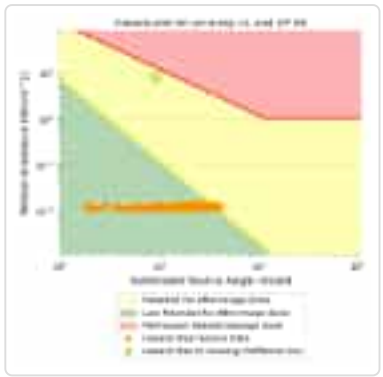
PV array 11: OP 68

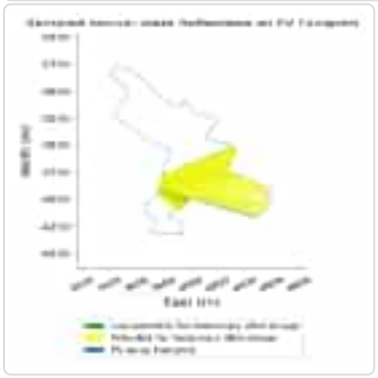
PV array is expected to produce the following glare for this receptor:

- 1,459 minutes of "green" glare with low potential to cause temporary after-image.
- 458 minutes of "yellow" glare with potential to cause temporary after-image.





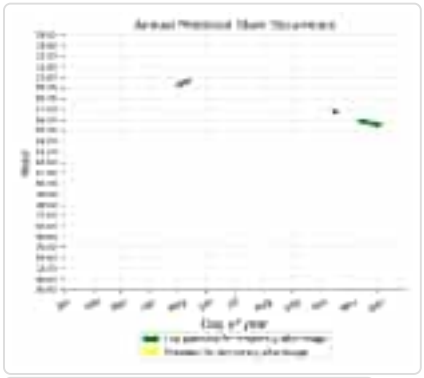


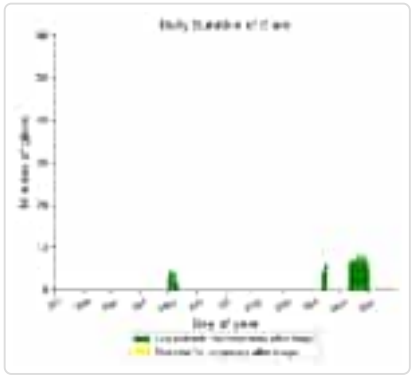


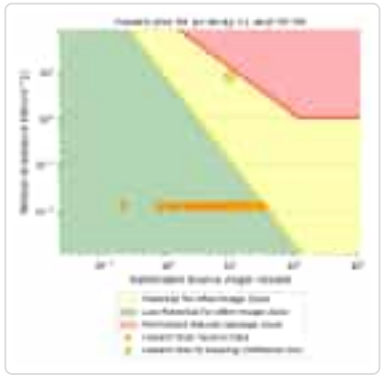
PV array 11: OP 69

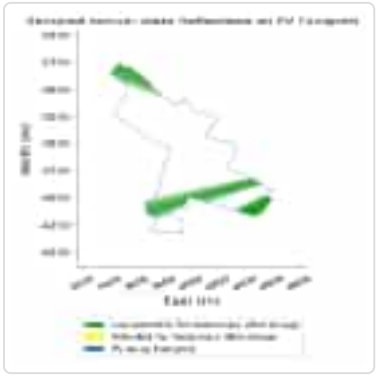
PV array is expected to produce the following glare for this receptor:

- 228 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





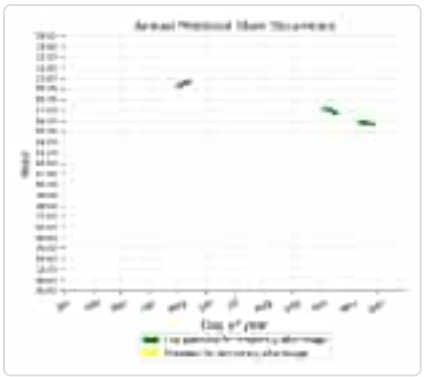


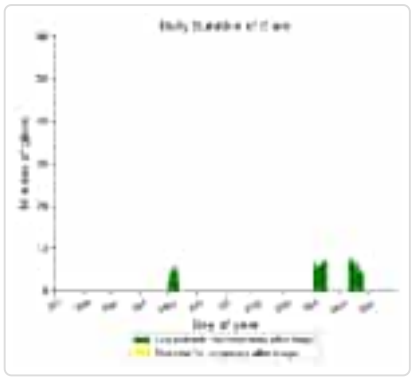


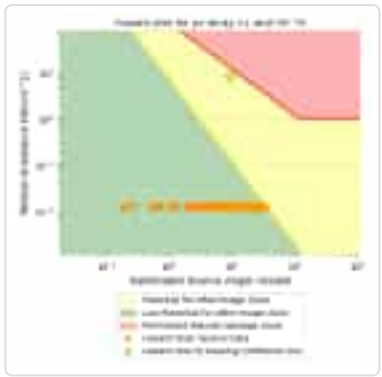
PV array 11: OP 70

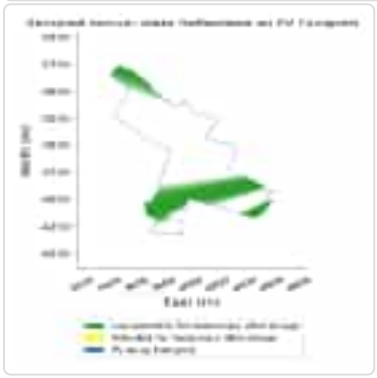
PV array is expected to produce the following glare for this receptor:

- 244 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





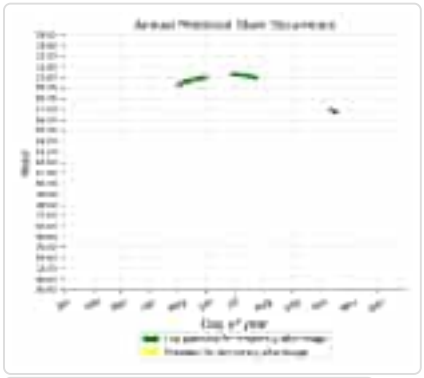


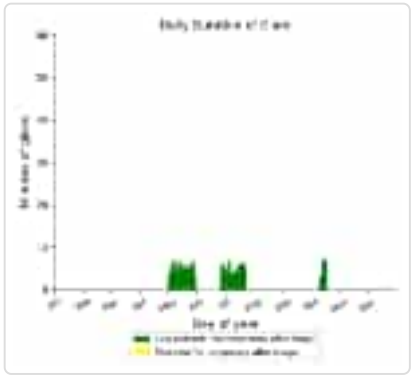


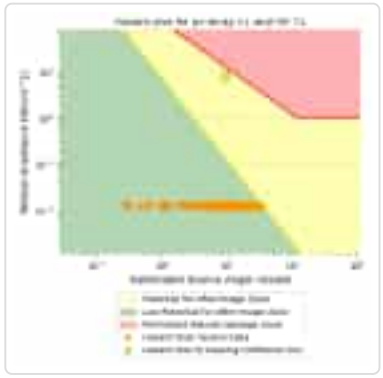
PV array 11: OP 71

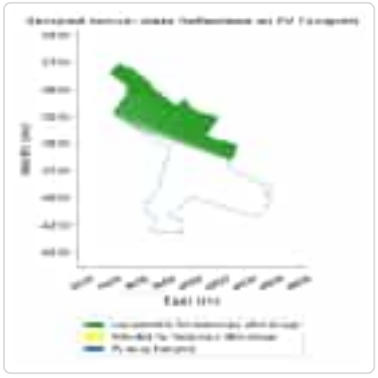
PV array is expected to produce the following glare for this receptor:

- 373 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





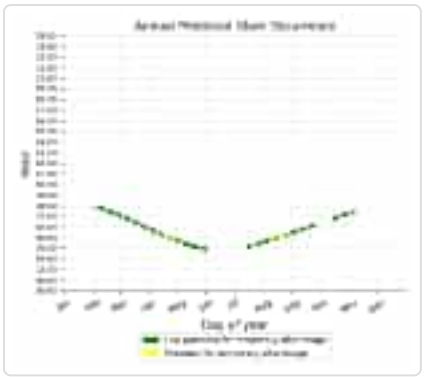


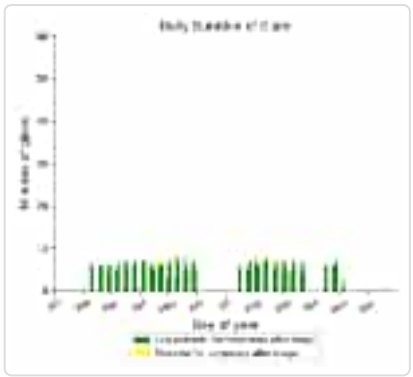


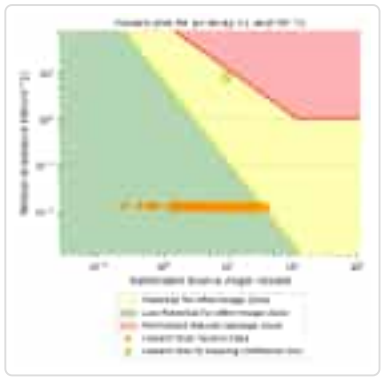
PV array 11: OP 72

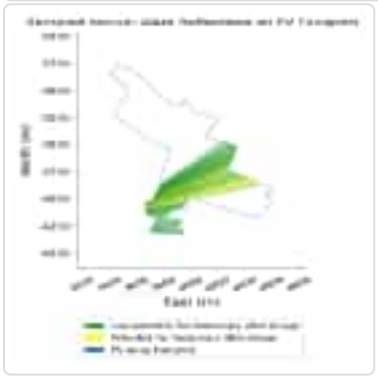
PV array is expected to produce the following glare for this receptor:

- 693 minutes of "green" glare with low potential to cause temporary after-image.
- 15 minutes of "yellow" glare with potential to cause temporary after-image.





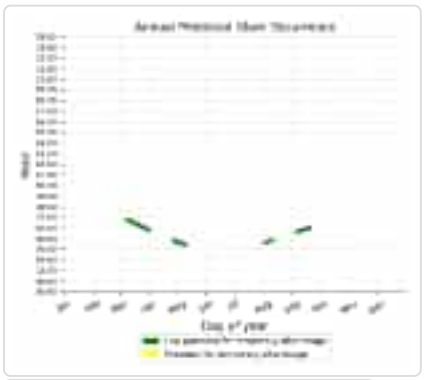


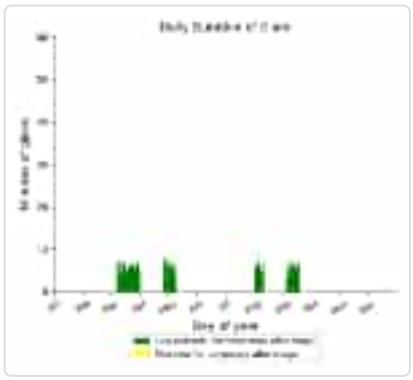


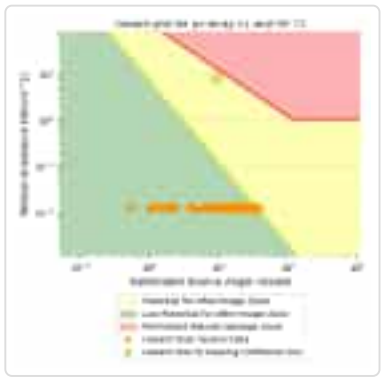
PV array 11: OP 73

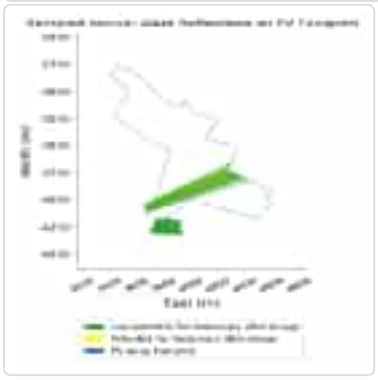
PV array is expected to produce the following glare for this receptor:

- 393 minutes of "green" glare with low potential to cause temporary after-image.
- 1 minutes of "yellow" glare with potential to cause temporary after-image.





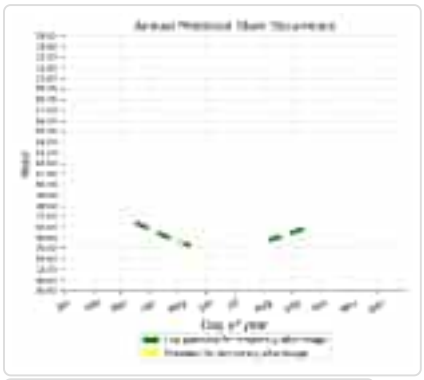


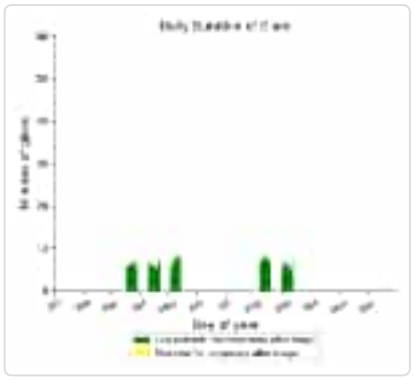


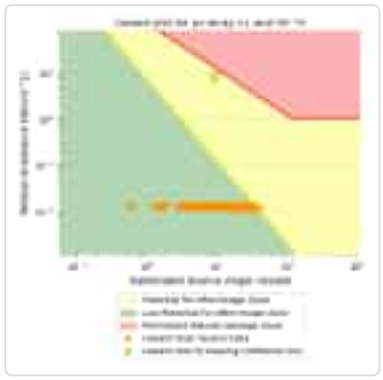
PV array 11: OP 74

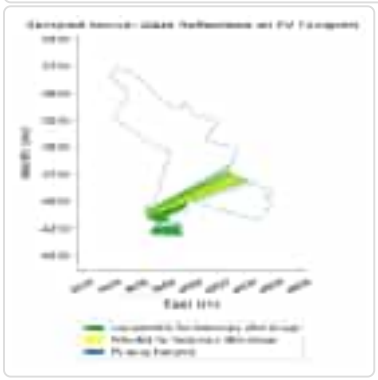
PV array is expected to produce the following glare for this receptor:

- 382 minutes of "green" glare with low potential to cause temporary after-image.
- 3 minutes of "yellow" glare with potential to cause temporary after-image.





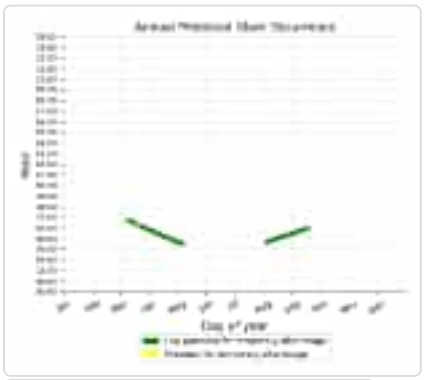


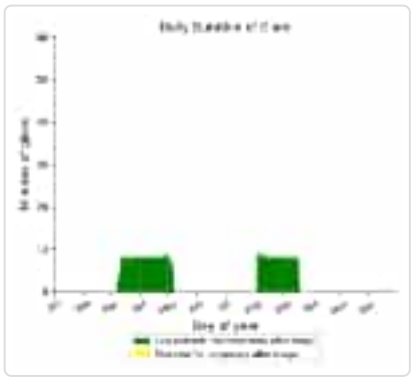


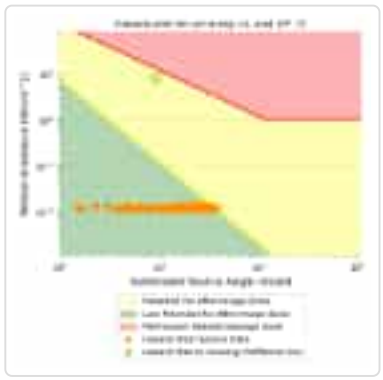
PV array 11: OP 75

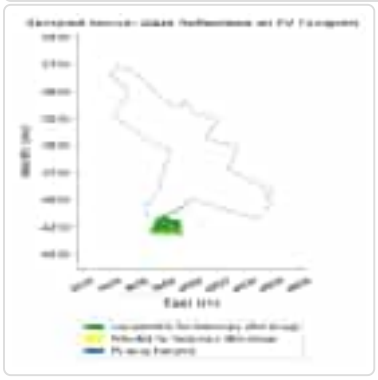
PV array is expected to produce the following glare for this receptor:

- 833 minutes of "green" glare with low potential to cause temporary after-image.
- 3 minutes of "yellow" glare with potential to cause temporary after-image.





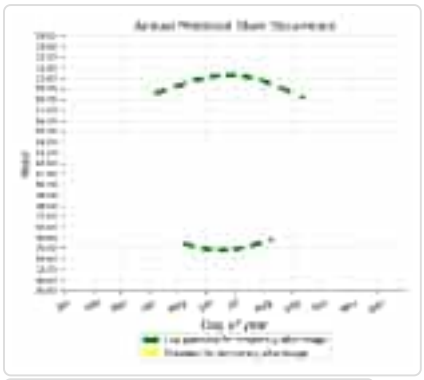


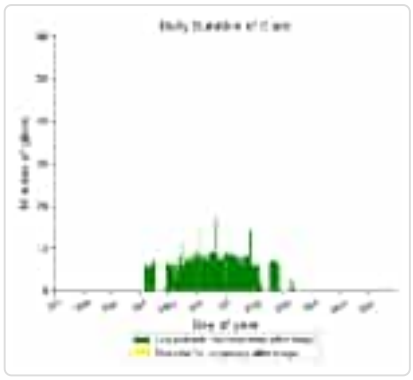


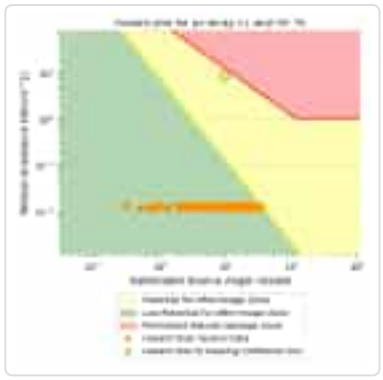
PV array 11: OP 76

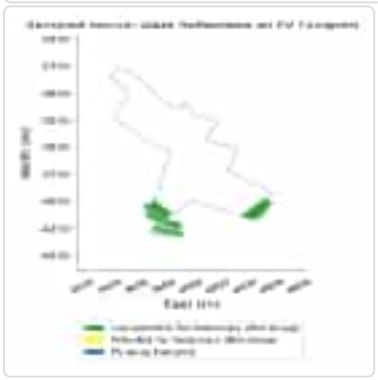
PV array is expected to produce the following glare for this receptor:

- 914 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 77

No glare found

PV array 11: OP 78

No glare found

PV array 11: OP 79

No glare found

PV array 11: OP 80

No glare found

PV array 12 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	145	0
OP: OP 3	234	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	36	0
OP: OP 12	70	0
OP: OP 13	70	0
OP: OP 14	96	0
OP: OP 15	205	0
OP: OP 16	224	0
OP: OP 17	203	0
OP: OP 18	213	0
OP: OP 19	128	0
OP: OP 20	67	0
OP: OP 21	71	0
OP: OP 22	69	0
OP: OP 23	55	0
OP: OP 24	37	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	25	0
OP: OP 29	0	0
OP: OP 30	41	0
OP: OP 31	51	0
OP: OP 32	38	0
OP: OP 33	51	0
OP: OP 34	59	0
OP: OP 35	38	0
OP: OP 36	22	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0

OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	81	0
OP: OP 55	89	0
OP: OP 56	55	0
OP: OP 57	59	0
OP: OP 58	41	0
OP: OP 59	42	0
OP: OP 60	46	0
OP: OP 61	53	0
OP: OP 62	19	0
OP: OP 63	100	0
OP: OP 64	117	0
OP: OP 65	108	0
OP: OP 66	61	0
OP: OP 67	59	0
OP: OP 68	99	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	154	0
OP: OP 73	112	0
OP: OP 74	101	0
OP: OP 75	99	0
OP: OP 76	131	0
OP: OP 77	36	0
OP: OP 78	36	0
OP: OP 79	39	0
OP: OP 80	45	0

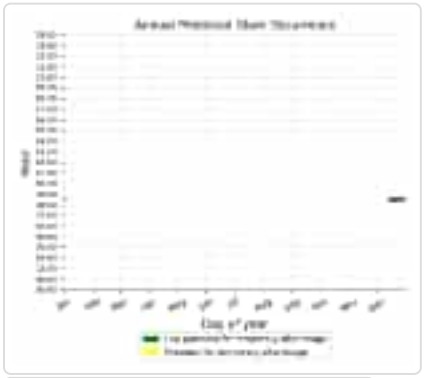
PV array 12: OP 1

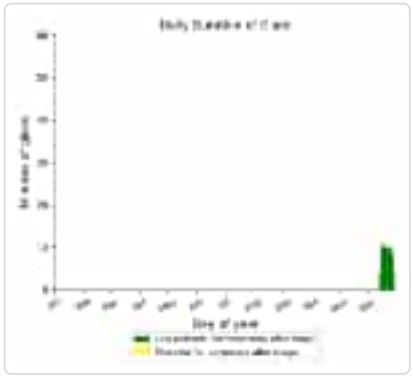
No glare found

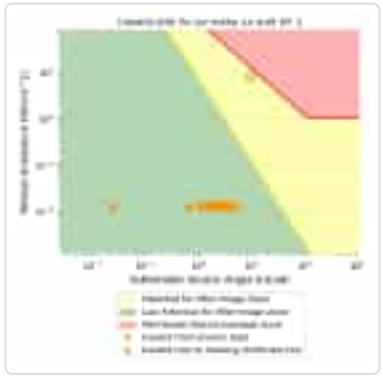
PV array 12: OP 2

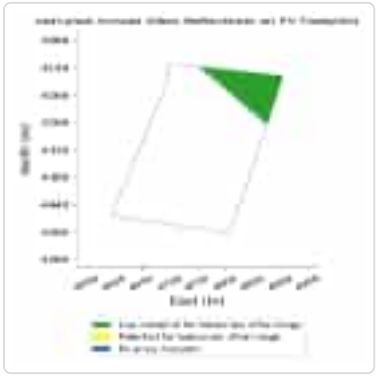
PV array is expected to produce the following glare for this receptor:

- 145 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





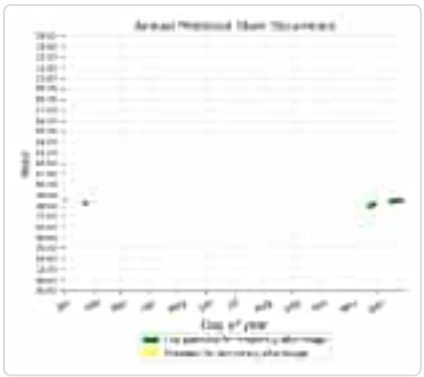


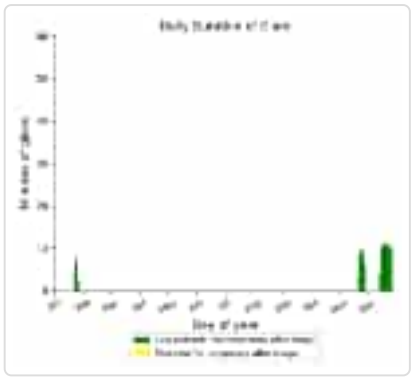


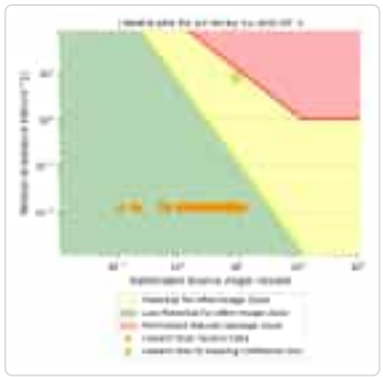
PV array 12: OP 3

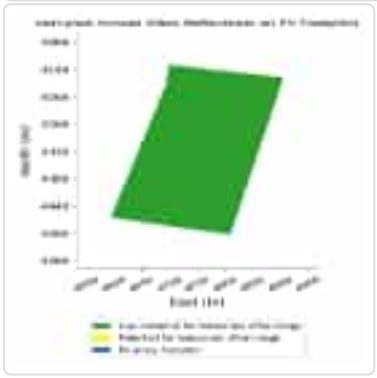
PV array is expected to produce the following glare for this receptor:

- 234 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12: OP 4

No glare found

PV array 12: OP 5

No glare found

PV array 12: OP 6

No glare found

PV array 12: OP 7

No glare found

PV array 12: OP 8

No glare found

PV array 12: OP 9

No glare found

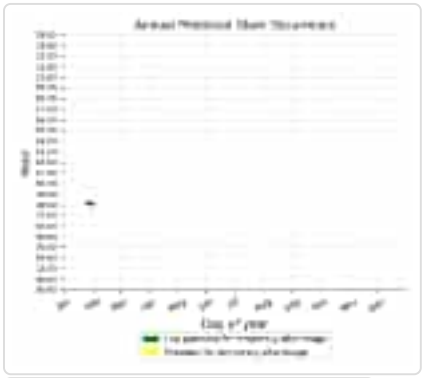
PV array 12: OP 10

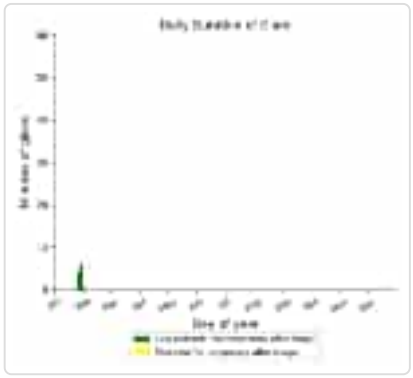
No glare found

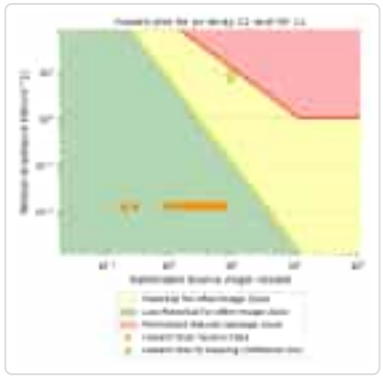
PV array 12: OP 11

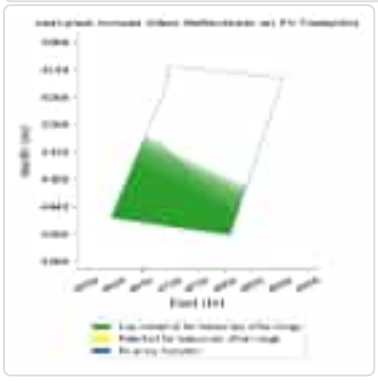
PV array is expected to produce the following glare for this receptor:

- 36 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





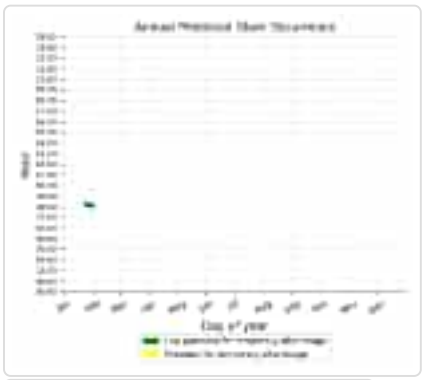


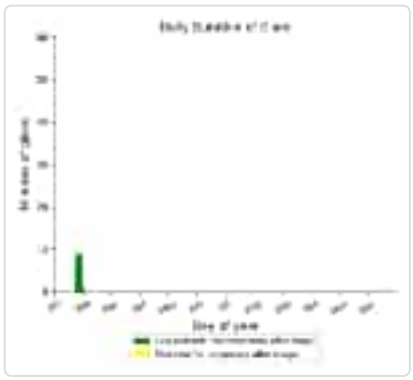


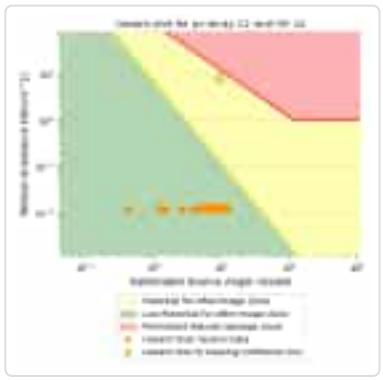
PV array 12: OP 12

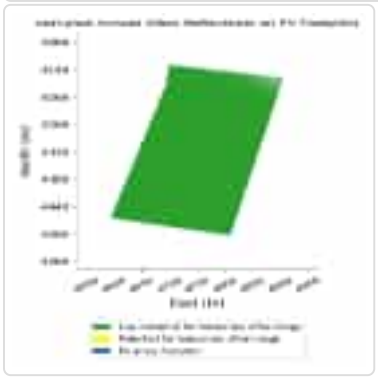
PV array is expected to produce the following glare for this receptor:

- 70 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





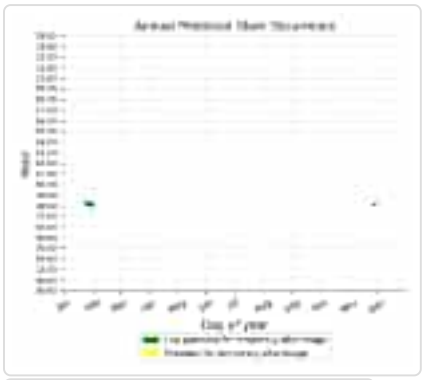


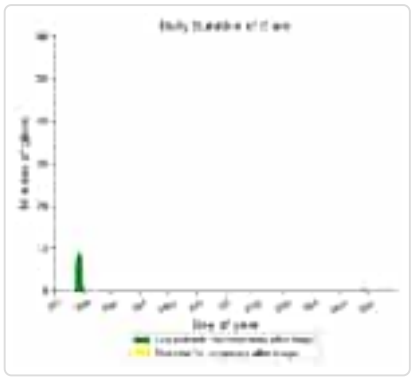


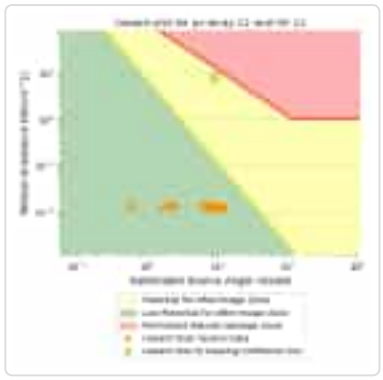
PV array 12: OP 13

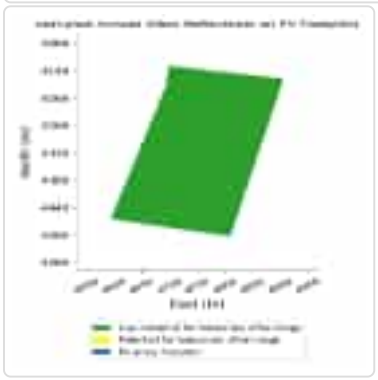
PV array is expected to produce the following glare for this receptor:

- 70 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





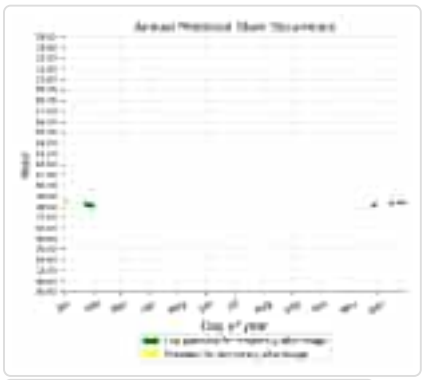


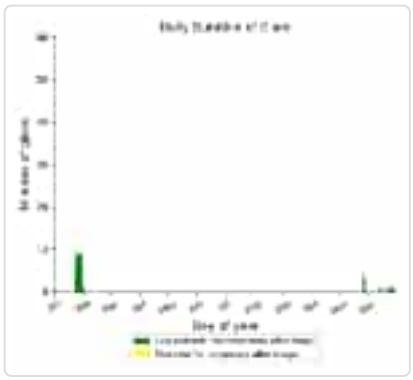


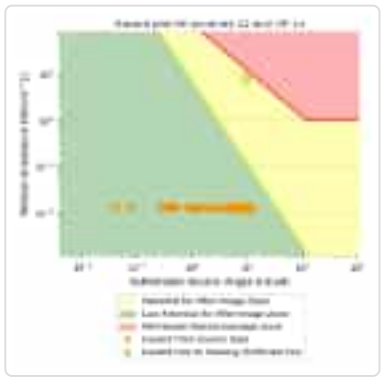
PV array 12: OP 14

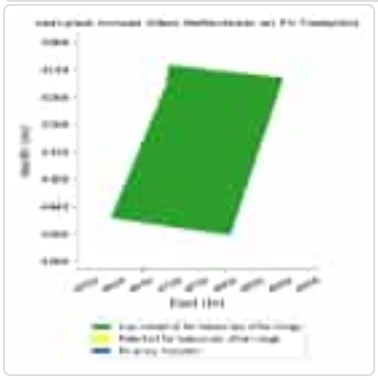
PV array is expected to produce the following glare for this receptor:

- 96 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





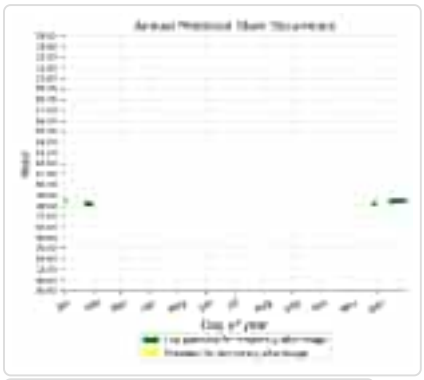


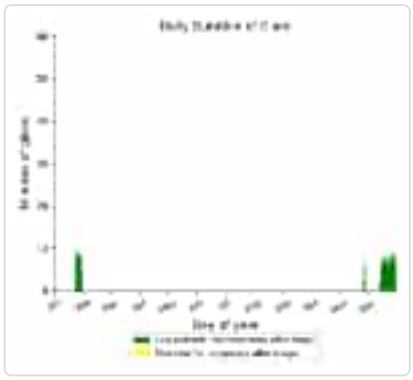


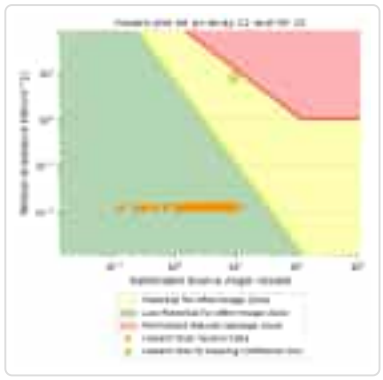
PV array 12: OP 15

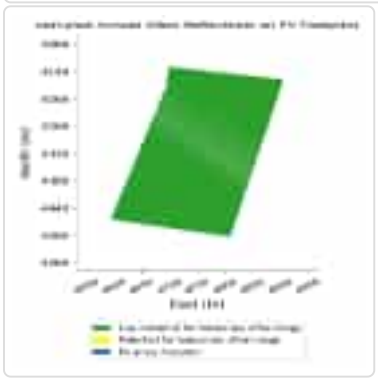
PV array is expected to produce the following glare for this receptor:

- 205 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





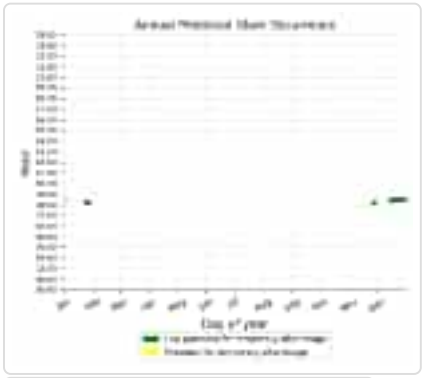


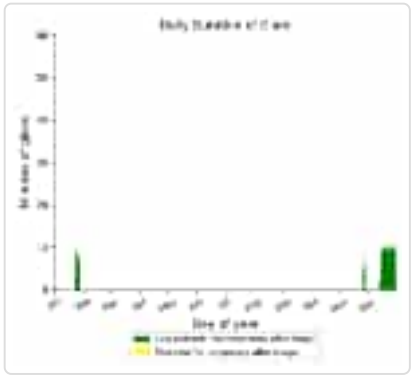


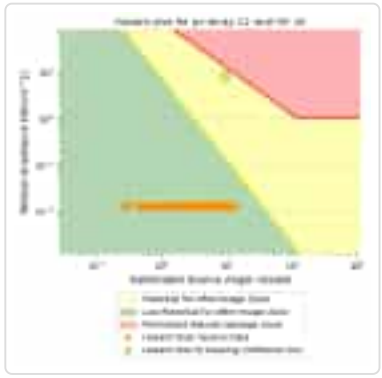
PV array 12: OP 16

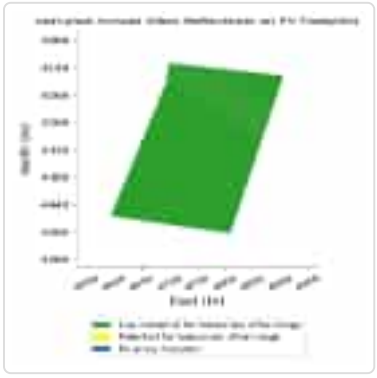
PV array is expected to produce the following glare for this receptor:

- 224 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





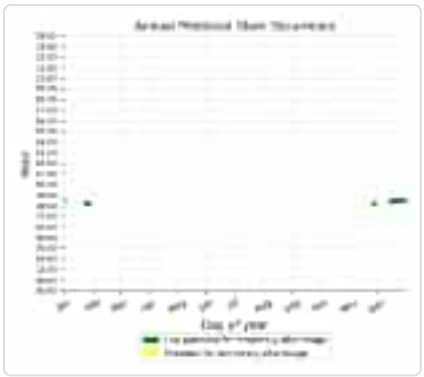


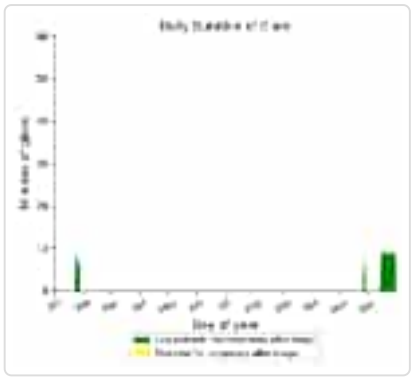


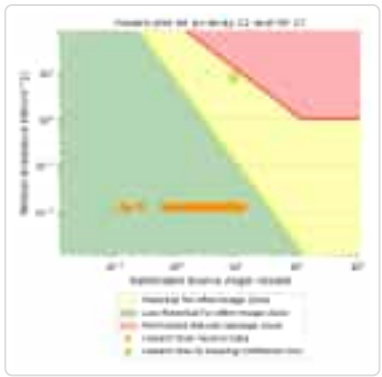
PV array 12: OP 17

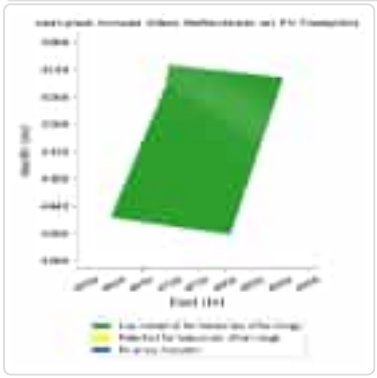
PV array is expected to produce the following glare for this receptor:

- 203 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





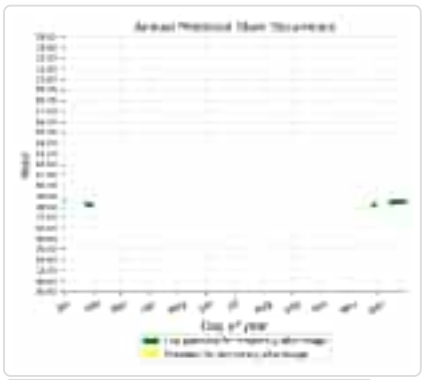


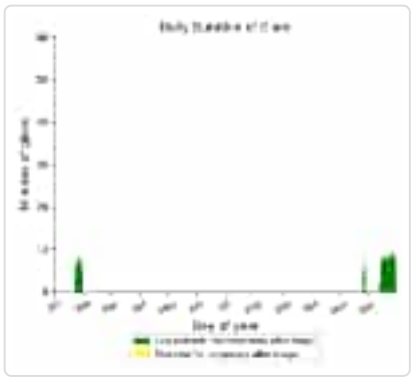


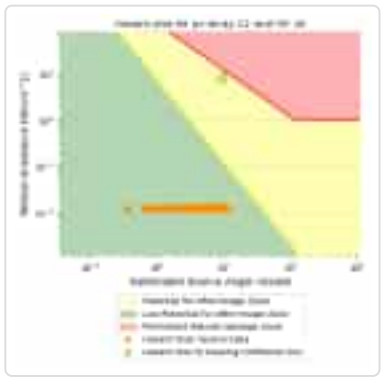
PV array 12: OP 18

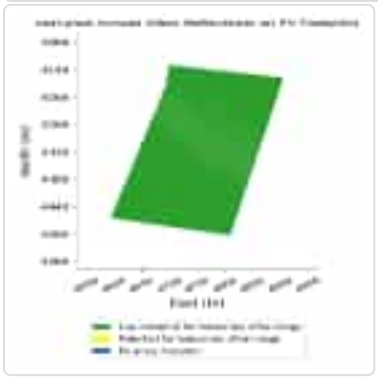
PV array is expected to produce the following glare for this receptor:

- 213 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





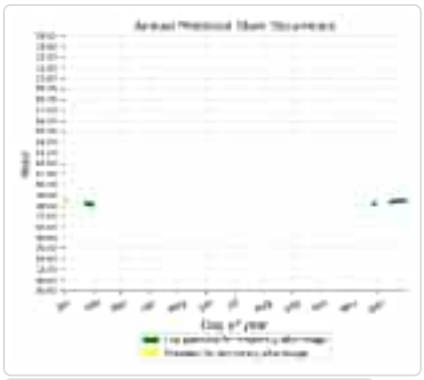


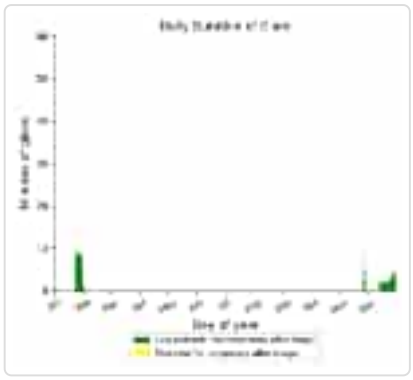


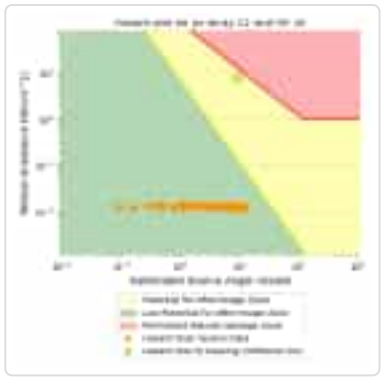
PV array 12: OP 19

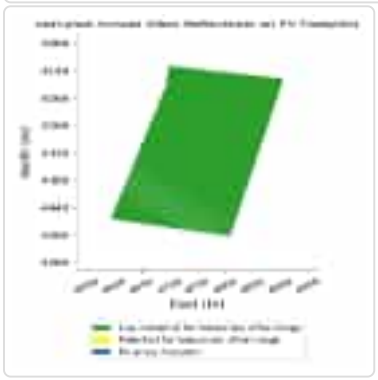
PV array is expected to produce the following glare for this receptor:

- 128 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





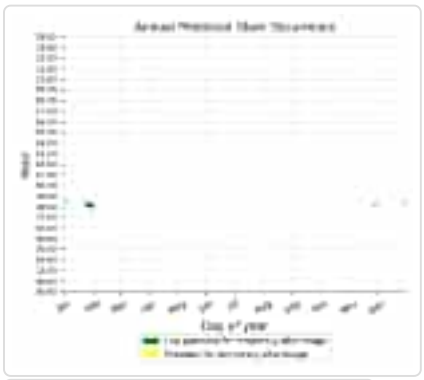


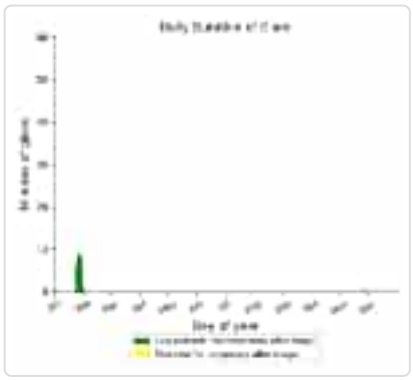


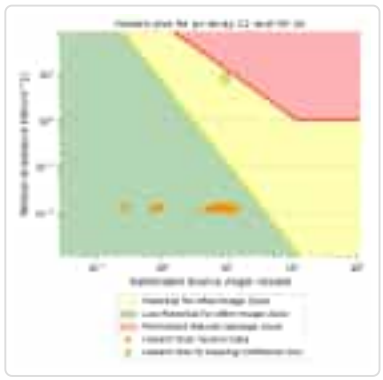
PV array 12: OP 20

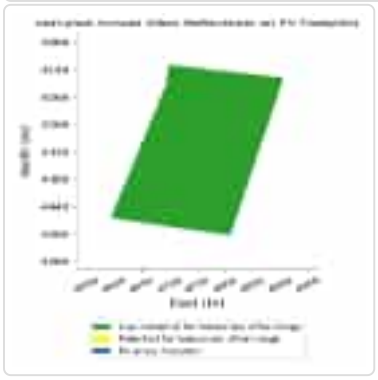
PV array is expected to produce the following glare for this receptor:

- 67 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





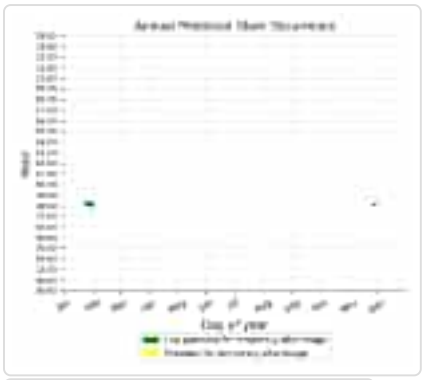


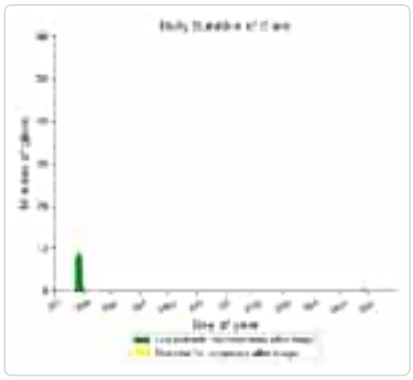


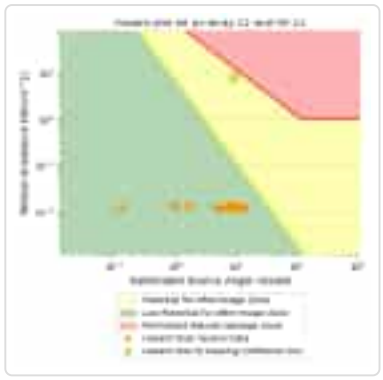
PV array 12: OP 21

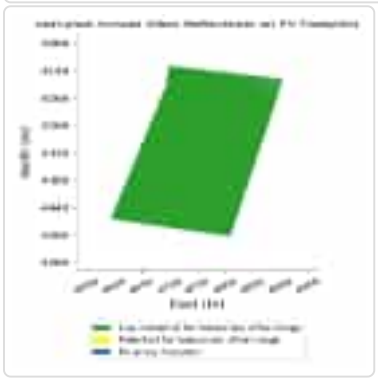
PV array is expected to produce the following glare for this receptor:

- 71 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





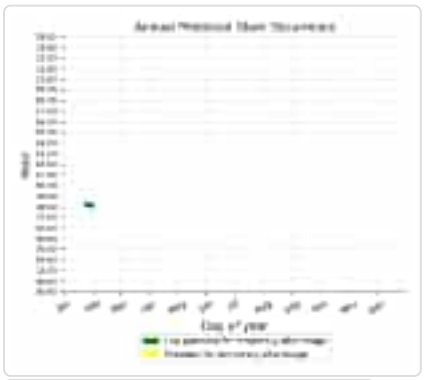


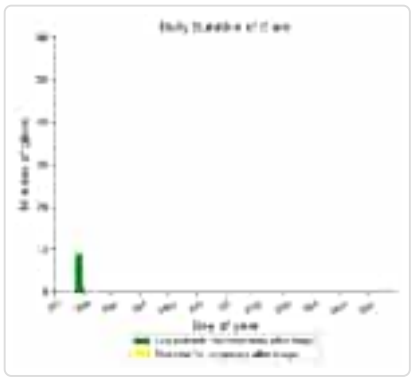


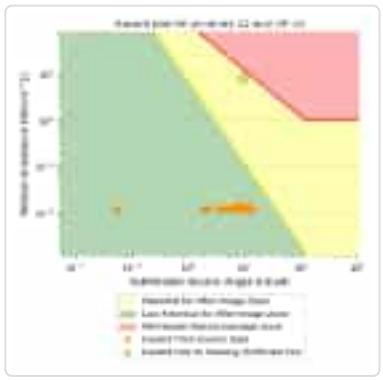
PV array 12: OP 22

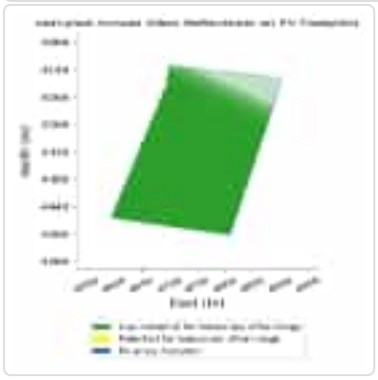
PV array is expected to produce the following glare for this receptor:

- 69 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





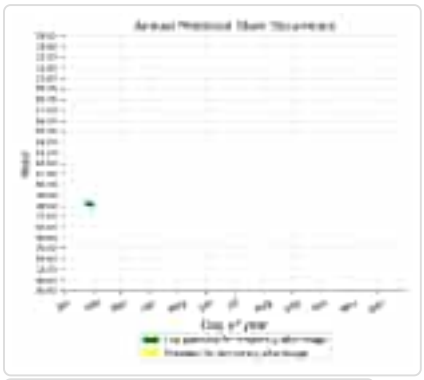


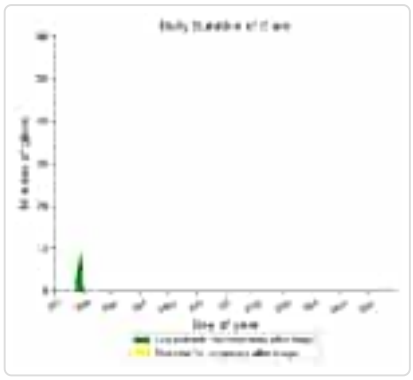


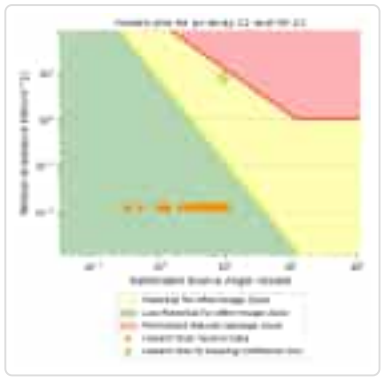
PV array 12: OP 23

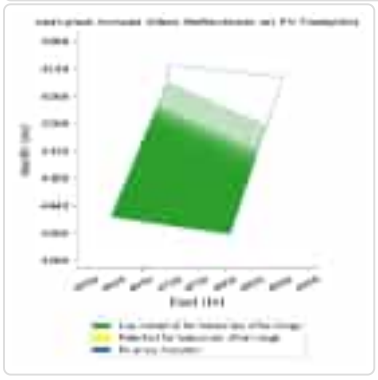
PV array is expected to produce the following glare for this receptor:

- 55 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





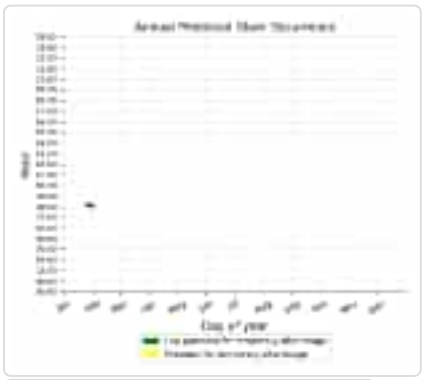


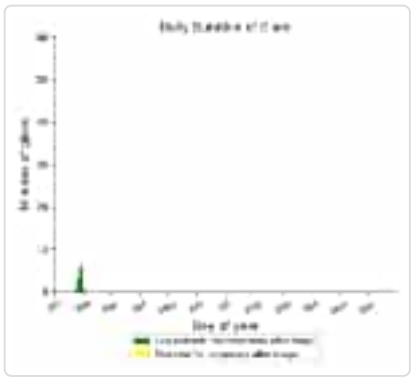


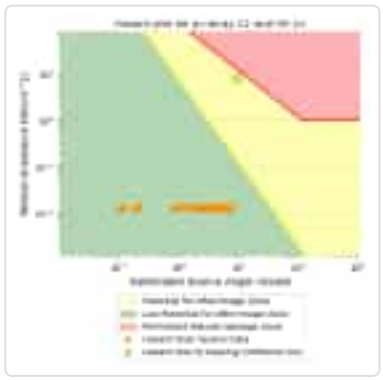
PV array 12: OP 24

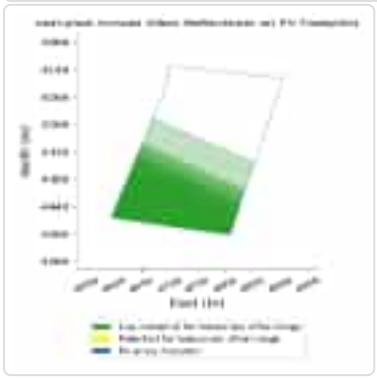
PV array is expected to produce the following glare for this receptor:

- 37 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12: OP 25

No glare found

PV array 12: OP 26

No glare found

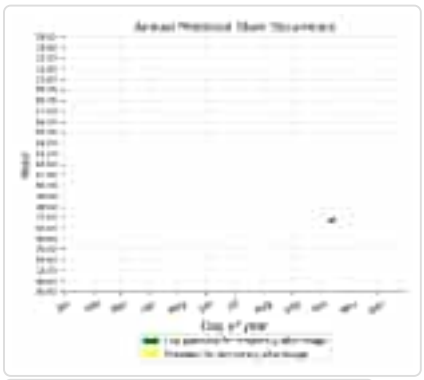
PV array 12: OP 27

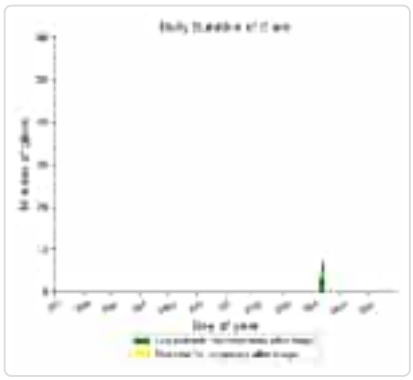
No glare found

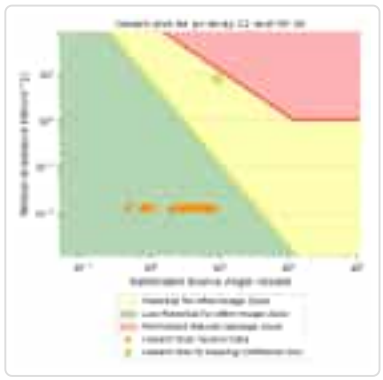
PV array 12: OP 28

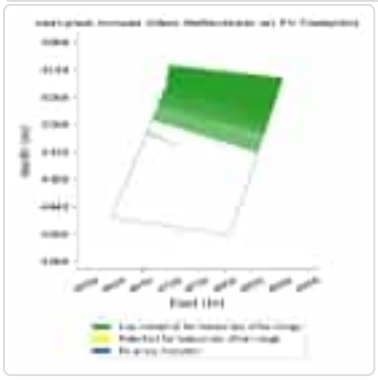
PV array is expected to produce the following glare for this receptor:

- 25 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









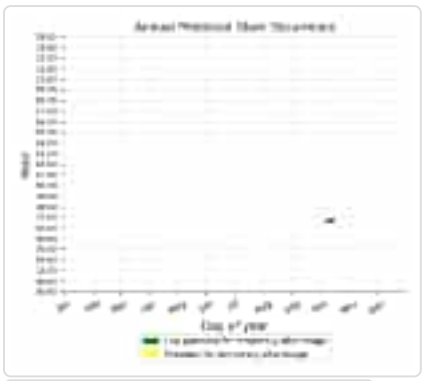
PV array 12: OP 29

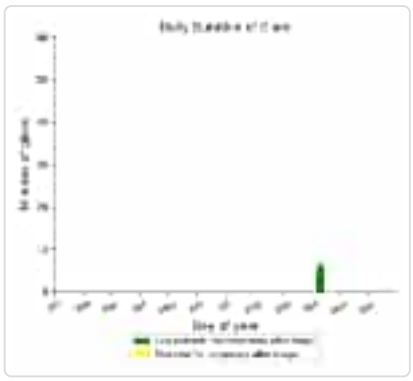
No glare found

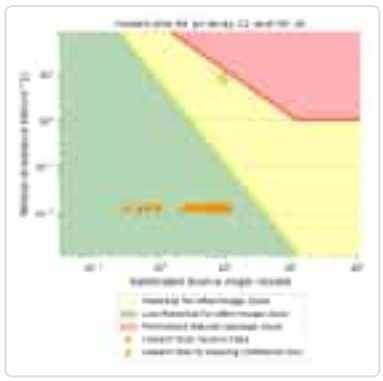
PV array 12: OP 30

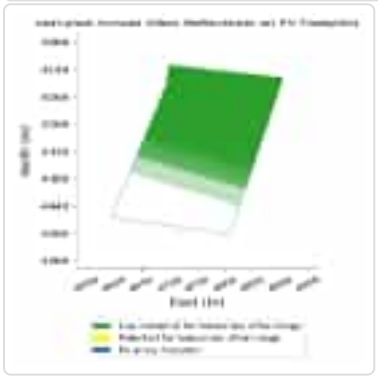
PV array is expected to produce the following glare for this receptor:

- 41 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





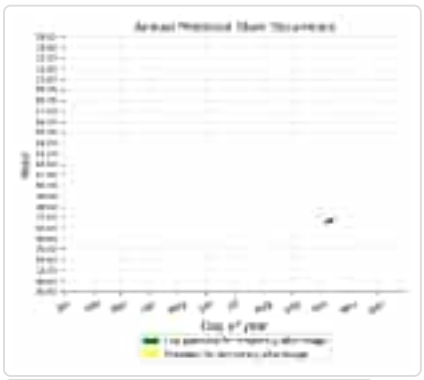


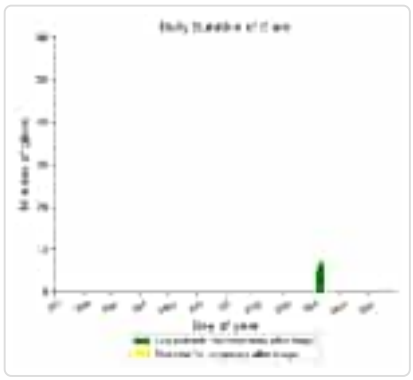


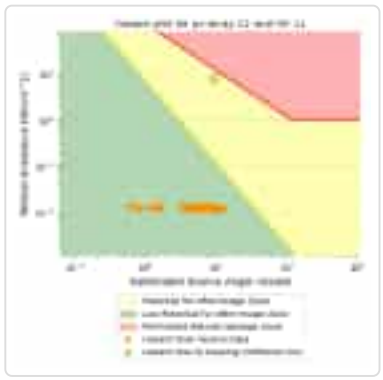
PV array 12: OP 31

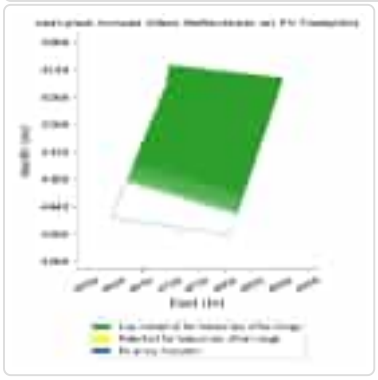
PV array is expected to produce the following glare for this receptor:

- 51 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





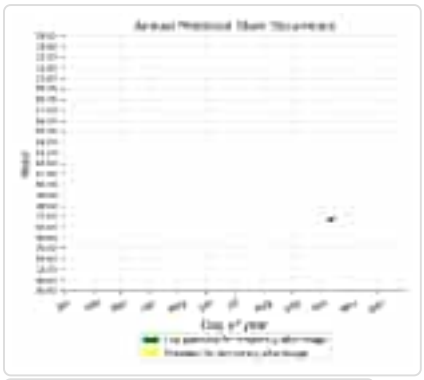


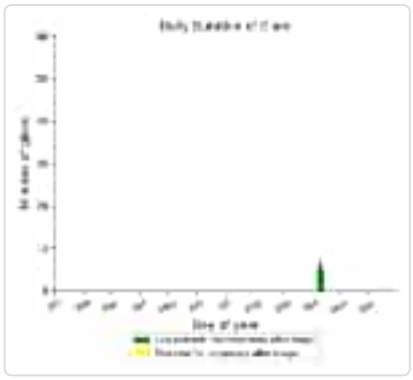


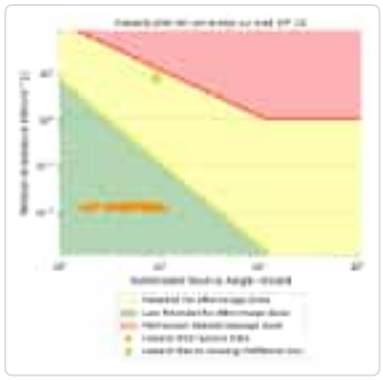
PV array 12: OP 32

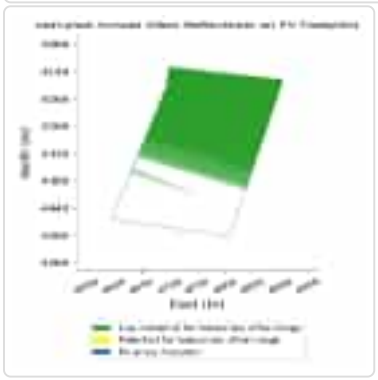
PV array is expected to produce the following glare for this receptor:

- 38 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





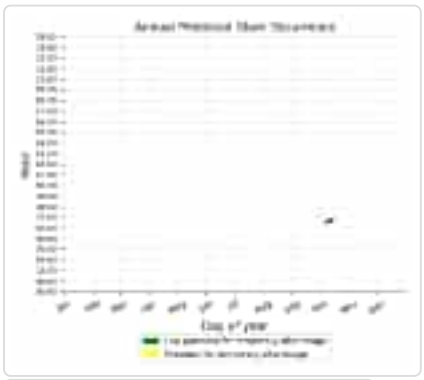


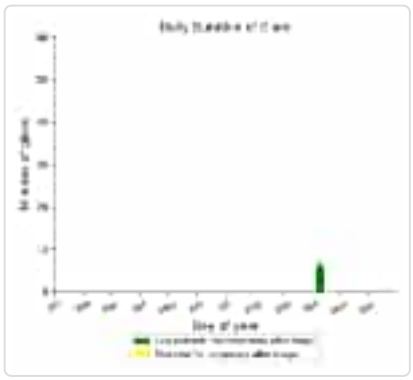


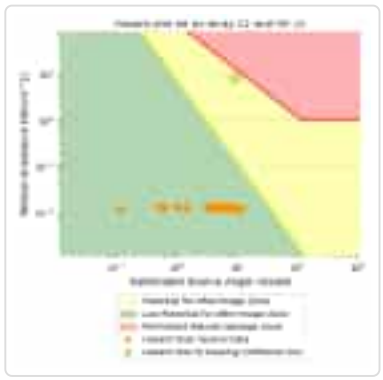
PV array 12: OP 33

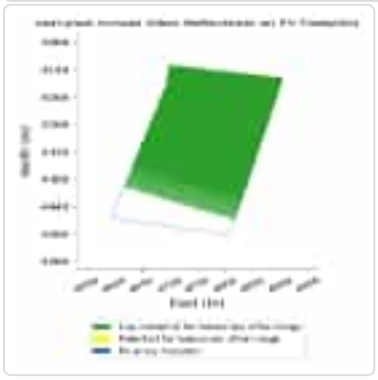
PV array is expected to produce the following glare for this receptor:

- 51 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





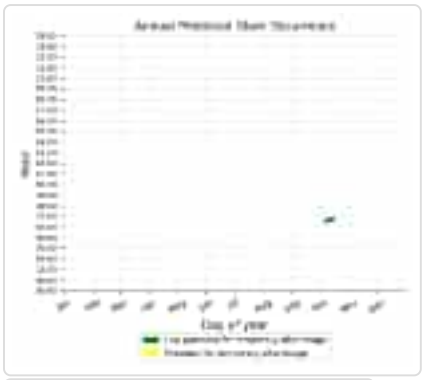


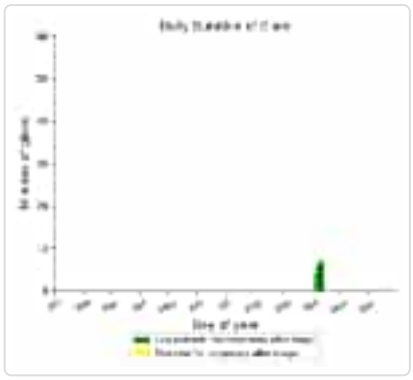


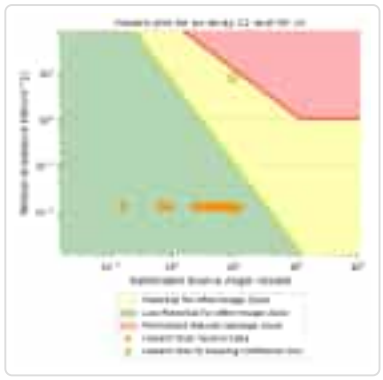
PV array 12: OP 34

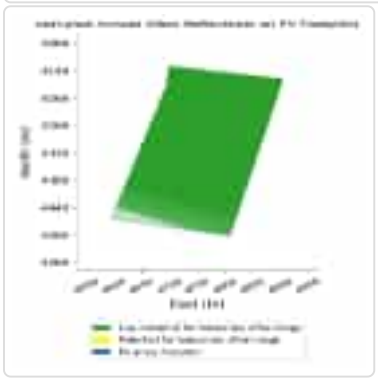
PV array is expected to produce the following glare for this receptor:

- 59 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





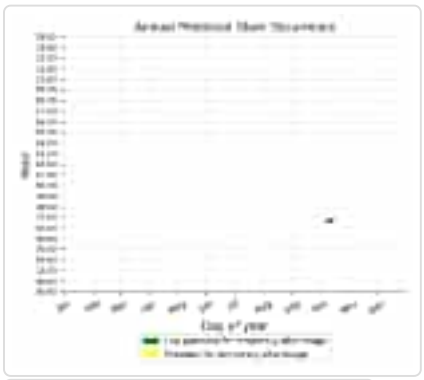


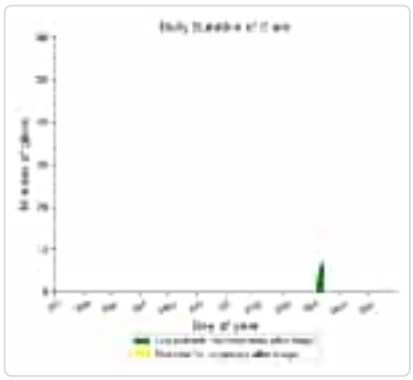


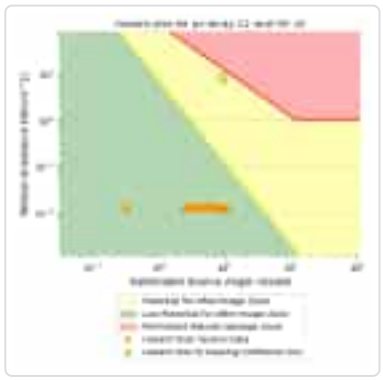
PV array 12: OP 35

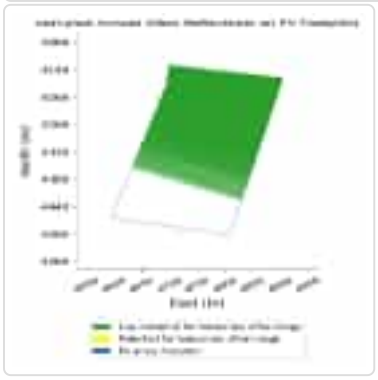
PV array is expected to produce the following glare for this receptor:

- 38 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





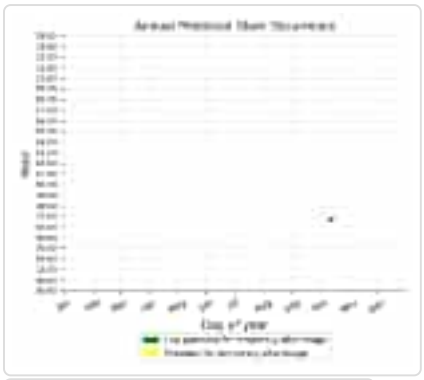


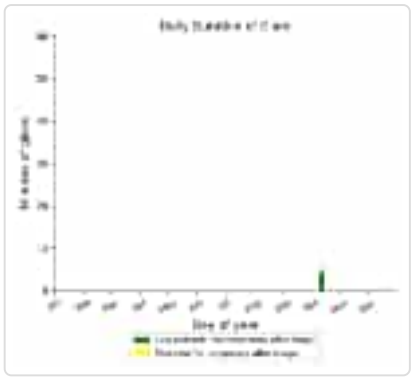


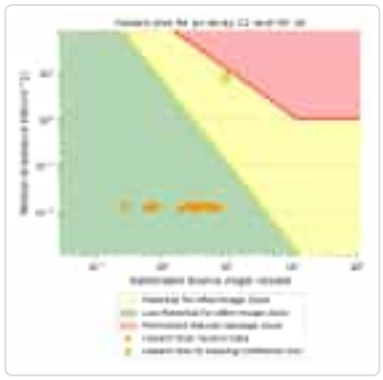
PV array 12: OP 36

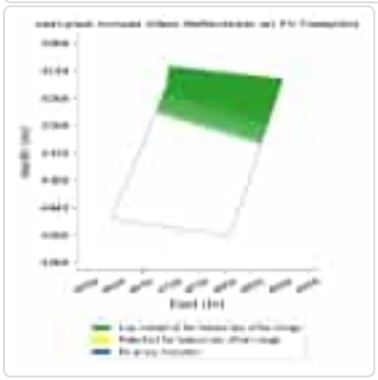
PV array is expected to produce the following glare for this receptor:

- 22 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12: OP 37

No glare found

PV array 12: OP 38

No glare found

PV array 12: OP 39

No glare found

PV array 12: OP 40

No glare found

PV array 12: OP 41

No glare found

PV array 12: OP 42

No glare found

PV array 12: OP 43

No glare found

PV array 12: OP 44

No glare found

PV array 12: OP 45

No glare found

PV array 12: OP 46

No glare found

PV array 12: OP 47

No glare found

PV array 12: OP 48

No glare found

PV array 12: OP 49

No glare found

PV array 12: OP 50

No glare found

PV array 12: OP 51

No glare found

PV array 12: OP 52

No glare found

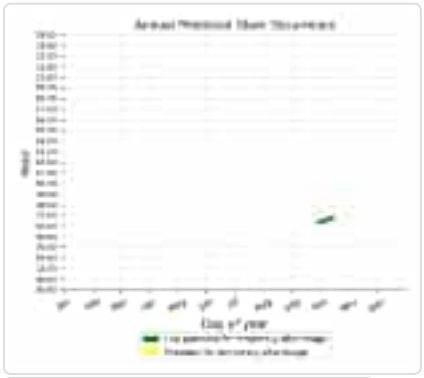
PV array 12: OP 53

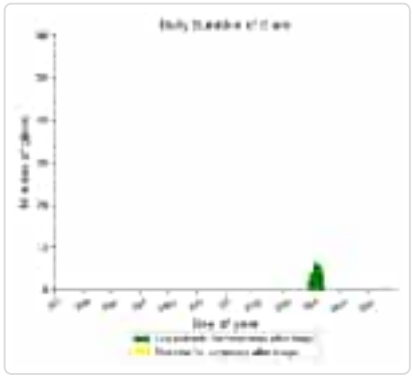
No glare found

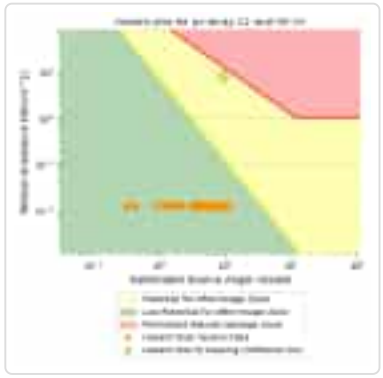
PV array 12: OP 54

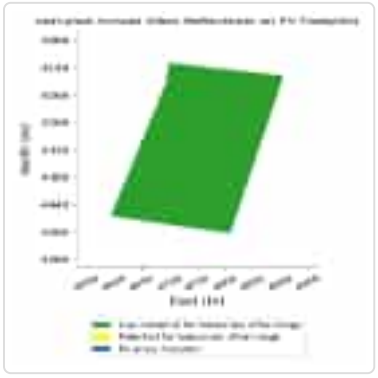
PV array is expected to produce the following glare for this receptor:

- 81 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





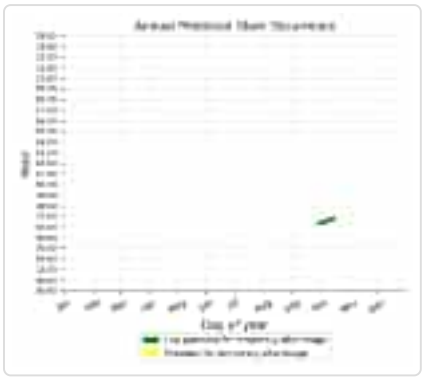


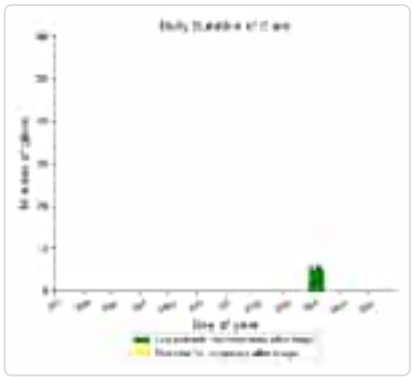


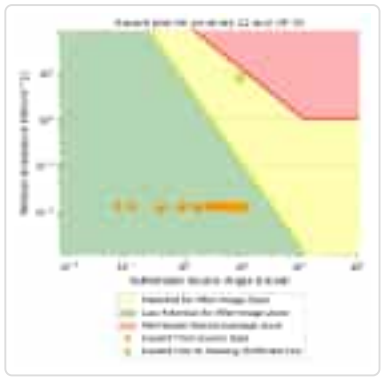
PV array 12: OP 55

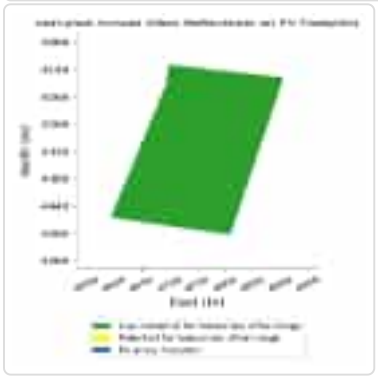
PV array is expected to produce the following glare for this receptor:

- 89 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





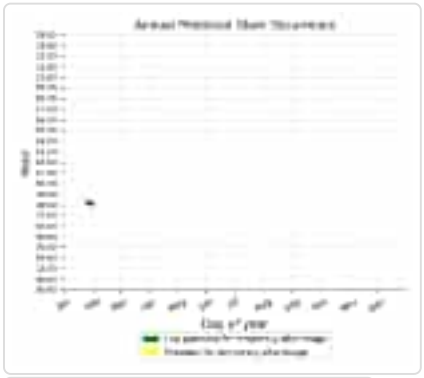


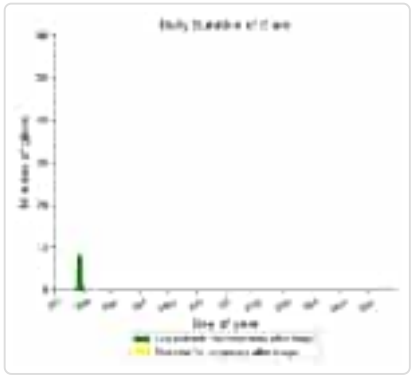


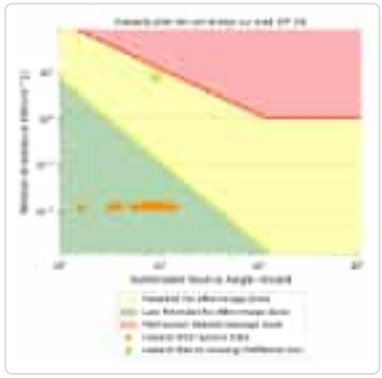
PV array 12: OP 56

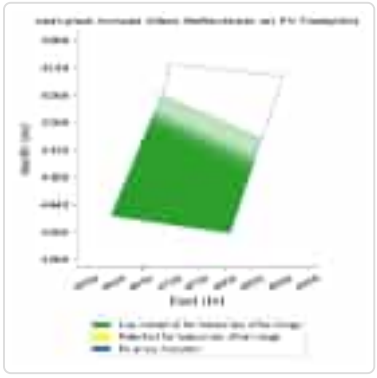
PV array is expected to produce the following glare for this receptor:

- 55 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





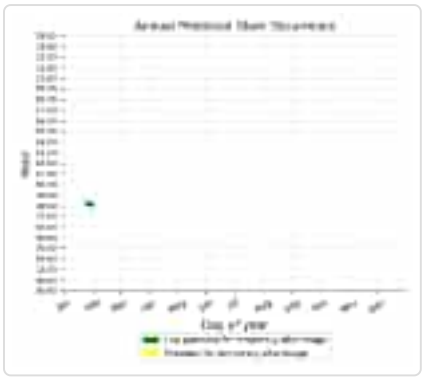


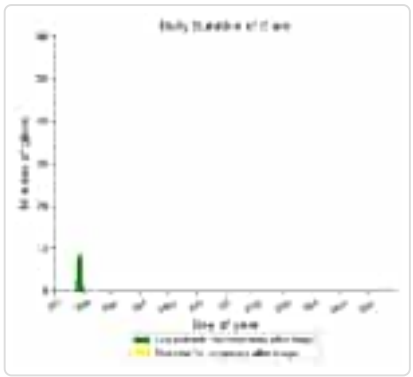


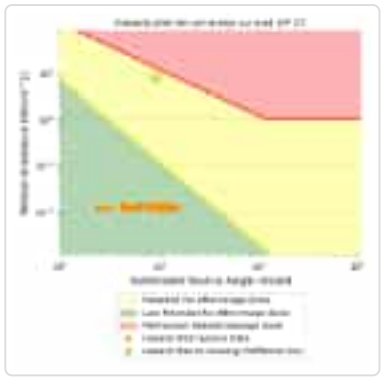
PV array 12: OP 57

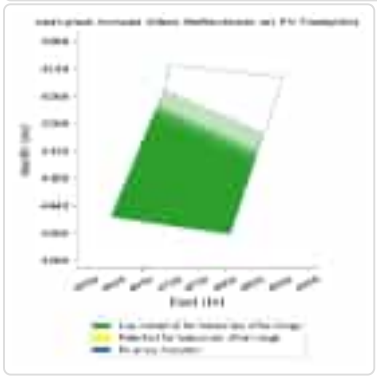
PV array is expected to produce the following glare for this receptor:

- 59 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





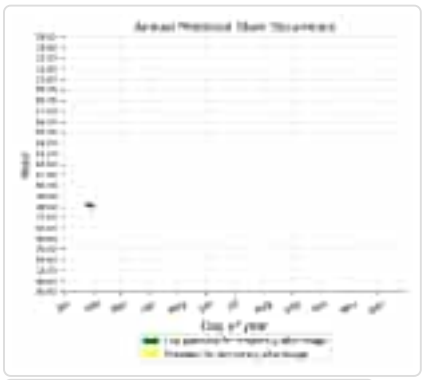


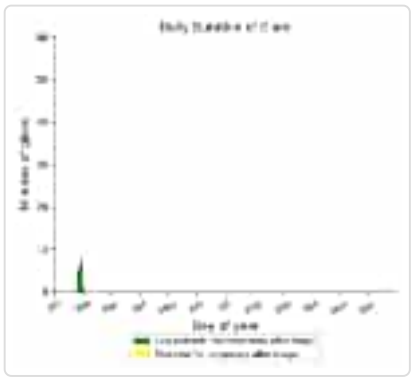


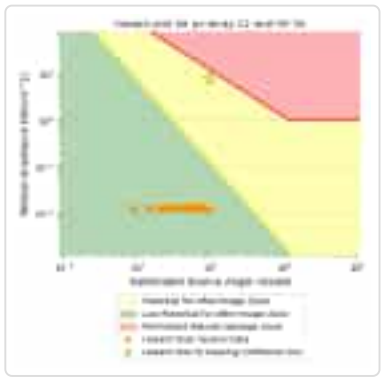
PV array 12: OP 58

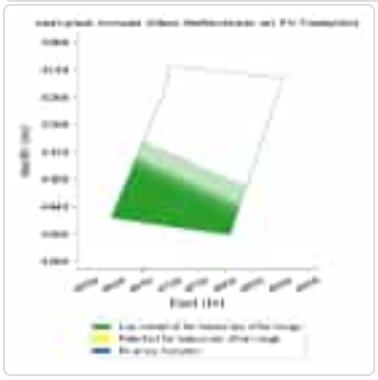
PV array is expected to produce the following glare for this receptor:

- 41 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





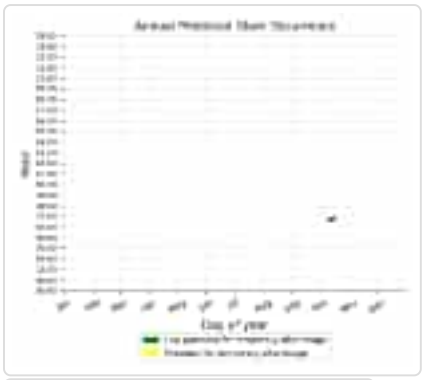


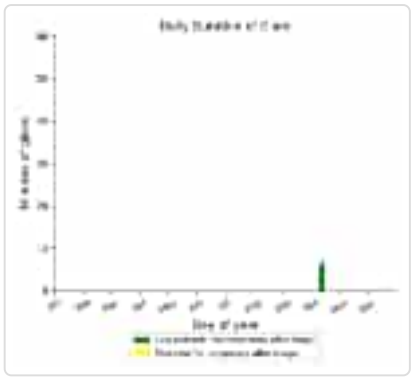


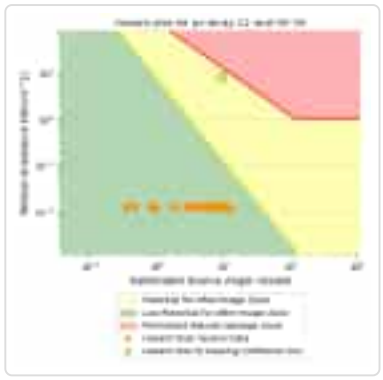
PV array 12: OP 59

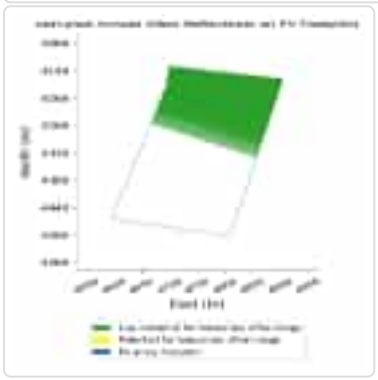
PV array is expected to produce the following glare for this receptor:

- 42 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





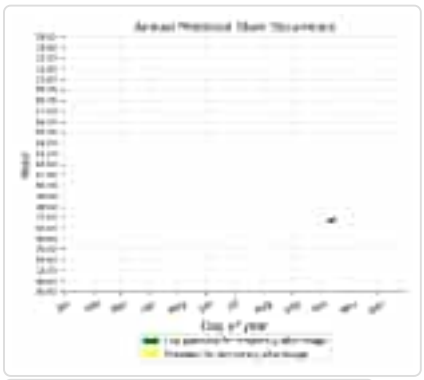


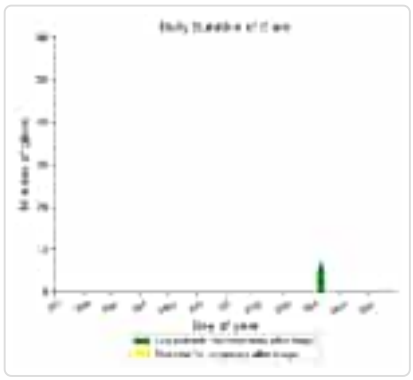


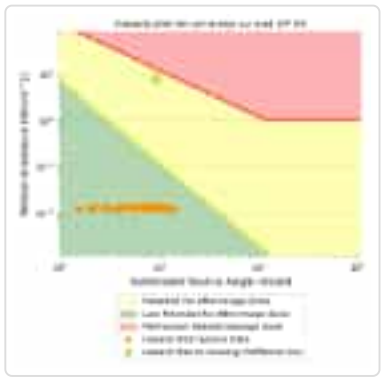
PV array 12: OP 60

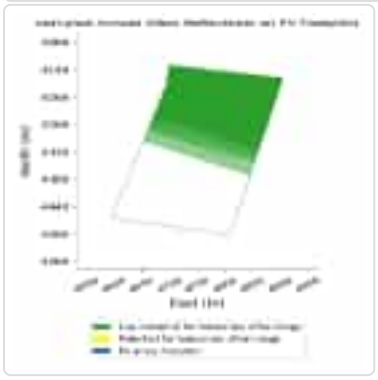
PV array is expected to produce the following glare for this receptor:

- 46 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





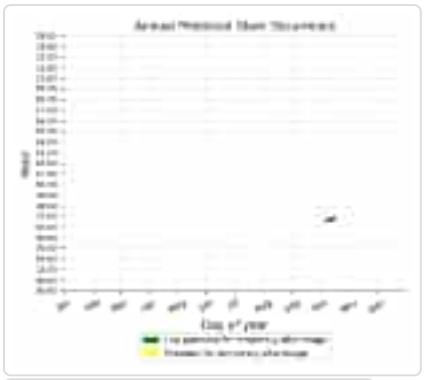


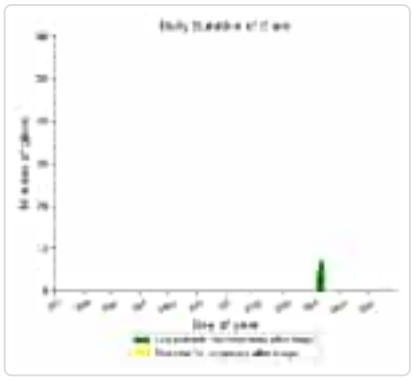


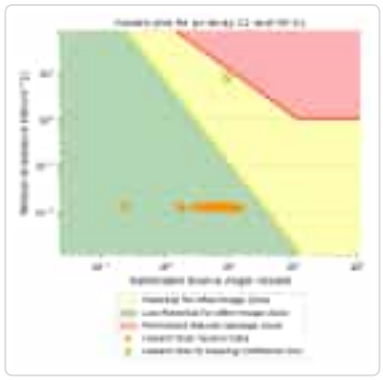
PV array 12: OP 61

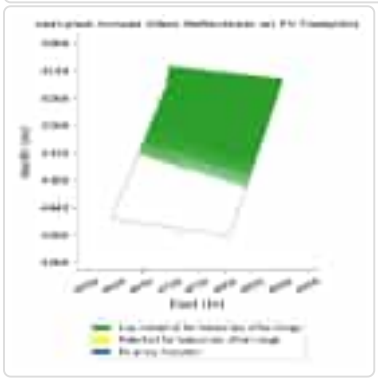
PV array is expected to produce the following glare for this receptor:

- 53 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





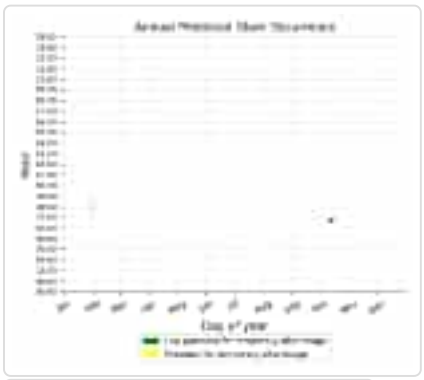


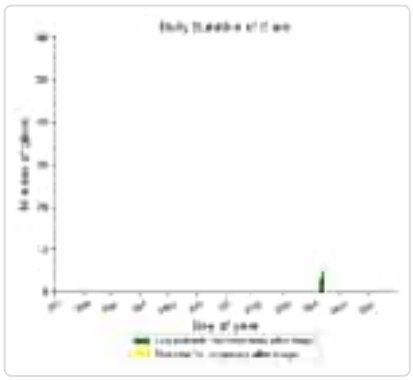


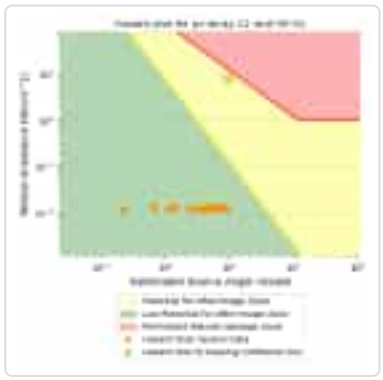
PV array 12: OP 62

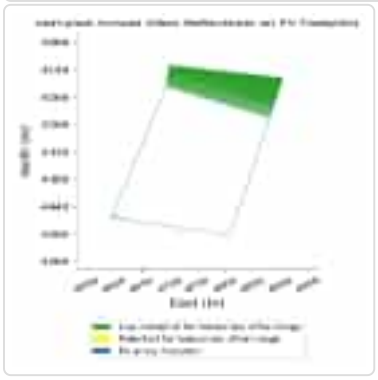
PV array is expected to produce the following glare for this receptor:

- 19 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





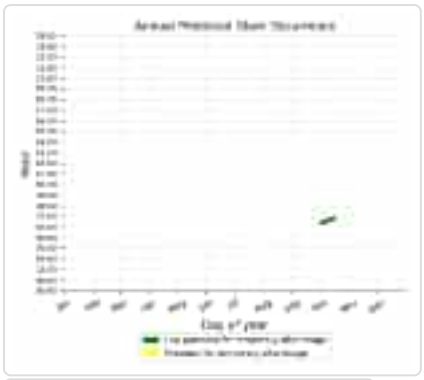


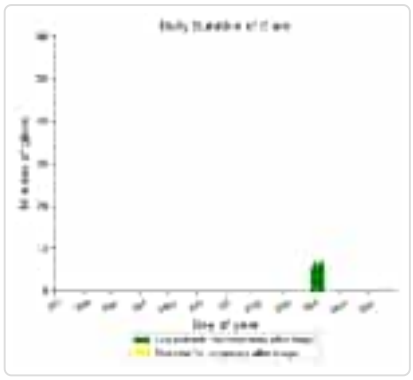


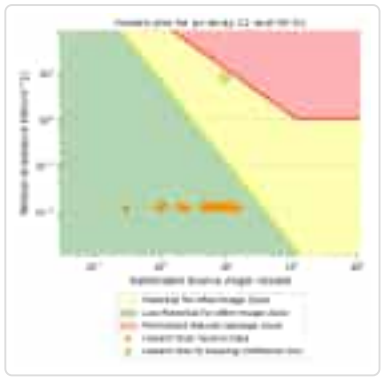
PV array 12: OP 63

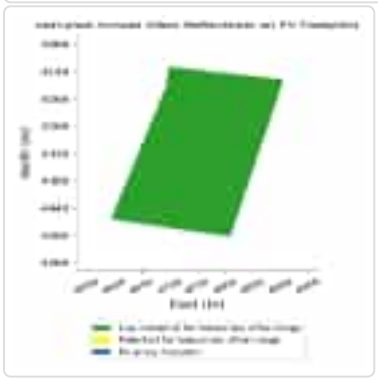
PV array is expected to produce the following glare for this receptor:

- 100 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





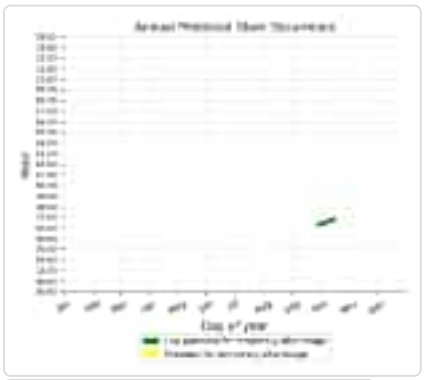


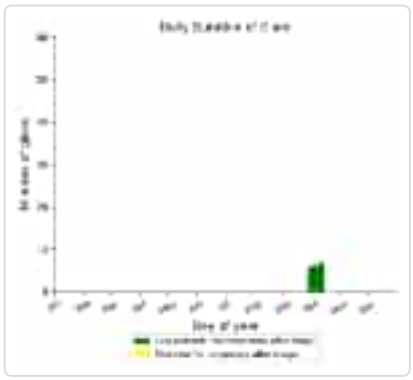


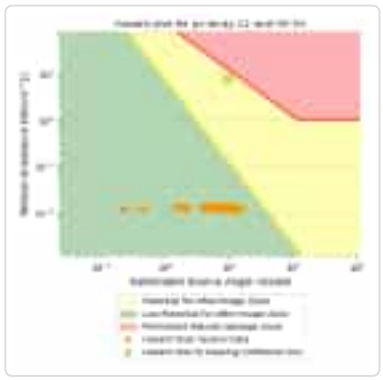
PV array 12: OP 64

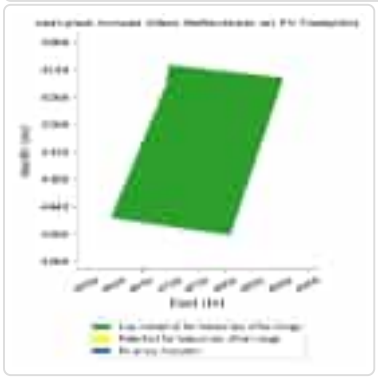
PV array is expected to produce the following glare for this receptor:

- 117 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





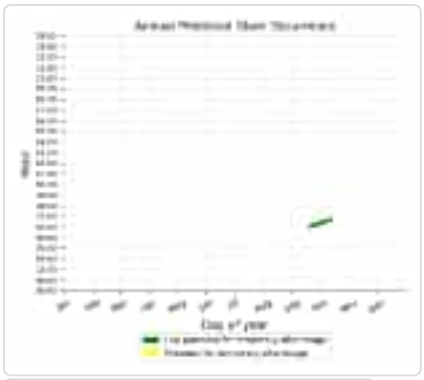


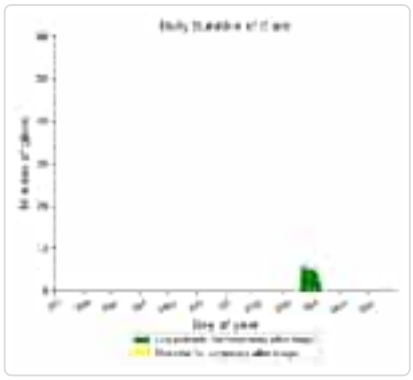


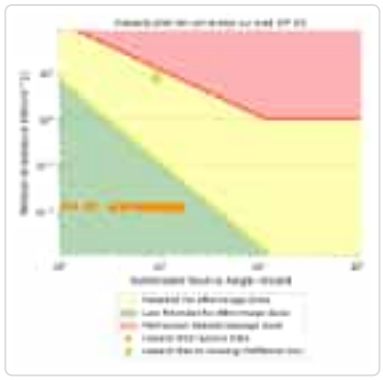
PV array 12: OP 65

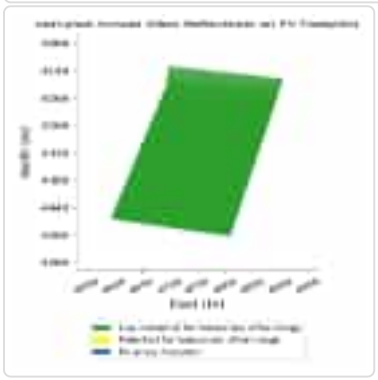
PV array is expected to produce the following glare for this receptor:

- 108 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





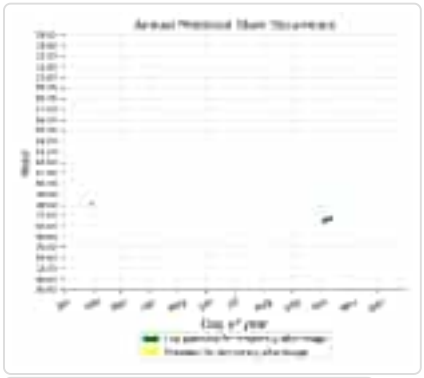


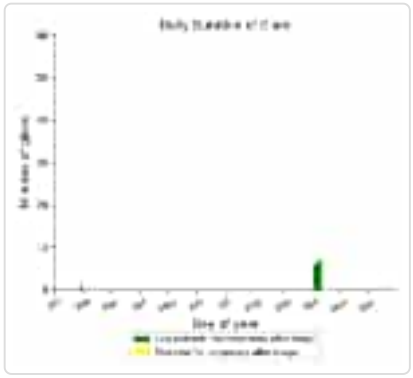


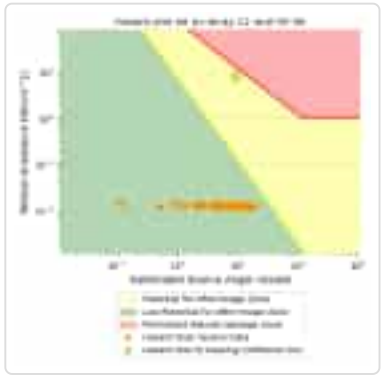
PV array 12: OP 66

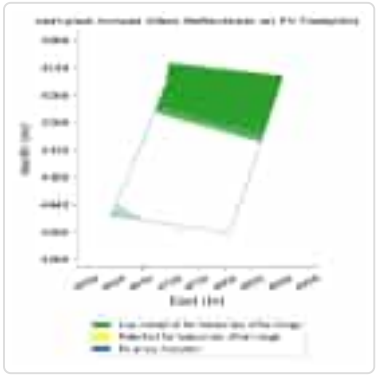
PV array is expected to produce the following glare for this receptor:

- 61 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





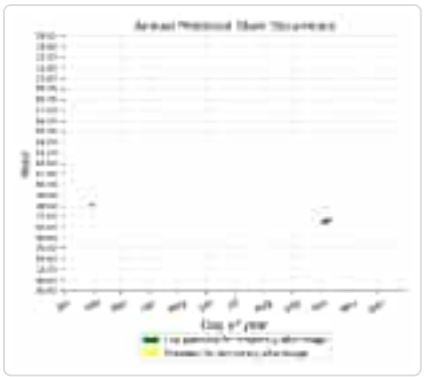


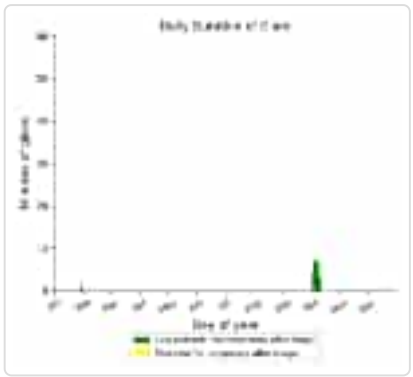


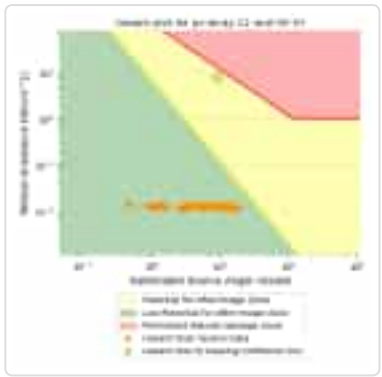
PV array 12: OP 67

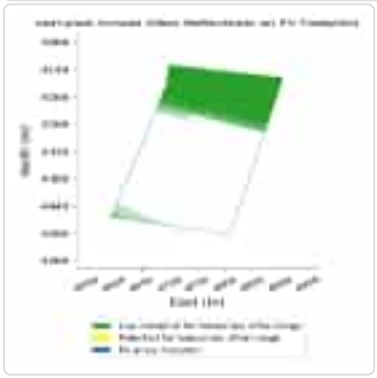
PV array is expected to produce the following glare for this receptor:

- 59 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





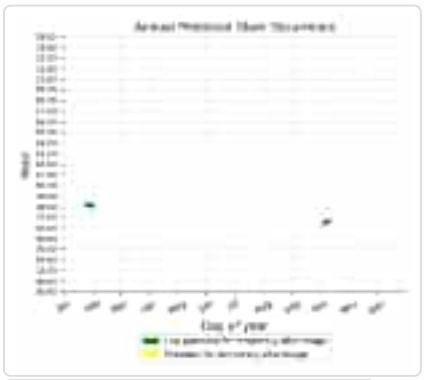


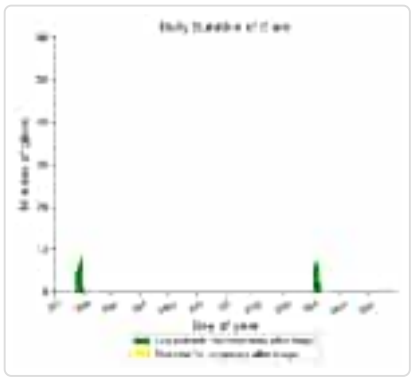


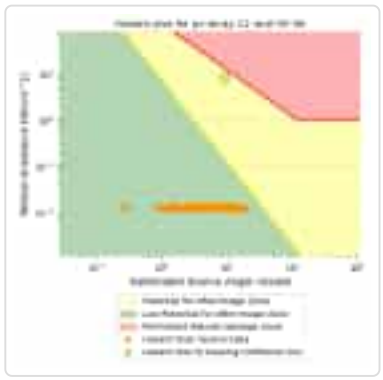
PV array 12: OP 68

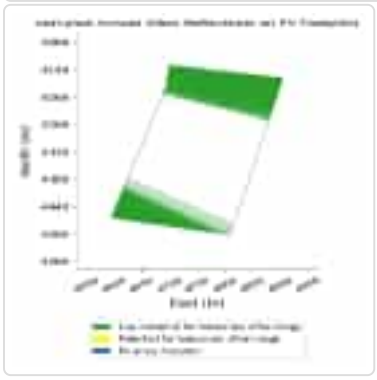
PV array is expected to produce the following glare for this receptor:

- 99 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12: OP 69

No glare found

PV array 12: OP 70

No glare found

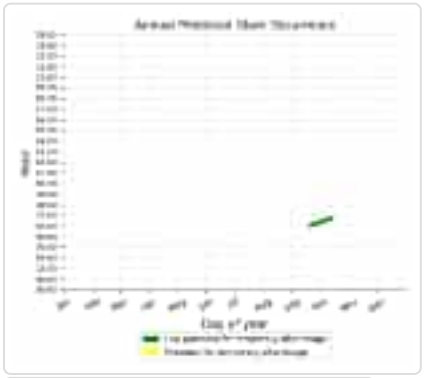
PV array 12: OP 71

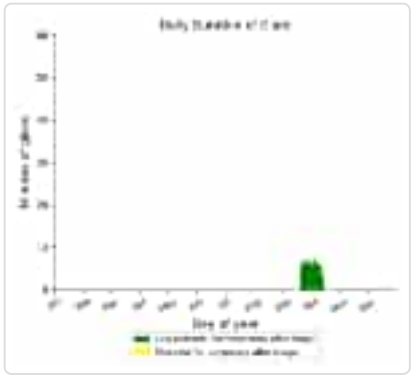
No glare found

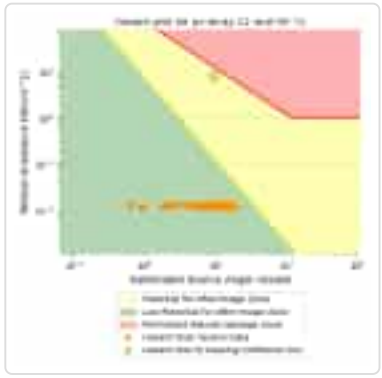
PV array 12: OP 72

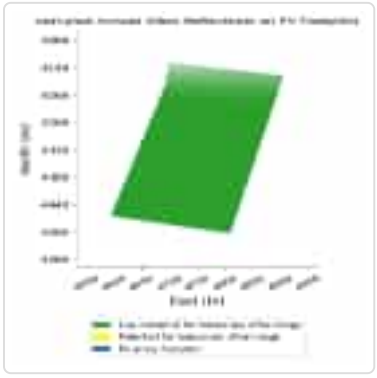
PV array is expected to produce the following glare for this receptor:

- 154 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





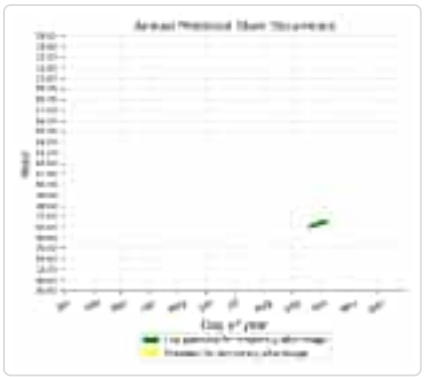


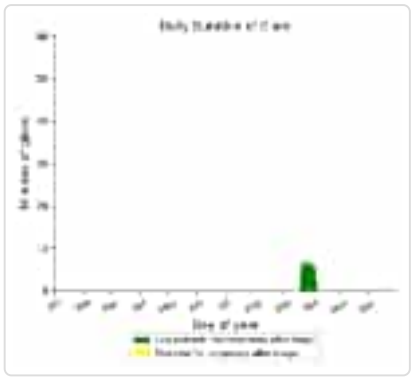


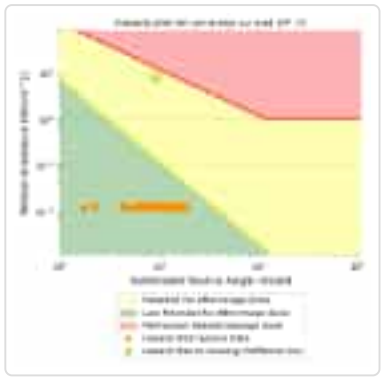
PV array 12: OP 73

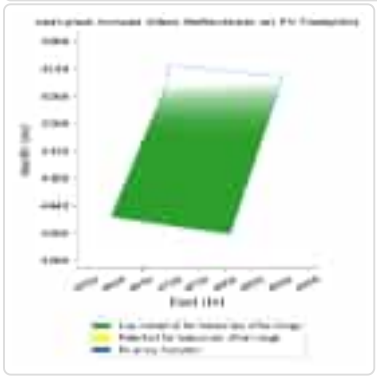
PV array is expected to produce the following glare for this receptor:

- 112 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





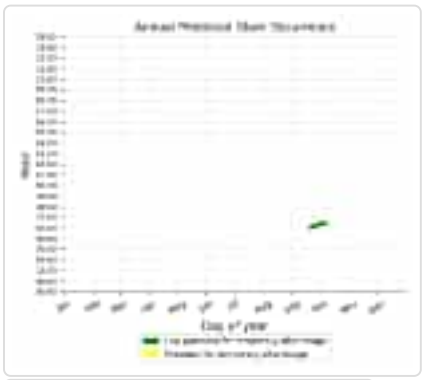


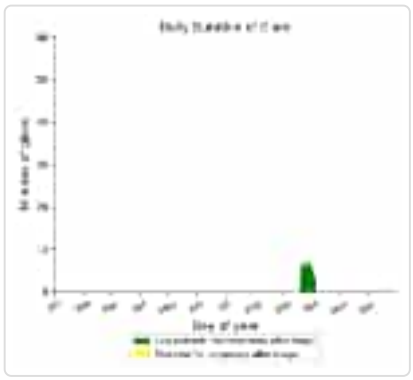


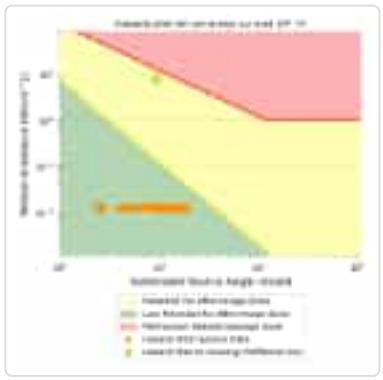
PV array 12: OP 74

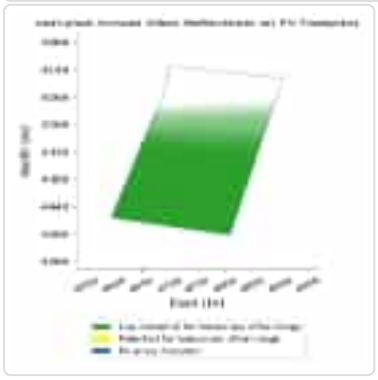
PV array is expected to produce the following glare for this receptor:

- 101 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





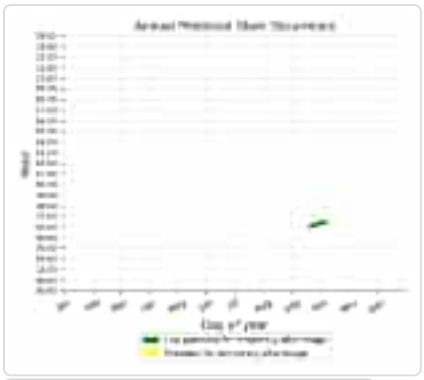


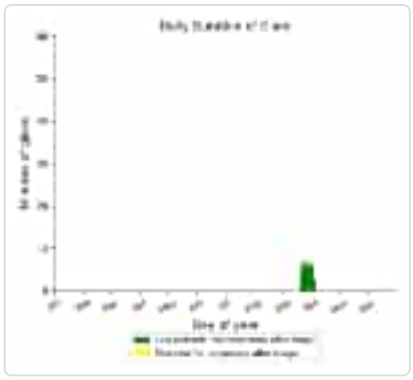


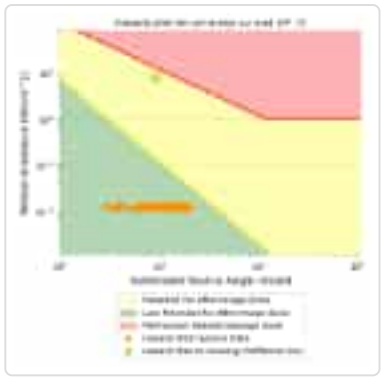
PV array 12: OP 75

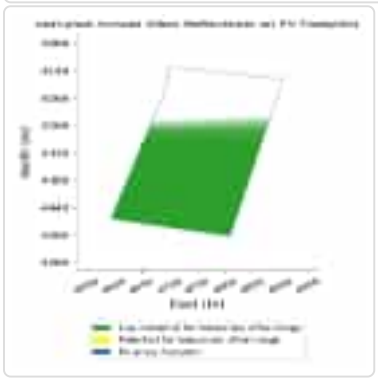
PV array is expected to produce the following glare for this receptor:

- 99 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





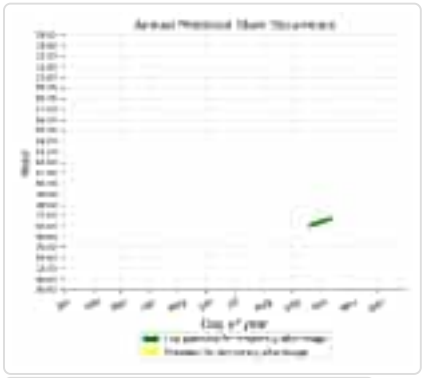


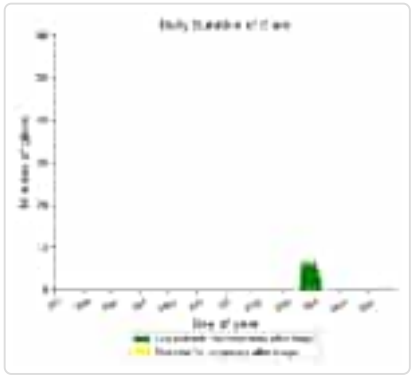


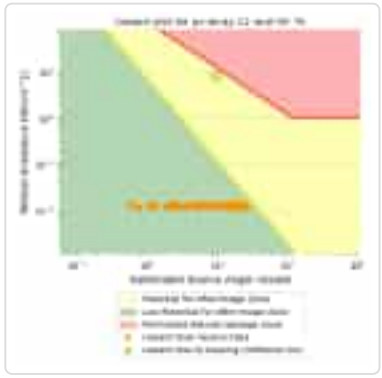
PV array 12: OP 76

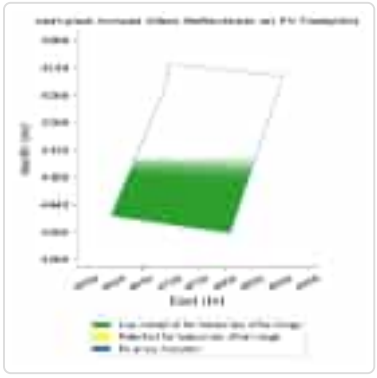
PV array is expected to produce the following glare for this receptor:

- 131 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





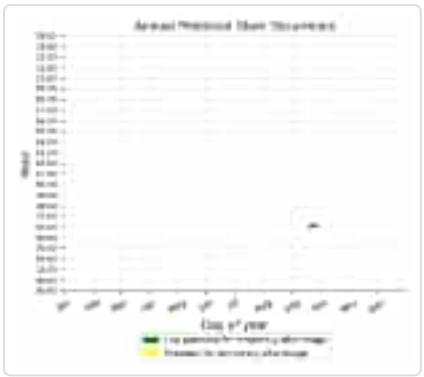


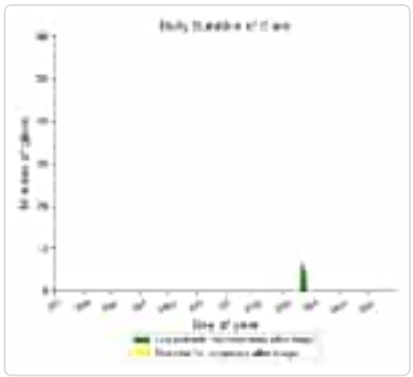


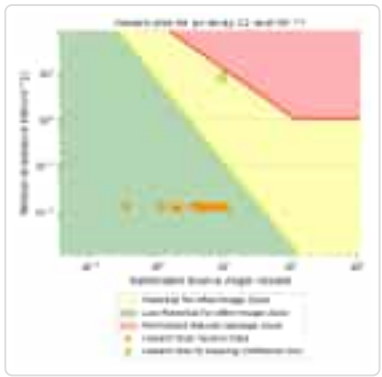
PV array 12: OP 77

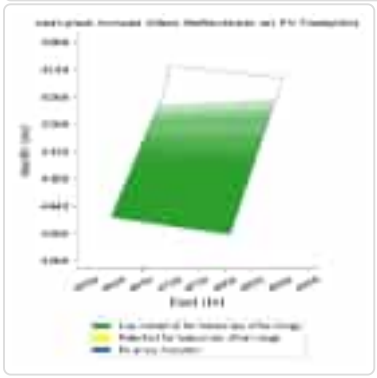
PV array is expected to produce the following glare for this receptor:

- 36 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





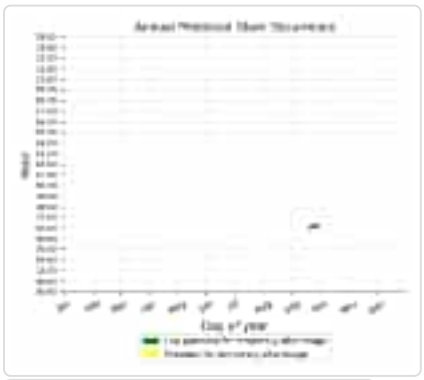


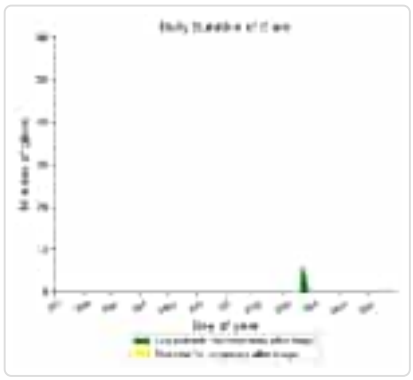


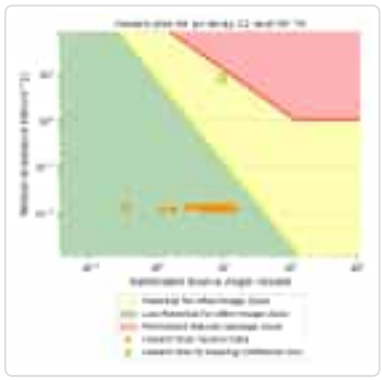
PV array 12: OP 78

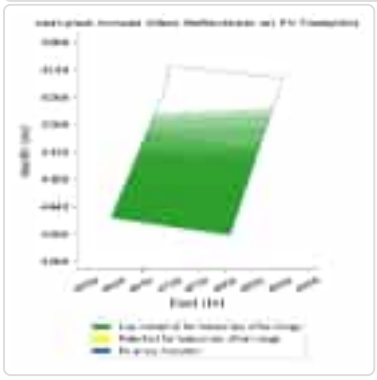
PV array is expected to produce the following glare for this receptor:

- 36 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





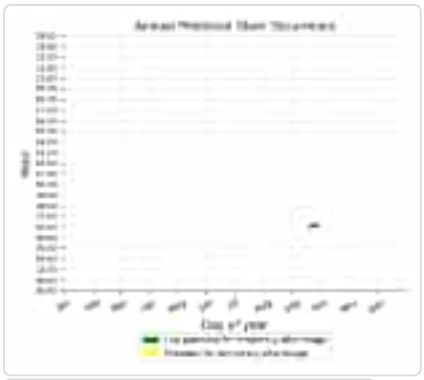


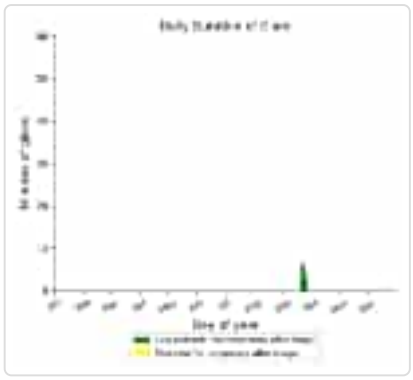


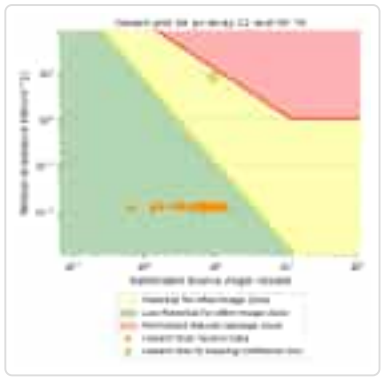
PV array 12: OP 79

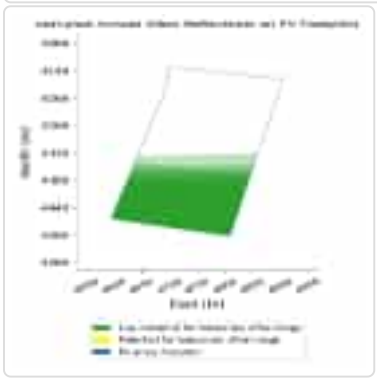
PV array is expected to produce the following glare for this receptor:

- 39 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





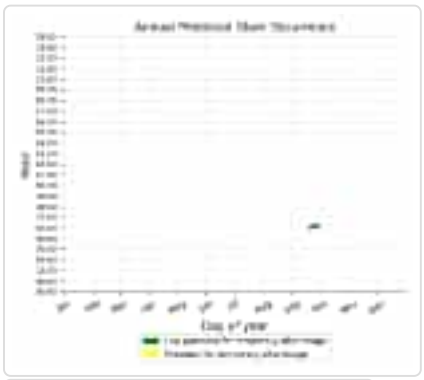


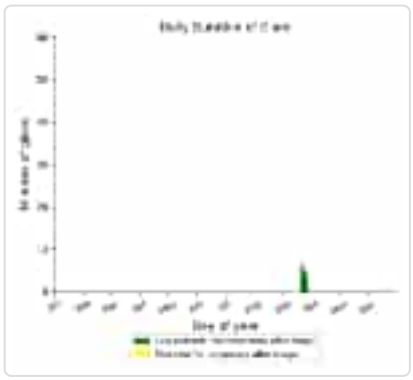


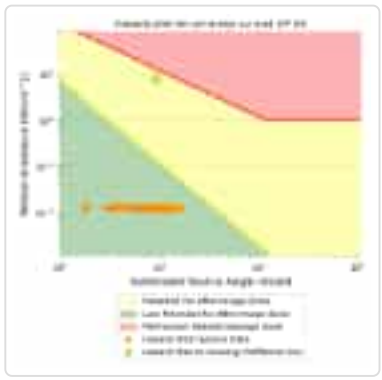
PV array 12: OP 80

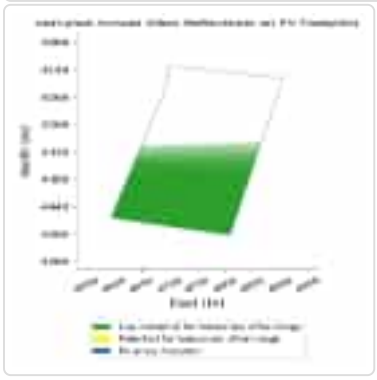
PV array is expected to produce the following glare for this receptor:

- 45 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 13 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0

OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	34	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	147	0
OP: OP 66	118	0
OP: OP 67	102	0
OP: OP 68	107	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	102	0
OP: OP 73	118	0
OP: OP 74	149	0
OP: OP 75	123	0
OP: OP 76	0	0
OP: OP 77	1460	146
OP: OP 78	0	0
OP: OP 79	194	0

OP: OP 80	161	0

PV array 13: OP 1

No glare found

PV array 13: OP 2

No glare found

PV array 13: OP 3

No glare found

PV array 13: OP 4

No glare found

PV array 13: OP 5

No glare found

PV array 13: OP 6

No glare found

PV array 13: OP 7

No glare found

PV array 13: OP 8

No glare found

PV array 13: OP 9

No glare found

PV array 13: OP 10

No glare found

PV array 13: OP 11

No glare found

PV array 13: OP 12

No glare found

PV array 13: OP 13

No glare found

PV array 13: OP 14

No glare found

PV array 13: OP 15

No glare found

PV array 13: OP 16

No glare found

PV array 13: OP 17

No glare found

PV array 13: OP 18

No glare found

PV array 13: OP 19

No glare found

PV array 13: OP 20

No glare found

PV array 13: OP 21

No glare found

PV array 13: OP 22

No glare found

PV array 13: OP 23

No glare found

PV array 13: OP 24

No glare found

PV array 13: OP 25

No glare found

PV array 13: OP 26

No glare found

PV array 13: OP 27

No glare found

PV array 13: OP 28

No glare found

PV array 13: OP 29

No glare found

PV array 13: OP 30

No glare found

PV array 13: OP 31

No glare found

PV array 13: OP 32

No glare found

PV array 13: OP 33

No glare found

PV array 13: OP 34

No glare found

PV array 13: OP 35

No glare found

PV array 13: OP 36

No glare found

PV array 13: OP 37

No glare found

PV array 13: OP 38

No glare found

PV array 13: OP 39

No glare found

PV array 13: OP 40

No glare found

PV array 13: OP 41

No glare found

PV array 13: OP 42

No glare found

PV array 13: OP 43

No glare found

PV array 13: OP 44

No glare found

PV array 13: OP 45

No glare found

PV array 13: OP 46

No glare found

PV array 13: OP 47

No glare found

PV array 13: OP 48

No glare found

PV array 13: OP 49

No glare found

PV array 13: OP 50

No glare found

PV array 13: OP 51

No glare found

PV array 13: OP 52

No glare found

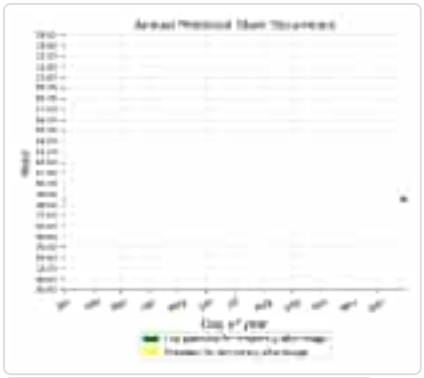
PV array 13: OP 53

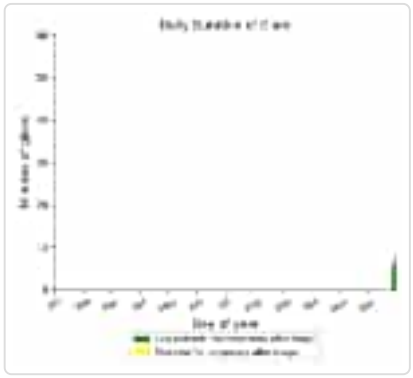
No glare found

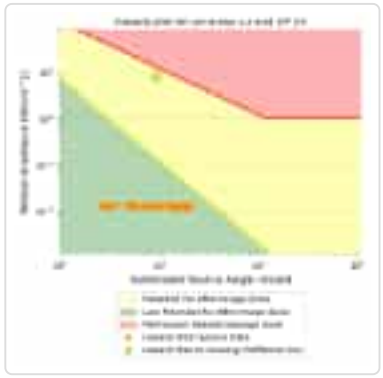
PV array 13: OP 54

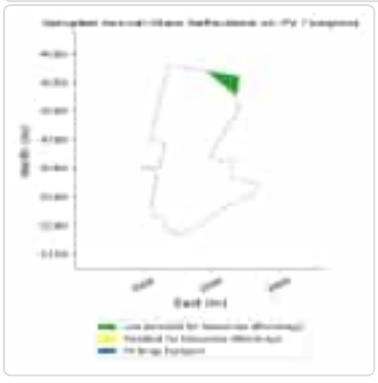
PV array is expected to produce the following glare for this receptor:

- 34 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 13: OP 55

No glare found

PV array 13: OP 56

No glare found

PV array 13: OP 57

No glare found

PV array 13: OP 58

No glare found

PV array 13: OP 59

No glare found

PV array 13: OP 60

No glare found

PV array 13: OP 61

No glare found

PV array 13: OP 62

No glare found

PV array 13: OP 63

No glare found

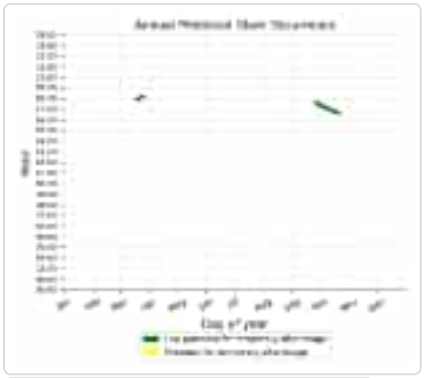
PV array 13: OP 64

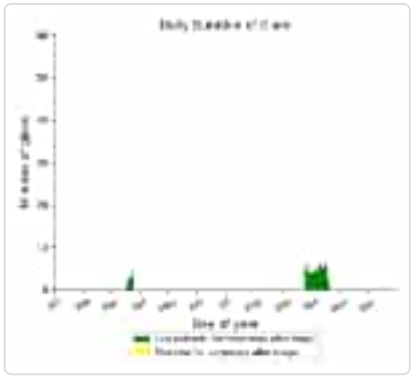
No glare found

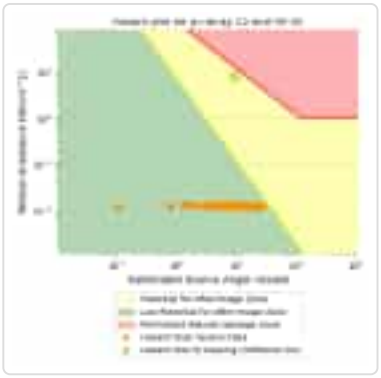
PV array 13: OP 65

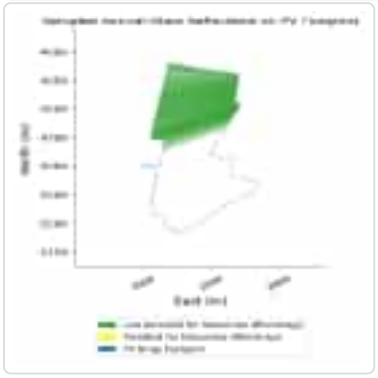
PV array is expected to produce the following glare for this receptor:

- 147 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





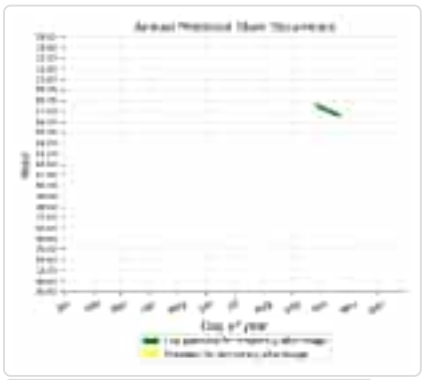


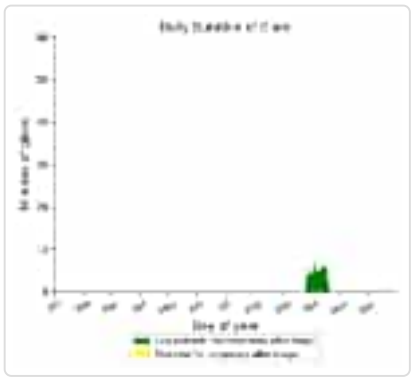


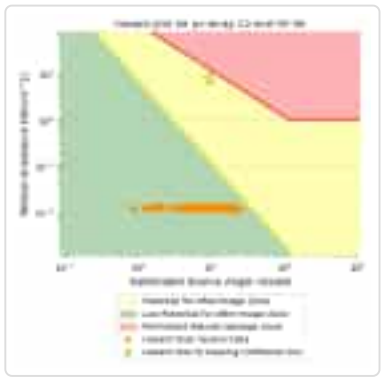
PV array 13: OP 66

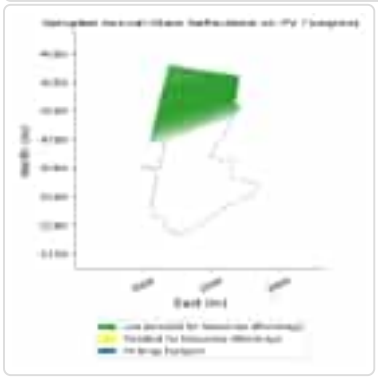
PV array is expected to produce the following glare for this receptor:

- 118 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





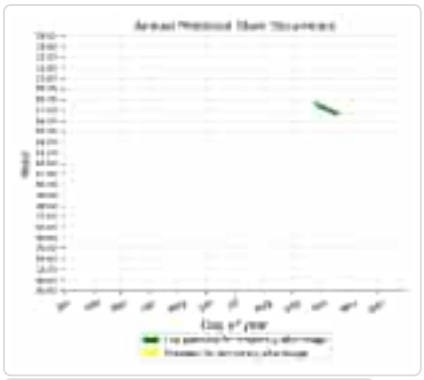


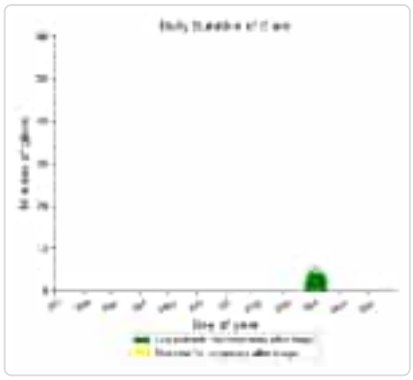


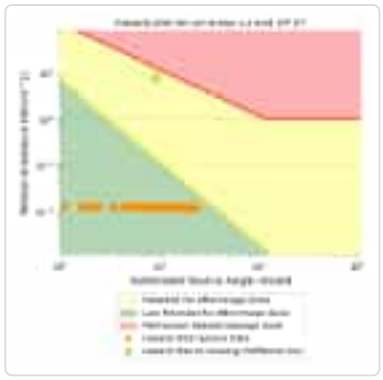
PV array 13: OP 67

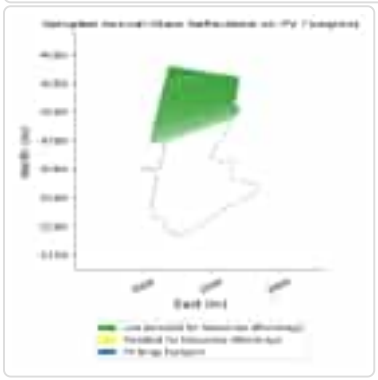
PV array is expected to produce the following glare for this receptor:

- 102 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





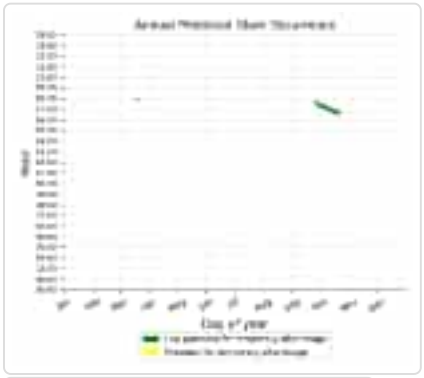


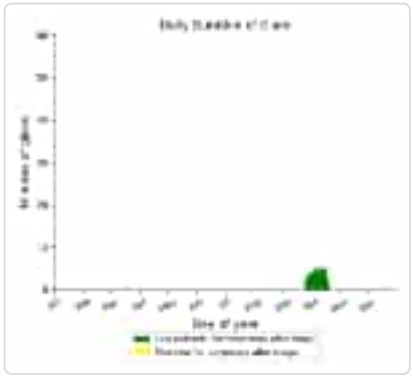


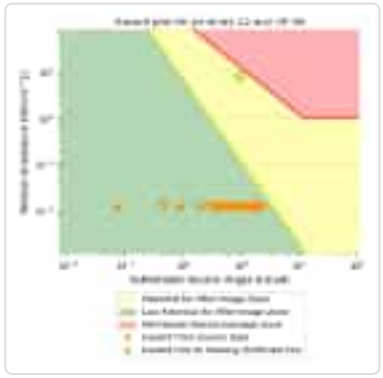
PV array 13: OP 68

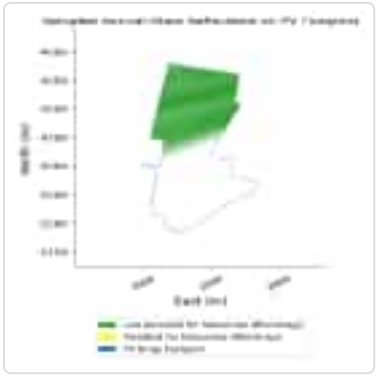
PV array is expected to produce the following glare for this receptor:

- 107 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 13: OP 69

No glare found

PV array 13: OP 70

No glare found

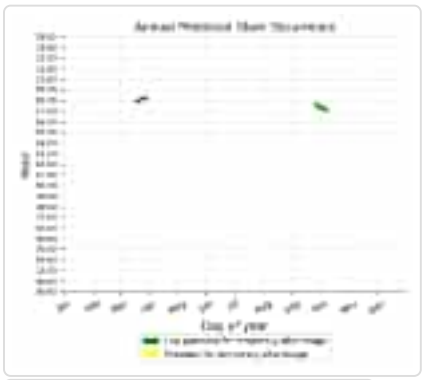
PV array 13: OP 71

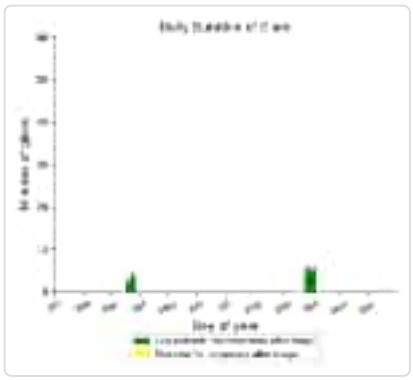
No glare found

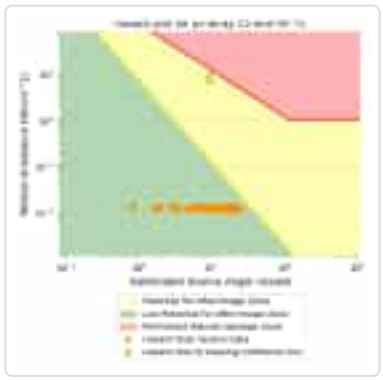
PV array 13: OP 72

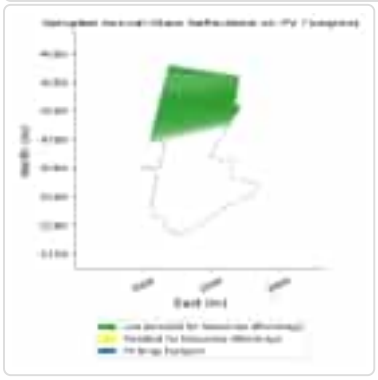
PV array is expected to produce the following glare for this receptor:

- 102 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





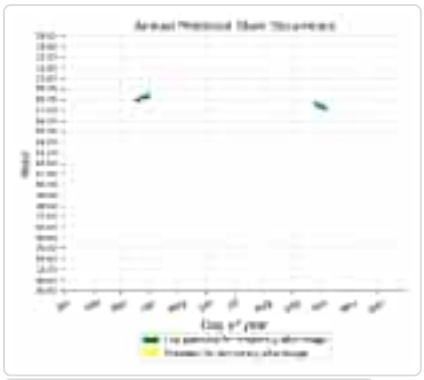


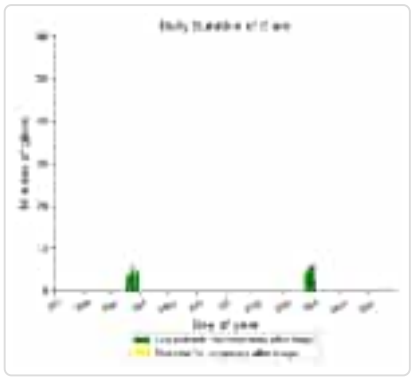


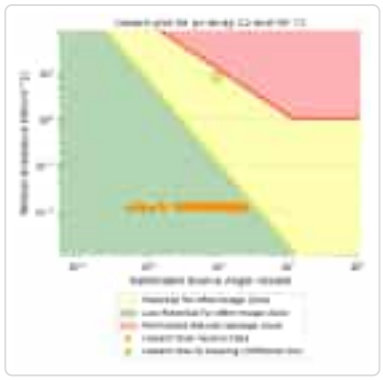
PV array 13: OP 73

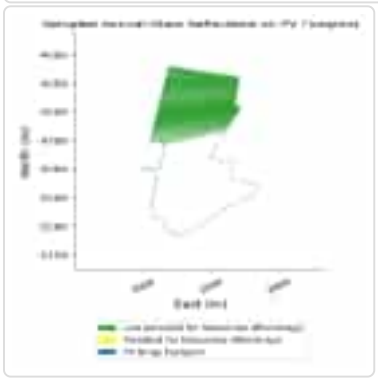
PV array is expected to produce the following glare for this receptor:

- 118 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





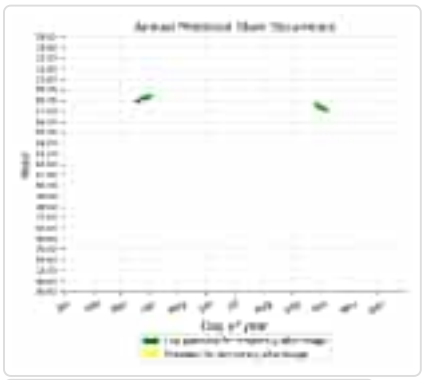


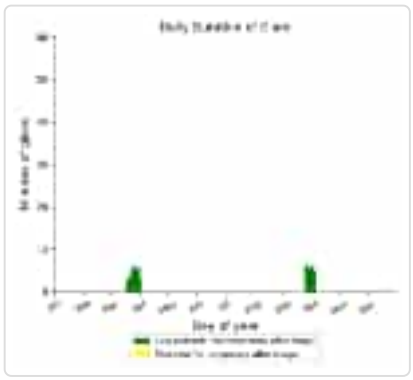


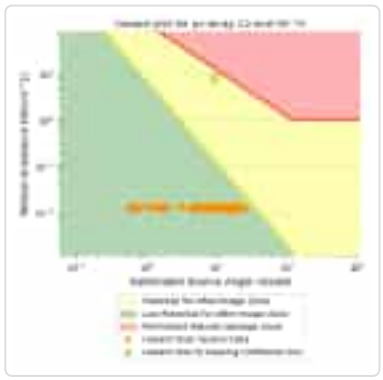
PV array 13: OP 74

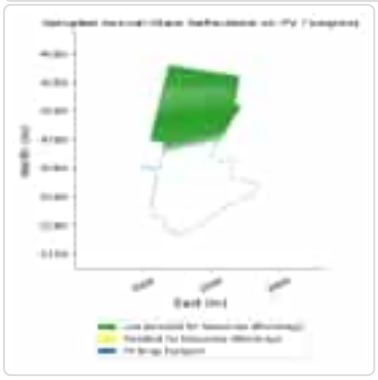
PV array is expected to produce the following glare for this receptor:

- 149 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





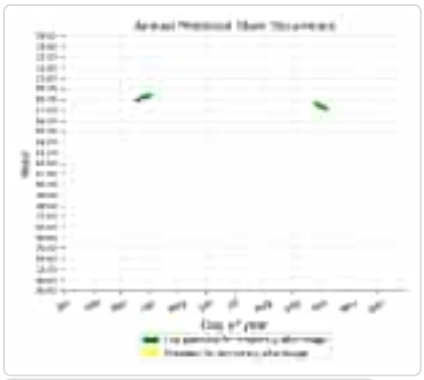


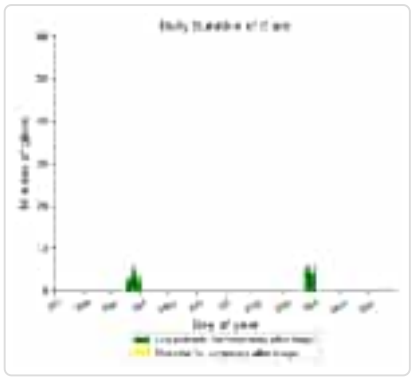


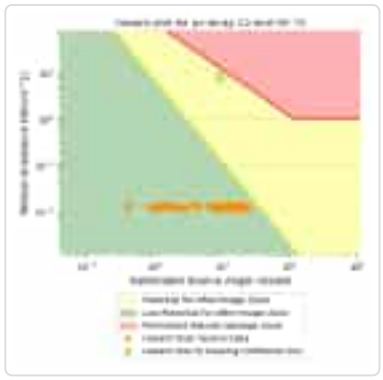
PV array 13: OP 75

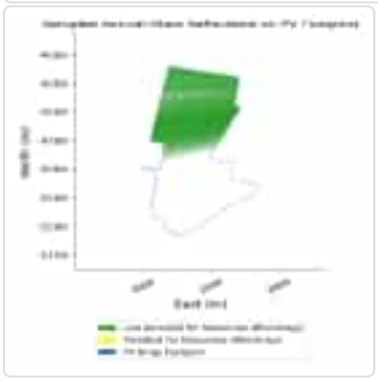
PV array is expected to produce the following glare for this receptor:

- 123 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









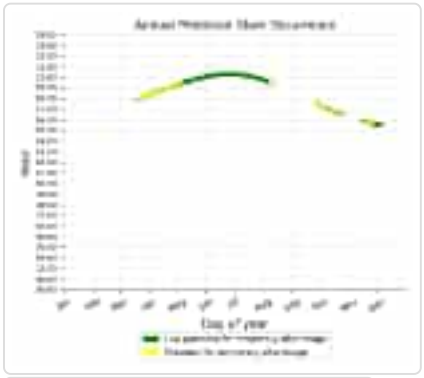
PV array 13: OP 76

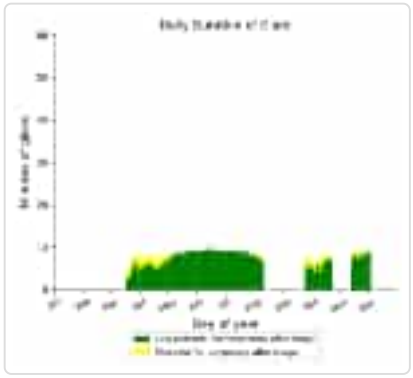
No glare found

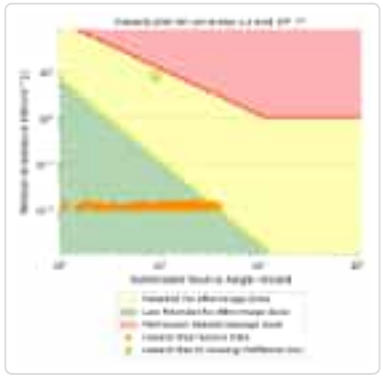
PV array 13: OP 77

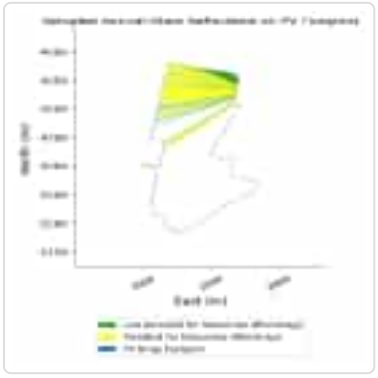
PV array is expected to produce the following glare for this receptor:

- 1,460 minutes of "green" glare with low potential to cause temporary after-image.
- 146 minutes of "yellow" glare with potential to cause temporary after-image.









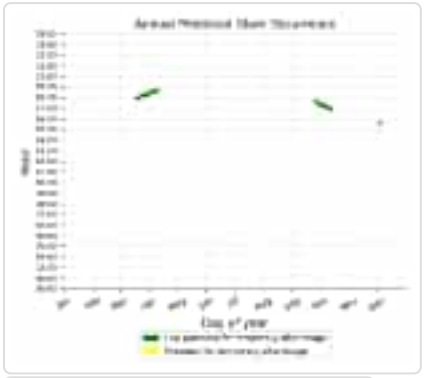
PV array 13: OP 78

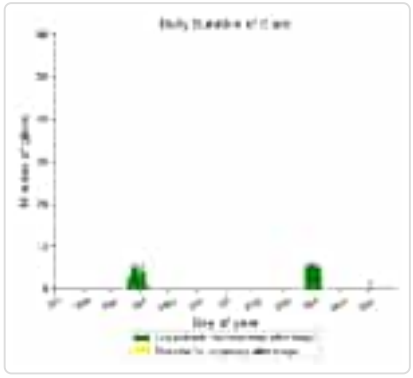
No glare found

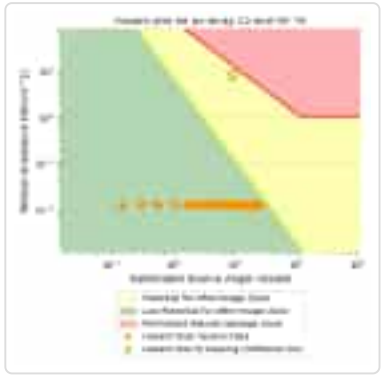
PV array 13: OP 79

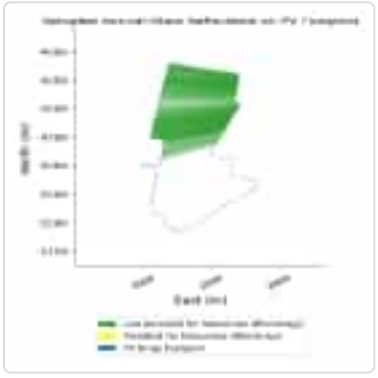
PV array is expected to produce the following glare for this receptor:

- 194 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





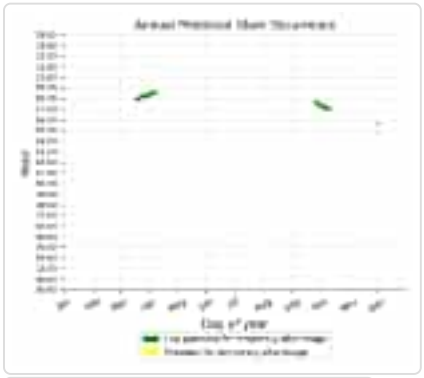


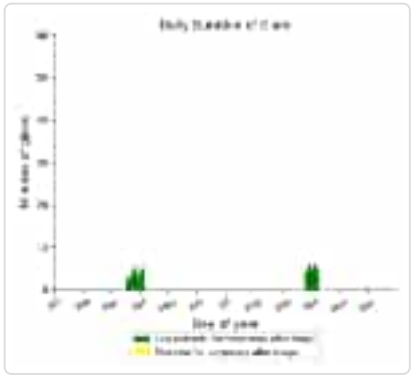


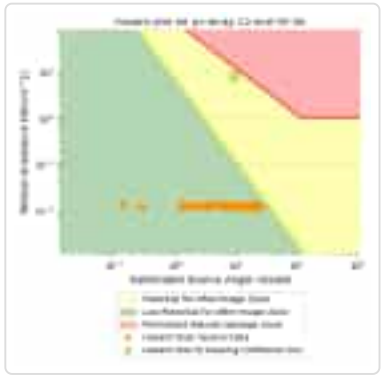
PV array 13: OP 80

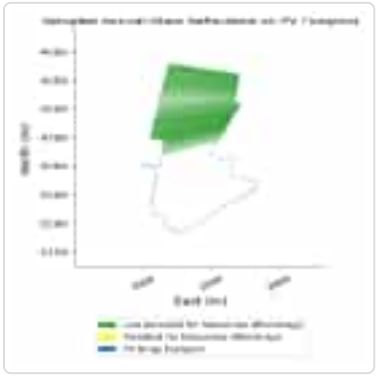
PV array is expected to produce the following glare for this receptor:

- 161 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	484	0
OP: OP 5	488	0
OP: OP 6	479	0
OP: OP 7	112	0
OP: OP 8	178	0
OP: OP 9	217	0
OP: OP 10	105	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0

OP: OP 26	0	0
OP: OP 27	75	0
OP: OP 28	91	0
OP: OP 29	0	0
OP: OP 30	236	0
OP: OP 31	438	0
OP: OP 32	381	0
OP: OP 33	474	0
OP: OP 34	494	0
OP: OP 35	475	0
OP: OP 36	443	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	135	0
OP: OP 42	207	0
OP: OP 43	197	0
OP: OP 44	200	0
OP: OP 45	209	0
OP: OP 46	189	0
OP: OP 47	207	0
OP: OP 48	203	0
OP: OP 49	198	0
OP: OP 50	214	0
OP: OP 51	258	0
OP: OP 52	344	0
OP: OP 53	390	0
OP: OP 54	510	0
OP: OP 55	521	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	450	0
OP: OP 62	332	0
OP: OP 63	772	0
OP: OP 64	899	0
OP: OP 65	692	0
OP: OP 66	537	0
OP: OP 67	482	0
OP: OP 68	392	0
OP: OP 69	121	0
OP: OP 70	123	0
OP: OP 71	168	0
OP: OP 72	437	0
OP: OP 73	386	0
OP: OP 74	329	0
OP: OP 75	313	0
OP: OP 76	209	0
OP: OP 77	790	0
OP: OP 78	1279	0
OP: OP 79	487	0

OP: OP 80	505	0

PV array 14: OP 1

No glare found

PV array 14: OP 2

No glare found

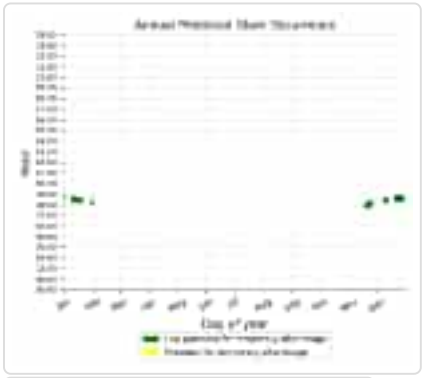
PV array 14: OP 3

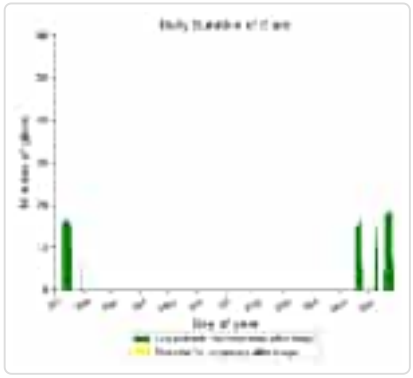
No glare found

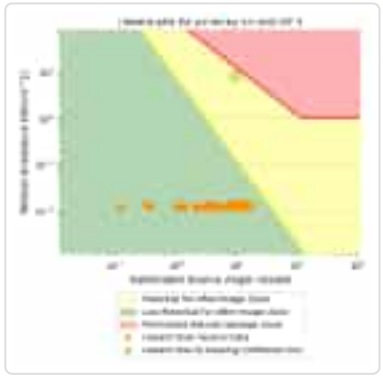
PV array 14: OP 4

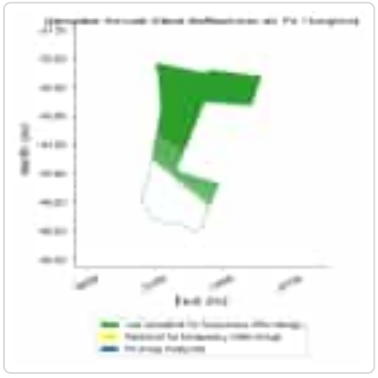
PV array is expected to produce the following glare for this receptor:

- 484 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





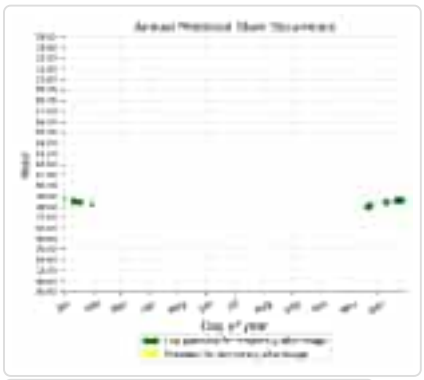


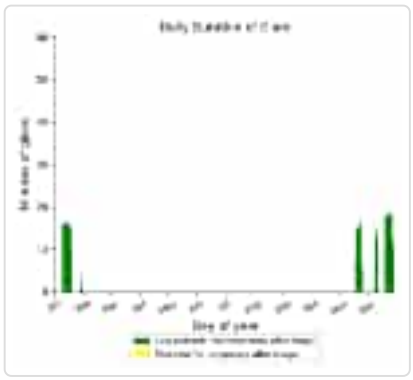


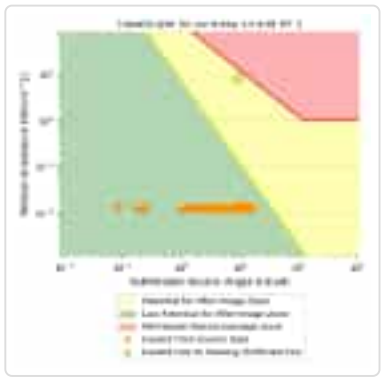
PV array 14: OP 5

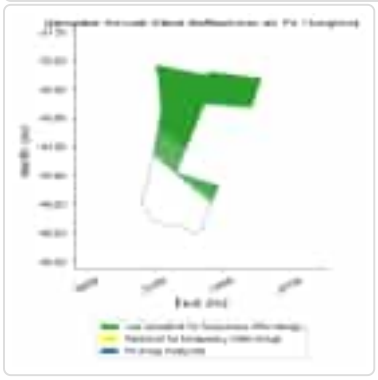
PV array is expected to produce the following glare for this receptor:

- 488 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





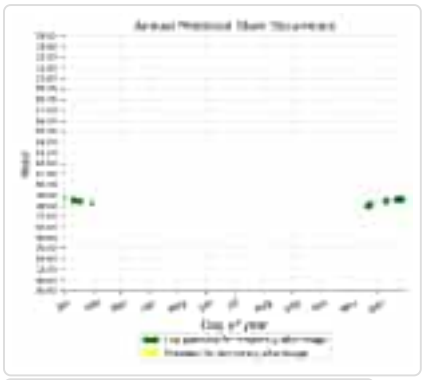


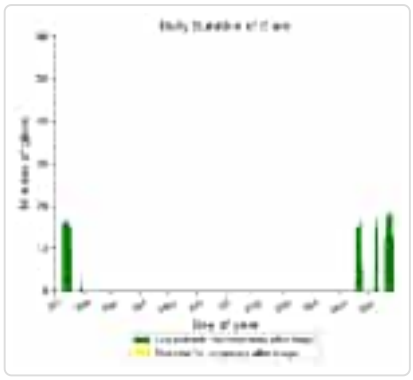


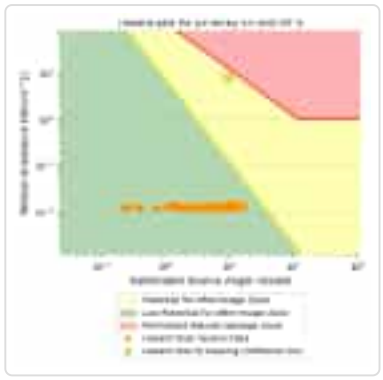
PV array 14: OP 6

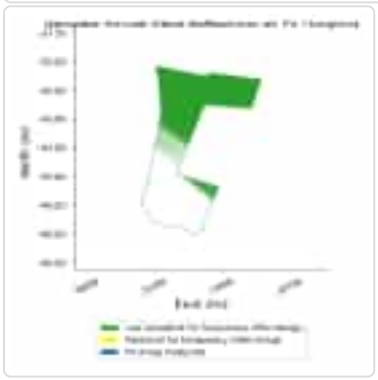
PV array is expected to produce the following glare for this receptor:

- 479 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





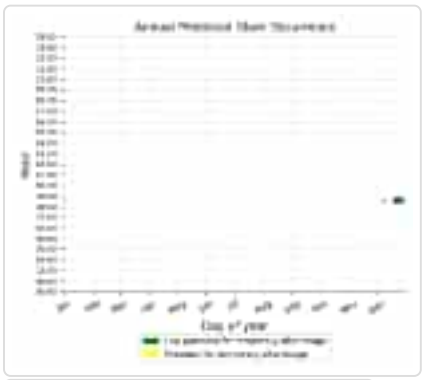


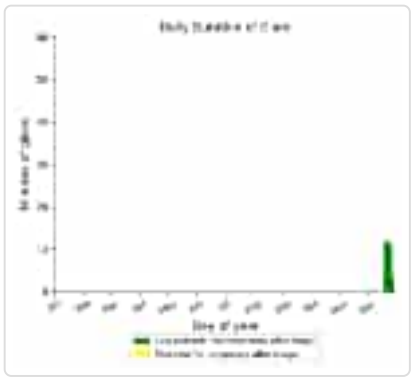


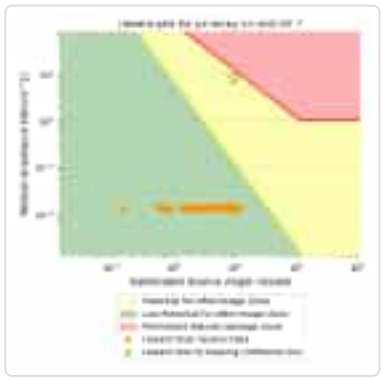
PV array 14: OP 7

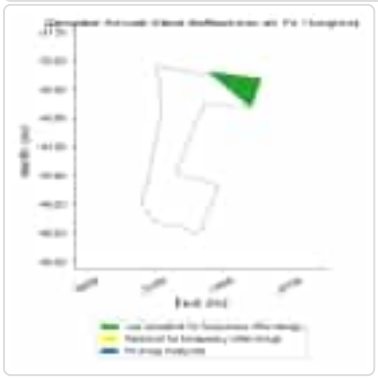
PV array is expected to produce the following glare for this receptor:

- 112 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





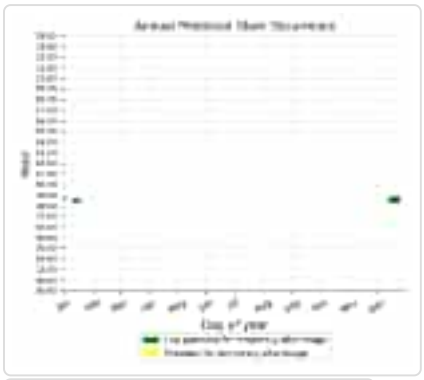


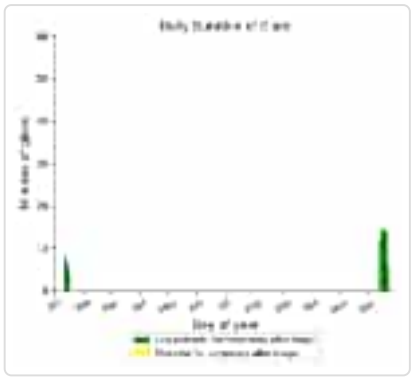


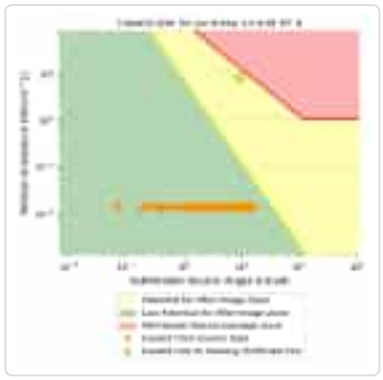
PV array 14: OP 8

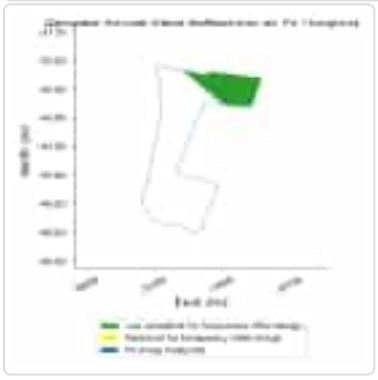
PV array is expected to produce the following glare for this receptor:

- 178 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





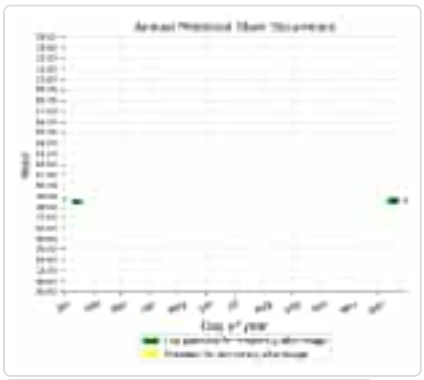


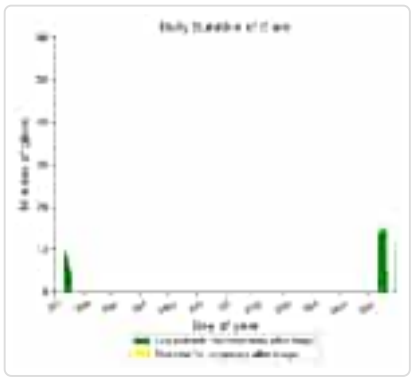


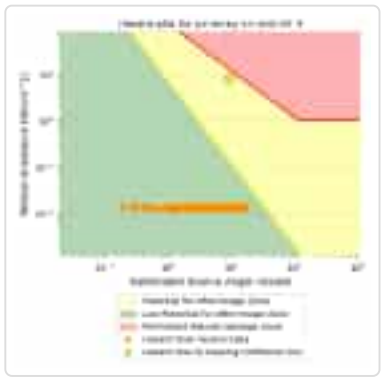
PV array 14: OP 9

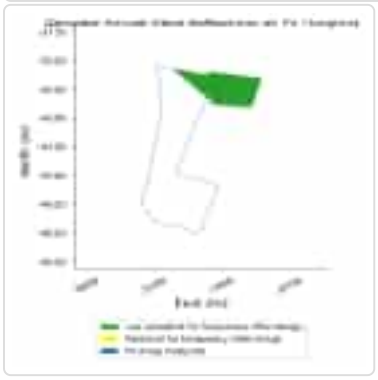
PV array is expected to produce the following glare for this receptor:

- 217 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





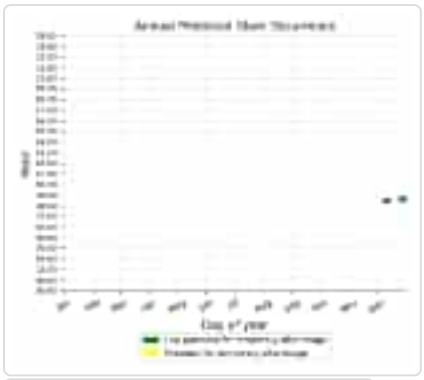


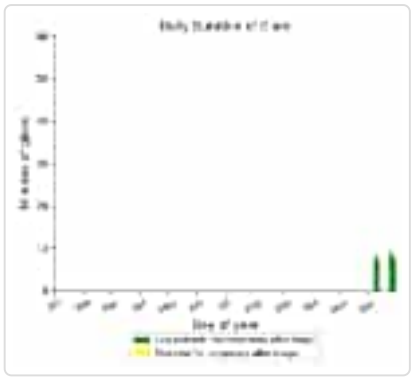


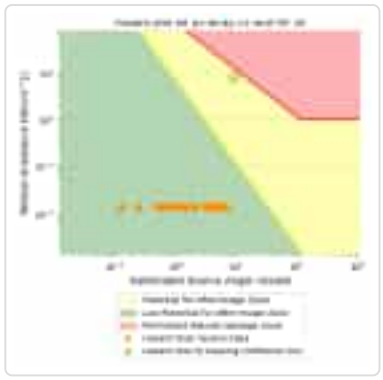
PV array 14: OP 10

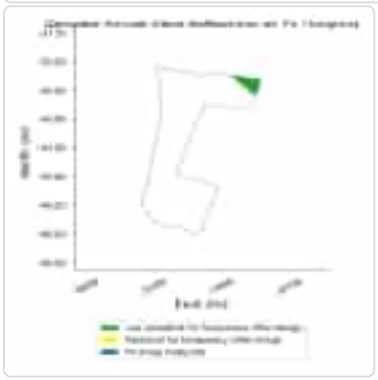
PV array is expected to produce the following glare for this receptor:

- 105 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14: OP 11

No glare found

PV array 14: OP 12

No glare found

PV array 14: OP 13

No glare found

PV array 14: OP 14

No glare found

PV array 14: OP 15

No glare found

PV array 14: OP 16

No glare found

PV array 14: OP 17

No glare found

PV array 14: OP 18

No glare found

PV array 14: OP 19

No glare found

PV array 14: OP 20

No glare found

PV array 14: OP 21

No glare found

PV array 14: OP 22

No glare found

PV array 14: OP 23

No glare found

PV array 14: OP 24

No glare found

PV array 14: OP 25

No glare found

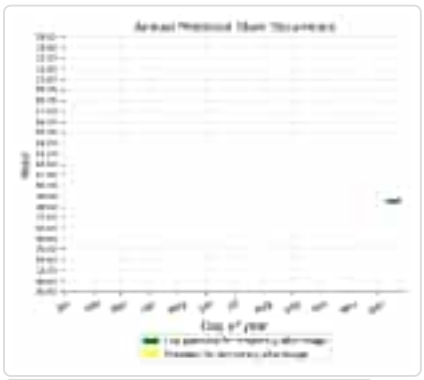
PV array 14: OP 26

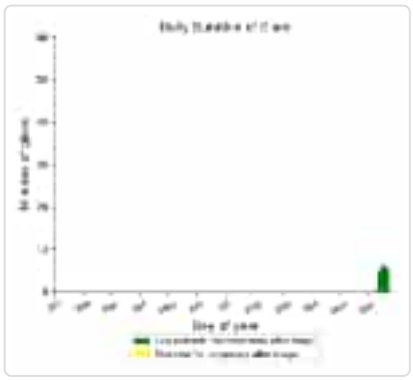
No glare found

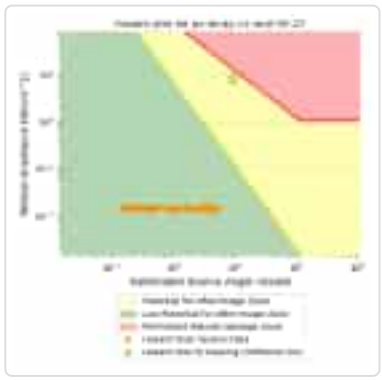
PV array 14: OP 27

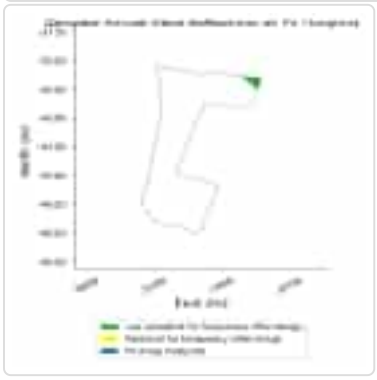
PV array is expected to produce the following glare for this receptor:

- 75 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





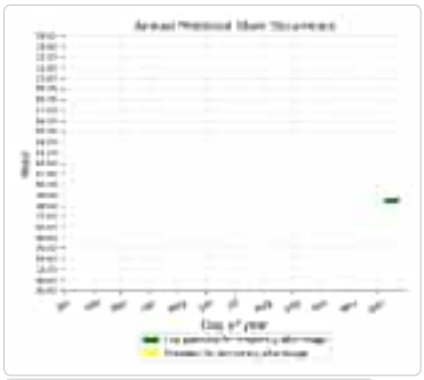


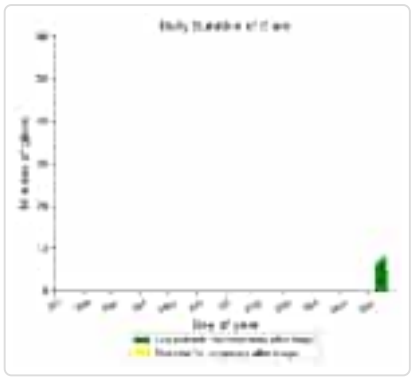


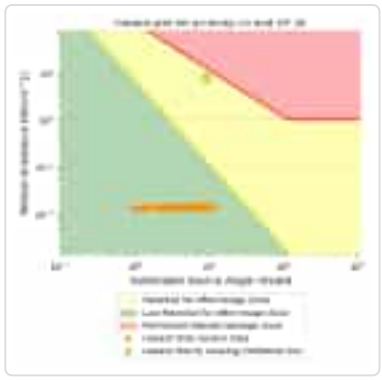
PV array 14: OP 28

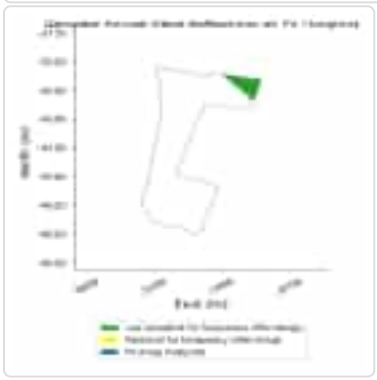
PV array is expected to produce the following glare for this receptor:

- 91 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









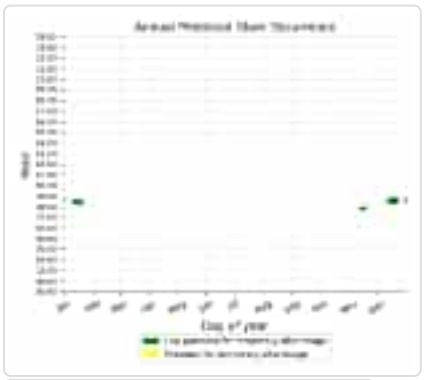
PV array 14: OP 29

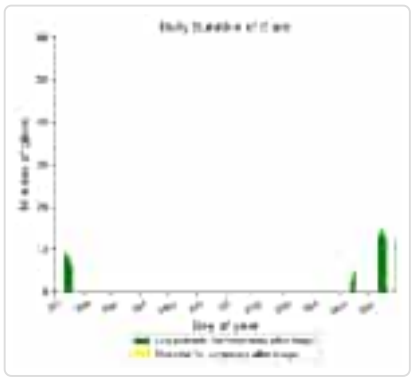
No glare found

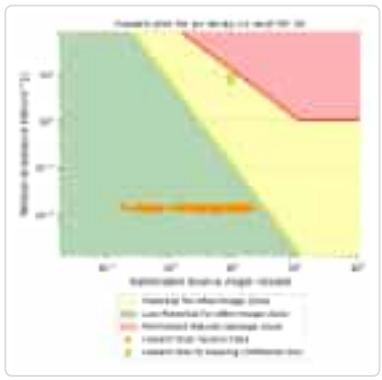
PV array 14: OP 30

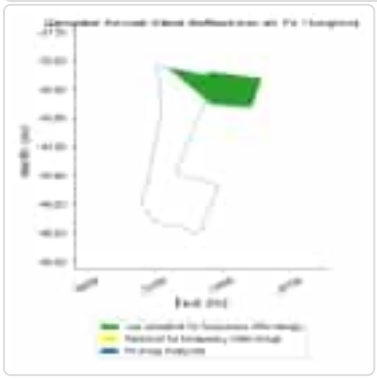
PV array is expected to produce the following glare for this receptor:

- 236 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





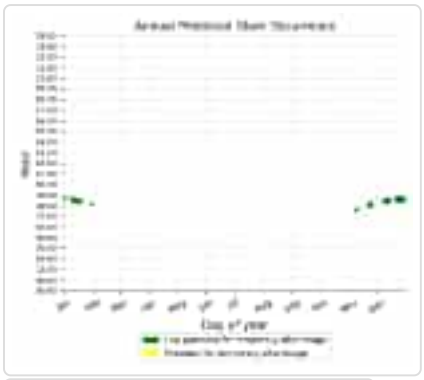


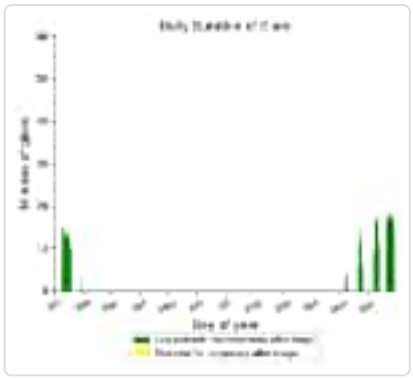


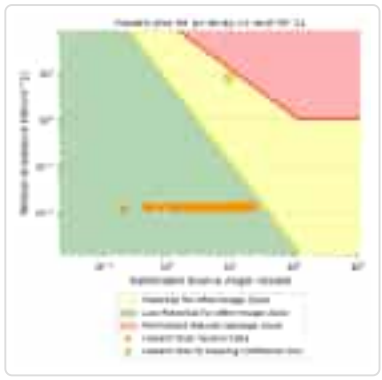
PV array 14: OP 31

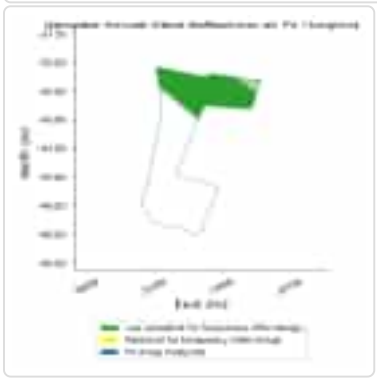
PV array is expected to produce the following glare for this receptor:

- 438 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





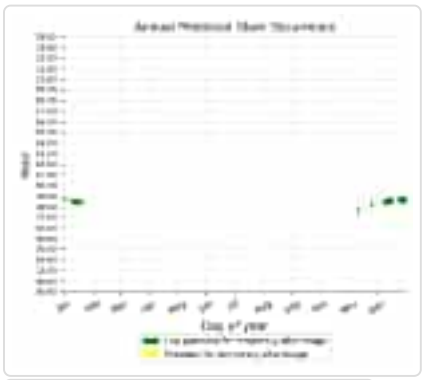


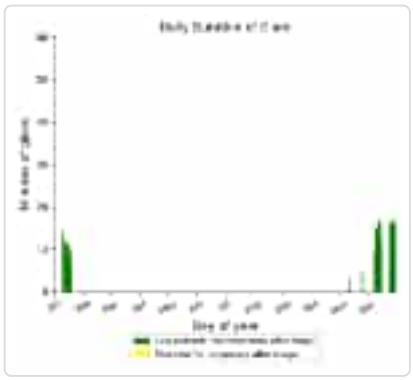


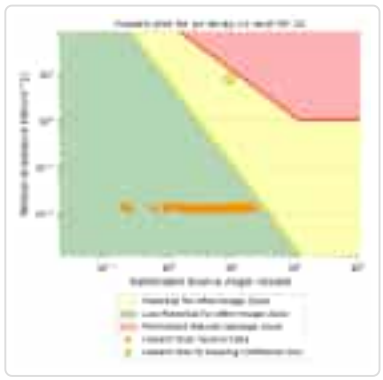
PV array 14: OP 32

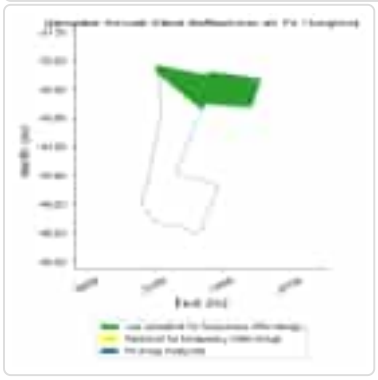
PV array is expected to produce the following glare for this receptor:

- 381 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





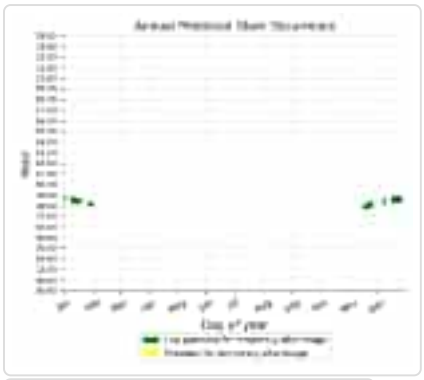


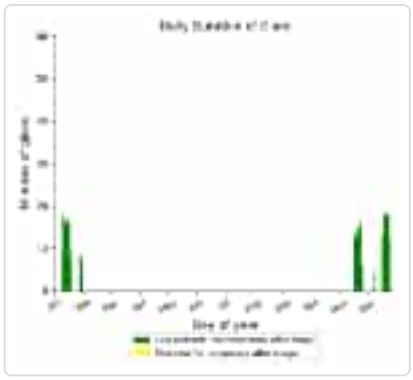


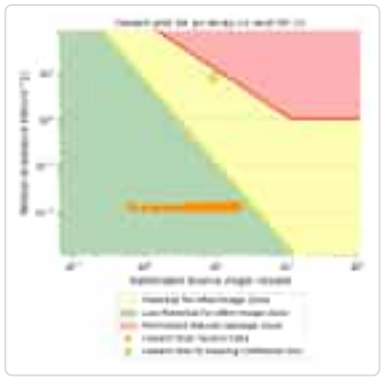
PV array 14: OP 33

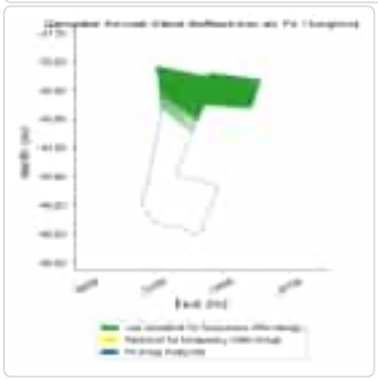
PV array is expected to produce the following glare for this receptor:

- 474 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





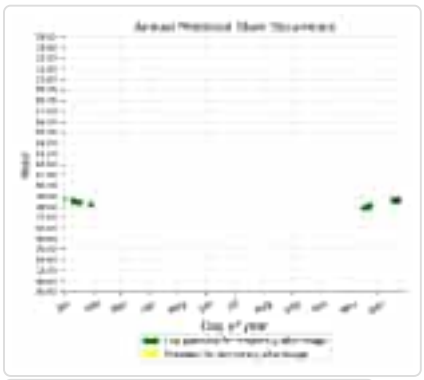


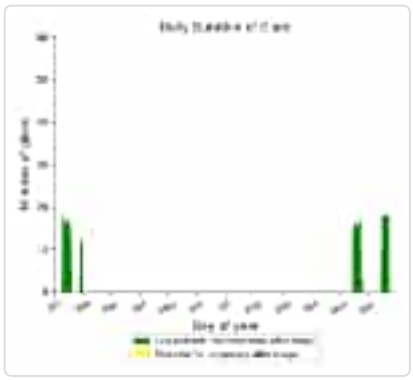


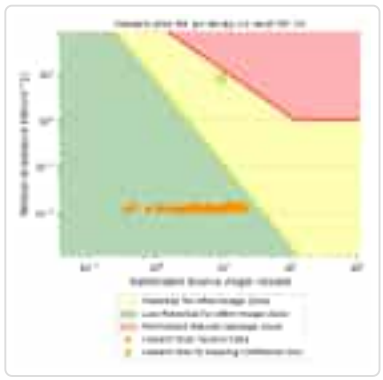
PV array 14: OP 34

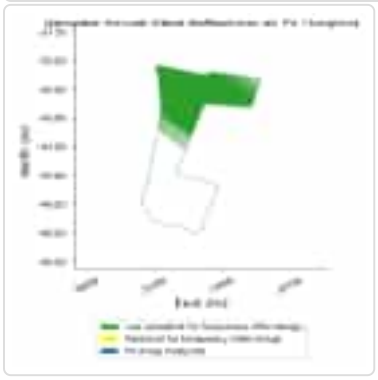
PV array is expected to produce the following glare for this receptor:

- 494 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





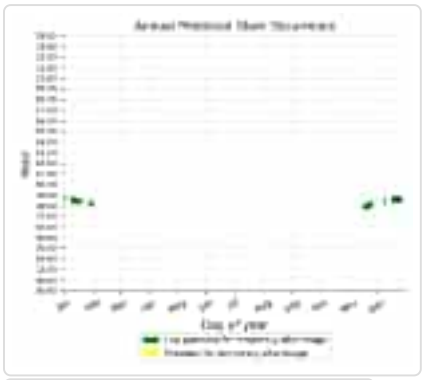


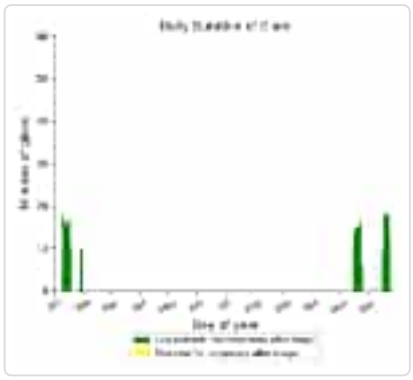


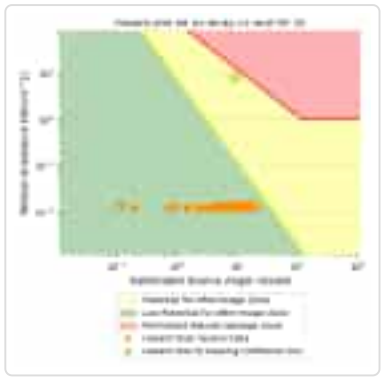
PV array 14: OP 35

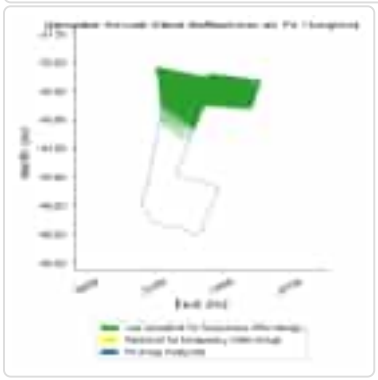
PV array is expected to produce the following glare for this receptor:

- 475 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





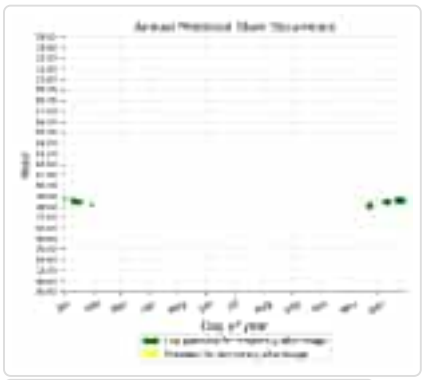


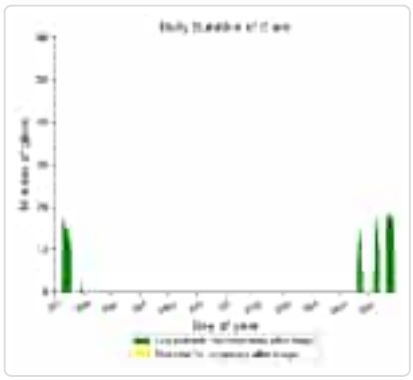


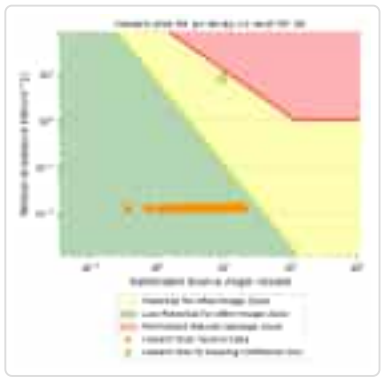
PV array 14: OP 36

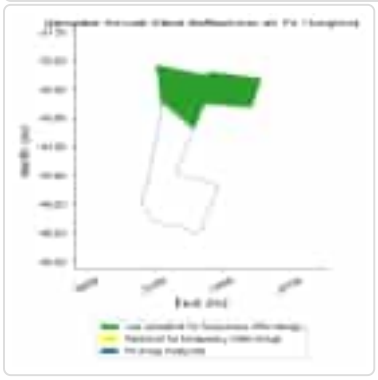
PV array is expected to produce the following glare for this receptor:

- 443 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14: OP 37

No glare found

PV array 14: OP 38

No glare found

PV array 14: OP 39

No glare found

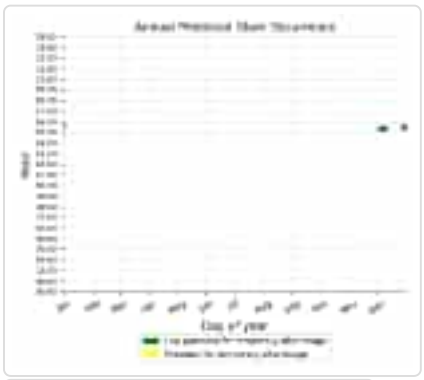
PV array 14: OP 40

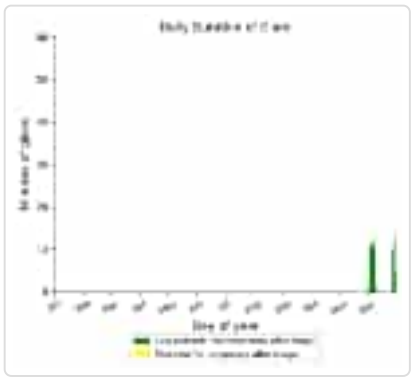
No glare found

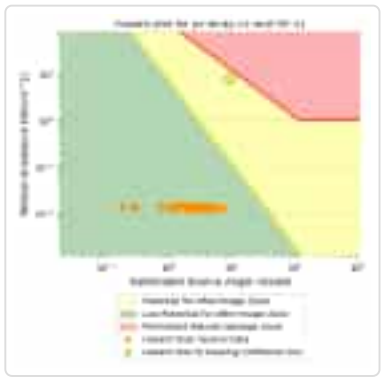
PV array 14: OP 41

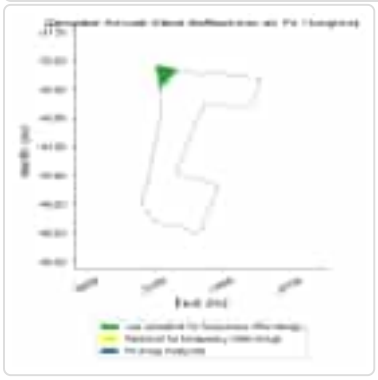
PV array is expected to produce the following glare for this receptor:

- 135 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





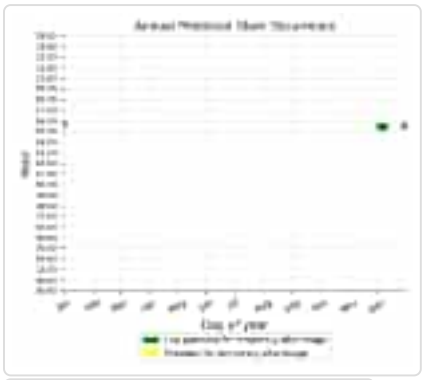


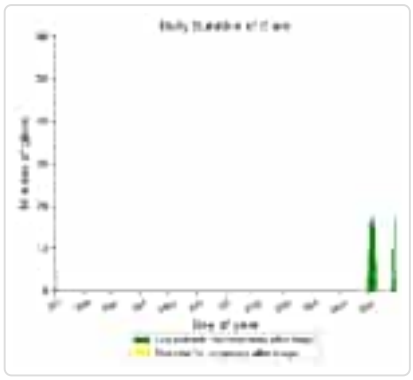


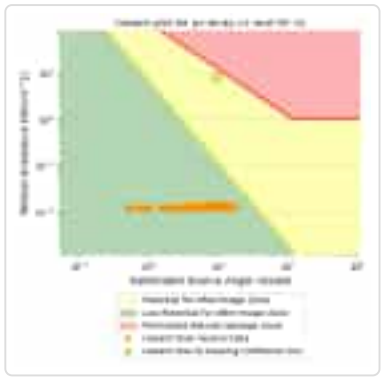
PV array 14: OP 42

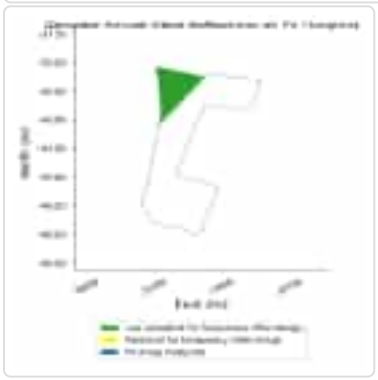
PV array is expected to produce the following glare for this receptor:

- 207 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





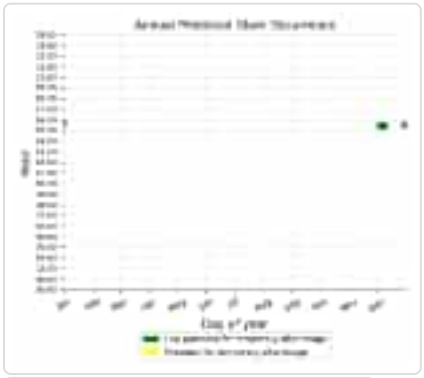


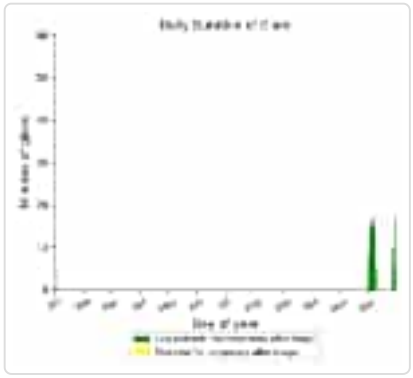


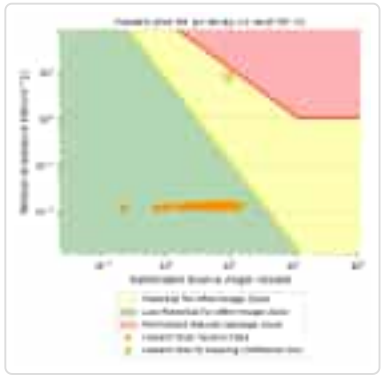
PV array 14: OP 43

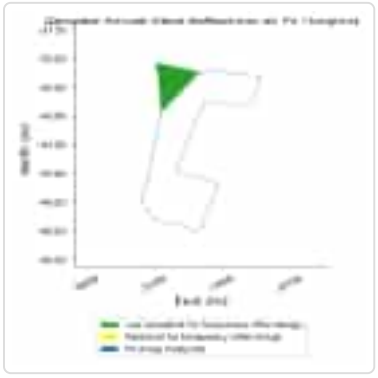
PV array is expected to produce the following glare for this receptor:

- 197 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





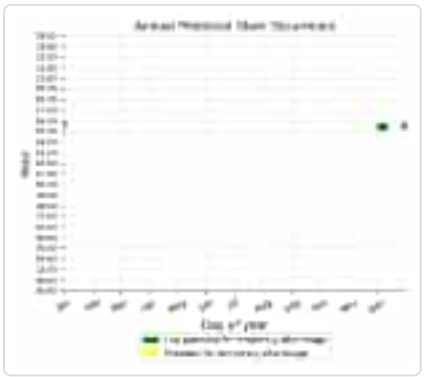


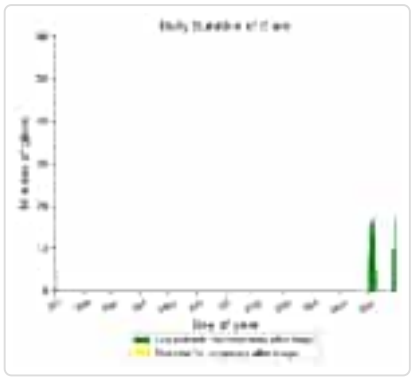


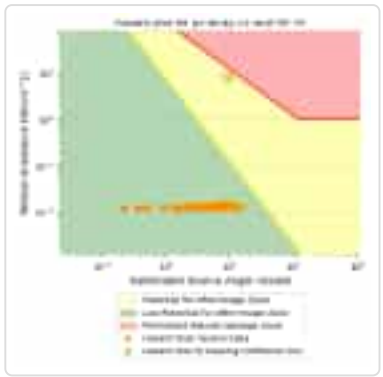
PV array 14: OP 44

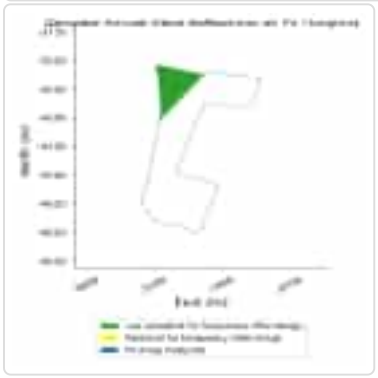
PV array is expected to produce the following glare for this receptor:

- 200 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





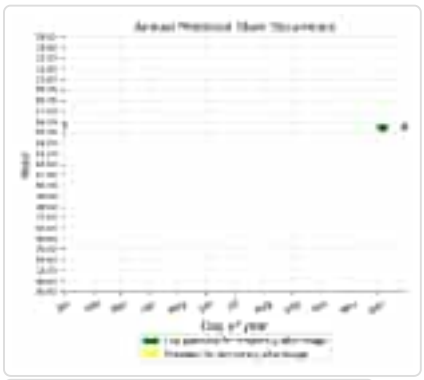


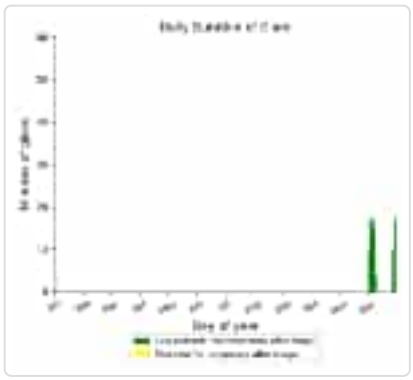


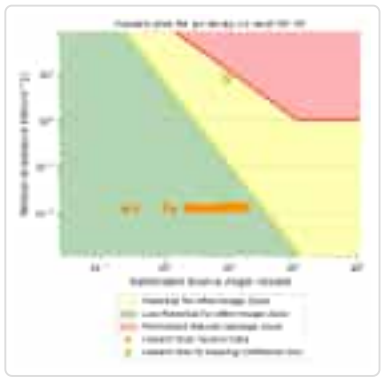
PV array 14: OP 45

PV array is expected to produce the following glare for this receptor:

- 209 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



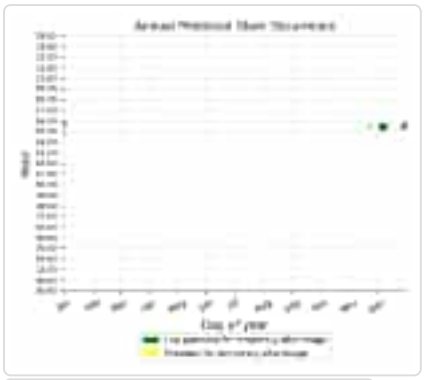


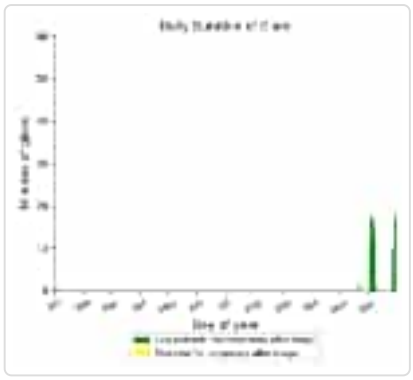


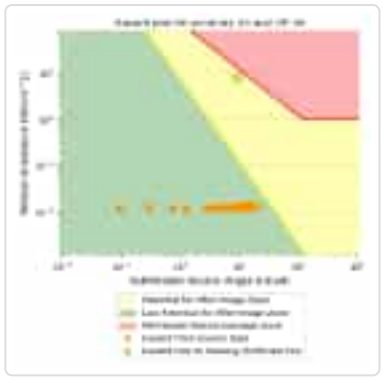
PV array 14: OP 46

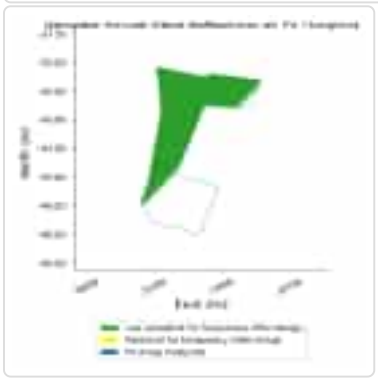
PV array is expected to produce the following glare for this receptor:

- 189 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





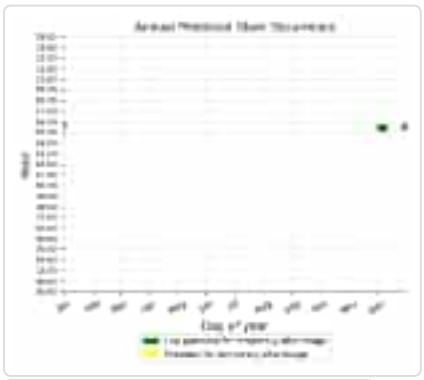


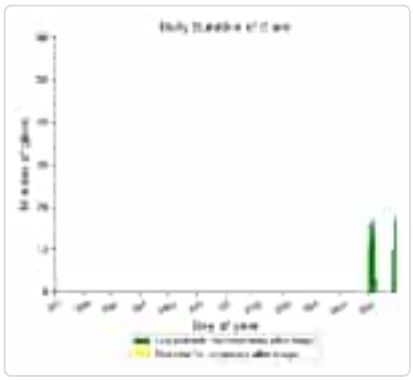


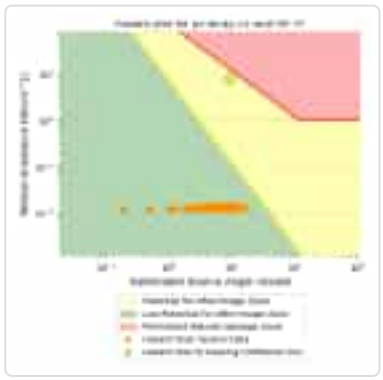
PV array 14: OP 47

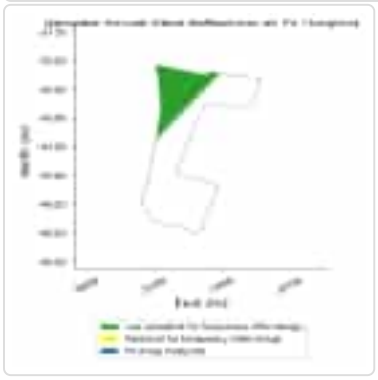
PV array is expected to produce the following glare for this receptor:

- 207 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





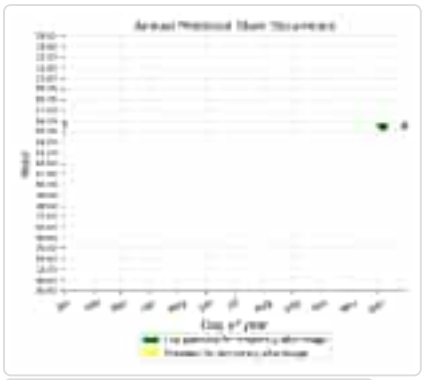


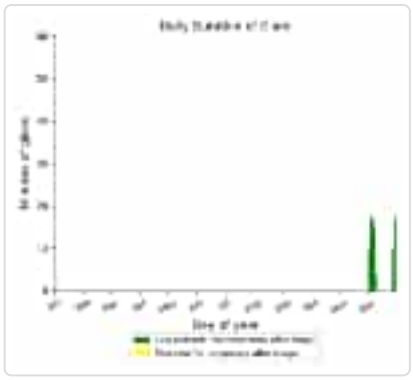


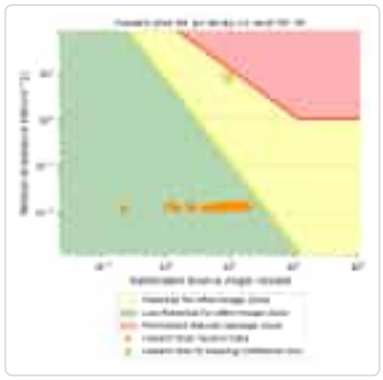
PV array 14: OP 48

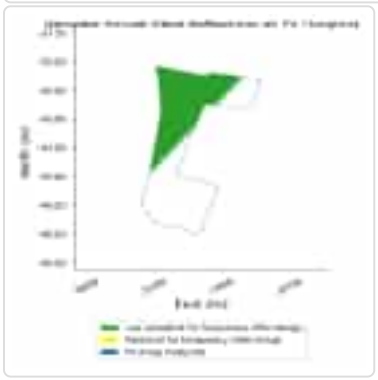
PV array is expected to produce the following glare for this receptor:

- 203 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





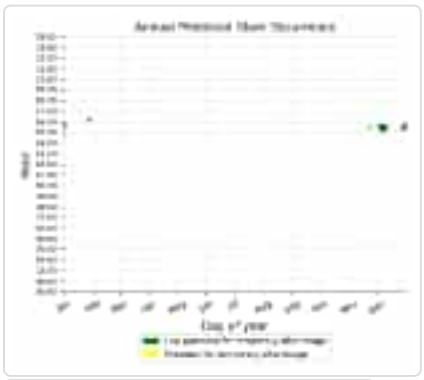


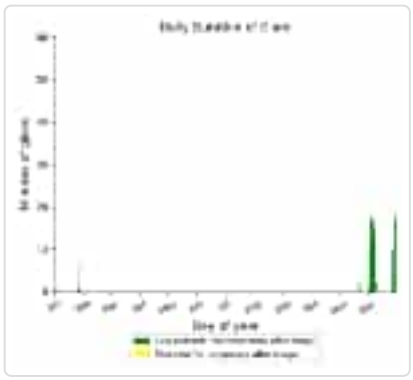


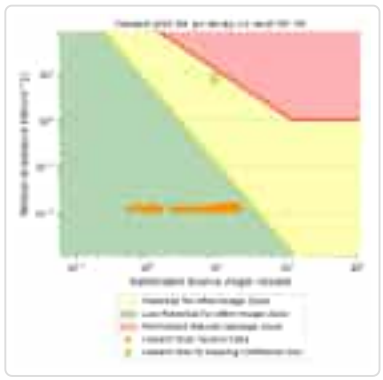
PV array 14: OP 49

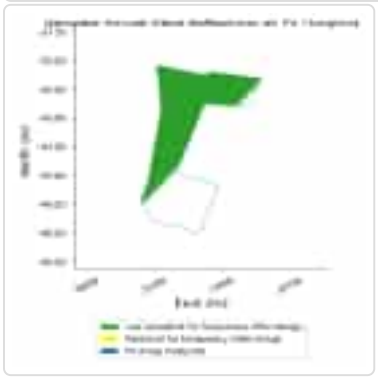
PV array is expected to produce the following glare for this receptor:

- 198 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





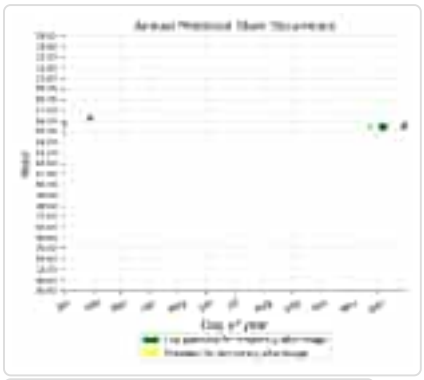


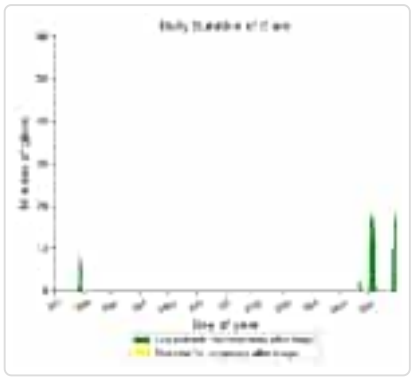


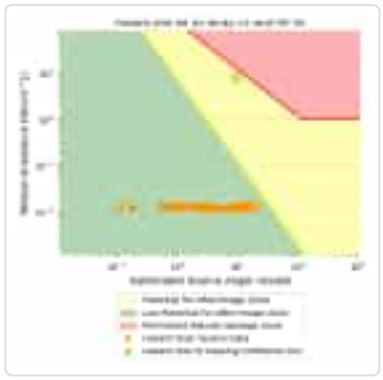
PV array 14: OP 50

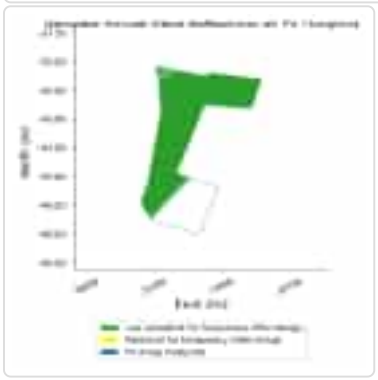
PV array is expected to produce the following glare for this receptor:

- 214 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





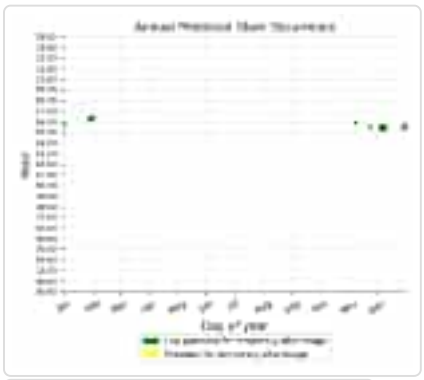


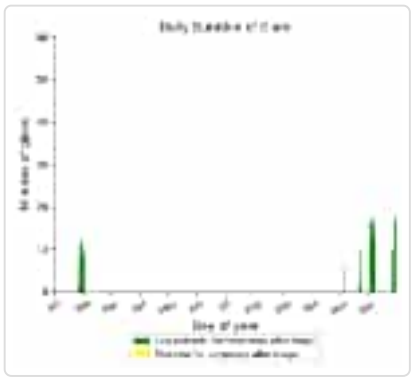


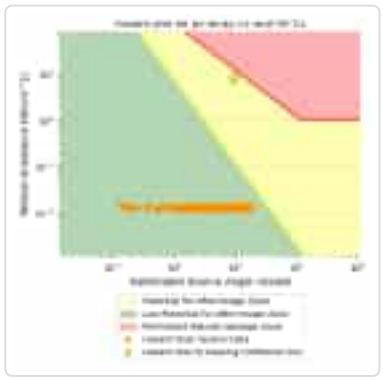
PV array 14: OP 51

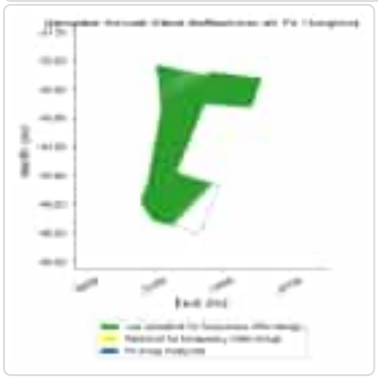
PV array is expected to produce the following glare for this receptor:

- 258 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





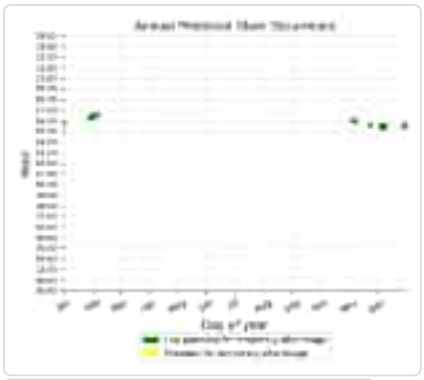


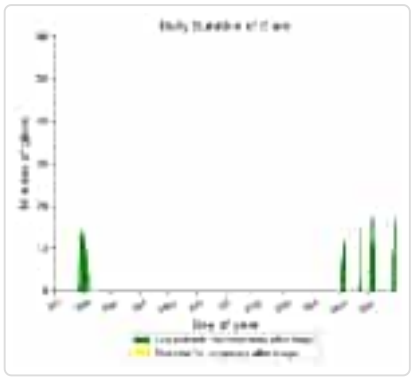


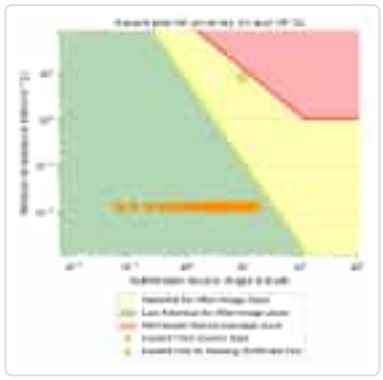
PV array 14: OP 52

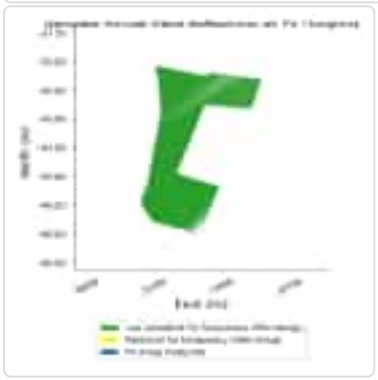
PV array is expected to produce the following glare for this receptor:

- 344 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





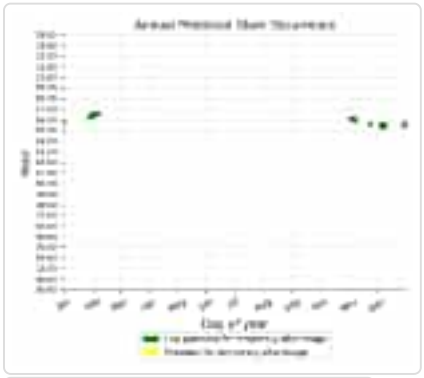


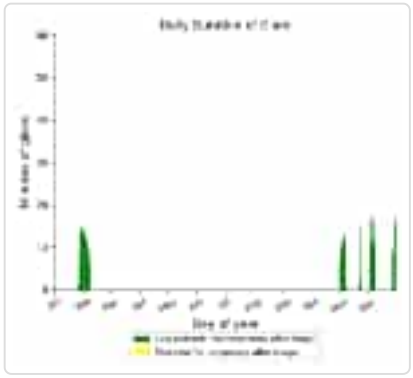


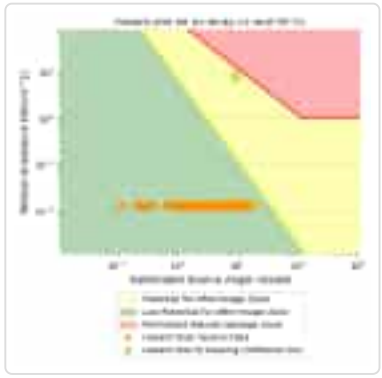
PV array 14: OP 53

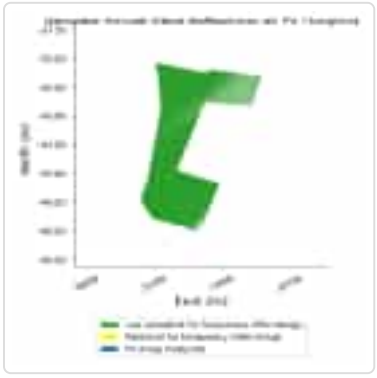
PV array is expected to produce the following glare for this receptor:

- 390 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





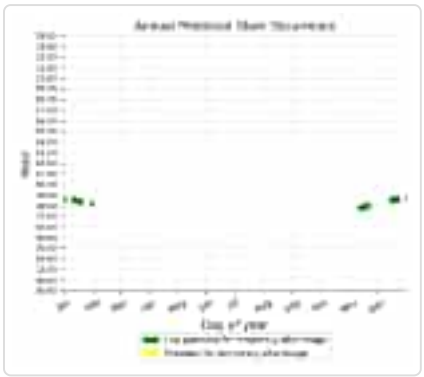


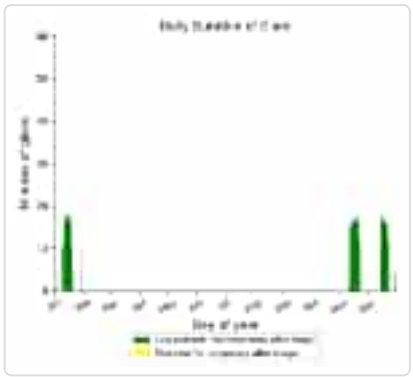


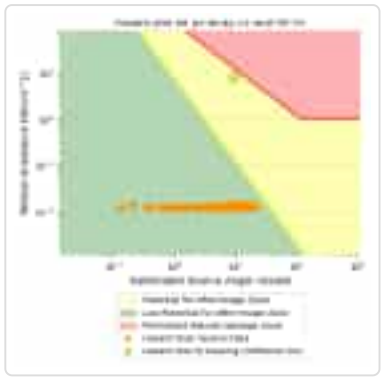
PV array 14: OP 54

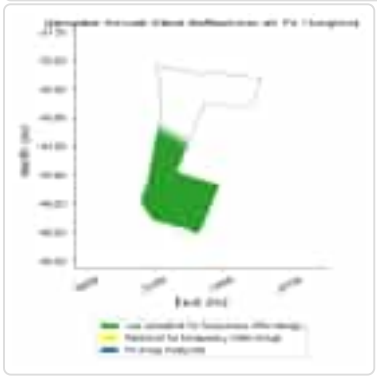
PV array is expected to produce the following glare for this receptor:

- 510 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





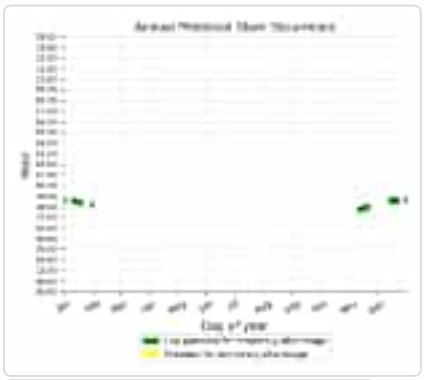


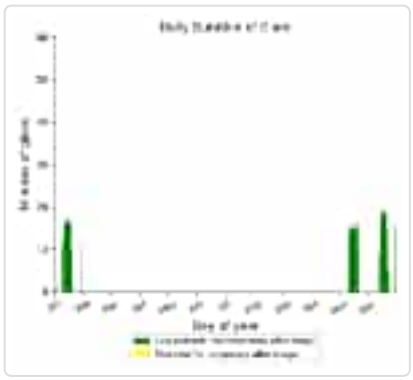


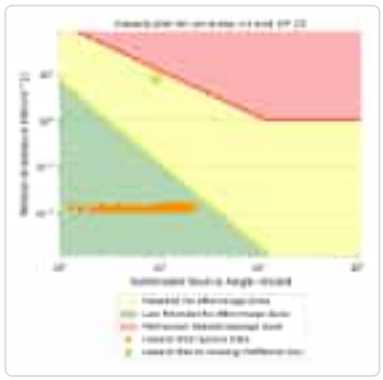
PV array 14: OP 55

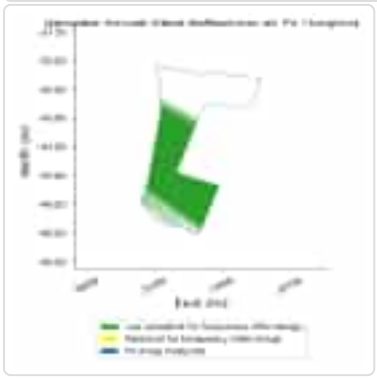
PV array is expected to produce the following glare for this receptor:

- 521 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14: OP 56

No glare found

PV array 14: OP 57

No glare found

PV array 14: OP 58

No glare found

PV array 14: OP 59

No glare found

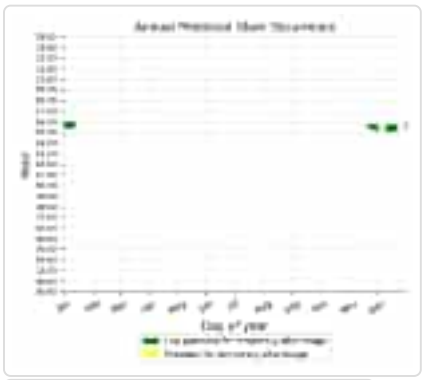
PV array 14: OP 60

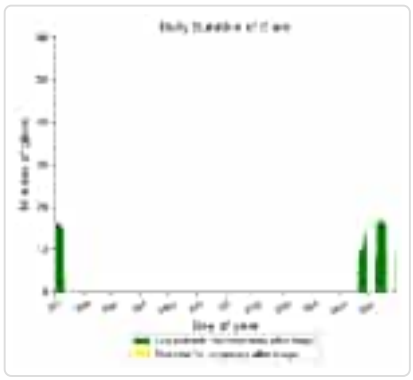
No glare found

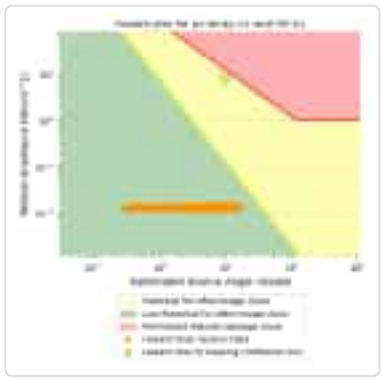
PV array 14: OP 61

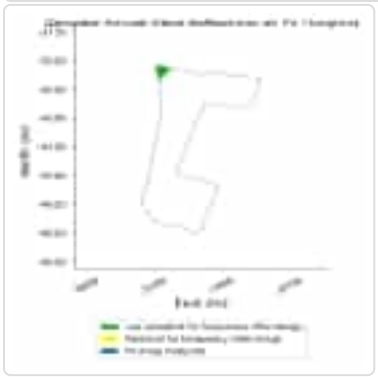
PV array is expected to produce the following glare for this receptor:

- 450 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





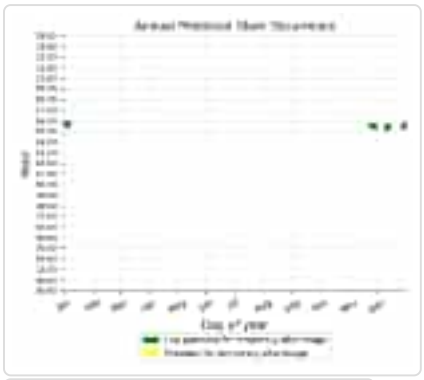


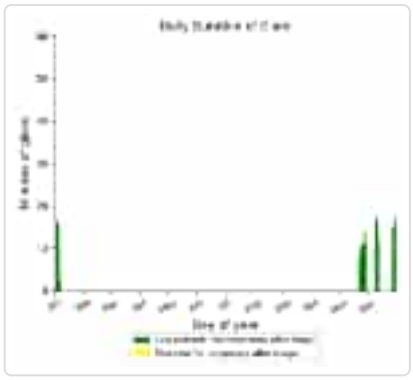


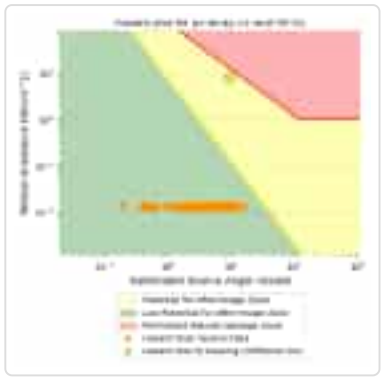
PV array 14: OP 62

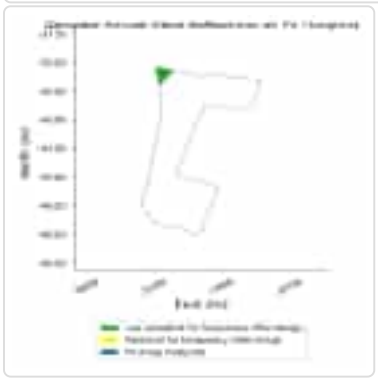
PV array is expected to produce the following glare for this receptor:

- 332 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





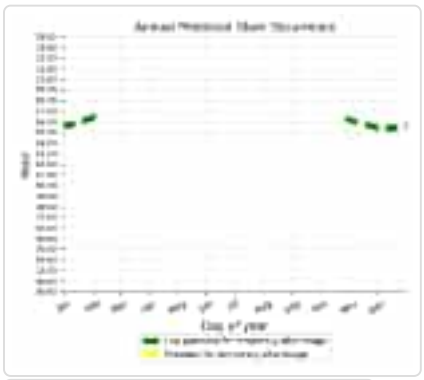


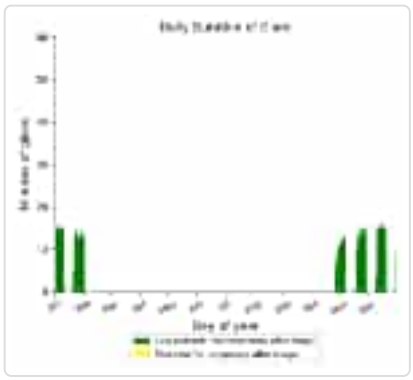


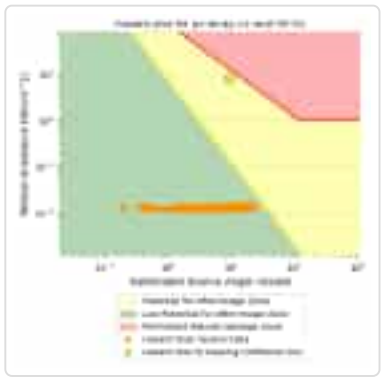
PV array 14: OP 63

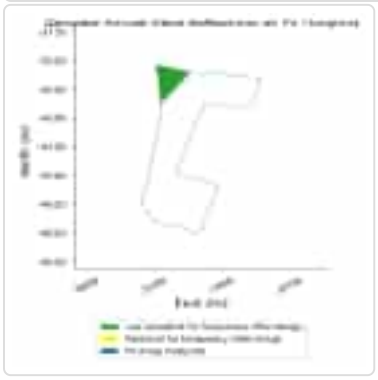
PV array is expected to produce the following glare for this receptor:

- 772 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





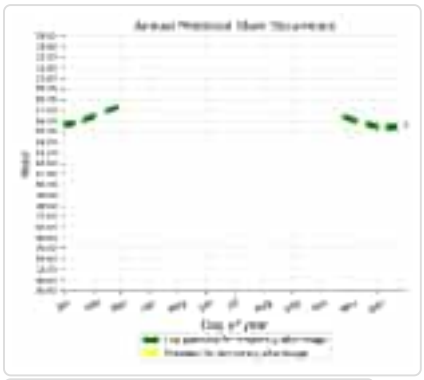


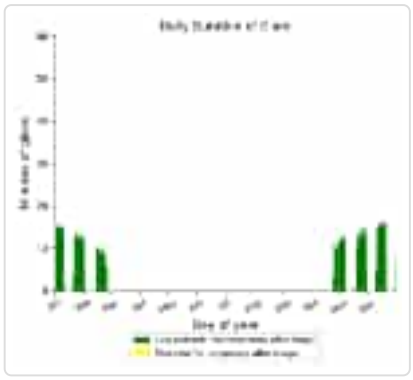


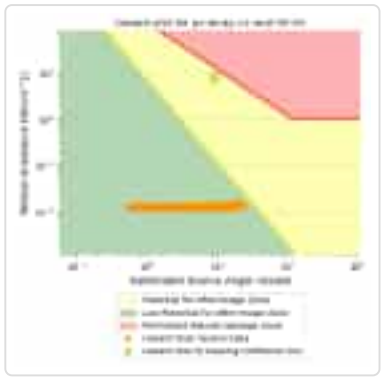
PV array 14: OP 64

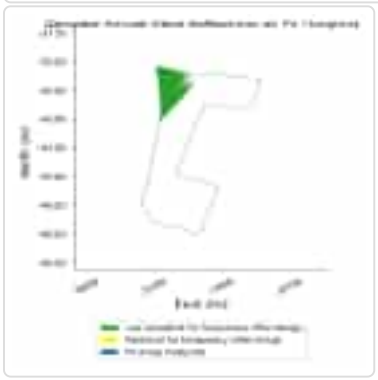
PV array is expected to produce the following glare for this receptor:

- 899 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





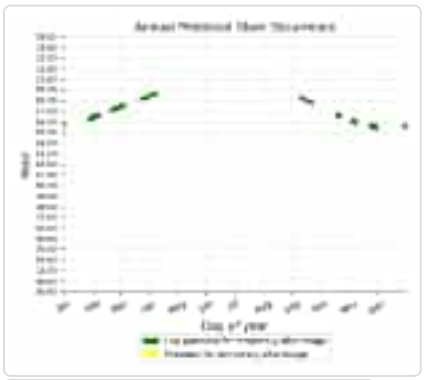


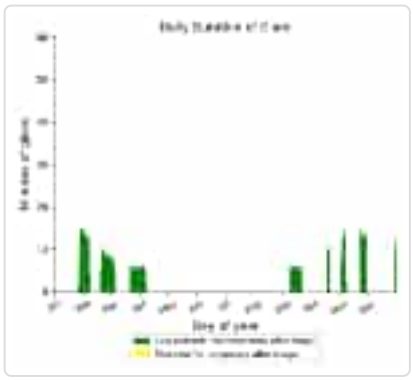


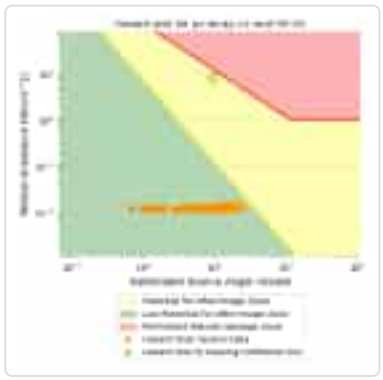
PV array 14: OP 65

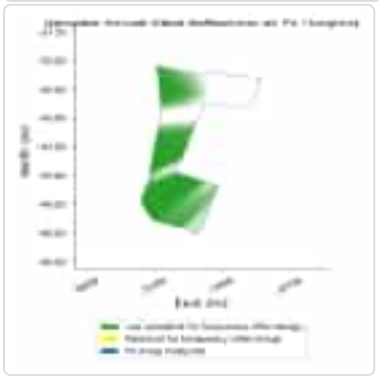
PV array is expected to produce the following glare for this receptor:

- 692 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





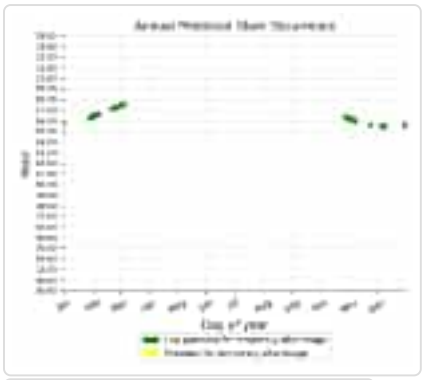


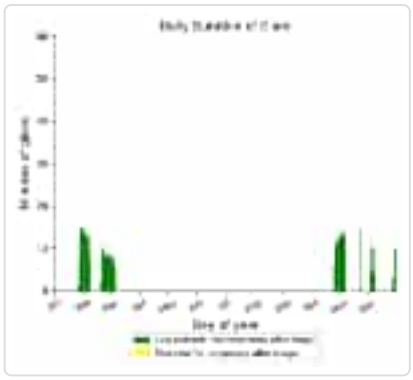


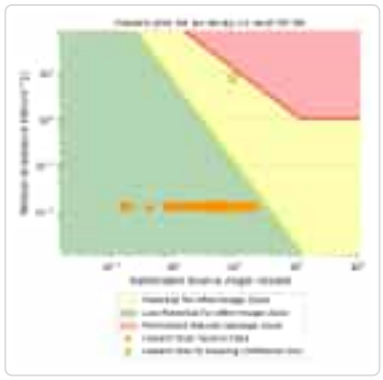
PV array 14: OP 66

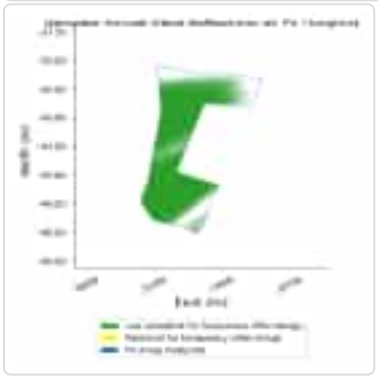
PV array is expected to produce the following glare for this receptor:

- 537 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





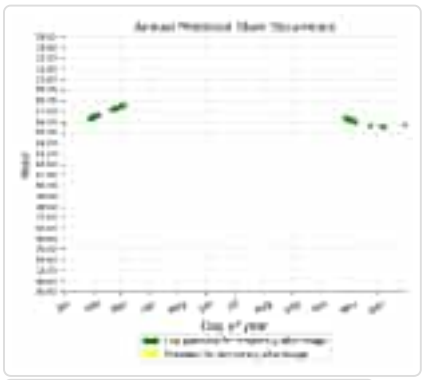


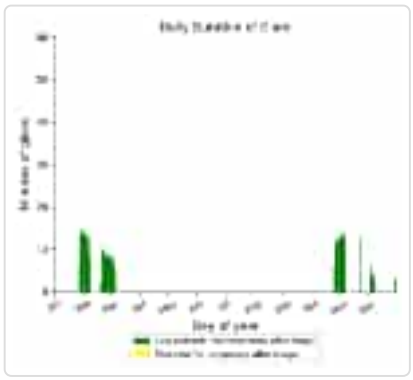


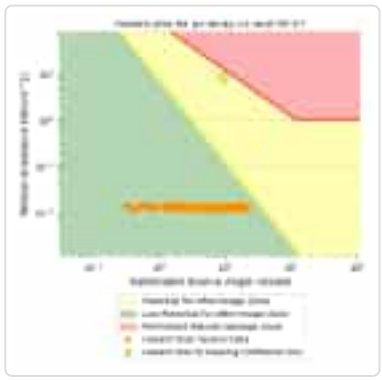
PV array 14: OP 67

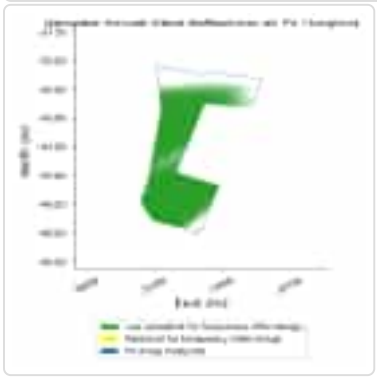
PV array is expected to produce the following glare for this receptor:

- 482 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





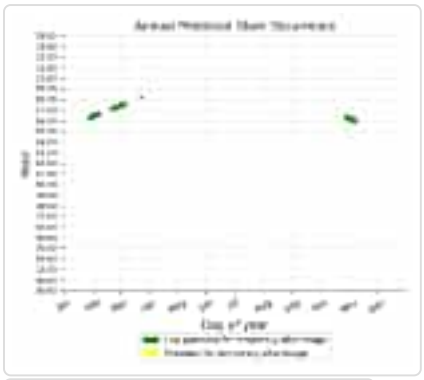


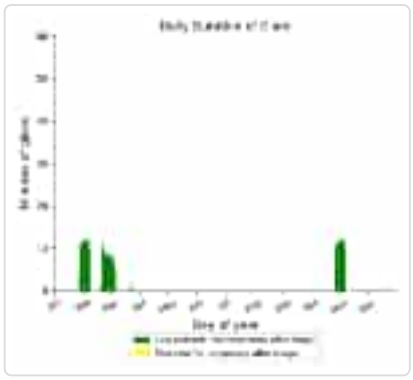


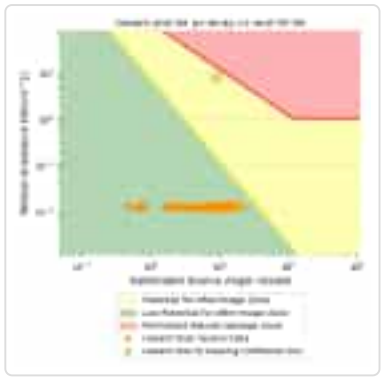
PV array 14: OP 68

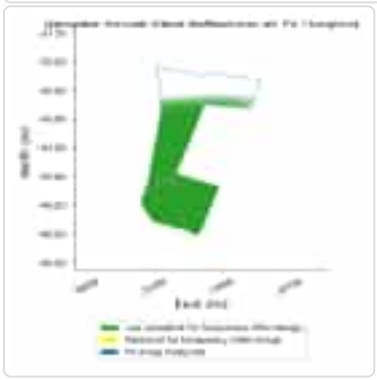
PV array is expected to produce the following glare for this receptor:

- 392 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





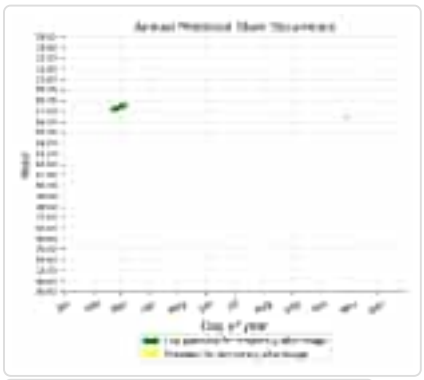


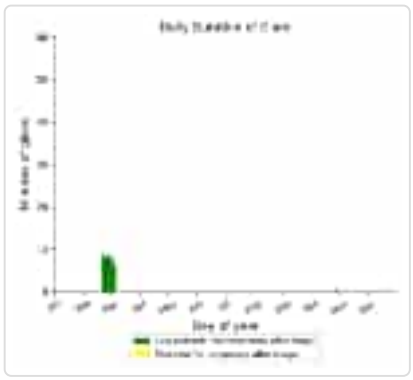


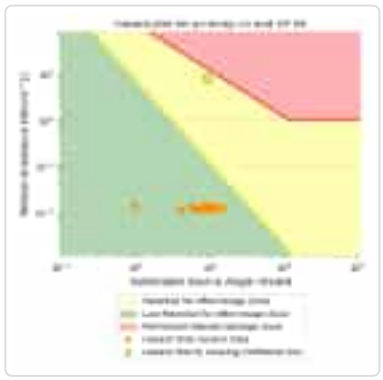
PV array 14: OP 69

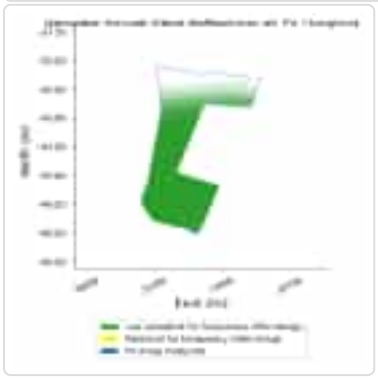
PV array is expected to produce the following glare for this receptor:

- 121 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





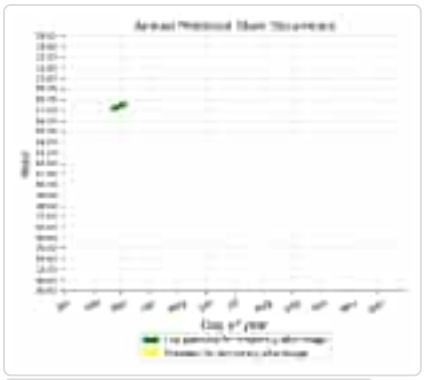


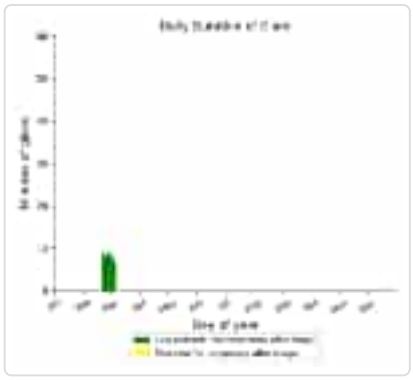


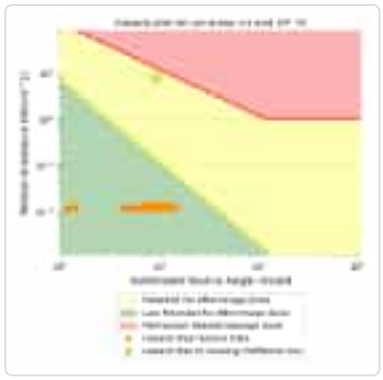
PV array 14: OP 70

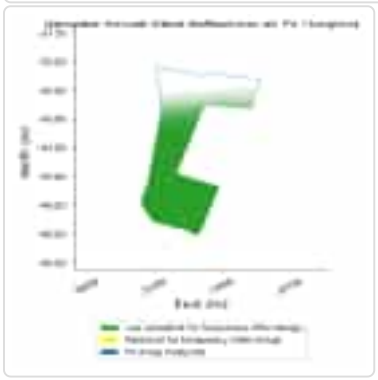
PV array is expected to produce the following glare for this receptor:

- 123 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





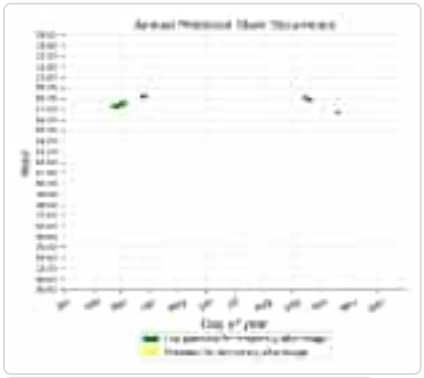


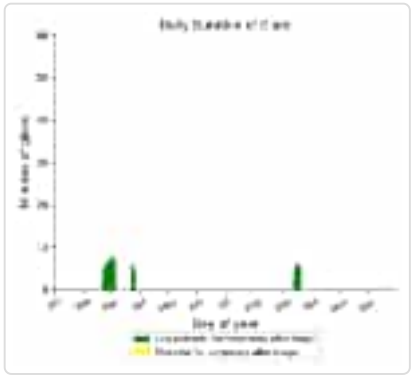


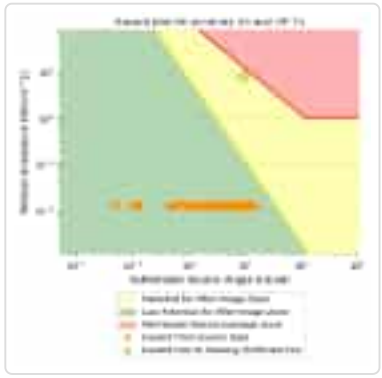
PV array 14: OP 71

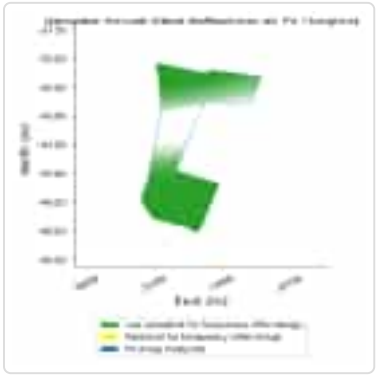
PV array is expected to produce the following glare for this receptor:

- 168 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





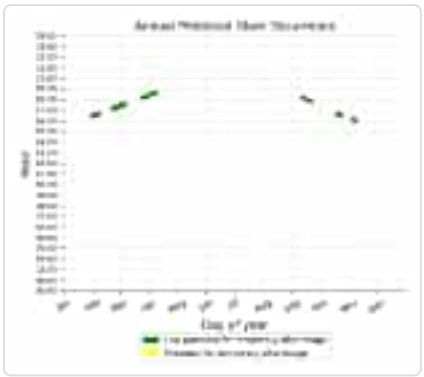


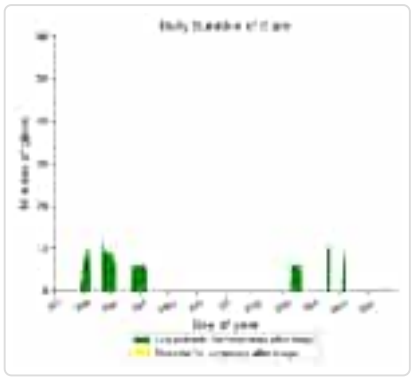


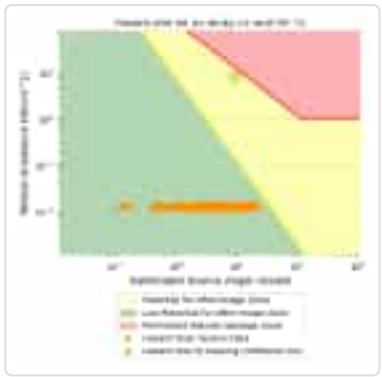
PV array 14: OP 72

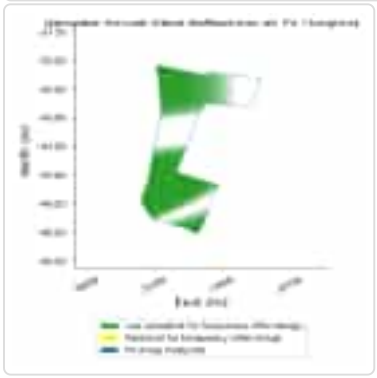
PV array is expected to produce the following glare for this receptor:

- 437 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





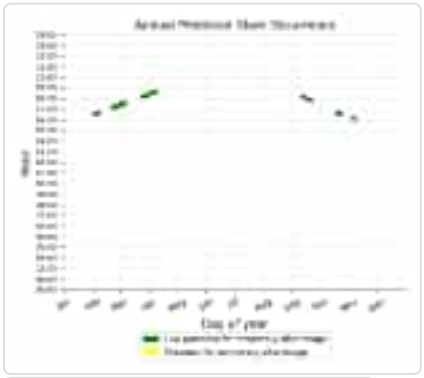


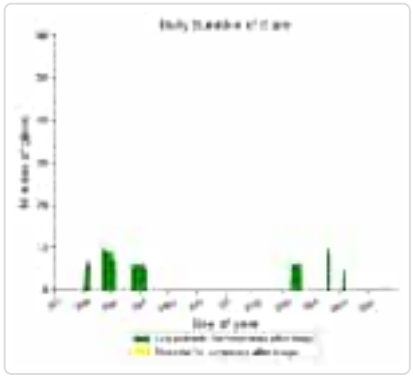


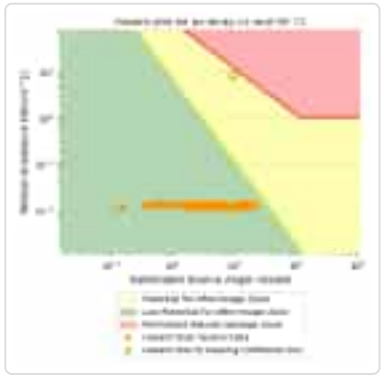
PV array 14: OP 73

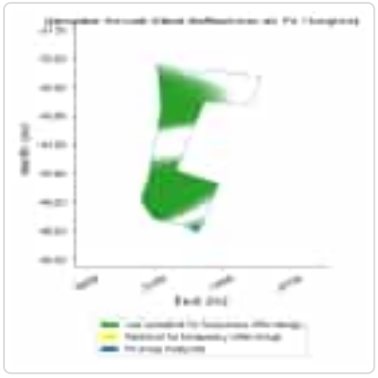
PV array is expected to produce the following glare for this receptor:

- 386 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





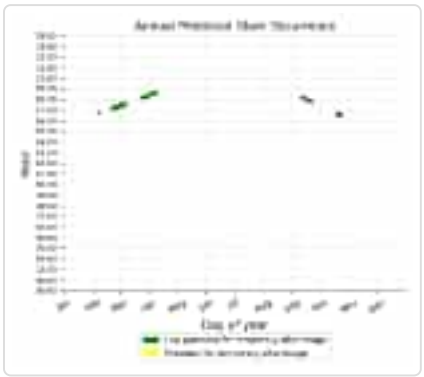


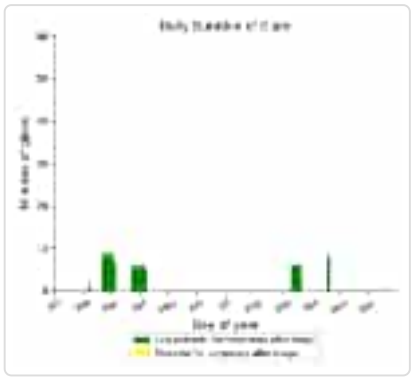


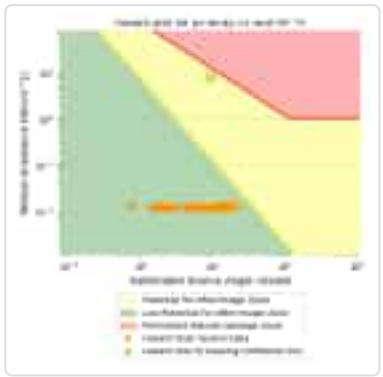
PV array 14: OP 74

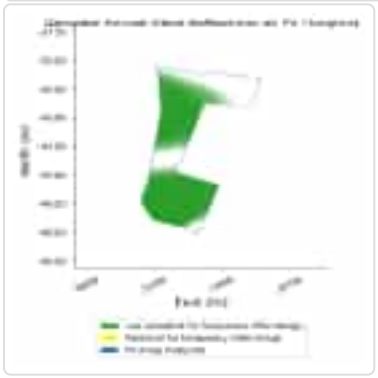
PV array is expected to produce the following glare for this receptor:

- 329 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





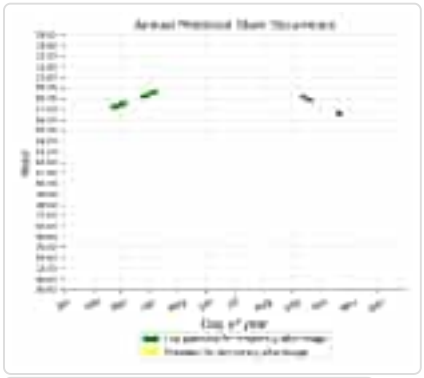


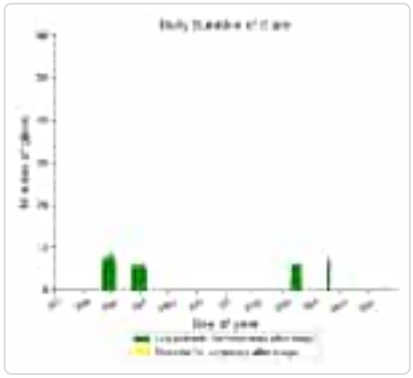


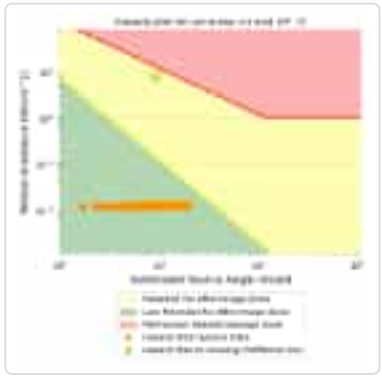
PV array 14: OP 75

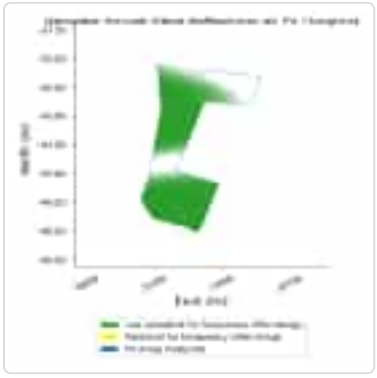
PV array is expected to produce the following glare for this receptor:

- 313 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





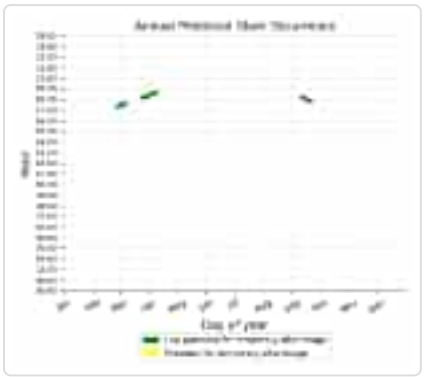


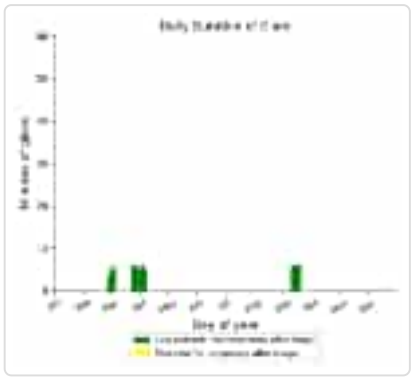


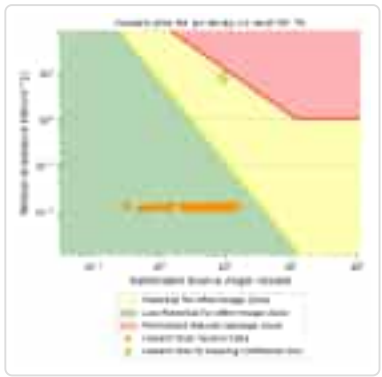
PV array 14: OP 76

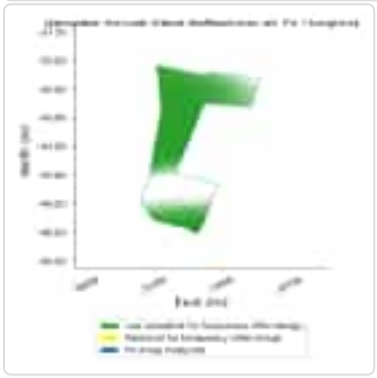
PV array is expected to produce the following glare for this receptor:

- 209 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





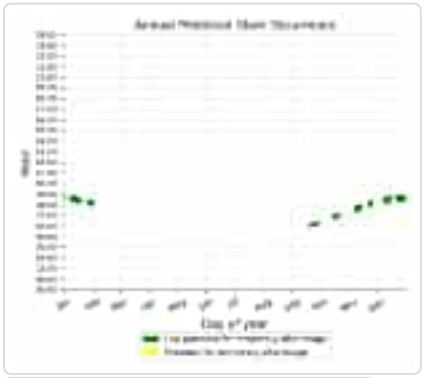


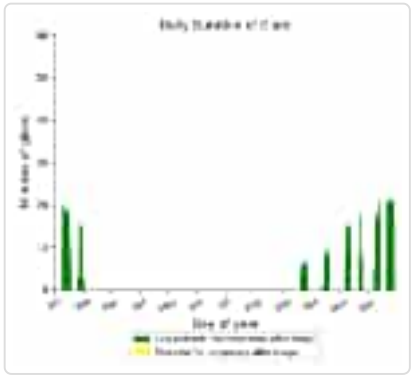


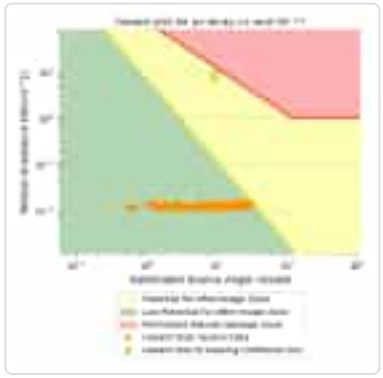
PV array 14: OP 77

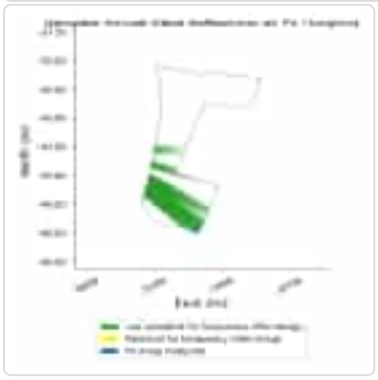
PV array is expected to produce the following glare for this receptor:

- 790 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





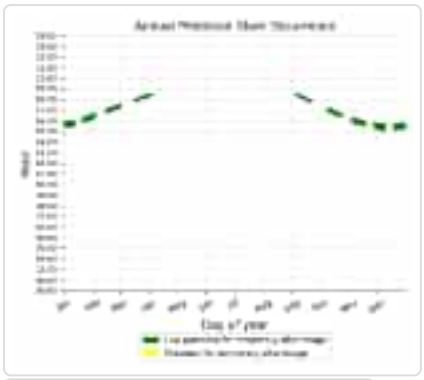


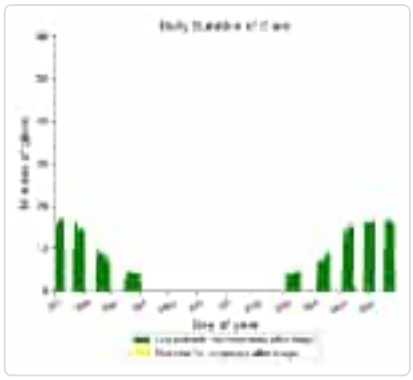


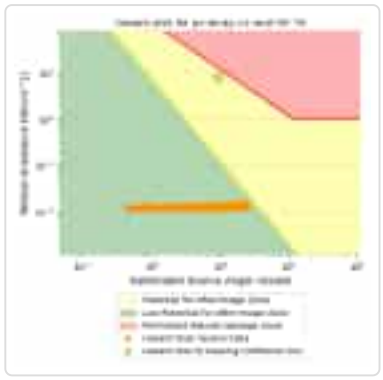
PV array 14: OP 78

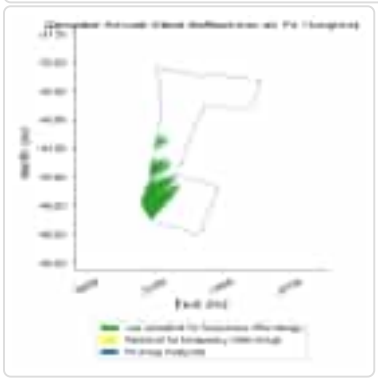
PV array is expected to produce the following glare for this receptor:

- 1,279 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





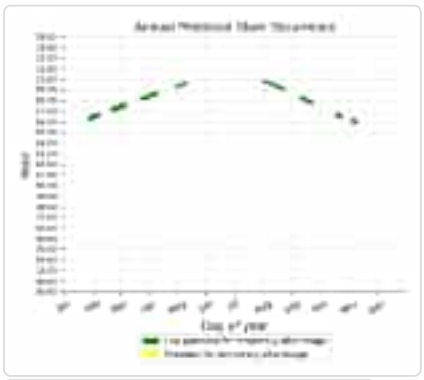


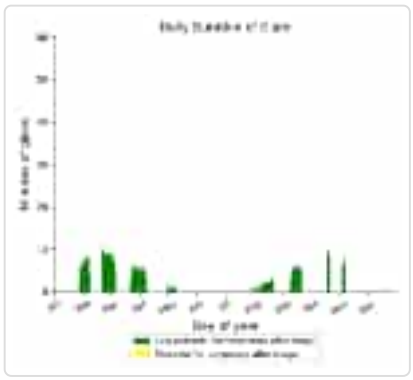


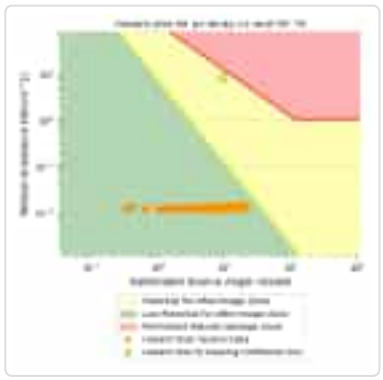
PV array 14: OP 79

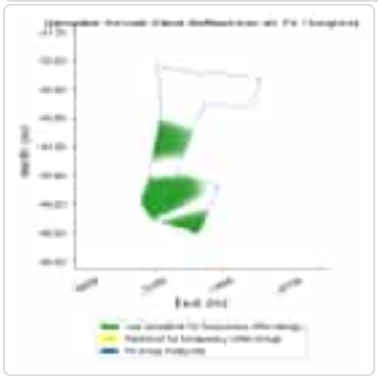
PV array is expected to produce the following glare for this receptor:

- 487 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





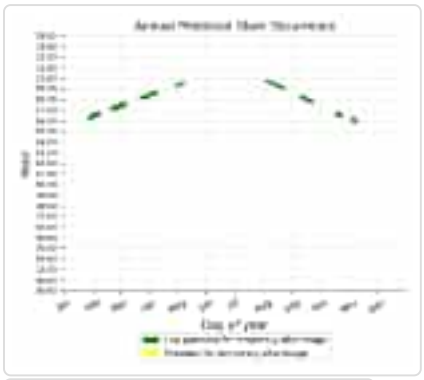


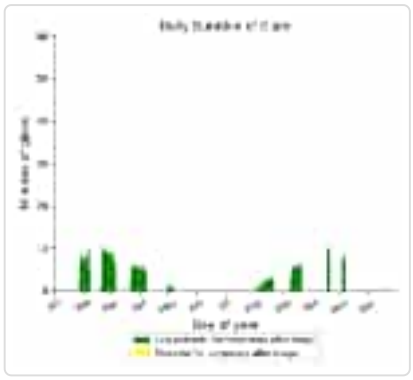


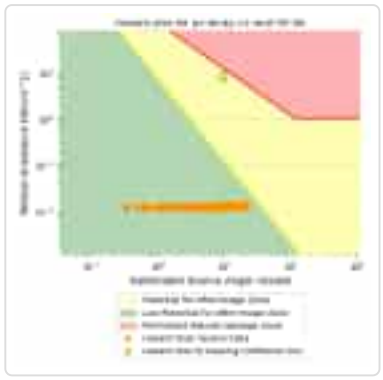
PV array 14: OP 80

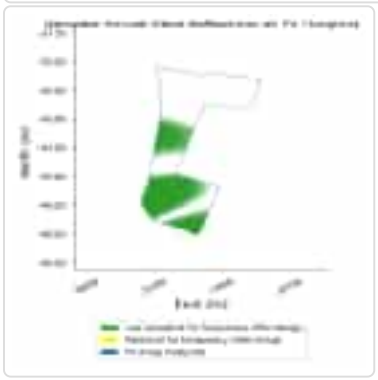
PV array is expected to produce the following glare for this receptor:

- 505 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)

OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	336	0
OP: OP 5	340	0
OP: OP 6	275	0
OP: OP 7	0	0
OP: OP 8	64	0
OP: OP 9	83	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	66	0
OP: OP 31	134	0
OP: OP 32	117	0
OP: OP 33	220	0
OP: OP 34	328	0
OP: OP 35	226	0
OP: OP 36	186	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	36	0
OP: OP 50	72	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	346	0

OP: OP 55	473	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	442	30
OP: OP 66	555	0
OP: OP 67	580	0
OP: OP 68	364	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	677	0
OP: OP 73	704	0
OP: OP 74	585	0
OP: OP 75	443	0
OP: OP 76	0	0
OP: OP 77	668	0
OP: OP 78	0	0
OP: OP 79	939	15
OP: OP 80	947	0

PV array 15: OP 1

No glare found

PV array 15: OP 2

No glare found

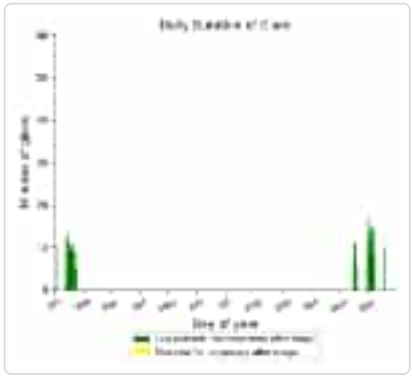
PV array 15: OP 3

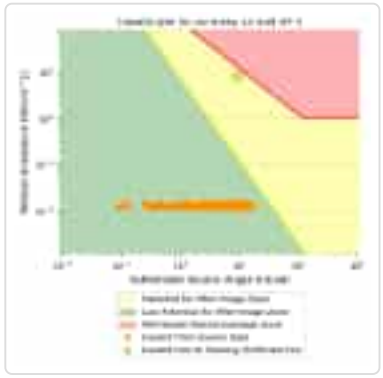
No glare found

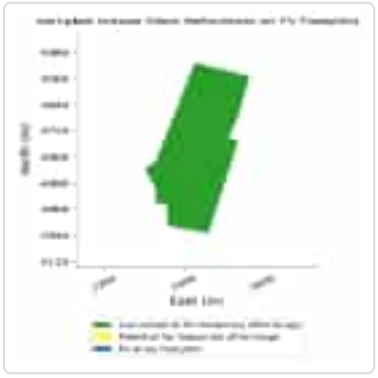
PV array 15: OP 4

PV array is expected to produce the following glare for this receptor:

- 336 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



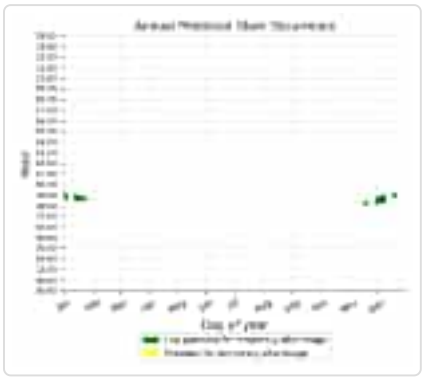


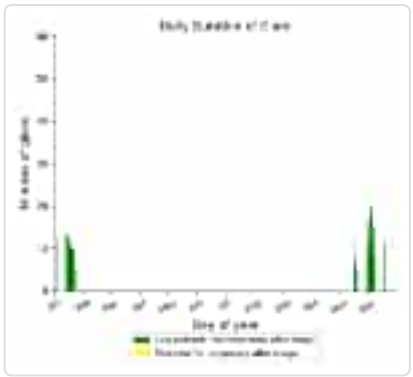


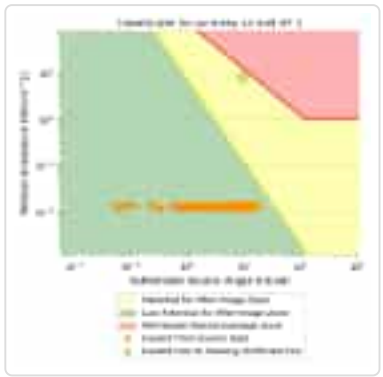
PV array 15: OP 5

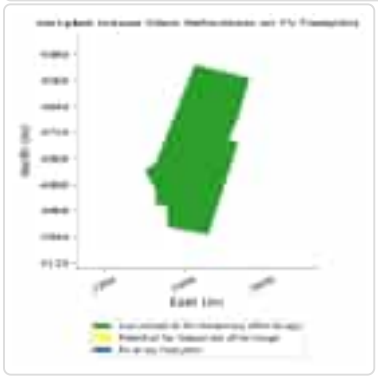
PV array is expected to produce the following glare for this receptor:

- 340 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





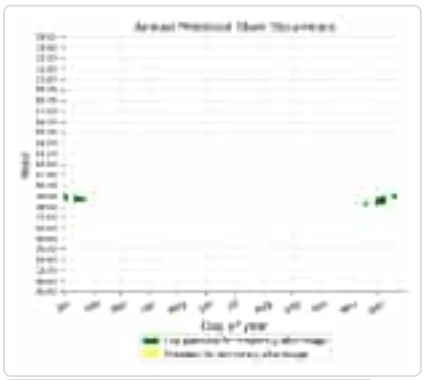


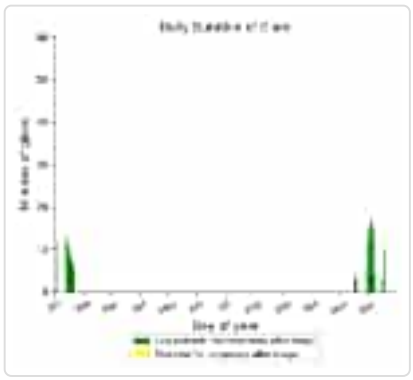


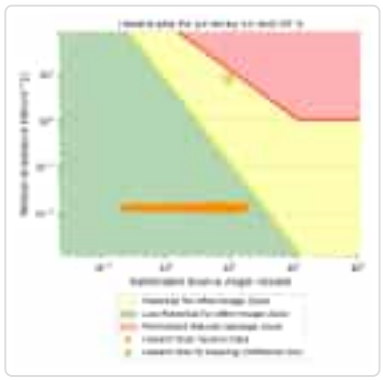
PV array 15: OP 6

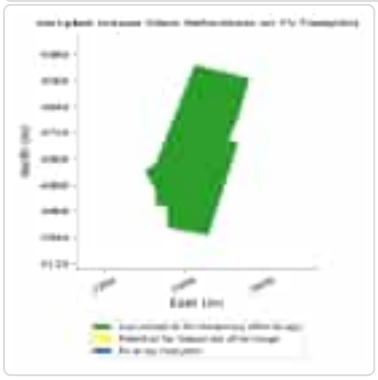
PV array is expected to produce the following glare for this receptor:

- 275 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









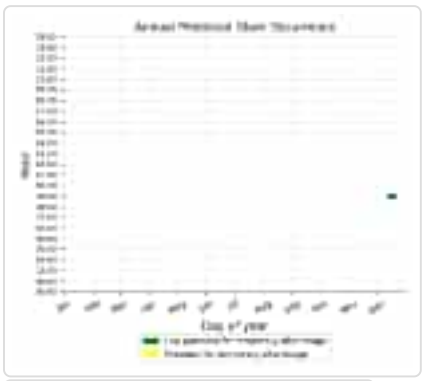
PV array 15: OP 7

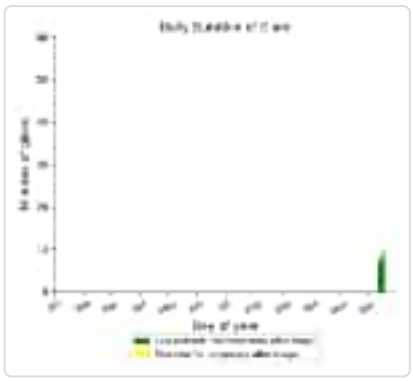
No glare found

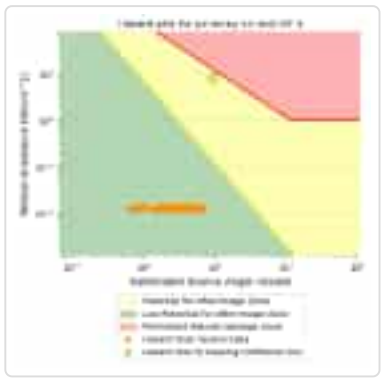
PV array 15: OP 8

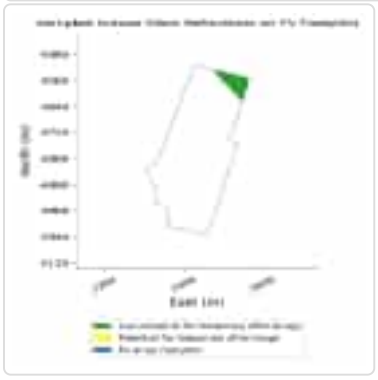
PV array is expected to produce the following glare for this receptor:

- 64 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





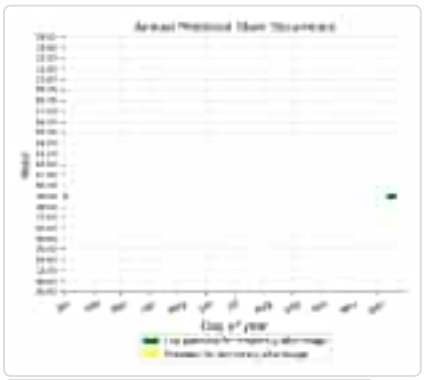


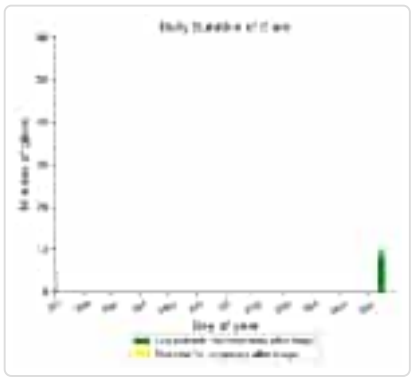


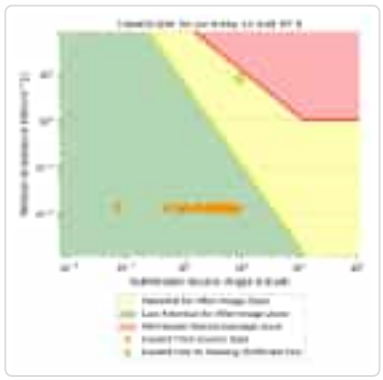
PV array 15: OP 9

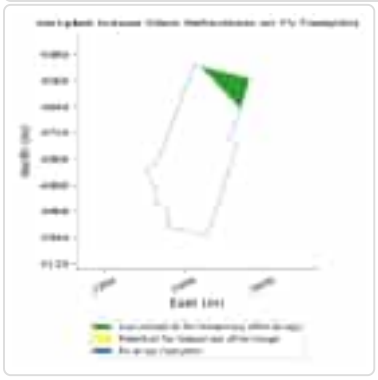
PV array is expected to produce the following glare for this receptor:

- 83 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 10

No glare found

PV array 15: OP 11

No glare found

PV array 15: OP 12

No glare found

PV array 15: OP 13

No glare found

PV array 15: OP 14

No glare found

PV array 15: OP 15

No glare found

PV array 15: OP 16

No glare found

PV array 15: OP 17

No glare found

PV array 15: OP 18

No glare found

PV array 15: OP 19

No glare found

PV array 15: OP 20

No glare found

PV array 15: OP 21

No glare found

PV array 15: OP 22

No glare found

PV array 15: OP 23

No glare found

PV array 15: OP 24

No glare found

PV array 15: OP 25

No glare found

PV array 15: OP 26

No glare found

PV array 15: OP 27

No glare found

PV array 15: OP 28

No glare found

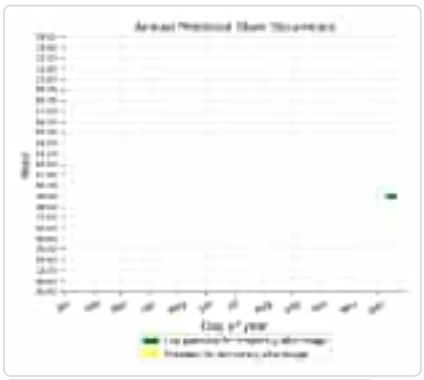
PV array 15: OP 29

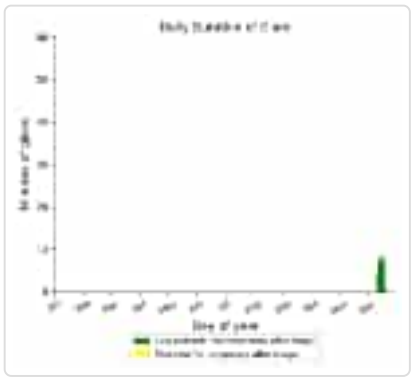
No glare found

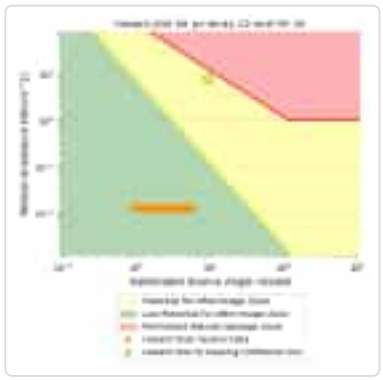
PV array 15: OP 30

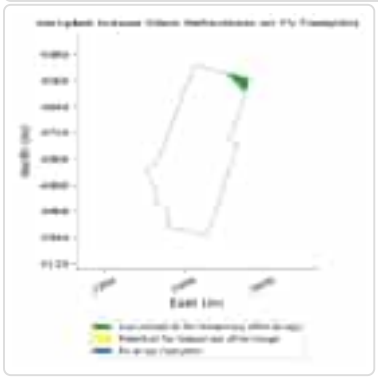
PV array is expected to produce the following glare for this receptor:

- 66 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





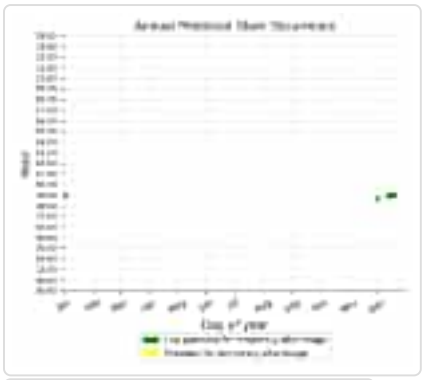


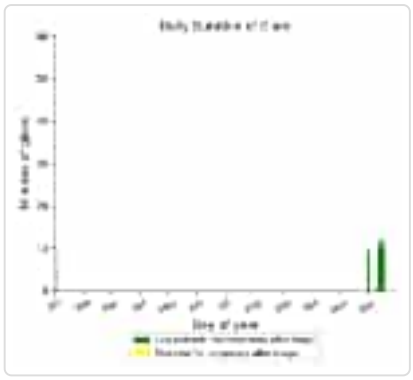


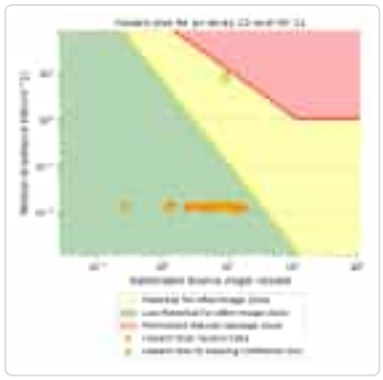
PV array 15: OP 31

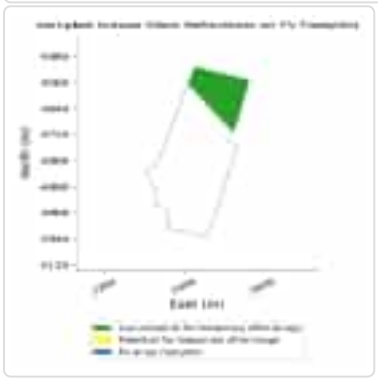
PV array is expected to produce the following glare for this receptor:

- 134 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





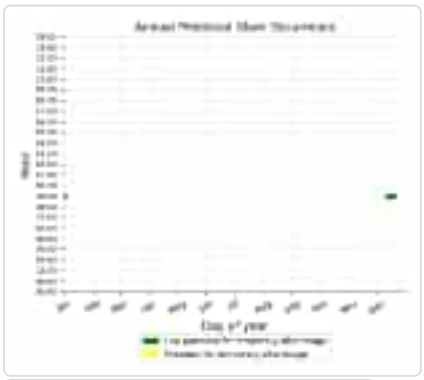


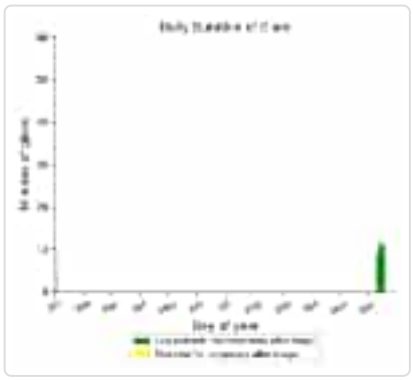


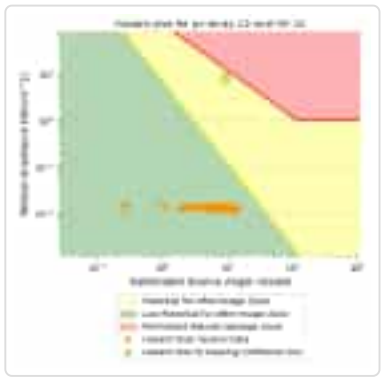
PV array 15: OP 32

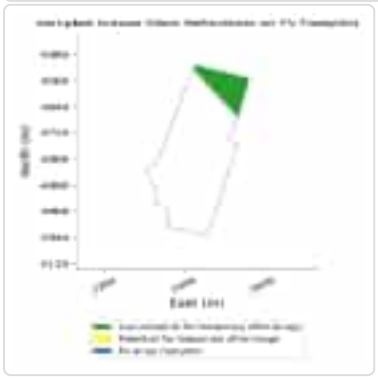
PV array is expected to produce the following glare for this receptor:

- 117 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





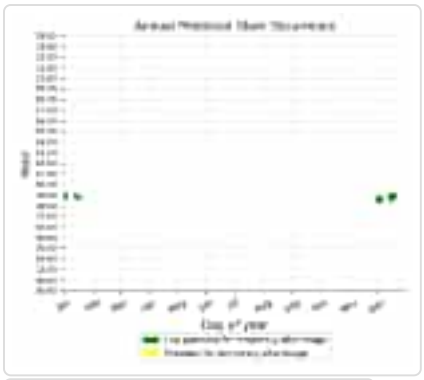


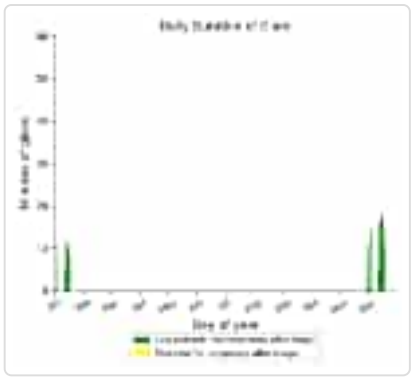


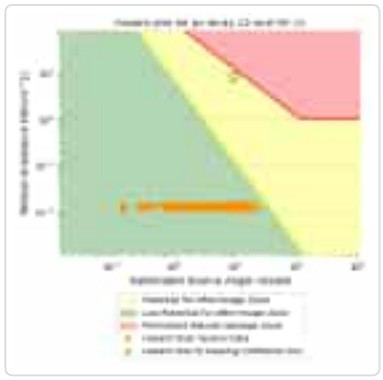
PV array 15: OP 33

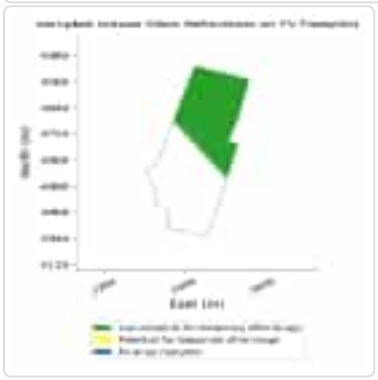
PV array is expected to produce the following glare for this receptor:

- 220 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





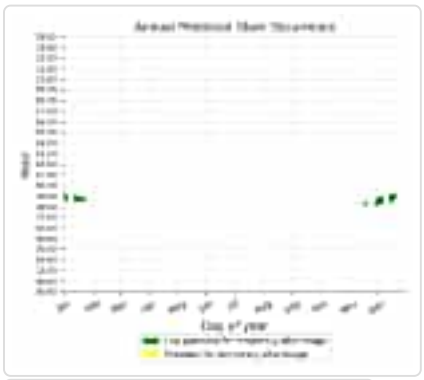


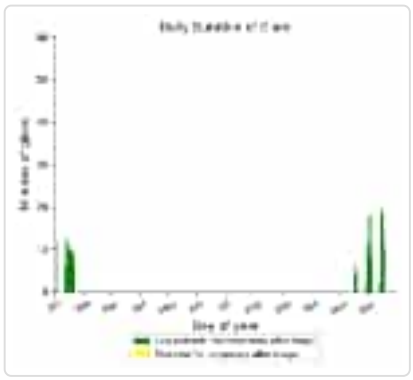


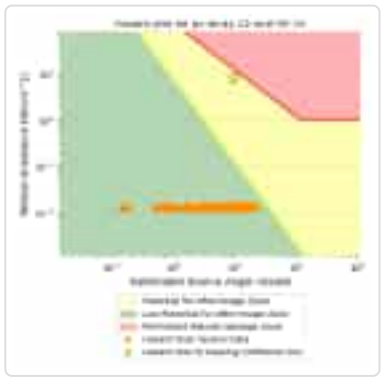
PV array 15: OP 34

PV array is expected to produce the following glare for this receptor:

- 328 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



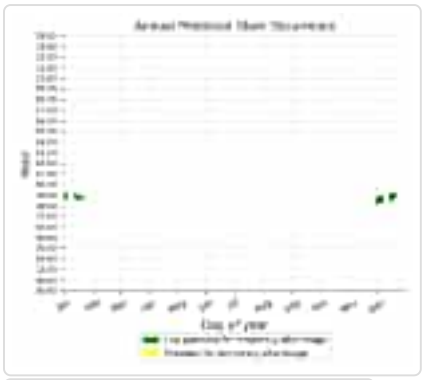


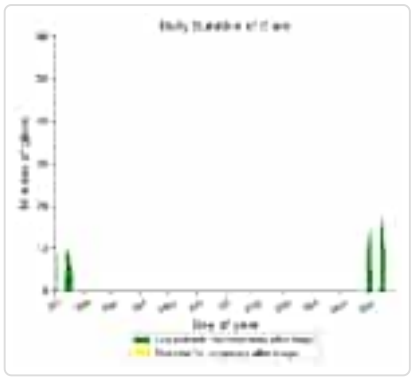


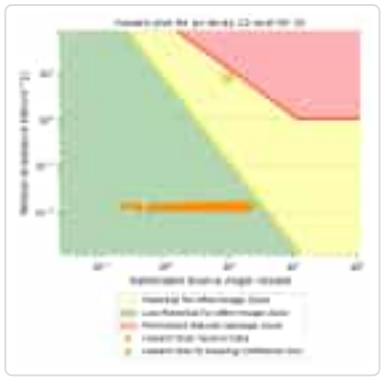
PV array 15: OP 35

PV array is expected to produce the following glare for this receptor:

- 226 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



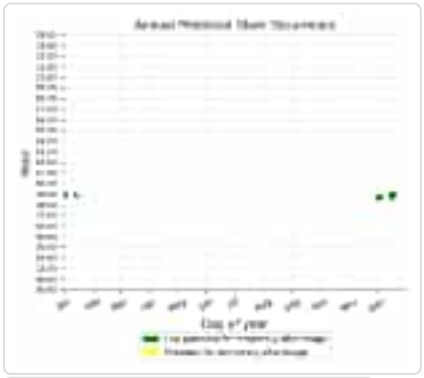


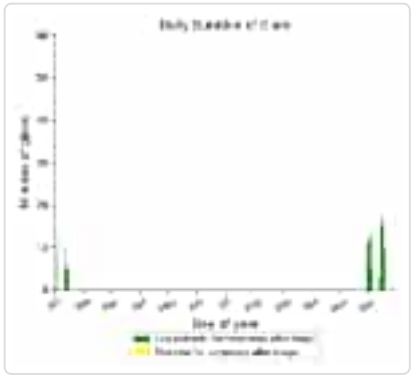


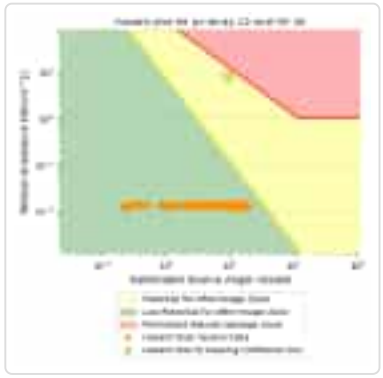
PV array 15: OP 36

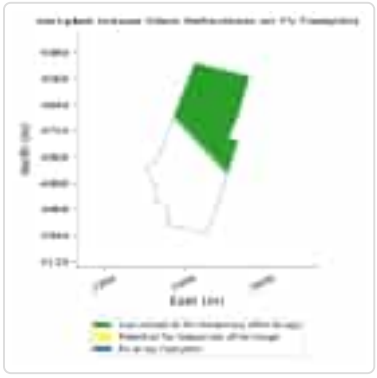
PV array is expected to produce the following glare for this receptor:

- 186 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 37

No glare found

PV array 15: OP 38

No glare found

PV array 15: OP 39

No glare found

PV array 15: OP 40

No glare found

PV array 15: OP 41

No glare found

PV array 15: OP 42

No glare found

PV array 15: OP 43

No glare found

PV array 15: OP 44

No glare found

PV array 15: OP 45

No glare found

PV array 15: OP 46

No glare found

PV array 15: OP 47

No glare found

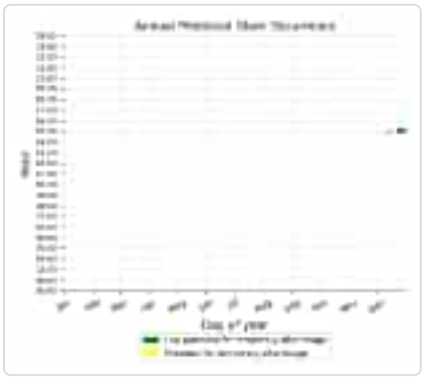
PV array 15: OP 48

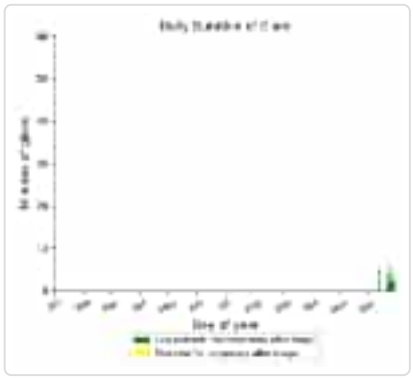
No glare found

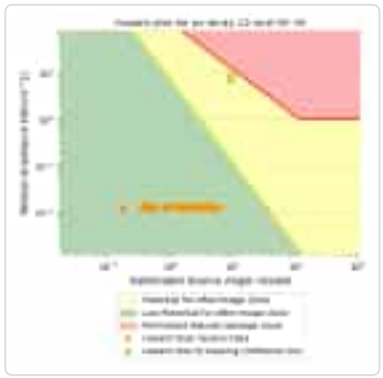
PV array 15: OP 49

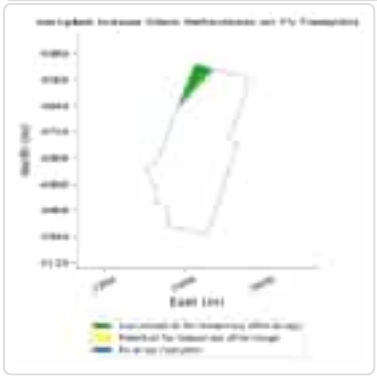
PV array is expected to produce the following glare for this receptor:

- 36 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





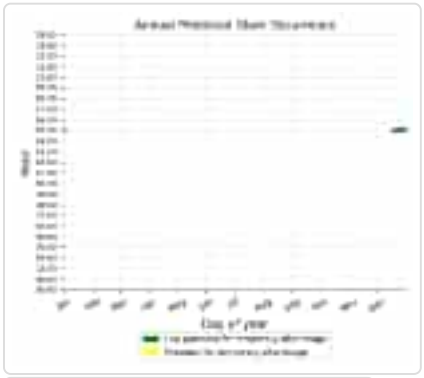


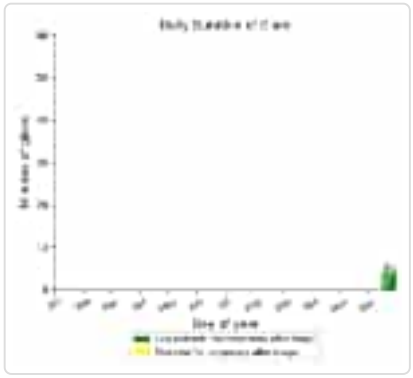


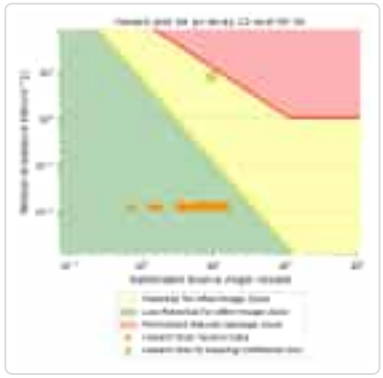
PV array 15: OP 50

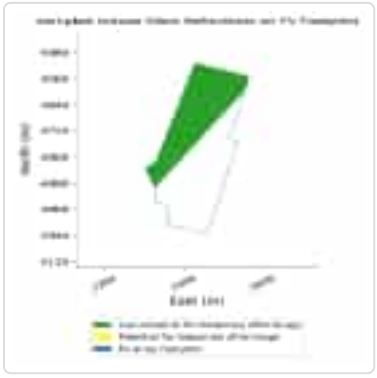
PV array is expected to produce the following glare for this receptor:

- 72 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 51

No glare found

PV array 15: OP 52

No glare found

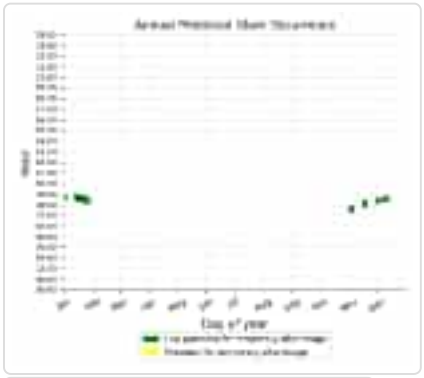
PV array 15: OP 53

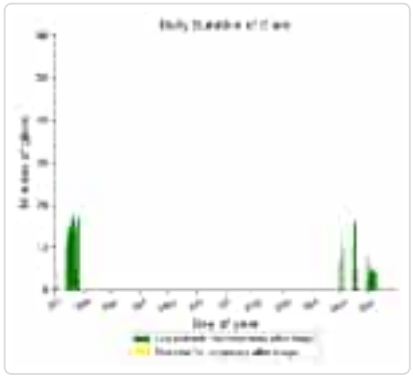
No glare found

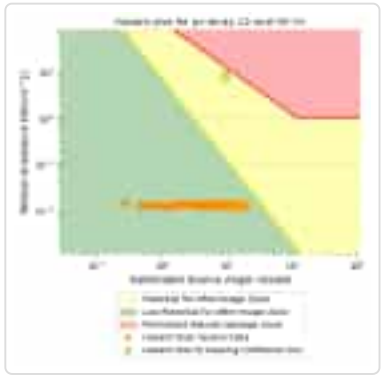
PV array 15: OP 54

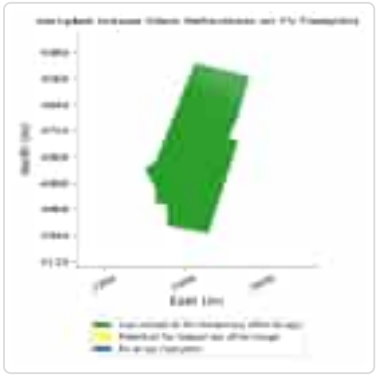
PV array is expected to produce the following glare for this receptor:

- 346 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





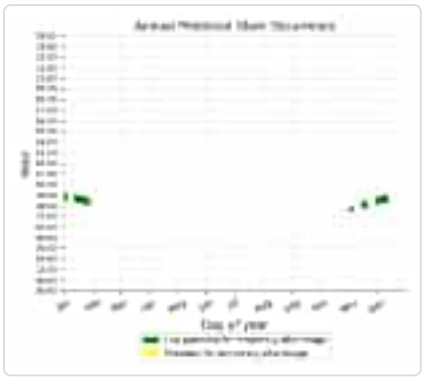


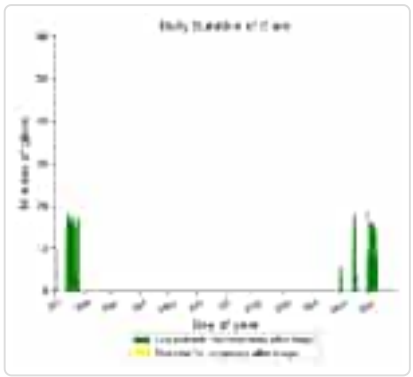


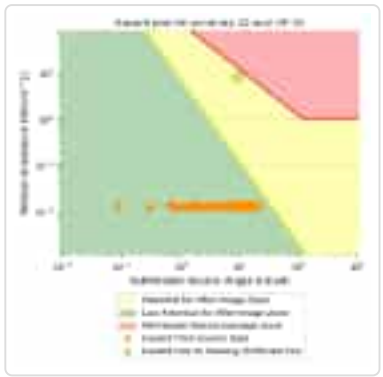
PV array 15: OP 55

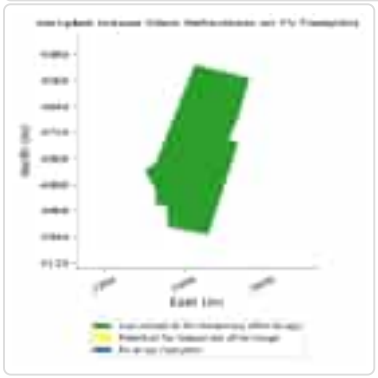
PV array is expected to produce the following glare for this receptor:

- 473 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 56

No glare found

PV array 15: OP 57

No glare found

PV array 15: OP 58

No glare found

PV array 15: OP 59

No glare found

PV array 15: OP 60

No glare found

PV array 15: OP 61

No glare found

PV array 15: OP 62

No glare found

PV array 15: OP 63

No glare found

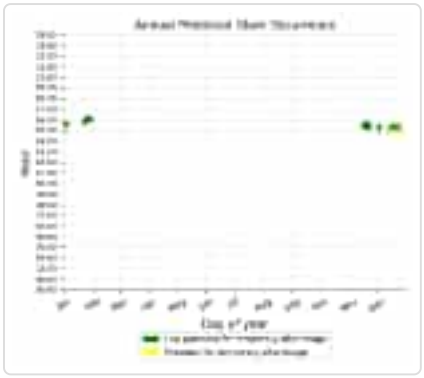
PV array 15: OP 64

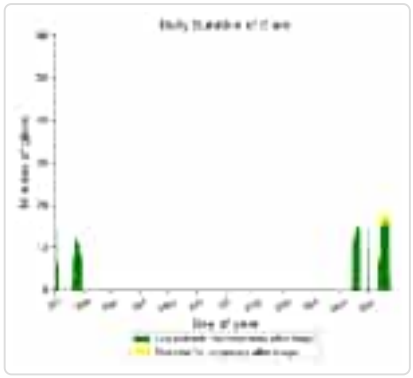
No glare found

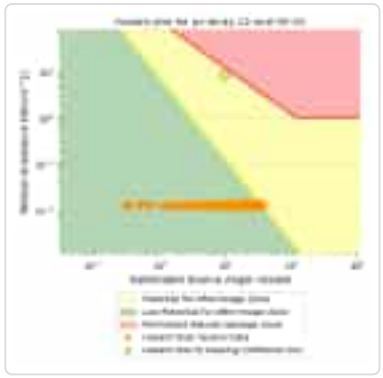
PV array 15: OP 65

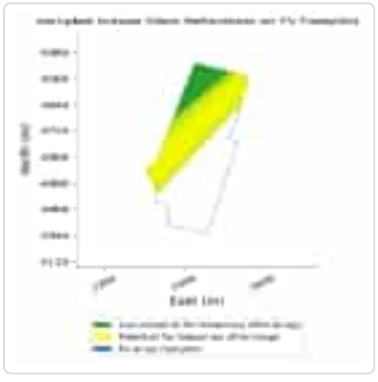
PV array is expected to produce the following glare for this receptor:

- 442 minutes of "green" glare with low potential to cause temporary after-image.
- 30 minutes of "yellow" glare with potential to cause temporary after-image.





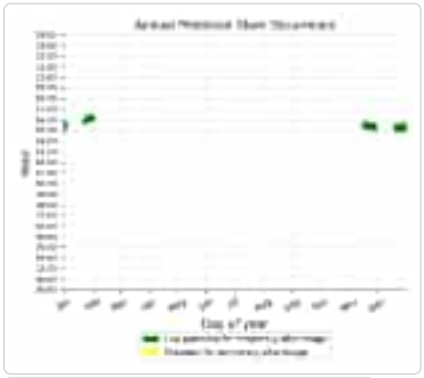


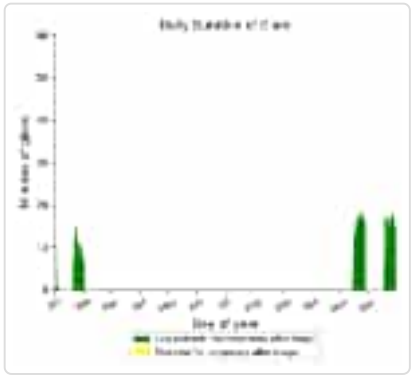


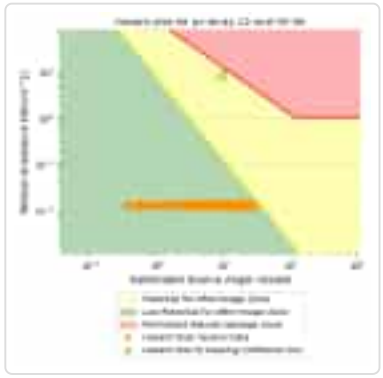
PV array 15: OP 66

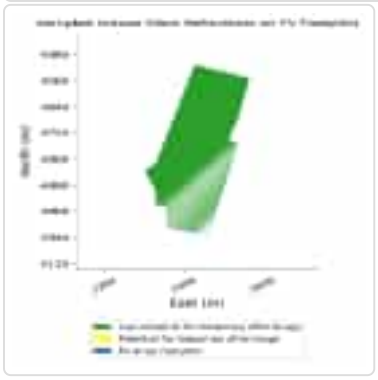
PV array is expected to produce the following glare for this receptor:

- 555 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





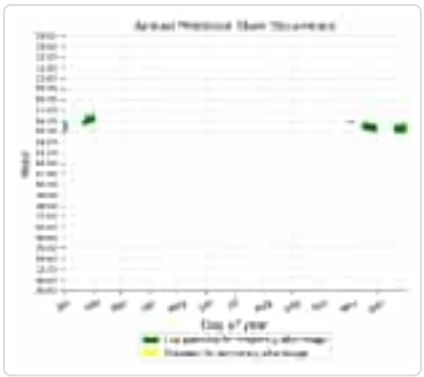


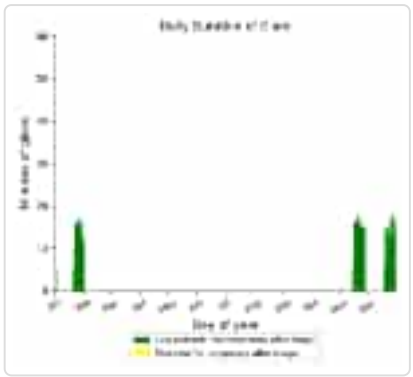


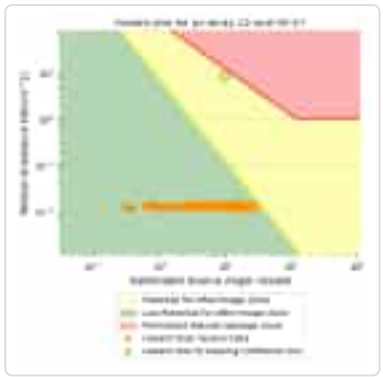
PV array 15: OP 67

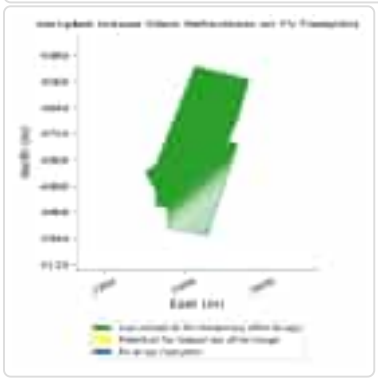
PV array is expected to produce the following glare for this receptor:

- 580 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





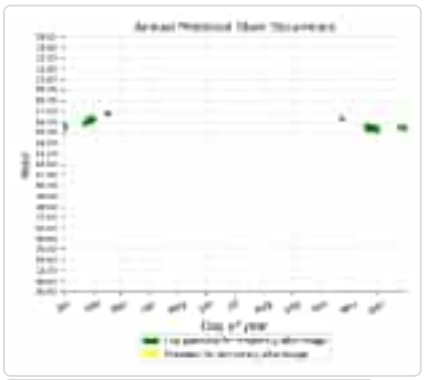


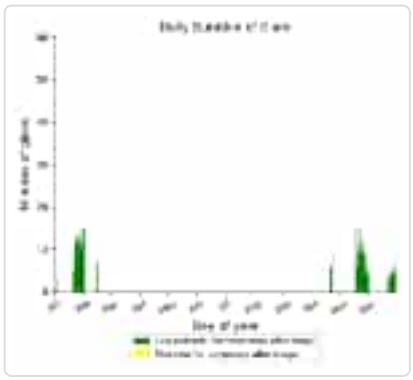


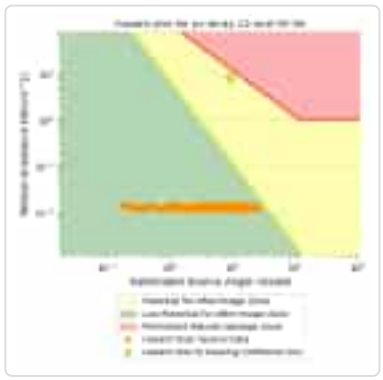
PV array 15: OP 68

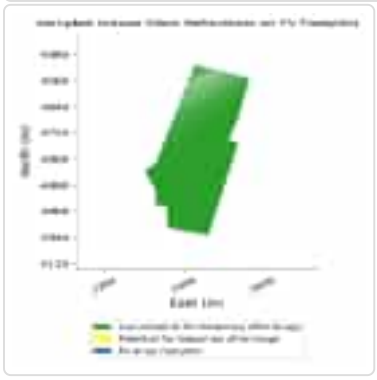
PV array is expected to produce the following glare for this receptor:

- 364 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 69

No glare found

PV array 15: OP 70

No glare found

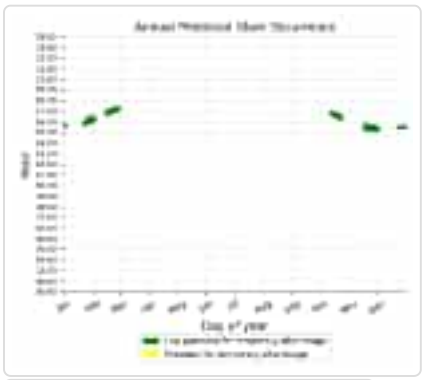
PV array 15: OP 71

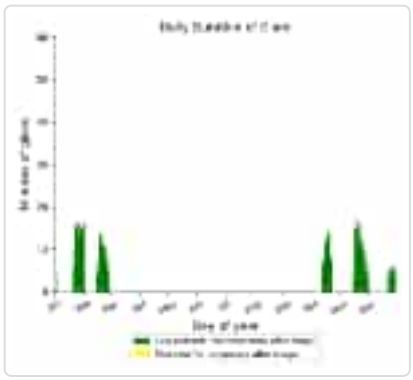
No glare found

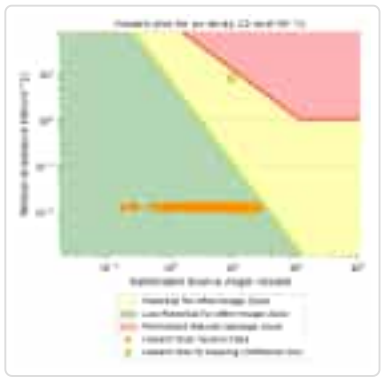
PV array 15: OP 72

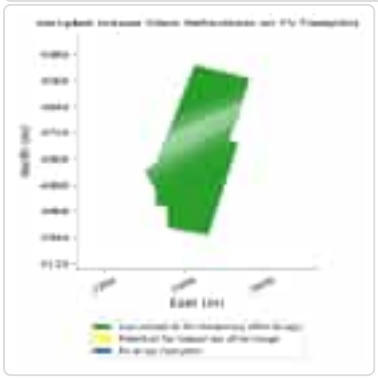
PV array is expected to produce the following glare for this receptor:

- 677 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





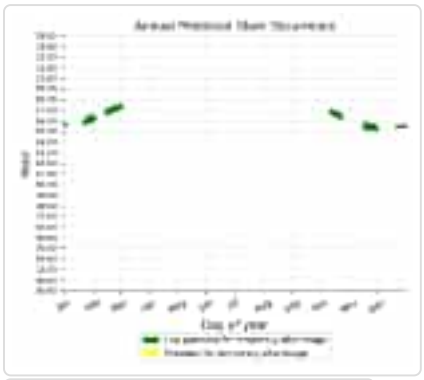


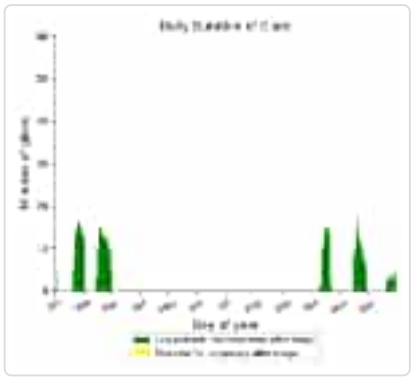


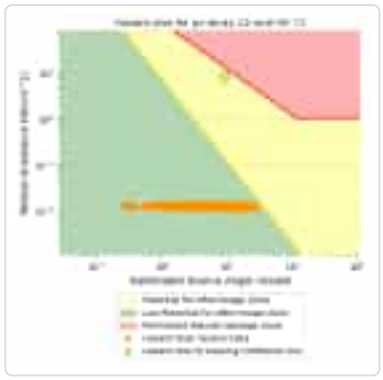
PV array 15: OP 73

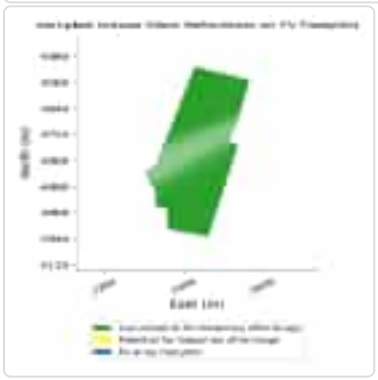
PV array is expected to produce the following glare for this receptor:

- 704 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





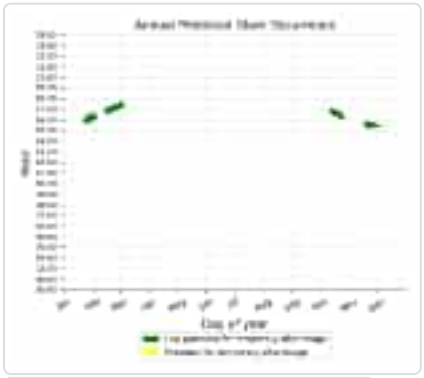


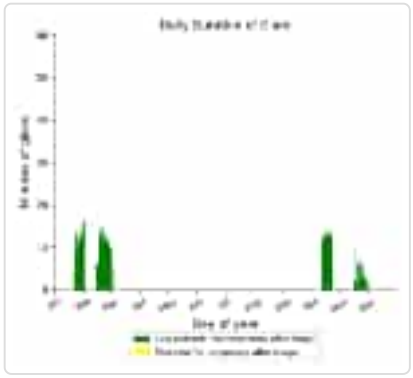


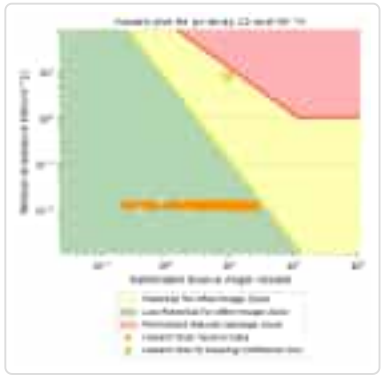
PV array 15: OP 74

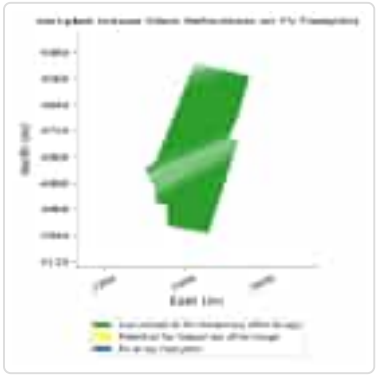
PV array is expected to produce the following glare for this receptor:

- 585 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





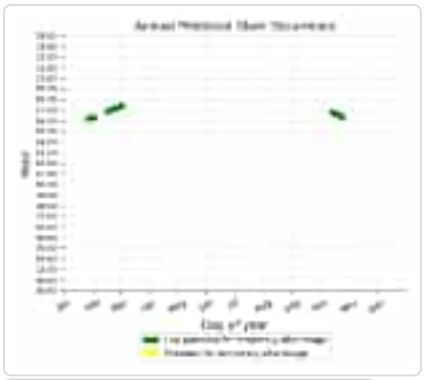


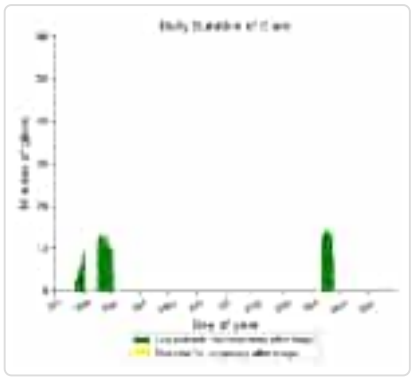


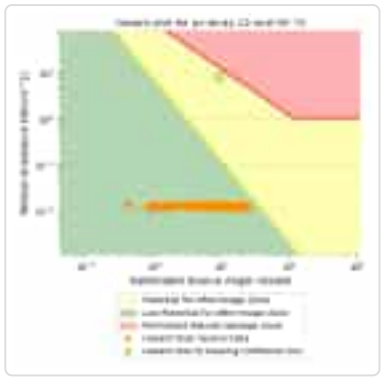
PV array 15: OP 75

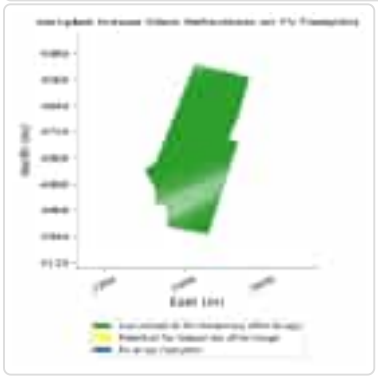
PV array is expected to produce the following glare for this receptor:

- 443 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









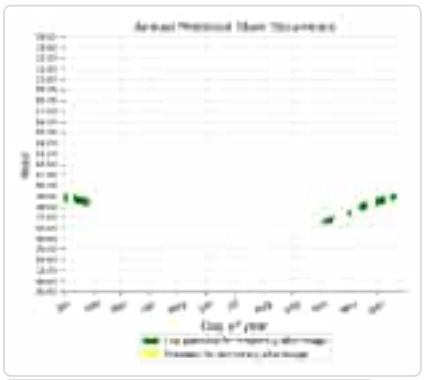
PV array 15: OP 76

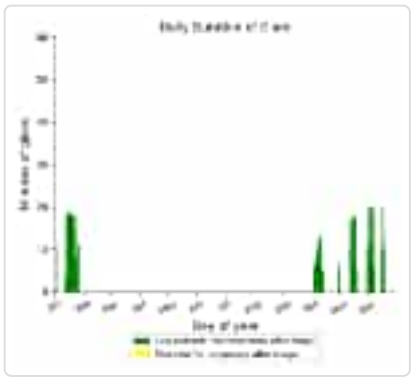
No glare found

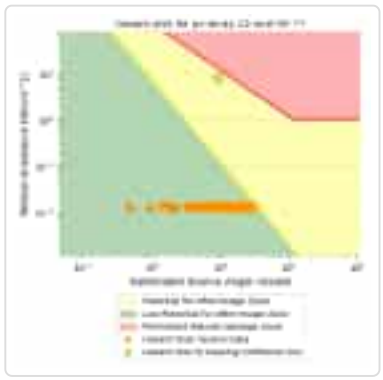
PV array 15: OP 77

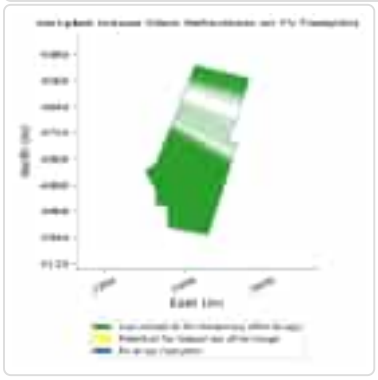
PV array is expected to produce the following glare for this receptor:

- 668 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









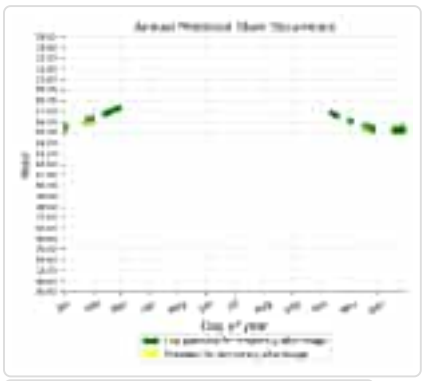
PV array 15: OP 78

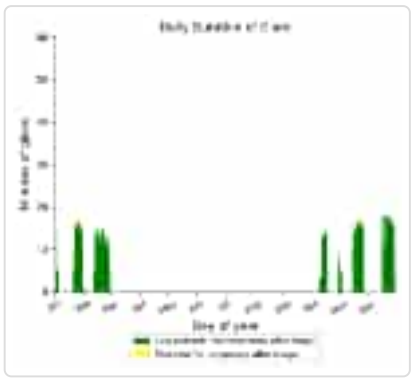
No glare found

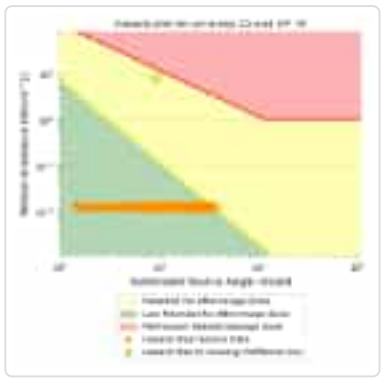
PV array 15: OP 79

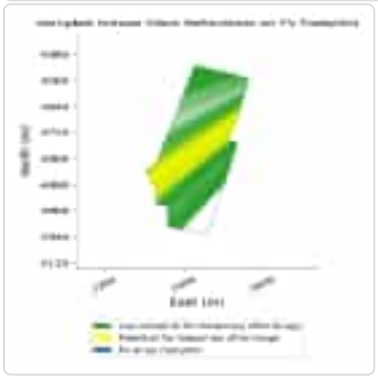
PV array is expected to produce the following glare for this receptor:

- 939 minutes of "green" glare with low potential to cause temporary after-image.
- 15 minutes of "yellow" glare with potential to cause temporary after-image.





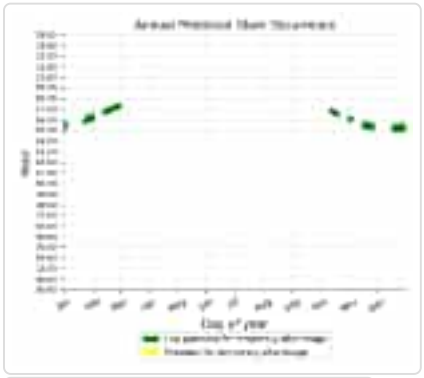


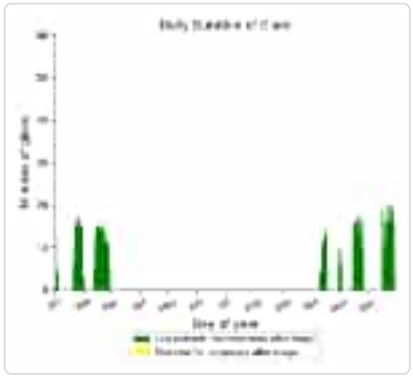


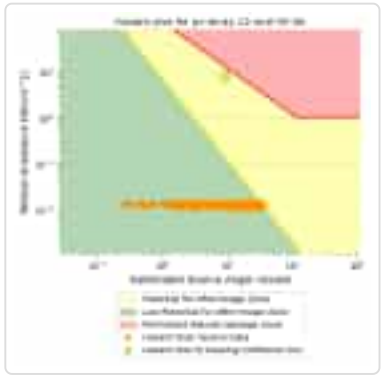
PV array 15: OP 80

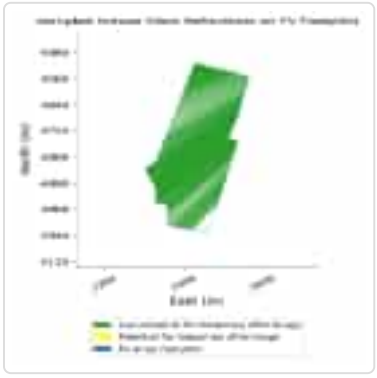
PV array is expected to produce the following glare for this receptor:

- 947 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0

OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	253	0
OP: OP 38	63	0
OP: OP 39	271	0
OP: OP 40	128	0
OP: OP 41	159	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	19	0
OP: OP 45	100	0
OP: OP 46	351	0
OP: OP 47	310	0
OP: OP 48	302	0
OP: OP 49	262	0
OP: OP 50	342	0
OP: OP 51	344	0
OP: OP 52	312	0
OP: OP 53	304	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	35	0
OP: OP 70	45	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

OP: OP 80	0	0

PV array 2: OP 1

No glare found

PV array 2: OP 2

No glare found

PV array 2: OP 3

No glare found

PV array 2: OP 4

No glare found

PV array 2: OP 5

No glare found

PV array 2: OP 6

No glare found

PV array 2: OP 7

No glare found

PV array 2: OP 8

No glare found

PV array 2: OP 9

No glare found

PV array 2: OP 10

No glare found

PV array 2: OP 11

No glare found

PV array 2: OP 12

No glare found

PV array 2: OP 13

No glare found

PV array 2: OP 14

No glare found

PV array 2: OP 15

No glare found

PV array 2: OP 16

No glare found

PV array 2: OP 17

No glare found

PV array 2: OP 18

No glare found

PV array 2: OP 19

No glare found

PV array 2: OP 20

No glare found

PV array 2: OP 21

No glare found

PV array 2: OP 22

No glare found

PV array 2: OP 23

No glare found

PV array 2: OP 24

No glare found

PV array 2: OP 25

No glare found

PV array 2: OP 26

No glare found

PV array 2: OP 27

No glare found

PV array 2: OP 28

No glare found

PV array 2: OP 29

No glare found

PV array 2: OP 30

No glare found

PV array 2: OP 31

No glare found

PV array 2: OP 32

No glare found

PV array 2: OP 33

No glare found

PV array 2: OP 34

No glare found

PV array 2: OP 35

No glare found

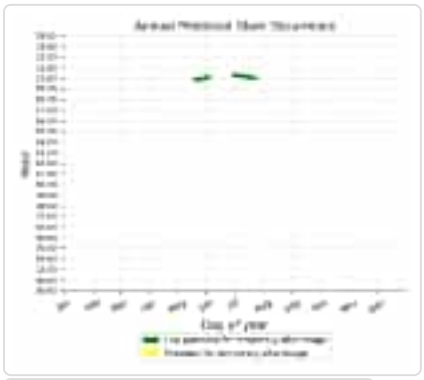
PV array 2: OP 36

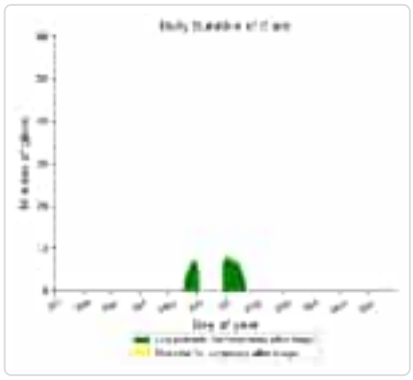
No glare found

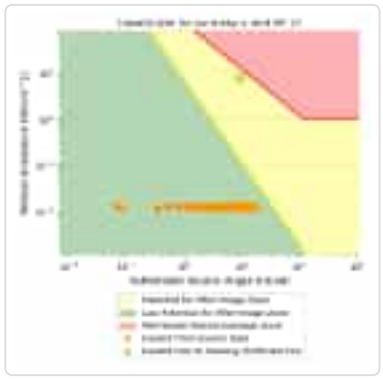
PV array 2: OP 37

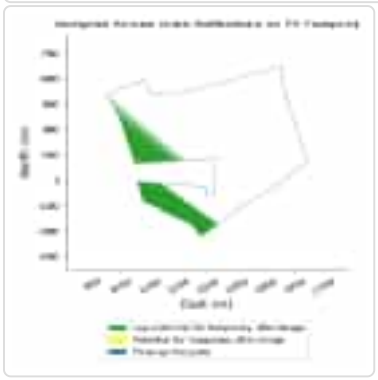
PV array is expected to produce the following glare for this receptor:

- 253 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





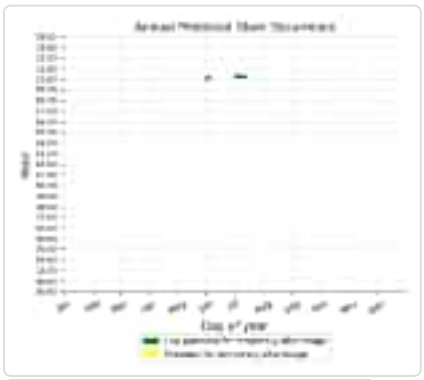


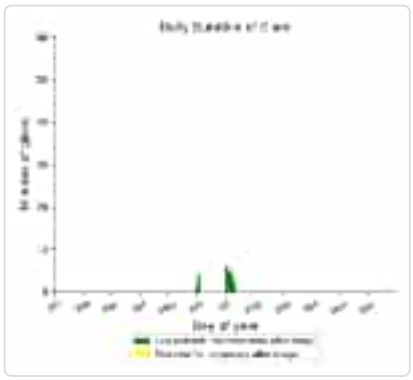


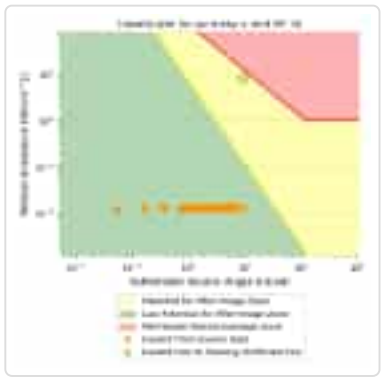
PV array 2: OP 38

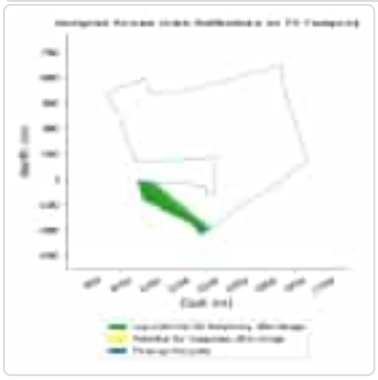
PV array is expected to produce the following glare for this receptor:

- 63 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





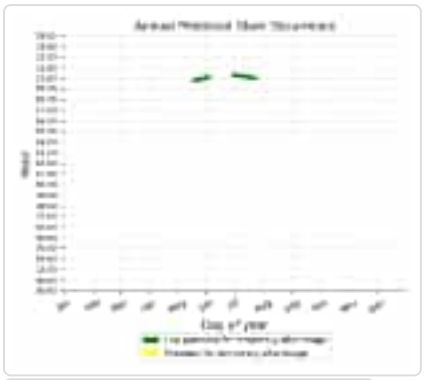


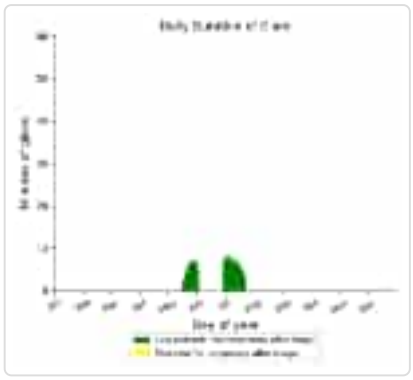


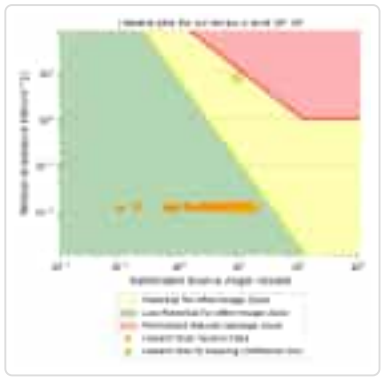
PV array 2: OP 39

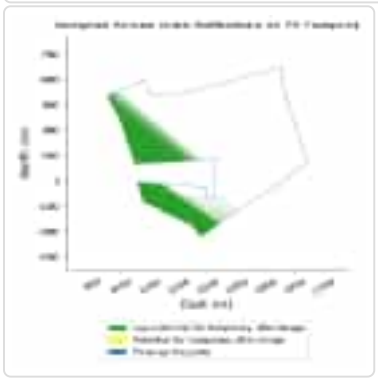
PV array is expected to produce the following glare for this receptor:

- 271 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





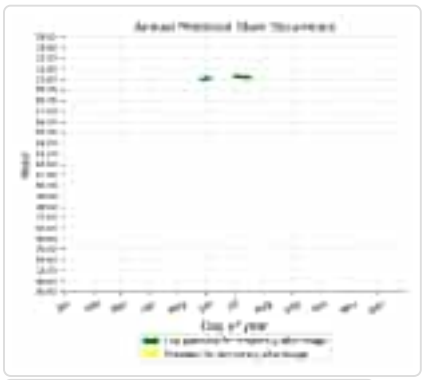


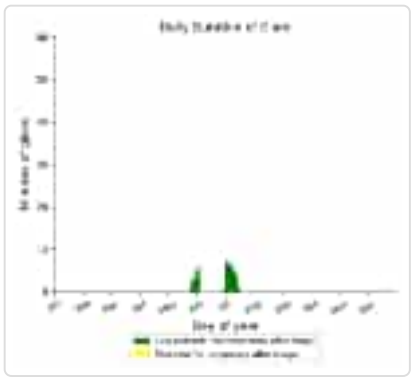


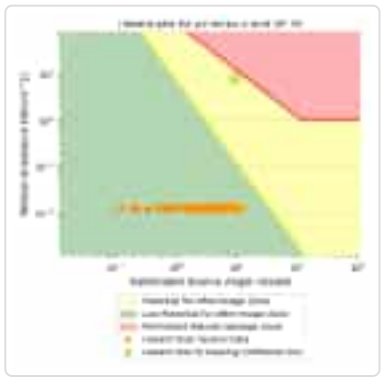
PV array 2: OP 40

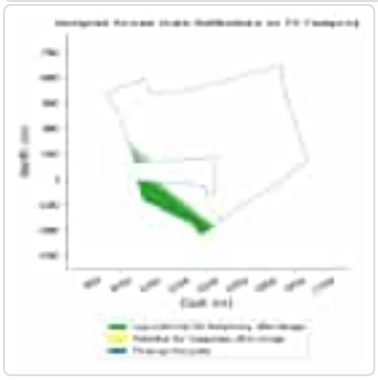
PV array is expected to produce the following glare for this receptor:

- 128 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





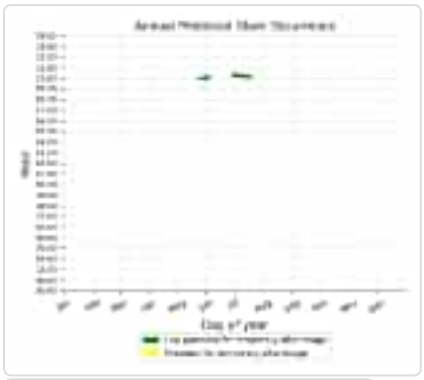


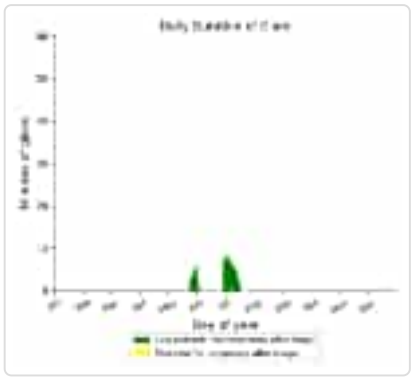


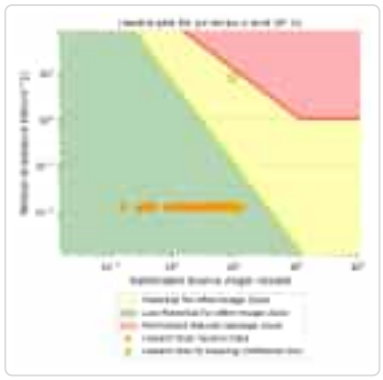
PV array 2: OP 41

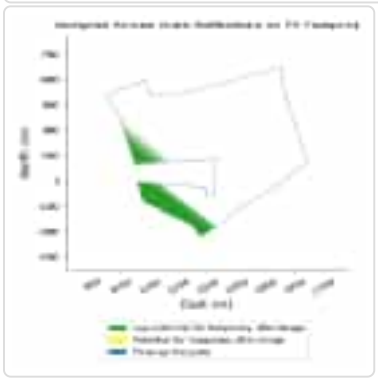
PV array is expected to produce the following glare for this receptor:

- 159 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 42

No glare found

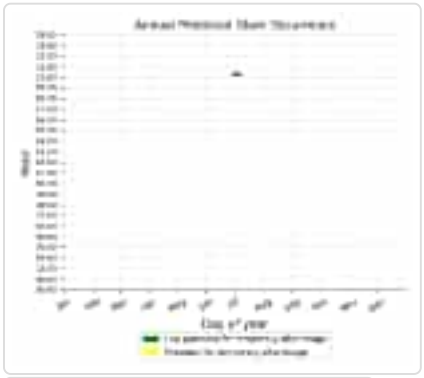
PV array 2: OP 43

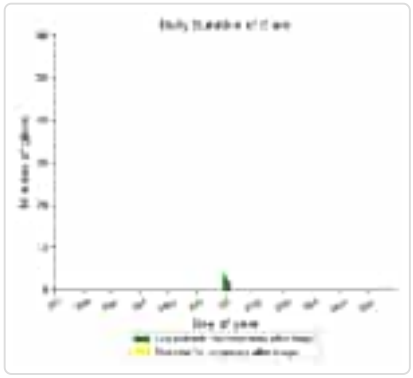
No glare found

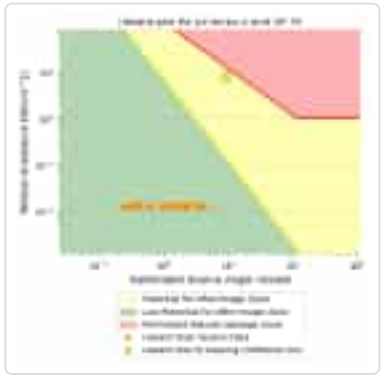
PV array 2: OP 44

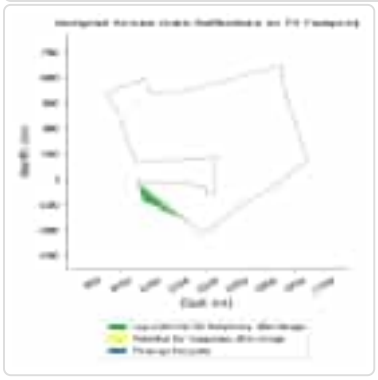
PV array is expected to produce the following glare for this receptor:

- 19 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





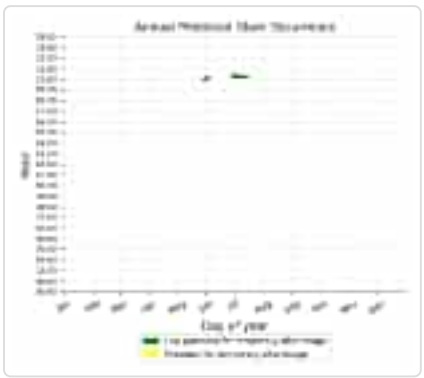


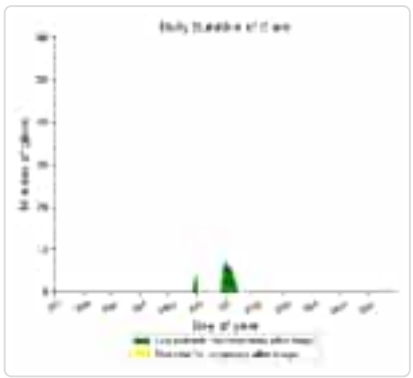


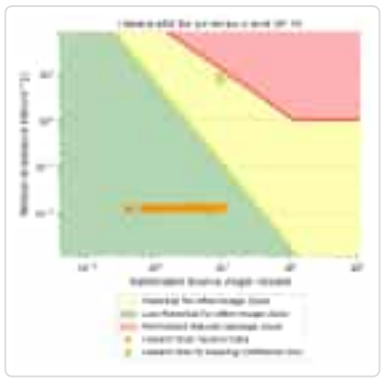
PV array 2: OP 45

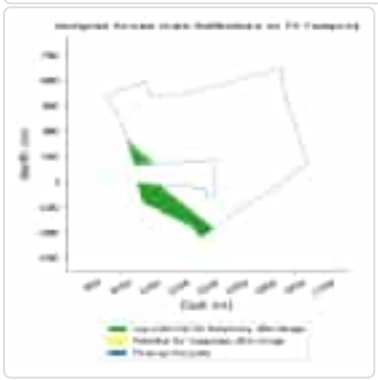
PV array is expected to produce the following glare for this receptor:

- 100 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





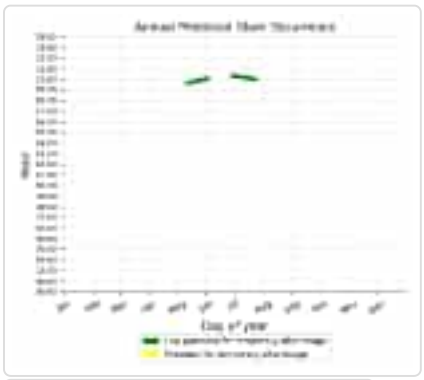


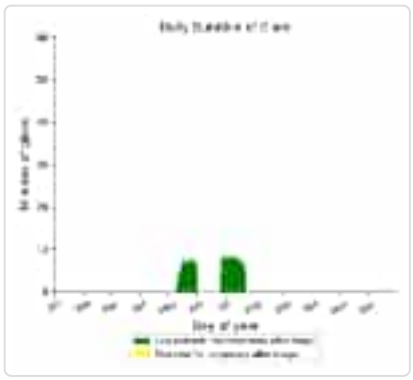


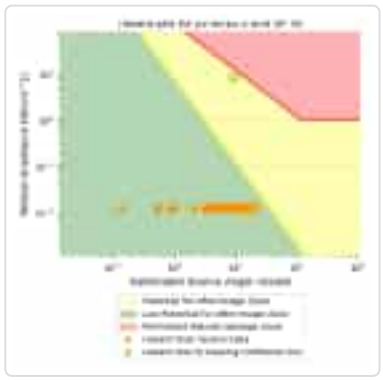
PV array 2: OP 46

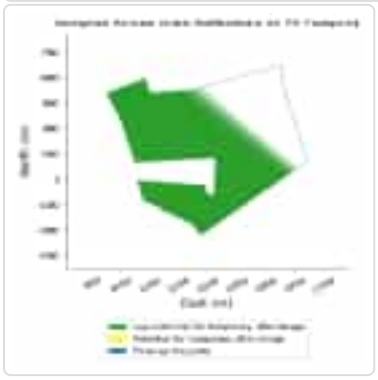
PV array is expected to produce the following glare for this receptor:

- 351 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





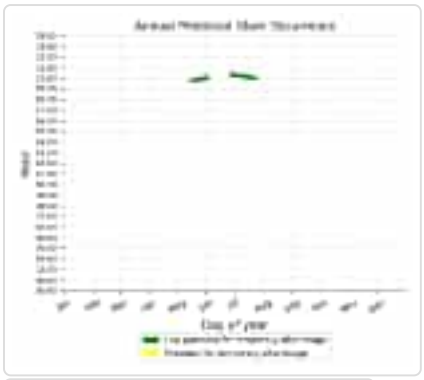


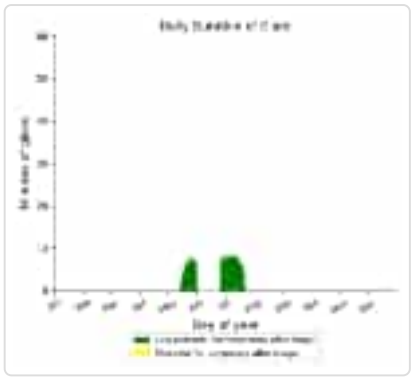


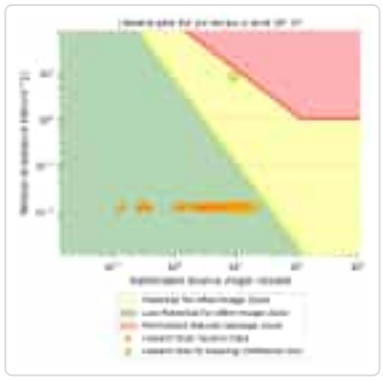
PV array 2: OP 47

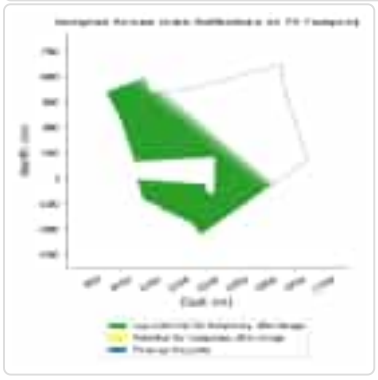
PV array is expected to produce the following glare for this receptor:

- 310 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





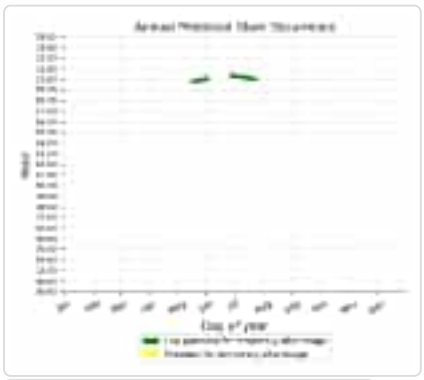


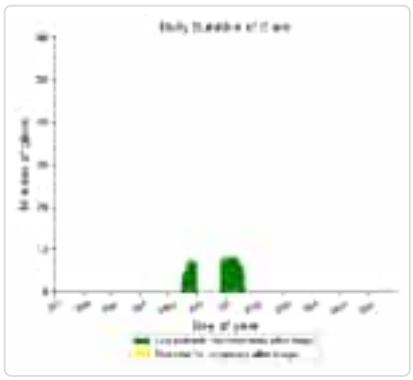


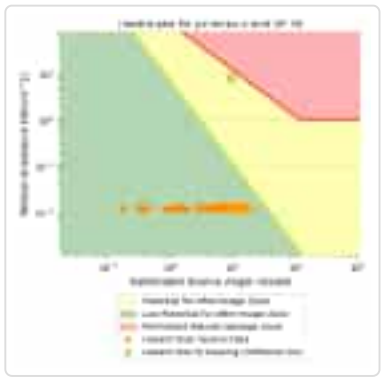
PV array 2: OP 48

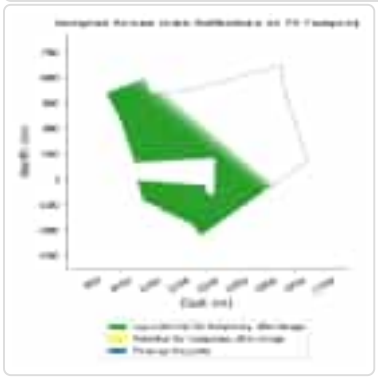
PV array is expected to produce the following glare for this receptor:

- 302 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





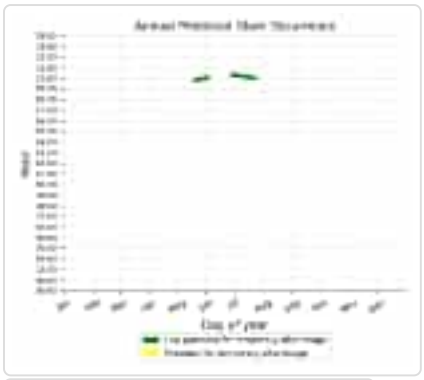


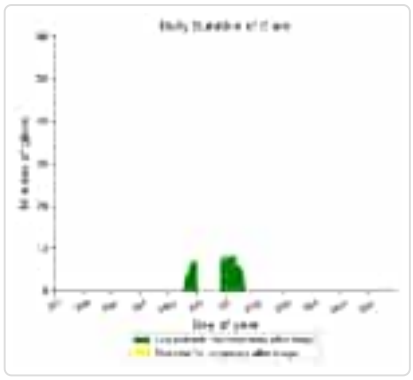


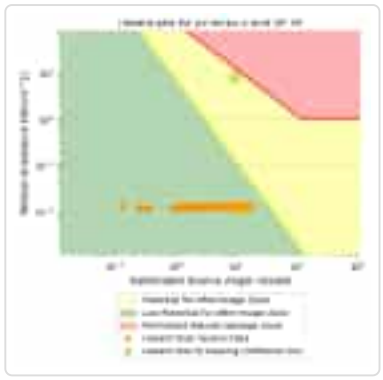
PV array 2: OP 49

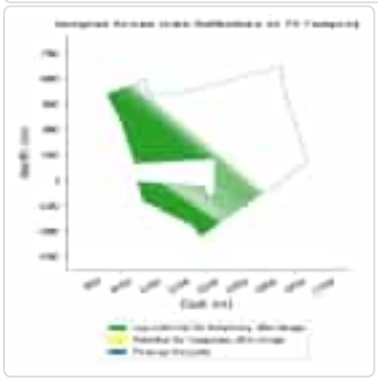
PV array is expected to produce the following glare for this receptor:

- 262 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





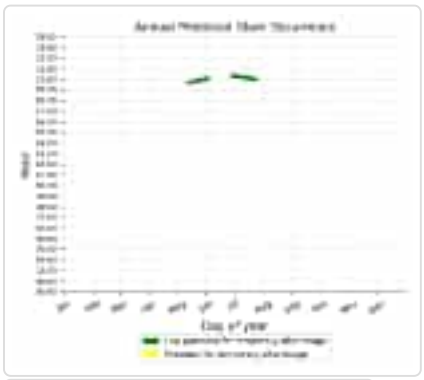


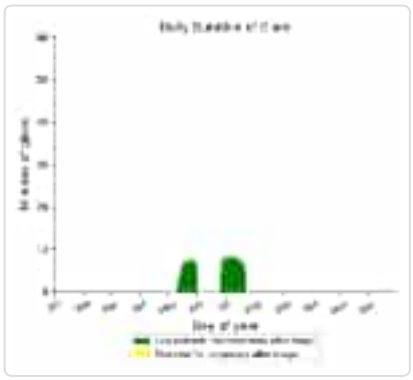


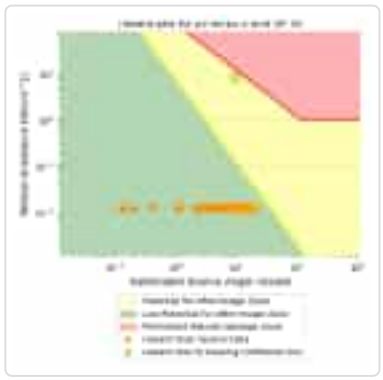
PV array 2: OP 50

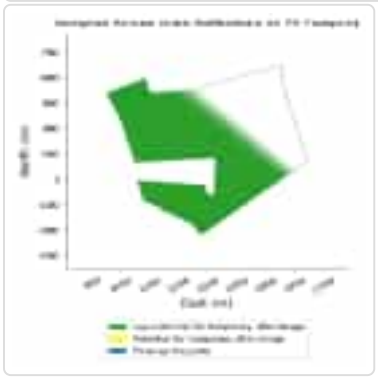
PV array is expected to produce the following glare for this receptor:

- 342 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





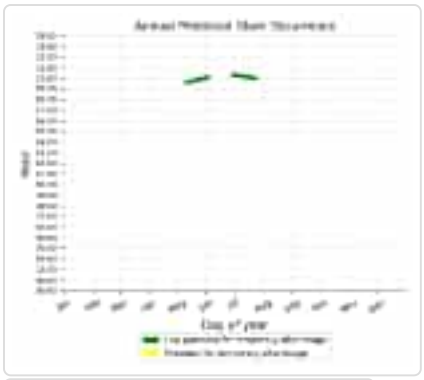


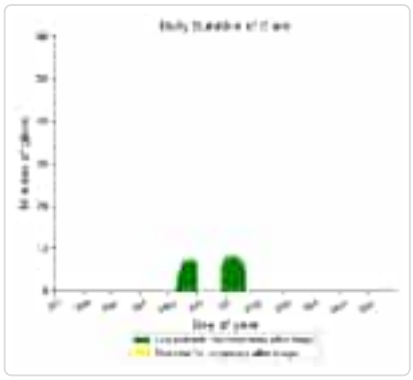


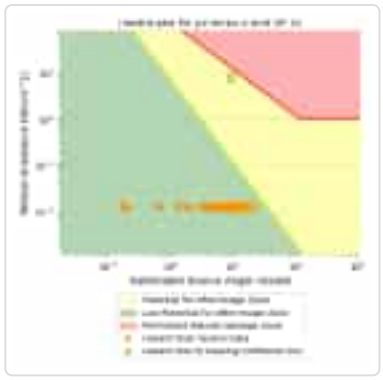
PV array 2: OP 51

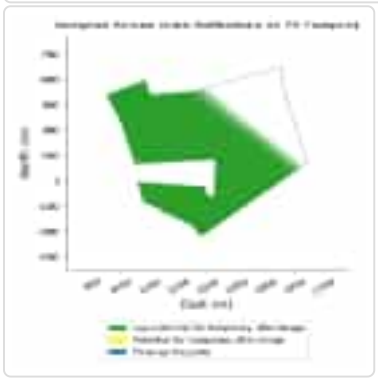
PV array is expected to produce the following glare for this receptor:

- 344 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





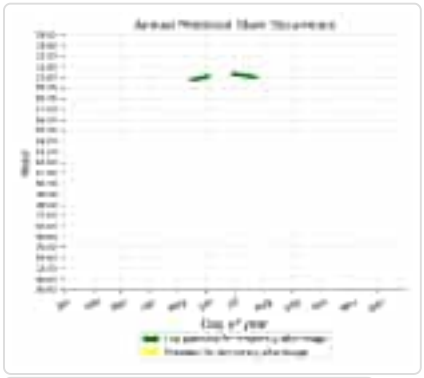


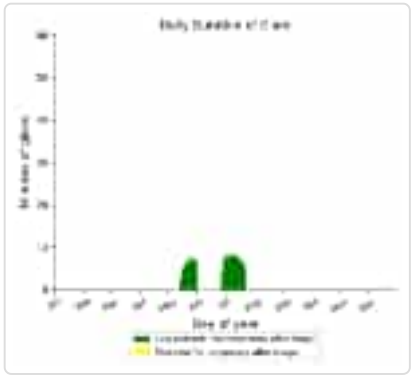


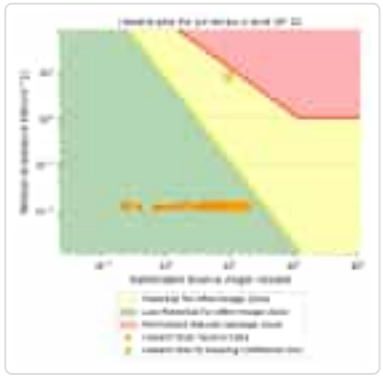
PV array 2: OP 52

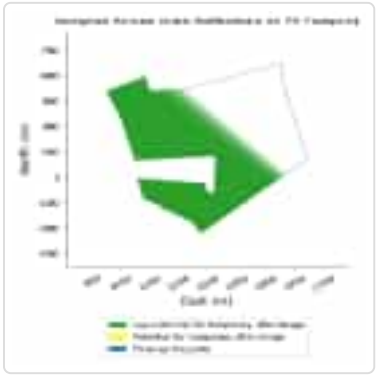
PV array is expected to produce the following glare for this receptor:

- 312 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





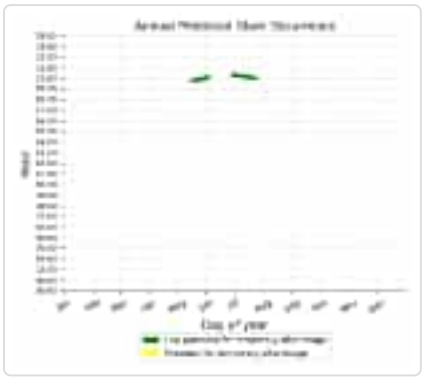


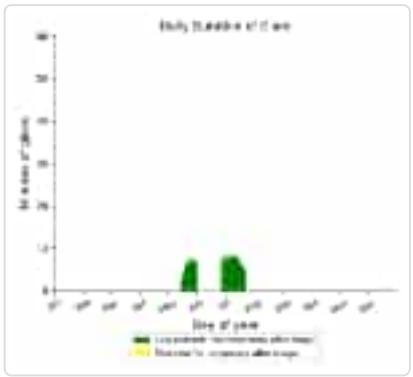


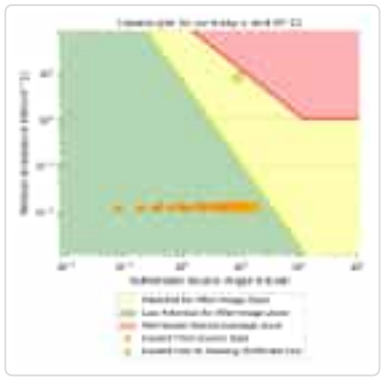
PV array 2: OP 53

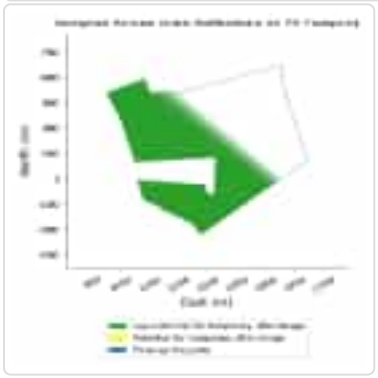
PV array is expected to produce the following glare for this receptor:

- 304 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 54

No glare found

PV array 2: OP 55

No glare found

PV array 2: OP 56

No glare found

PV array 2: OP 57

No glare found

PV array 2: OP 58

No glare found

PV array 2: OP 59

No glare found

PV array 2: OP 60

No glare found

PV array 2: OP 61

No glare found

PV array 2: OP 62

No glare found

PV array 2: OP 63

No glare found

PV array 2: OP 64

No glare found

PV array 2: OP 65

No glare found

PV array 2: OP 66

No glare found

PV array 2: OP 67

No glare found

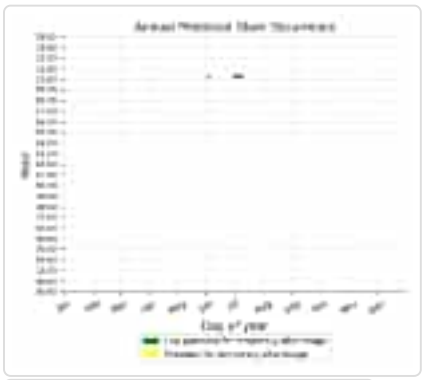
PV array 2: OP 68

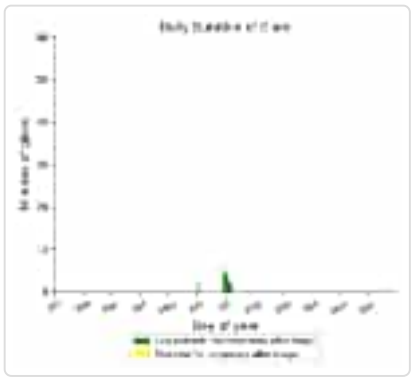
No glare found

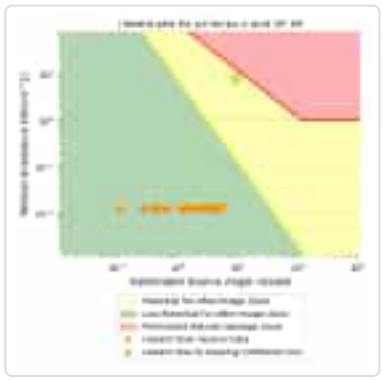
PV array 2: OP 69

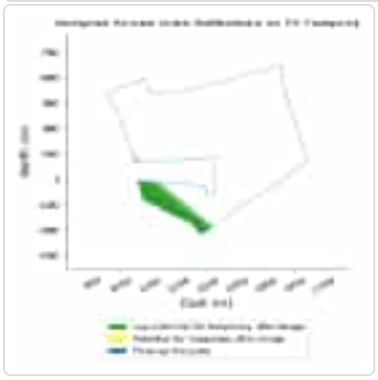
PV array is expected to produce the following glare for this receptor:

- 35 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





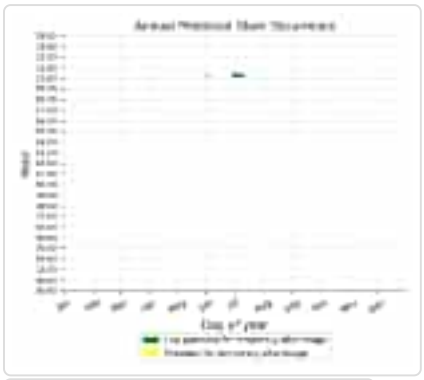


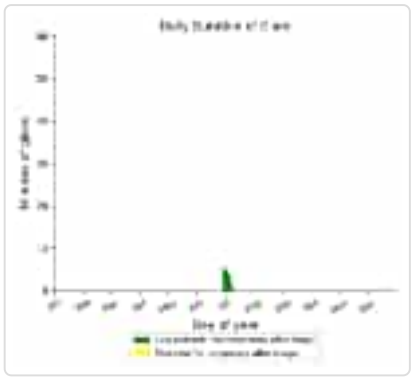


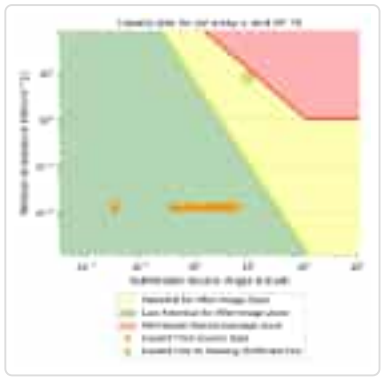
PV array 2: OP 70

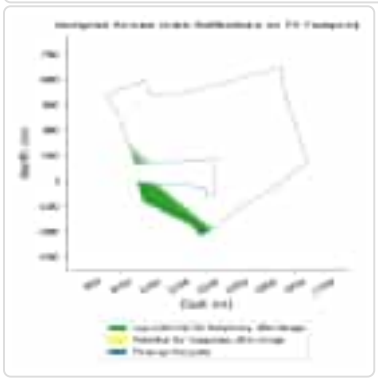
PV array is expected to produce the following glare for this receptor:

- 45 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 71

No glare found

PV array 2: OP 72

No glare found

PV array 2: OP 73

No glare found

PV array 2: OP 74

No glare found

PV array 2: OP 75

No glare found

PV array 2: OP 76

No glare found

PV array 2: OP 77

No glare found

PV array 2: OP 78

No glare found

PV array 2: OP 79

No glare found

PV array 2: OP 80

No glare found

PV array 3 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	225	0
OP: OP 2	225	0
OP: OP 3	911	120
OP: OP 4	101	0
OP: OP 5	113	0
OP: OP 6	113	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	68	0
OP: OP 14	165	0
OP: OP 15	225	0
OP: OP 16	225	0
OP: OP 17	225	0
OP: OP 18	225	0
OP: OP 19	206	0
OP: OP 20	206	0

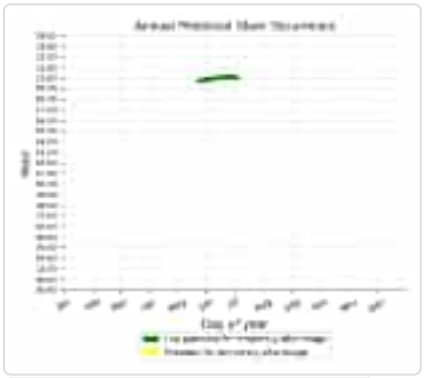
OP: OP 21	96	0
OP: OP 22	17	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	29	0
OP: OP 38	225	0
OP: OP 39	25	0
OP: OP 40	181	0
OP: OP 41	196	0
OP: OP 42	223	0
OP: OP 43	198	0
OP: OP 44	224	0
OP: OP 45	206	0
OP: OP 46	0	0
OP: OP 47	28	0
OP: OP 48	38	0
OP: OP 49	65	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	16	0
OP: OP 53	46	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	89	0
OP: OP 57	67	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	22	0
OP: OP 67	34	0
OP: OP 68	100	0
OP: OP 69	178	0
OP: OP 70	120	0
OP: OP 71	171	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0

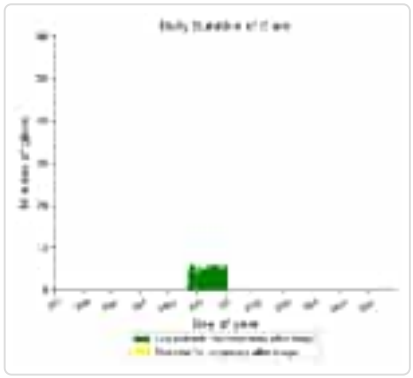
OP: OP 75	0	0
OP: OP 76	40	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

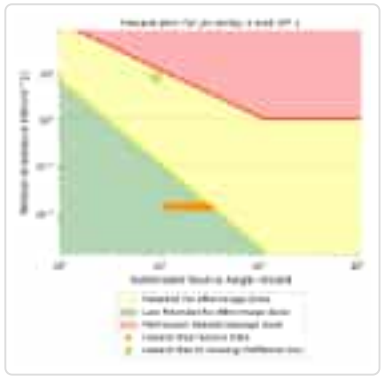
PV array 3: OP 1

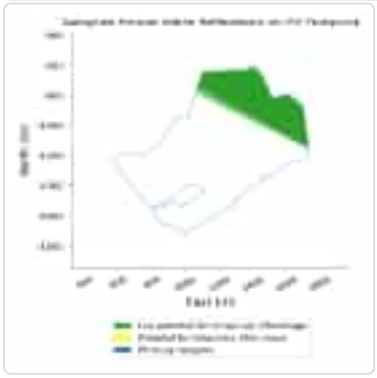
PV array is expected to produce the following glare for this receptor:

- 225 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





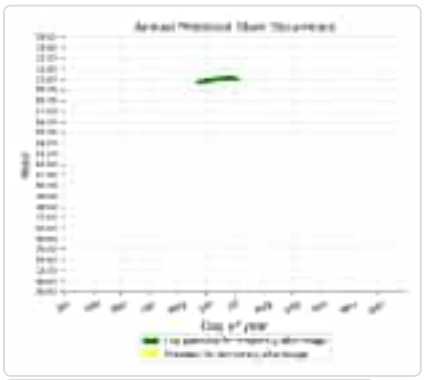


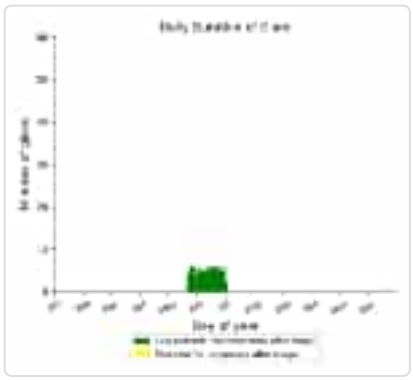


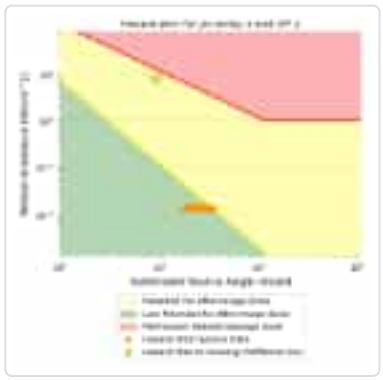
PV array 3: OP 2

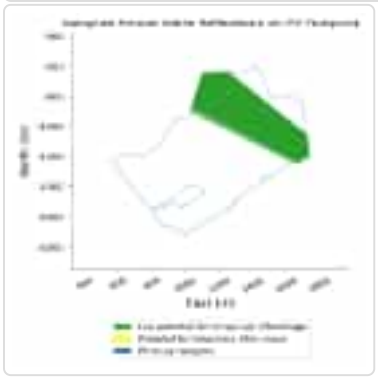
PV array is expected to produce the following glare for this receptor:

- 225 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





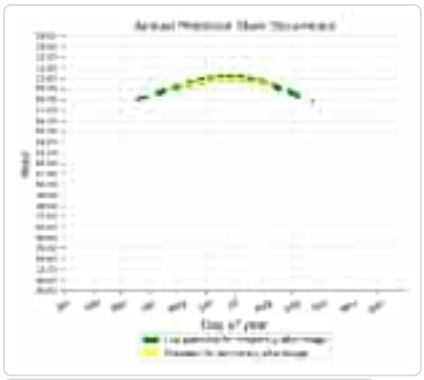


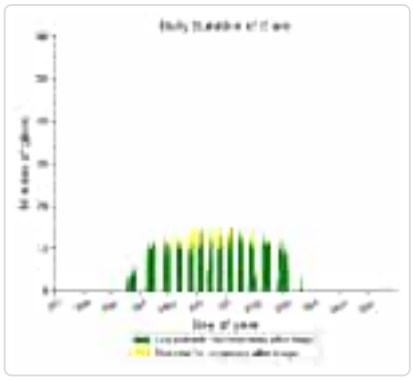


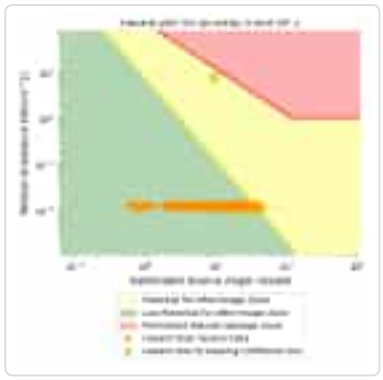
PV array 3: OP 3

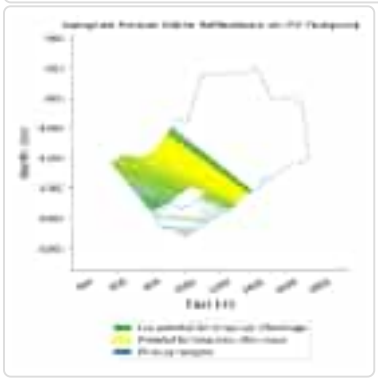
PV array is expected to produce the following glare for this receptor:

- 911 minutes of "green" glare with low potential to cause temporary after-image.
- 120 minutes of "yellow" glare with potential to cause temporary after-image.





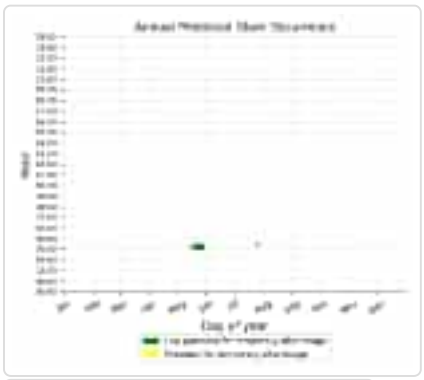


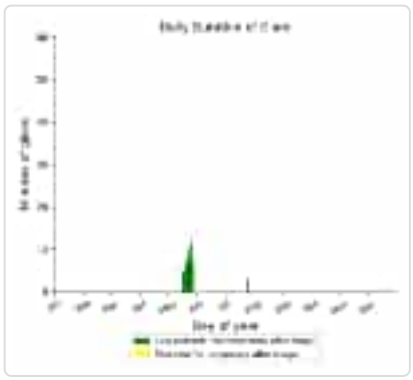


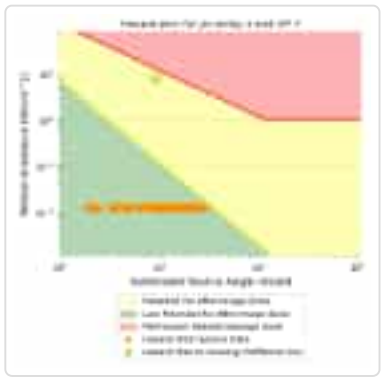
PV array 3: OP 4

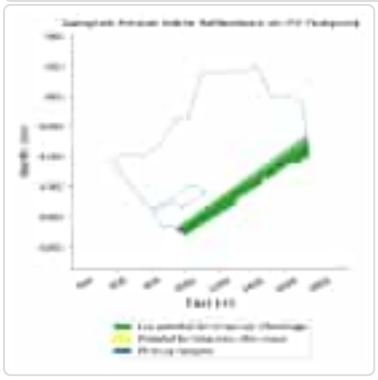
PV array is expected to produce the following glare for this receptor:

- 101 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





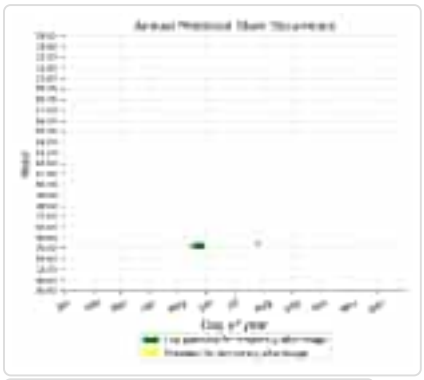


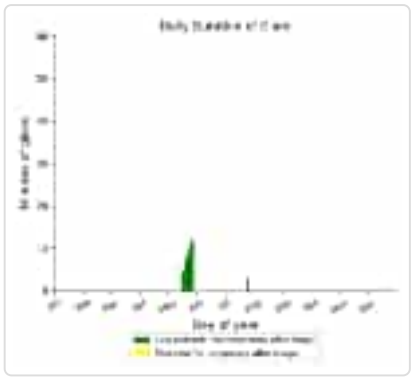


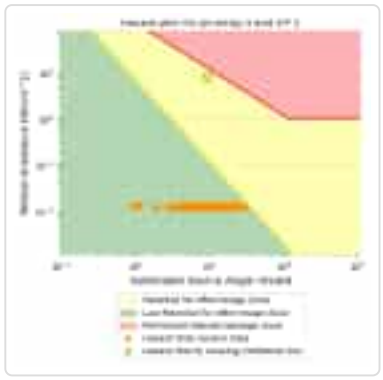
PV array 3: OP 5

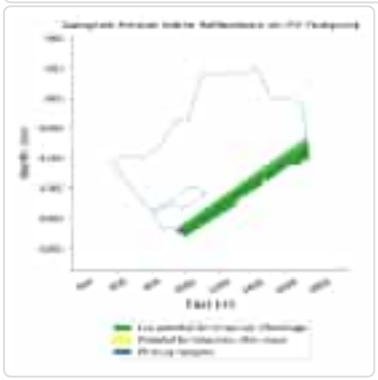
PV array is expected to produce the following glare for this receptor:

- 113 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





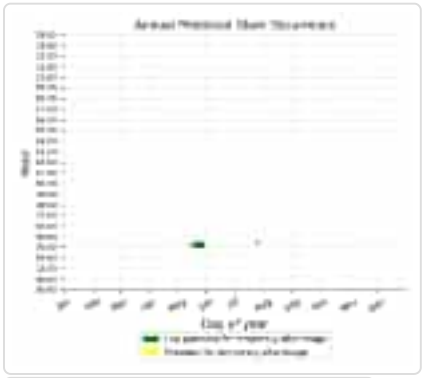


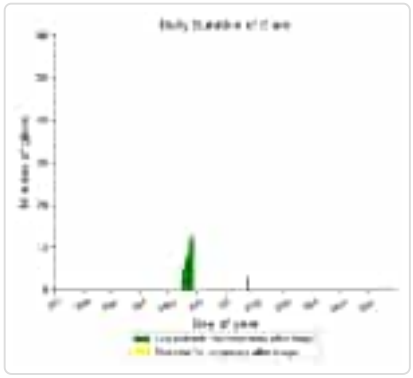


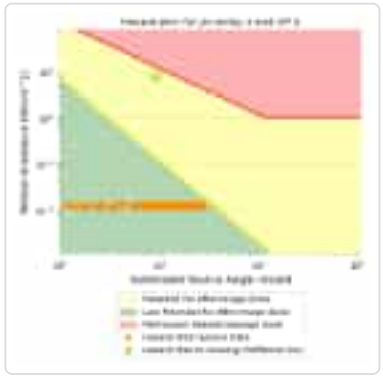
PV array 3: OP 6

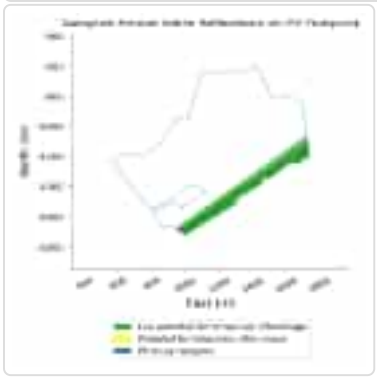
PV array is expected to produce the following glare for this receptor:

- 113 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 7

No glare found

PV array 3: OP 8

No glare found

PV array 3: OP 9

No glare found

PV array 3: OP 10

No glare found

PV array 3: OP 11

No glare found

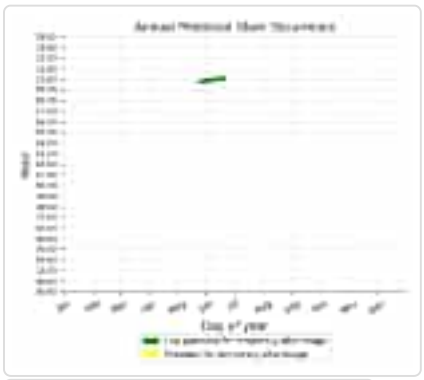
PV array 3: OP 12

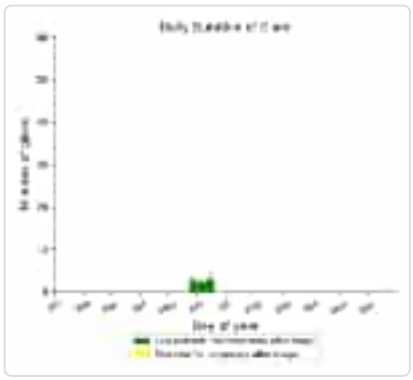
No glare found

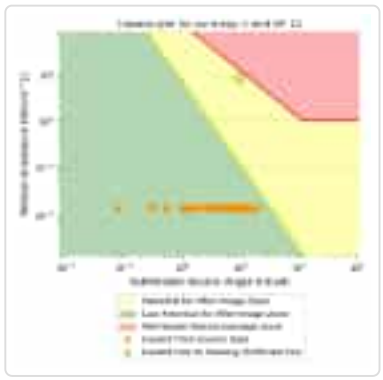
PV array 3: OP 13

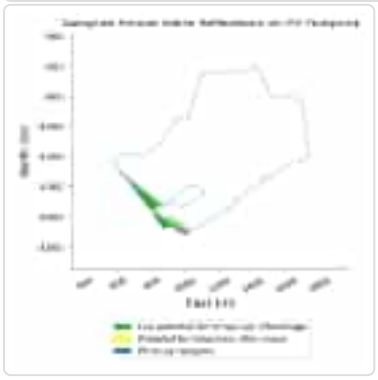
PV array is expected to produce the following glare for this receptor:

- 68 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





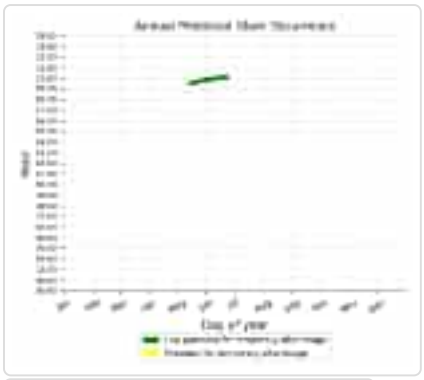


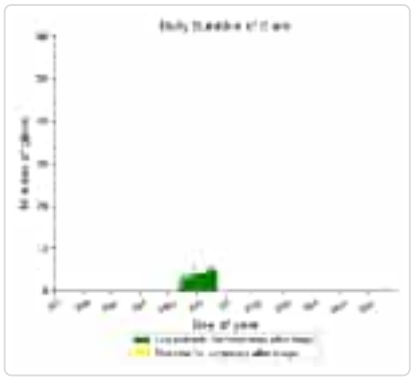


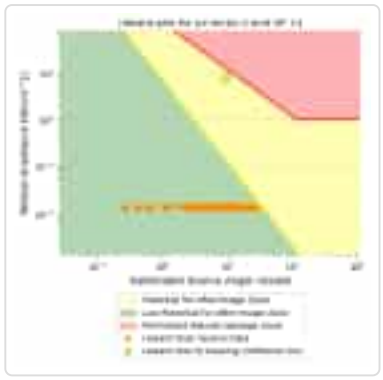
PV array 3: OP 14

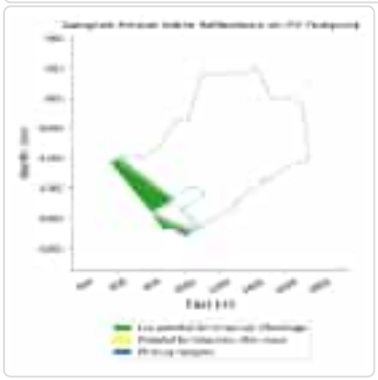
PV array is expected to produce the following glare for this receptor:

- 165 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





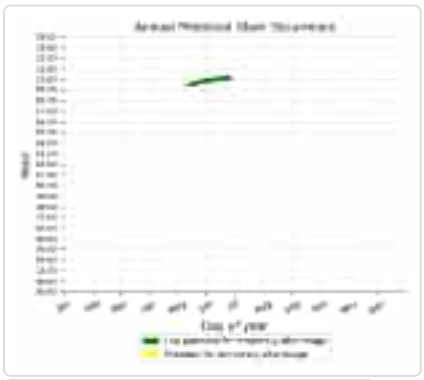


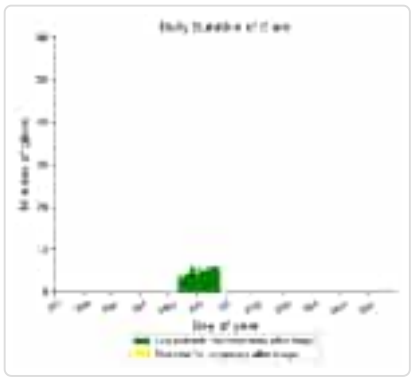


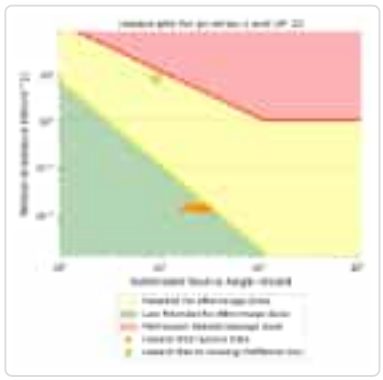
PV array 3: OP 15

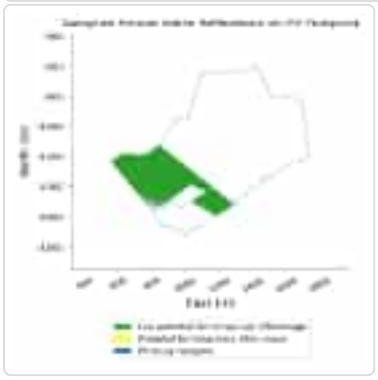
PV array is expected to produce the following glare for this receptor:

- 225 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





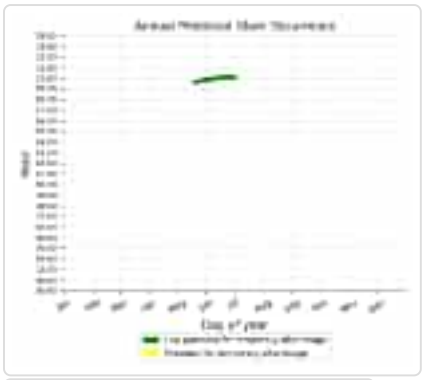


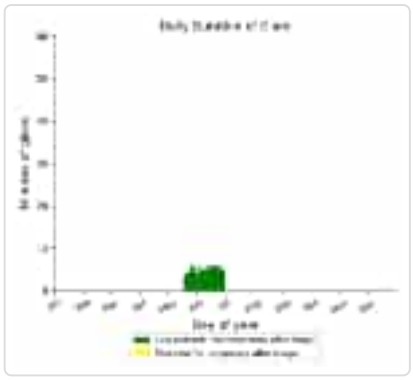


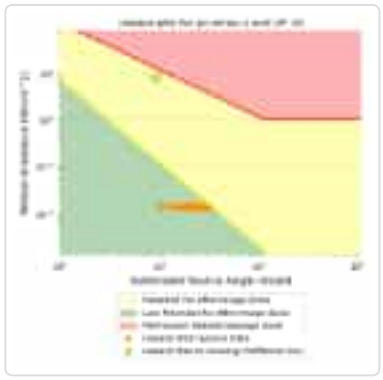
PV array 3: OP 16

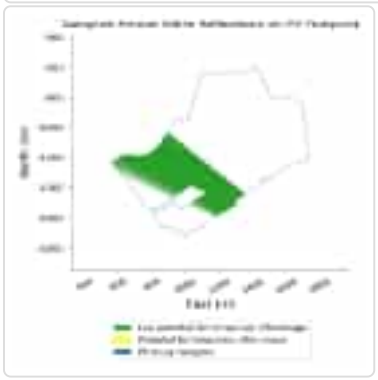
PV array is expected to produce the following glare for this receptor:

- 225 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





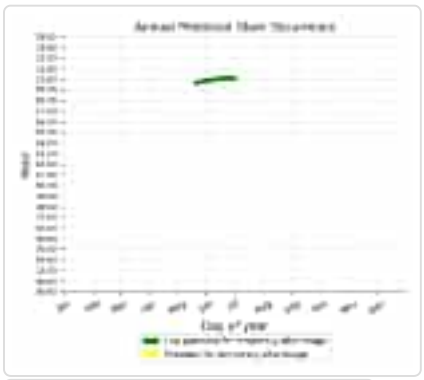


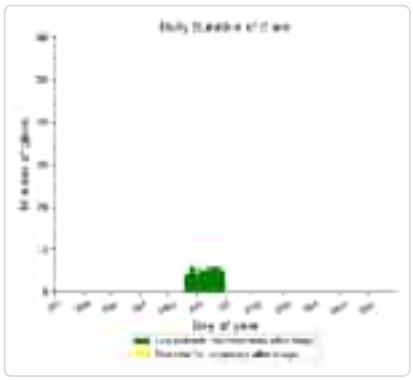


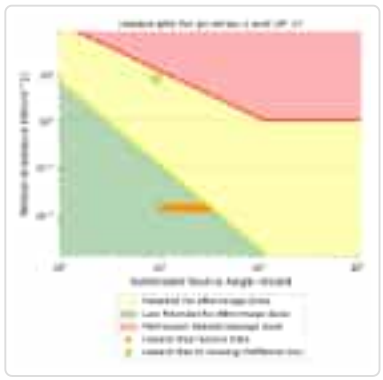
PV array 3: OP 17

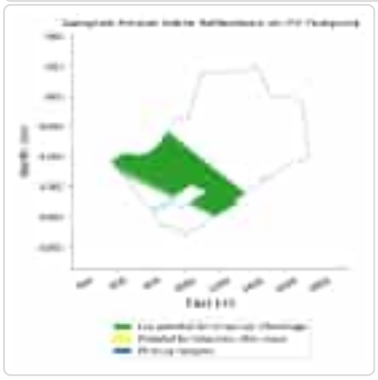
PV array is expected to produce the following glare for this receptor:

- 225 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





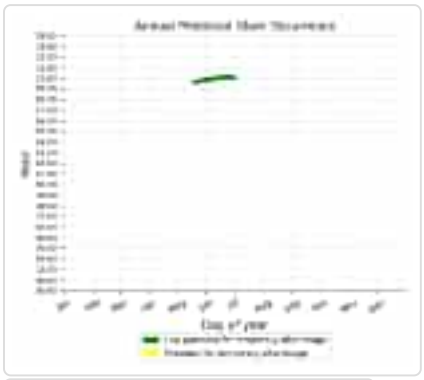


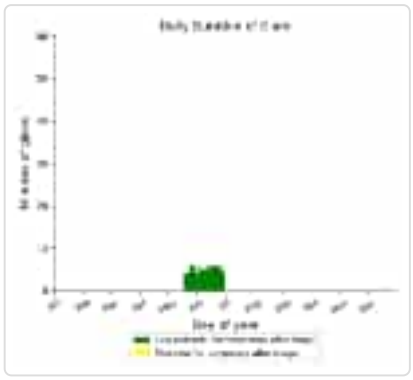


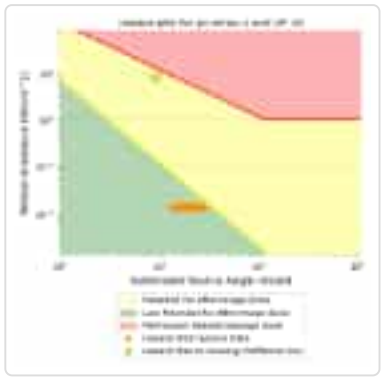
PV array 3: OP 18

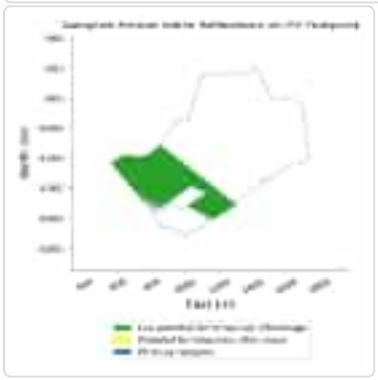
PV array is expected to produce the following glare for this receptor:

- 225 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





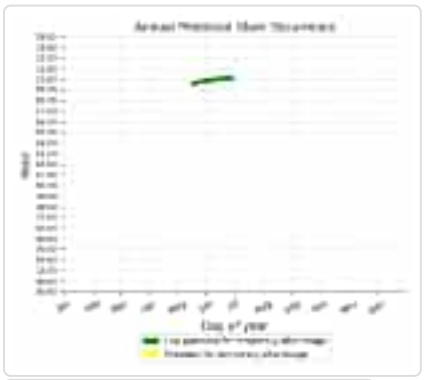


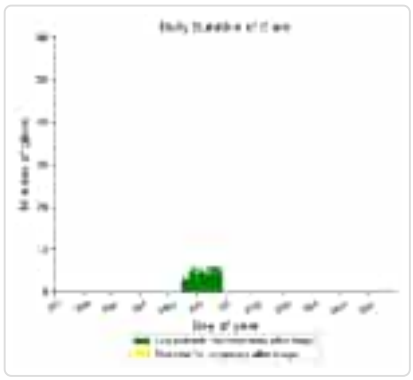


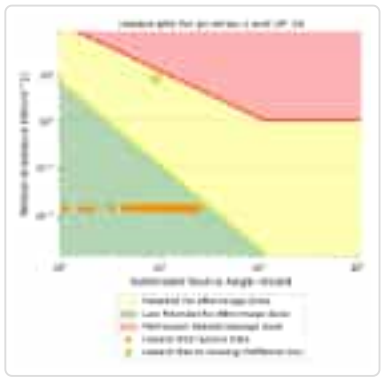
PV array 3: OP 19

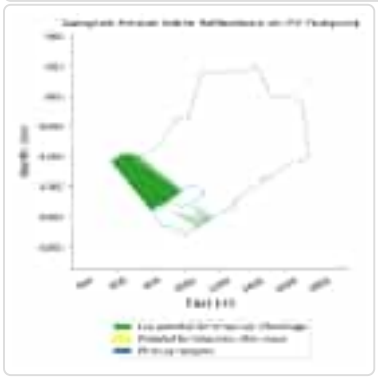
PV array is expected to produce the following glare for this receptor:

- 206 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





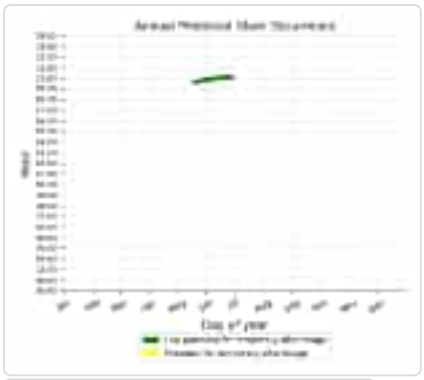


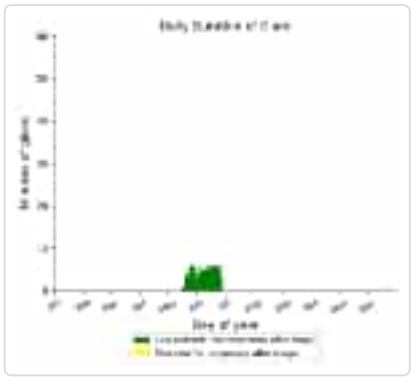


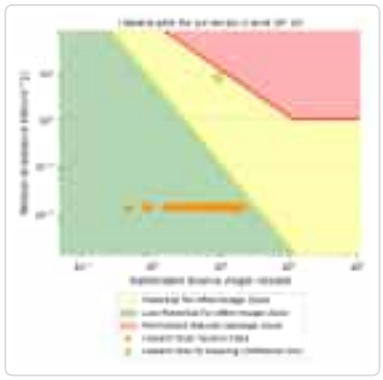
PV array 3: OP 20

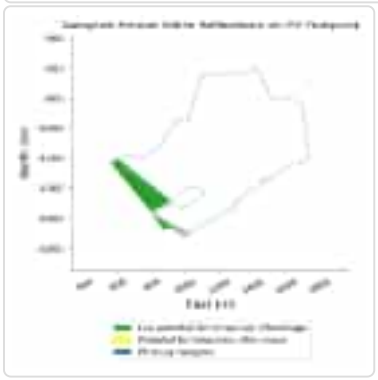
PV array is expected to produce the following glare for this receptor:

- 206 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





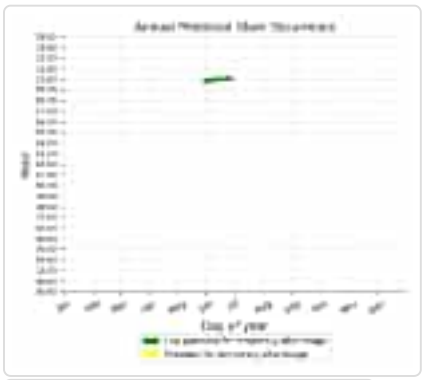


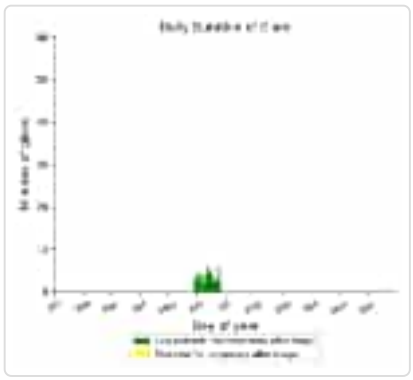


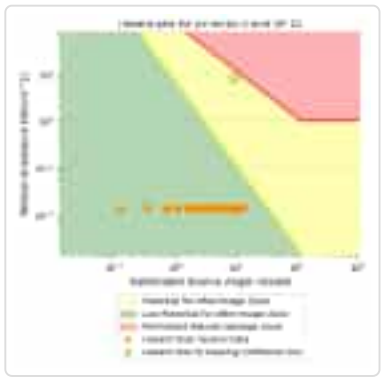
PV array 3: OP 21

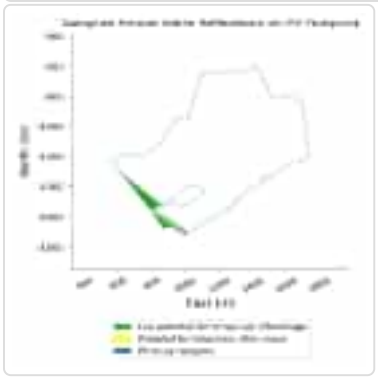
PV array is expected to produce the following glare for this receptor:

- 96 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





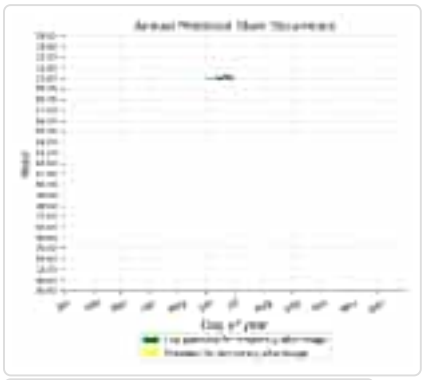


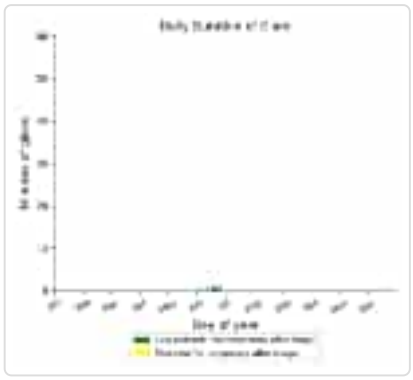


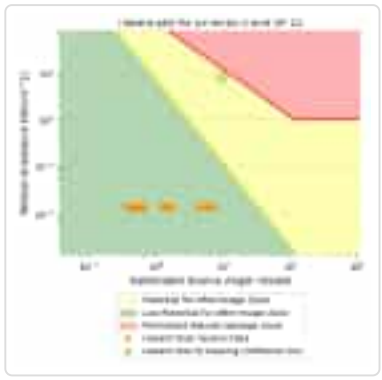
PV array 3: OP 22

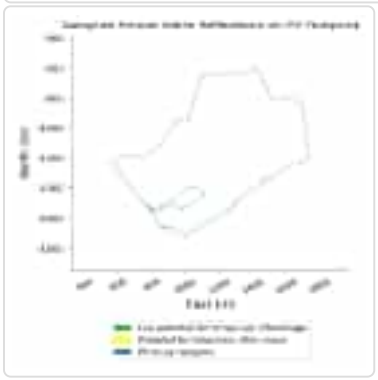
PV array is expected to produce the following glare for this receptor:

- 17 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 23

No glare found

PV array 3: OP 24

No glare found

PV array 3: OP 25

No glare found

PV array 3: OP 26

No glare found

PV array 3: OP 27

No glare found

PV array 3: OP 28

No glare found

PV array 3: OP 29

No glare found

PV array 3: OP 30

No glare found

PV array 3: OP 31

No glare found

PV array 3: OP 32

No glare found

PV array 3: OP 33

No glare found

PV array 3: OP 34

No glare found

PV array 3: OP 35

No glare found

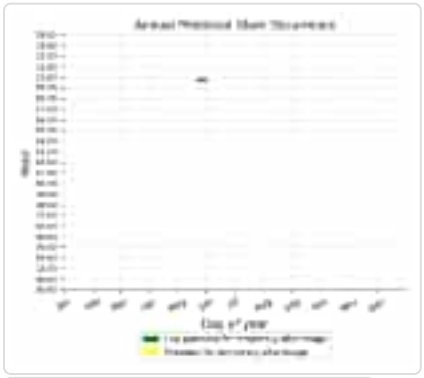
PV array 3: OP 36

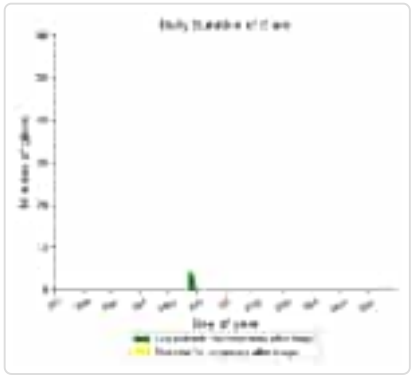
No glare found

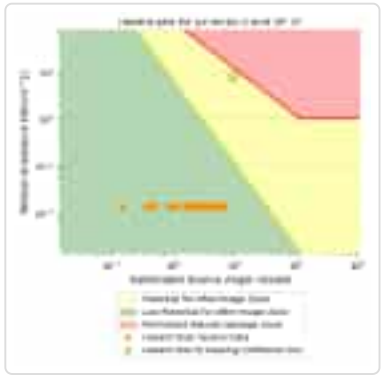
PV array 3: OP 37

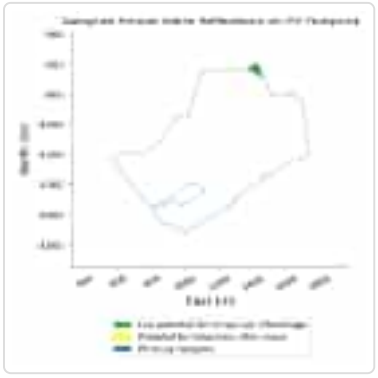
PV array is expected to produce the following glare for this receptor:

- 29 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





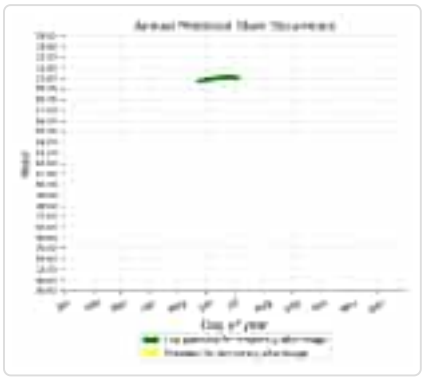


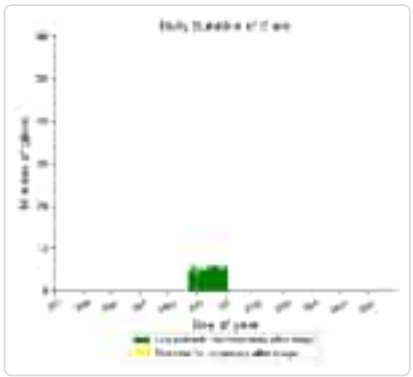


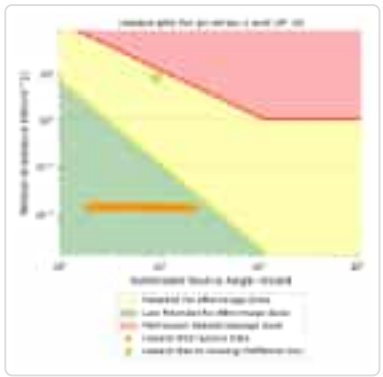
PV array 3: OP 38

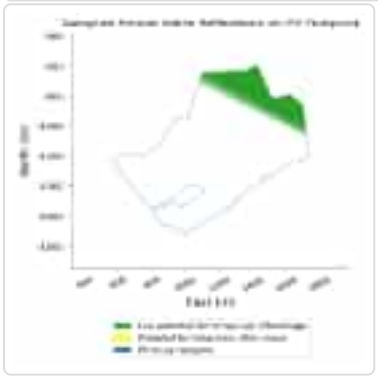
PV array is expected to produce the following glare for this receptor:

- 225 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





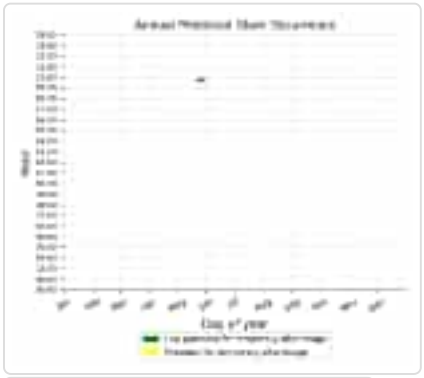


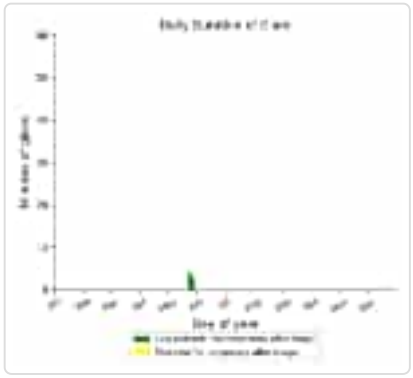


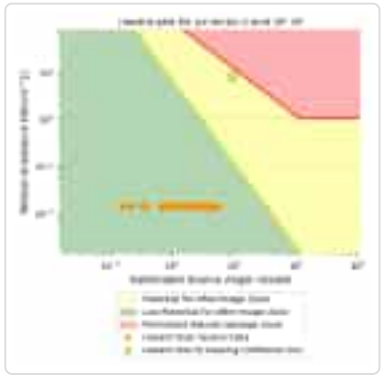
PV array 3: OP 39

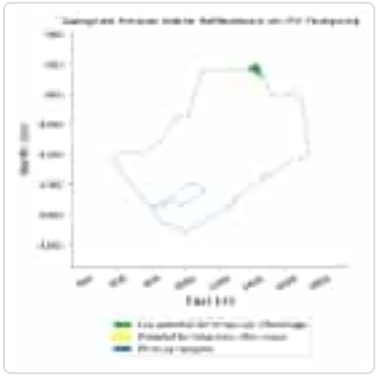
PV array is expected to produce the following glare for this receptor:

- 25 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





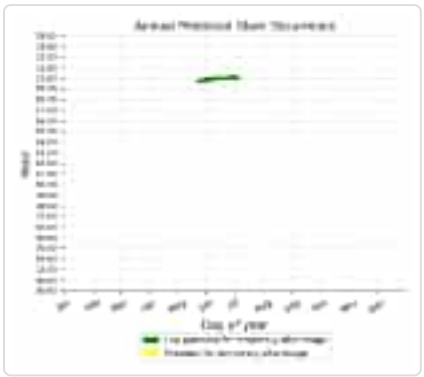


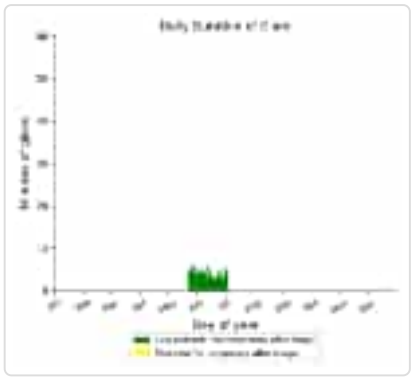


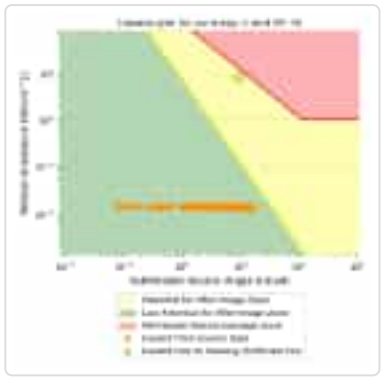
PV array 3: OP 40

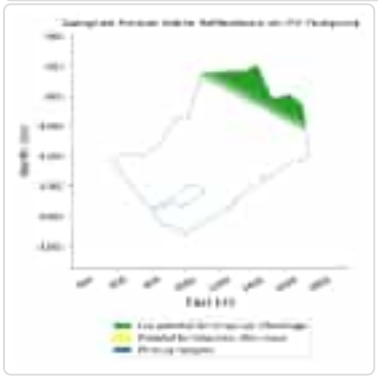
PV array is expected to produce the following glare for this receptor:

- 181 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





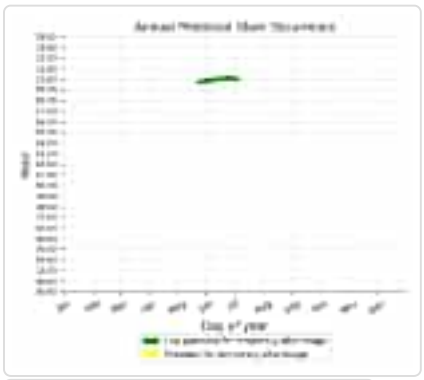


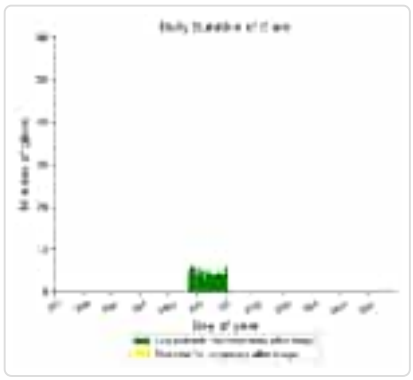


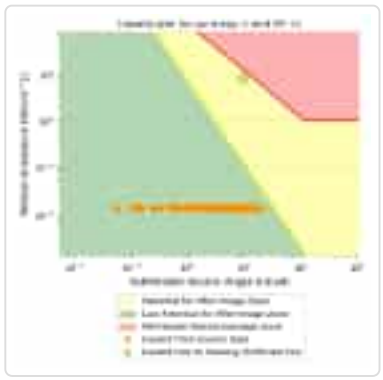
PV array 3: OP 41

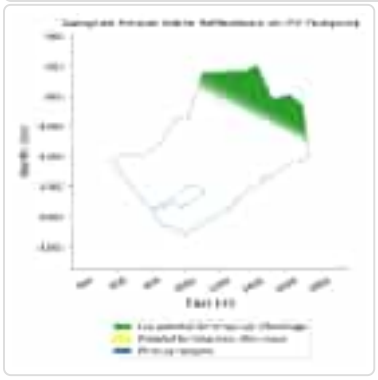
PV array is expected to produce the following glare for this receptor:

- 196 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





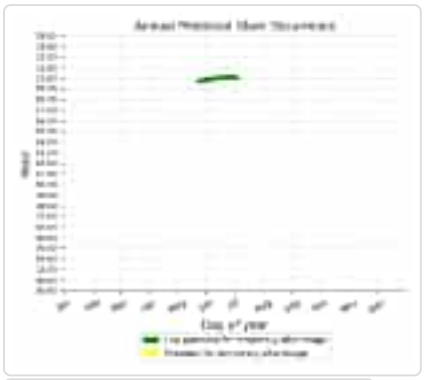


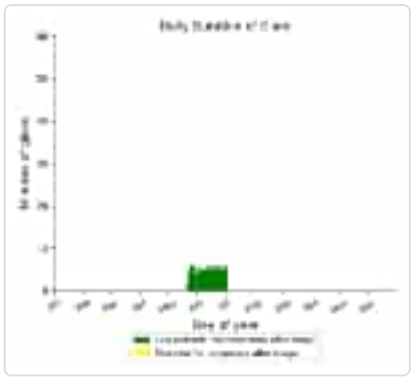


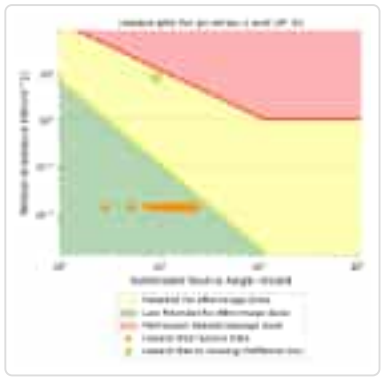
PV array 3: OP 42

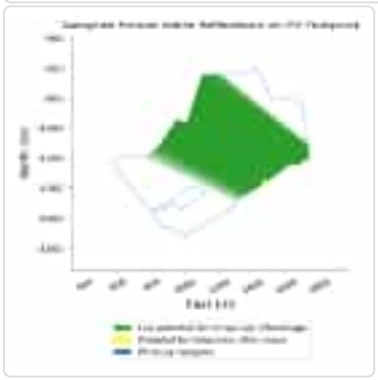
PV array is expected to produce the following glare for this receptor:

- 223 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





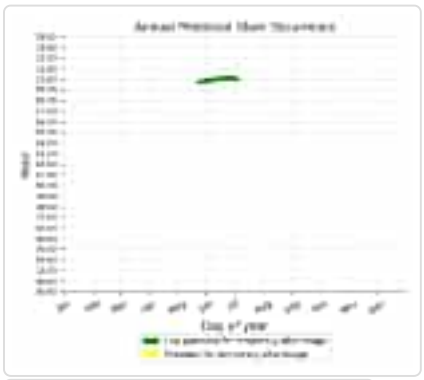


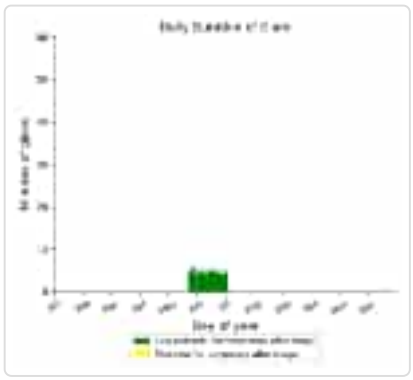


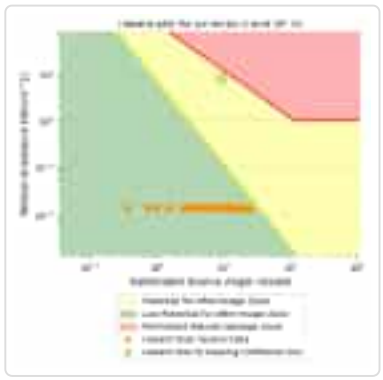
PV array 3: OP 43

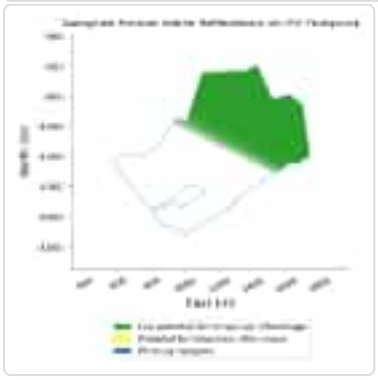
PV array is expected to produce the following glare for this receptor:

- 198 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





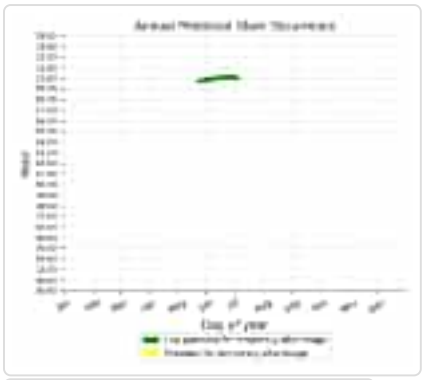


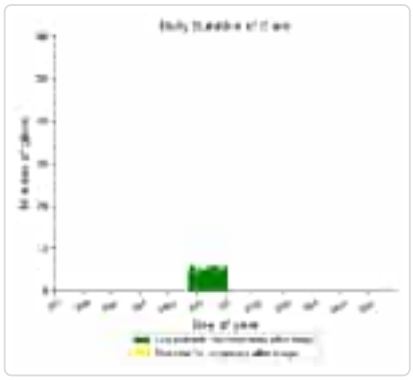


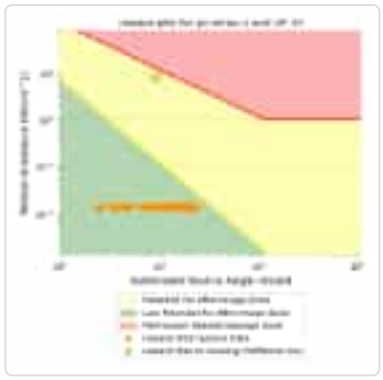
PV array 3: OP 44

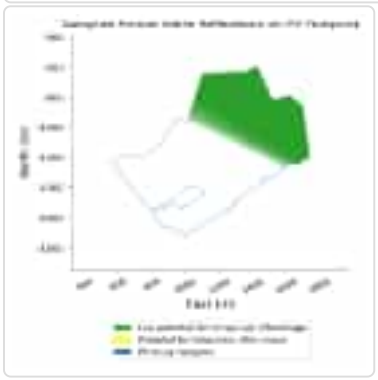
PV array is expected to produce the following glare for this receptor:

- 224 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





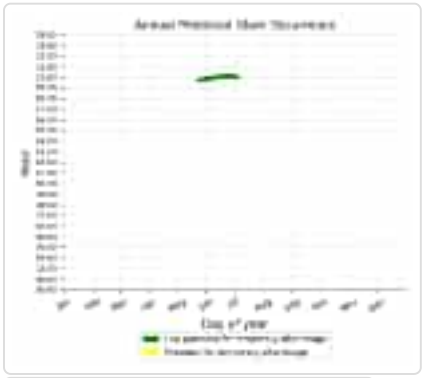


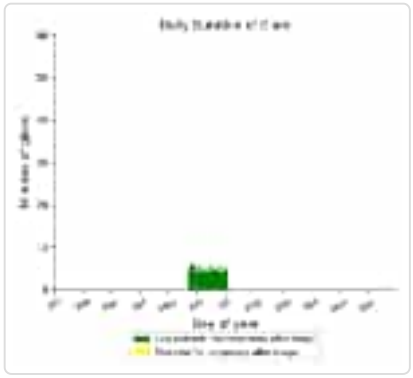


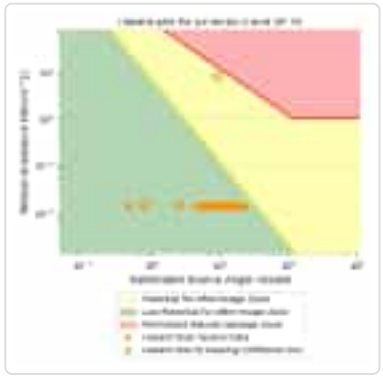
PV array 3: OP 45

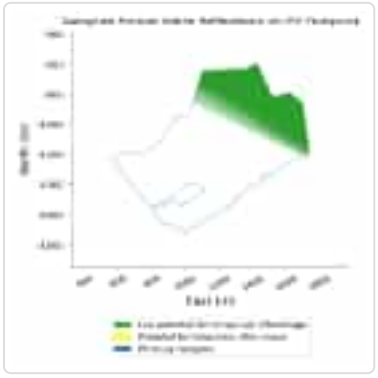
PV array is expected to produce the following glare for this receptor:

- 206 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









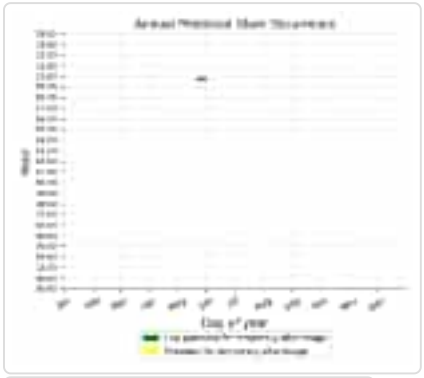
PV array 3: OP 46

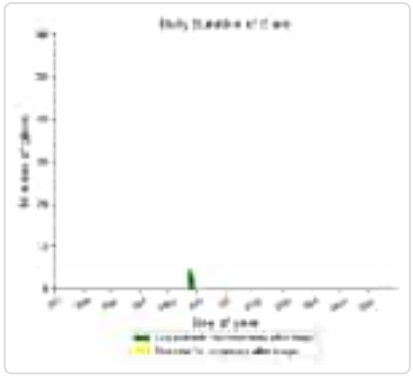
No glare found

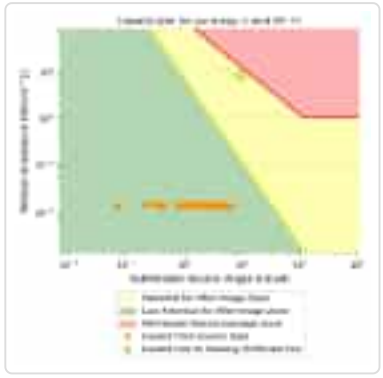
PV array 3: OP 47

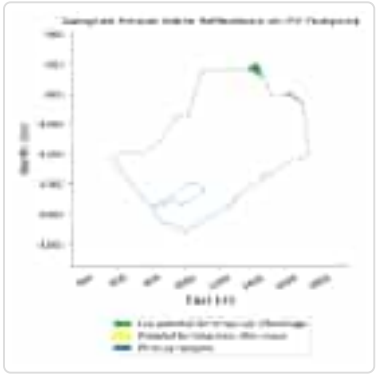
PV array is expected to produce the following glare for this receptor:

- 28 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





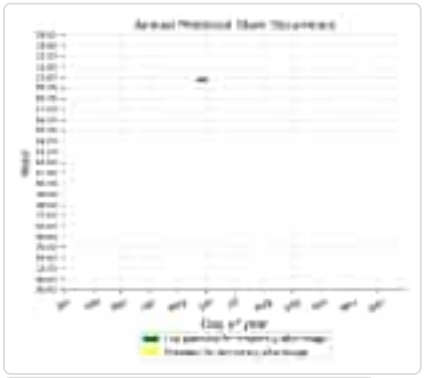


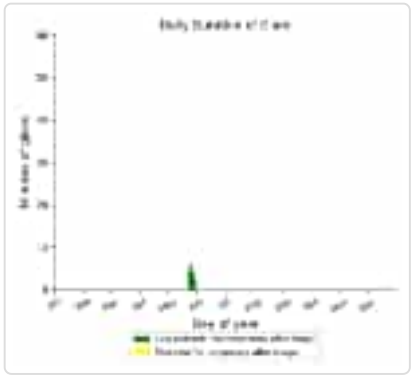


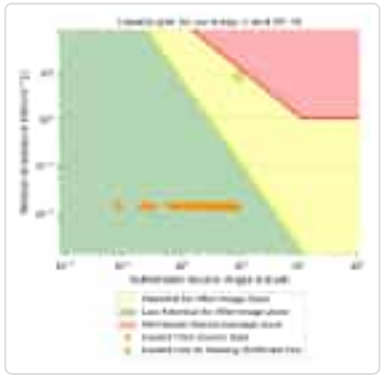
PV array 3: OP 48

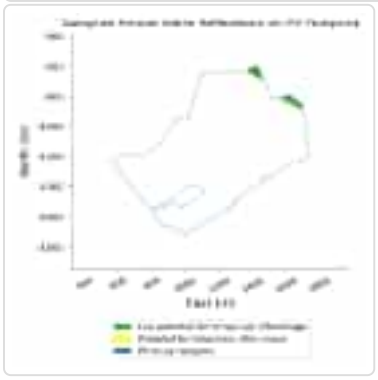
PV array is expected to produce the following glare for this receptor:

- 38 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





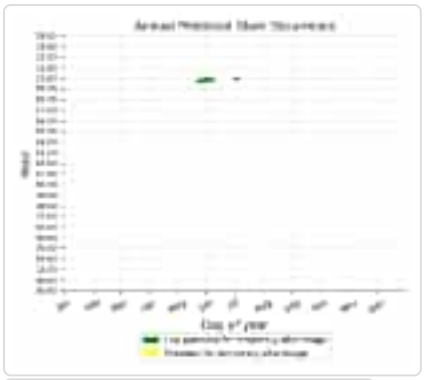


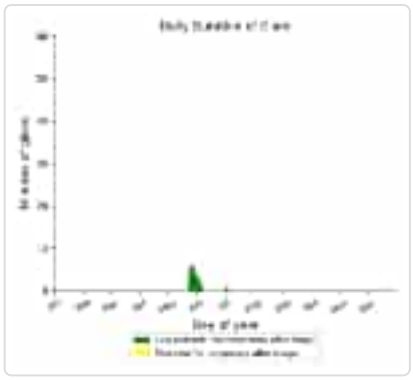


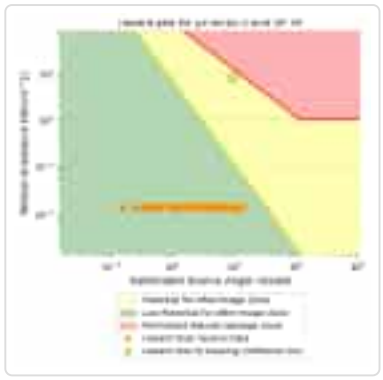
PV array 3: OP 49

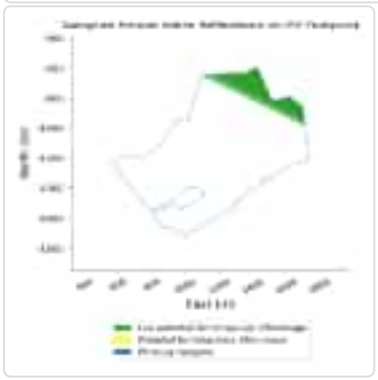
PV array is expected to produce the following glare for this receptor:

- 65 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 50

No glare found

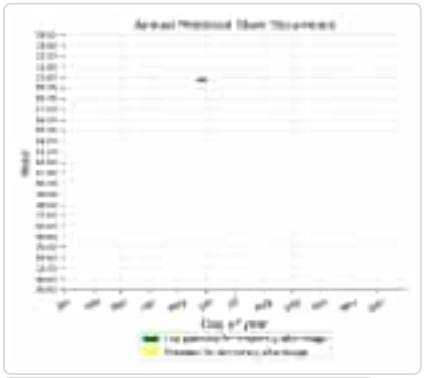
PV array 3: OP 51

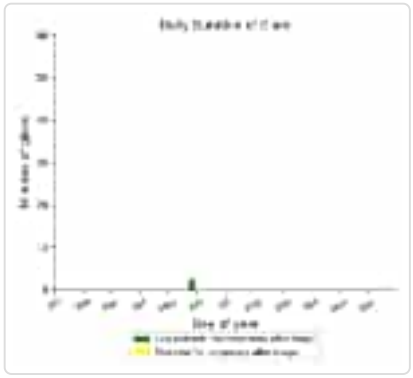
No glare found

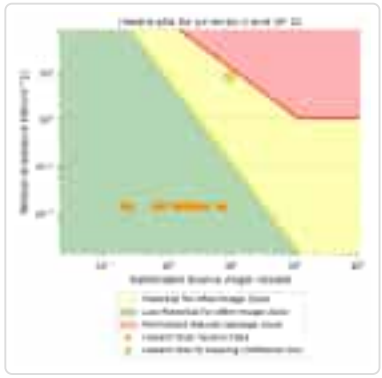
PV array 3: OP 52

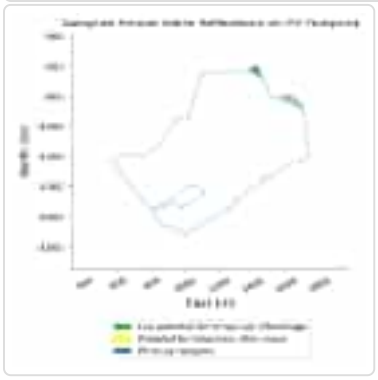
PV array is expected to produce the following glare for this receptor:

- 16 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





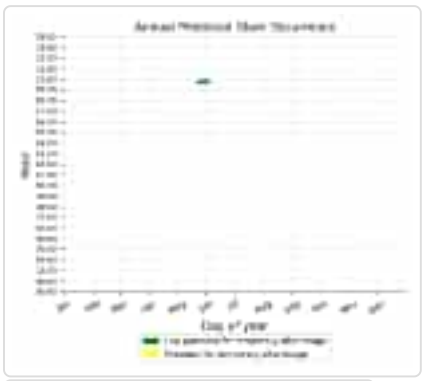


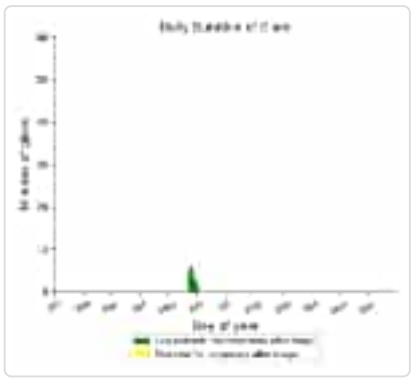


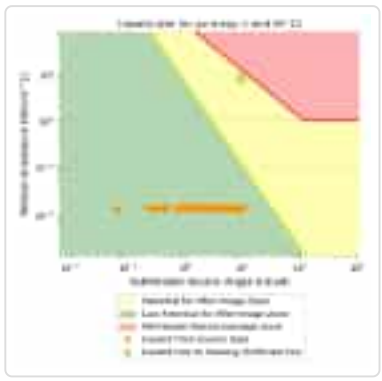
PV array 3: OP 53

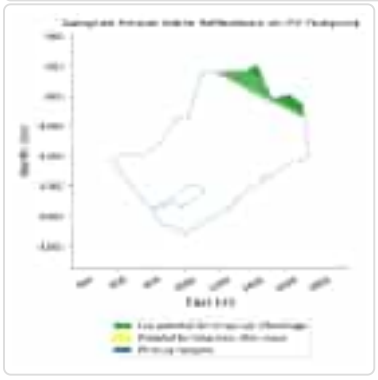
PV array is expected to produce the following glare for this receptor:

- 46 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 54

No glare found

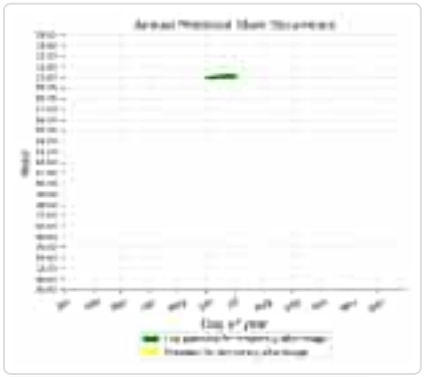
PV array 3: OP 55

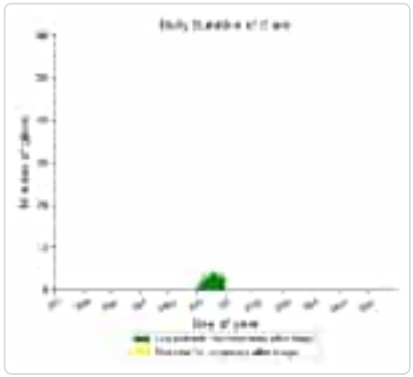
No glare found

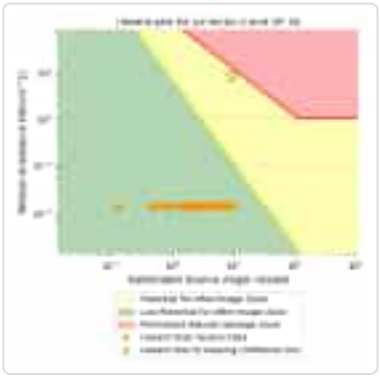
PV array 3: OP 56

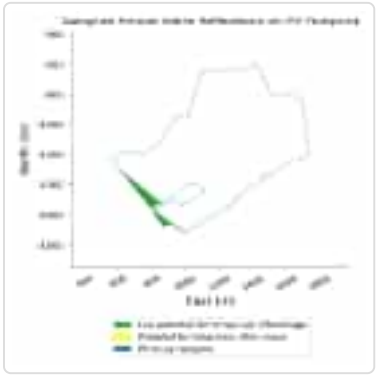
PV array is expected to produce the following glare for this receptor:

- 89 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





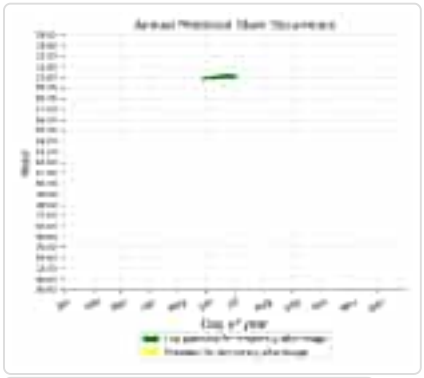


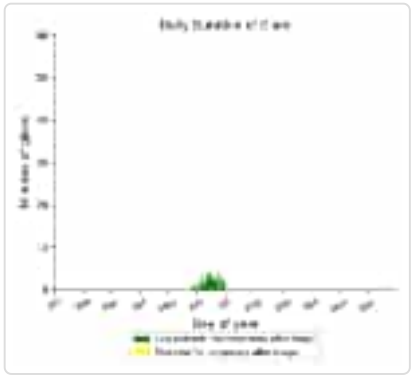


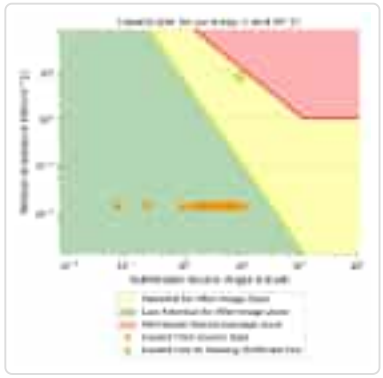
PV array 3: OP 57

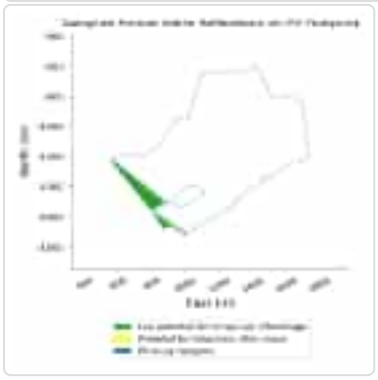
PV array is expected to produce the following glare for this receptor:

- 67 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 58

No glare found

PV array 3: OP 59

No glare found

PV array 3: OP 60

No glare found

PV array 3: OP 61

No glare found

PV array 3: OP 62

No glare found

PV array 3: OP 63

No glare found

PV array 3: OP 64

No glare found

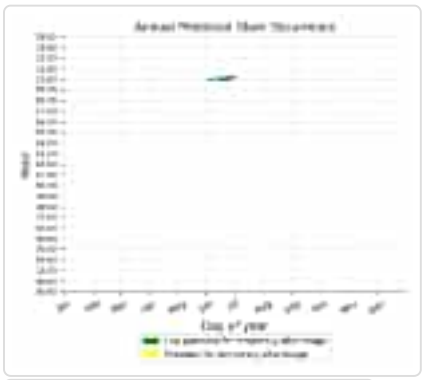
PV array 3: OP 65

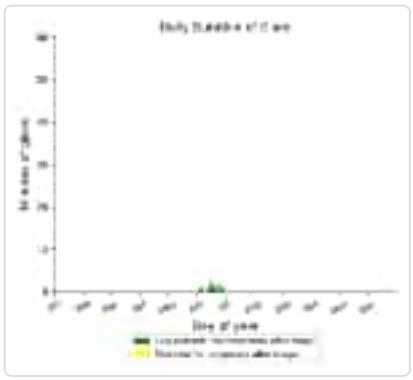
No glare found

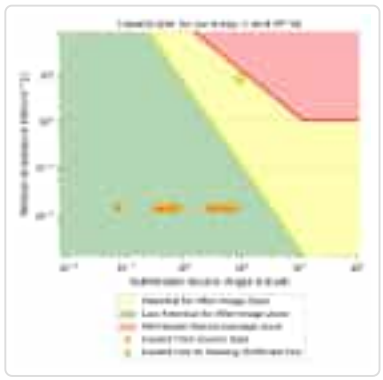
PV array 3: OP 66

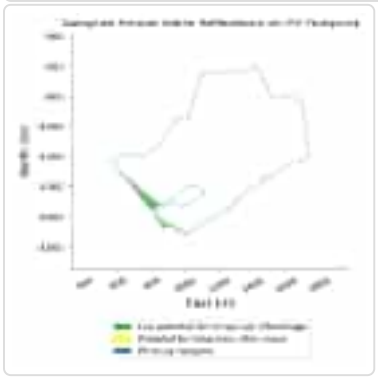
PV array is expected to produce the following glare for this receptor:

- 22 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





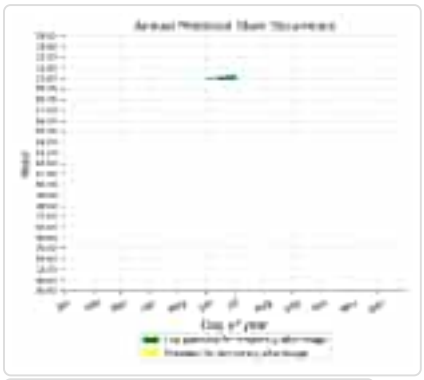


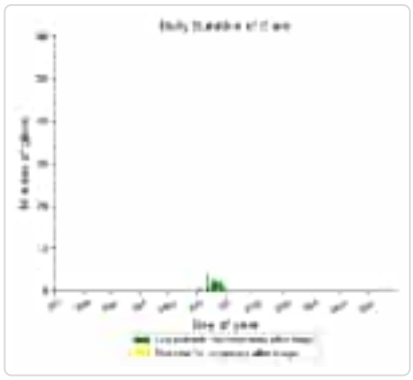


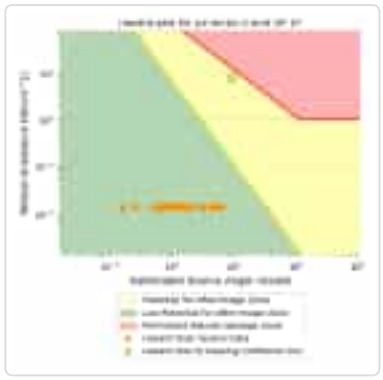
PV array 3: OP 67

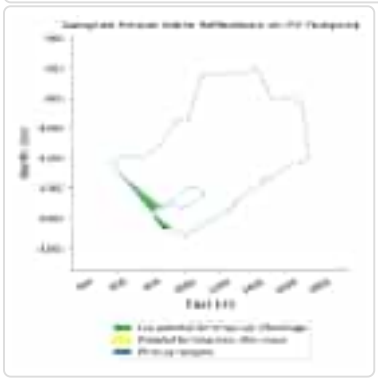
PV array is expected to produce the following glare for this receptor:

- 34 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





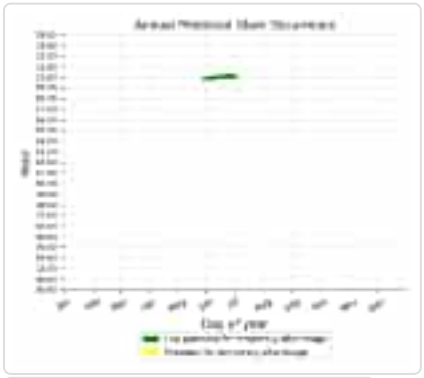


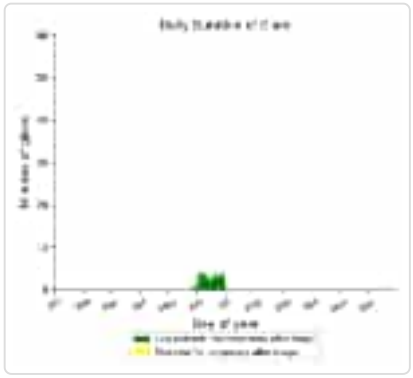


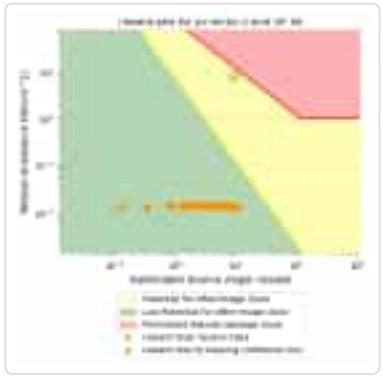
PV array 3: OP 68

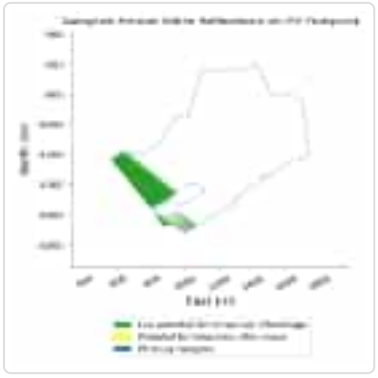
PV array is expected to produce the following glare for this receptor:

- 100 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





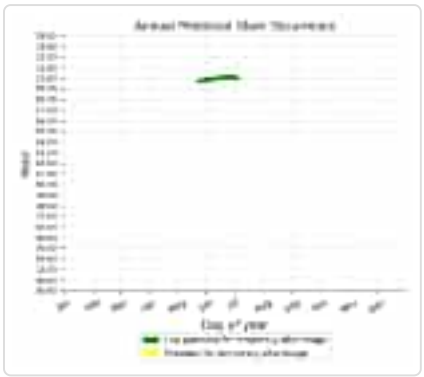


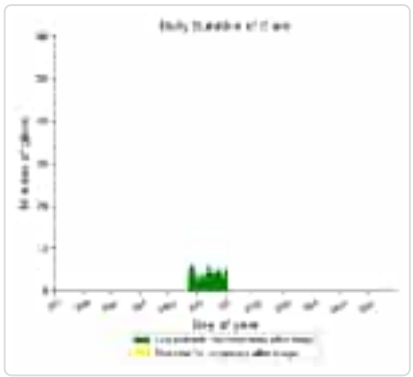


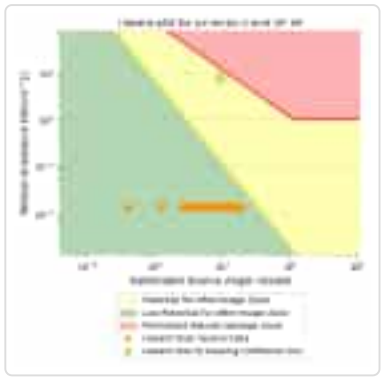
PV array 3: OP 69

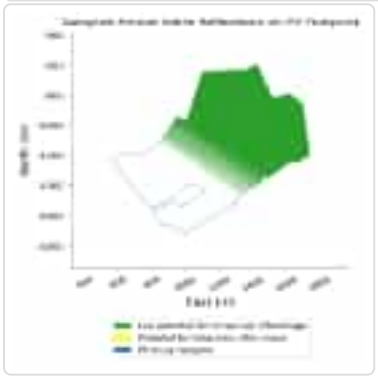
PV array is expected to produce the following glare for this receptor:

- 178 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





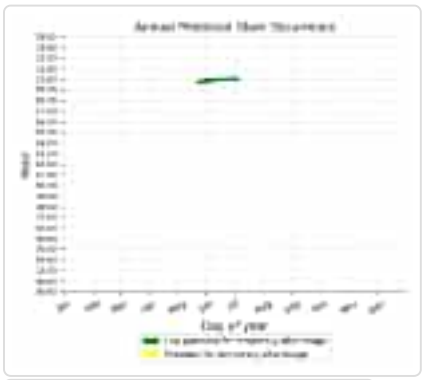


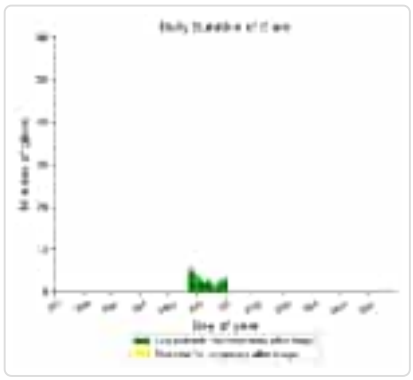


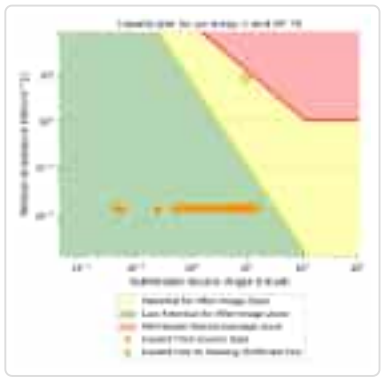
PV array 3: OP 70

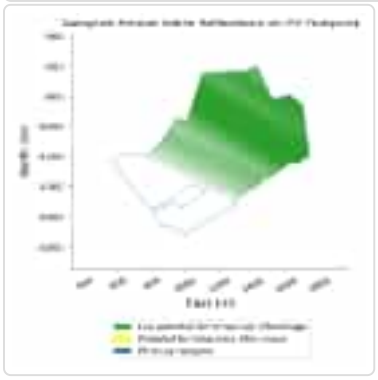
PV array is expected to produce the following glare for this receptor:

- 120 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





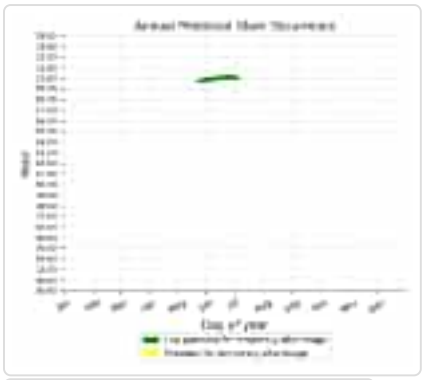


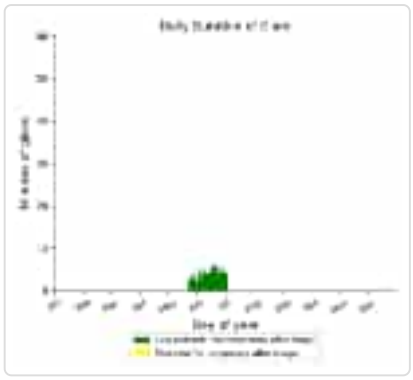


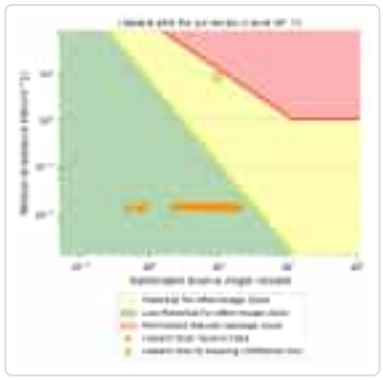
PV array 3: OP 71

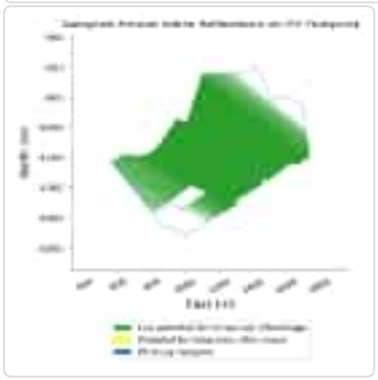
PV array is expected to produce the following glare for this receptor:

- 171 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 72

No glare found

PV array 3: OP 73

No glare found

PV array 3: OP 74

No glare found

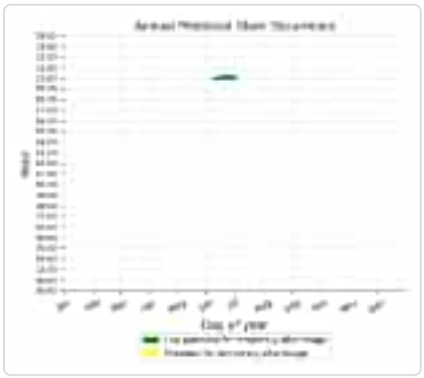
PV array 3: OP 75

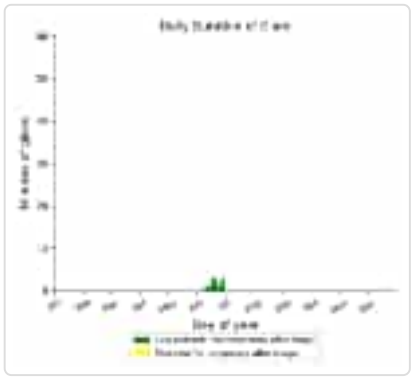
No glare found

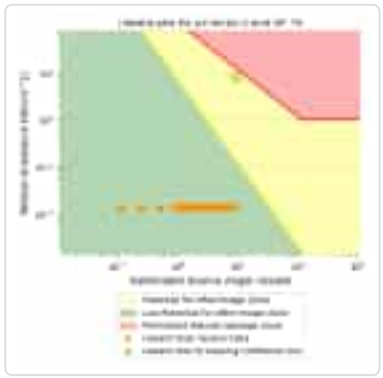
PV array 3: OP 76

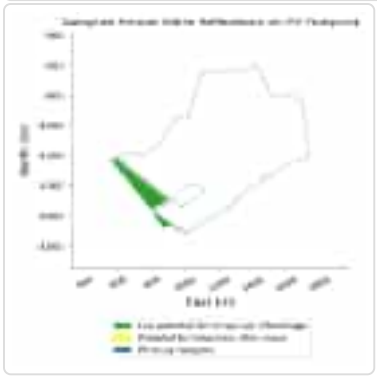
PV array is expected to produce the following glare for this receptor:

- 40 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 77

No glare found

PV array 3: OP 78

No glare found

PV array 3: OP 79

No glare found

PV array 3: OP 80

No glare found

PV array 4 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0

OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	637	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0

OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
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OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

PV array 4: OP 1

No glare found

PV array 4: OP 2

No glare found

PV array 4: OP 3

No glare found

PV array 4: OP 4

No glare found

PV array 4: OP 5

No glare found

PV array 4: OP 6

No glare found

PV array 4: OP 7

No glare found

PV array 4: OP 8

No glare found

PV array 4: OP 9

No glare found

PV array 4: OP 10

No glare found

PV array 4: OP 11

No glare found

PV array 4: OP 12

No glare found

PV array 4: OP 13

No glare found

PV array 4: OP 14

No glare found

PV array 4: OP 15

No glare found

PV array 4: OP 16

No glare found

PV array 4: OP 17

No glare found

PV array 4: OP 18

No glare found

PV array 4: OP 19

No glare found

PV array 4: OP 20

No glare found

PV array 4: OP 21

No glare found

PV array 4: OP 22

No glare found

PV array 4: OP 23

No glare found

PV array 4: OP 24

No glare found

PV array 4: OP 25

No glare found

PV array 4: OP 26

No glare found

PV array 4: OP 27

No glare found

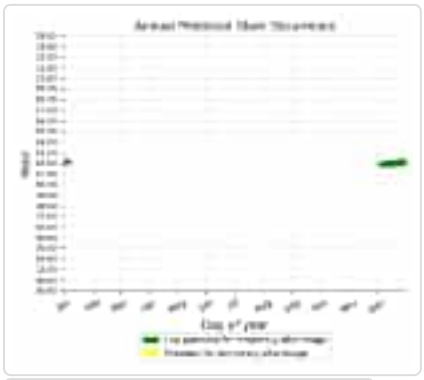
PV array 4: OP 28

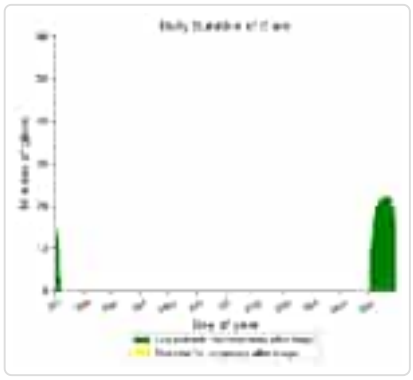
No glare found

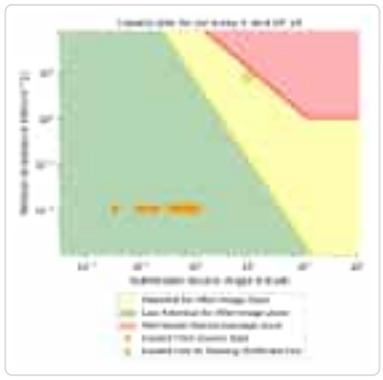
PV array 4: OP 29

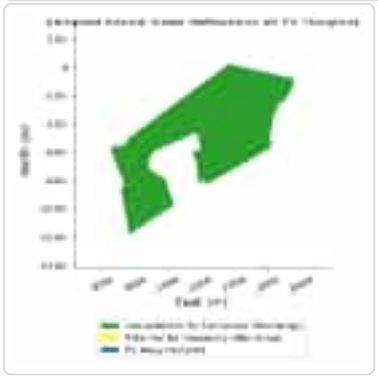
PV array is expected to produce the following glare for this receptor:

- 637 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 30

No glare found

PV array 4: OP 31

No glare found

PV array 4: OP 32

No glare found

PV array 4: OP 33

No glare found

PV array 4: OP 34

No glare found

PV array 4: OP 35

No glare found

PV array 4: OP 36

No glare found

PV array 4: OP 37

No glare found

PV array 4: OP 38

No glare found

PV array 4: OP 39

No glare found

PV array 4: OP 40

No glare found

PV array 4: OP 41

No glare found

PV array 4: OP 42

No glare found

PV array 4: OP 43

No glare found

PV array 4: OP 44

No glare found

PV array 4: OP 45

No glare found

PV array 4: OP 46

No glare found

PV array 4: OP 47

No glare found

PV array 4: OP 48

No glare found

PV array 4: OP 49

No glare found

PV array 4: OP 50

No glare found

PV array 4: OP 51

No glare found

PV array 4: OP 52

No glare found

PV array 4: OP 53

No glare found

PV array 4: OP 54

No glare found

PV array 4: OP 55

No glare found

PV array 4: OP 56

No glare found

PV array 4: OP 57

No glare found

PV array 4: OP 58

No glare found

PV array 4: OP 59

No glare found

PV array 4: OP 60

No glare found

PV array 4: OP 61

No glare found

PV array 4: OP 62

No glare found

PV array 4: OP 63

No glare found

PV array 4: OP 64

No glare found

PV array 4: OP 65

No glare found

PV array 4: OP 66

No glare found

PV array 4: OP 67
No glare found

PV array 4: OP 68
No glare found

PV array 4: OP 69
No glare found

PV array 4: OP 70
No glare found

PV array 4: OP 71
No glare found

PV array 4: OP 72
No glare found

PV array 4: OP 73
No glare found

PV array 4: OP 74
No glare found

PV array 4: OP 75
No glare found

PV array 4: OP 76
No glare found

PV array 4: OP 77
No glare found

PV array 4: OP 78
No glare found

PV array 4: OP 79
No glare found

PV array 4: OP 80
No glare found

PV array 5 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0

OP: OP 4	33	0
OP: OP 5	35	0
OP: OP 6	34	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0

OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

PV array 5: OP 1

No glare found

PV array 5: OP 2

No glare found

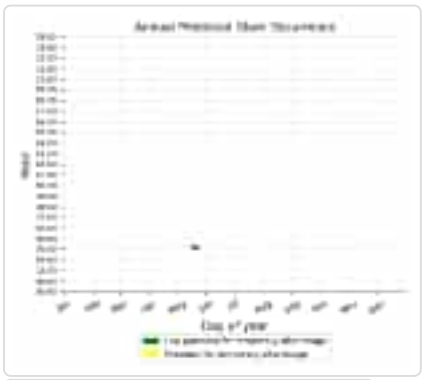
PV array 5: OP 3

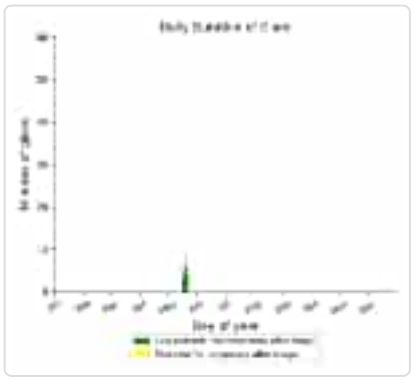
No glare found

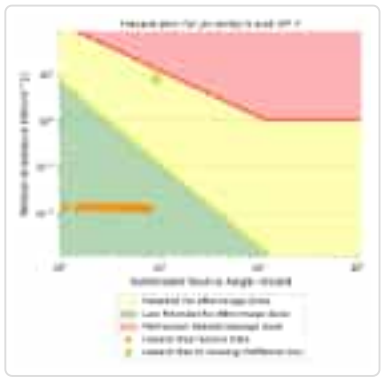
PV array 5: OP 4

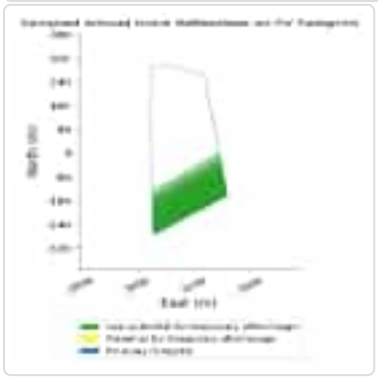
PV array is expected to produce the following glare for this receptor:

- 33 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





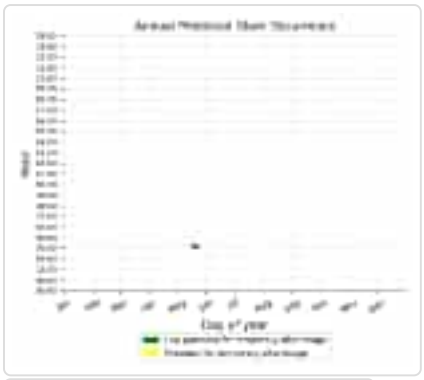


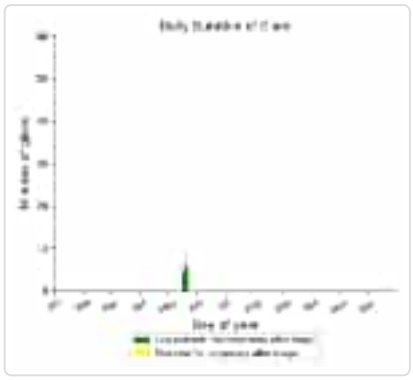


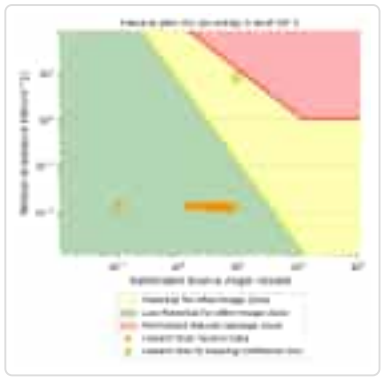
PV array 5: OP 5

PV array is expected to produce the following glare for this receptor:

- 35 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



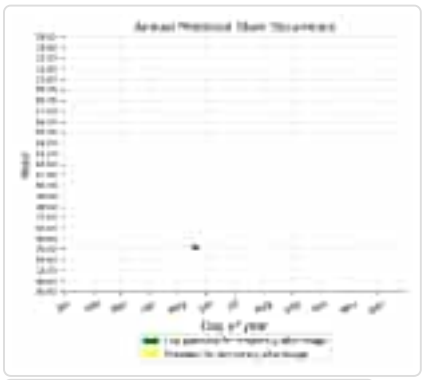


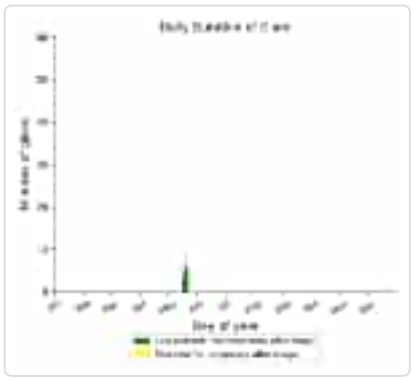


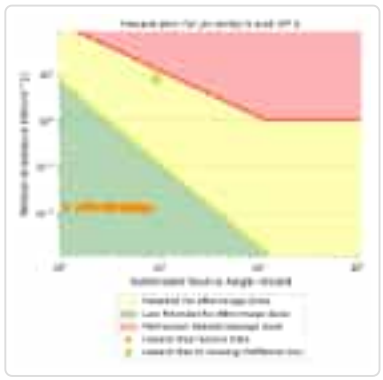
PV array 5: OP 6

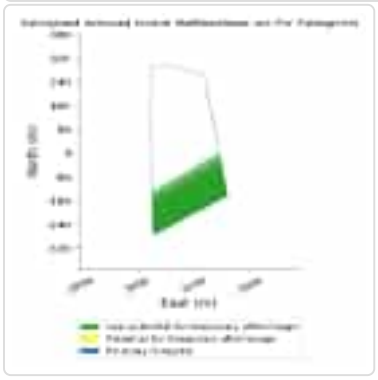
PV array is expected to produce the following glare for this receptor:

- 34 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 7

No glare found

PV array 5: OP 8

No glare found

PV array 5: OP 9

No glare found

PV array 5: OP 10

No glare found

PV array 5: OP 11

No glare found

PV array 5: OP 12

No glare found

PV array 5: OP 13

No glare found

PV array 5: OP 14

No glare found

PV array 5: OP 15

No glare found

PV array 5: OP 16

No glare found

PV array 5: OP 17

No glare found

PV array 5: OP 18

No glare found

PV array 5: OP 19

No glare found

PV array 5: OP 20

No glare found

PV array 5: OP 21

No glare found

PV array 5: OP 22

No glare found

PV array 5: OP 23

No glare found

PV array 5: OP 24

No glare found

PV array 5: OP 25

No glare found

PV array 5: OP 26

No glare found

PV array 5: OP 27

No glare found

PV array 5: OP 28

No glare found

PV array 5: OP 29

No glare found

PV array 5: OP 30

No glare found

PV array 5: OP 31

No glare found

PV array 5: OP 32

No glare found

PV array 5: OP 33

No glare found

PV array 5: OP 34

No glare found

PV array 5: OP 35

No glare found

PV array 5: OP 36

No glare found

PV array 5: OP 37

No glare found

PV array 5: OP 38

No glare found

PV array 5: OP 39

No glare found

PV array 5: OP 40

No glare found

PV array 5: OP 41

No glare found

PV array 5: OP 42

No glare found

PV array 5: OP 43

No glare found

PV array 5: OP 44

No glare found

PV array 5: OP 45

No glare found

PV array 5: OP 46

No glare found

PV array 5: OP 47

No glare found

PV array 5: OP 48

No glare found

PV array 5: OP 49

No glare found

PV array 5: OP 50

No glare found

PV array 5: OP 51

No glare found

PV array 5: OP 52

No glare found

PV array 5: OP 53

No glare found

PV array 5: OP 54

No glare found

PV array 5: OP 55

No glare found

PV array 5: OP 56

No glare found

PV array 5: OP 57

No glare found

PV array 5: OP 58

No glare found

PV array 5: OP 59

No glare found

PV array 5: OP 60

No glare found

PV array 5: OP 61

No glare found

PV array 5: OP 62

No glare found

PV array 5: OP 63

No glare found

PV array 5: OP 64

No glare found

PV array 5: OP 65

No glare found

PV array 5: OP 66

No glare found

PV array 5: OP 67

No glare found

PV array 5: OP 68

No glare found

PV array 5: OP 69

No glare found

PV array 5: OP 70

No glare found

PV array 5: OP 71

No glare found

PV array 5: OP 72

No glare found

PV array 5: OP 73

No glare found

PV array 5: OP 74

No glare found

PV array 5: OP 75

No glare found

PV array 5: OP 76

No glare found

PV array 5: OP 77

No glare found

PV array 5: OP 78

No glare found

PV array 5: OP 79

No glare found

PV array 5: OP 80

No glare found

PV array 6 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	1817	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0

OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

PV array 6: OP 1

No glare found

PV array 6: OP 2

No glare found

PV array 6: OP 3

No glare found

PV array 6: OP 4

No glare found

PV array 6: OP 5

No glare found

PV array 6: OP 6

No glare found

PV array 6: OP 7

No glare found

PV array 6: OP 8

No glare found

PV array 6: OP 9

No glare found

PV array 6: OP 10

No glare found

PV array 6: OP 11

No glare found

PV array 6: OP 12

No glare found

PV array 6: OP 13

No glare found

PV array 6: OP 14

No glare found

PV array 6: OP 15

No glare found

PV array 6: OP 16

No glare found

PV array 6: OP 17

No glare found

PV array 6: OP 18

No glare found

PV array 6: OP 19

No glare found

PV array 6: OP 20

No glare found

PV array 6: OP 21

No glare found

PV array 6: OP 22

No glare found

PV array 6: OP 23

No glare found

PV array 6: OP 24

No glare found

PV array 6: OP 25

No glare found

PV array 6: OP 26

No glare found

PV array 6: OP 27

No glare found

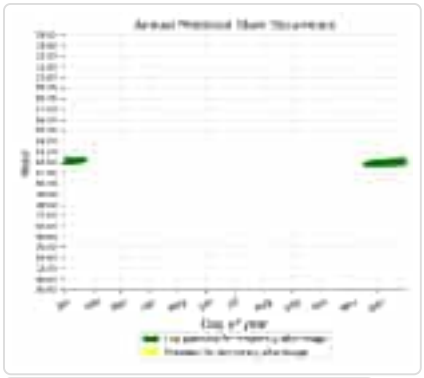
PV array 6: OP 28

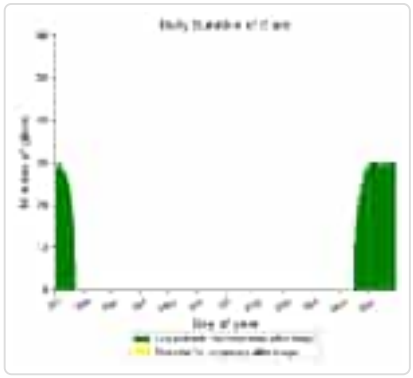
No glare found

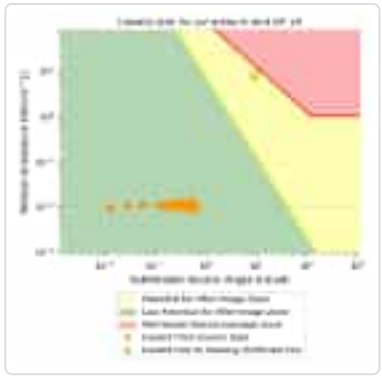
PV array 6: OP 29

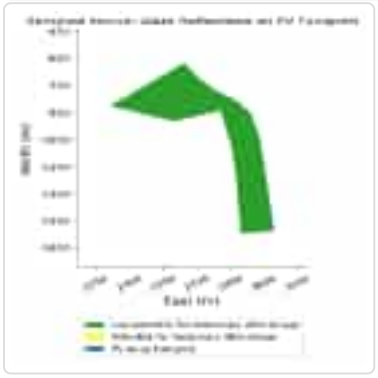
PV array is expected to produce the following glare for this receptor:

- 1,817 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 30

No glare found

PV array 6: OP 31

No glare found

PV array 6: OP 32

No glare found

PV array 6: OP 33

No glare found

PV array 6: OP 34

No glare found

PV array 6: OP 35

No glare found

PV array 6: OP 36

No glare found

PV array 6: OP 37

No glare found

PV array 6: OP 38

No glare found

PV array 6: OP 39

No glare found

PV array 6: OP 40

No glare found

PV array 6: OP 41

No glare found

PV array 6: OP 42

No glare found

PV array 6: OP 43

No glare found

PV array 6: OP 44

No glare found

PV array 6: OP 45

No glare found

PV array 6: OP 46

No glare found

PV array 6: OP 47

No glare found

PV array 6: OP 48

No glare found

PV array 6: OP 49

No glare found

PV array 6: OP 50

No glare found

PV array 6: OP 51

No glare found

PV array 6: OP 52

No glare found

PV array 6: OP 53

No glare found

PV array 6: OP 54

No glare found

PV array 6: OP 55

No glare found

PV array 6: OP 56

No glare found

PV array 6: OP 57

No glare found

PV array 6: OP 58

No glare found

PV array 6: OP 59

No glare found

PV array 6: OP 60

No glare found

PV array 6: OP 61

No glare found

PV array 6: OP 62

No glare found

PV array 6: OP 63

No glare found

PV array 6: OP 64

No glare found

PV array 6: OP 65

No glare found

PV array 6: OP 66

No glare found

PV array 6: OP 67

No glare found

PV array 6: OP 68

No glare found

PV array 6: OP 69

No glare found

PV array 6: OP 70

No glare found

PV array 6: OP 71

No glare found

PV array 6: OP 72

No glare found

PV array 6: OP 73

No glare found

PV array 6: OP 74

No glare found

PV array 6: OP 75

No glare found

PV array 6: OP 76

No glare found

PV array 6: OP 77

No glare found

PV array 6: OP 78

No glare found

PV array 6: OP 79

No glare found

PV array 6: OP 80

No glare found

PV array 7 potential temporary after-image

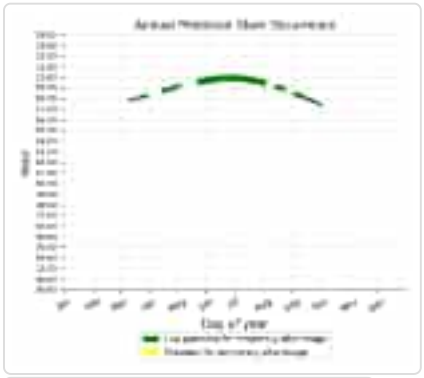
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	860	2
OP: OP 2	901	352
OP: OP 3	1252	401
OP: OP 4	170	0
OP: OP 5	170	0
OP: OP 6	193	0
OP: OP 7	178	0
OP: OP 8	136	0
OP: OP 9	66	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	981	0
OP: OP 13	366	0
OP: OP 14	572	1
OP: OP 15	411	0
OP: OP 16	366	61
OP: OP 17	328	105
OP: OP 18	346	47
OP: OP 19	806	21
OP: OP 20	1020	489
OP: OP 21	776	1084
OP: OP 22	798	1383
OP: OP 23	1388	152
OP: OP 24	936	0
OP: OP 25	0	0
OP: OP 26	259	0
OP: OP 27	359	0
OP: OP 28	792	47
OP: OP 29	0	0
OP: OP 30	741	82
OP: OP 31	676	30
OP: OP 32	761	2
OP: OP 33	666	0
OP: OP 34	490	0
OP: OP 35	0	0
OP: OP 36	87	0
OP: OP 37	284	0
OP: OP 38	455	0
OP: OP 39	376	0
OP: OP 40	555	0
OP: OP 41	575	0
OP: OP 42	667	0
OP: OP 43	624	0
OP: OP 44	626	0
OP: OP 45	622	0
OP: OP 46	268	0

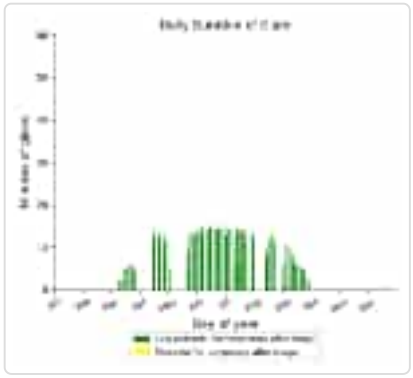
OP: OP 47	461	0
OP: OP 48	497	0
OP: OP 49	564	0
OP: OP 50	352	0
OP: OP 51	275	0
OP: OP 52	472	0
OP: OP 53	499	0
OP: OP 54	345	0
OP: OP 55	378	0
OP: OP 56	1230	0
OP: OP 57	828	0
OP: OP 58	930	0
OP: OP 59	115	0
OP: OP 60	35	0
OP: OP 61	26	0
OP: OP 62	542	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	550	0
OP: OP 67	560	0
OP: OP 68	575	0
OP: OP 69	556	0
OP: OP 70	560	0
OP: OP 71	592	0
OP: OP 72	98	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	84	0
OP: OP 76	477	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

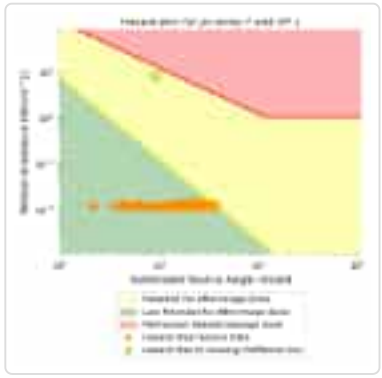
PV array 7: OP 1

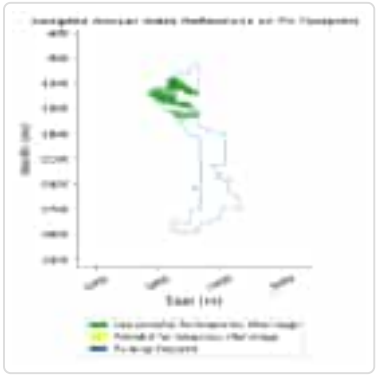
PV array is expected to produce the following glare for this receptor:

- 860 minutes of "green" glare with low potential to cause temporary after-image.
- 2 minutes of "yellow" glare with potential to cause temporary after-image.





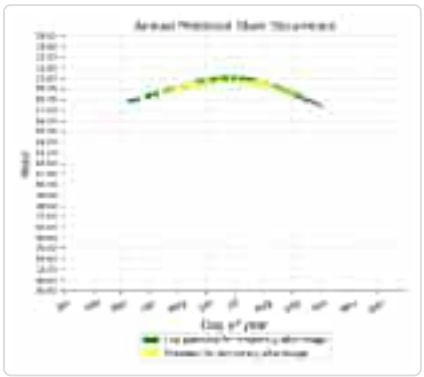


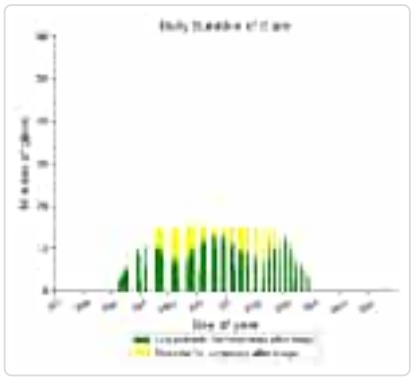


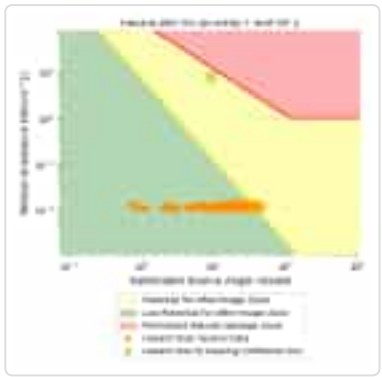
PV array 7: OP 2

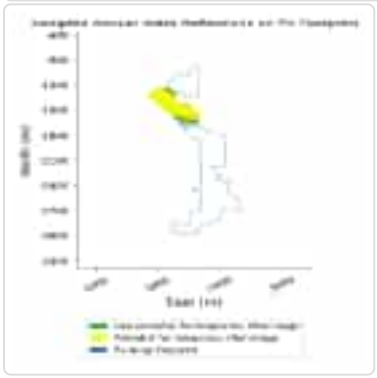
PV array is expected to produce the following glare for this receptor:

- 901 minutes of "green" glare with low potential to cause temporary after-image.
- 352 minutes of "yellow" glare with potential to cause temporary after-image.





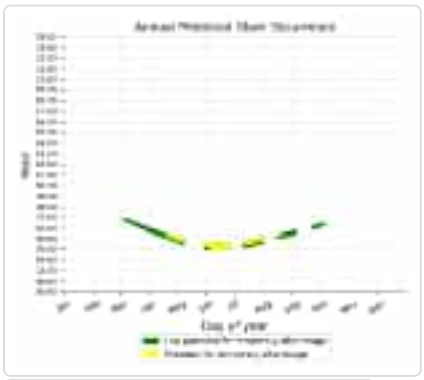


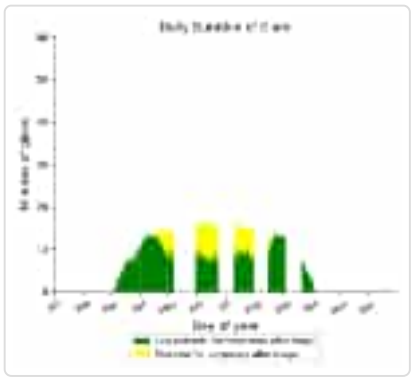


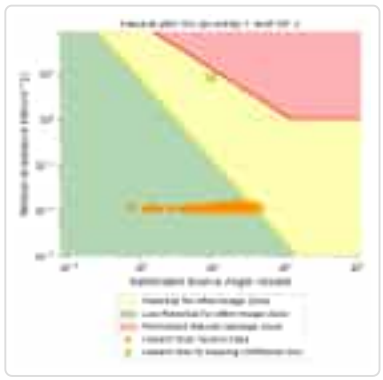
PV array 7: OP 3

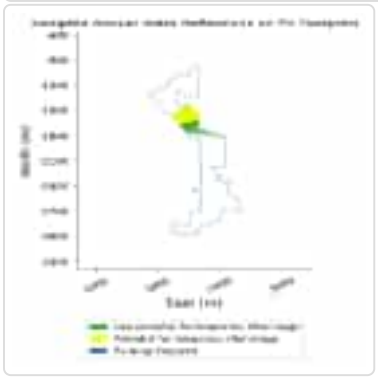
PV array is expected to produce the following glare for this receptor:

- 1,252 minutes of "green" glare with low potential to cause temporary after-image.
- 401 minutes of "yellow" glare with potential to cause temporary after-image.





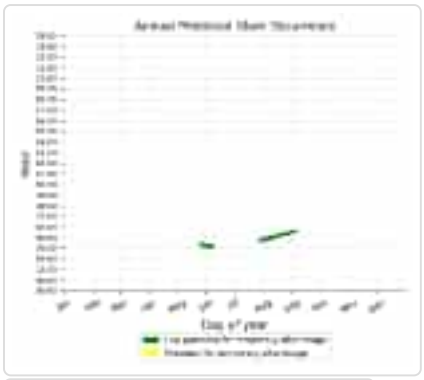


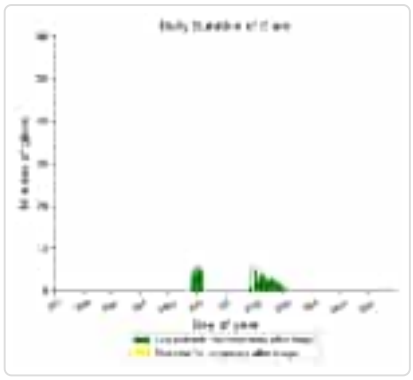


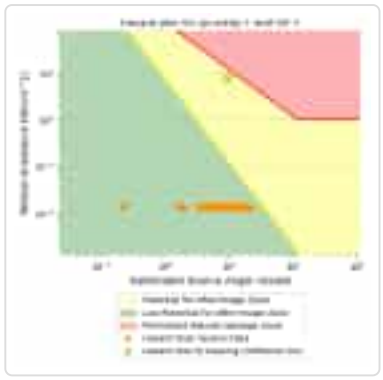
PV array 7: OP 4

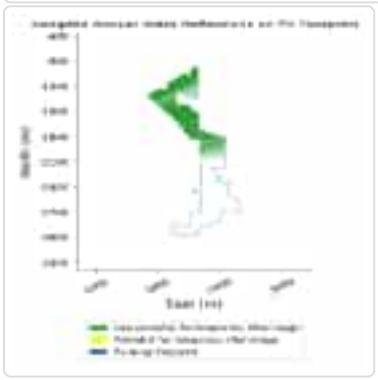
PV array is expected to produce the following glare for this receptor:

- 170 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





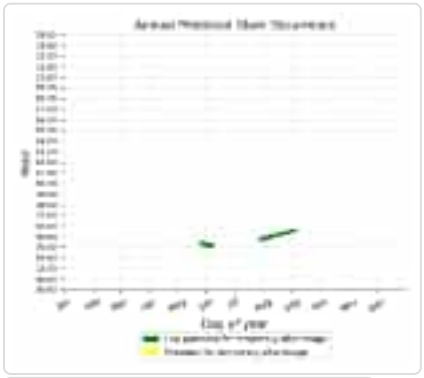


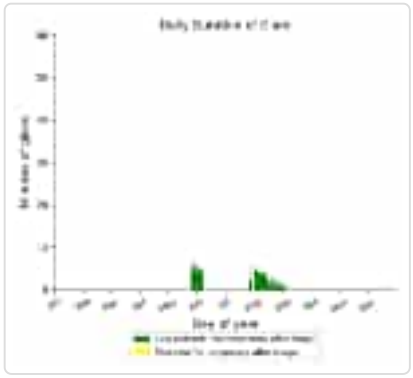


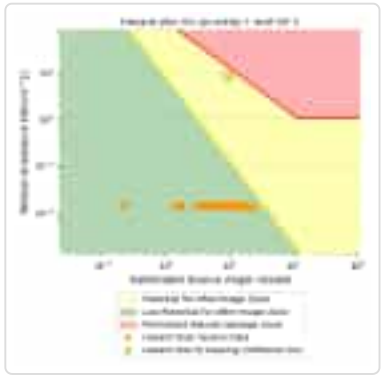
PV array 7: OP 5

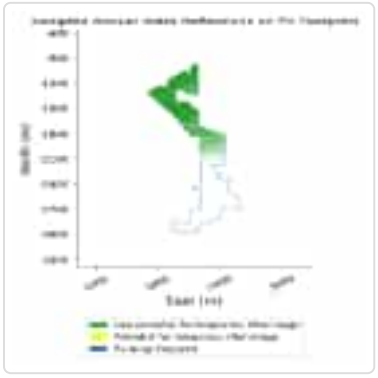
PV array is expected to produce the following glare for this receptor:

- 170 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





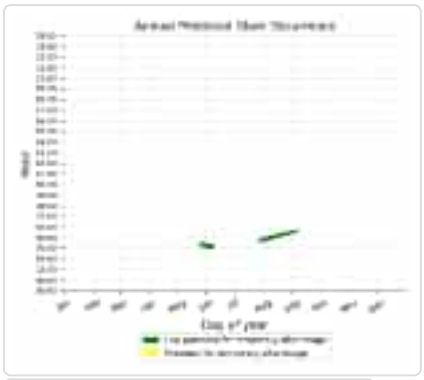


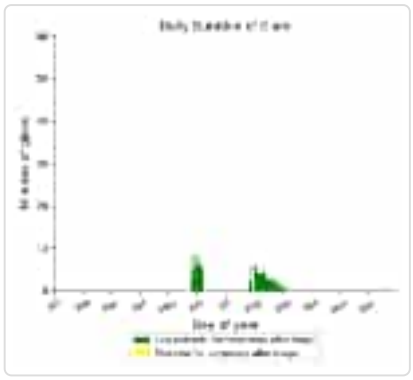


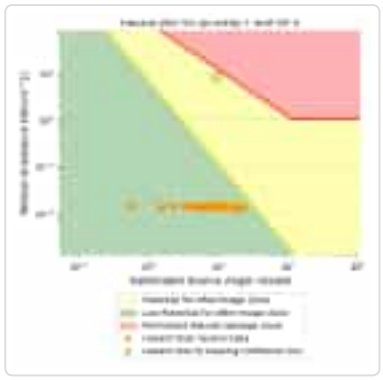
PV array 7: OP 6

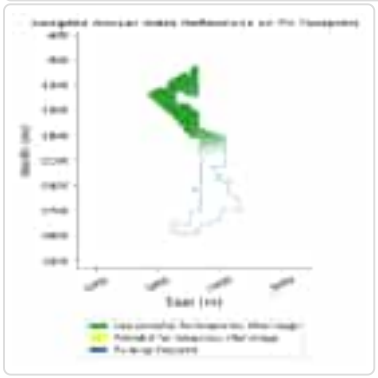
PV array is expected to produce the following glare for this receptor:

- 193 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





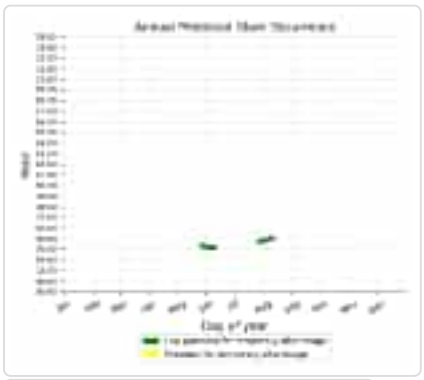


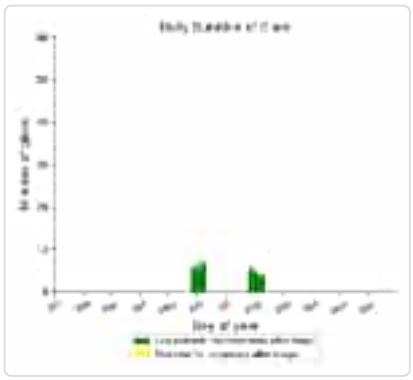


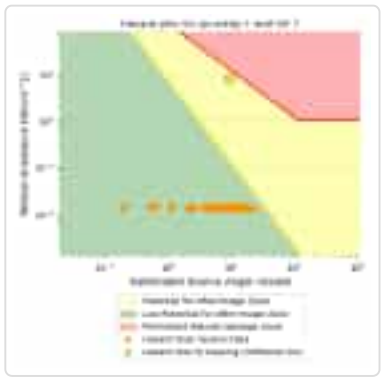
PV array 7: OP 7

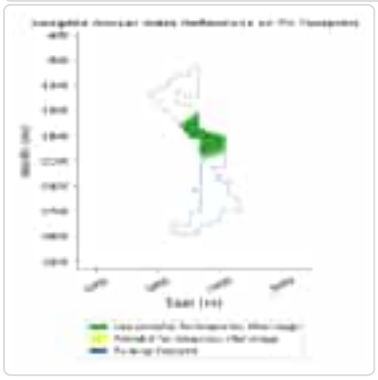
PV array is expected to produce the following glare for this receptor:

- 178 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





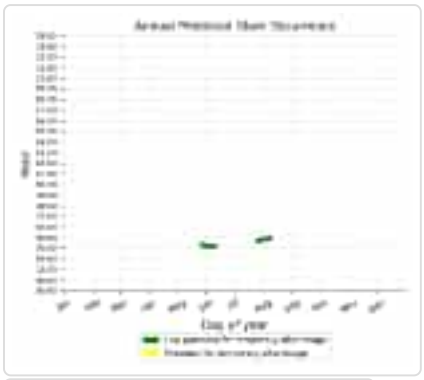


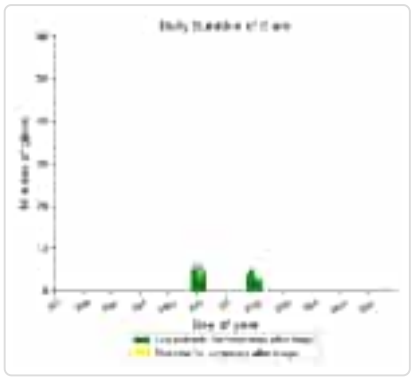


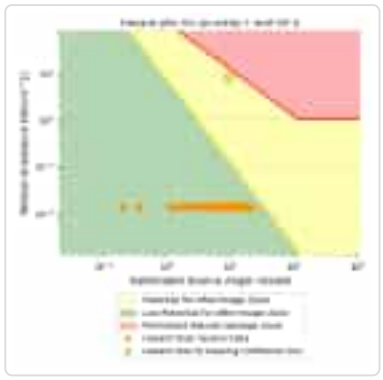
PV array 7: OP 8

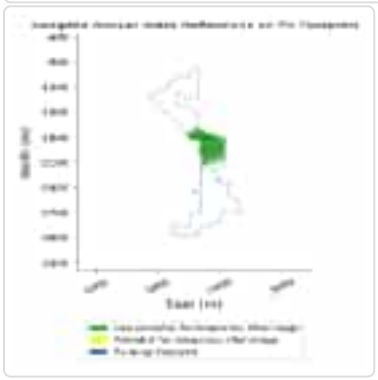
PV array is expected to produce the following glare for this receptor:

- 136 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





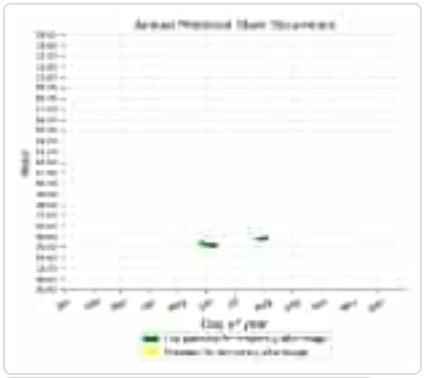


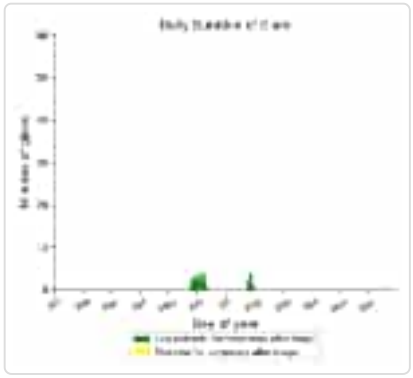


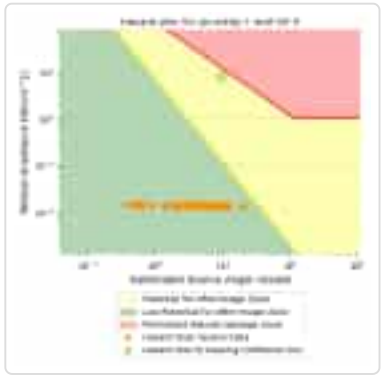
PV array 7: OP 9

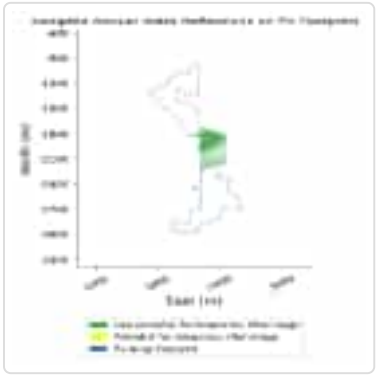
PV array is expected to produce the following glare for this receptor:

- 66 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 10

No glare found

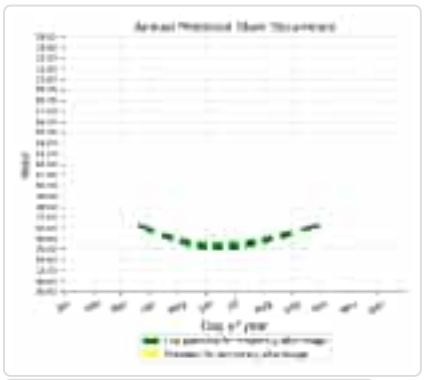
PV array 7: OP 11

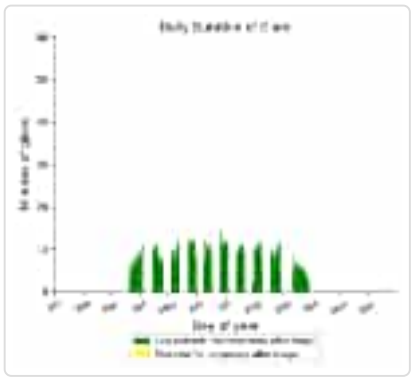
No glare found

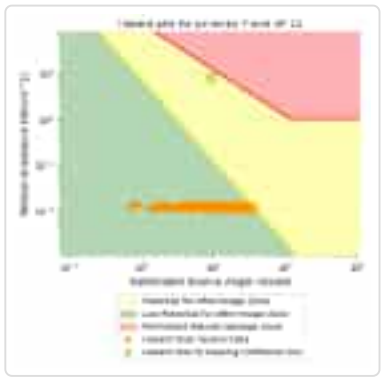
PV array 7: OP 12

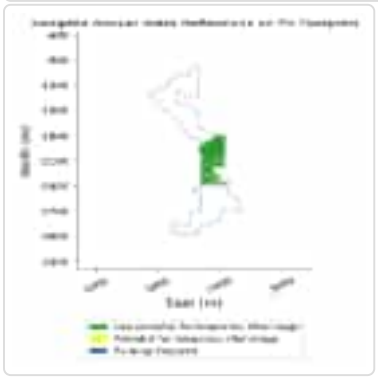
PV array is expected to produce the following glare for this receptor:

- 981 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





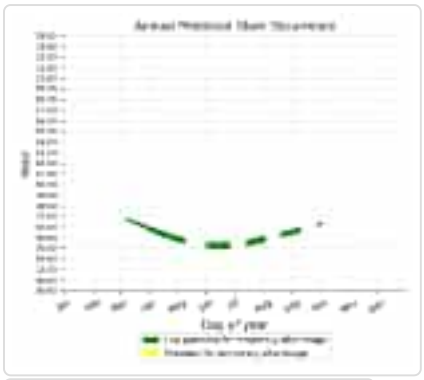


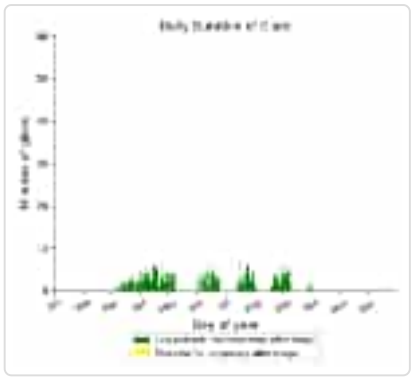


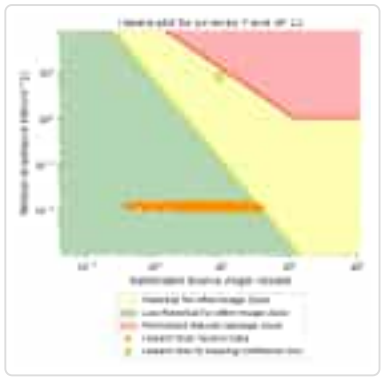
PV array 7: OP 13

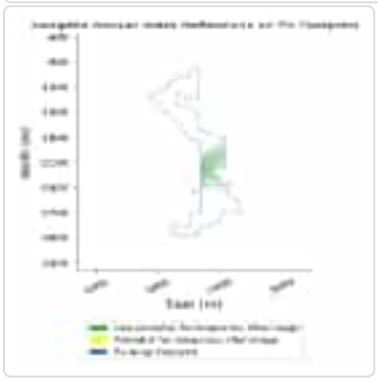
PV array is expected to produce the following glare for this receptor:

- 366 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





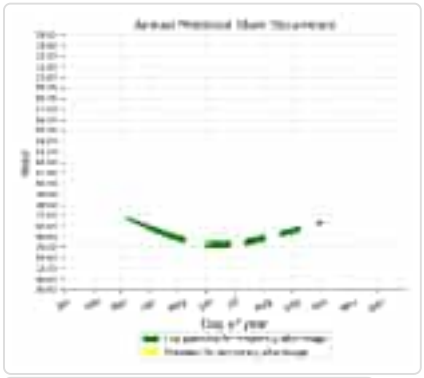


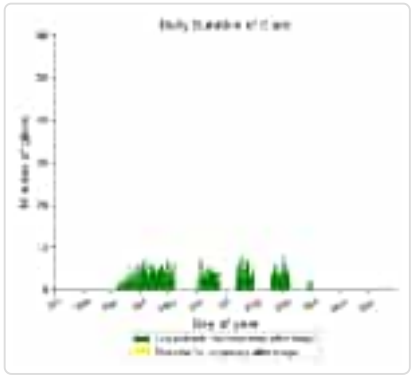


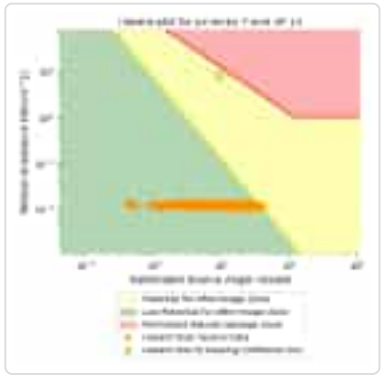
PV array 7: OP 14

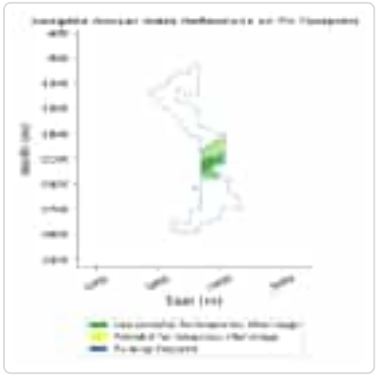
PV array is expected to produce the following glare for this receptor:

- 572 minutes of "green" glare with low potential to cause temporary after-image.
- 1 minutes of "yellow" glare with potential to cause temporary after-image.





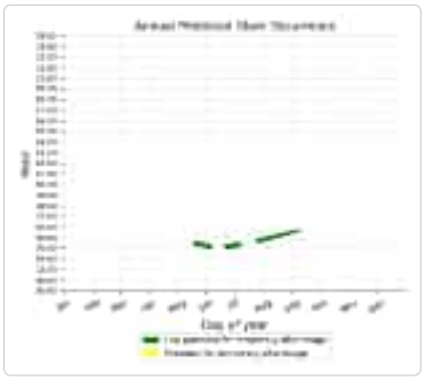


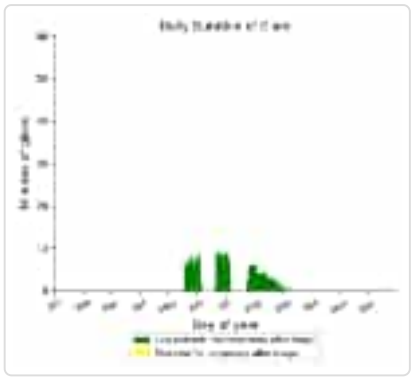


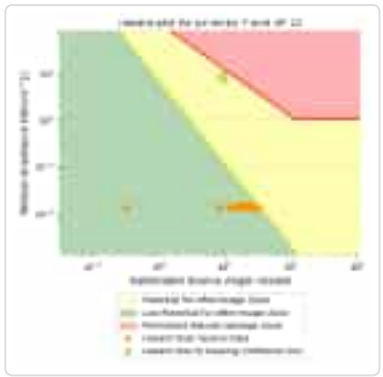
PV array 7: OP 15

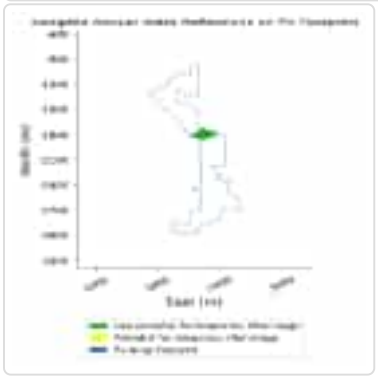
PV array is expected to produce the following glare for this receptor:

- 411 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





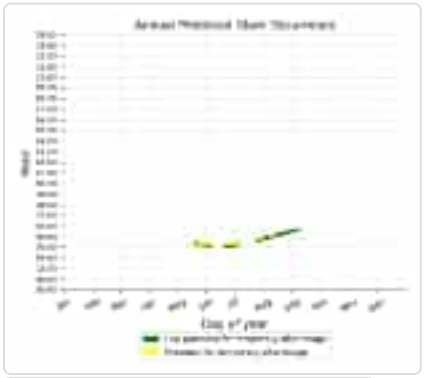


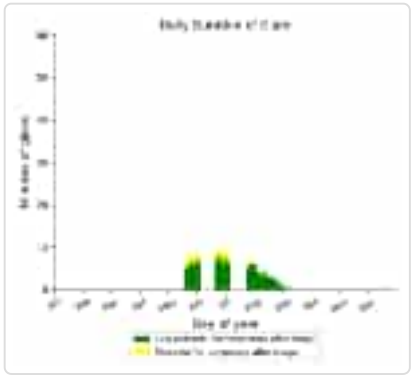


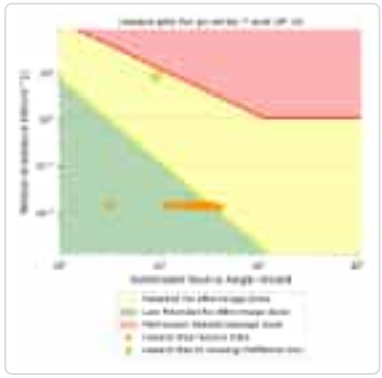
PV array 7: OP 16

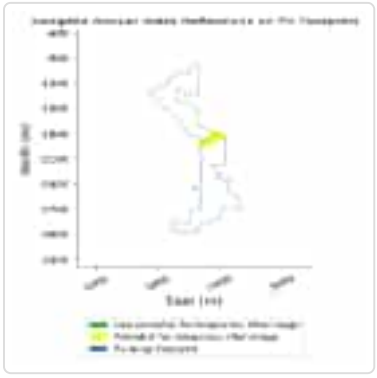
PV array is expected to produce the following glare for this receptor:

- 366 minutes of "green" glare with low potential to cause temporary after-image.
- 61 minutes of "yellow" glare with potential to cause temporary after-image.





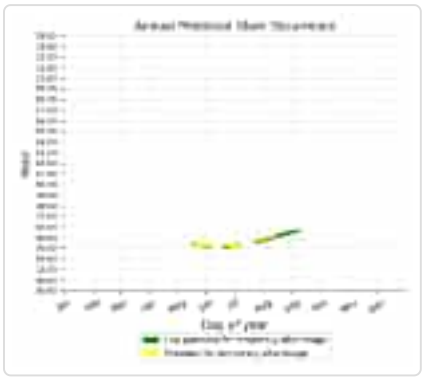


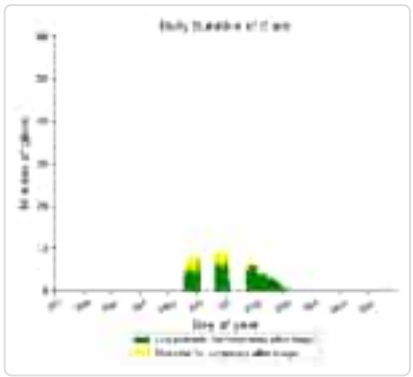


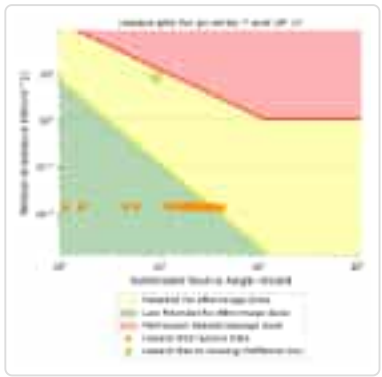
PV array 7: OP 17

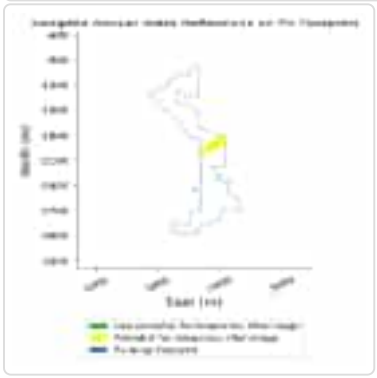
PV array is expected to produce the following glare for this receptor:

- 328 minutes of "green" glare with low potential to cause temporary after-image.
- 105 minutes of "yellow" glare with potential to cause temporary after-image.





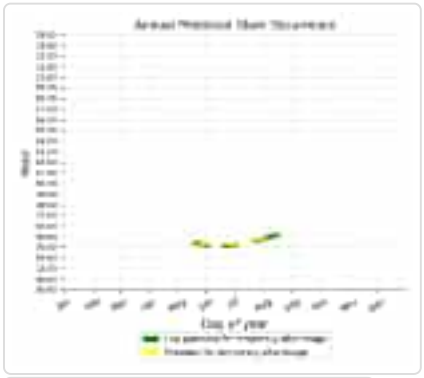


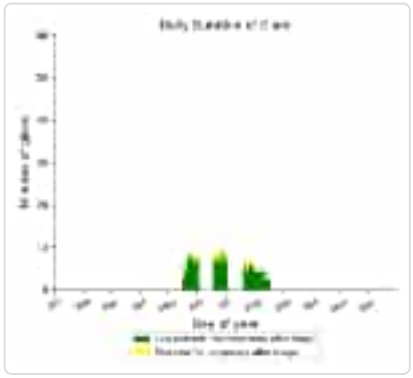


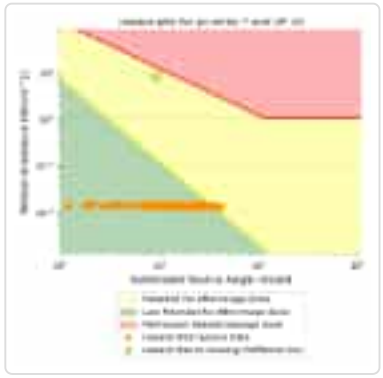
PV array 7: OP 18

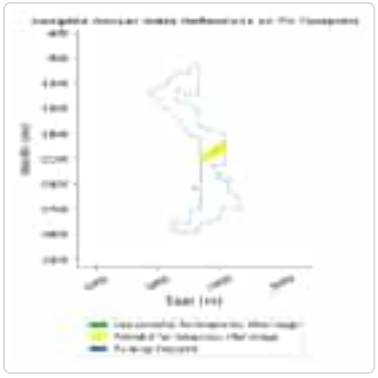
PV array is expected to produce the following glare for this receptor:

- 346 minutes of "green" glare with low potential to cause temporary after-image.
- 47 minutes of "yellow" glare with potential to cause temporary after-image.





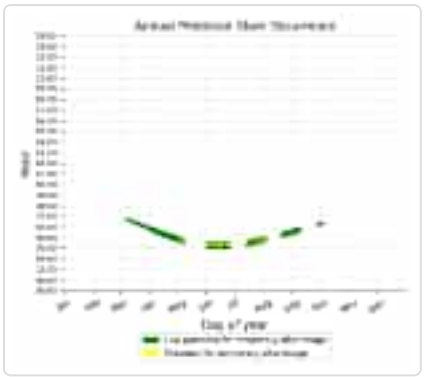


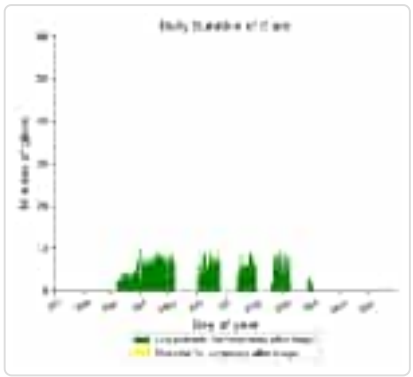


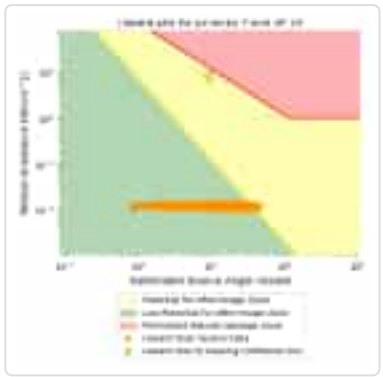
PV array 7: OP 19

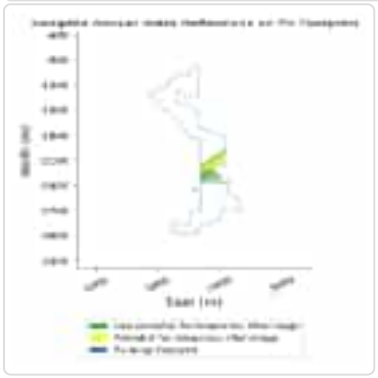
PV array is expected to produce the following glare for this receptor:

- 806 minutes of "green" glare with low potential to cause temporary after-image.
- 21 minutes of "yellow" glare with potential to cause temporary after-image.





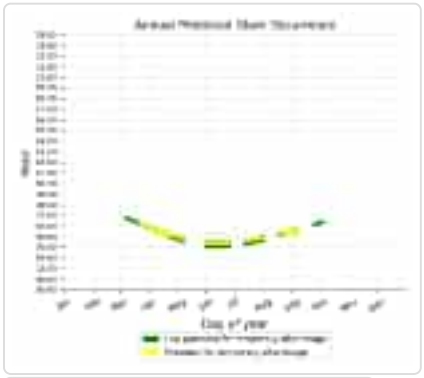


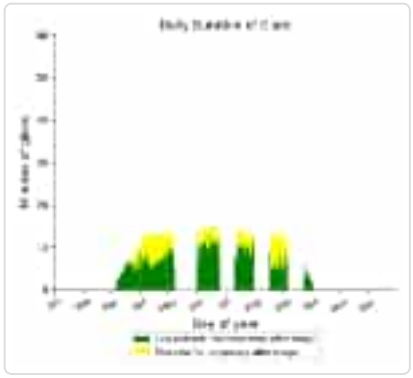


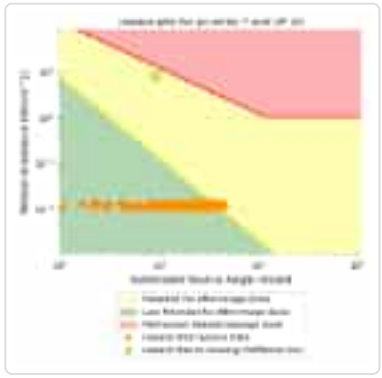
PV array 7: OP 20

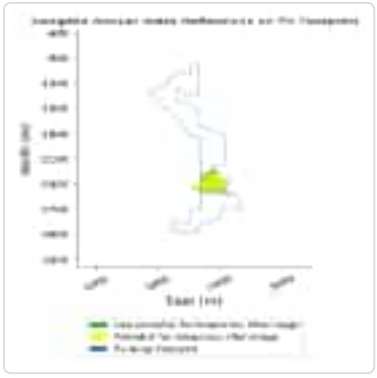
PV array is expected to produce the following glare for this receptor:

- 1,020 minutes of "green" glare with low potential to cause temporary after-image.
- 489 minutes of "yellow" glare with potential to cause temporary after-image.





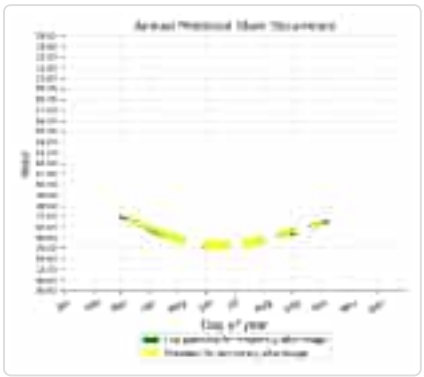


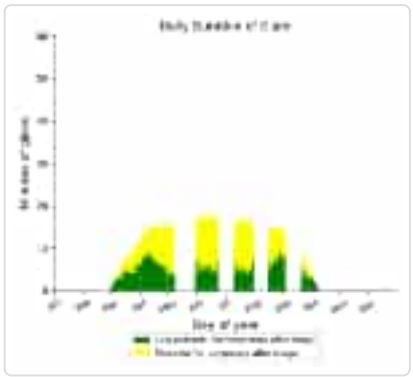


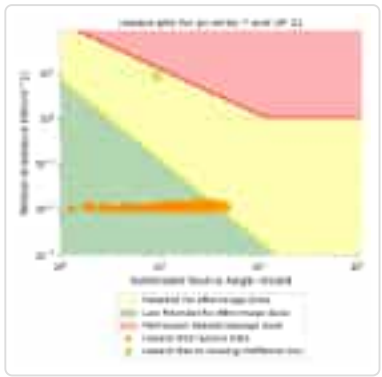
PV array 7: OP 21

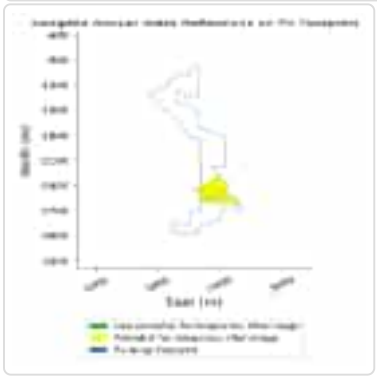
PV array is expected to produce the following glare for this receptor:

- 776 minutes of "green" glare with low potential to cause temporary after-image.
- 1,084 minutes of "yellow" glare with potential to cause temporary after-image.





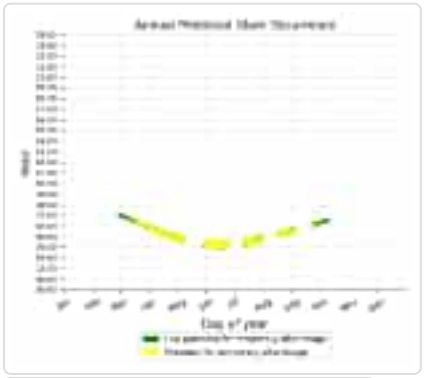


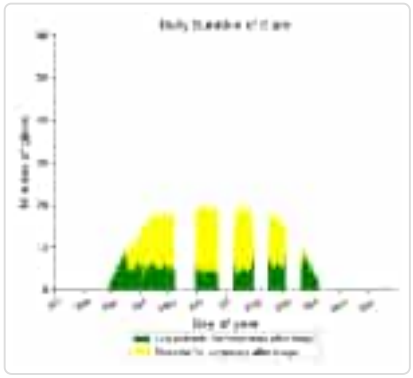


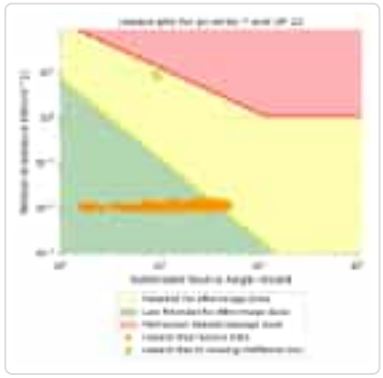
PV array 7: OP 22

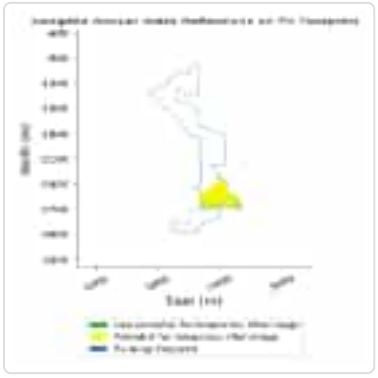
PV array is expected to produce the following glare for this receptor:

- 798 minutes of "green" glare with low potential to cause temporary after-image.
- 1,383 minutes of "yellow" glare with potential to cause temporary after-image.





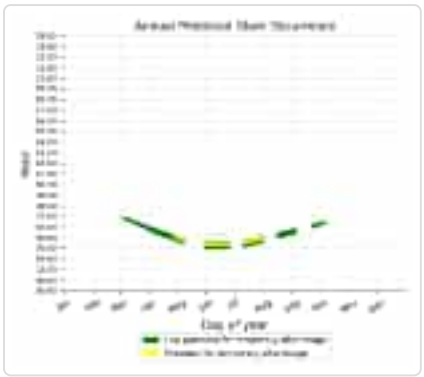


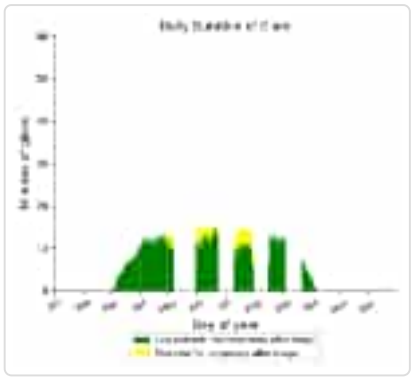


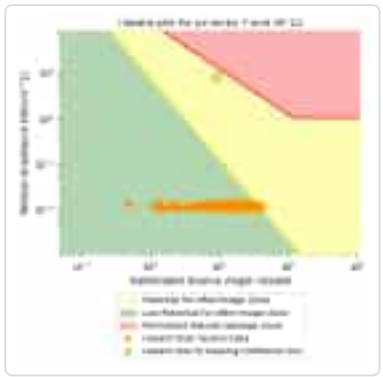
PV array 7: OP 23

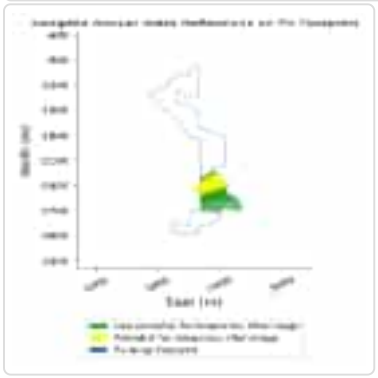
PV array is expected to produce the following glare for this receptor:

- 1,388 minutes of "green" glare with low potential to cause temporary after-image.
- 152 minutes of "yellow" glare with potential to cause temporary after-image.





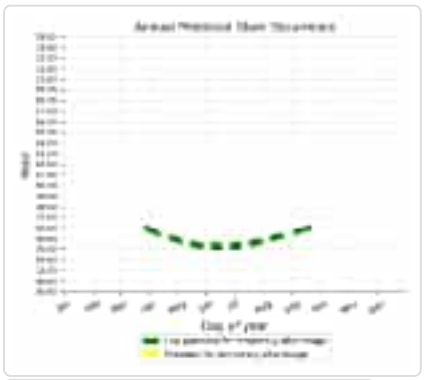


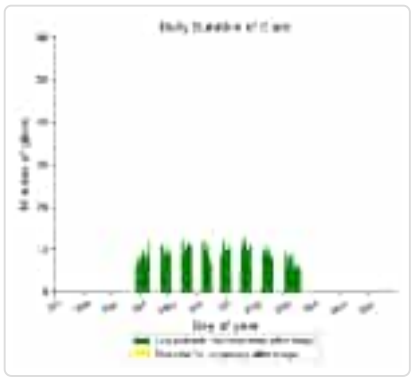


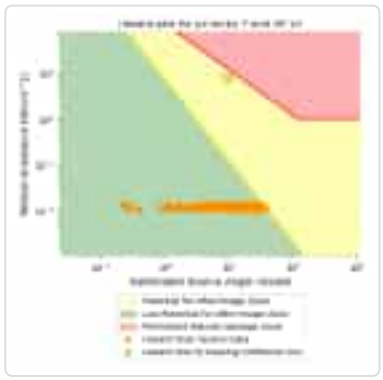
PV array 7: OP 24

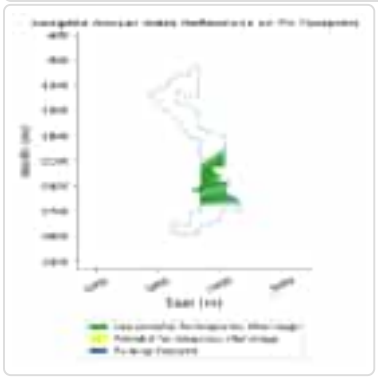
PV array is expected to produce the following glare for this receptor:

- 936 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









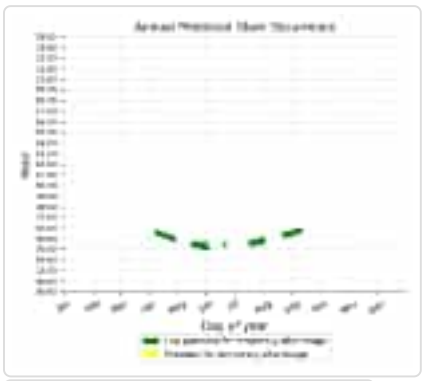
PV array 7: OP 25

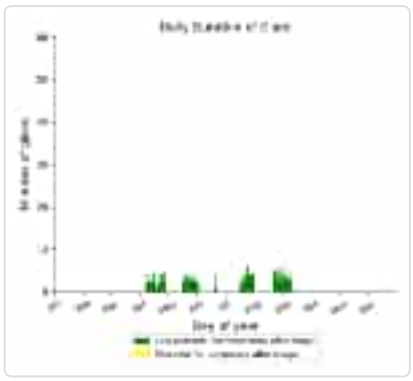
No glare found

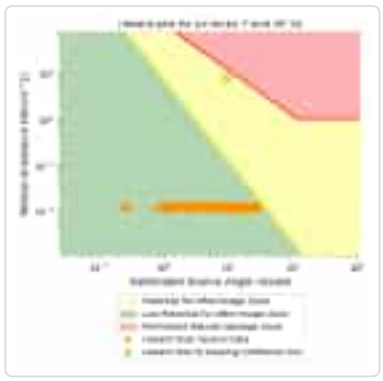
PV array 7: OP 26

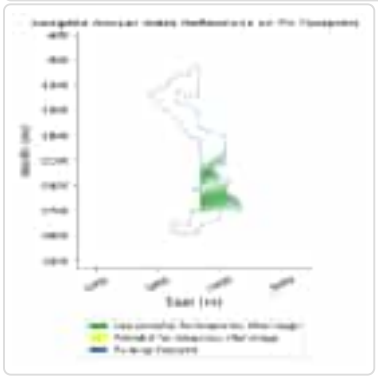
PV array is expected to produce the following glare for this receptor:

- 259 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





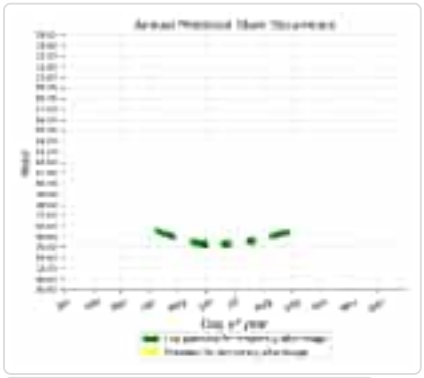


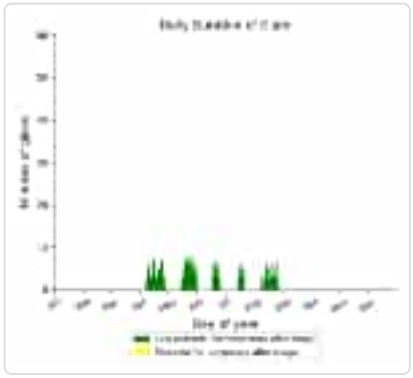


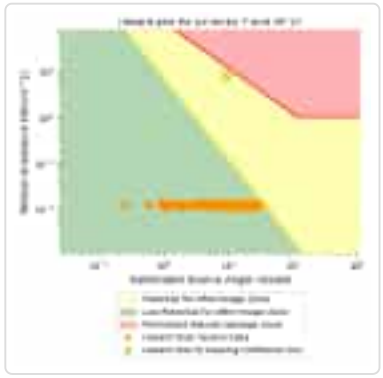
PV array 7: OP 27

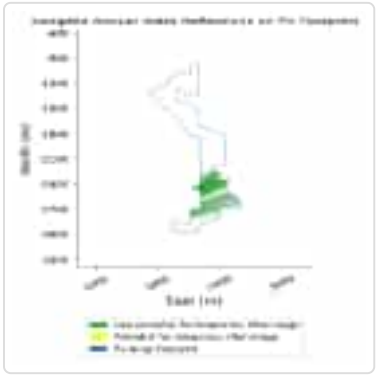
PV array is expected to produce the following glare for this receptor:

- 359 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





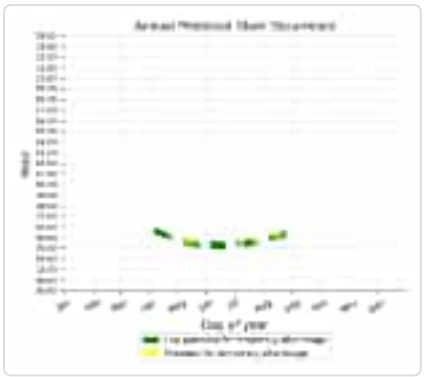


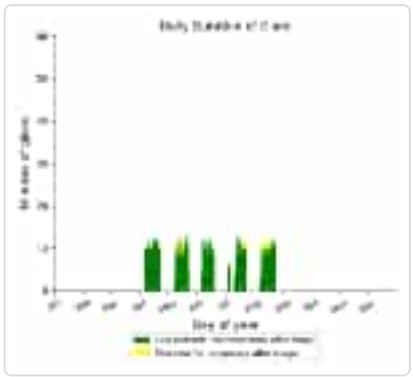


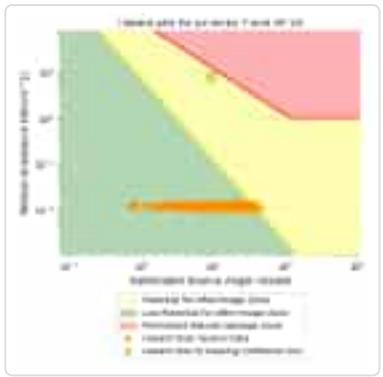
PV array 7: OP 28

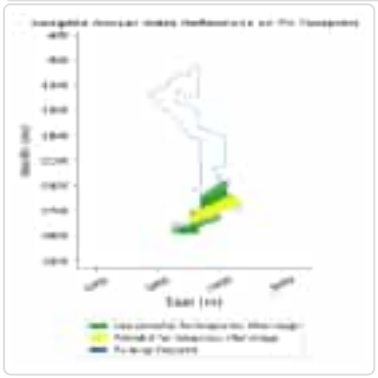
PV array is expected to produce the following glare for this receptor:

- 792 minutes of "green" glare with low potential to cause temporary after-image.
- 47 minutes of "yellow" glare with potential to cause temporary after-image.









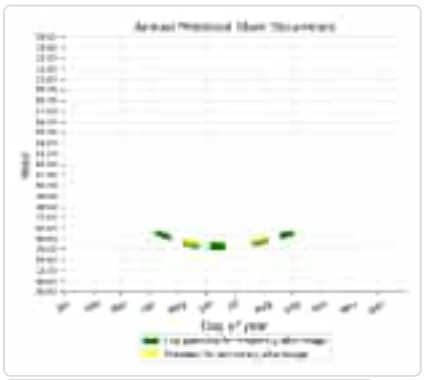
PV array 7: OP 29

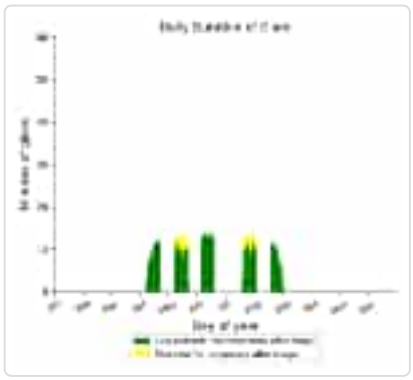
No glare found

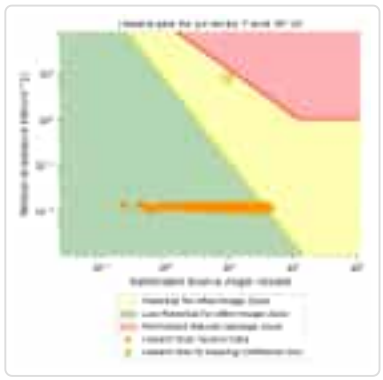
PV array 7: OP 30

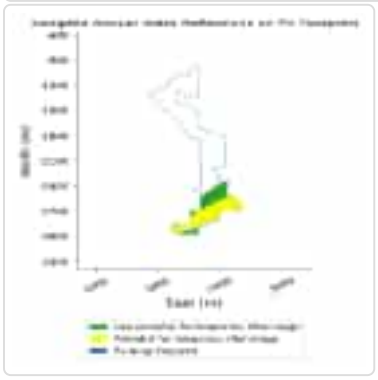
PV array is expected to produce the following glare for this receptor:

- 741 minutes of "green" glare with low potential to cause temporary after-image.
- 82 minutes of "yellow" glare with potential to cause temporary after-image.





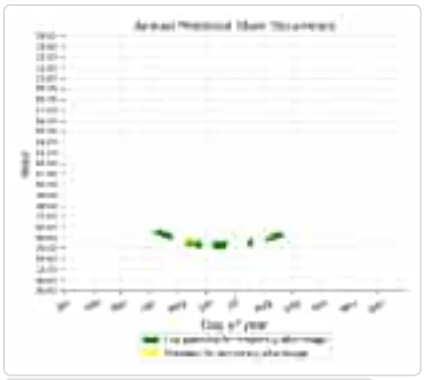


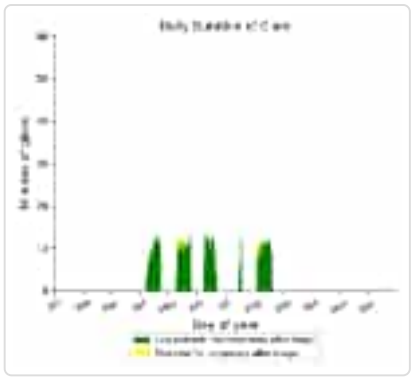


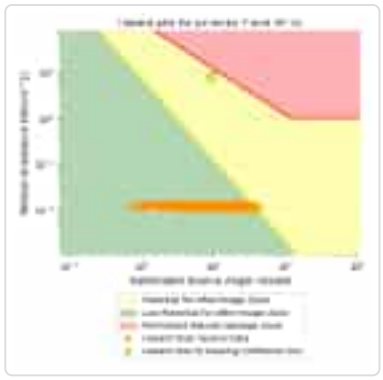
PV array 7: OP 31

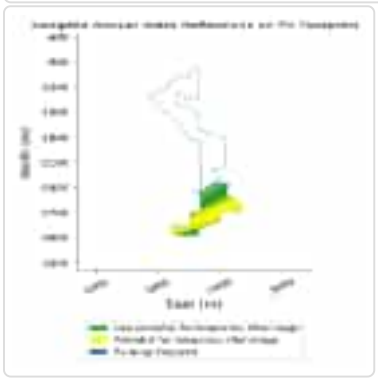
PV array is expected to produce the following glare for this receptor:

- 676 minutes of "green" glare with low potential to cause temporary after-image.
- 30 minutes of "yellow" glare with potential to cause temporary after-image.





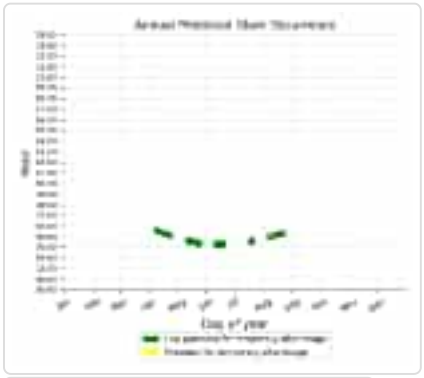


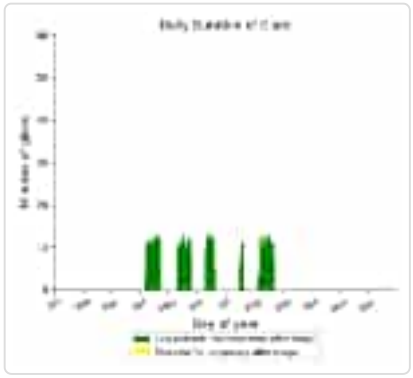


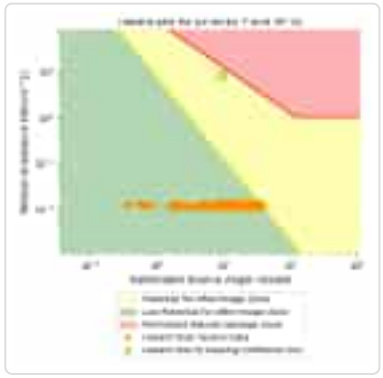
PV array 7: OP 32

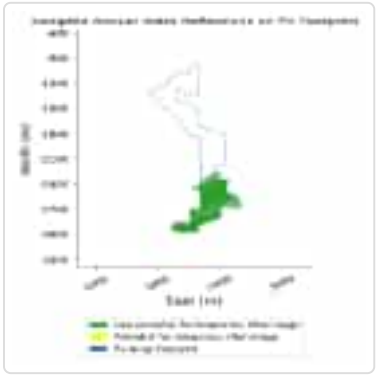
PV array is expected to produce the following glare for this receptor:

- 761 minutes of "green" glare with low potential to cause temporary after-image.
- 2 minutes of "yellow" glare with potential to cause temporary after-image.





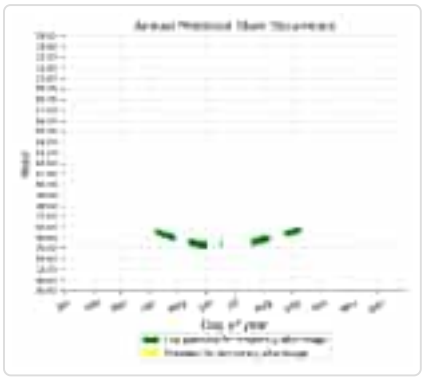


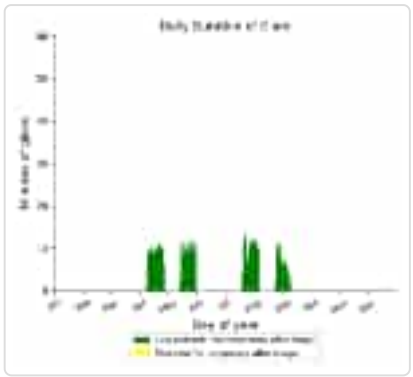


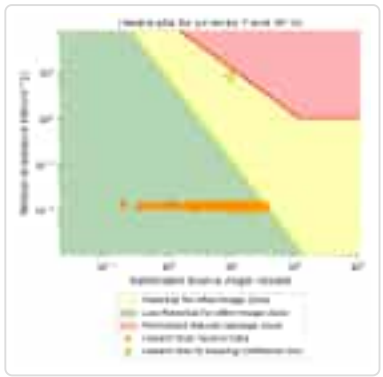
PV array 7: OP 33

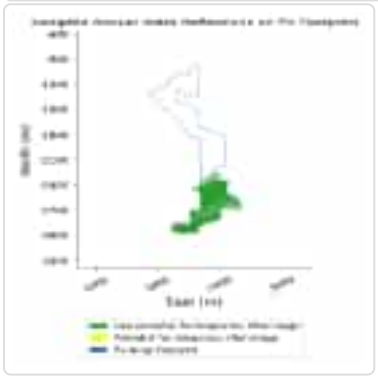
PV array is expected to produce the following glare for this receptor:

- 666 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





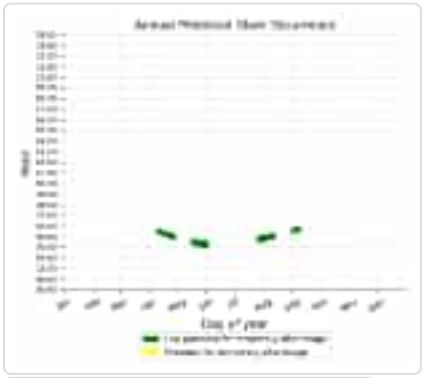


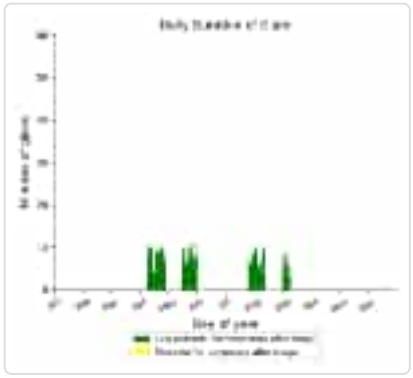


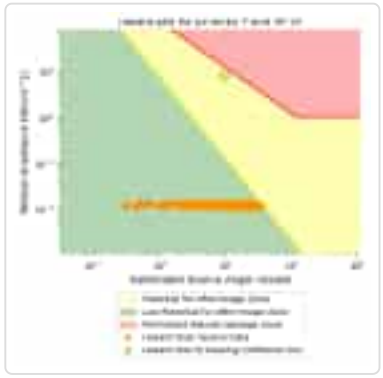
PV array 7: OP 34

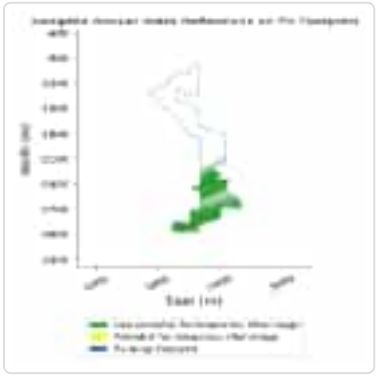
PV array is expected to produce the following glare for this receptor:

- 490 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









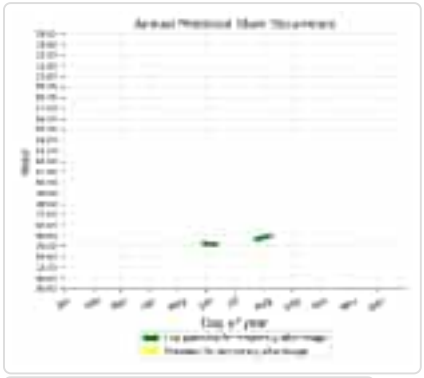
PV array 7: OP 35

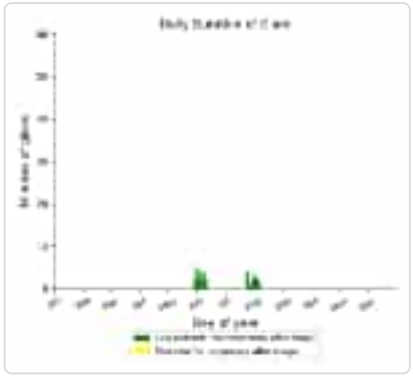
No glare found

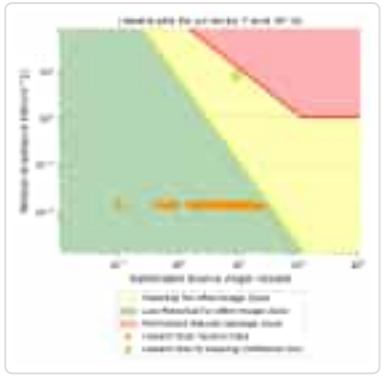
PV array 7: OP 36

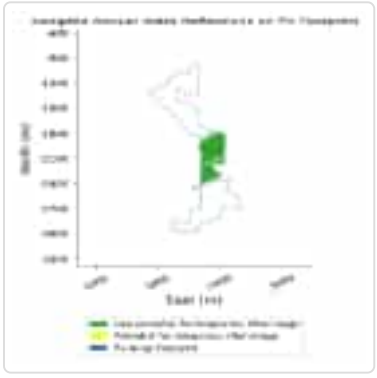
PV array is expected to produce the following glare for this receptor:

- 87 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





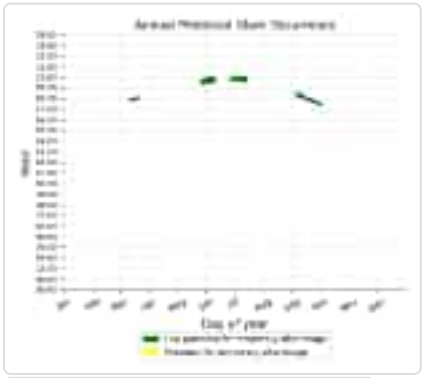


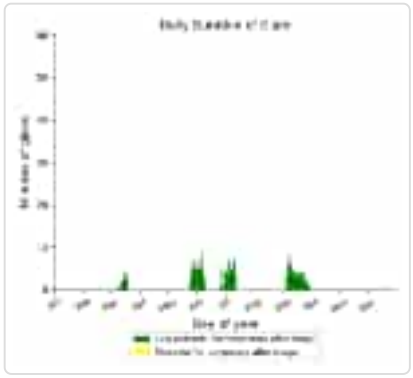


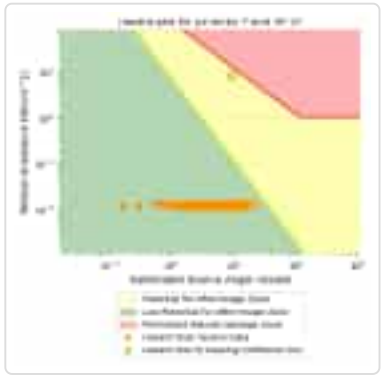
PV array 7: OP 37

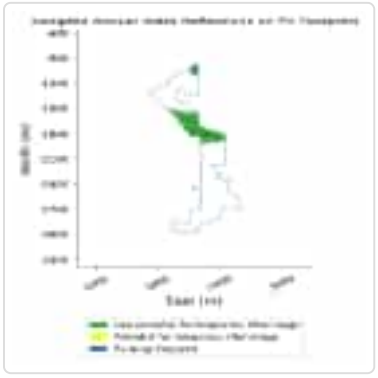
PV array is expected to produce the following glare for this receptor:

- 284 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





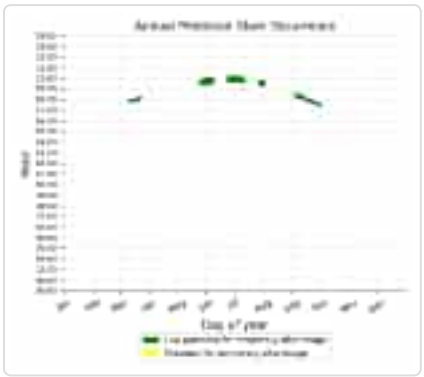


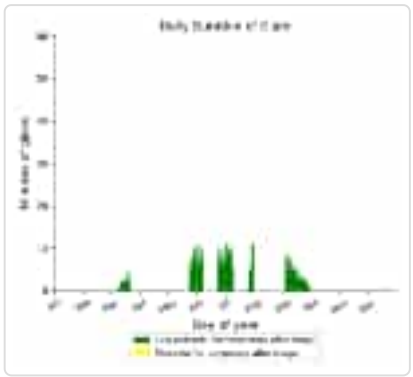


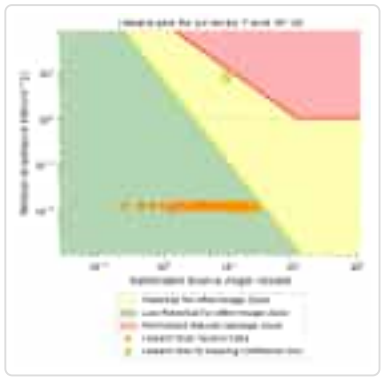
PV array 7: OP 38

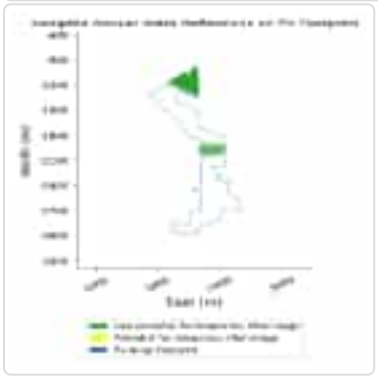
PV array is expected to produce the following glare for this receptor:

- 455 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





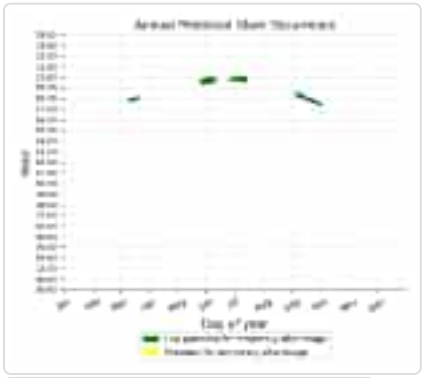


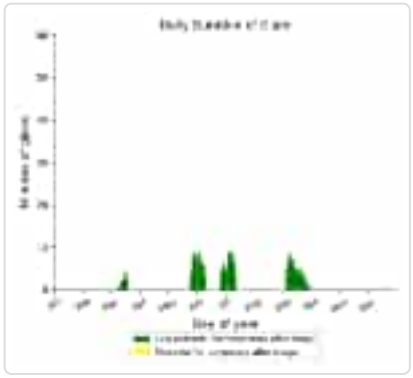


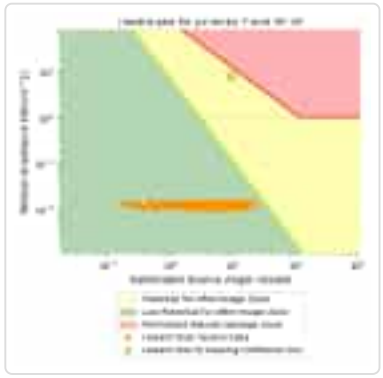
PV array 7: OP 39

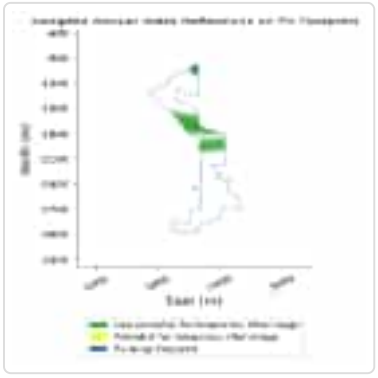
PV array is expected to produce the following glare for this receptor:

- 376 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





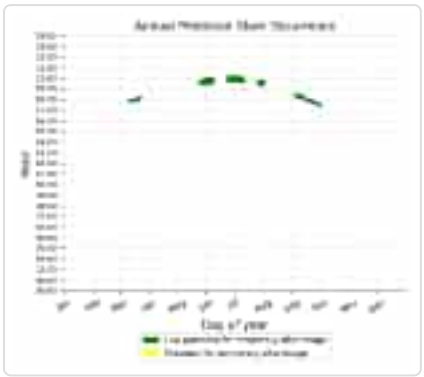


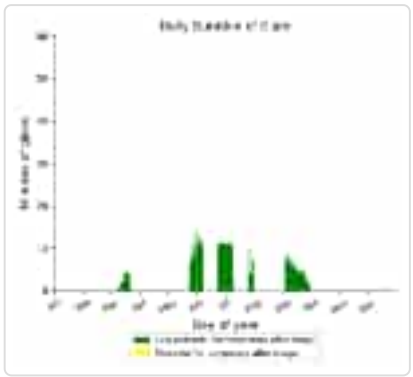


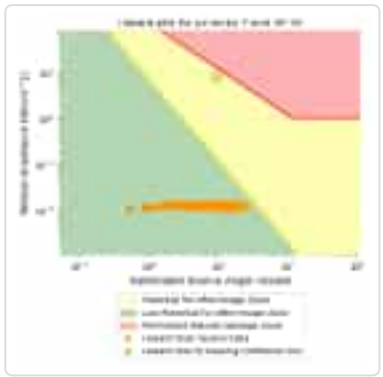
PV array 7: OP 40

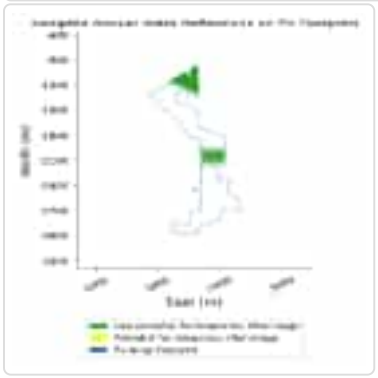
PV array is expected to produce the following glare for this receptor:

- 555 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





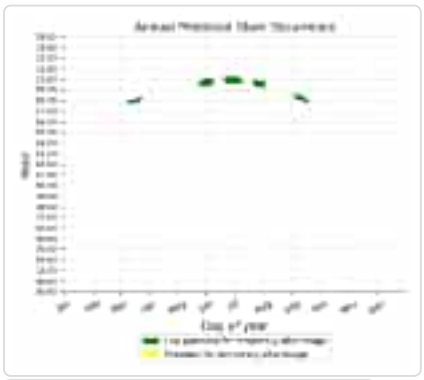


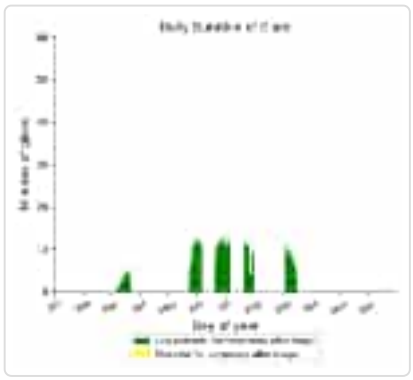


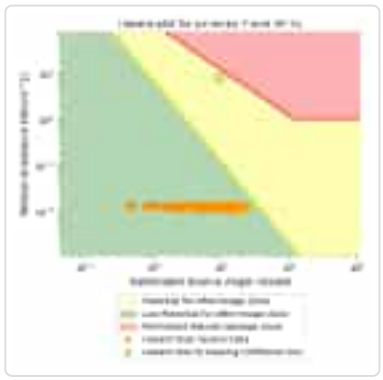
PV array 7: OP 41

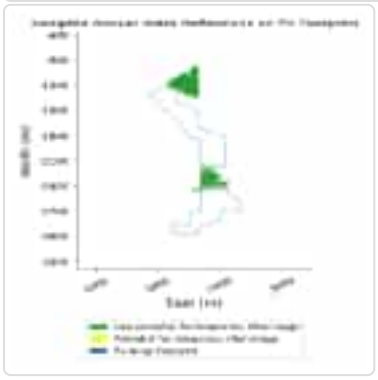
PV array is expected to produce the following glare for this receptor:

- 575 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





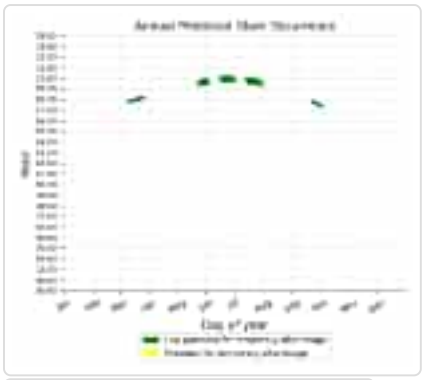


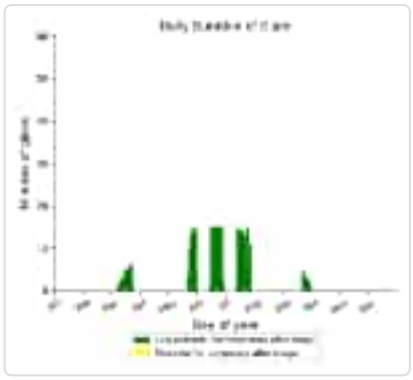


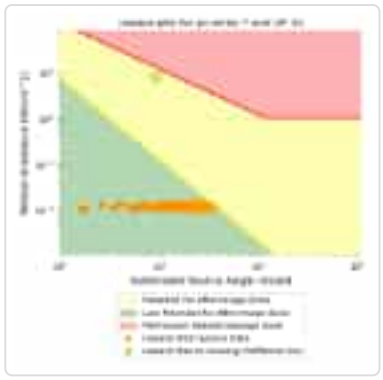
PV array 7: OP 42

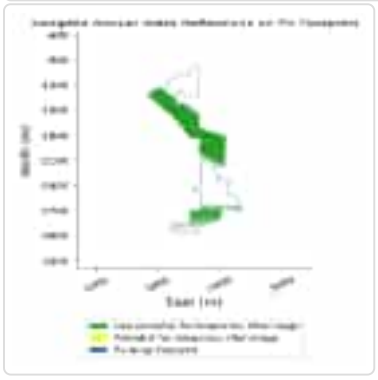
PV array is expected to produce the following glare for this receptor:

- 667 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





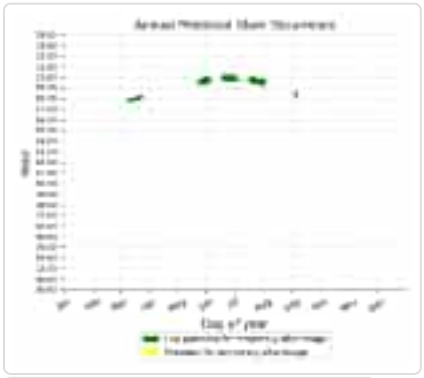


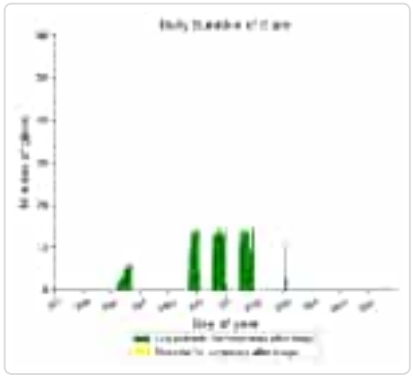


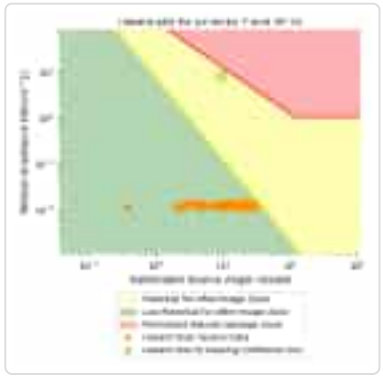
PV array 7: OP 43

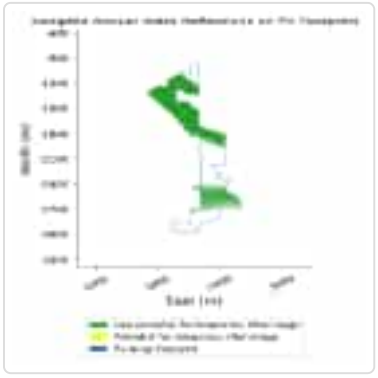
PV array is expected to produce the following glare for this receptor:

- 624 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





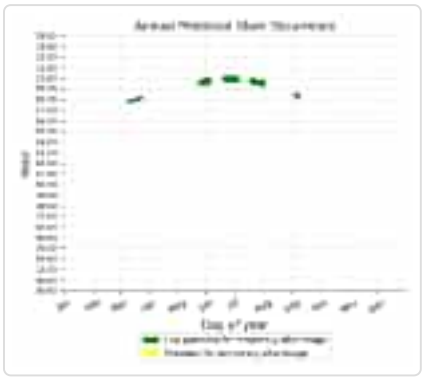


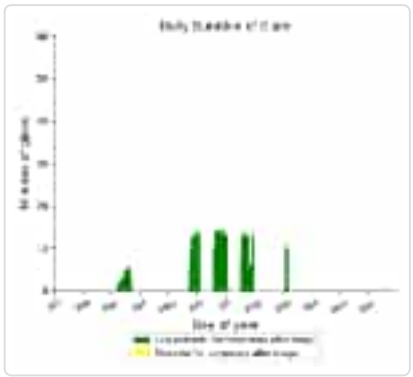


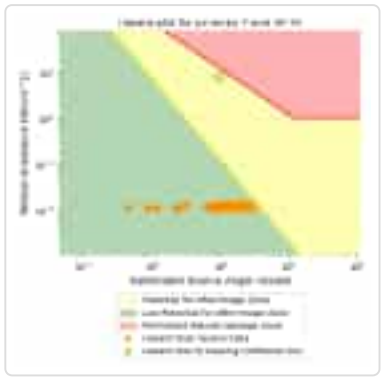
PV array 7: OP 44

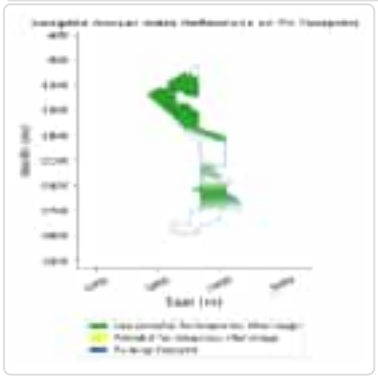
PV array is expected to produce the following glare for this receptor:

- 626 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





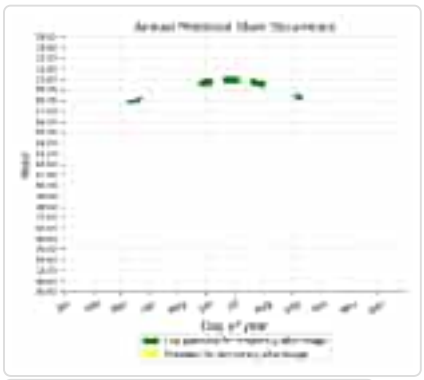


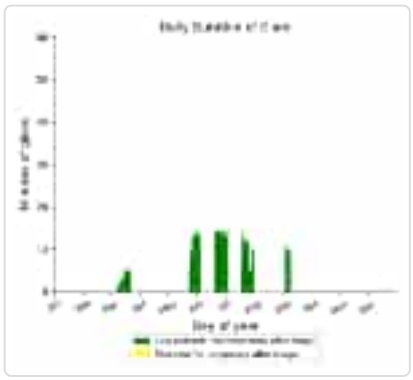


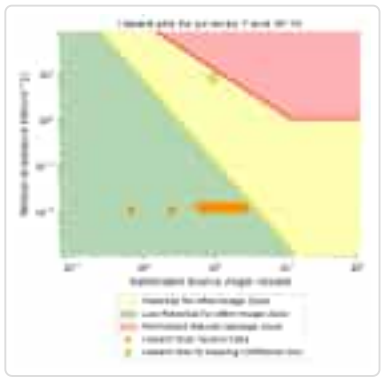
PV array 7: OP 45

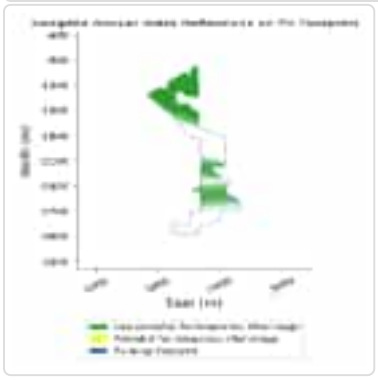
PV array is expected to produce the following glare for this receptor:

- 622 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





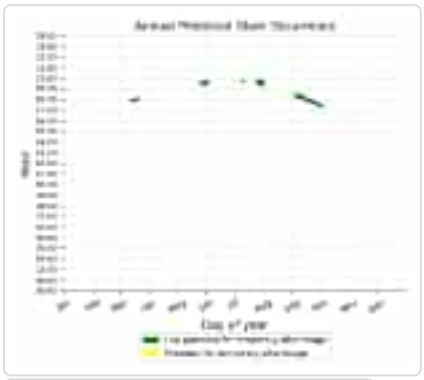


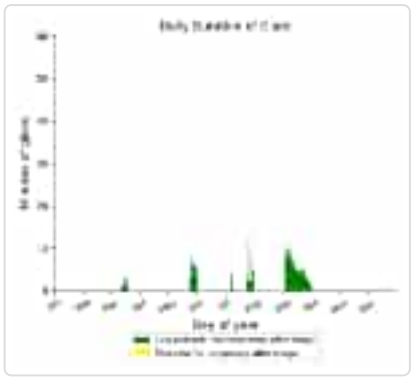


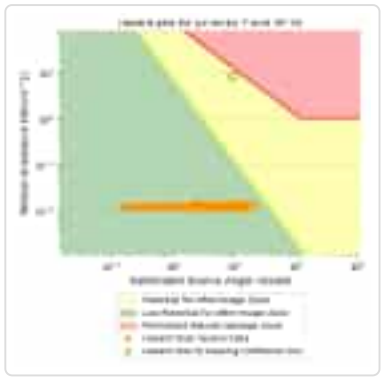
PV array 7: OP 46

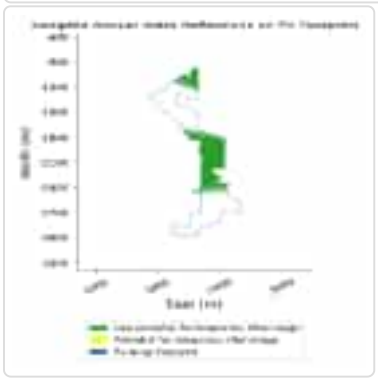
PV array is expected to produce the following glare for this receptor:

- 268 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





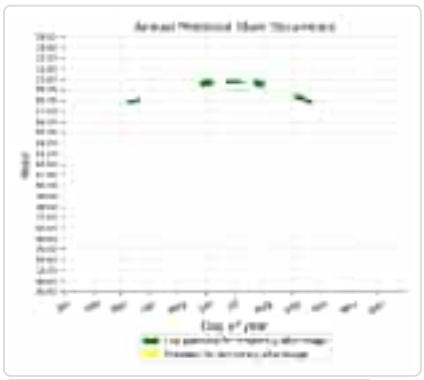


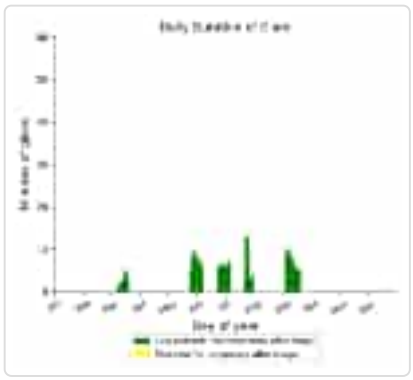


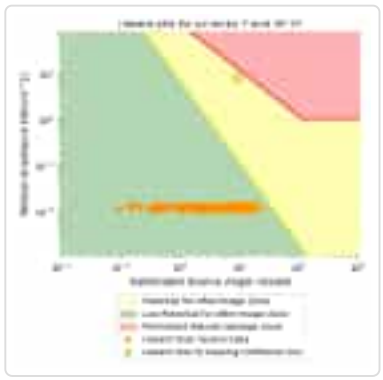
PV array 7: OP 47

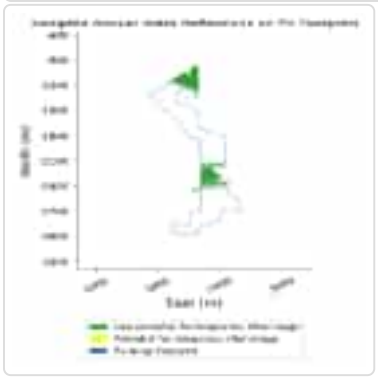
PV array is expected to produce the following glare for this receptor:

- 461 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





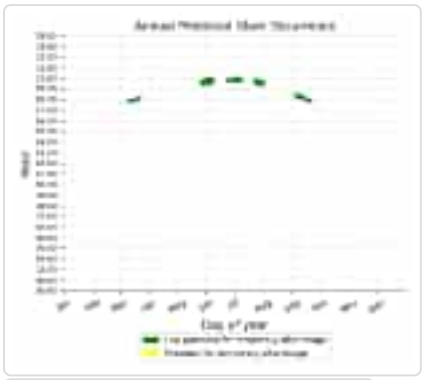


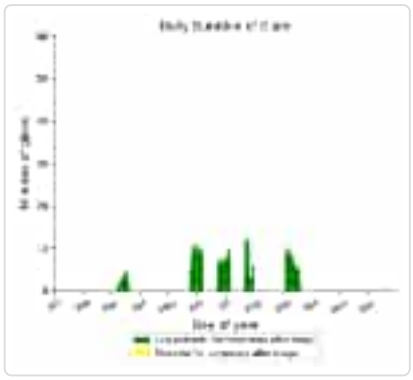


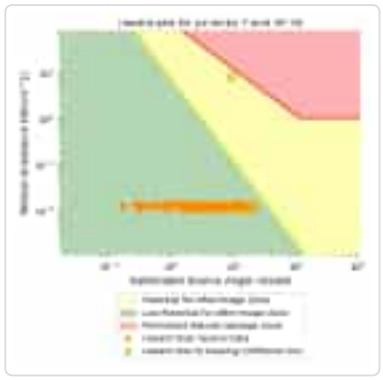
PV array 7: OP 48

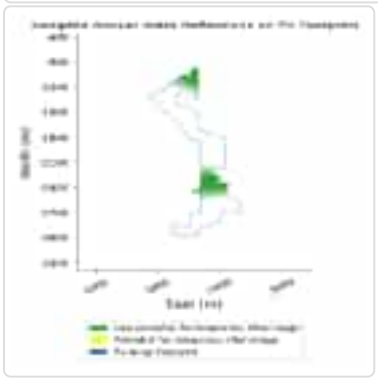
PV array is expected to produce the following glare for this receptor:

- 497 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





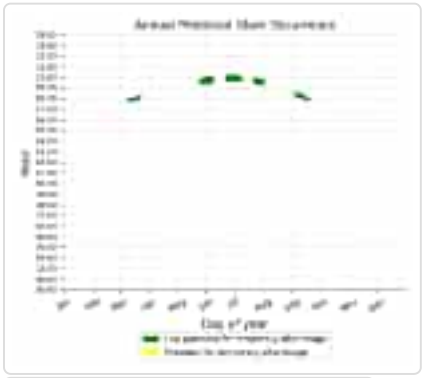


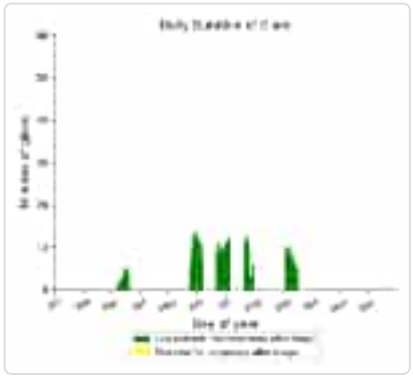


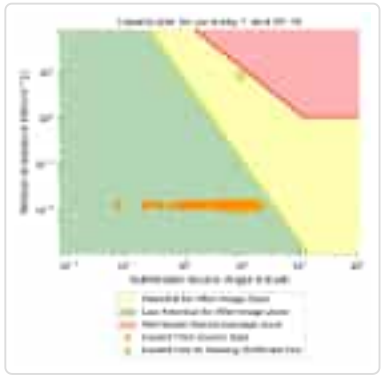
PV array 7: OP 49

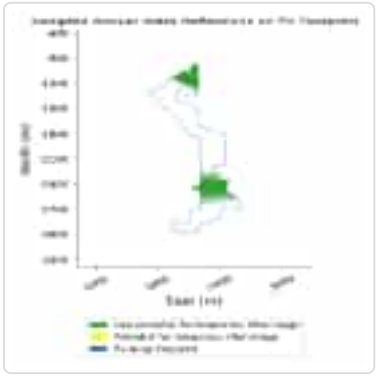
PV array is expected to produce the following glare for this receptor:

- 564 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





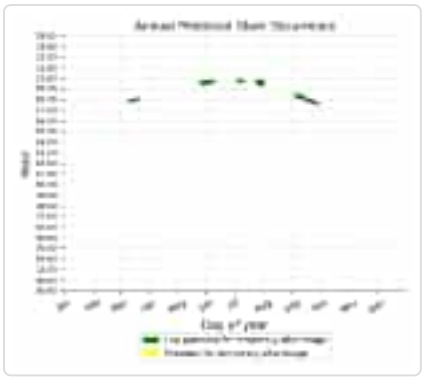


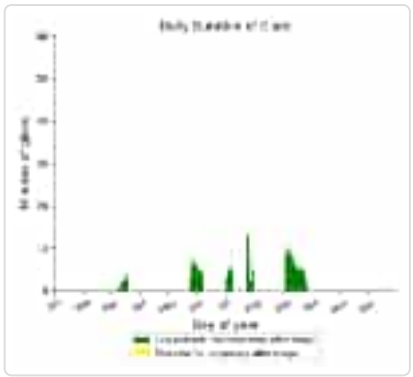


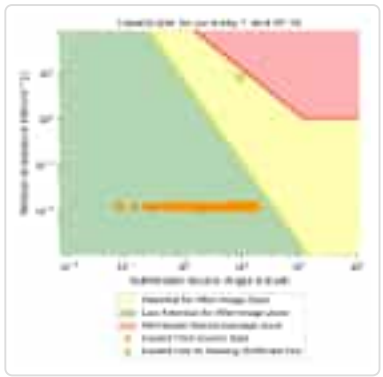
PV array 7: OP 50

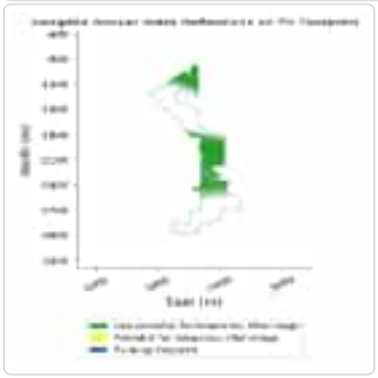
PV array is expected to produce the following glare for this receptor:

- 352 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





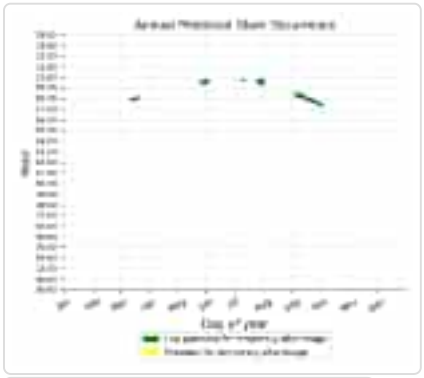


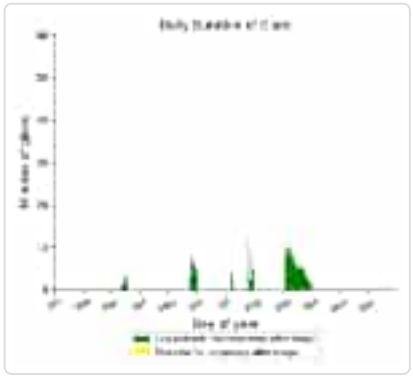


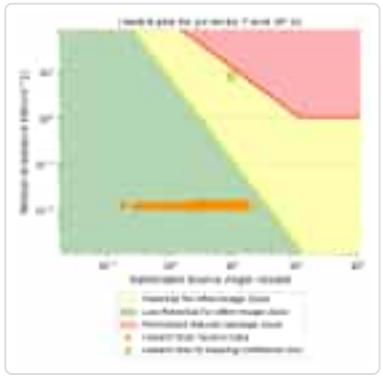
PV array 7: OP 51

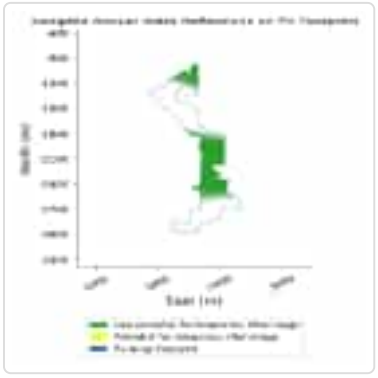
PV array is expected to produce the following glare for this receptor:

- 275 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





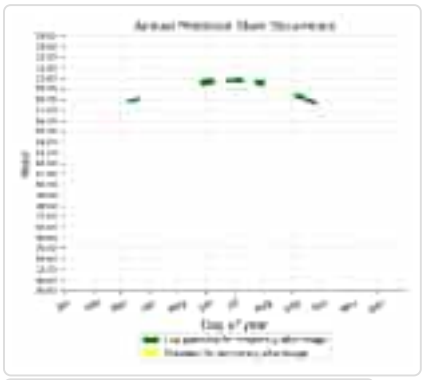


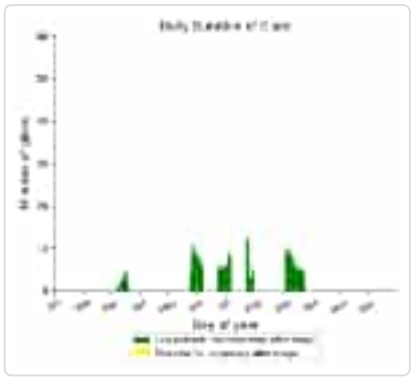


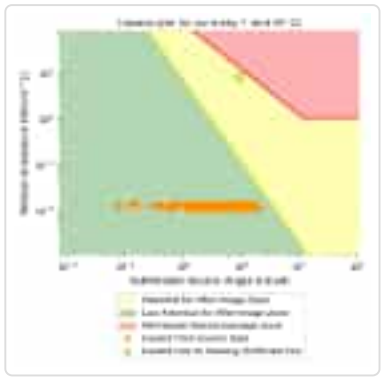
PV array 7: OP 52

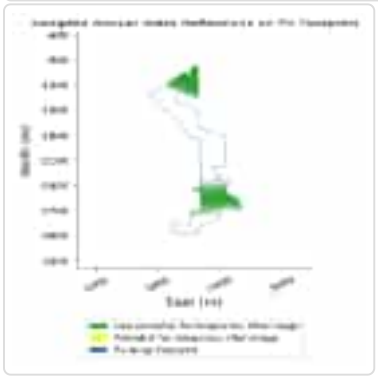
PV array is expected to produce the following glare for this receptor:

- 472 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





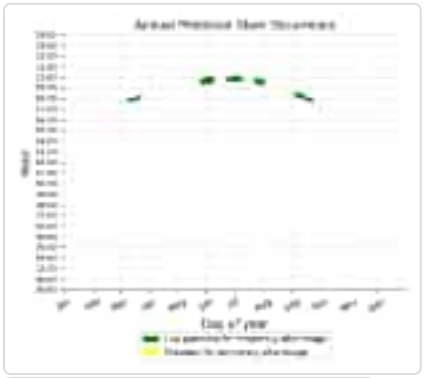


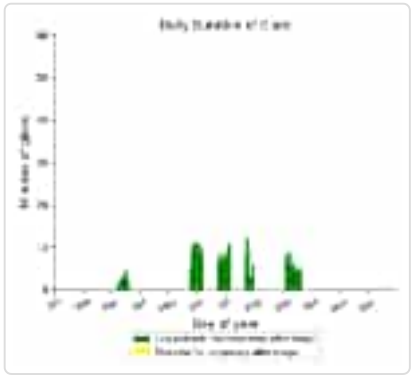


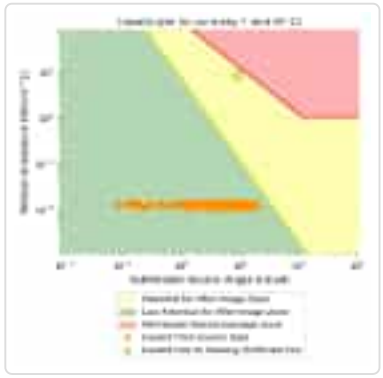
PV array 7: OP 53

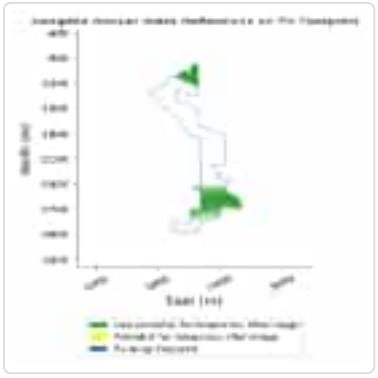
PV array is expected to produce the following glare for this receptor:

- 499 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





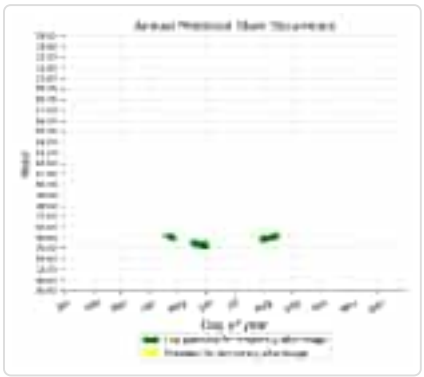


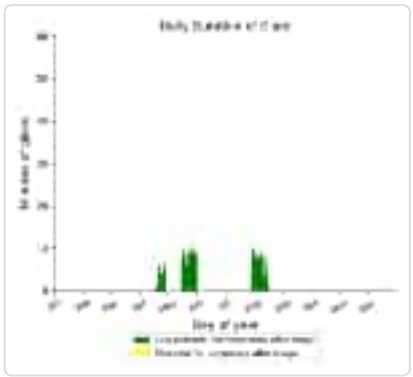


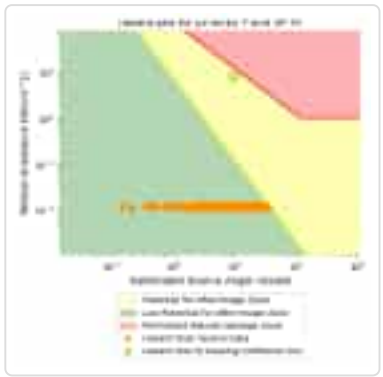
PV array 7: OP 54

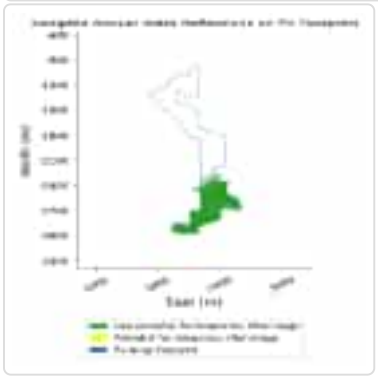
PV array is expected to produce the following glare for this receptor:

- 345 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





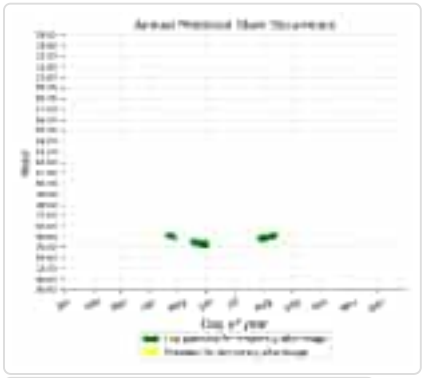


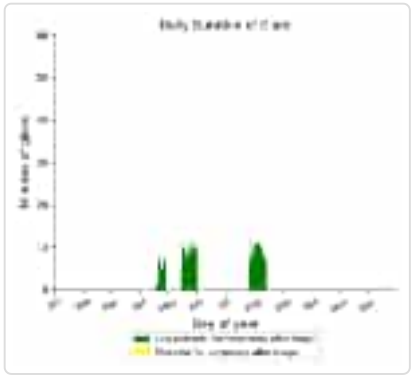


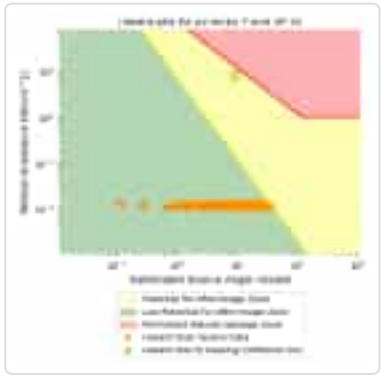
PV array 7: OP 55

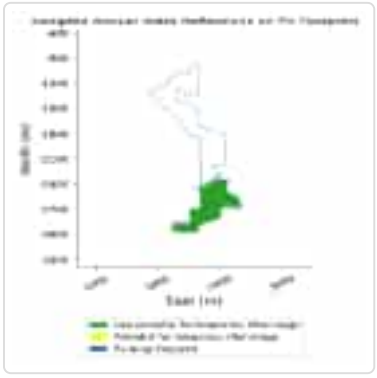
PV array is expected to produce the following glare for this receptor:

- 378 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





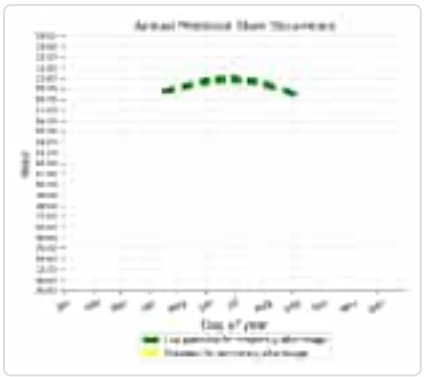


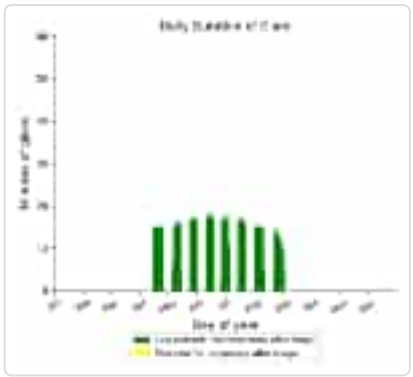


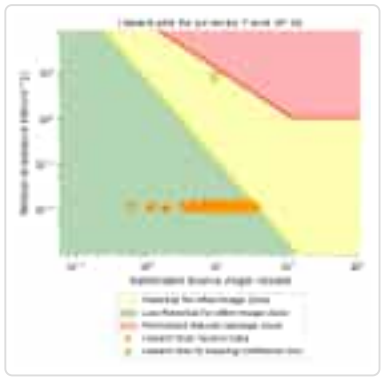
PV array 7: OP 56

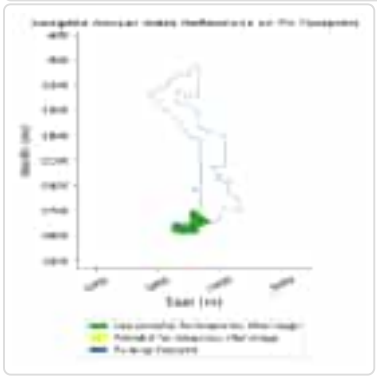
PV array is expected to produce the following glare for this receptor:

- 1,230 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





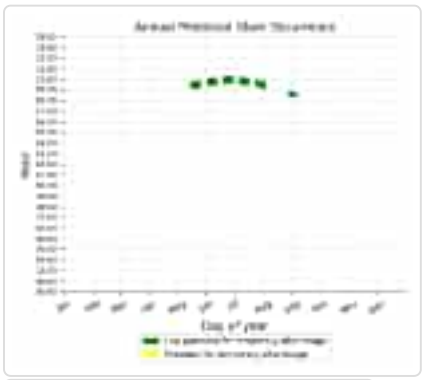


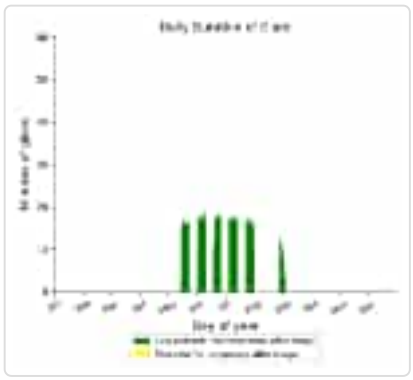


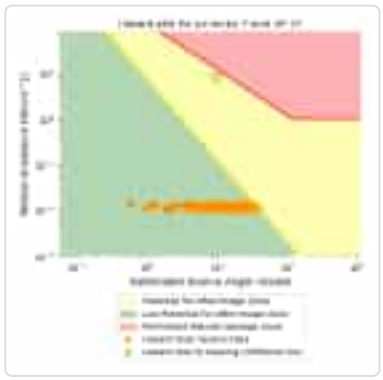
PV array 7: OP 57

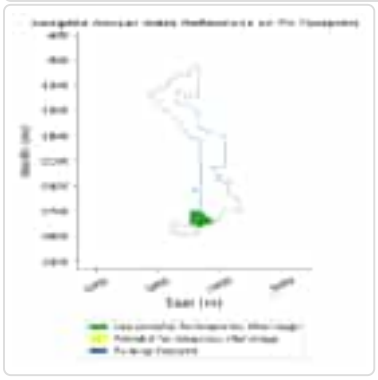
PV array is expected to produce the following glare for this receptor:

- 828 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





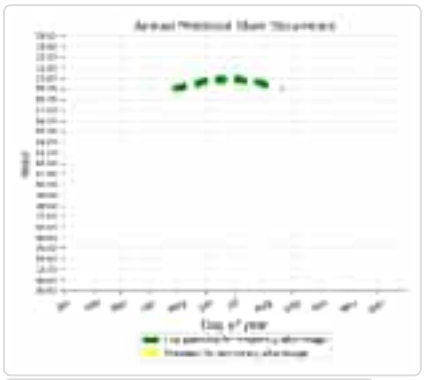


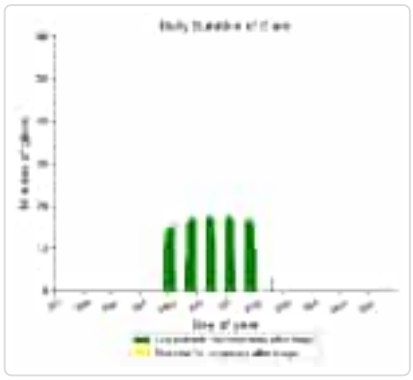


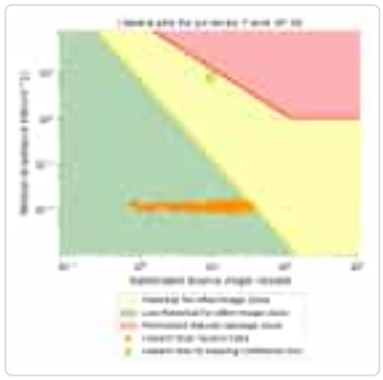
PV array 7: OP 58

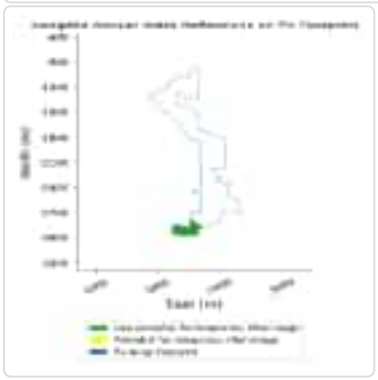
PV array is expected to produce the following glare for this receptor:

- 930 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





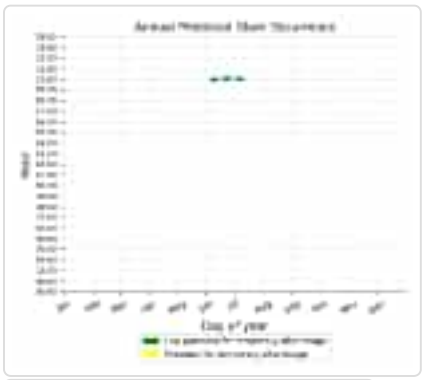


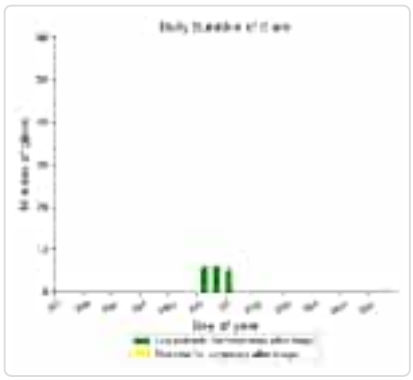


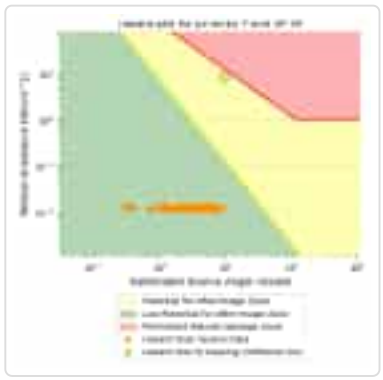
PV array 7: OP 59

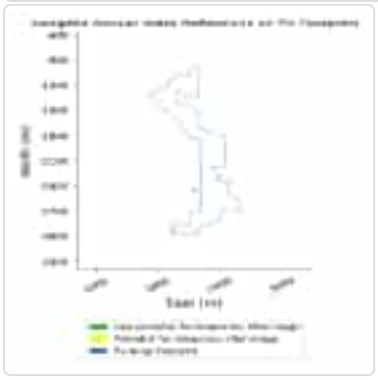
PV array is expected to produce the following glare for this receptor:

- 115 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





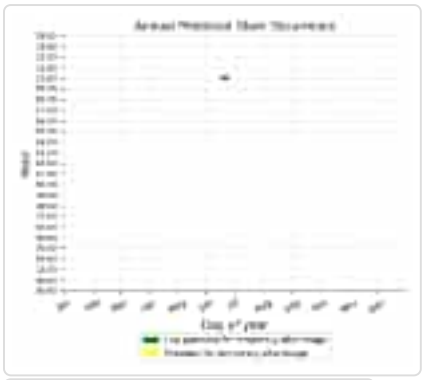


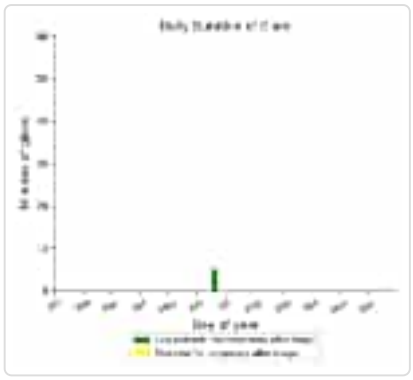


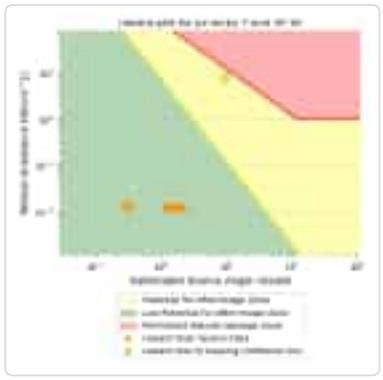
PV array 7: OP 60

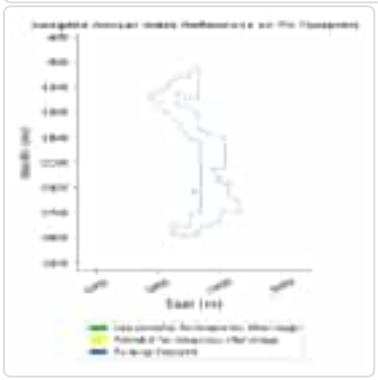
PV array is expected to produce the following glare for this receptor:

- 35 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





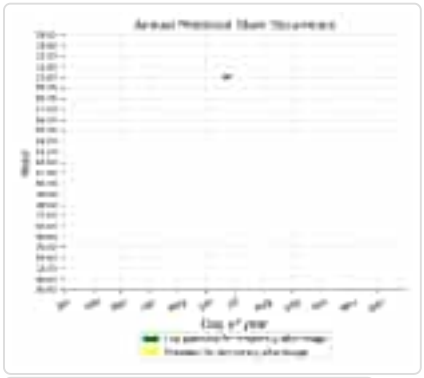


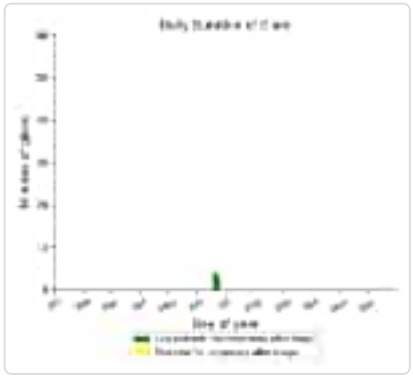


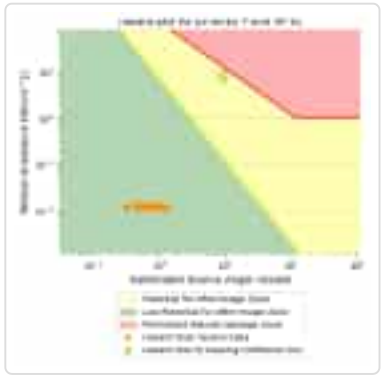
PV array 7: OP 61

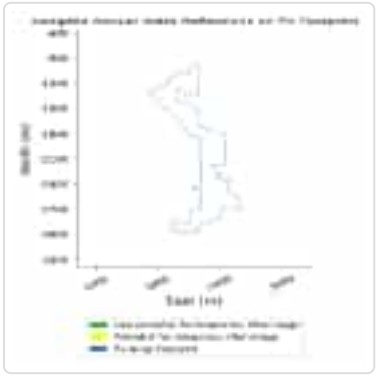
PV array is expected to produce the following glare for this receptor:

- 26 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





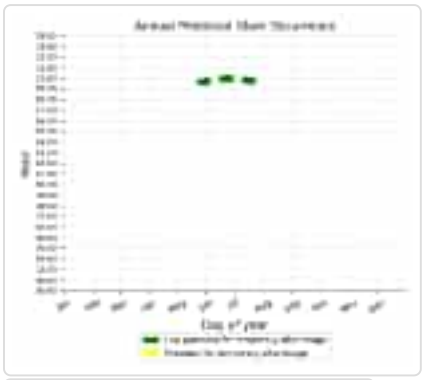


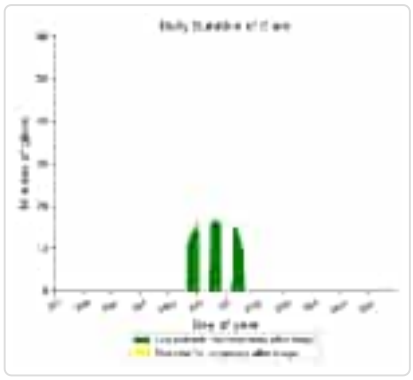


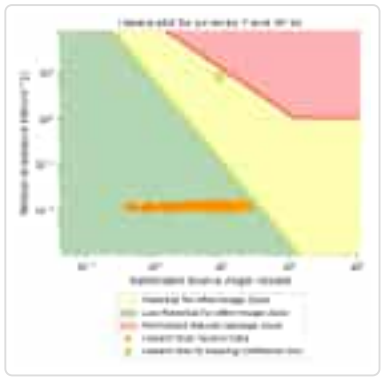
PV array 7: OP 62

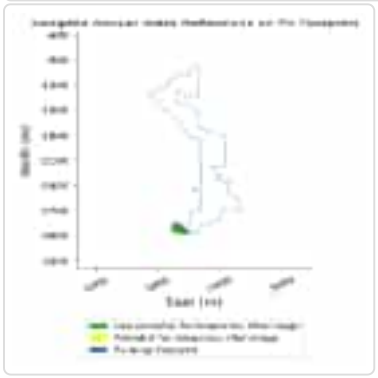
PV array is expected to produce the following glare for this receptor:

- 542 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 63

No glare found

PV array 7: OP 64

No glare found

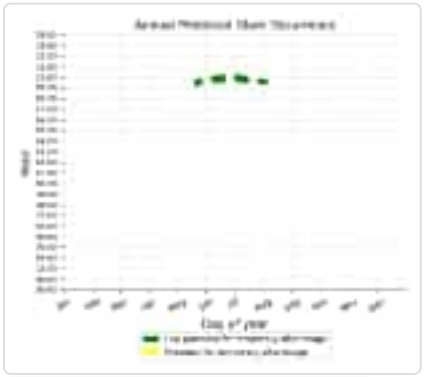
PV array 7: OP 65

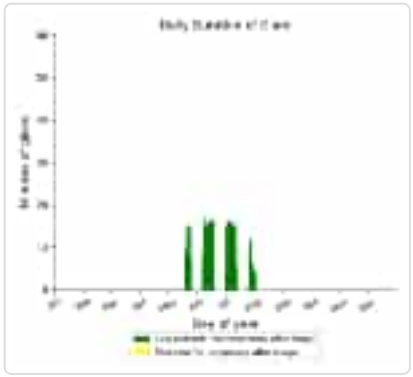
No glare found

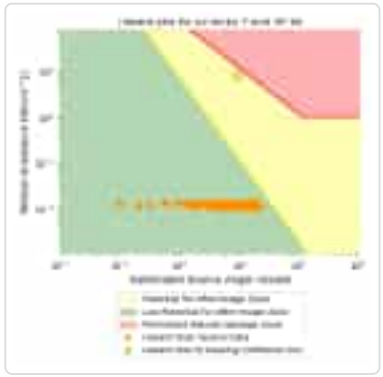
PV array 7: OP 66

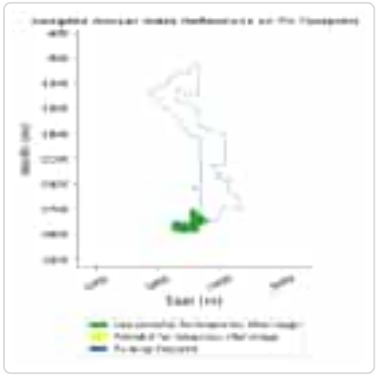
PV array is expected to produce the following glare for this receptor:

- 550 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





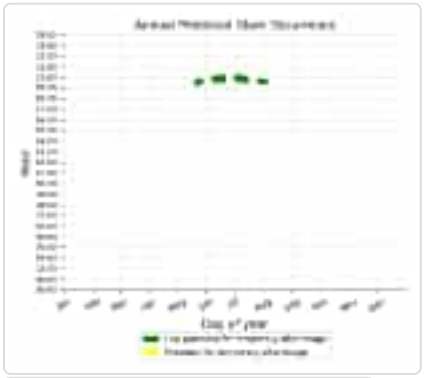


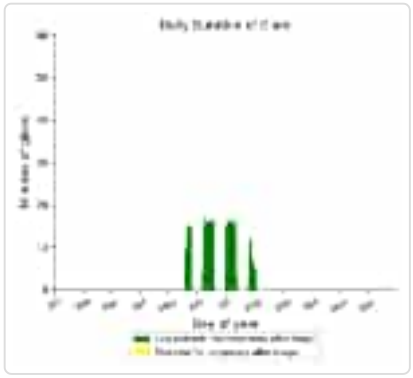


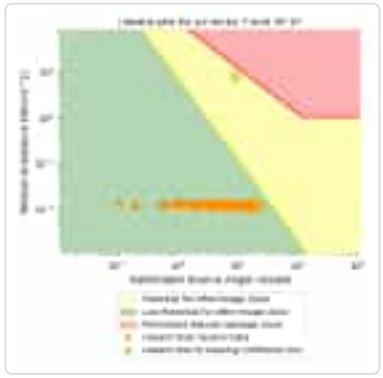
PV array 7: OP 67

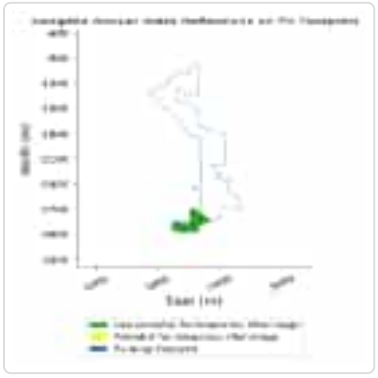
PV array is expected to produce the following glare for this receptor:

- 560 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





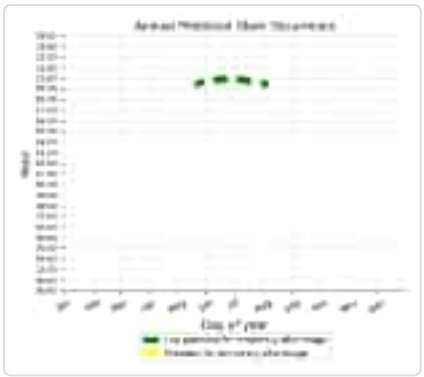


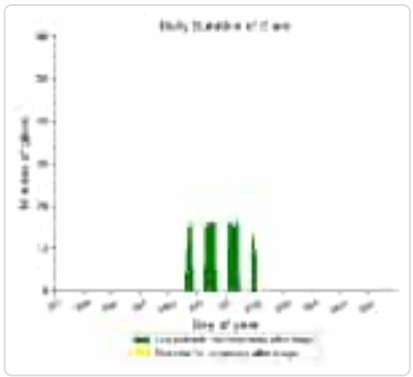


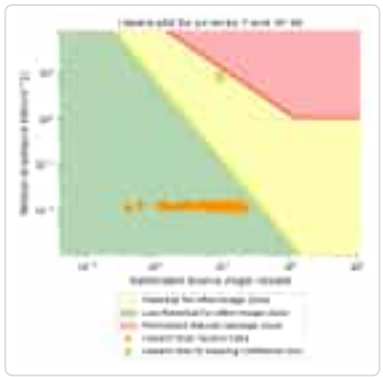
PV array 7: OP 68

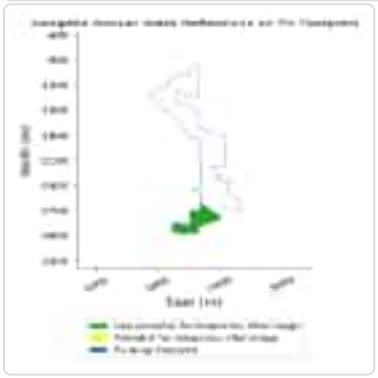
PV array is expected to produce the following glare for this receptor:

- 575 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





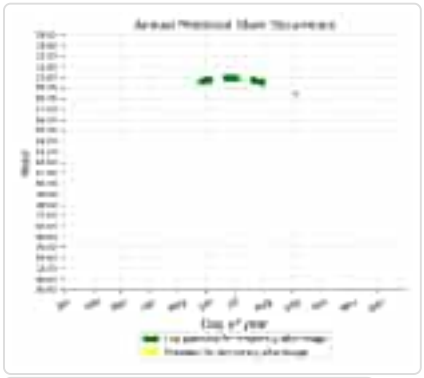


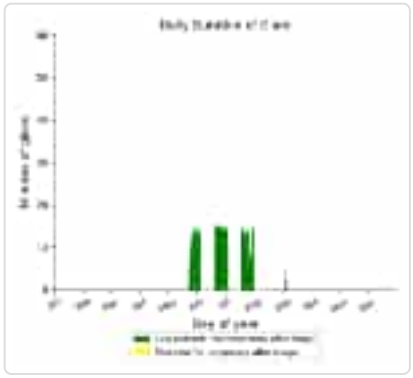


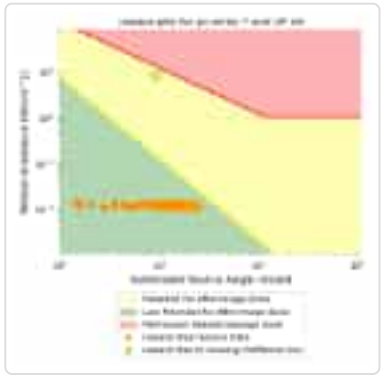
PV array 7: OP 69

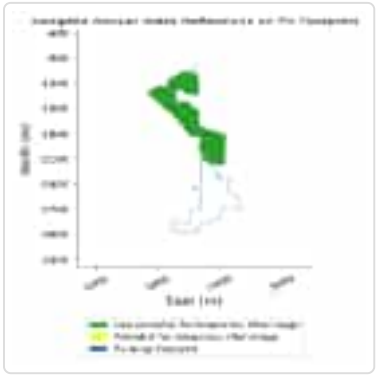
PV array is expected to produce the following glare for this receptor:

- 556 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





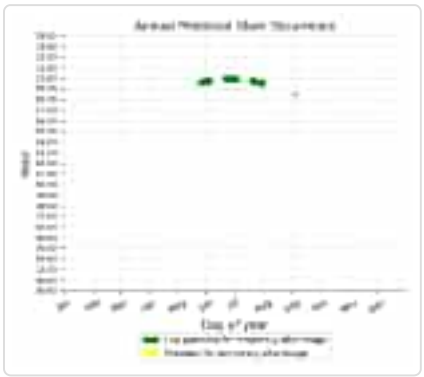


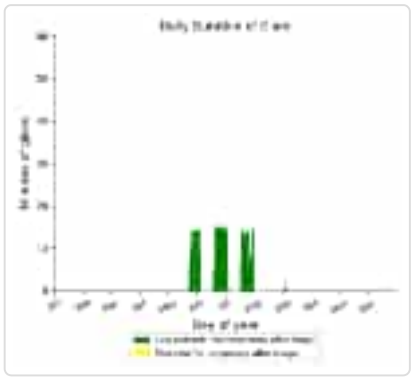


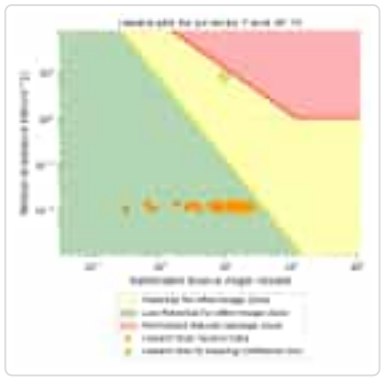
PV array 7: OP 70

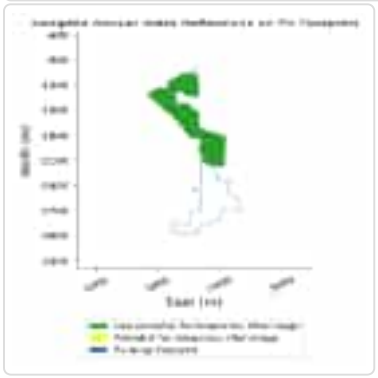
PV array is expected to produce the following glare for this receptor:

- 560 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





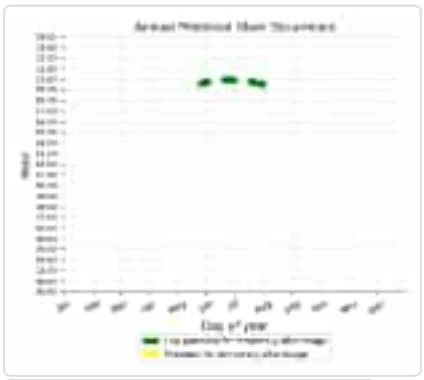


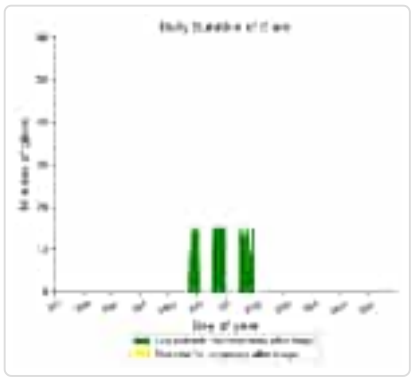


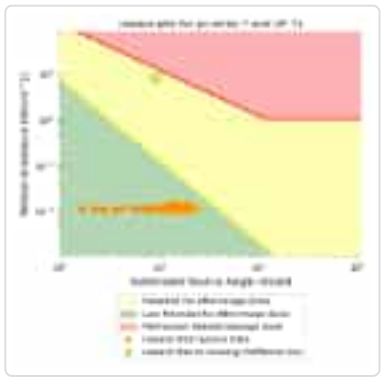
PV array 7: OP 71

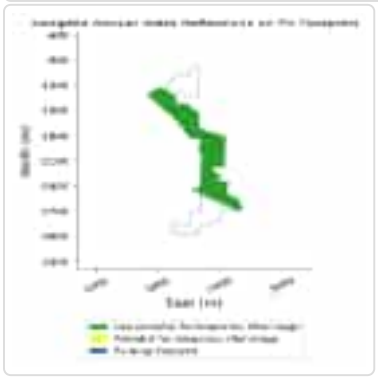
PV array is expected to produce the following glare for this receptor:

- 592 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





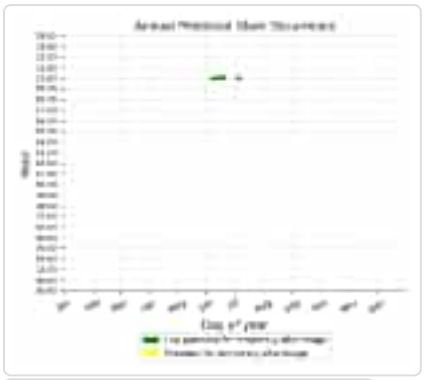


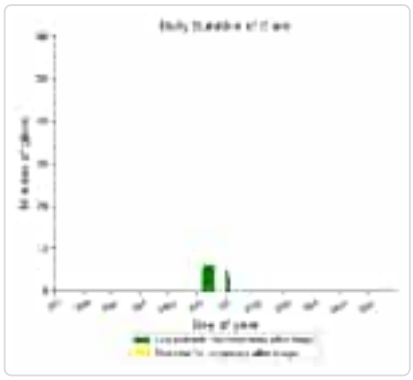


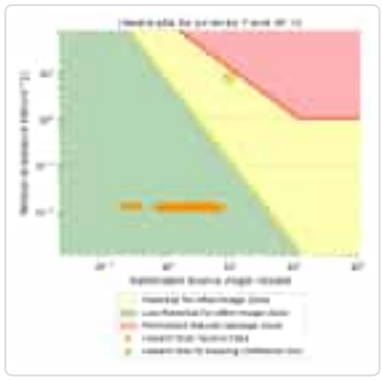
PV array 7: OP 72

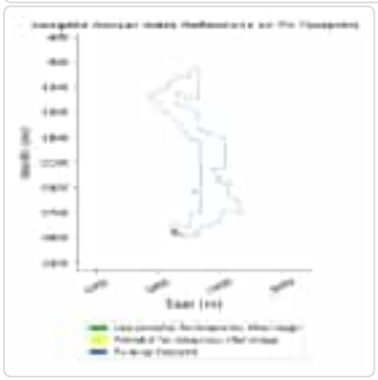
PV array is expected to produce the following glare for this receptor:

- 98 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 73

No glare found

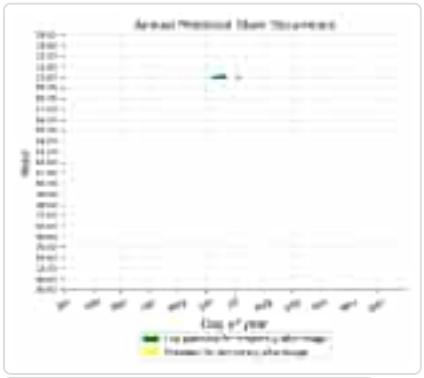
PV array 7: OP 74

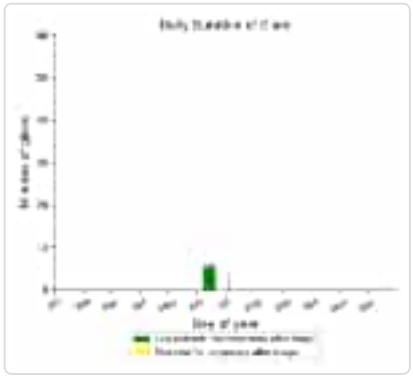
No glare found

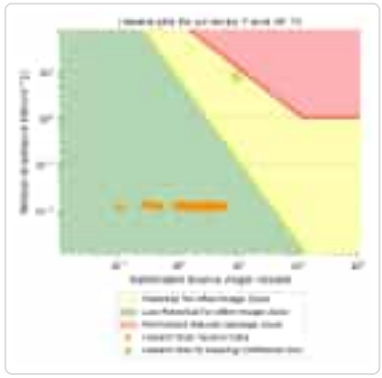
PV array 7: OP 75

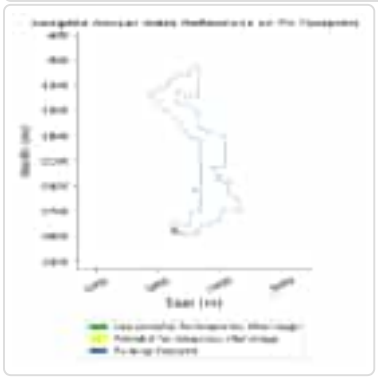
PV array is expected to produce the following glare for this receptor:

- 84 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





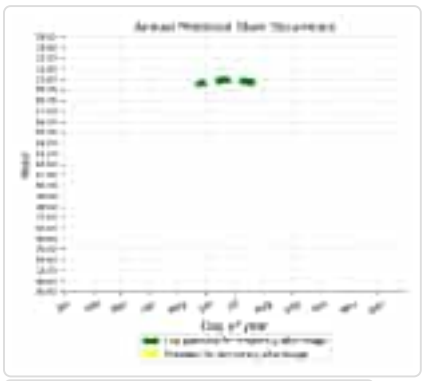


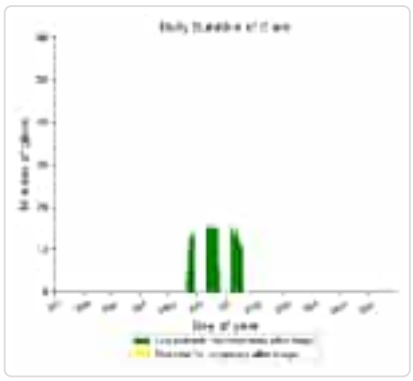


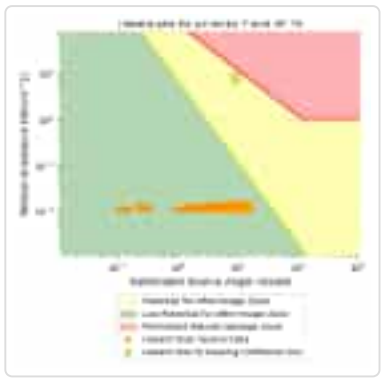
PV array 7: OP 76

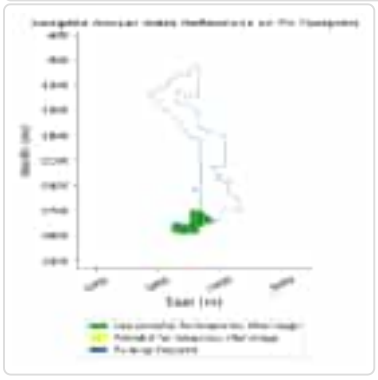
PV array is expected to produce the following glare for this receptor:

- 477 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 77

No glare found

PV array 7: OP 78

No glare found

PV array 7: OP 79

No glare found

PV array 7: OP 80

No glare found

PV array 8 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	87	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0

OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	24	0
OP: OP 41	32	0
OP: OP 42	140	0
OP: OP 43	77	0
OP: OP 44	52	0
OP: OP 45	46	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	43	0
OP: OP 53	62	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	40	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

PV array 8: OP 1

No glare found

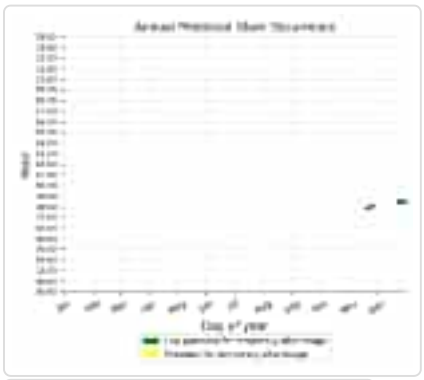
PV array 8: OP 2

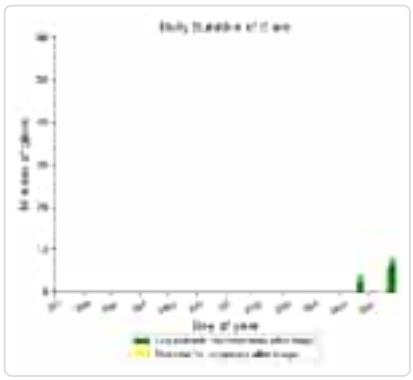
No glare found

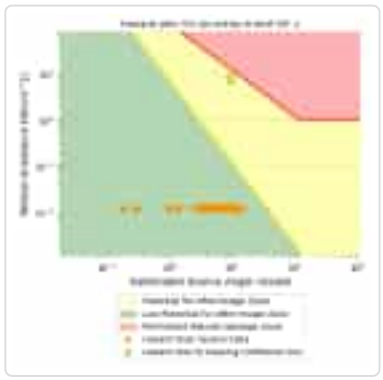
PV array 8: OP 3

PV array is expected to produce the following glare for this receptor:

- 87 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 8: OP 4

No glare found

PV array 8: OP 5

No glare found

PV array 8: OP 6

No glare found

PV array 8: OP 7

No glare found

PV array 8: OP 8

No glare found

PV array 8: OP 9

No glare found

PV array 8: OP 10

No glare found

PV array 8: OP 11

No glare found

PV array 8: OP 12

No glare found

PV array 8: OP 13

No glare found

PV array 8: OP 14

No glare found

PV array 8: OP 15

No glare found

PV array 8: OP 16

No glare found

PV array 8: OP 17

No glare found

PV array 8: OP 18

No glare found

PV array 8: OP 19

No glare found

PV array 8: OP 20

No glare found

PV array 8: OP 21

No glare found

PV array 8: OP 22

No glare found

PV array 8: OP 23

No glare found

PV array 8: OP 24

No glare found

PV array 8: OP 25

No glare found

PV array 8: OP 26

No glare found

PV array 8: OP 27

No glare found

PV array 8: OP 28

No glare found

PV array 8: OP 29

No glare found

PV array 8: OP 30

No glare found

PV array 8: OP 31

No glare found

PV array 8: OP 32

No glare found

PV array 8: OP 33

No glare found

PV array 8: OP 34

No glare found

PV array 8: OP 35

No glare found

PV array 8: OP 36

No glare found

PV array 8: OP 37

No glare found

PV array 8: OP 38

No glare found

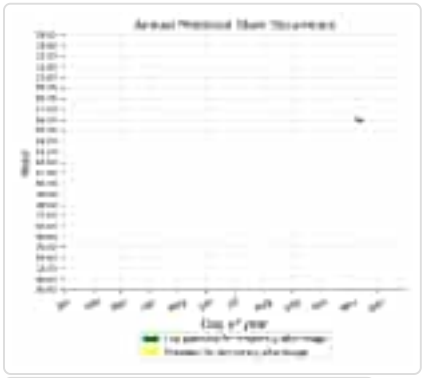
PV array 8: OP 39

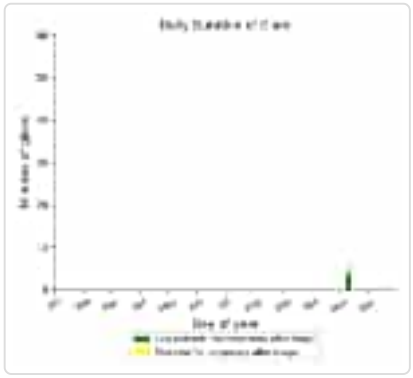
No glare found

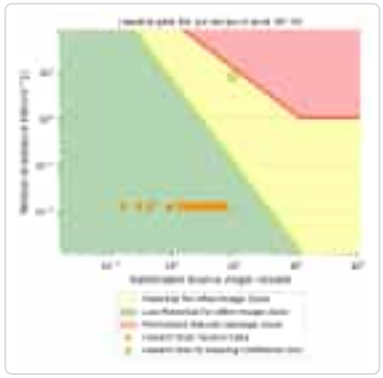
PV array 8: OP 40

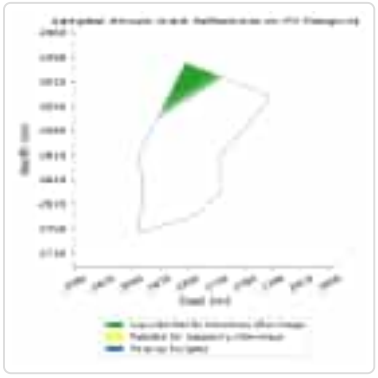
PV array is expected to produce the following glare for this receptor:

- 24 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





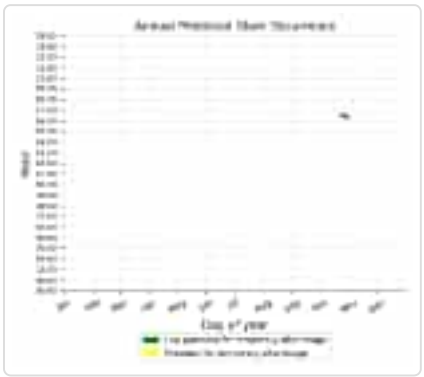


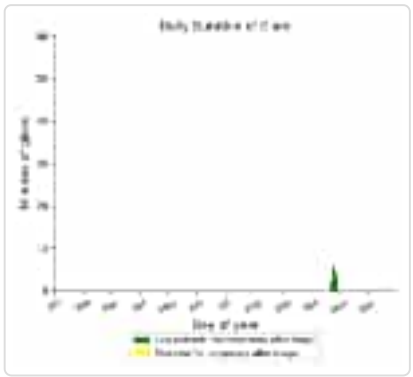


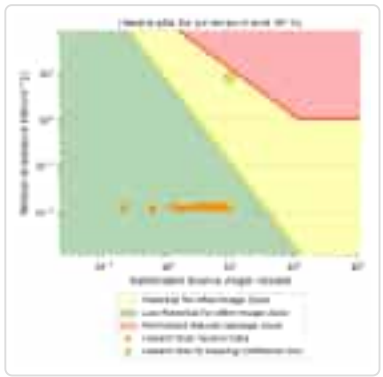
PV array 8: OP 41

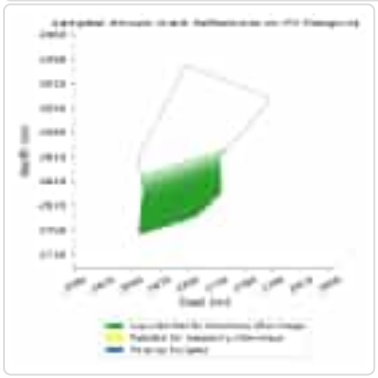
PV array is expected to produce the following glare for this receptor:

- 32 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





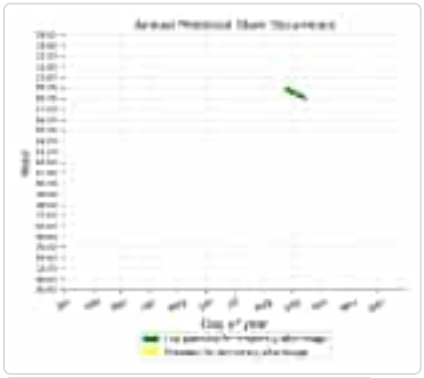


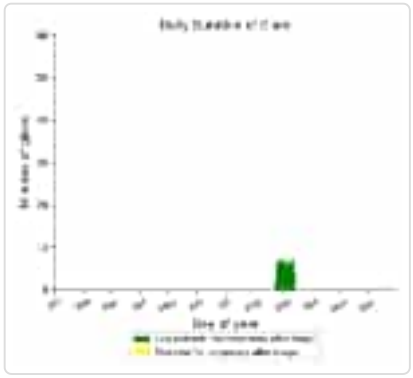


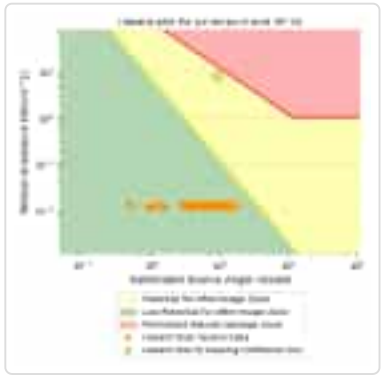
PV array 8: OP 42

PV array is expected to produce the following glare for this receptor:

- 140 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



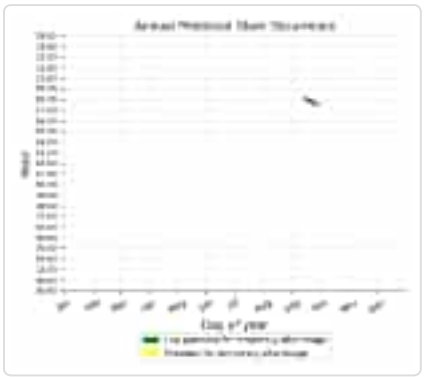


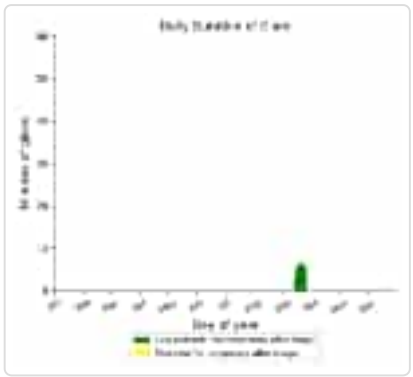


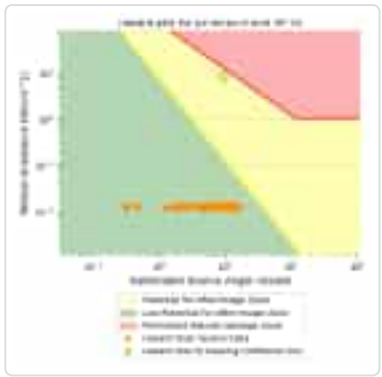
PV array 8: OP 43

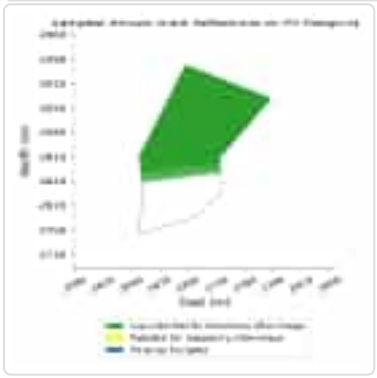
PV array is expected to produce the following glare for this receptor:

- 77 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





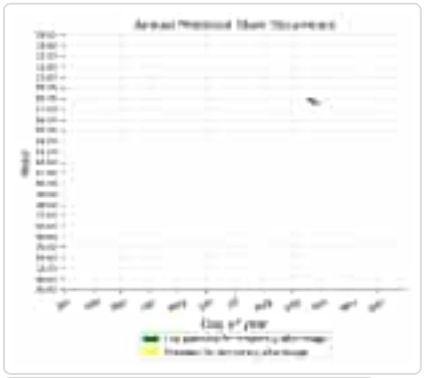


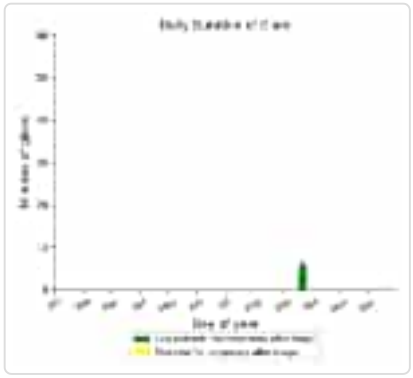


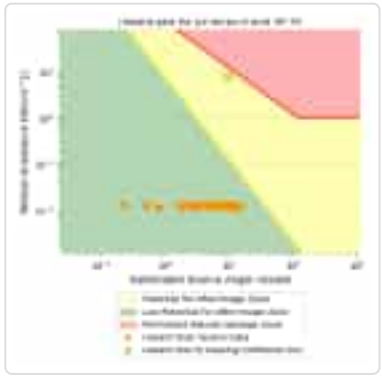
PV array 8: OP 44

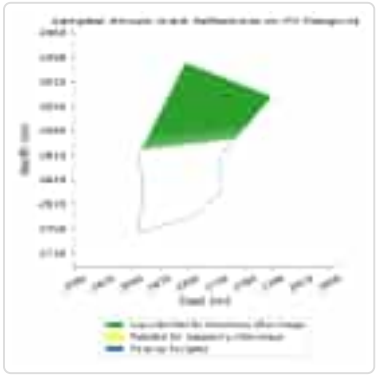
PV array is expected to produce the following glare for this receptor:

- 52 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





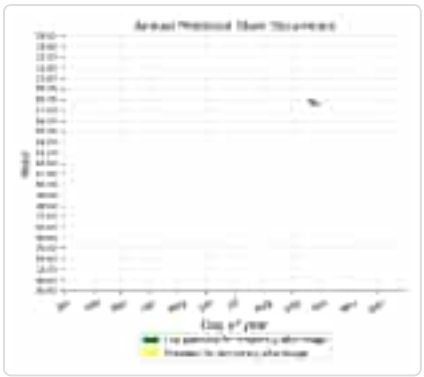


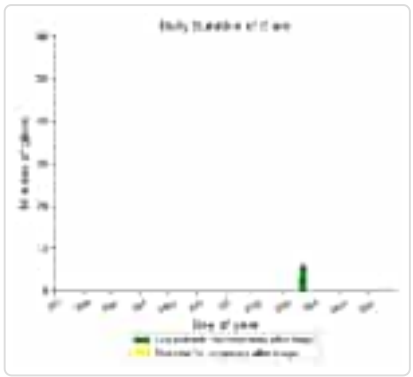


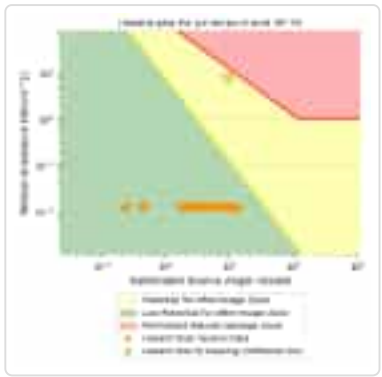
PV array 8: OP 45

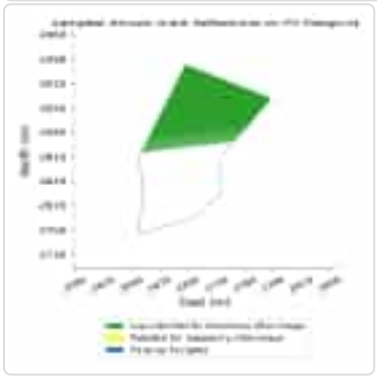
PV array is expected to produce the following glare for this receptor:

- 46 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 8: OP 46

No glare found

PV array 8: OP 47

No glare found

PV array 8: OP 48

No glare found

PV array 8: OP 49

No glare found

PV array 8: OP 50

No glare found

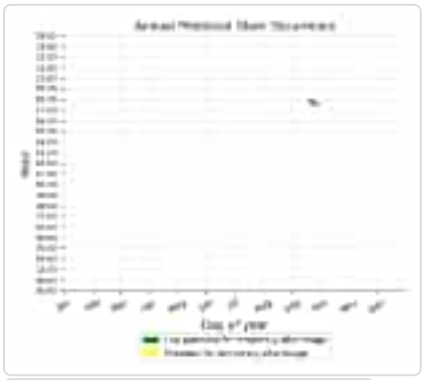
PV array 8: OP 51

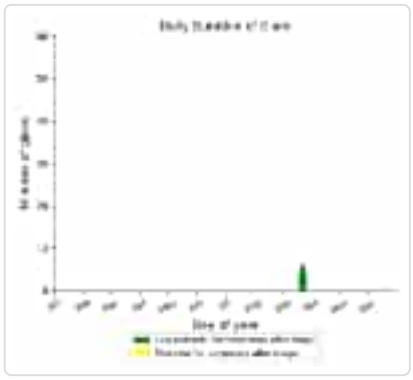
No glare found

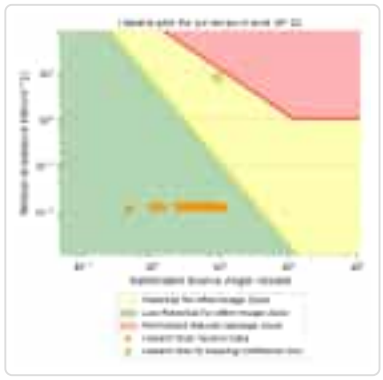
PV array 8: OP 52

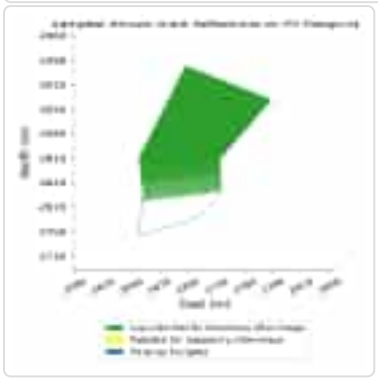
PV array is expected to produce the following glare for this receptor:

- 43 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





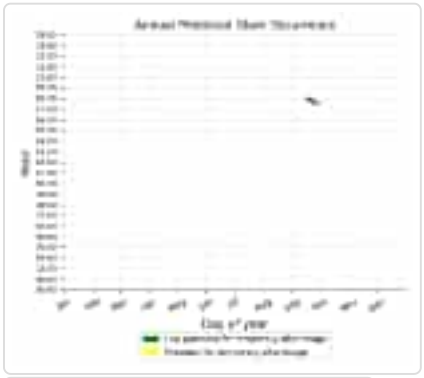


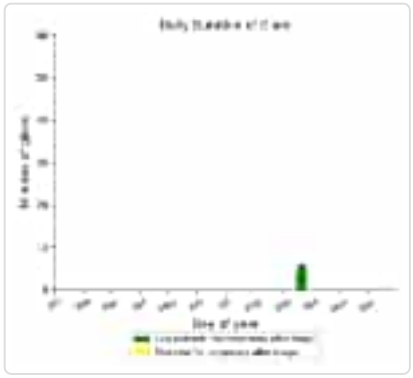


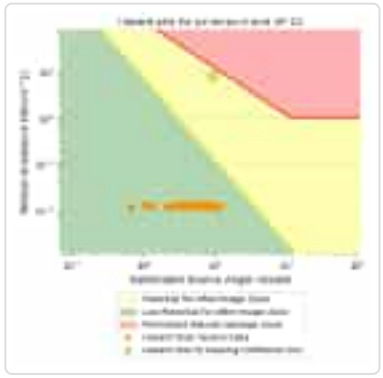
PV array 8: OP 53

PV array is expected to produce the following glare for this receptor:

- 62 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 8: OP 54

No glare found

PV array 8: OP 55

No glare found

PV array 8: OP 56

No glare found

PV array 8: OP 57

No glare found

PV array 8: OP 58

No glare found

PV array 8: OP 59

No glare found

PV array 8: OP 60

No glare found

PV array 8: OP 61

No glare found

PV array 8: OP 62

No glare found

PV array 8: OP 63

No glare found

PV array 8: OP 64

No glare found

PV array 8: OP 65

No glare found

PV array 8: OP 66

No glare found

PV array 8: OP 67

No glare found

PV array 8: OP 68

No glare found

PV array 8: OP 69

No glare found

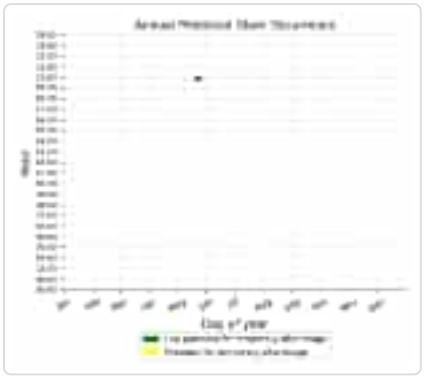
PV array 8: OP 70

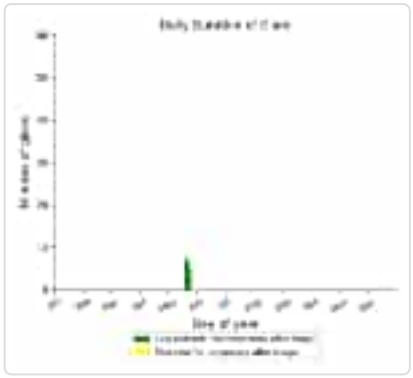
No glare found

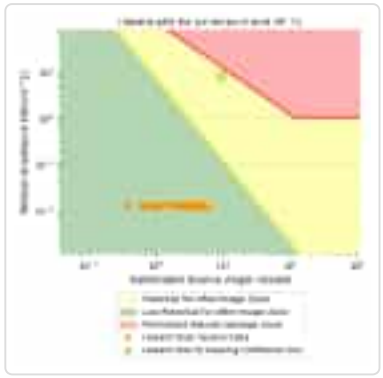
PV array 8: OP 71

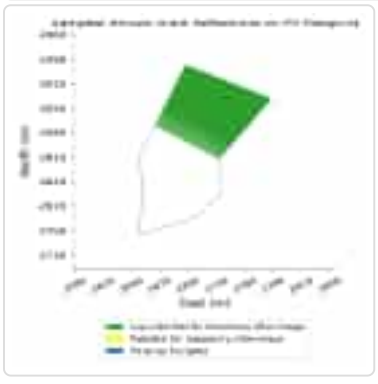
PV array is expected to produce the following glare for this receptor:

- 40 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 8: OP 72

No glare found

PV array 8: OP 73

No glare found

PV array 8: OP 74

No glare found

PV array 8: OP 75

No glare found

PV array 8: OP 76

No glare found

PV array 8: OP 77

No glare found

PV array 8: OP 78

No glare found

PV array 8: OP 79

No glare found

PV array 8: OP 80

No glare found

PV array 9 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0

OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	35	0
OP: OP 42	27	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	24	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	22	0
OP: OP 53	31	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	137	0
OP: OP 57	145	0
OP: OP 58	87	0
OP: OP 59	29	0
OP: OP 60	95	0
OP: OP 61	103	0
OP: OP 62	25	0
OP: OP 63	346	0
OP: OP 64	348	0
OP: OP 65	357	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	28	0
OP: OP 70	24	0
OP: OP 71	0	0
OP: OP 72	332	0
OP: OP 73	375	0
OP: OP 74	372	0
OP: OP 75	357	0
OP: OP 76	19	0
OP: OP 77	0	0

OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	22	0

PV array 9: OP 1

No glare found

PV array 9: OP 2

No glare found

PV array 9: OP 3

No glare found

PV array 9: OP 4

No glare found

PV array 9: OP 5

No glare found

PV array 9: OP 6

No glare found

PV array 9: OP 7

No glare found

PV array 9: OP 8

No glare found

PV array 9: OP 9

No glare found

PV array 9: OP 10

No glare found

PV array 9: OP 11

No glare found

PV array 9: OP 12

No glare found

PV array 9: OP 13

No glare found

PV array 9: OP 14

No glare found

PV array 9: OP 15

No glare found

PV array 9: OP 16

No glare found

PV array 9: OP 17

No glare found

PV array 9: OP 18

No glare found

PV array 9: OP 19

No glare found

PV array 9: OP 20

No glare found

PV array 9: OP 21

No glare found

PV array 9: OP 22

No glare found

PV array 9: OP 23

No glare found

PV array 9: OP 24

No glare found

PV array 9: OP 25

No glare found

PV array 9: OP 26

No glare found

PV array 9: OP 27

No glare found

PV array 9: OP 28

No glare found

PV array 9: OP 29

No glare found

PV array 9: OP 30

No glare found

PV array 9: OP 31

No glare found

PV array 9: OP 32

No glare found

PV array 9: OP 33

No glare found

PV array 9: OP 34

No glare found

PV array 9: OP 35

No glare found

PV array 9: OP 36

No glare found

PV array 9: OP 37

No glare found

PV array 9: OP 38

No glare found

PV array 9: OP 39

No glare found

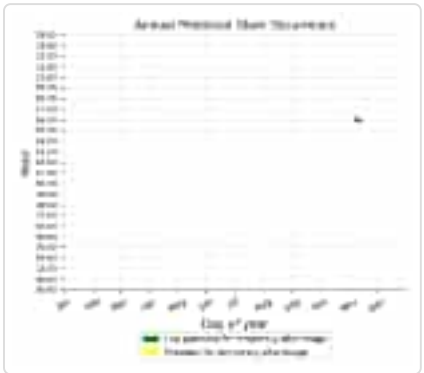
PV array 9: OP 40

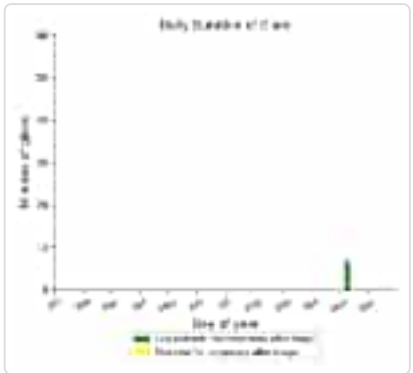
No glare found

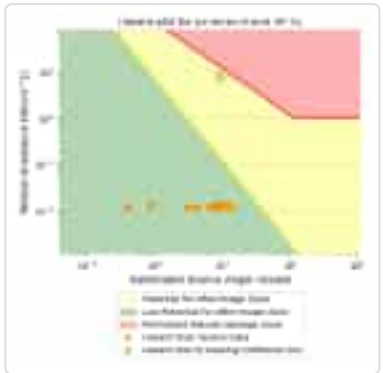
PV array 9: OP 41

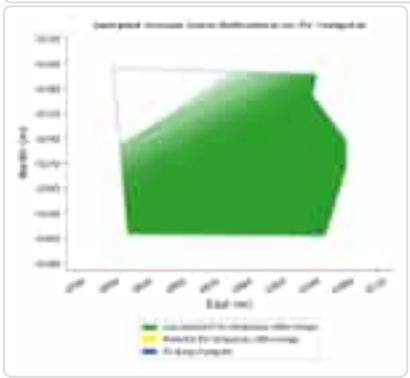
PV array is expected to produce the following glare for this receptor:

- 35 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





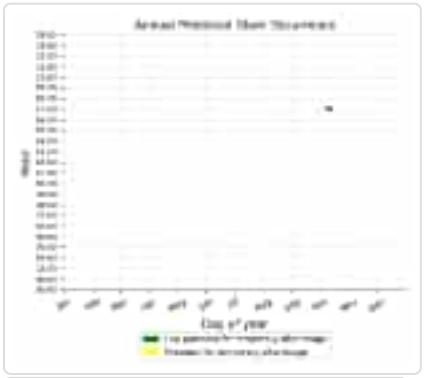


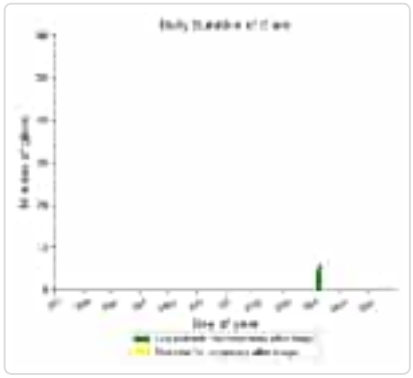


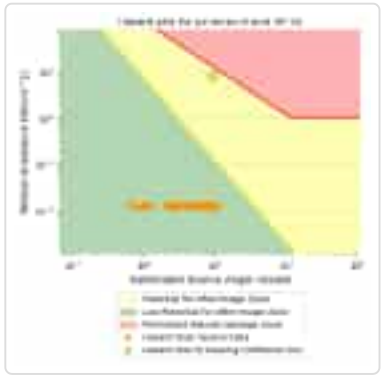
PV array 9: OP 42

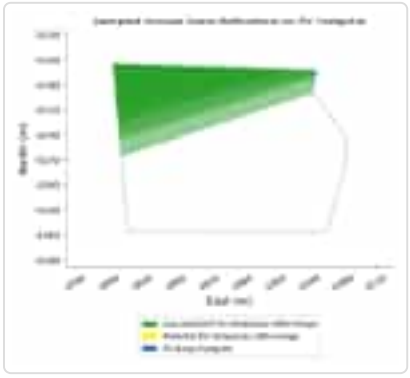
PV array is expected to produce the following glare for this receptor:

- 27 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 43

No glare found

PV array 9: OP 44

No glare found

PV array 9: OP 45

No glare found

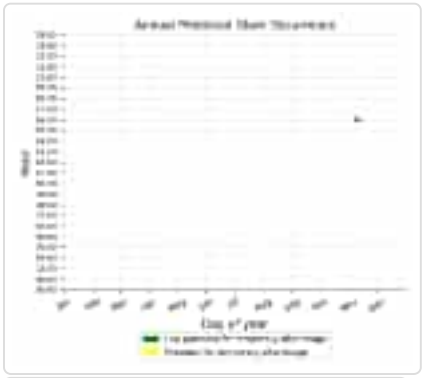
PV array 9: OP 46

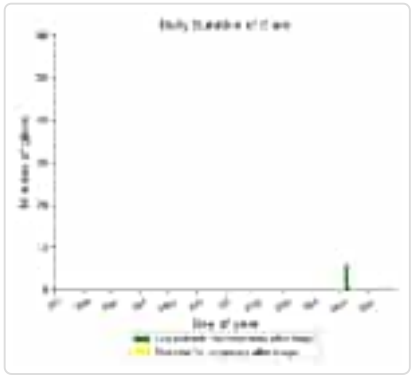
No glare found

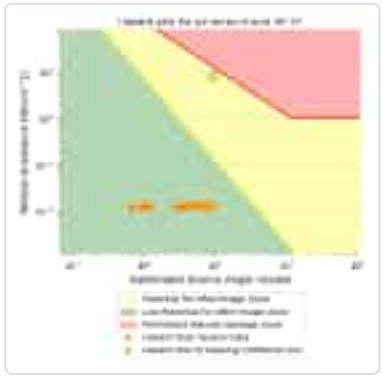
PV array 9: OP 47

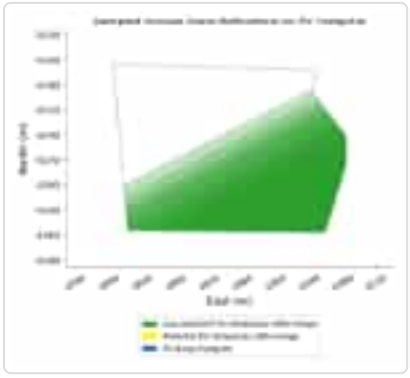
PV array is expected to produce the following glare for this receptor:

- 24 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 48

No glare found

PV array 9: OP 49

No glare found

PV array 9: OP 50

No glare found

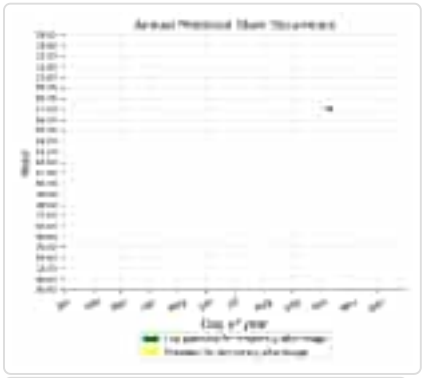
PV array 9: OP 51

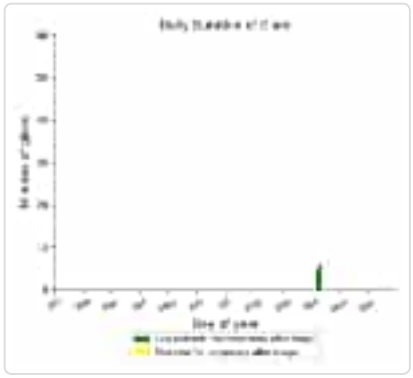
No glare found

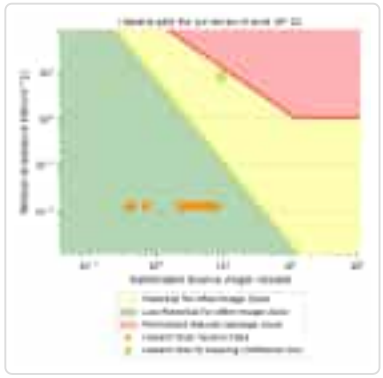
PV array 9: OP 52

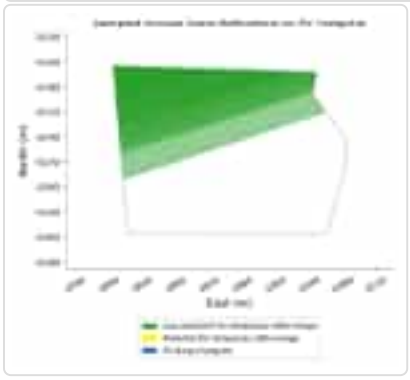
PV array is expected to produce the following glare for this receptor:

- 22 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





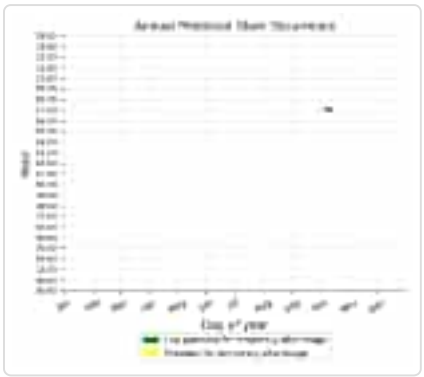


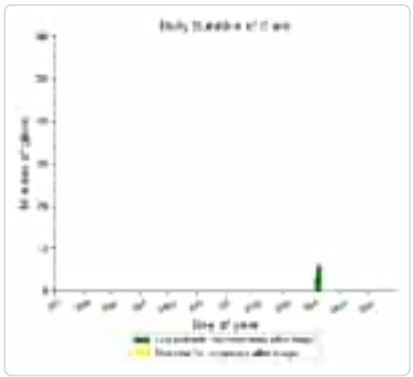


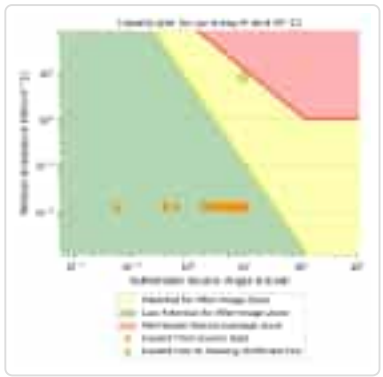
PV array 9: OP 53

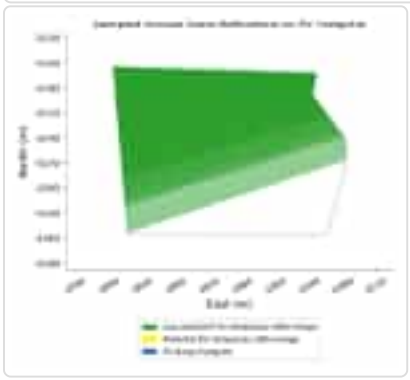
PV array is expected to produce the following glare for this receptor:

- 31 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 54

No glare found

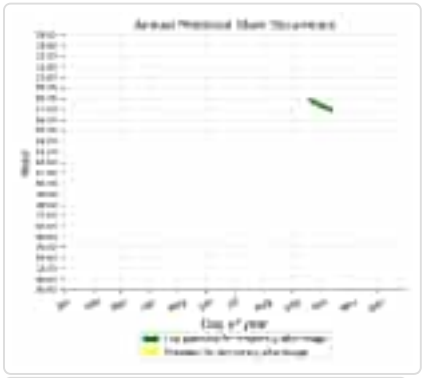
PV array 9: OP 55

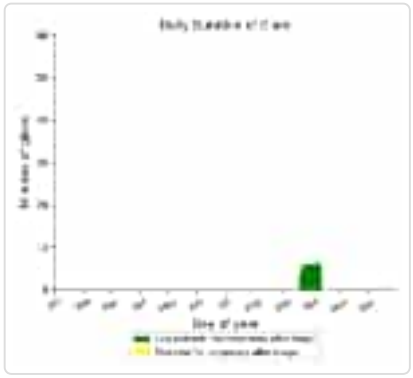
No glare found

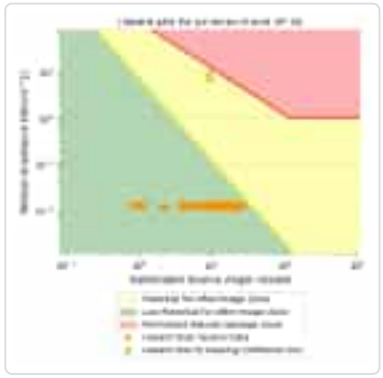
PV array 9: OP 56

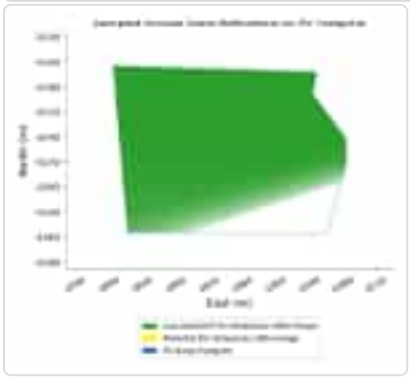
PV array is expected to produce the following glare for this receptor:

- 137 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





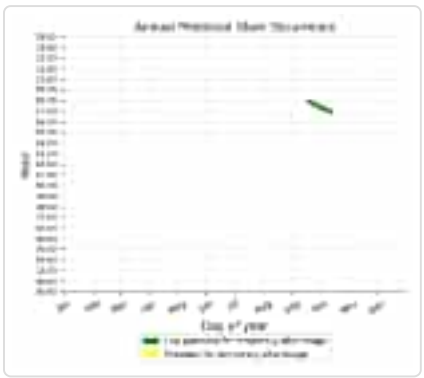


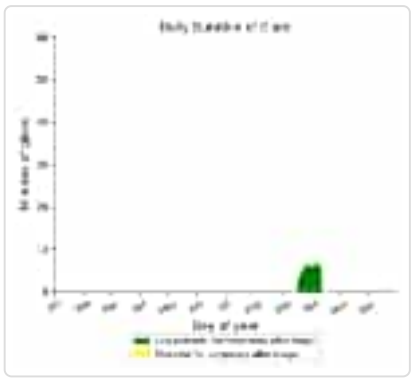


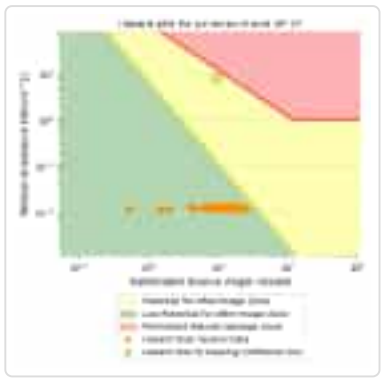
PV array 9: OP 57

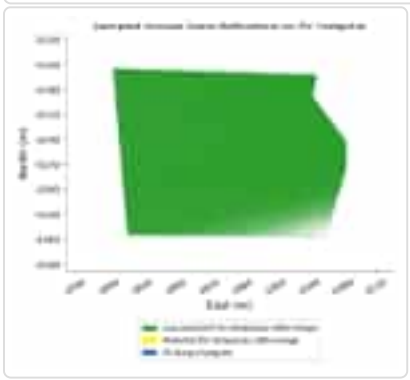
PV array is expected to produce the following glare for this receptor:

- 145 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





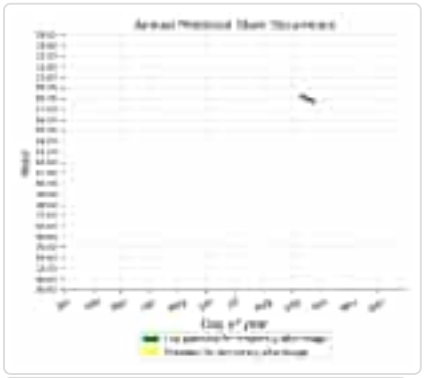


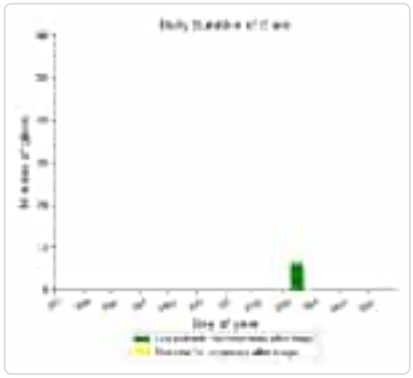


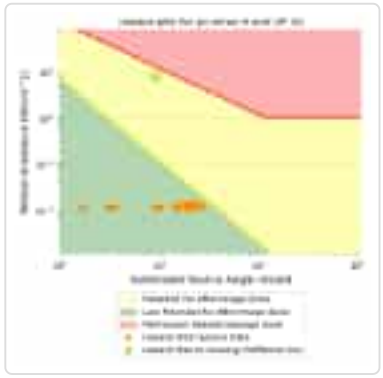
PV array 9: OP 58

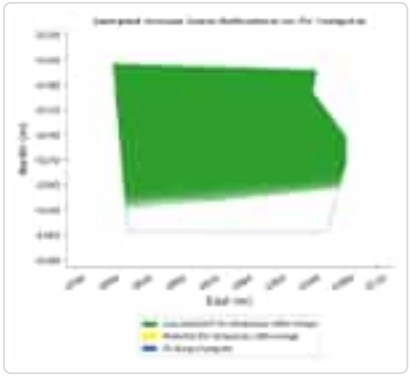
PV array is expected to produce the following glare for this receptor:

- 87 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





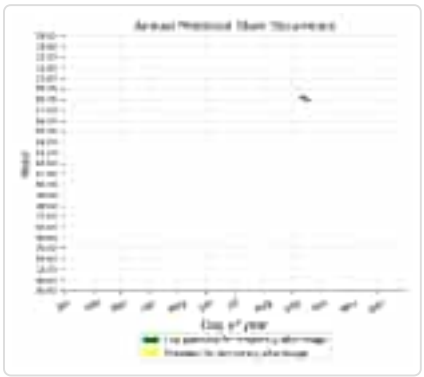


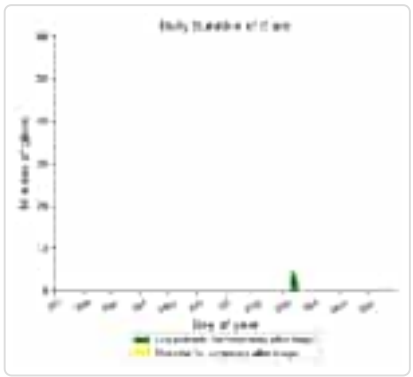


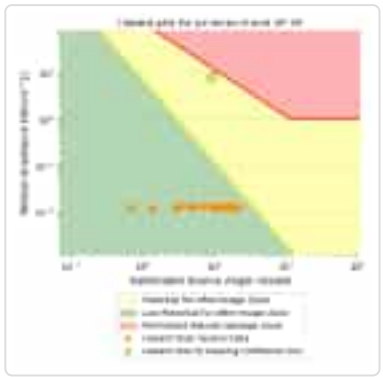
PV array 9: OP 59

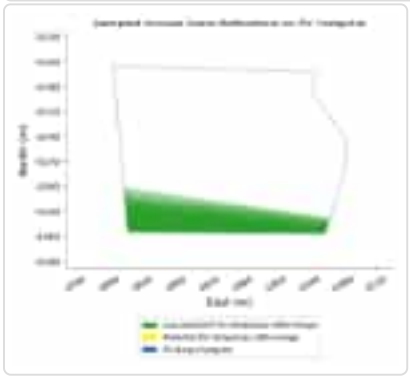
PV array is expected to produce the following glare for this receptor:

- 29 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





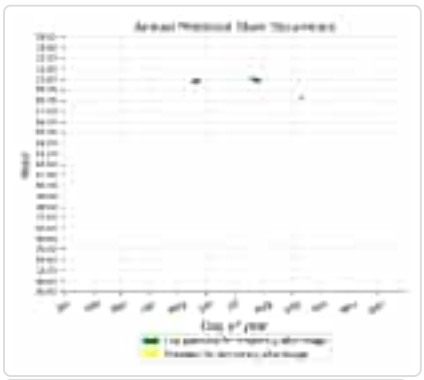


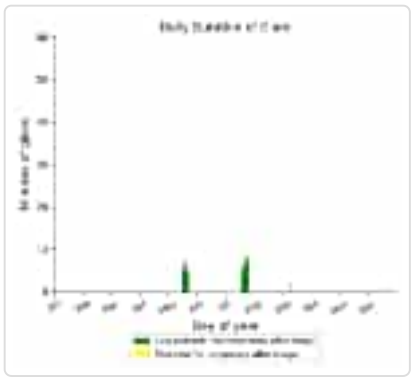


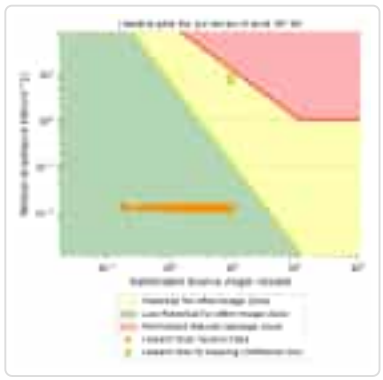
PV array 9: OP 60

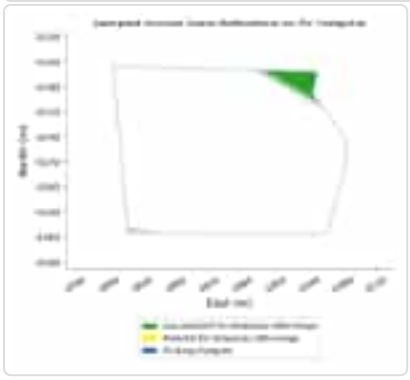
PV array is expected to produce the following glare for this receptor:

- 95 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





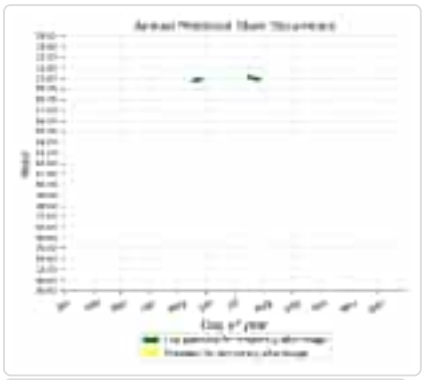


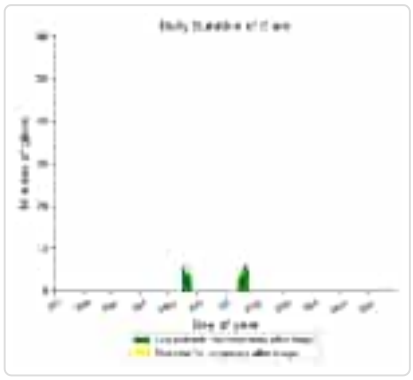


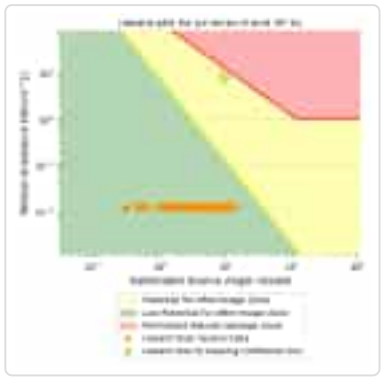
PV array 9: OP 61

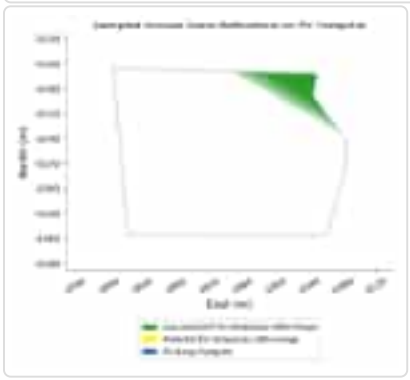
PV array is expected to produce the following glare for this receptor:

- 103 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





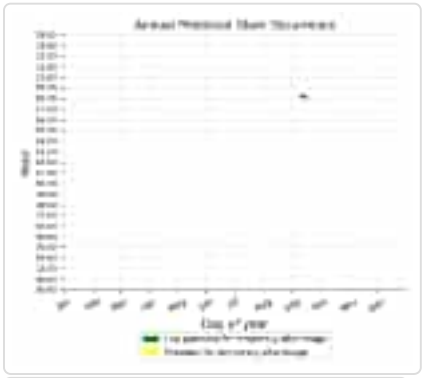


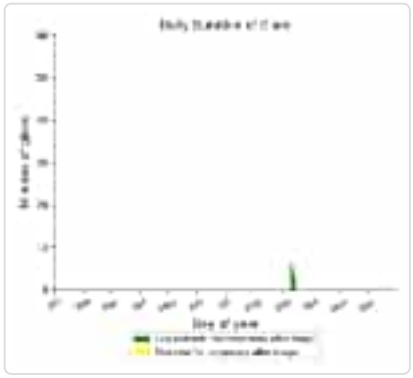


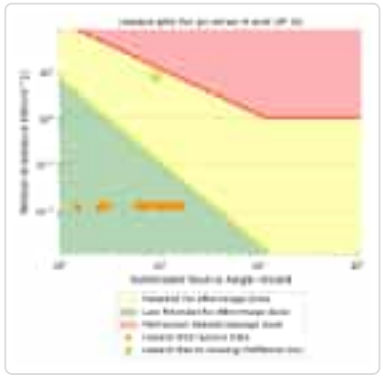
PV array 9: OP 62

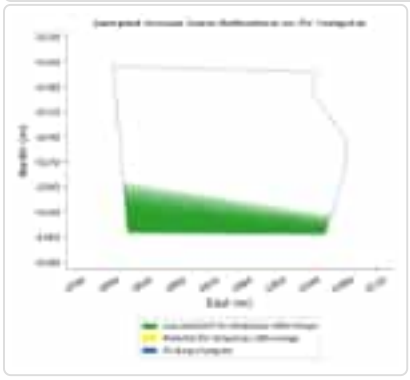
PV array is expected to produce the following glare for this receptor:

- 25 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





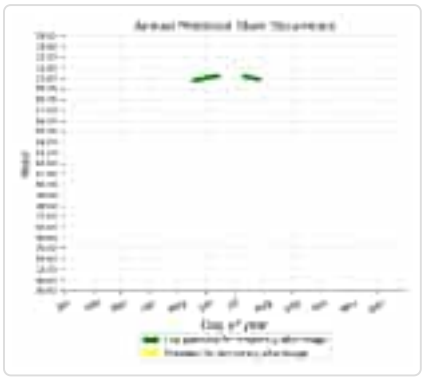


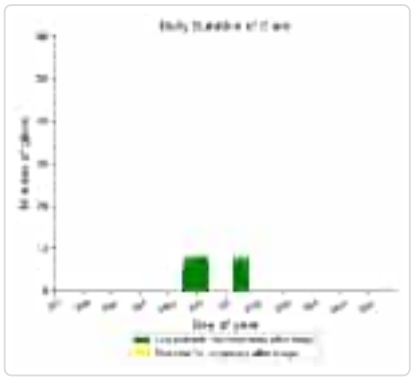


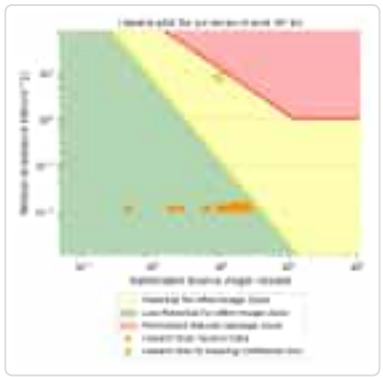
PV array 9: OP 63

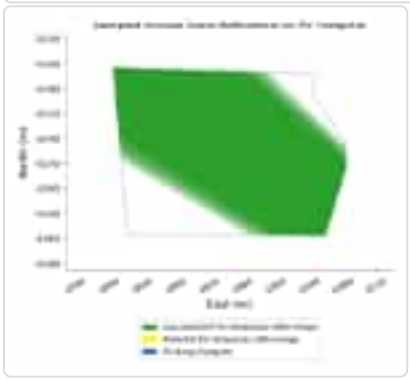
PV array is expected to produce the following glare for this receptor:

- 346 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





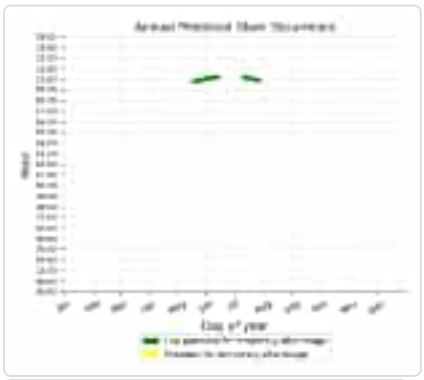


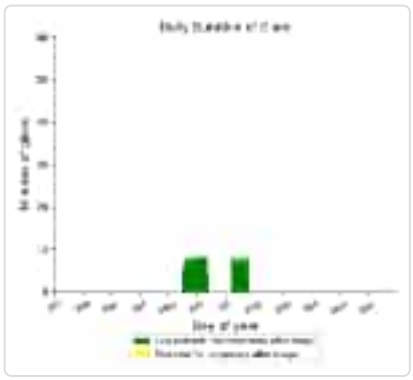


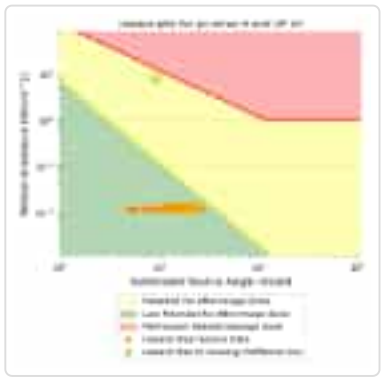
PV array 9: OP 64

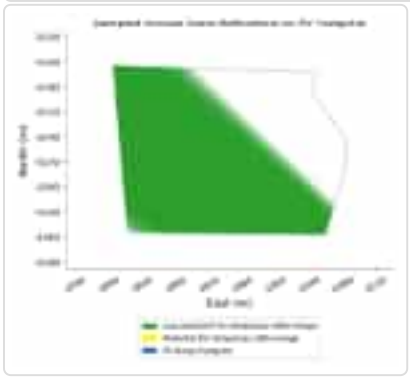
PV array is expected to produce the following glare for this receptor:

- 348 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





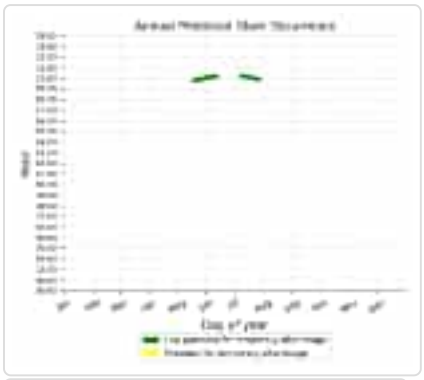


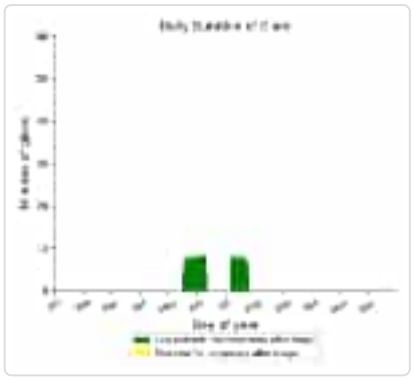


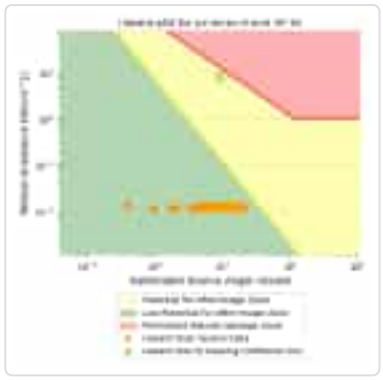
PV array 9: OP 65

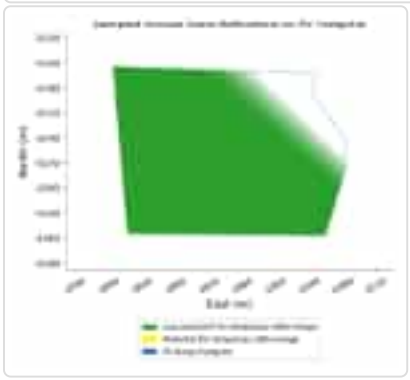
PV array is expected to produce the following glare for this receptor:

- 357 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 66

No glare found

PV array 9: OP 67

No glare found

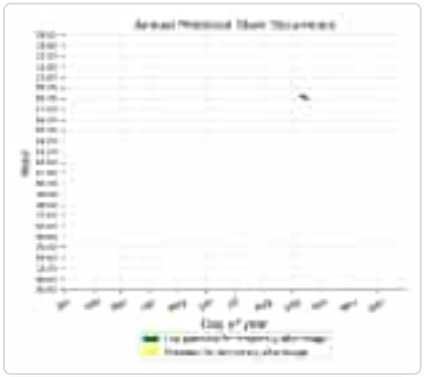
PV array 9: OP 68

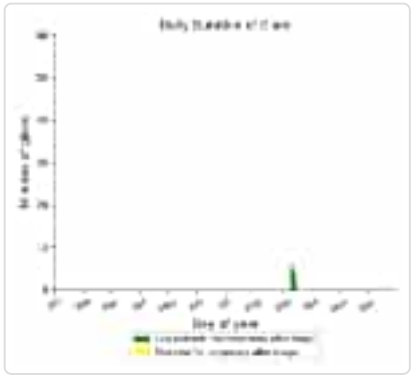
No glare found

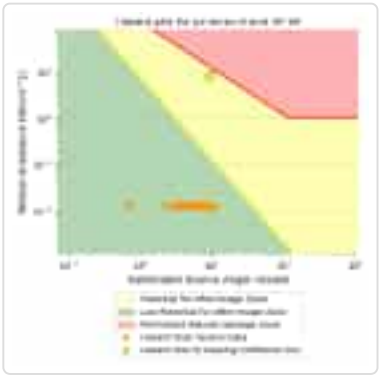
PV array 9: OP 69

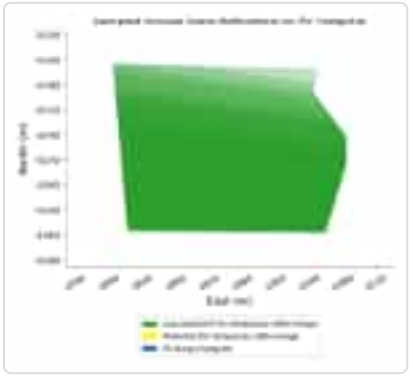
PV array is expected to produce the following glare for this receptor:

- 28 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





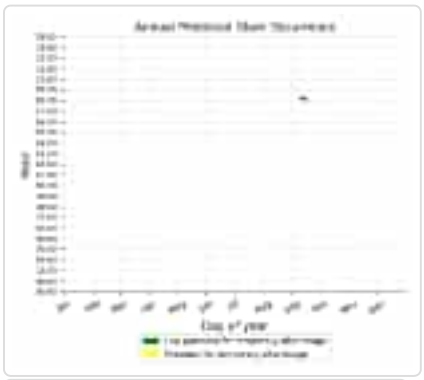


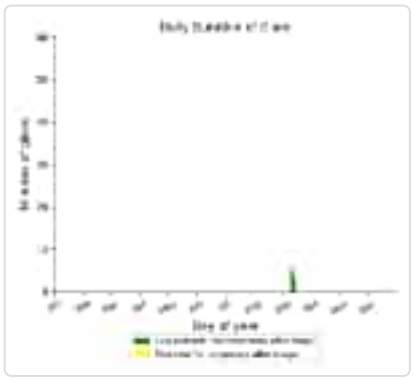


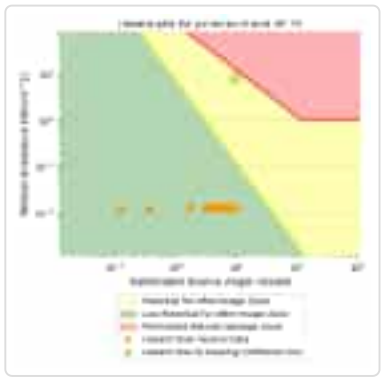
PV array 9: OP 70

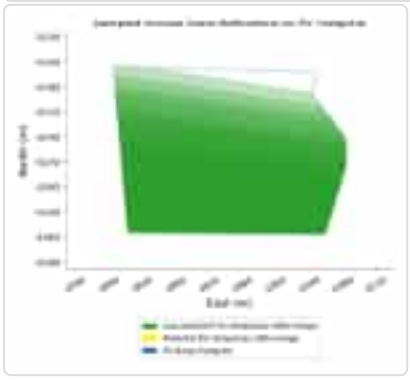
PV array is expected to produce the following glare for this receptor:

- 24 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









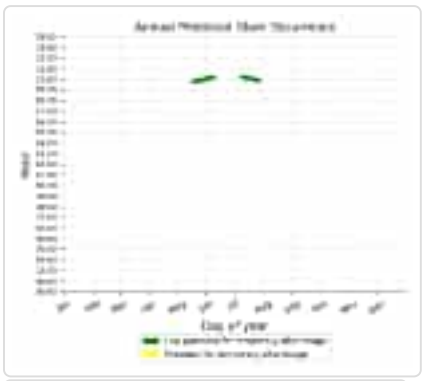
PV array 9: OP 71

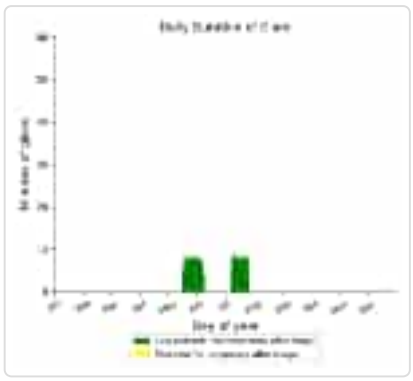
No glare found

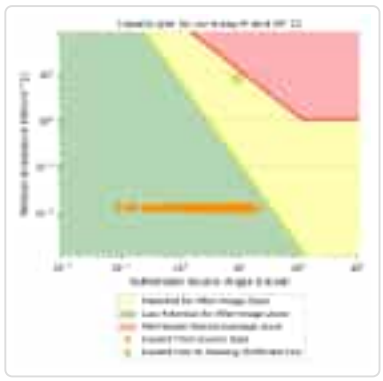
PV array 9: OP 72

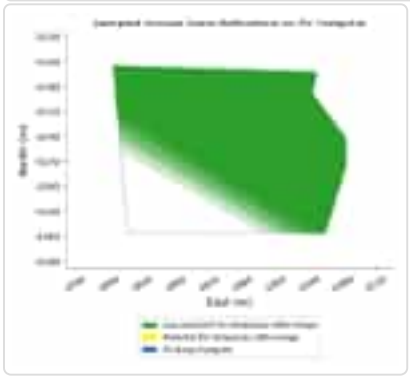
PV array is expected to produce the following glare for this receptor:

- 332 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





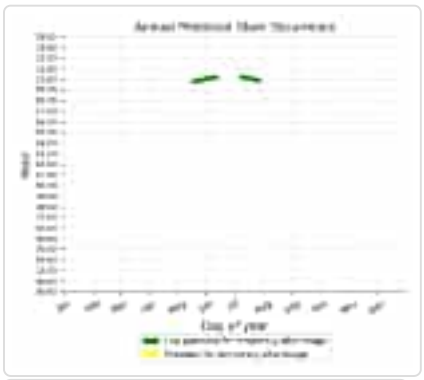


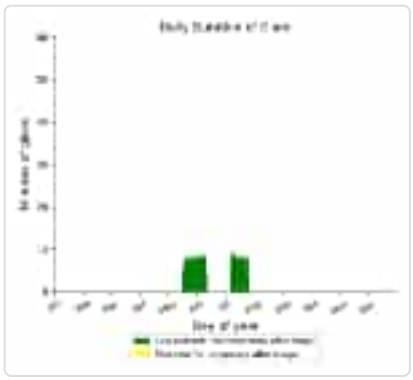


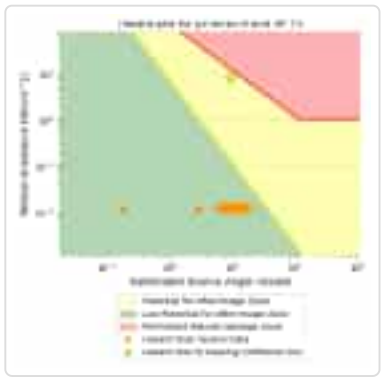
PV array 9: OP 73

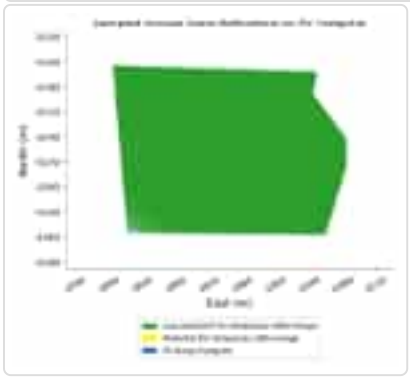
PV array is expected to produce the following glare for this receptor:

- 375 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





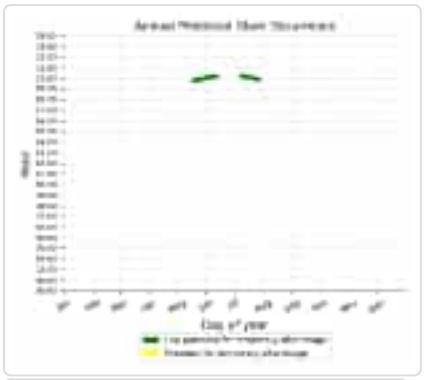


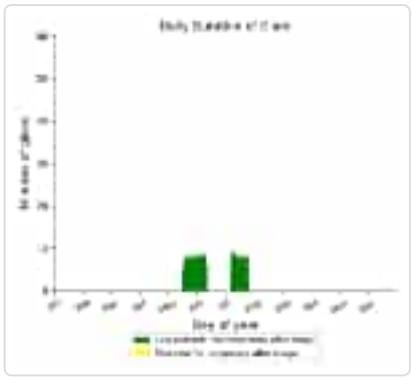


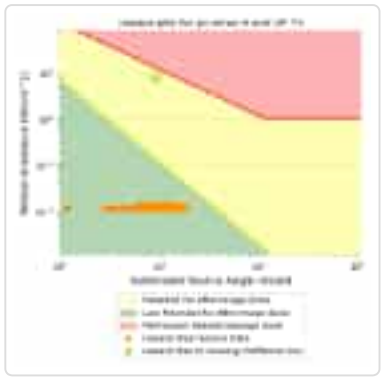
PV array 9: OP 74

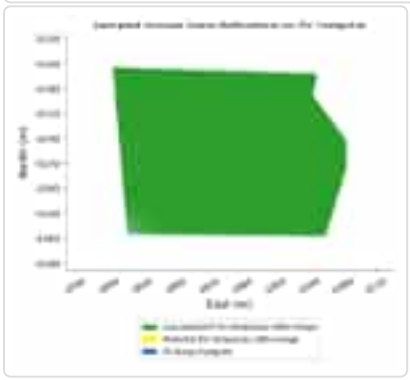
PV array is expected to produce the following glare for this receptor:

- 372 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





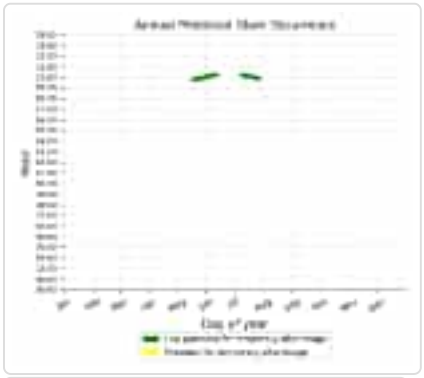


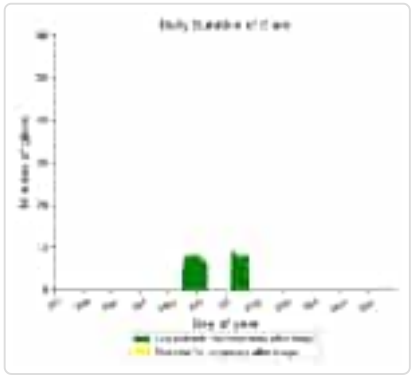


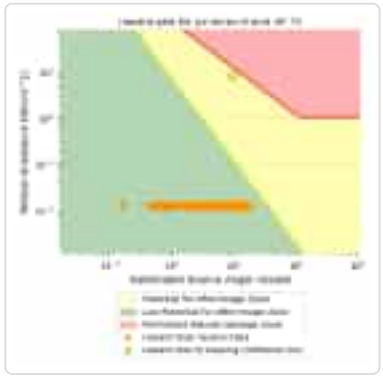
PV array 9: OP 75

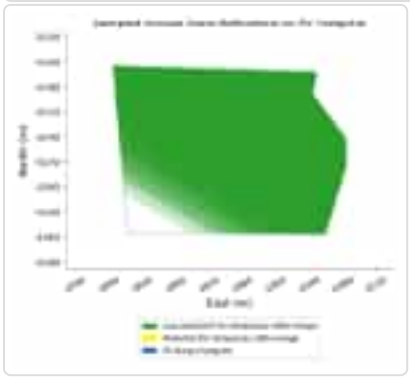
PV array is expected to produce the following glare for this receptor:

- 357 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





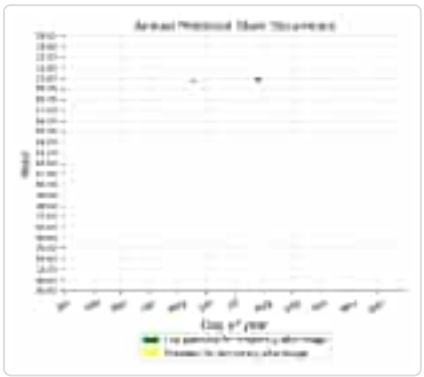


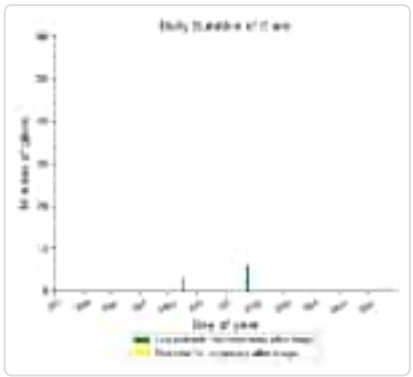


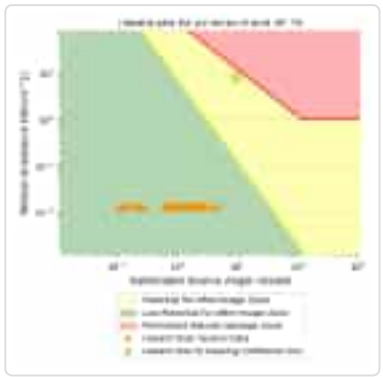
PV array 9: OP 76

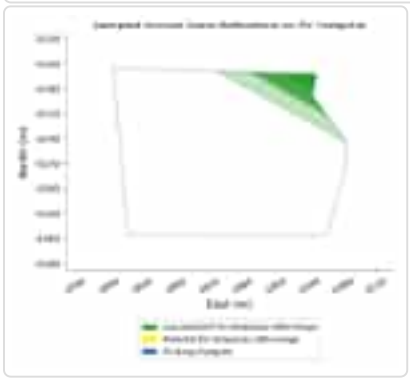
PV array is expected to produce the following glare for this receptor:

- 19 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 77

No glare found

PV array 9: OP 78

No glare found

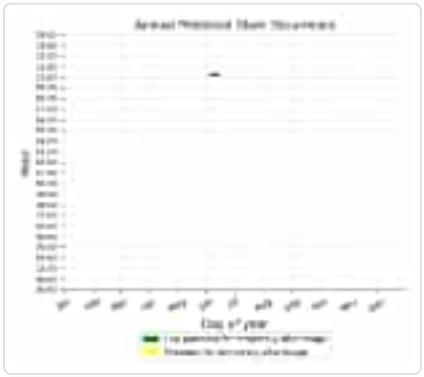
PV array 9: OP 79

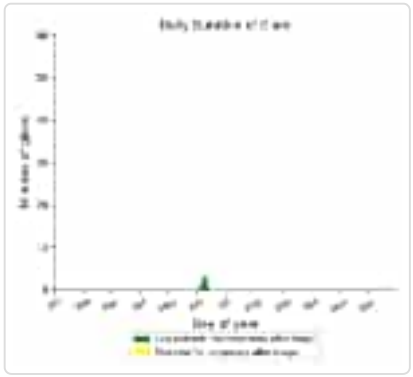
No glare found

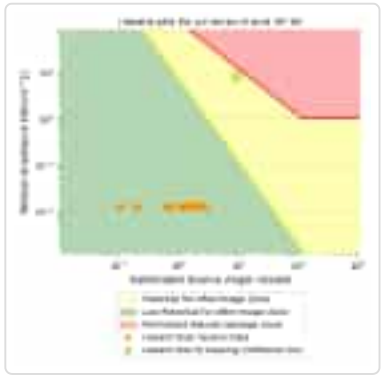
PV array 9: OP 80

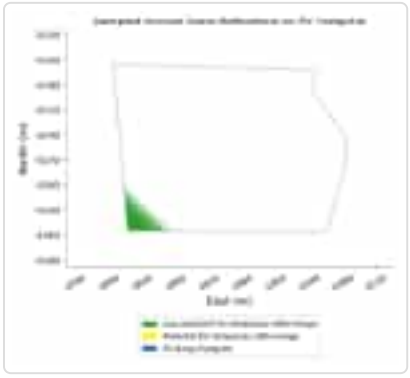
PV array is expected to produce the following glare for this receptor:

- 22 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Fosse Green Solar Farm

Fosse Green SF Res Group C Tracker

Created Jan 12, 2024
Updated Sep 03, 2024
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 109559.18719

Project type Advanced
Project status: active
Category 10 MW to 100 MW

Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
PV array 1	SA tracking	SA tracking	144	0	-
PV array 10	SA tracking	SA tracking	0	0	-
PV array 11	SA tracking	SA tracking	1,398	0	-
PV array 12	SA tracking	SA tracking	72	0	-
PV array 13	SA tracking	SA tracking	11,663	772	-
PV array 14	SA tracking	SA tracking	89	0	-
PV array 15	SA tracking	SA tracking	7,842	7	-
PV array 2	SA tracking	SA tracking	0	0	-
PV array 3	SA tracking	SA tracking	156	0	-
PV array 4	SA tracking	SA tracking	0	0	-
PV array 5	SA tracking	SA tracking	0	0	-
PV array 6	SA tracking	SA tracking	0	0	-
PV array 7	SA tracking	SA tracking	1,038	0	-
PV array 8	SA tracking	SA tracking	56	0	-
PV array 9	SA tracking	SA tracking	4,010	0	-

Component Data

PV Array(s)

Total PV footprint area: 5,183,401 m^2

Name: PV array 1
Footprint area: 534,233 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.173327	-0.683693	15.22	3.50	18.72
2	53.171796	-0.684143	15.03	3.50	18.53
3	53.171552	-0.683478	15.19	3.50	18.69
4	53.171127	-0.682985	15.98	3.50	19.48
5	53.169712	-0.681805	15.00	3.50	18.50
6	53.168092	-0.681418	16.50	3.50	20.00
7	53.167989	-0.682362	16.00	3.50	19.50
8	53.167616	-0.682427	15.86	3.50	19.36
9	53.166844	-0.682749	16.00	3.50	19.50
10	53.166574	-0.682985	16.00	3.50	19.50
11	53.166123	-0.682920	16.00	3.50	19.50
12	53.166394	-0.680345	17.00	3.50	20.50
13	53.166741	-0.680410	16.40	3.50	19.90
14	53.166831	-0.679530	17.48	3.50	20.98
15	53.167320	-0.679659	17.17	3.50	20.67
16	53.167564	-0.677277	20.64	3.50	24.14
17	53.166522	-0.676741	20.78	3.50	24.28
18	53.164593	-0.675024	20.02	3.50	23.52
19	53.163010	-0.673672	18.14	3.50	21.64
20	53.162869	-0.672857	19.04	3.50	22.54
21	53.163088	-0.672084	19.80	3.50	23.30
22	53.163679	-0.671333	23.18	3.50	26.68
23	53.165403	-0.672857	27.63	3.50	31.13
24	53.165648	-0.671870	30.61	3.50	34.11
25	53.166458	-0.671269	32.00	3.50	35.50
26	53.166857	-0.671569	31.99	3.50	35.49
27	53.167847	-0.667406	24.66	3.50	28.16
28	53.169468	-0.666720	25.10	3.50	28.60
29	53.169031	-0.668608	27.89	3.50	31.39
30	53.169198	-0.670067	30.98	3.50	34.48
31	53.169982	-0.673629	26.94	3.50	30.44
32	53.170246	-0.673758	26.58	3.50	30.08
33	53.171294	-0.673125	28.40	3.50	31.90
34	53.171745	-0.672299	30.82	3.50	34.32
35	53.172105	-0.674048	26.50	3.50	30.00
36	53.171674	-0.675957	22.65	3.50	26.15
37	53.171507	-0.677599	22.08	3.50	25.58
38	53.171629	-0.678414	22.99	3.50	26.49
39	53.171918	-0.678833	24.21	3.50	27.71
40	53.171809	-0.679283	22.62	3.50	26.12
41	53.171449	-0.679391	20.48	3.50	23.98
42	53.170838	-0.677985	18.51	3.50	22.01
43	53.170593	-0.678028	17.96	3.50	21.46
44	53.170606	-0.678200	17.83	3.50	21.33
45	53.171372	-0.679906	19.18	3.50	22.68
46	53.171249	-0.681719	17.42	3.50	20.92
47	53.171378	-0.681955	17.27	3.50	20.77
48	53.171333	-0.682395	16.56	3.50	20.06
49	53.171597	-0.682502	16.79	3.50	20.29
50	53.173384	-0.681622	18.75	3.50	22.25

Name: PV array 10
Footprint area: 185,320 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.150798	-0.633966	8.64	3.50	12.14
2	53.150219	-0.635436	8.34	3.50	11.84
3	53.150026	-0.636744	8.28	3.50	11.78
4	53.148983	-0.636744	9.89	3.50	13.39
5	53.148803	-0.636862	10.13	3.50	13.63
6	53.148829	-0.637045	9.76	3.50	13.26
7	53.147420	-0.637957	10.19	3.50	13.69
8	53.146461	-0.637796	10.65	3.50	14.15
9	53.146126	-0.637302	11.44	3.50	14.94
10	53.145875	-0.635146	9.74	3.50	13.24
11	53.145566	-0.635264	9.14	3.50	12.64
12	53.145451	-0.635843	9.42	3.50	12.92
13	53.145142	-0.635951	9.94	3.50	13.44
14	53.144987	-0.634910	11.54	3.50	15.04
15	53.144637	-0.634278	12.00	3.50	15.50
16	53.143968	-0.633344	12.41	3.50	15.91
17	53.144200	-0.633280	11.84	3.50	15.34
18	53.144953	-0.632754	9.97	3.50	13.47
19	53.145828	-0.631949	10.31	3.50	13.81
20	53.146497	-0.631509	11.15	3.50	14.65
21	53.147668	-0.633848	12.51	3.50	16.01
22	53.148395	-0.633344	12.81	3.50	16.31
23	53.148254	-0.632947	13.08	3.50	16.58
24	53.148910	-0.632035	13.05	3.50	16.55
25	53.149148	-0.632604	13.03	3.50	16.53
26	53.149631	-0.631853	12.49	3.50	15.99

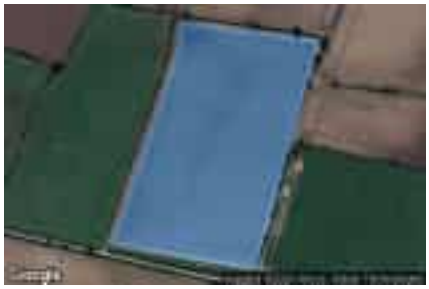
Name: PV array 11
Footprint area: 717,731 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.148506	-0.631749	13.14	3.50	16.64
2	53.147850	-0.632704	12.97	3.50	16.47
3	53.147683	-0.632715	12.37	3.50	15.87
4	53.146640	-0.630945	11.20	3.50	14.70
5	53.146396	-0.630848	12.22	3.50	15.72
6	53.145637	-0.631266	12.28	3.50	15.78
7	53.144343	-0.632565	11.04	3.50	14.54
8	53.142046	-0.627951	13.11	3.50	16.61
9	53.141524	-0.626084	12.34	3.50	15.84
10	53.138596	-0.627329	13.83	3.50	17.33
11	53.138454	-0.627232	13.48	3.50	16.98
12	53.137051	-0.628370	12.96	3.50	16.46
13	53.137154	-0.629056	13.21	3.50	16.71
14	53.135919	-0.628649	14.19	3.50	17.69
15	53.135771	-0.627640	12.78	3.50	16.28
16	53.134593	-0.628456	13.03	3.50	16.53
17	53.134464	-0.624700	12.77	3.50	16.27
18	53.134618	-0.624700	12.76	3.50	16.26
19	53.134631	-0.624990	12.76	3.50	16.26
20	53.135655	-0.624947	12.58	3.50	16.08
21	53.135758	-0.626331	11.86	3.50	15.36
22	53.136112	-0.626567	11.92	3.50	15.42
23	53.136549	-0.625162	10.74	3.50	14.24
24	53.136717	-0.625055	10.13	3.50	13.63
25	53.136652	-0.624636	10.38	3.50	13.88
26	53.137450	-0.624089	10.03	3.50	13.53
27	53.135830	-0.616790	7.11	3.50	10.61
28	53.136200	-0.615960	6.99	3.50	10.49
29	53.137240	-0.614930	7.15	3.50	10.65
30	53.137620	-0.615710	7.24	3.50	10.74
31	53.137860	-0.615550	7.38	3.50	10.88
32	53.137990	-0.614790	7.14	3.50	10.64
33	53.139105	-0.617426	7.93	3.50	11.43
34	53.139800	-0.619754	11.05	3.50	14.55
35	53.141717	-0.618682	9.38	3.50	12.88
36	53.142129	-0.620227	11.21	3.50	14.71
37	53.142007	-0.620323	10.80	3.50	14.30
38	53.142541	-0.622211	11.19	3.50	14.69
39	53.144034	-0.620784	11.76	3.50	15.26
40	53.144607	-0.623563	11.92	3.50	15.42
41	53.145591	-0.624582	12.63	3.50	16.13
42	53.145044	-0.625248	12.90	3.50	16.40
43	53.145077	-0.625666	12.28	3.50	15.78
44	53.146634	-0.628348	11.72	3.50	15.22
45	53.146808	-0.628220	12.16	3.50	15.66
46	53.148268	-0.630762	12.11	3.50	15.61
47	53.148101	-0.631030	11.92	3.50	15.42

Name: PV array 12
Footprint area: 73,115 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.136228	-0.613414	8.07	3.50	11.57
2	53.135854	-0.613478	8.46	3.50	11.96
3	53.133222	-0.614980	9.82	3.50	13.32
4	53.132887	-0.611772	10.64	3.50	14.14
5	53.135977	-0.610335	9.13	3.50	12.63

Name: PV array 13
Footprint area: 737,059 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.135585	-0.658160	11.48	3.50	14.98
2	53.136461	-0.665906	14.75	3.50	18.25
3	53.130642	-0.667945	14.56	3.50	18.06
4	53.130333	-0.666357	13.81	3.50	17.31
5	53.128440	-0.666872	14.86	3.50	18.36
6	53.128582	-0.668717	14.77	3.50	18.27
7	53.128273	-0.668782	14.57	3.50	18.07
8	53.128131	-0.667301	14.49	3.50	17.99
9	53.125730	-0.667666	13.07	3.50	16.57
10	53.125710	-0.667945	12.94	3.50	16.44
11	53.124455	-0.667505	13.19	3.50	16.69
12	53.124558	-0.666711	12.70	3.50	16.20
13	53.123380	-0.665788	11.31	3.50	14.81
14	53.123457	-0.665370	11.00	3.50	14.50
15	53.123122	-0.665220	12.04	3.50	15.54
16	53.123476	-0.663514	13.15	3.50	16.65
17	53.124365	-0.661776	13.29	3.50	16.79
18	53.124571	-0.660832	13.96	3.50	17.46
19	53.125067	-0.660220	13.10	3.50	16.60
20	53.126410	-0.656650	11.66	3.50	15.16
21	53.126650	-0.656260	11.38	3.50	14.88
22	53.126960	-0.656270	11.65	3.50	15.15
23	53.127180	-0.656070	12.25	3.50	15.75
24	53.127600	-0.659050	12.08	3.50	15.58
25	53.128790	-0.658920	13.52	3.50	17.02
26	53.129280	-0.661440	14.94	3.50	18.44
27	53.131090	-0.659840	14.90	3.50	18.40
28	53.131520	-0.659500	14.40	3.50	17.90
29	53.132320	-0.658860	12.70	3.50	16.20
30	53.133327	-0.657930	12.71	3.50	16.21
31	53.133345	-0.658664	11.01	3.50	14.51

Name: PV array 14
Footprint area: 209,876 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132660	-0.653180	10.42	3.50	13.92
2	53.132070	-0.653360	10.23	3.50	13.73
3	53.131511	-0.653075	11.28	3.50	14.78
4	53.130770	-0.652409	10.38	3.50	13.88
5	53.130352	-0.650049	9.94	3.50	13.44
6	53.130095	-0.649556	9.85	3.50	13.35
7	53.130275	-0.649255	10.71	3.50	14.21
8	53.132390	-0.648020	11.38	3.50	14.88
9	53.133030	-0.650850	12.02	0.00	12.02
9	53.133030	-0.650850	12.02	0.00	12.02
9	53.133030	-0.650850	12.02	0.00	12.02
9	53.133030	-0.650850	12.02	0.00	12.02
9	53.133030	-0.650850	12.02	0.00	12.02
9	53.133030	-0.650850	12.02	0.00	12.02
9	53.133030	-0.650850	12.02	0.00	12.02
9	53.133030	-0.650850	12.02	0.00	12.02
9	53.133030	-0.650850	12.02	0.00	12.02
9	53.133030	-0.650850	12.02	0.00	12.02
10	53.136270	-0.648960	10.09	0.00	10.09
10	53.136270	-0.648960	10.09	0.00	10.09
10	53.136270	-0.648960	10.09	0.00	10.09
10	53.136270	-0.648960	10.09	0.00	10.09
10	53.136270	-0.648960	10.09	0.00	10.09
10	53.136270	-0.648960	10.09	0.00	10.09
10	53.136270	-0.648960	10.09	0.00	10.09
10	53.136270	-0.648960	10.09	0.00	10.09
10	53.136270	-0.648960	10.09	0.00	10.09
10	53.136270	-0.648960	10.09	0.00	10.09
11	53.136080	-0.645870	9.77	0.00	9.77
11	53.136080	-0.645870	9.77	0.00	9.77
11	53.136080	-0.645870	9.77	0.00	9.77
11	53.136080	-0.645870	9.77	0.00	9.77
11	53.136080	-0.645870	9.77	0.00	9.77
11	53.136080	-0.645870	9.77	0.00	9.77
11	53.136080	-0.645870	9.77	0.00	9.77
11	53.136080	-0.645870	9.77	0.00	9.77
11	53.136080	-0.645870	9.77	0.00	9.77
11	53.136080	-0.645870	9.77	0.00	9.77
12	53.137430	-0.645210	9.73	0.00	9.73
12	53.137430	-0.645210	9.73	0.00	9.73
12	53.137430	-0.645210	9.73	0.00	9.73
12	53.137430	-0.645210	9.73	0.00	9.73
12	53.137430	-0.645210	9.73	0.00	9.73
12	53.137430	-0.645210	9.73	0.00	9.73
12	53.137430	-0.645210	9.73	0.00	9.73
12	53.137430	-0.645210	9.73	0.00	9.73
12	53.137430	-0.645210	9.73	0.00	9.73
12	53.137430	-0.645210	9.73	0.00	9.73
13	53.137750	-0.648600	9.23	0.00	9.23
13	53.137750	-0.648600	9.23	0.00	9.23
13	53.137750	-0.648600	9.23	0.00	9.23
13	53.137750	-0.648600	9.23	0.00	9.23
13	53.137750	-0.648600	9.23	0.00	9.23
13	53.137750	-0.648600	9.23	0.00	9.23
13	53.137750	-0.648600	9.23	0.00	9.23
13	53.137750	-0.648600	9.23	0.00	9.23
13	53.137750	-0.648600	9.23	0.00	9.23
13	53.137750	-0.648600	9.23	0.00	9.23
14	53.137580	-0.648830	9.22	0.00	9.22
14	53.137580	-0.648830	9.22	0.00	9.22
14	53.137580	-0.648830	9.22	0.00	9.22
14	53.137580	-0.648830	9.22	0.00	9.22
14	53.137580	-0.648830	9.22	0.00	9.22
14	53.137580	-0.648830	9.22	0.00	9.22

14	53.137580	-0.648830	9.22	0.00	9.22
14	53.137580	-0.648830	9.22	0.00	9.22
14	53.137580	-0.648830	9.22	0.00	9.22
14	53.137580	-0.648830	9.22	0.00	9.22
15	53.138060	-0.652120	9.08	0.00	9.08
15	53.138060	-0.652120	9.08	0.00	9.08
15	53.138060	-0.652120	9.08	0.00	9.08
15	53.138060	-0.652120	9.08	0.00	9.08
15	53.138060	-0.652120	9.08	0.00	9.08
15	53.138060	-0.652120	9.08	0.00	9.08
15	53.138060	-0.652120	9.08	0.00	9.08
15	53.138060	-0.652120	9.08	0.00	9.08
15	53.138060	-0.652120	9.08	0.00	9.08
15	53.138060	-0.652120	9.08	0.00	9.08
16	53.137820	-0.652230	9.58	0.00	9.58
16	53.137820	-0.652230	9.58	0.00	9.58
16	53.137820	-0.652230	9.58	0.00	9.58
16	53.137820	-0.652230	9.58	0.00	9.58
16	53.137820	-0.652230	9.58	0.00	9.58
16	53.137820	-0.652230	9.58	0.00	9.58
16	53.137820	-0.652230	9.58	0.00	9.58
16	53.137820	-0.652230	9.58	0.00	9.58
16	53.137820	-0.652230	9.58	0.00	9.58
16	53.137820	-0.652230	9.58	0.00	9.58
17	53.137750	-0.652040	9.56	0.00	9.56
17	53.137750	-0.652040	9.56	0.00	9.56
17	53.137750	-0.652040	9.56	0.00	9.56
17	53.137750	-0.652040	9.56	0.00	9.56
17	53.137750	-0.652040	9.56	0.00	9.56
17	53.137750	-0.652040	9.56	0.00	9.56
17	53.137750	-0.652040	9.56	0.00	9.56
17	53.137750	-0.652040	9.56	0.00	9.56
17	53.137750	-0.652040	9.56	0.00	9.56
17	53.137750	-0.652040	9.56	0.00	9.56
18	53.135890	-0.651840	9.88	0.00	9.88
18	53.135890	-0.651840	9.88	0.00	9.88
18	53.135890	-0.651840	9.88	0.00	9.88
18	53.135890	-0.651840	9.88	0.00	9.88
18	53.135890	-0.651840	9.88	0.00	9.88
18	53.135890	-0.651840	9.88	0.00	9.88
18	53.135890	-0.651840	9.88	0.00	9.88
18	53.135890	-0.651840	9.88	0.00	9.88
18	53.135890	-0.651840	9.88	0.00	9.88
18	53.135890	-0.651840	9.88	0.00	9.88

Name: PV array 15
Footprint area: 78,226 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132772	-0.647378	9.94	3.50	13.44
2	53.130056	-0.648847	10.80	3.50	14.30
3	53.129882	-0.649255	9.89	3.50	13.39
4	53.129303	-0.648847	10.80	3.50	14.30
5	53.128942	-0.648858	10.87	3.50	14.37
6	53.128884	-0.648418	11.51	3.50	15.01
7	53.128311	-0.648386	11.43	3.50	14.93
8	53.128105	-0.646884	11.40	3.50	14.90
9	53.130622	-0.645758	10.83	3.50	14.33
10	53.130700	-0.646122	11.65	3.50	15.15
11	53.131298	-0.645768	10.18	3.50	13.68
12	53.132410	-0.645330	9.00	3.50	12.50

Name: PV array 2
Footprint area: 606,601 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.179699	-0.666763	17.74	3.50	21.24
2	53.179108	-0.670067	20.15	3.50	23.65
3	53.176523	-0.668029	19.69	3.50	23.19
4	53.174220	-0.666891	26.06	3.50	29.56
5	53.174465	-0.660669	17.80	3.50	21.30
6	53.172497	-0.660755	16.16	3.50	19.66
7	53.172510	-0.661355	17.14	3.50	20.64
8	53.172960	-0.661484	17.29	3.50	20.79
9	53.173230	-0.666677	24.28	3.50	27.78
10	53.172175	-0.666226	20.97	3.50	24.47
11	53.171823	-0.664919	19.69	3.50	23.19
12	53.171714	-0.664865	19.72	3.50	23.22
13	53.170968	-0.662526	18.08	3.50	21.58
14	53.170357	-0.661797	17.29	3.50	20.79
15	53.174293	-0.653523	13.69	3.50	17.19
16	53.178283	-0.655459	15.69	3.50	19.19
17	53.179363	-0.655588	13.41	3.50	16.91
18	53.178051	-0.662519	19.70	3.50	23.20
19	53.177884	-0.665737	19.63	3.50	23.13

Name: PV array 3
Footprint area: 680,123 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.162240	-0.675330	17.88	3.50	21.38
2	53.159340	-0.671810	16.96	3.50	20.46
3	53.159790	-0.670480	16.50	3.50	20.00
4	53.160860	-0.668250	17.83	3.50	21.33
5	53.160420	-0.666810	17.26	3.50	20.76
6	53.159450	-0.669110	15.52	3.50	19.02
7	53.159860	-0.669750	15.96	3.50	19.46
8	53.159140	-0.671710	16.90	3.50	20.40
9	53.158240	-0.670650	16.68	3.50	20.18
10	53.158390	-0.670070	16.02	3.50	19.52
11	53.157840	-0.668790	15.77	3.50	19.27
12	53.159770	-0.664130	19.42	3.50	22.92
13	53.159920	-0.664410	18.34	3.50	21.84
14	53.160980	-0.661830	24.58	3.50	28.08
15	53.161160	-0.662010	24.26	3.50	27.76
16	53.161290	-0.661640	25.79	3.50	29.29
17	53.161160	-0.661450	26.00	3.50	29.50
18	53.162190	-0.659350	26.37	3.50	29.87
19	53.162080	-0.658850	26.32	3.50	29.82
20	53.162600	-0.657690	27.46	3.50	30.96
21	53.165690	-0.658340	22.77	3.50	26.27
22	53.165920	-0.658980	21.27	3.50	24.77
23	53.166210	-0.659430	20.99	3.50	24.49
24	53.165960	-0.661020	21.23	3.50	24.73
25	53.167980	-0.662370	18.26	3.50	21.76
26	53.167650	-0.663320	18.23	3.50	21.73
27	53.167500	-0.667240	23.91	3.50	27.41
28	53.164620	-0.668620	26.56	3.50	30.06
29	53.164820	-0.669520	27.49	3.50	30.99
30	53.163160	-0.671190	20.73	3.50	24.23
31	53.162730	-0.672050	18.84	3.50	22.34
32	53.162570	-0.673160	18.39	3.50	21.89
33	53.162750	-0.673700	17.85	3.50	21.35
34	53.162650	-0.674340	17.02	3.50	20.52

Name: PV array 4
Footprint area: 540,492 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.172585	-0.642585	14.81	3.50	18.31
2	53.173512	-0.648335	13.73	3.50	17.23
3	53.168740	-0.657433	17.19	3.50	20.69
4	53.168530	-0.657412	16.94	3.50	20.44
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
6	53.168300	-0.658730	18.04	3.50	21.54
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
8	53.165850	-0.657640	21.97	3.50	25.47
9	53.165650	-0.657980	23.24	3.50	26.74
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
13	53.166850	-0.655520	18.20	3.50	21.70
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08

14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
15	53.167980	-0.655110	18.44	3.50	21.94
16	53.169113	-0.651554	16.06	3.50	19.56
17	53.169113	-0.651060	15.41	3.50	18.91
18	53.168032	-0.650867	15.63	3.50	19.13
19	53.167955	-0.651597	16.07	3.50	19.57
20	53.167337	-0.651232	15.83	3.50	19.33
21	53.166077	-0.651103	19.26	3.50	22.76
22	53.166115	-0.650481	18.68	3.50	22.18
23	53.165961	-0.650181	19.78	3.50	23.28
24	53.168251	-0.644537	17.16	3.50	20.66
25	53.168920	-0.644687	16.30	3.50	19.80
26	53.170129	-0.644408	16.57	3.50	20.07
27	53.171132	-0.643754	15.25	3.50	18.75
28	53.171151	-0.643400	15.23	3.50	18.73
29	53.172000	-0.642681	14.97	3.50	18.47

Name: PV array 5
Footprint area: 85,119 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.175987	-0.638261	17.17	3.50	20.67
2	53.175962	-0.637317	17.32	3.50	20.82
3	53.175704	-0.636180	15.99	3.50	19.49
4	53.172039	-0.635257	10.34	3.50	13.84
5	53.170855	-0.638197	11.33	3.50	14.83
6	53.174251	-0.638304	12.30	3.50	15.80

Name: PV array 6
Footprint area: 178,317 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.167678	-0.644140	17.52	3.50	21.02
2	53.165556	-0.649011	19.39	3.50	22.89
3	53.164810	-0.644784	20.41	3.50	23.91
4	53.165350	-0.641716	16.27	3.50	19.77
5	53.163562	-0.640986	20.48	3.50	23.98
6	53.161902	-0.640643	22.38	3.50	25.88
7	53.159226	-0.640385	15.78	3.50	19.28
8	53.159329	-0.638197	13.14	3.50	16.64
9	53.162726	-0.638883	20.72	3.50	24.22
10	53.164115	-0.639205	17.21	3.50	20.71
11	53.165183	-0.639763	14.44	3.50	17.94
12	53.165800	-0.640707	14.81	3.50	18.31
13	53.166366	-0.642209	16.10	3.50	19.60
14	53.166971	-0.643282	16.63	3.50	20.13

Name: PV array 7
Footprint area: 492,432 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.164655	-0.651071	23.57	3.50	27.07
2	53.164218	-0.652101	24.34	3.50	27.84
3	53.163588	-0.652015	24.43	3.50	27.93
4	53.163575	-0.652466	24.10	3.50	27.60
5	53.163883	-0.652809	24.86	3.50	28.36
6	53.162790	-0.655406	26.04	3.50	29.54
7	53.162404	-0.655148	26.50	3.50	30.00
8	53.162082	-0.655835	27.39	3.50	30.89
9	53.162263	-0.656543	27.11	3.50	30.61
10	53.161516	-0.658324	26.25	3.50	29.75
11	53.158776	-0.654054	22.55	3.50	26.05
12	53.156879	-0.652104	18.45	3.50	21.95
13	53.156840	-0.650806	17.85	3.50	21.35
14	53.156634	-0.650474	16.75	3.50	20.25
15	53.155412	-0.650935	12.99	3.50	16.49
16	53.155245	-0.650441	12.47	3.50	15.97
17	53.154428	-0.650484	11.62	3.50	15.12
18	53.152317	-0.650581	10.82	3.50	14.32
19	53.151545	-0.650656	11.68	3.50	15.18
20	53.151481	-0.651761	11.49	3.50	14.99
21	53.151159	-0.651729	12.56	3.50	16.06
22	53.151178	-0.650924	12.32	3.50	15.82
23	53.150863	-0.650624	12.97	3.50	16.47
24	53.149042	-0.650581	13.39	3.50	16.89
25	53.149113	-0.652083	14.82	3.50	18.32
26	53.147459	-0.652115	10.92	3.50	14.42
27	53.147762	-0.654604	14.65	3.50	18.15
28	53.146730	-0.654770	11.29	3.50	14.79
29	53.146710	-0.654450	10.79	3.50	14.29
30	53.146660	-0.653930	9.99	3.50	13.49
31	53.146560	-0.653210	9.32	3.50	12.82
32	53.146500	-0.652650	9.65	3.50	13.15
33	53.146620	-0.652540	9.69	3.50	13.19
34	53.146670	-0.652330	9.64	3.50	13.14
35	53.146500	-0.650990	8.94	3.50	12.44
36	53.146830	-0.651060	9.07	3.50	12.57
37	53.147220	-0.650840	9.43	3.50	12.93
38	53.147530	-0.650195	9.95	3.50	13.45
39	53.148058	-0.647824	10.34	3.50	13.84
40	53.149293	-0.647502	11.75	3.50	15.25
41	53.149364	-0.647008	11.40	3.50	14.90
42	53.149004	-0.645163	9.84	3.50	13.34
43	53.149068	-0.644702	10.07	3.50	13.57
44	53.149589	-0.644659	10.09	3.50	13.59
45	53.150246	-0.645152	10.47	3.50	13.97
46	53.150709	-0.646118	10.77	3.50	14.27
47	53.150861	-0.646854	11.55	3.50	15.05
48	53.152186	-0.646683	10.55	3.50	14.05
49	53.152302	-0.648378	10.85	3.50	14.35
50	53.152559	-0.648356	11.03	3.50	14.53
51	53.152650	-0.647820	11.33	3.50	14.83
52	53.152843	-0.647562	10.51	3.50	14.01
53	53.152984	-0.648185	10.54	3.50	14.04
54	53.153396	-0.648850	10.72	3.50	14.22
55	53.153821	-0.649000	11.70	3.50	15.20
56	53.153821	-0.647176	11.57	3.50	15.07
57	53.157030	-0.647114	18.62	3.50	22.12
58	53.157911	-0.650923	21.21	3.50	24.71
59	53.159526	-0.650773	24.30	3.50	27.80
60	53.159841	-0.651545	25.93	3.50	29.43
61	53.160478	-0.652318	28.32	3.50	31.82
62	53.160542	-0.654142	27.00	3.50	30.50
63	53.161668	-0.654152	28.25	3.50	31.75
64	53.162003	-0.653691	27.32	3.50	30.82

65	53.161359	-0.652489	27.84	3.50	31.34
66	53.161314	-0.650848	28.23	3.50	31.73

Name: PV array 8
Footprint area: 15,661 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.149067	-0.644094	9.24	3.50	12.74
2	53.149505	-0.644029	9.82	3.50	13.32
3	53.149878	-0.644094	9.57	3.50	13.07
4	53.150888	-0.643353	9.27	3.50	12.77
5	53.150521	-0.642002	8.25	3.50	11.75
6	53.149871	-0.642806	8.50	3.50	12.00
7	53.149472	-0.642796	8.80	3.50	12.30
8	53.149215	-0.643192	8.74	3.50	12.24
9	53.149022	-0.644072	9.17	3.50	12.67

Name: PV array 9
Footprint area: 49,096 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.144980	-0.656700	12.95	3.50	16.45
2	53.143230	-0.656440	10.07	3.50	13.57
3	53.143170	-0.652900	8.94	3.50	12.44
4	53.143890	-0.652530	9.13	0.00	9.13
5	53.144200	-0.652530	9.20	3.50	12.70
6	53.144680	-0.653130	9.45	3.50	12.95
7	53.144910	-0.653050	9.39	3.50	12.89

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	53.132893	-0.623725	12.40	2.00	14.40
OP 2	53.129916	-0.668905	16.44	2.00	18.44
OP 3	53.129694	-0.669050	16.55	2.00	18.55
OP 4	53.128850	-0.656726	14.32	2.00	16.32
OP 5	53.129475	-0.621240	10.02	2.00	12.02
OP 6	53.129501	-0.619743	10.55	2.00	12.55
OP 7	53.127099	-0.611879	11.57	2.00	13.57
OP 8	53.126419	-0.601524	8.00	2.00	10.00
OP 9	53.133490	-0.637777	14.37	2.00	16.37
OP 10	53.133290	-0.635813	14.85	2.00	16.85
OP 11	53.133042	-0.634215	15.37	2.00	17.37
OP 12	53.132862	-0.633346	15.62	2.00	17.62
OP 13	53.132032	-0.633485	16.15	2.00	18.15
OP 14	53.131253	-0.633410	15.73	2.00	17.73
OP 15	53.129553	-0.633142	15.16	2.00	17.16
OP 16	53.127847	-0.634514	15.68	2.00	17.68
OP 17	53.126540	-0.634911	15.83	2.00	17.83
OP 18	53.126753	-0.637905	15.81	2.00	17.81
OP 19	53.126862	-0.639342	15.88	2.00	17.88
OP 20	53.126985	-0.641327	15.93	2.00	17.93
OP 21	53.125459	-0.641177	14.77	2.00	16.77
OP 22	53.124030	-0.643065	16.44	2.00	18.44
OP 23	53.124248	-0.645694	14.96	2.00	16.96
OP 24	53.125356	-0.645597	13.44	2.00	15.44
OP 25	53.126733	-0.644997	14.46	2.00	16.46
OP 26	53.127957	-0.642990	12.86	2.00	14.86
OP 27	53.129180	-0.642819	12.46	2.00	14.46
OP 28	53.130319	-0.642507	13.21	2.00	15.21
OP 29	53.131381	-0.642218	13.41	2.00	15.41
OP 30	53.131780	-0.641156	15.22	2.00	17.22
OP 31	53.131478	-0.639739	15.03	2.00	17.03
OP 32	53.132225	-0.638398	14.35	2.00	16.35
OP 33	53.123521	-0.638420	15.71	2.00	17.71
OP 34	53.123315	-0.681829	18.43	2.00	20.43
OP 35	53.122890	-0.679661	17.83	2.00	19.83
OP 36	53.123791	-0.675048	17.13	2.00	19.13
OP 37	53.122909	-0.675445	17.00	2.00	19.00
OP 38	53.121943	-0.673653	18.14	2.00	20.14
OP 39	53.121596	-0.671196	17.00	2.00	19.00
OP 40	53.121229	-0.669083	14.66	2.00	16.66
OP 41	53.120154	-0.671840	16.09	2.00	18.09
OP 42	53.121596	-0.675069	18.80	2.00	20.80
OP 43	53.121972	-0.677473	16.36	2.00	18.36

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
PV array 1	SA tracking	SA tracking	144	0	-	-
PV array 10	SA tracking	SA tracking	0	0	-	-
PV array 11	SA tracking	SA tracking	1,398	0	-	-
PV array 12	SA tracking	SA tracking	72	0	-	-
PV array 13	SA tracking	SA tracking	11,663	772	-	-
PV array 14	SA tracking	SA tracking	89	0	-	-
PV array 15	SA tracking	SA tracking	7,842	7	-	-
PV array 2	SA tracking	SA tracking	0	0	-	-
PV array 3	SA tracking	SA tracking	156	0	-	-
PV array 4	SA tracking	SA tracking	0	0	-	-
PV array 5	SA tracking	SA tracking	0	0	-	-
PV array 6	SA tracking	SA tracking	0	0	-	-
PV array 7	SA tracking	SA tracking	1,038	0	-	-
PV array 8	SA tracking	SA tracking	56	0	-	-
PV array 9	SA tracking	SA tracking	4,010	0	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
pv-array-1 (green)	0	0	0	0	8	101	35	0	0	0	0	0
pv-array-1 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-11 (green)	0	0	0	95	272	251	237	38	0	0	0	0
pv-array-11 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-12 (green)	0	0	0	0	0	0	0	0	32	0	0	0
pv-array-12 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-13 (green)	51	78	118	214	282	288	349	282	191	144	201	151
pv-array-13 (yellow)	17	39	58	19	36	13	3	0	4	66	18	40
pv-array-14 (green)	0	24	3	0	0	0	0	0	0	19	0	0
pv-array-14 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-15 (green)	217	348	207	48	0	0	0	11	86	321	306	277
pv-array-15 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-3 (green)	0	0	0	0	15	92	43	0	0	0	0	0
pv-array-3 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-7 (green)	0	0	0	0	109	294	176	0	0	0	0	0
pv-array-7 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-8 (green)	0	0	0	0	0	54	2	0	0	0	0	0
pv-array-8 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-9 (green)	0	0	0	0	125	388	370	0	0	0	0	0
pv-array-9 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

PV array 1 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	144	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

PV array 1: OP 1

No glare found

PV array 1: OP 2

No glare found

PV array 1: OP 3

No glare found

PV array 1: OP 4

No glare found

PV array 1: OP 5

No glare found

PV array 1: OP 6

No glare found

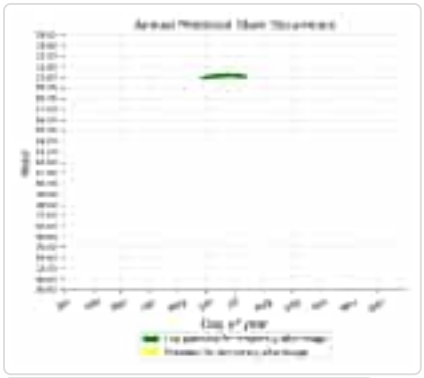
PV array 1: OP 7

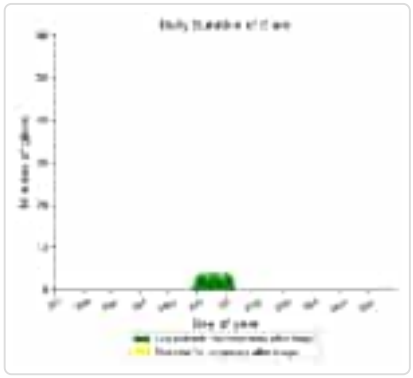
No glare found

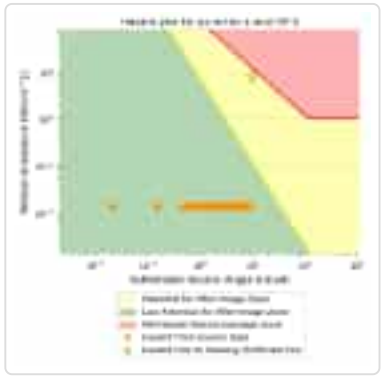
PV array 1: OP 8

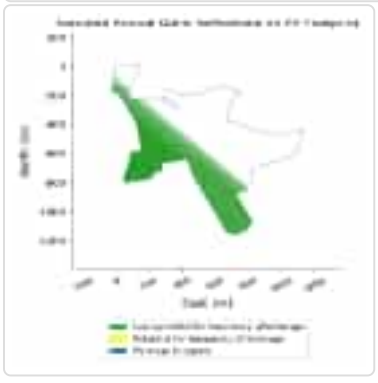
PV array is expected to produce the following glare for this receptor:

- 144 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 9

No glare found

PV array 1: OP 10

No glare found

PV array 1: OP 11

No glare found

PV array 1: OP 12

No glare found

PV array 1: OP 13

No glare found

PV array 1: OP 14

No glare found

PV array 1: OP 15

No glare found

PV array 1: OP 16

No glare found

PV array 1: OP 17

No glare found

PV array 1: OP 18

No glare found

PV array 1: OP 19

No glare found

PV array 1: OP 20

No glare found

PV array 1: OP 21

No glare found

PV array 1: OP 22

No glare found

PV array 1: OP 23

No glare found

PV array 1: OP 24

No glare found

PV array 1: OP 25

No glare found

PV array 1: OP 26

No glare found

PV array 1: OP 27

No glare found

PV array 1: OP 28

No glare found

PV array 1: OP 29

No glare found

PV array 1: OP 30

No glare found

PV array 1: OP 31

No glare found

PV array 1: OP 32

No glare found

PV array 1: OP 33

No glare found

PV array 1: OP 34

No glare found

PV array 1: OP 35

No glare found

PV array 1: OP 36

No glare found

PV array 1: OP 37

No glare found

PV array 1: OP 38

No glare found

PV array 1: OP 39

No glare found

PV array 1: OP 40

No glare found

PV array 1: OP 41

No glare found

PV array 1: OP 42

No glare found

PV array 1: OP 43

No glare found

PV array 10 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

No glare found

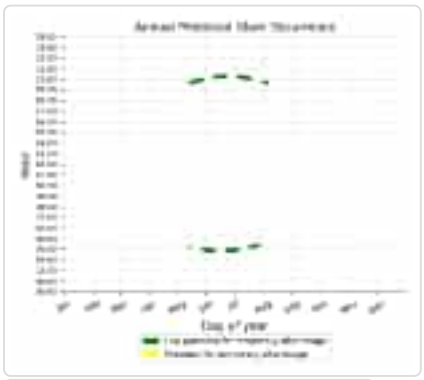
PV array 11 low potential for temporary after-image

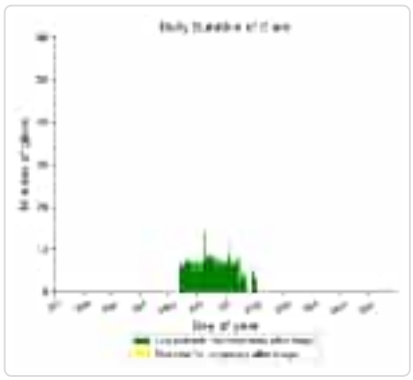
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	524	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	183	0
OP: OP 8	263	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	119	0
OP: OP 12	138	0
OP: OP 13	100	0
OP: OP 14	71	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

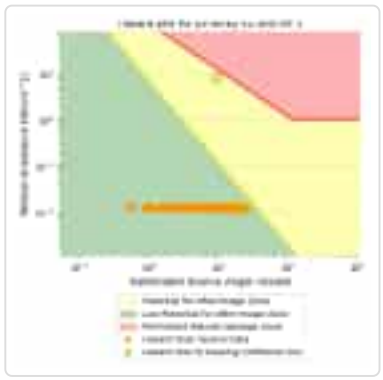
PV array 11: OP 1

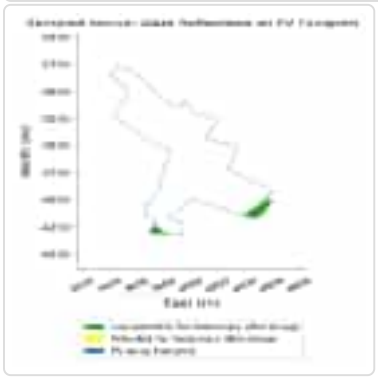
PV array is expected to produce the following glare for this receptor:

- 524 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 2

No glare found

PV array 11: OP 3

No glare found

PV array 11: OP 4

No glare found

PV array 11: OP 5

No glare found

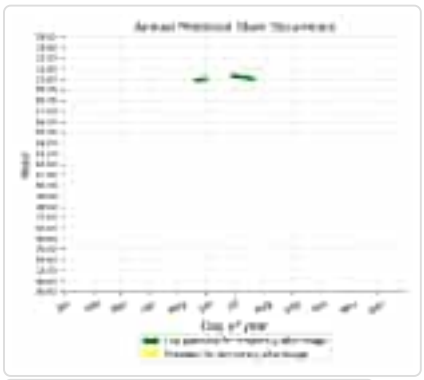
PV array 11: OP 6

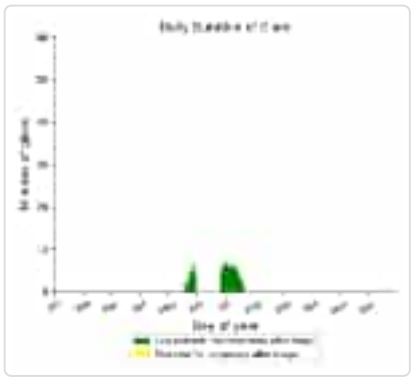
No glare found

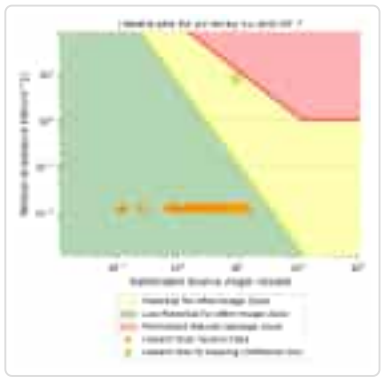
PV array 11: OP 7

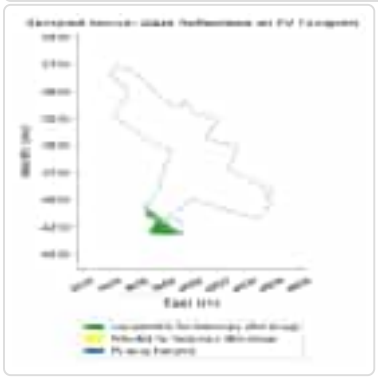
PV array is expected to produce the following glare for this receptor:

- 183 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





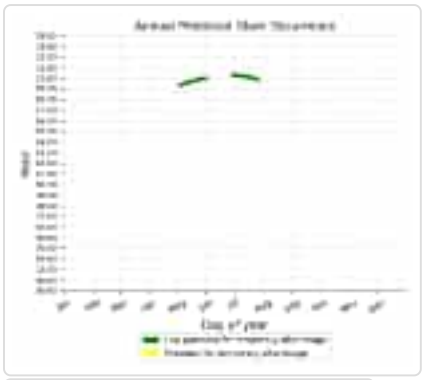


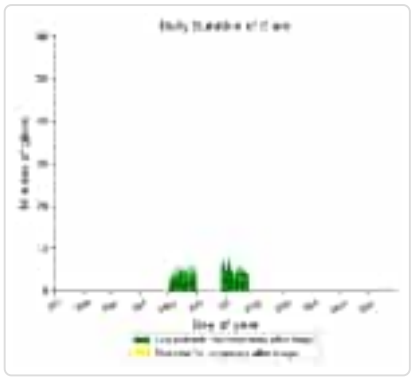


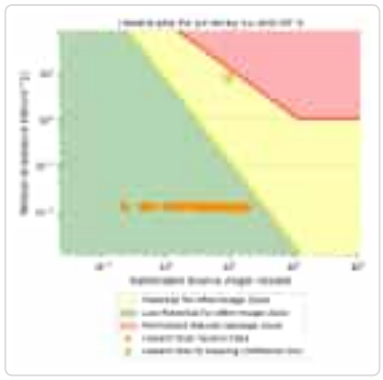
PV array 11: OP 8

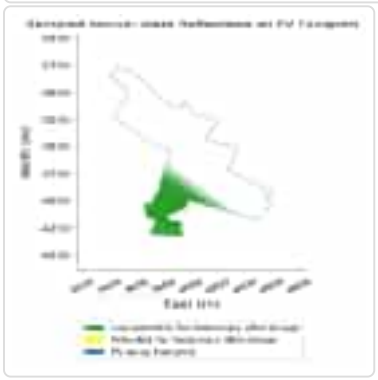
PV array is expected to produce the following glare for this receptor:

- 263 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 9

No glare found

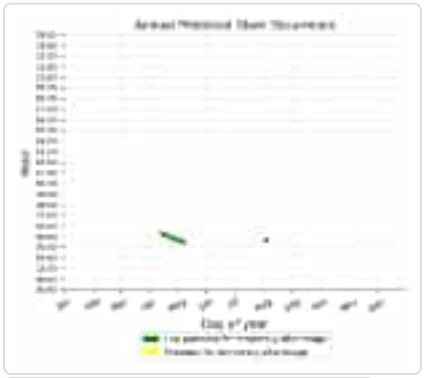
PV array 11: OP 10

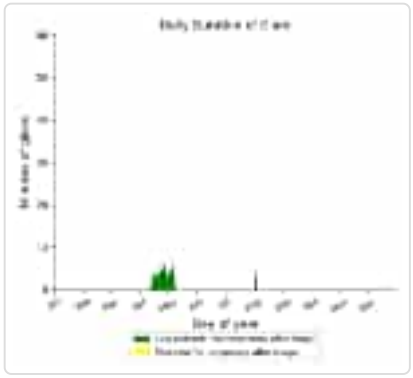
No glare found

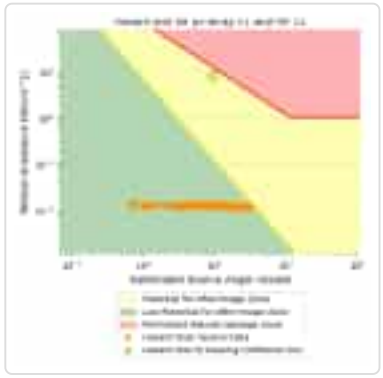
PV array 11: OP 11

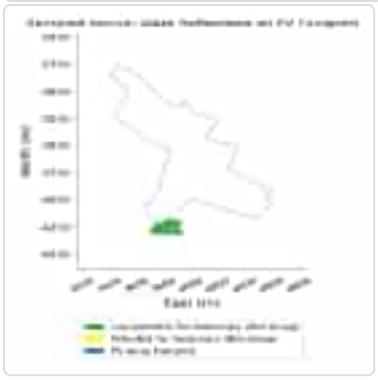
PV array is expected to produce the following glare for this receptor:

- 119 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





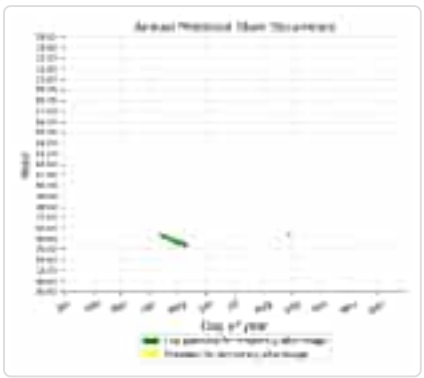


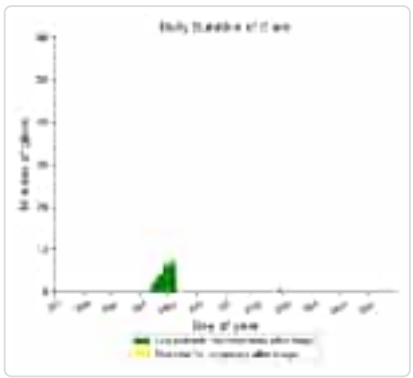


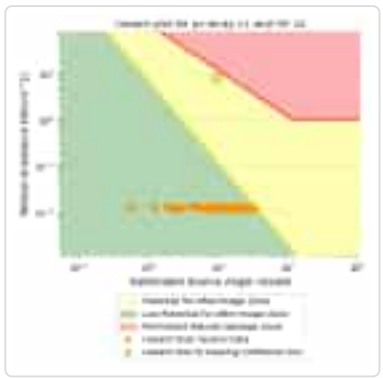
PV array 11: OP 12

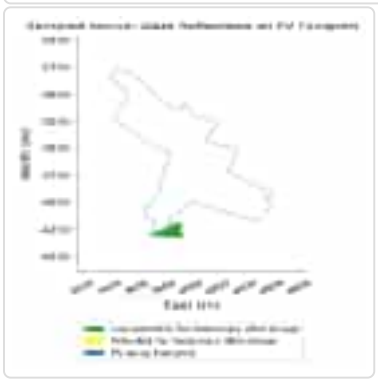
PV array is expected to produce the following glare for this receptor:

- 138 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





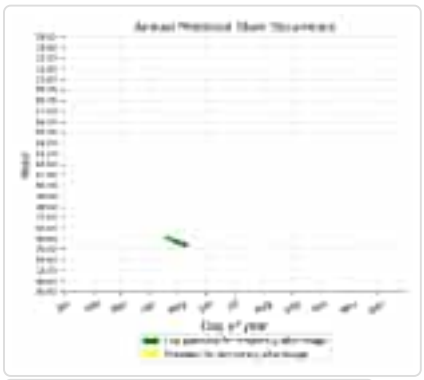


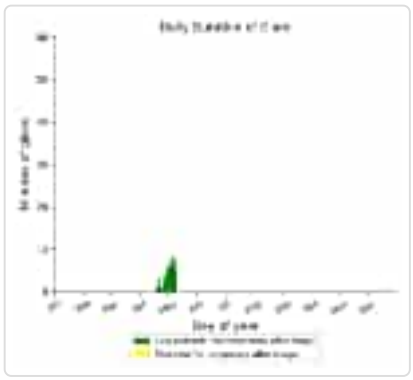


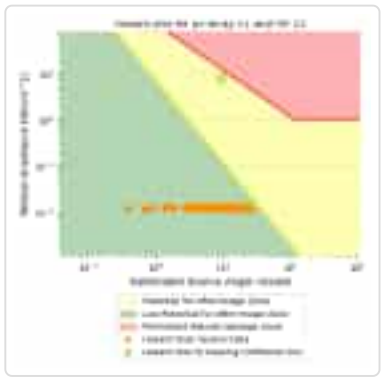
PV array 11: OP 13

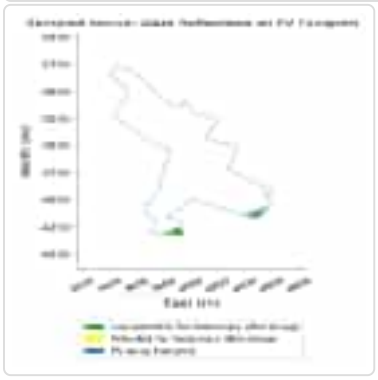
PV array is expected to produce the following glare for this receptor:

- 100 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





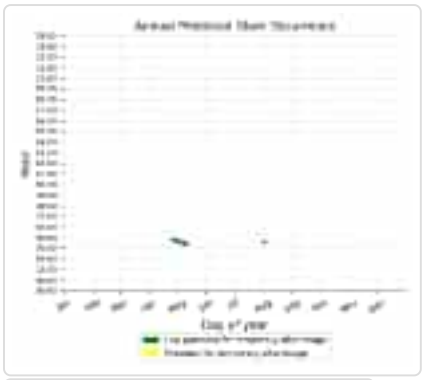


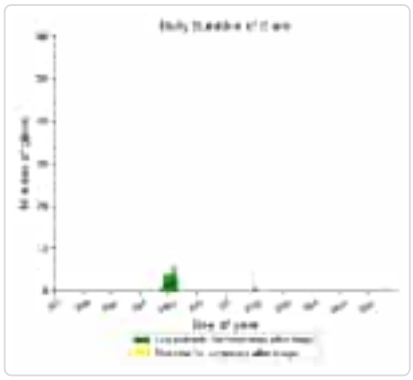


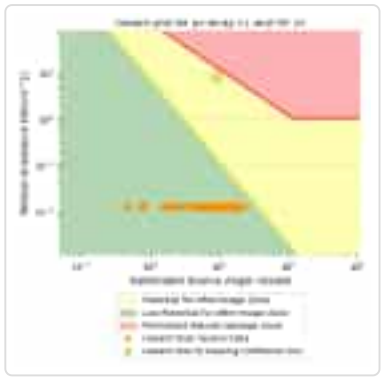
PV array 11: OP 14

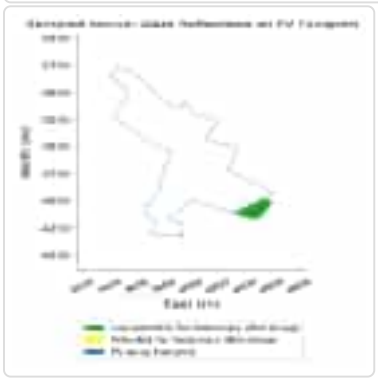
PV array is expected to produce the following glare for this receptor:

- 71 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 15

No glare found

PV array 11: OP 16

No glare found

PV array 11: OP 17

No glare found

PV array 11: OP 18

No glare found

PV array 11: OP 19

No glare found

PV array 11: OP 20

No glare found

PV array 11: OP 21

No glare found

PV array 11: OP 22

No glare found

PV array 11: OP 23

No glare found

PV array 11: OP 24

No glare found

PV array 11: OP 25

No glare found

PV array 11: OP 26

No glare found

PV array 11: OP 27

No glare found

PV array 11: OP 28

No glare found

PV array 11: OP 29

No glare found

PV array 11: OP 30

No glare found

PV array 11: OP 31

No glare found

PV array 11: OP 32
No glare found

PV array 11: OP 33
No glare found

PV array 11: OP 34
No glare found

PV array 11: OP 35
No glare found

PV array 11: OP 36
No glare found

PV array 11: OP 37
No glare found

PV array 11: OP 38
No glare found

PV array 11: OP 39
No glare found

PV array 11: OP 40
No glare found

PV array 11: OP 41
No glare found

PV array 11: OP 42
No glare found

PV array 11: OP 43
No glare found

PV array 12 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	31	0
OP: OP 10	24	0

OP: OP 11	17	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

PV array 12: OP 1

No glare found

PV array 12: OP 2

No glare found

PV array 12: OP 3

No glare found

PV array 12: OP 4

No glare found

PV array 12: OP 5

No glare found

PV array 12: OP 6

No glare found

PV array 12: OP 7

No glare found

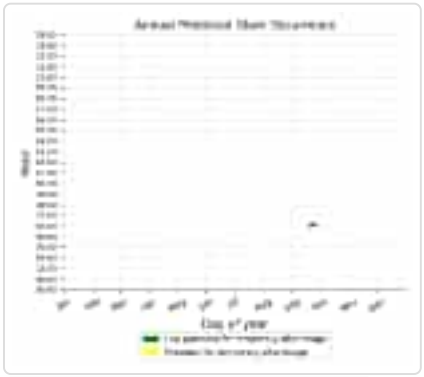
PV array 12: OP 8

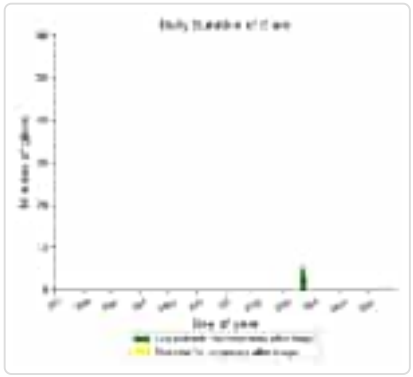
No glare found

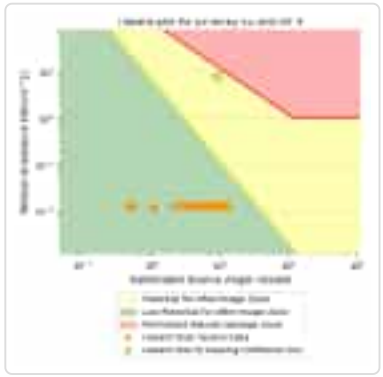
PV array 12: OP 9

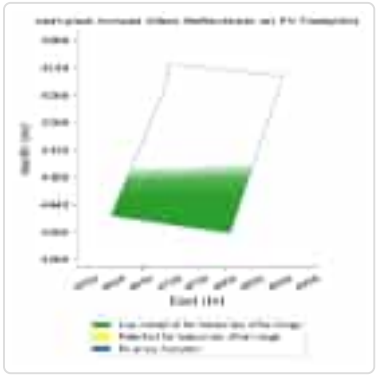
PV array is expected to produce the following glare for this receptor:

- 31 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





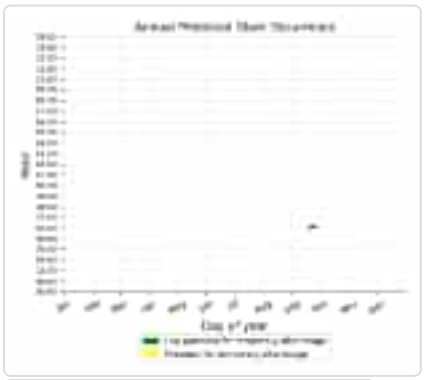


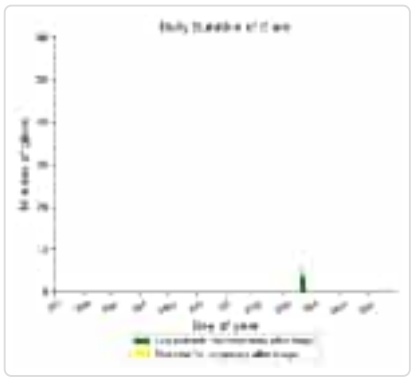


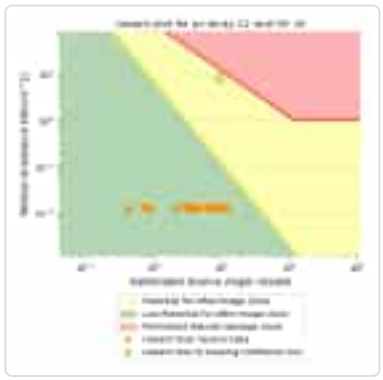
PV array 12: OP 10

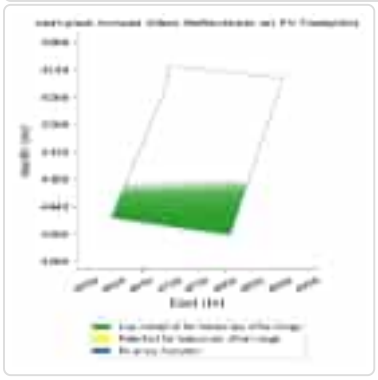
PV array is expected to produce the following glare for this receptor:

- 24 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





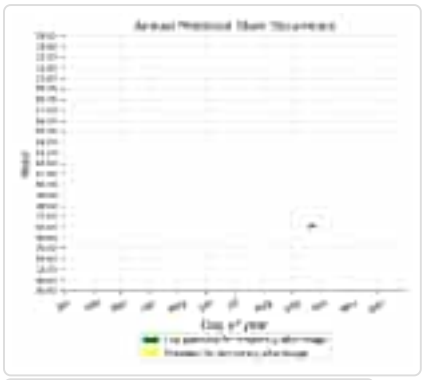


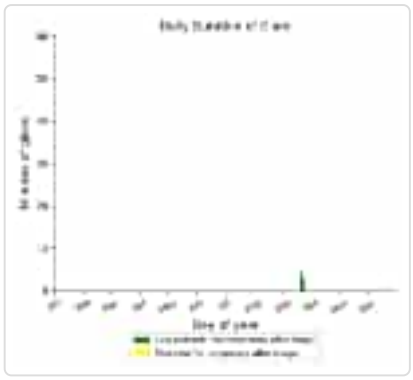


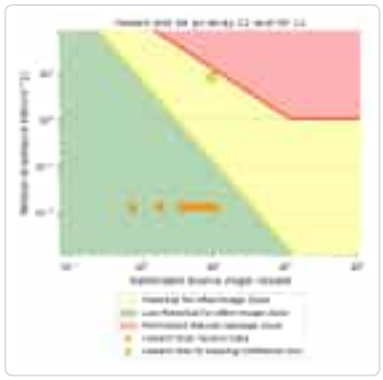
PV array 12: OP 11

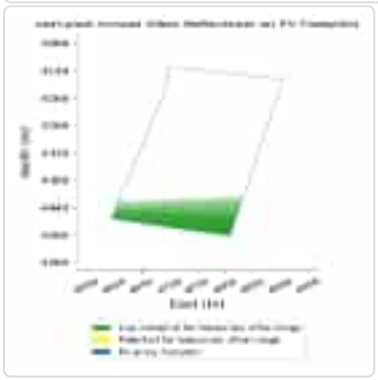
PV array is expected to produce the following glare for this receptor:

- 17 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12: OP 12

No glare found

PV array 12: OP 13

No glare found

PV array 12: OP 14

No glare found

PV array 12: OP 15

No glare found

PV array 12: OP 16

No glare found

PV array 12: OP 17

No glare found

PV array 12: OP 18

No glare found

PV array 12: OP 19

No glare found

PV array 12: OP 20

No glare found

PV array 12: OP 21

No glare found

PV array 12: OP 22

No glare found

PV array 12: OP 23

No glare found

PV array 12: OP 24

No glare found

PV array 12: OP 25

No glare found

PV array 12: OP 26

No glare found

PV array 12: OP 27

No glare found

PV array 12: OP 28

No glare found

PV array 12: OP 29
No glare found

PV array 12: OP 30
No glare found

PV array 12: OP 31
No glare found

PV array 12: OP 32
No glare found

PV array 12: OP 33
No glare found

PV array 12: OP 34
No glare found

PV array 12: OP 35
No glare found

PV array 12: OP 36
No glare found

PV array 12: OP 37
No glare found

PV array 12: OP 38
No glare found

PV array 12: OP 39
No glare found

PV array 12: OP 40
No glare found

PV array 12: OP 41
No glare found

PV array 12: OP 42
No glare found

PV array 12: OP 43
No glare found

PV array 13 potential temporary after-image

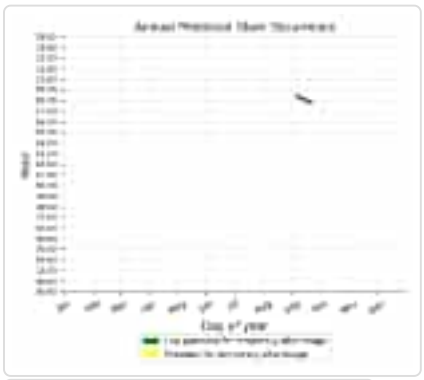
Component	Green glare (min)	Yellow glare (min)

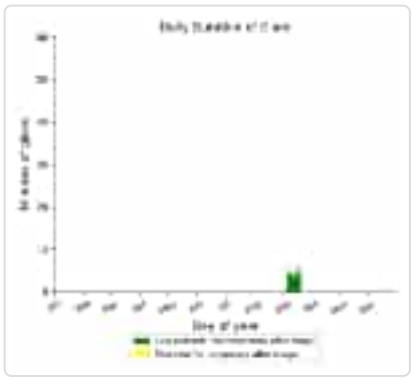
OP: OP 1	66	0
OP: OP 2	748	309
OP: OP 3	667	381
OP: OP 4	940	69
OP: OP 5	88	0
OP: OP 6	121	0
OP: OP 7	127	0
OP: OP 8	141	0
OP: OP 9	103	0
OP: OP 10	103	0
OP: OP 11	102	0
OP: OP 12	103	0
OP: OP 13	116	0
OP: OP 14	131	0
OP: OP 15	120	0
OP: OP 16	112	0
OP: OP 17	179	0
OP: OP 18	328	0
OP: OP 19	393	0
OP: OP 20	399	0
OP: OP 21	401	0
OP: OP 22	380	0
OP: OP 23	404	0
OP: OP 24	395	0
OP: OP 25	398	0
OP: OP 26	369	0
OP: OP 27	197	0
OP: OP 28	119	0
OP: OP 29	127	0
OP: OP 30	125	0
OP: OP 31	110	0
OP: OP 32	114	0
OP: OP 33	405	0
OP: OP 34	326	0
OP: OP 35	371	0
OP: OP 36	400	0
OP: OP 37	400	0
OP: OP 38	408	0
OP: OP 39	267	13
OP: OP 40	98	0
OP: OP 41	16	0
OP: OP 42	412	0
OP: OP 43	334	0

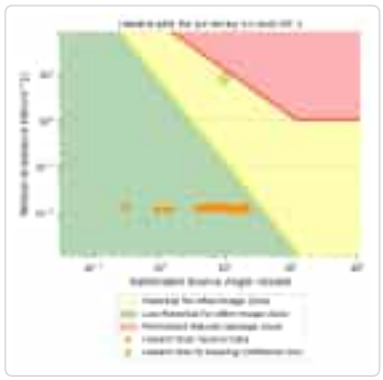
PV array 13: OP 1

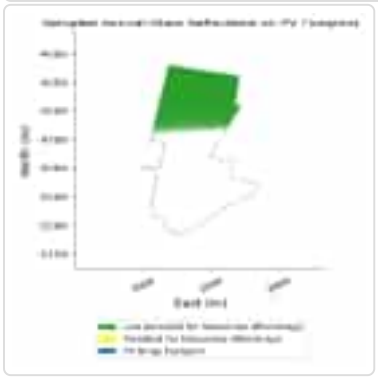
PV array is expected to produce the following glare for this receptor:

- 66 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





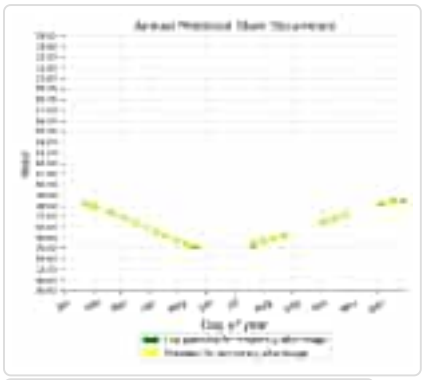


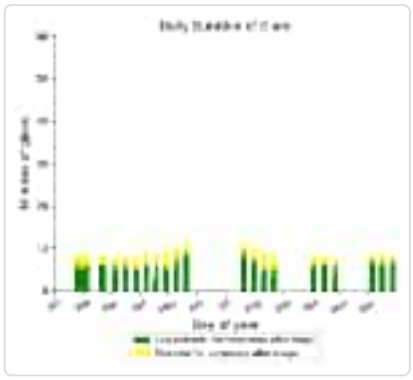


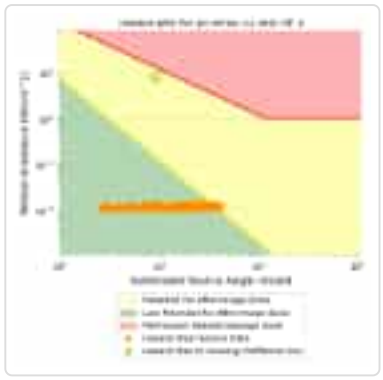
PV array 13: OP 2

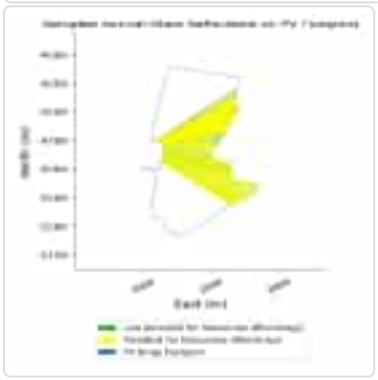
PV array is expected to produce the following glare for this receptor:

- 748 minutes of "green" glare with low potential to cause temporary after-image.
- 309 minutes of "yellow" glare with potential to cause temporary after-image.





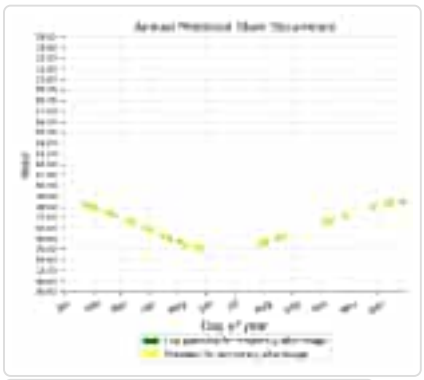


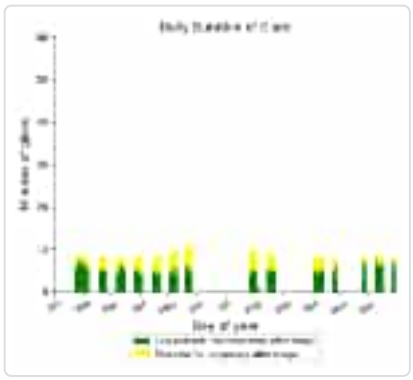


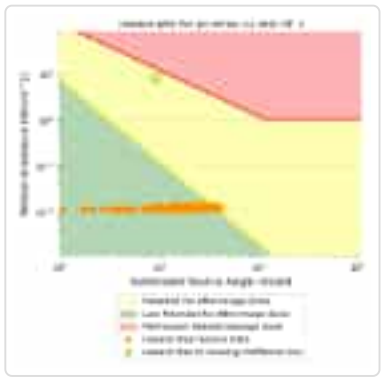
PV array 13: OP 3

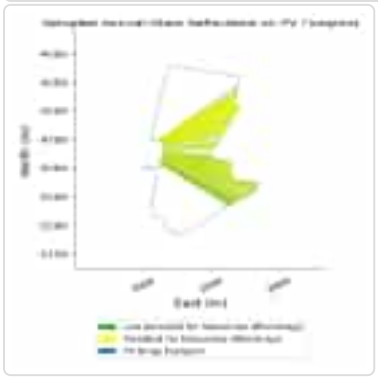
PV array is expected to produce the following glare for this receptor:

- 667 minutes of "green" glare with low potential to cause temporary after-image.
- 381 minutes of "yellow" glare with potential to cause temporary after-image.





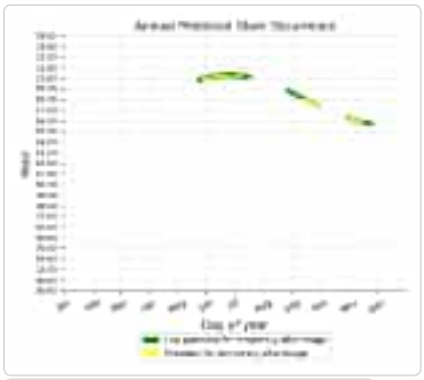


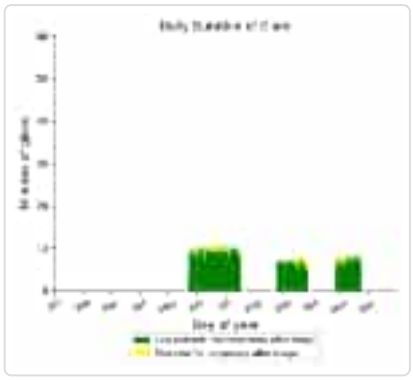


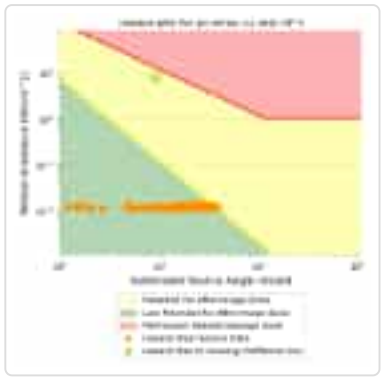
PV array 13: OP 4

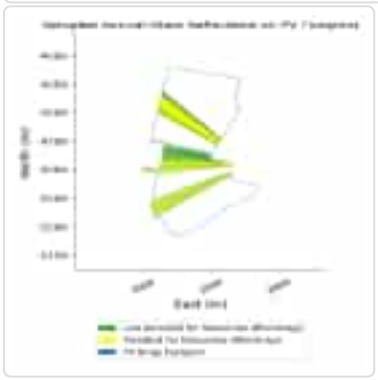
PV array is expected to produce the following glare for this receptor:

- 940 minutes of "green" glare with low potential to cause temporary after-image.
- 69 minutes of "yellow" glare with potential to cause temporary after-image.





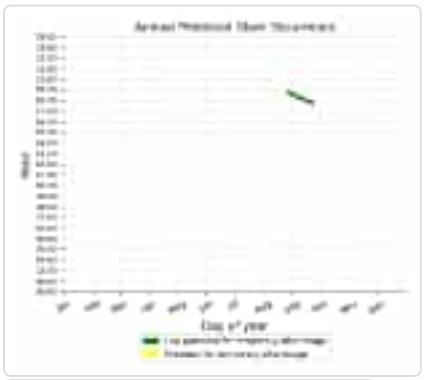


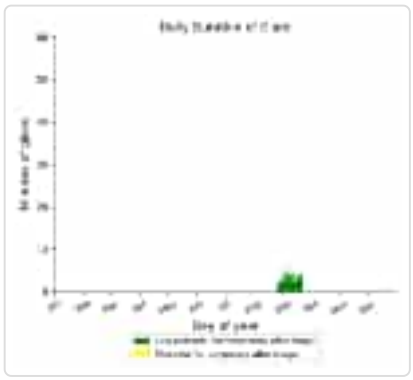


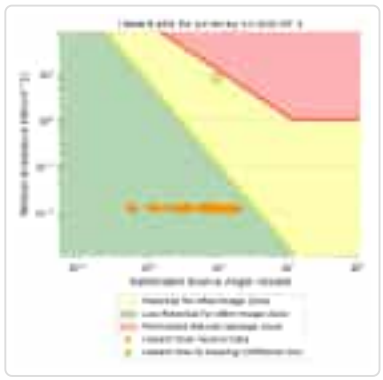
PV array 13: OP 5

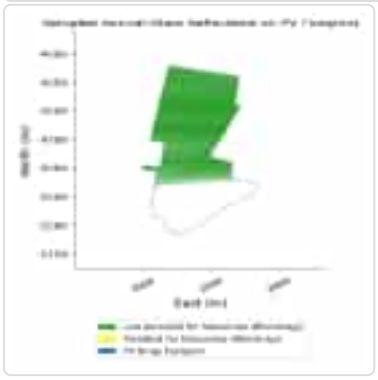
PV array is expected to produce the following glare for this receptor:

- 88 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





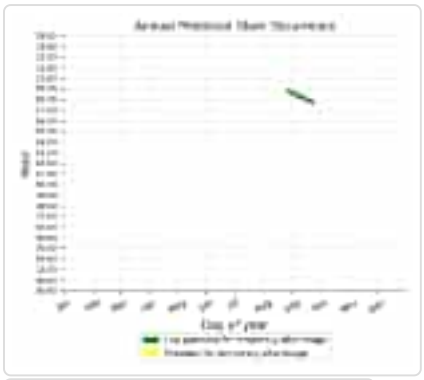


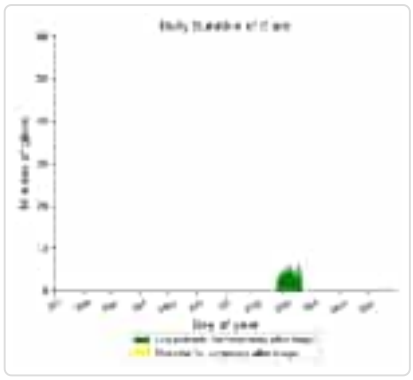


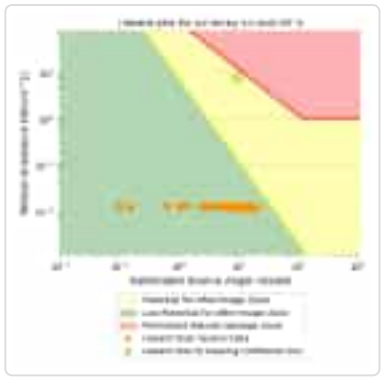
PV array 13: OP 6

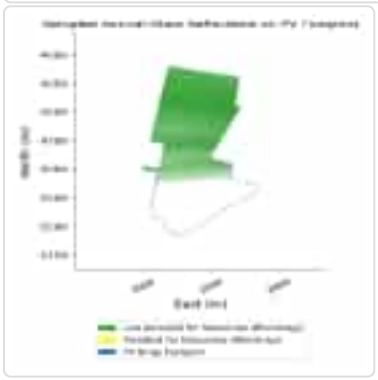
PV array is expected to produce the following glare for this receptor:

- 121 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





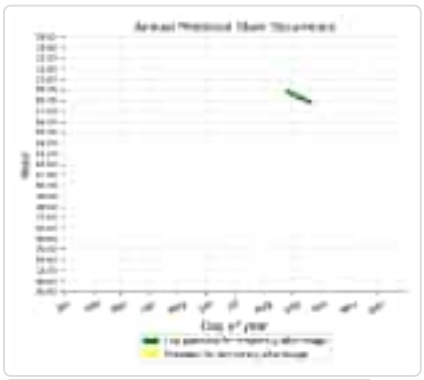


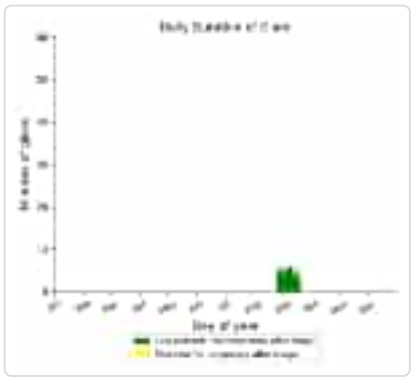


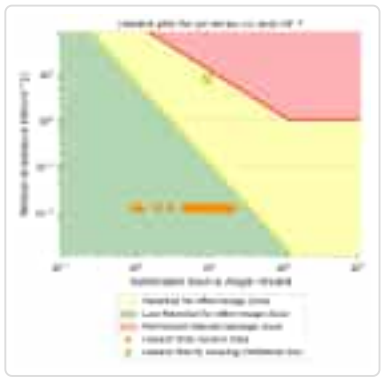
PV array 13: OP 7

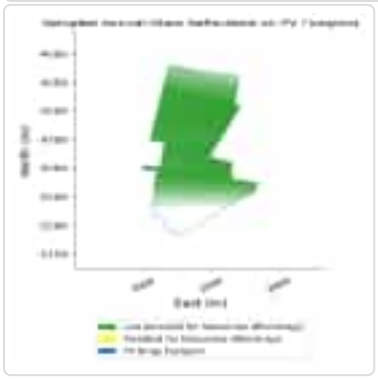
PV array is expected to produce the following glare for this receptor:

- 127 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





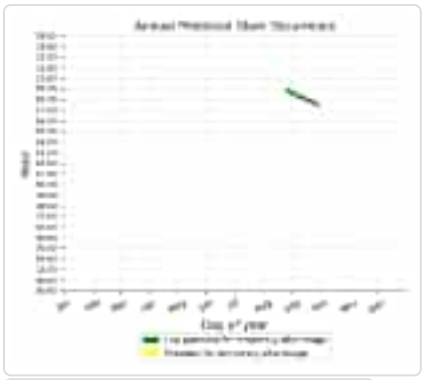


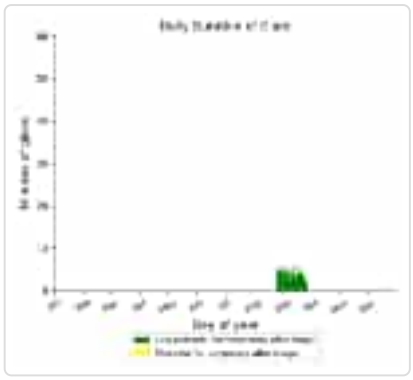


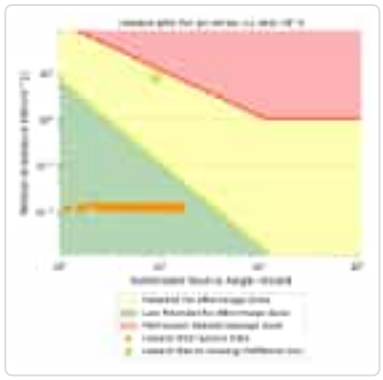
PV array 13: OP 8

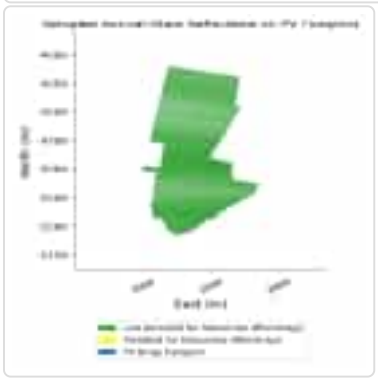
PV array is expected to produce the following glare for this receptor:

- 141 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





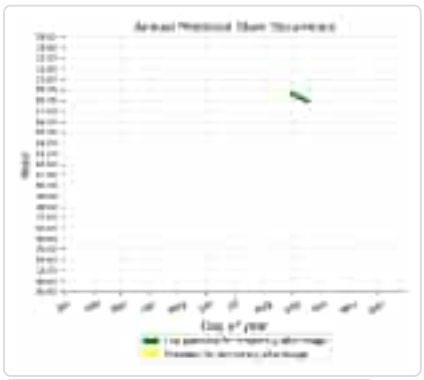


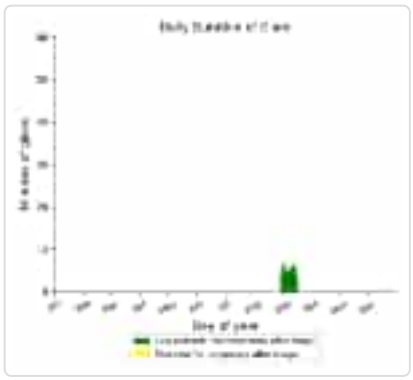


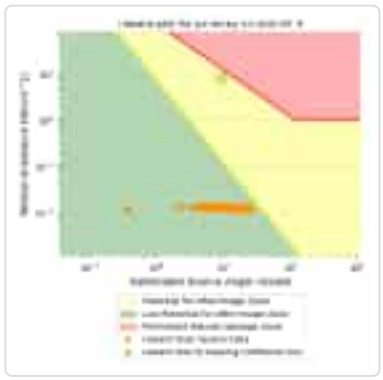
PV array 13: OP 9

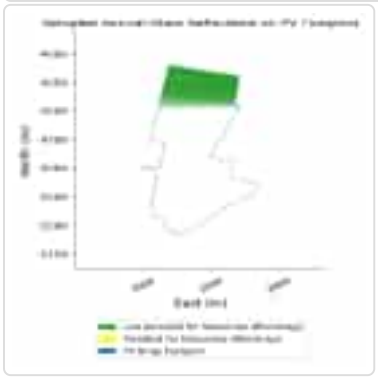
PV array is expected to produce the following glare for this receptor:

- 103 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





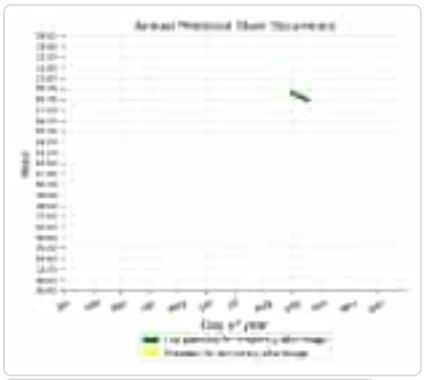


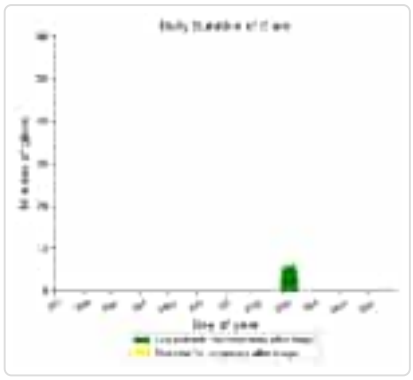


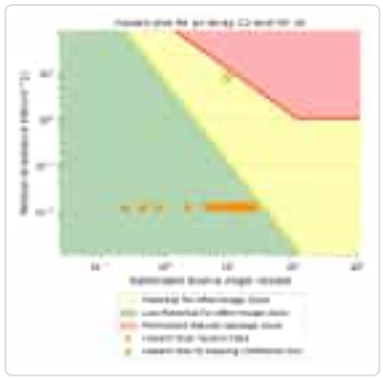
PV array 13: OP 10

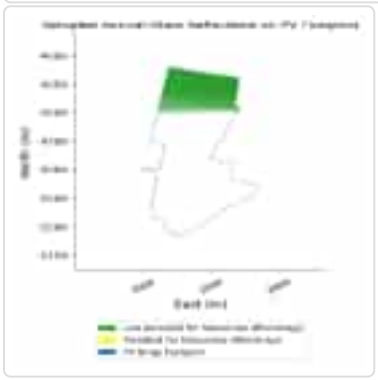
PV array is expected to produce the following glare for this receptor:

- 103 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





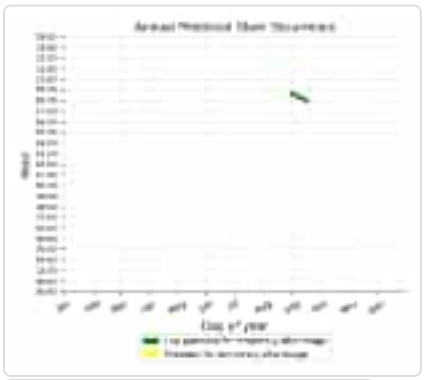


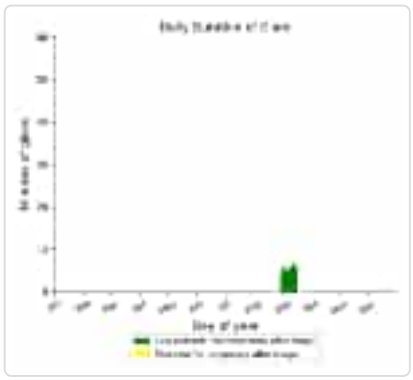


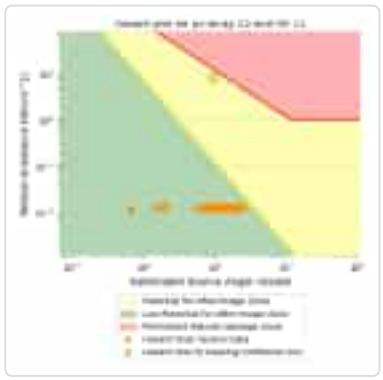
PV array 13: OP 11

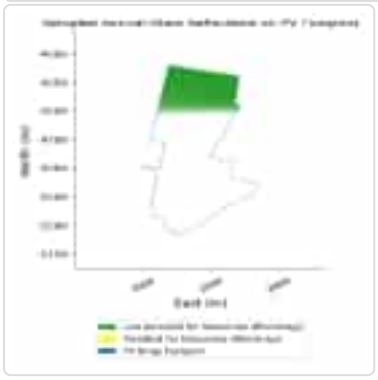
PV array is expected to produce the following glare for this receptor:

- 102 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





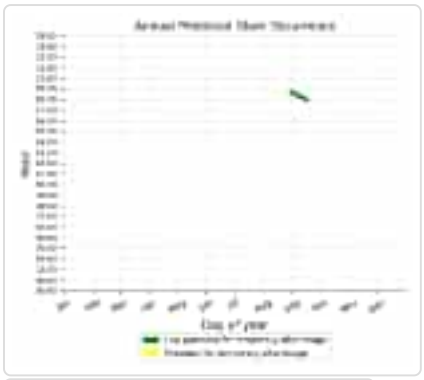


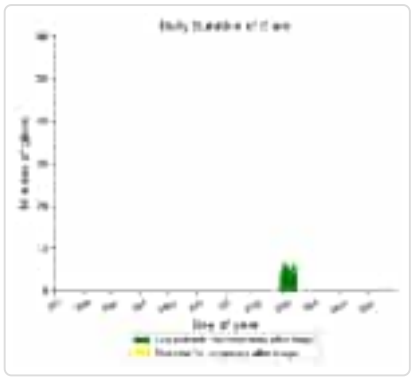


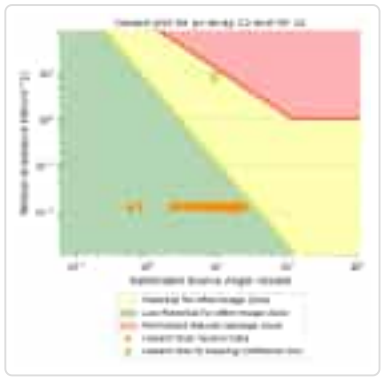
PV array 13: OP 12

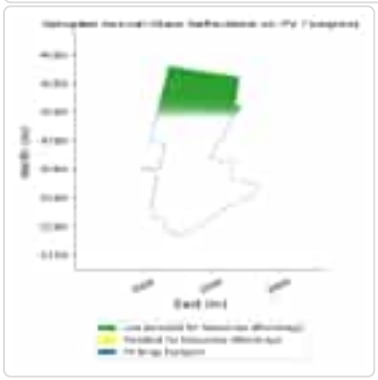
PV array is expected to produce the following glare for this receptor:

- 103 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





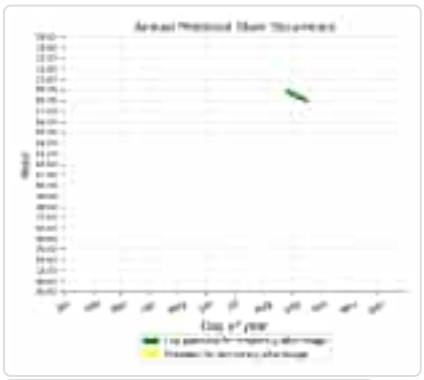


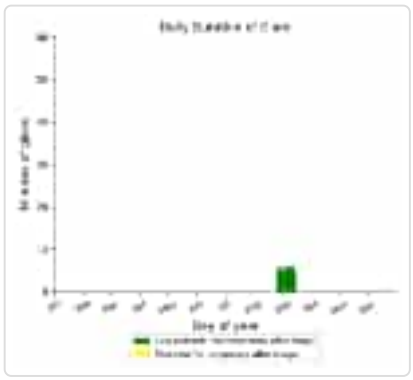


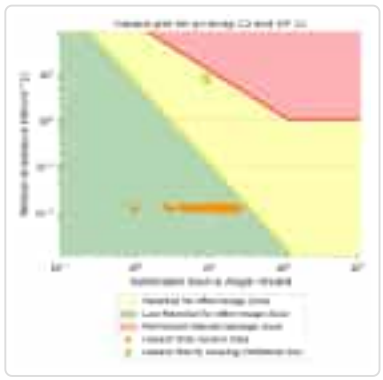
PV array 13: OP 13

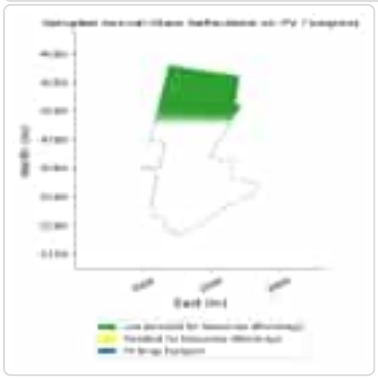
PV array is expected to produce the following glare for this receptor:

- 116 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





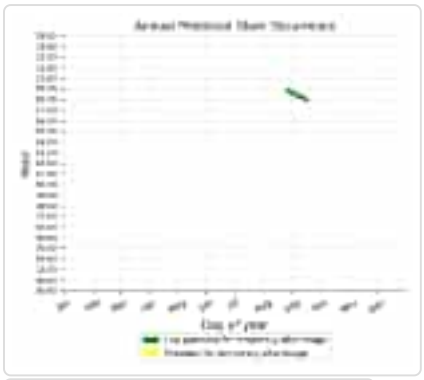


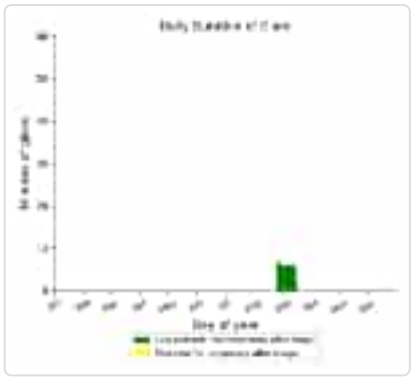


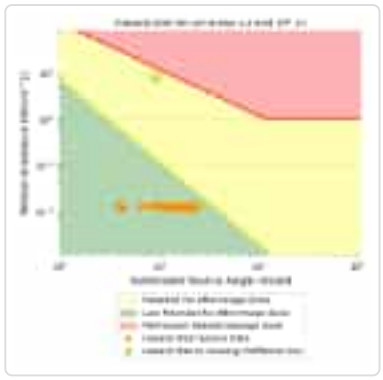
PV array 13: OP 14

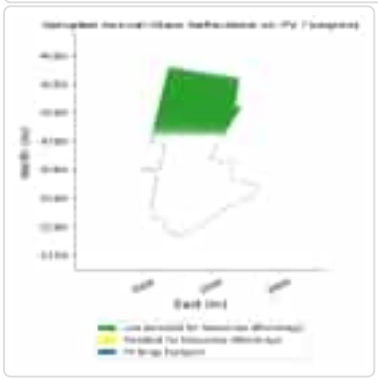
PV array is expected to produce the following glare for this receptor:

- 131 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





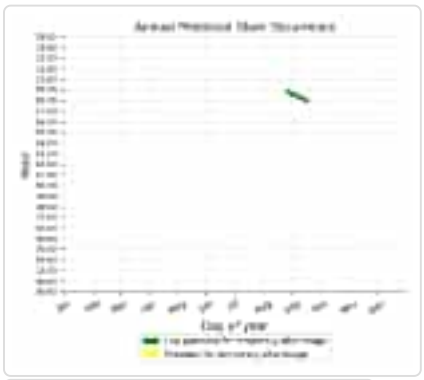


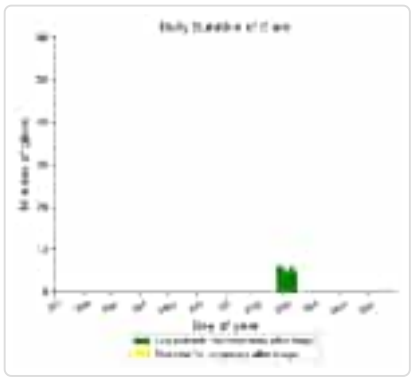


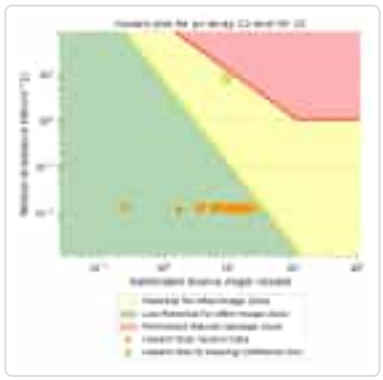
PV array 13: OP 15

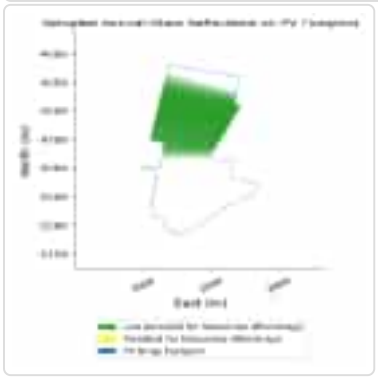
PV array is expected to produce the following glare for this receptor:

- 120 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





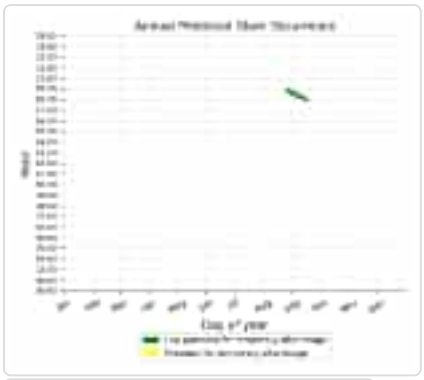


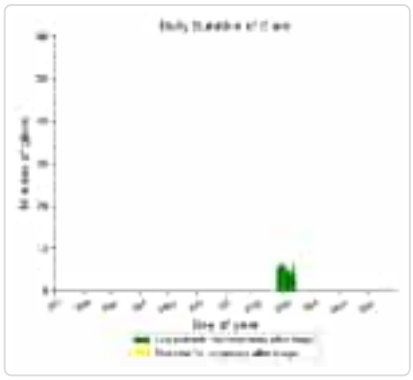


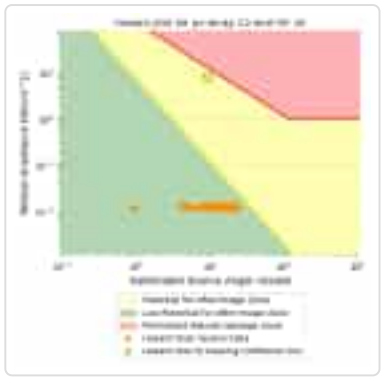
PV array 13: OP 16

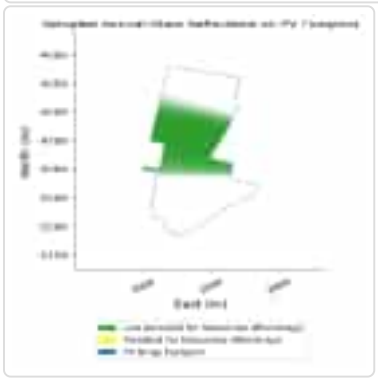
PV array is expected to produce the following glare for this receptor:

- 112 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





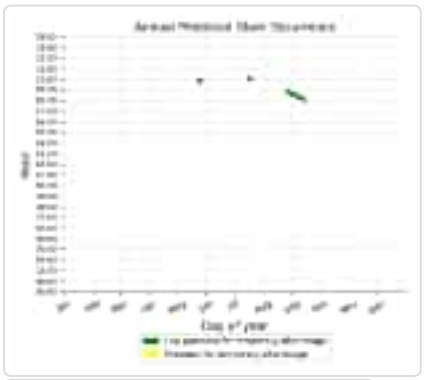


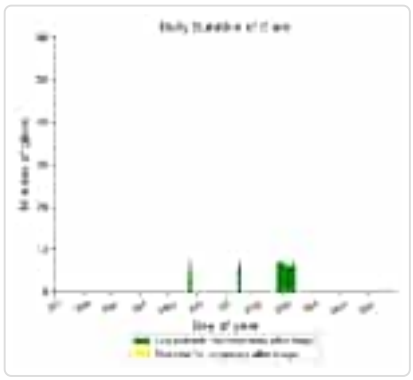


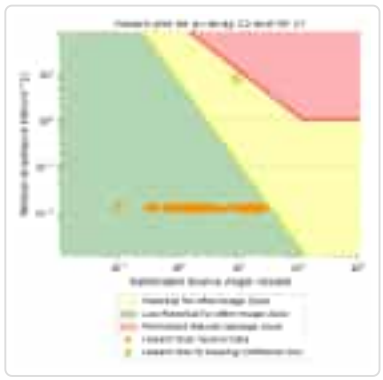
PV array 13: OP 17

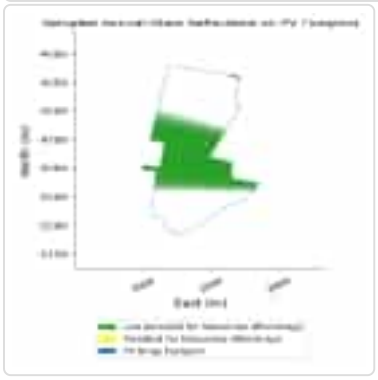
PV array is expected to produce the following glare for this receptor:

- 179 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





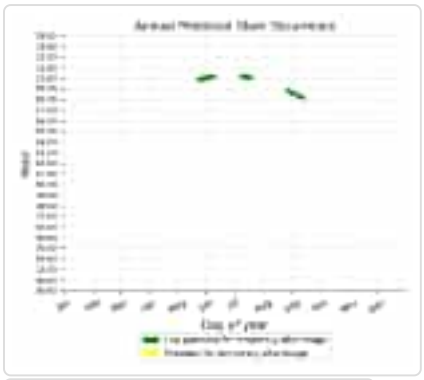


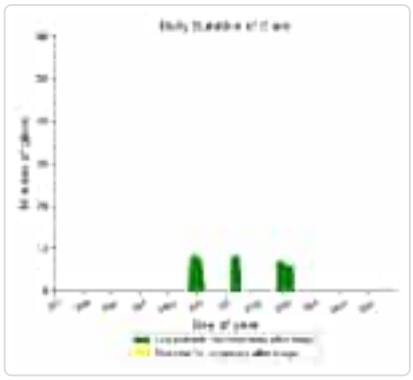


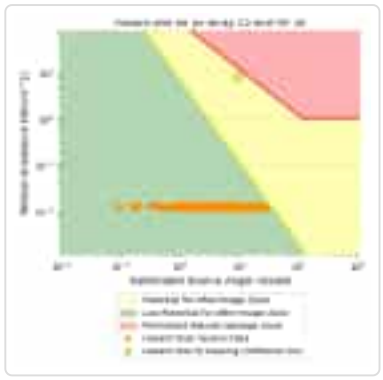
PV array 13: OP 18

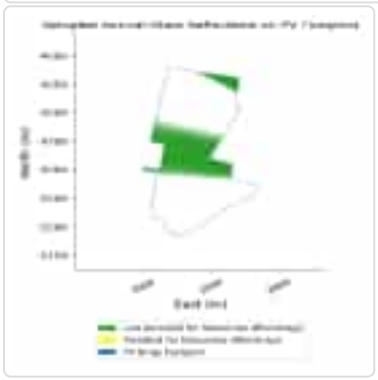
PV array is expected to produce the following glare for this receptor:

- 328 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





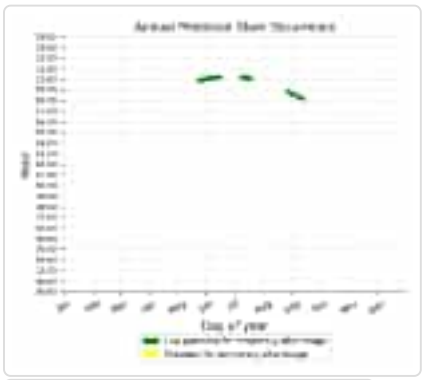


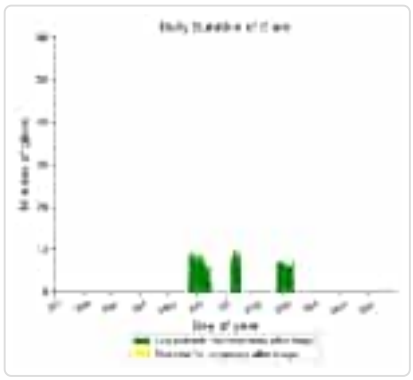


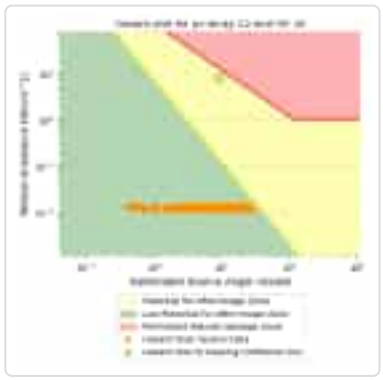
PV array 13: OP 19

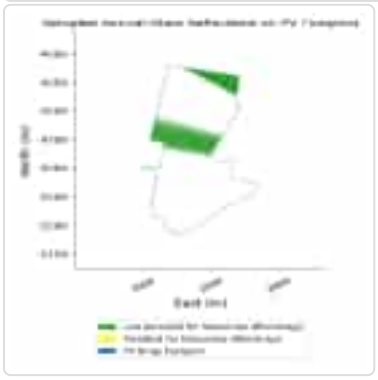
PV array is expected to produce the following glare for this receptor:

- 393 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





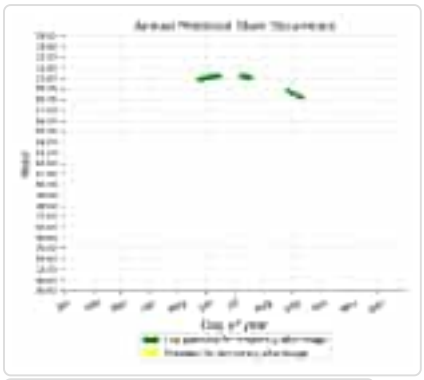


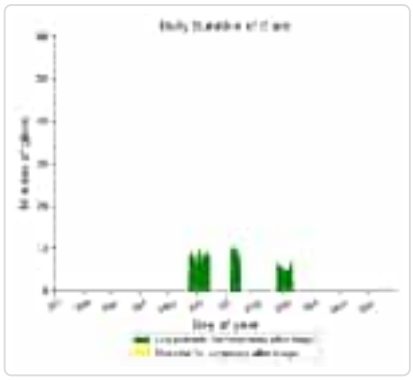


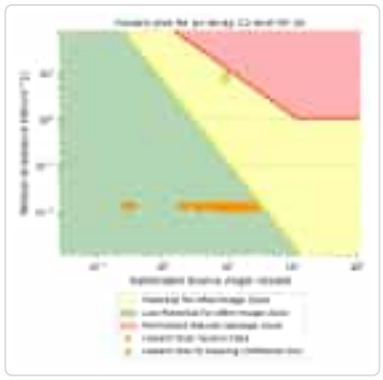
PV array 13: OP 20

PV array is expected to produce the following glare for this receptor:

- 399 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



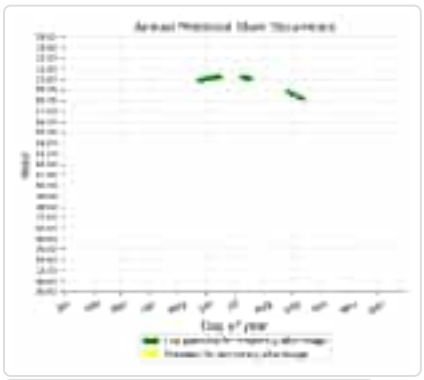


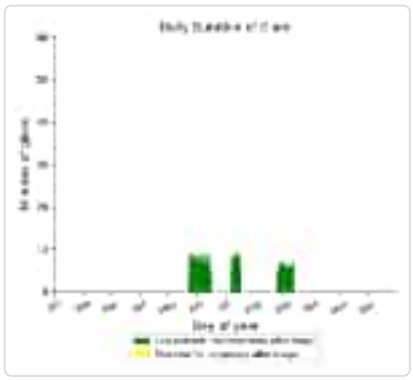


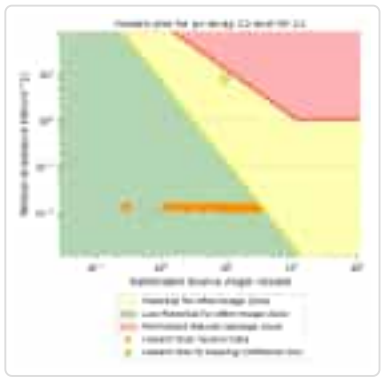
PV array 13: OP 21

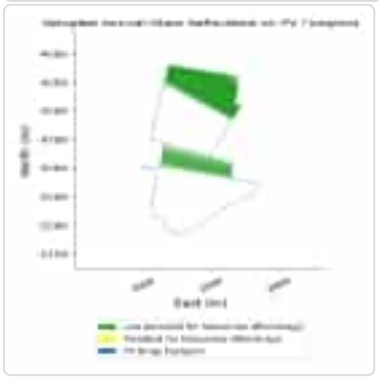
PV array is expected to produce the following glare for this receptor:

- 401 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





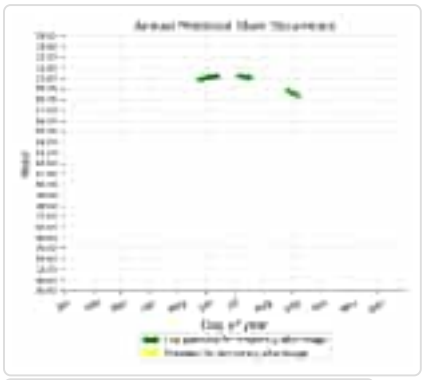


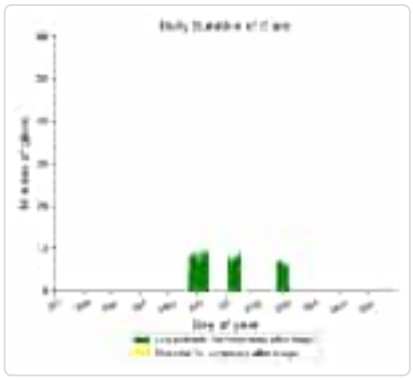


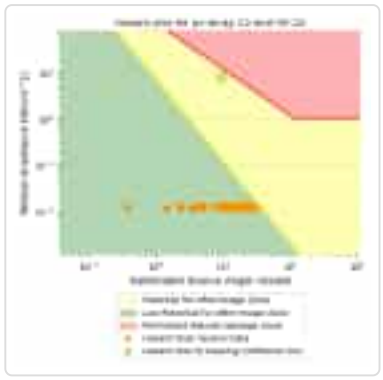
PV array 13: OP 22

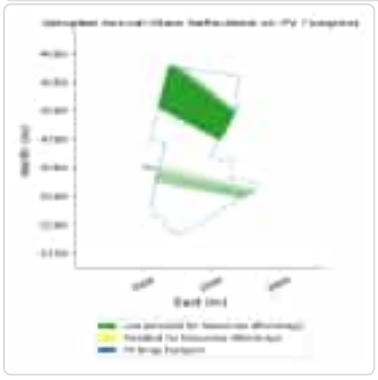
PV array is expected to produce the following glare for this receptor:

- 380 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





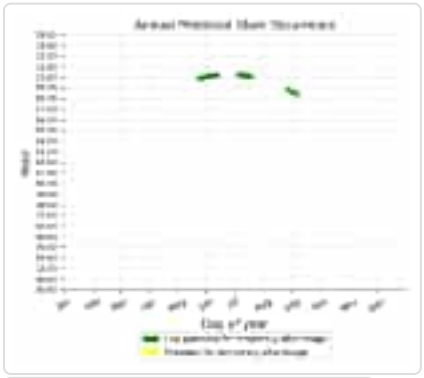


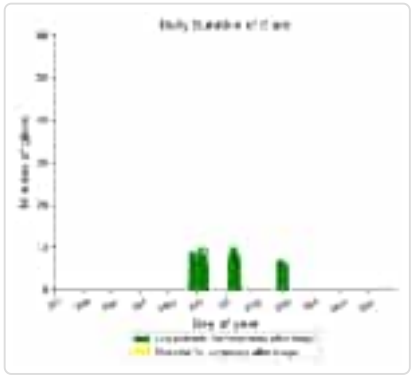


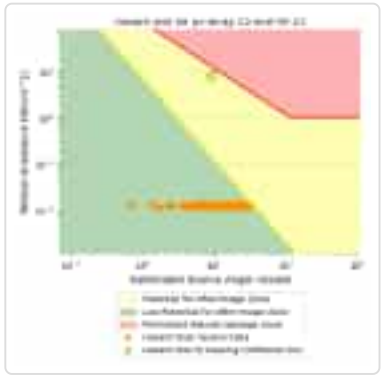
PV array 13: OP 23

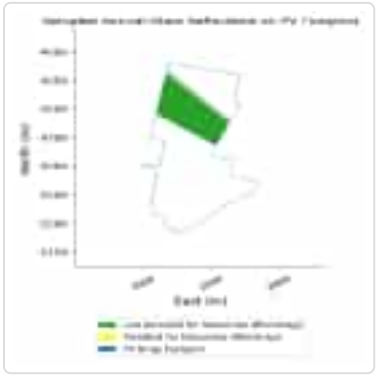
PV array is expected to produce the following glare for this receptor:

- 404 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





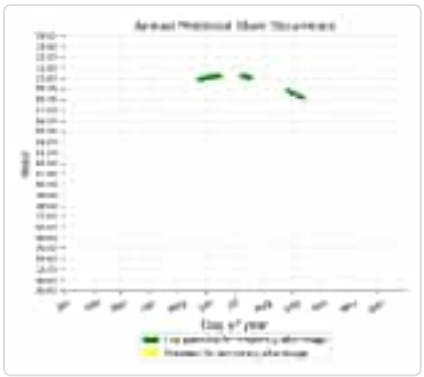


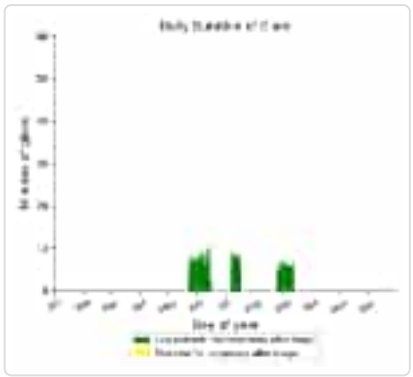


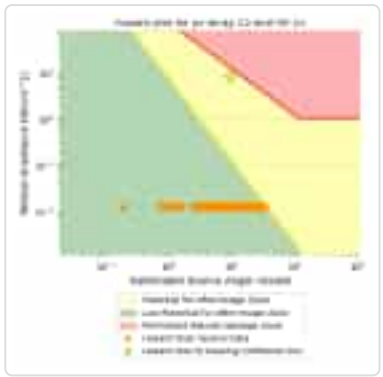
PV array 13: OP 24

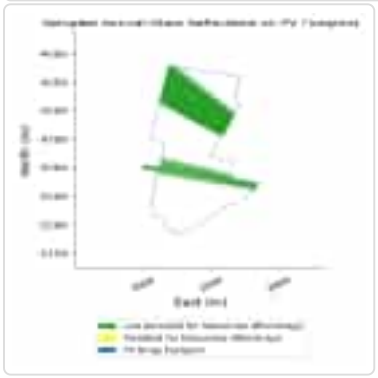
PV array is expected to produce the following glare for this receptor:

- 395 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





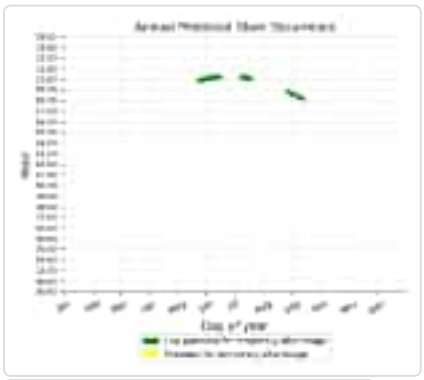


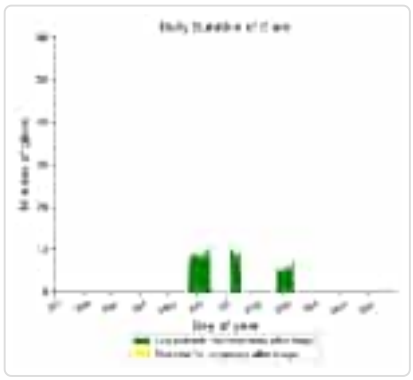


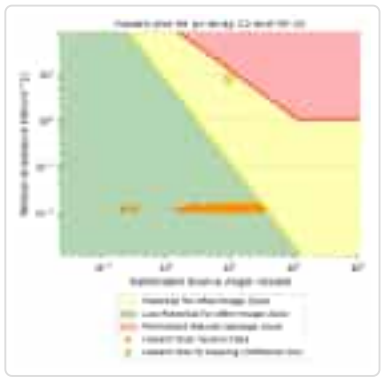
PV array 13: OP 25

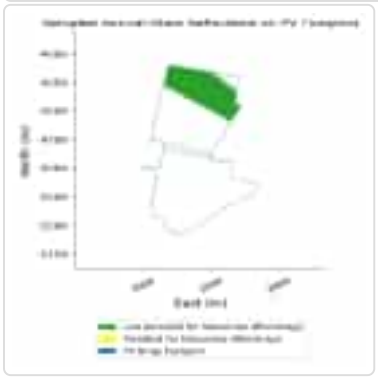
PV array is expected to produce the following glare for this receptor:

- 398 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





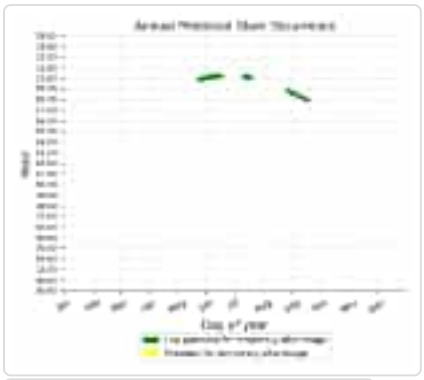


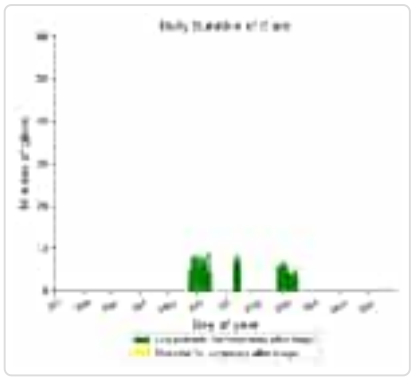


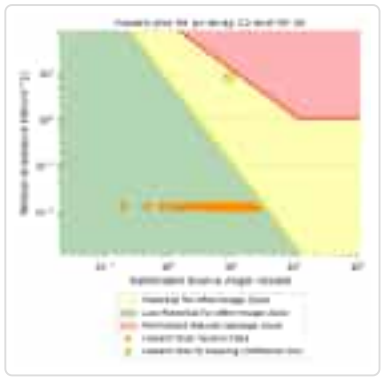
PV array 13: OP 26

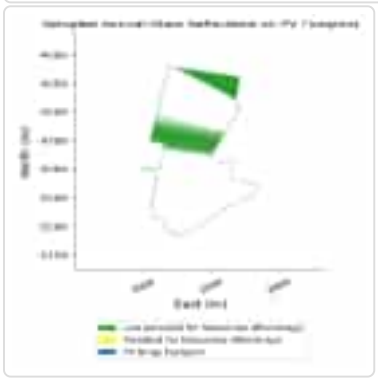
PV array is expected to produce the following glare for this receptor:

- 369 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





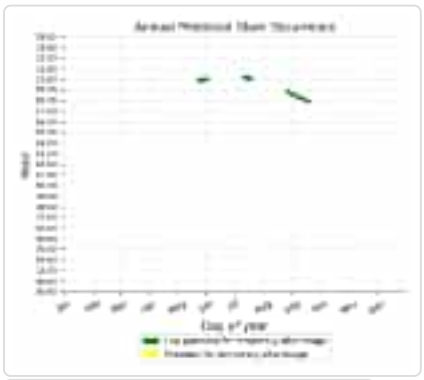


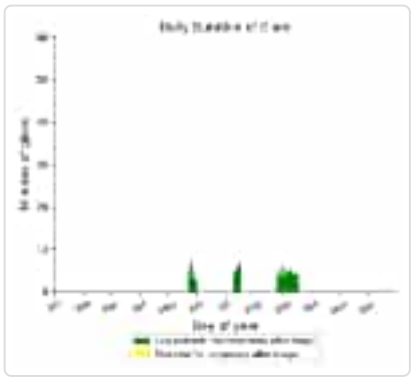


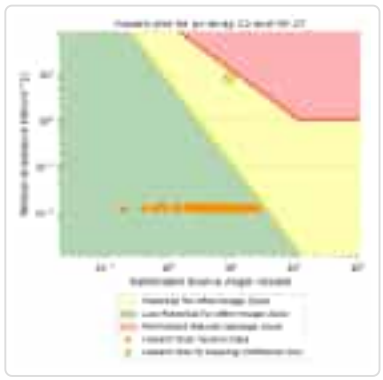
PV array 13: OP 27

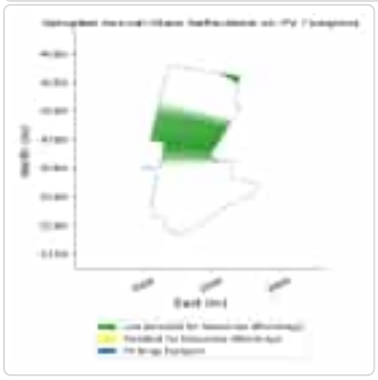
PV array is expected to produce the following glare for this receptor:

- 197 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





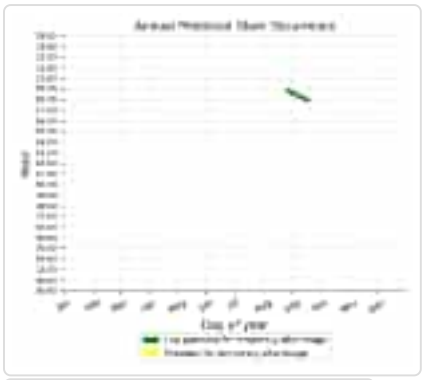


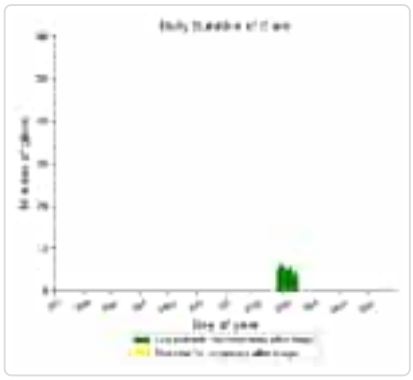


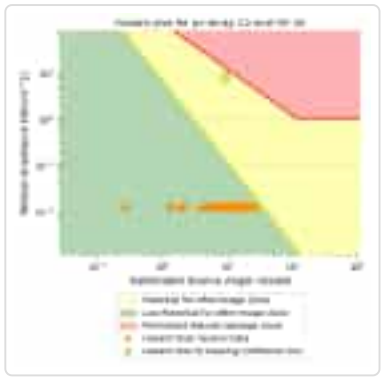
PV array 13: OP 28

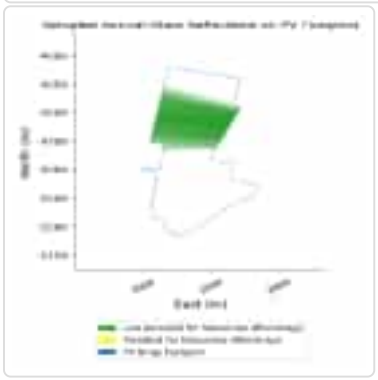
PV array is expected to produce the following glare for this receptor:

- 119 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





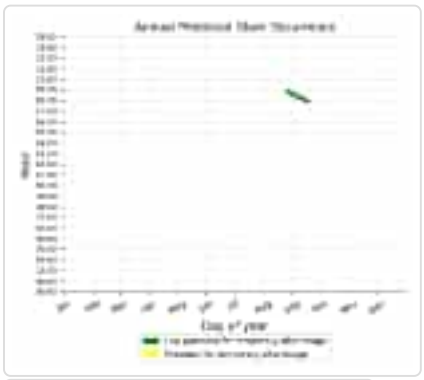


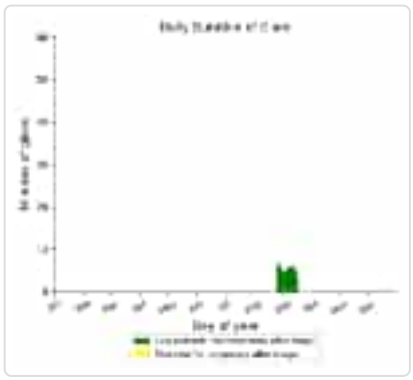


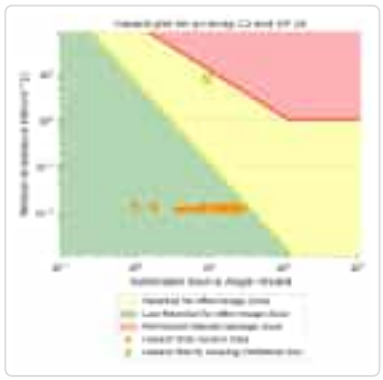
PV array 13: OP 29

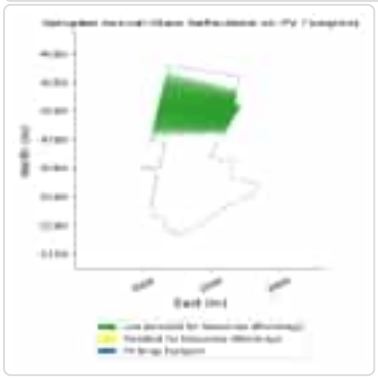
PV array is expected to produce the following glare for this receptor:

- 127 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





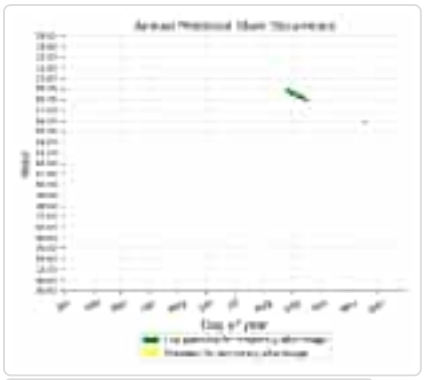


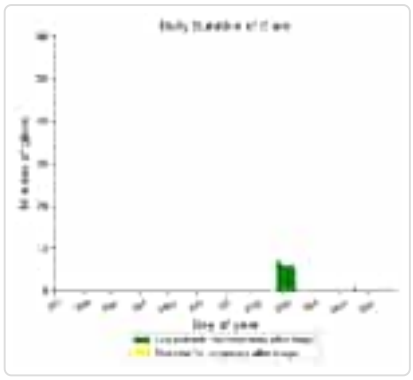


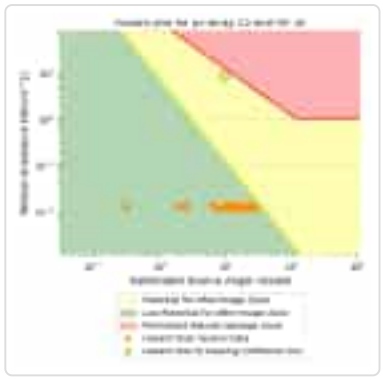
PV array 13: OP 30

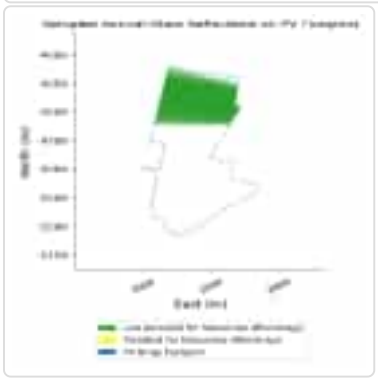
PV array is expected to produce the following glare for this receptor:

- 125 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





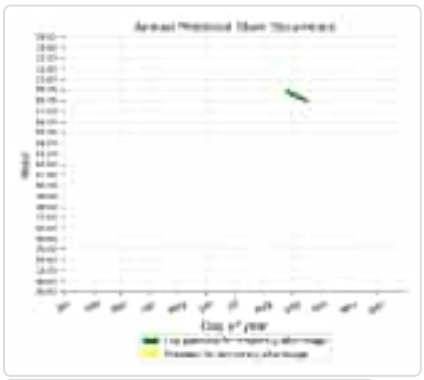


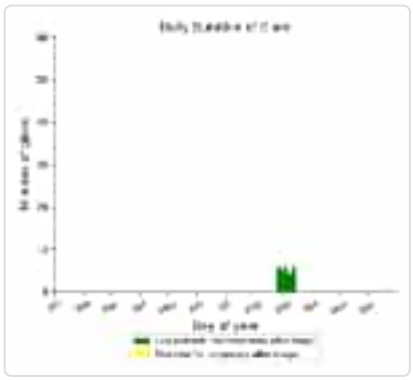


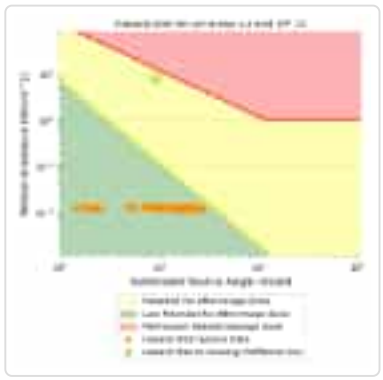
PV array 13: OP 31

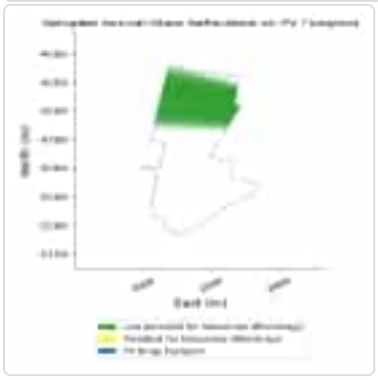
PV array is expected to produce the following glare for this receptor:

- 110 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





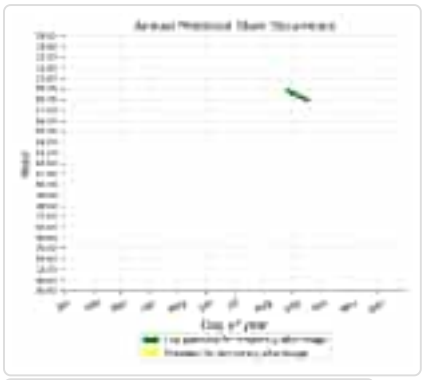


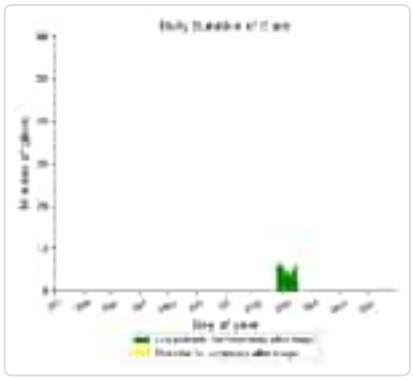


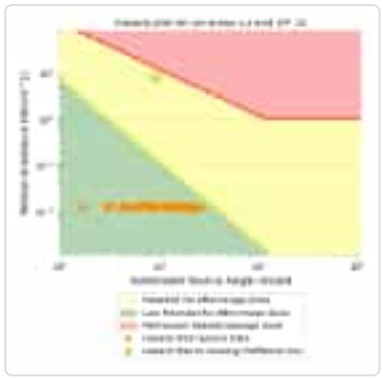
PV array 13: OP 32

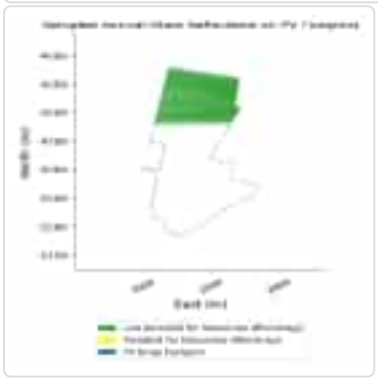
PV array is expected to produce the following glare for this receptor:

- 114 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





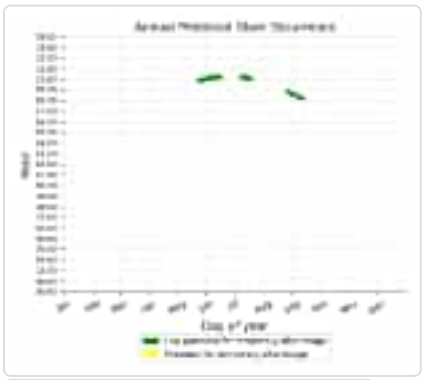


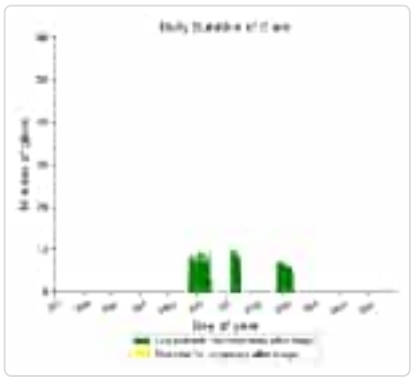


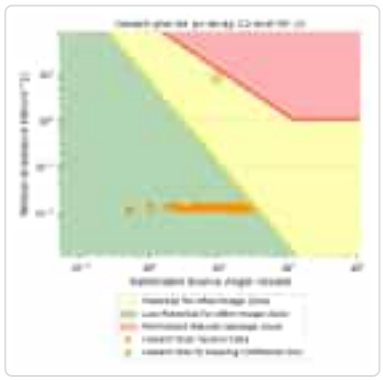
PV array 13: OP 33

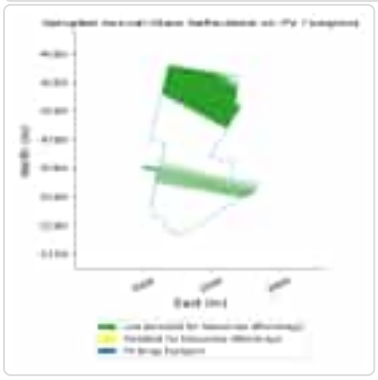
PV array is expected to produce the following glare for this receptor:

- 405 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





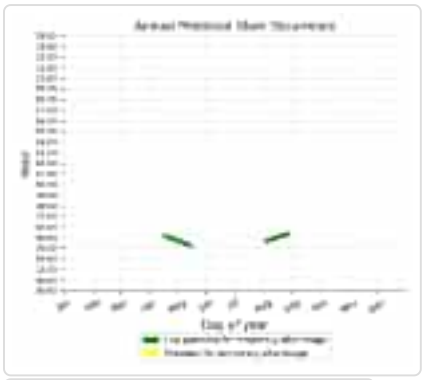


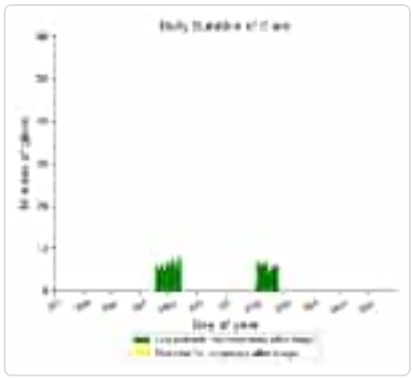


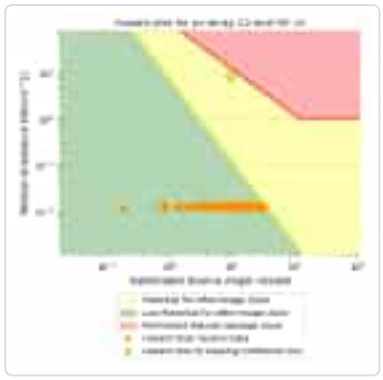
PV array 13: OP 34

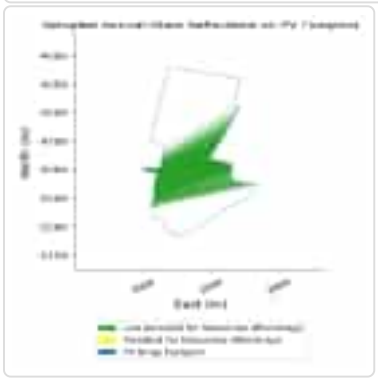
PV array is expected to produce the following glare for this receptor:

- 326 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





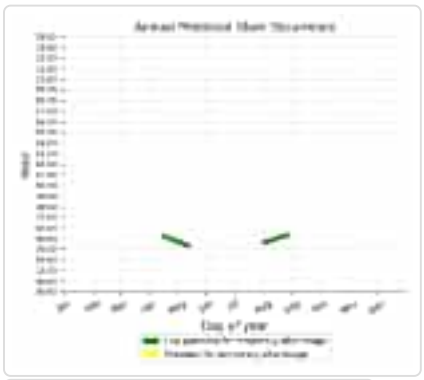


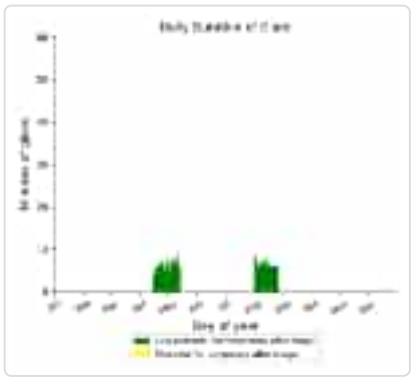


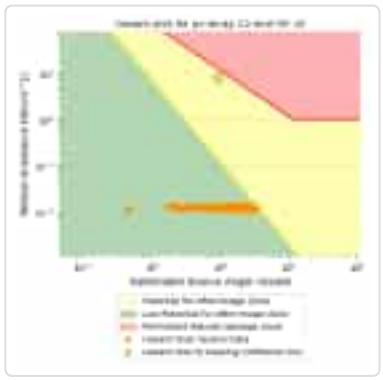
PV array 13: OP 35

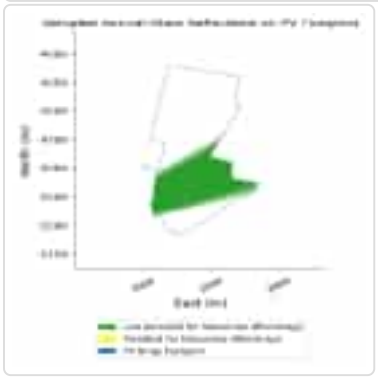
PV array is expected to produce the following glare for this receptor:

- 371 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





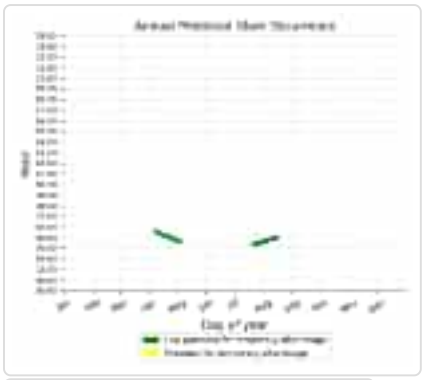


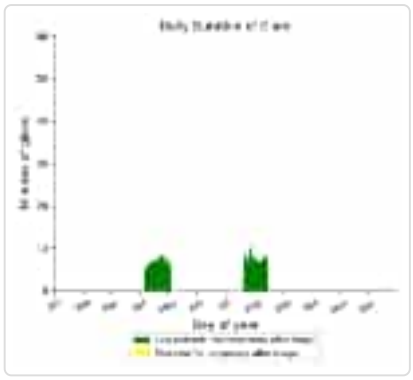


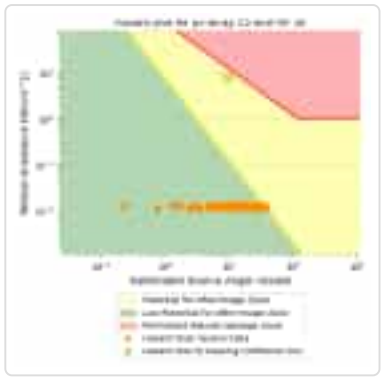
PV array 13: OP 36

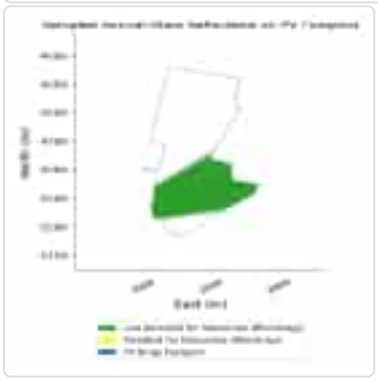
PV array is expected to produce the following glare for this receptor:

- 400 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





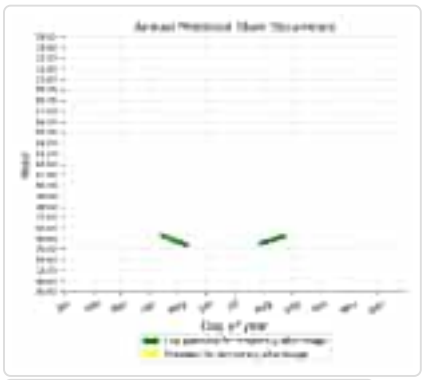


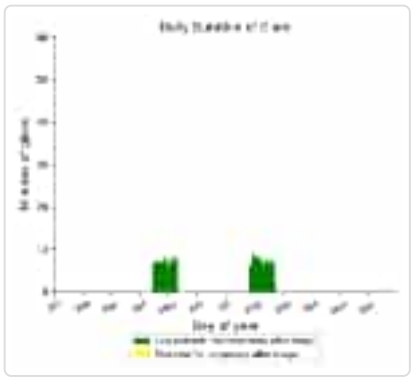


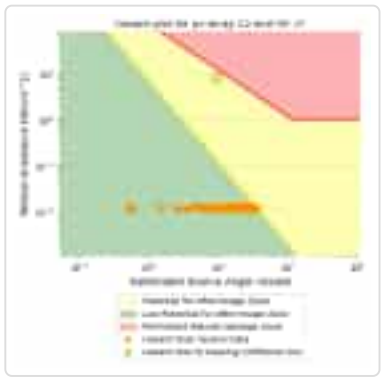
PV array 13: OP 37

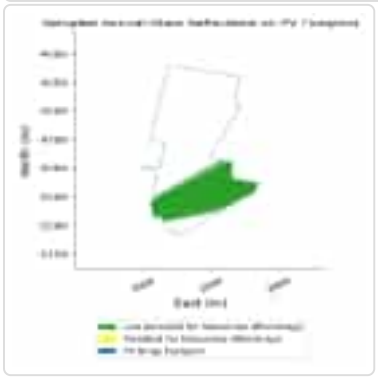
PV array is expected to produce the following glare for this receptor:

- 400 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





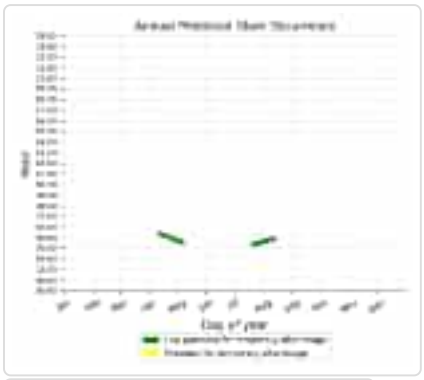


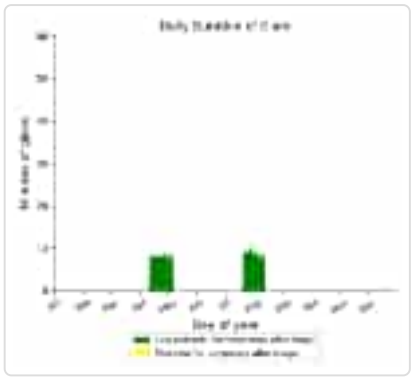


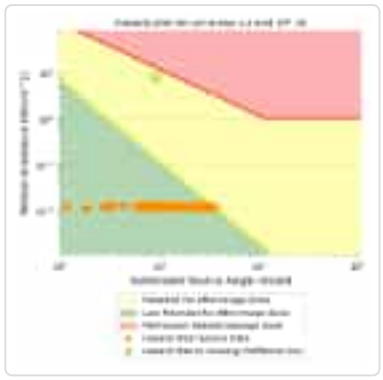
PV array 13: OP 38

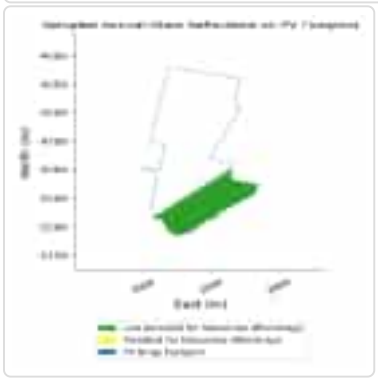
PV array is expected to produce the following glare for this receptor:

- 408 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





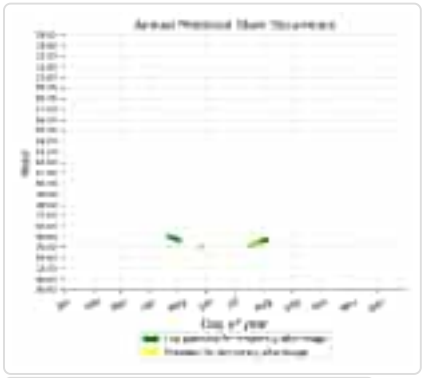


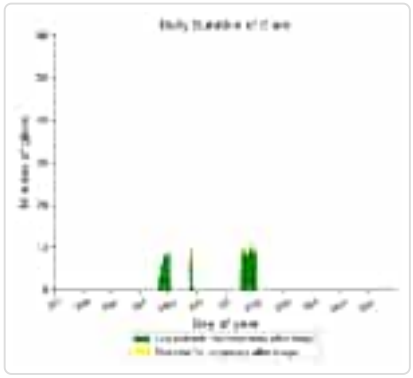


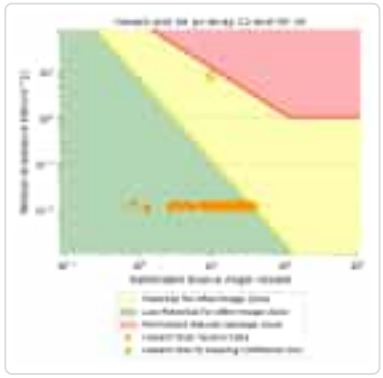
PV array 13: OP 39

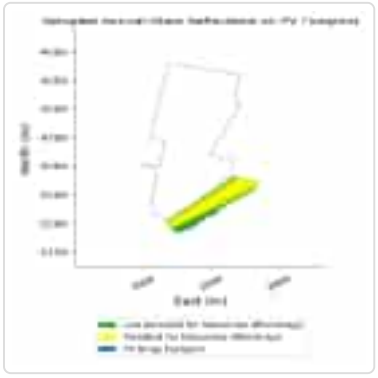
PV array is expected to produce the following glare for this receptor:

- 267 minutes of "green" glare with low potential to cause temporary after-image.
- 13 minutes of "yellow" glare with potential to cause temporary after-image.





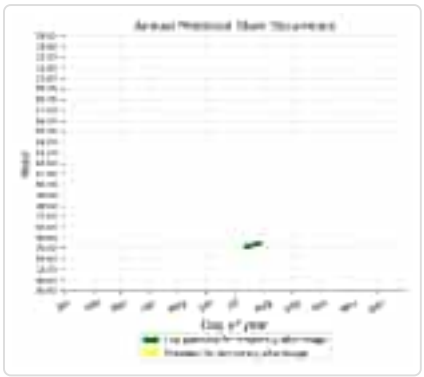


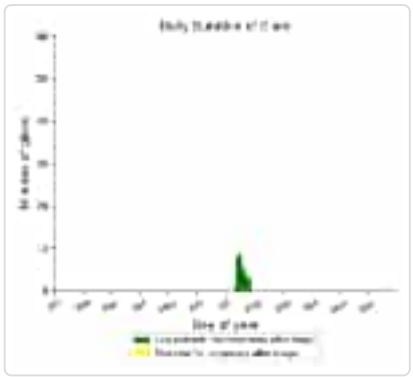


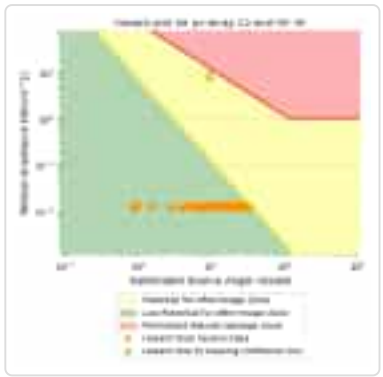
PV array 13: OP 40

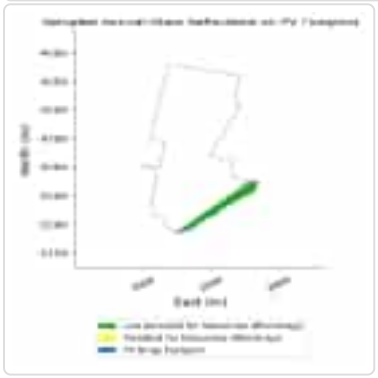
PV array is expected to produce the following glare for this receptor:

- 98 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





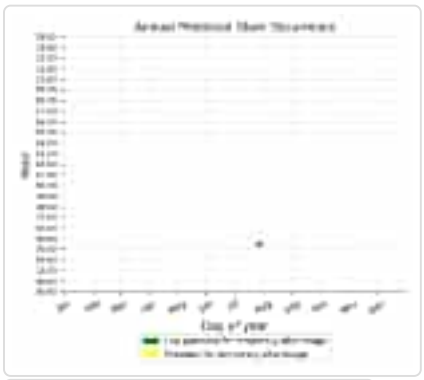


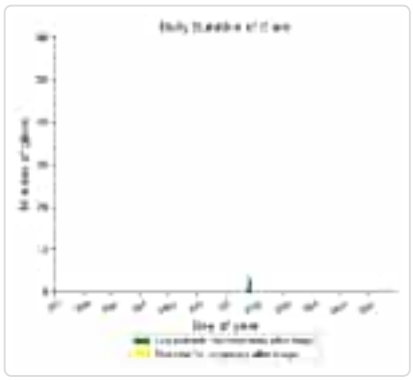


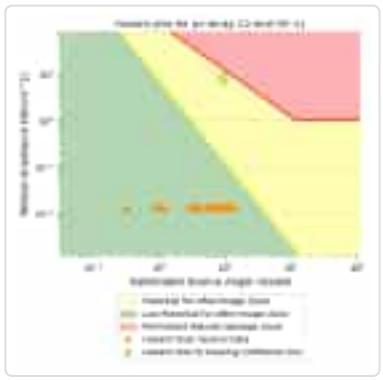
PV array 13: OP 41

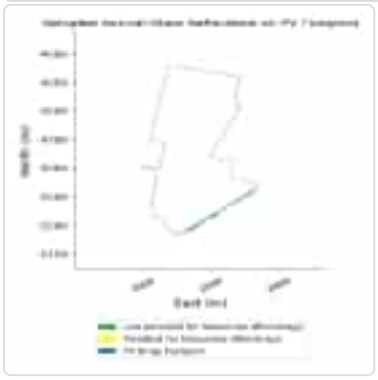
PV array is expected to produce the following glare for this receptor:

- 16 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





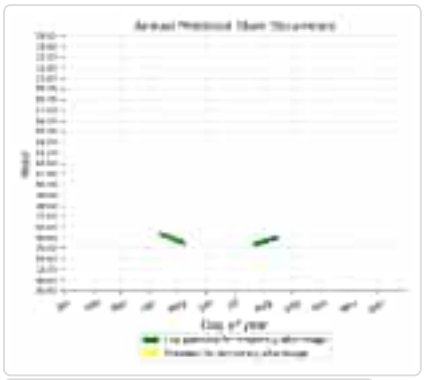


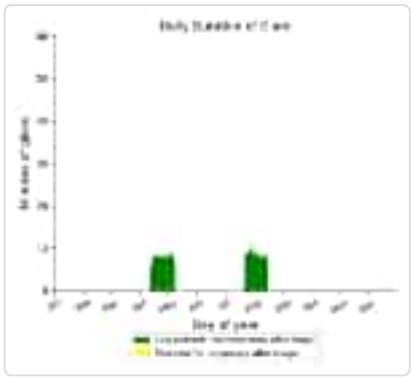


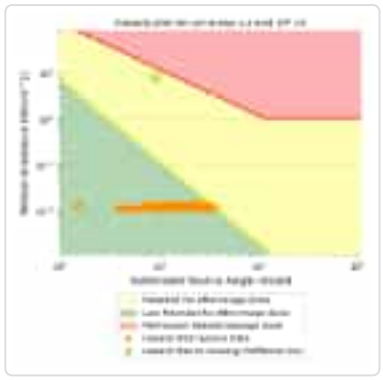
PV array 13: OP 42

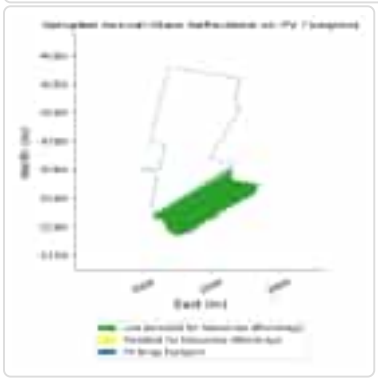
PV array is expected to produce the following glare for this receptor:

- 412 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





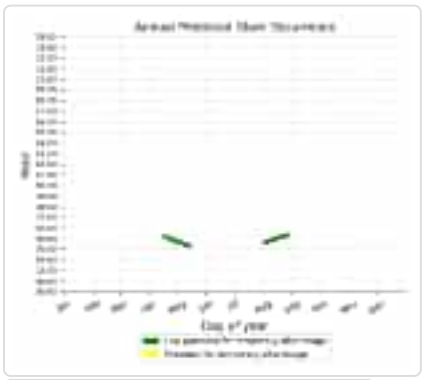


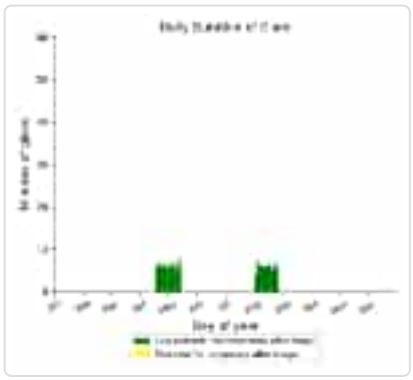


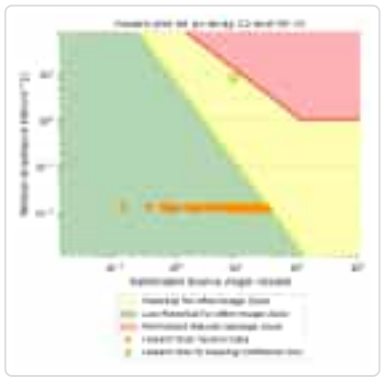
PV array 13: OP 43

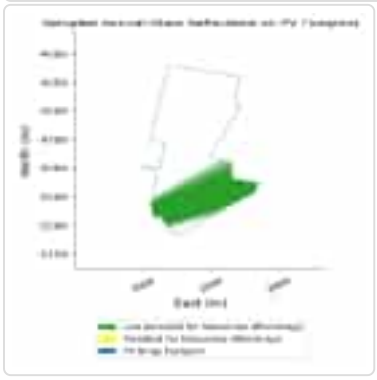
PV array is expected to produce the following glare for this receptor:

- 334 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	37	0
OP: OP 10	15	0
OP: OP 11	19	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0

OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	18	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

PV array 14: OP 1

No glare found

PV array 14: OP 2

No glare found

PV array 14: OP 3

No glare found

PV array 14: OP 4

No glare found

PV array 14: OP 5

No glare found

PV array 14: OP 6

No glare found

PV array 14: OP 7

No glare found

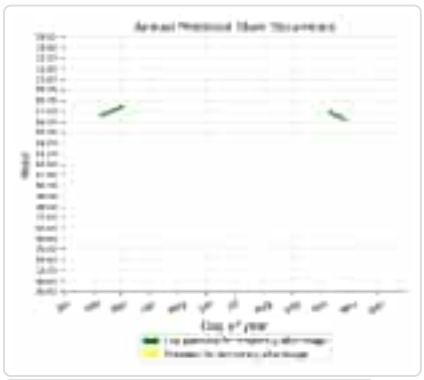
PV array 14: OP 8

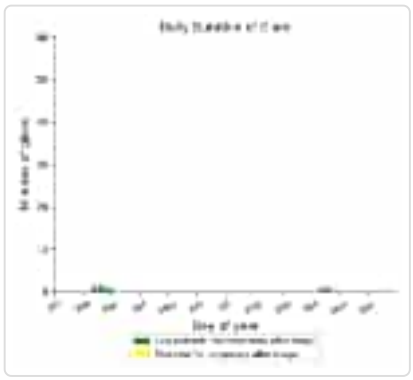
No glare found

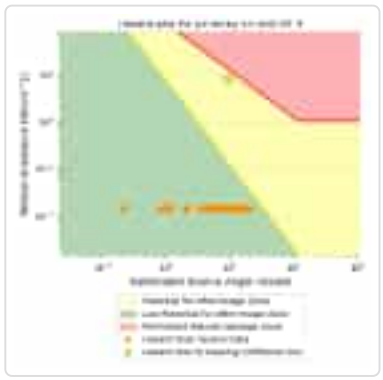
PV array 14: OP 9

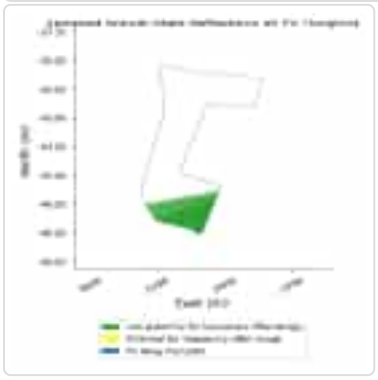
PV array is expected to produce the following glare for this receptor:

- 37 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





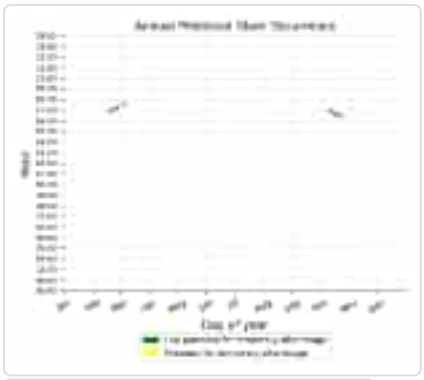


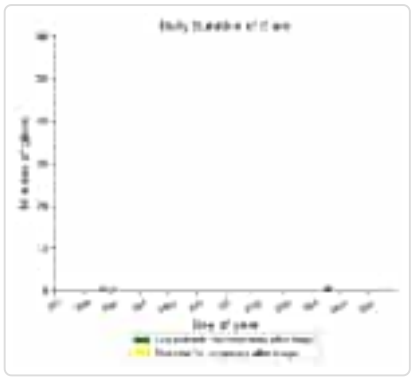


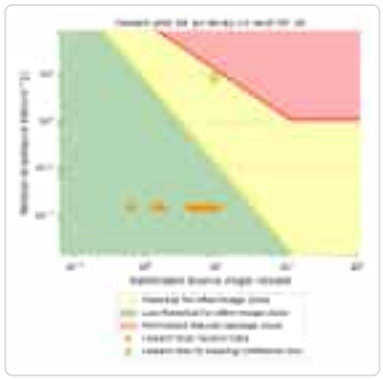
PV array 14: OP 10

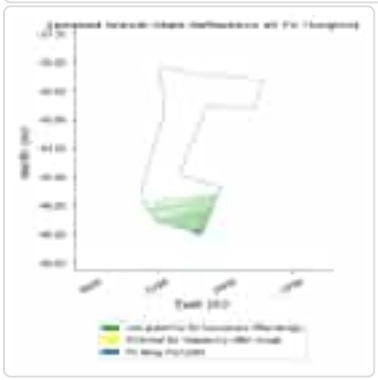
PV array is expected to produce the following glare for this receptor:

- 15 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





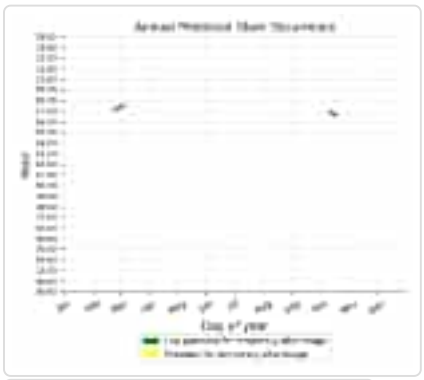


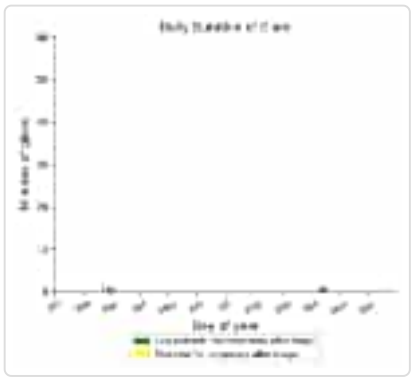


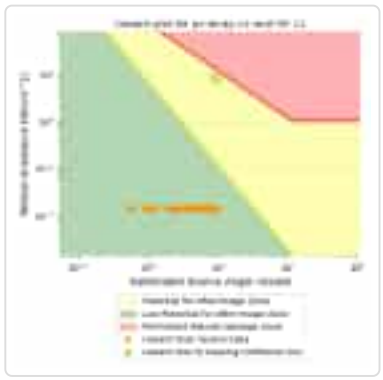
PV array 14: OP 11

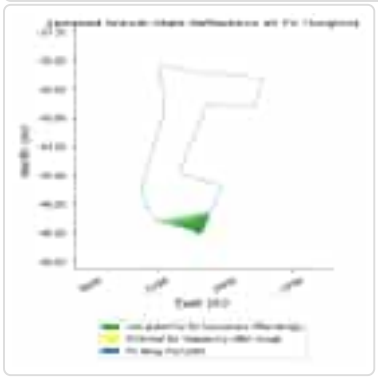
PV array is expected to produce the following glare for this receptor:

- 19 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14: OP 12

No glare found

PV array 14: OP 13

No glare found

PV array 14: OP 14

No glare found

PV array 14: OP 15

No glare found

PV array 14: OP 16

No glare found

PV array 14: OP 17

No glare found

PV array 14: OP 18

No glare found

PV array 14: OP 19

No glare found

PV array 14: OP 20

No glare found

PV array 14: OP 21

No glare found

PV array 14: OP 22

No glare found

PV array 14: OP 23

No glare found

PV array 14: OP 24

No glare found

PV array 14: OP 25

No glare found

PV array 14: OP 26

No glare found

PV array 14: OP 27

No glare found

PV array 14: OP 28

No glare found

PV array 14: OP 29

No glare found

PV array 14: OP 30

No glare found

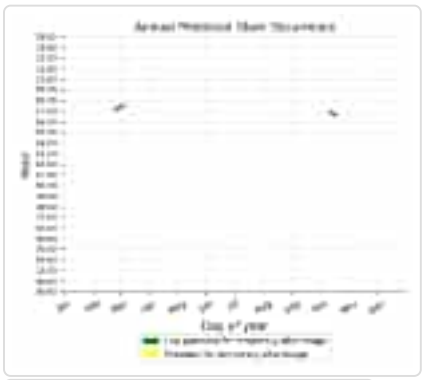
PV array 14: OP 31

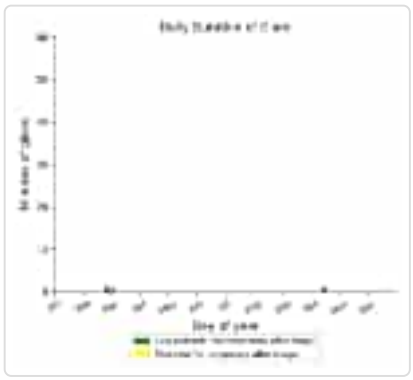
No glare found

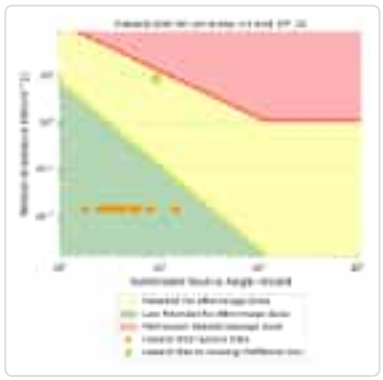
PV array 14: OP 32

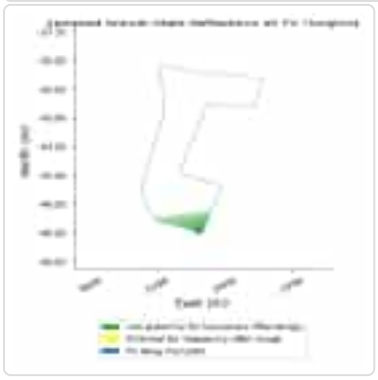
PV array is expected to produce the following glare for this receptor:

- 18 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14: OP 33

No glare found

PV array 14: OP 34

No glare found

PV array 14: OP 35

No glare found

PV array 14: OP 36

No glare found

PV array 14: OP 37

No glare found

PV array 14: OP 38

No glare found

PV array 14: OP 39

No glare found

PV array 14: OP 40

No glare found

PV array 14: OP 41

No glare found

PV array 14: OP 42

No glare found

PV array 14: OP 43

No glare found

PV array 15 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	822	0
OP: OP 10	611	0
OP: OP 11	454	0
OP: OP 12	419	0
OP: OP 13	328	0
OP: OP 14	316	0
OP: OP 15	68	0
OP: OP 16	120	0
OP: OP 17	23	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	89	0
OP: OP 27	230	0
OP: OP 28	731	0
OP: OP 29	1051	7
OP: OP 30	1158	0
OP: OP 31	776	0
OP: OP 32	646	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

PV array 15: OP 1

No glare found

PV array 15: OP 2

No glare found

PV array 15: OP 3

No glare found

PV array 15: OP 4

No glare found

PV array 15: OP 5

No glare found

PV array 15: OP 6

No glare found

PV array 15: OP 7

No glare found

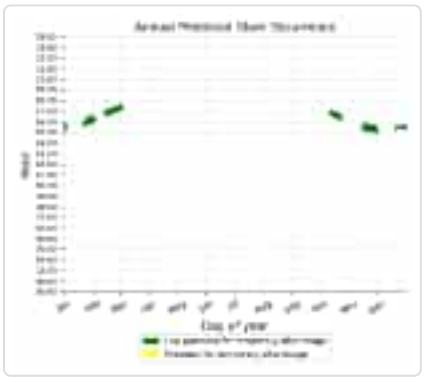
PV array 15: OP 8

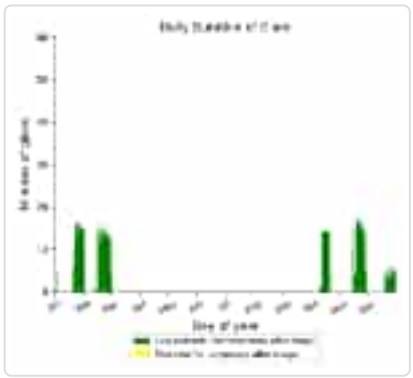
No glare found

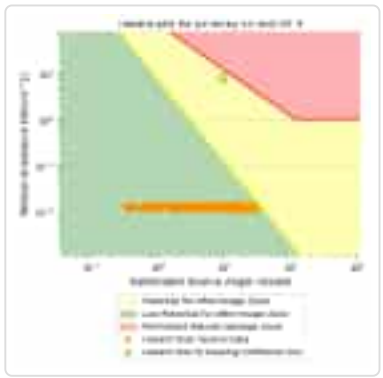
PV array 15: OP 9

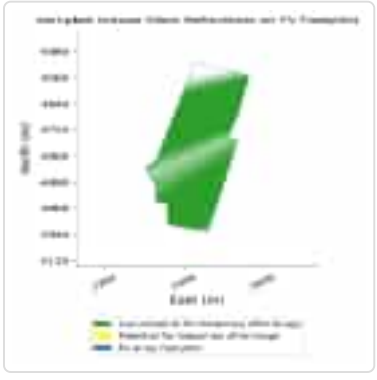
PV array is expected to produce the following glare for this receptor:

- 822 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





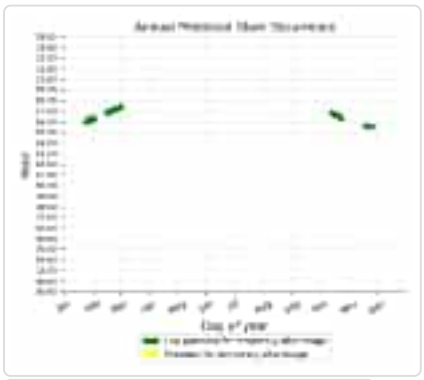


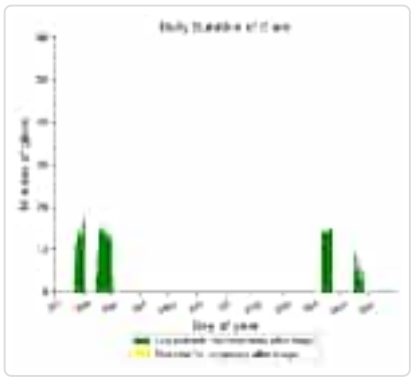


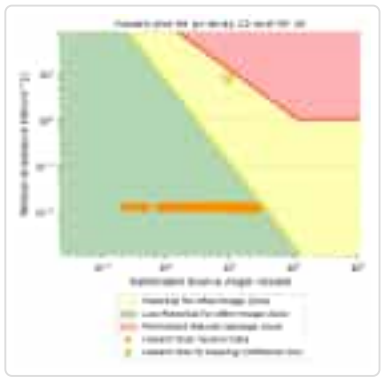
PV array 15: OP 10

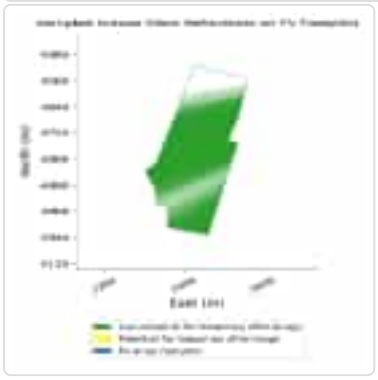
PV array is expected to produce the following glare for this receptor:

- 611 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





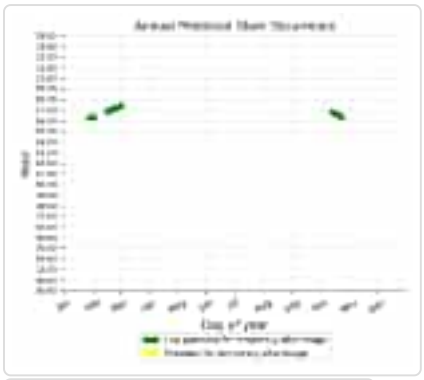


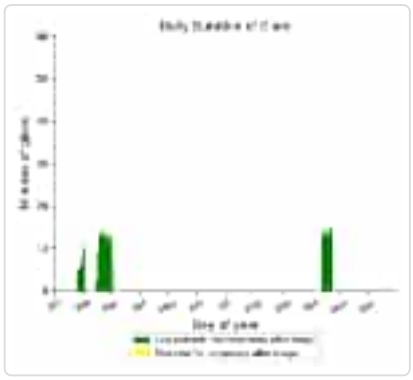


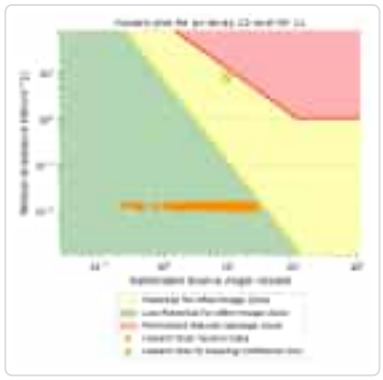
PV array 15: OP 11

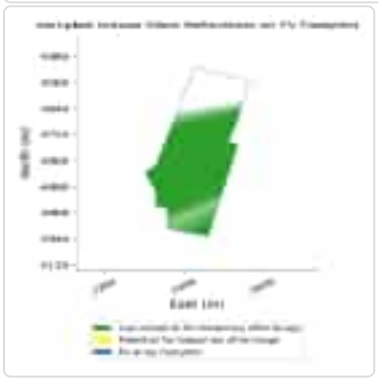
PV array is expected to produce the following glare for this receptor:

- 454 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





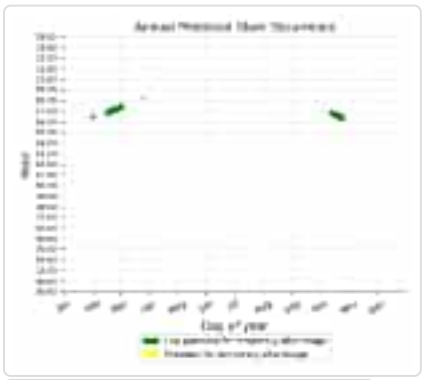


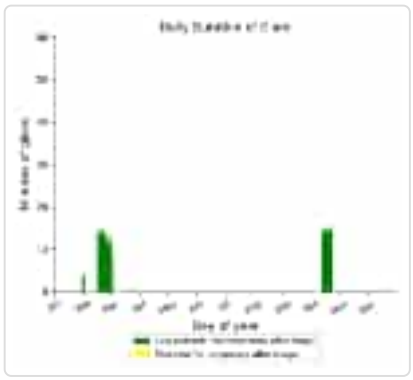


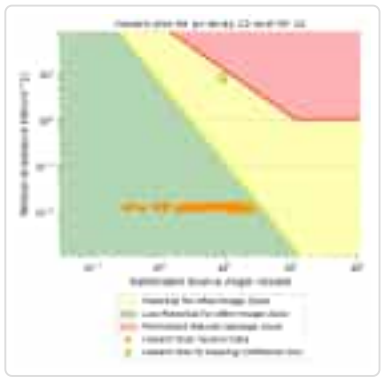
PV array 15: OP 12

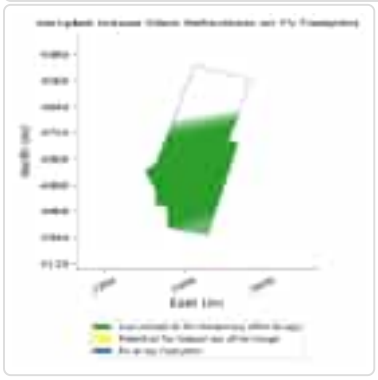
PV array is expected to produce the following glare for this receptor:

- 419 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





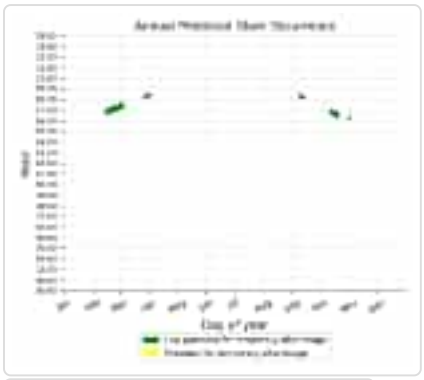


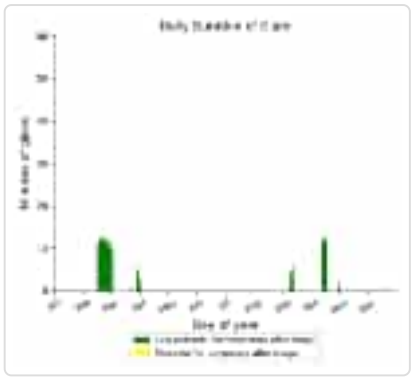


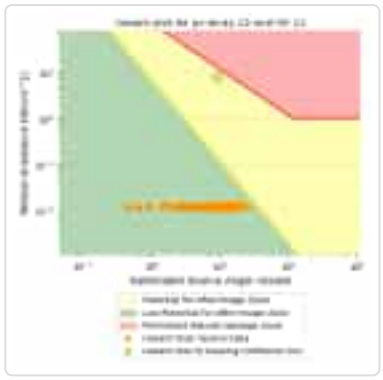
PV array 15: OP 13

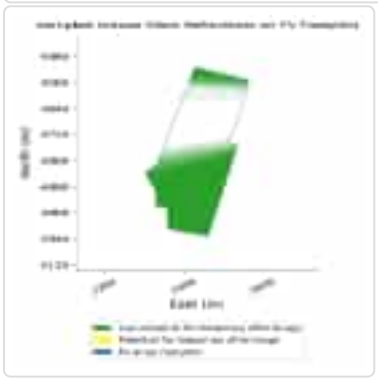
PV array is expected to produce the following glare for this receptor:

- 328 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





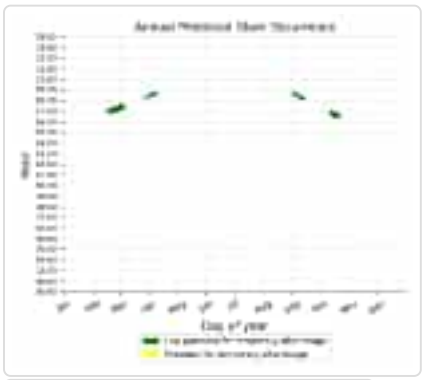


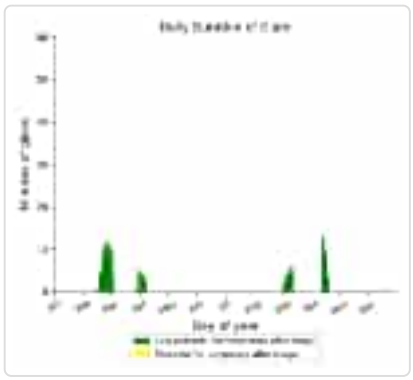


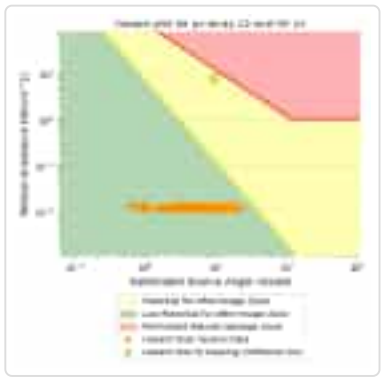
PV array 15: OP 14

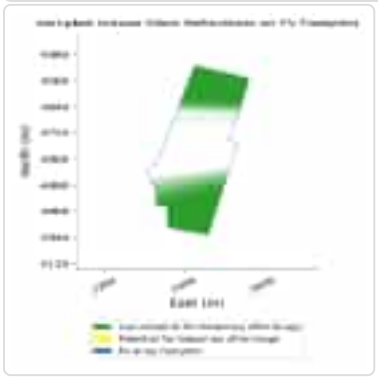
PV array is expected to produce the following glare for this receptor:

- 316 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





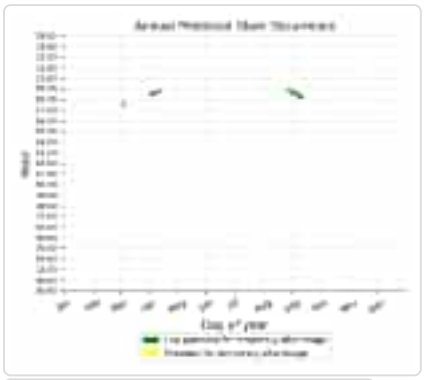


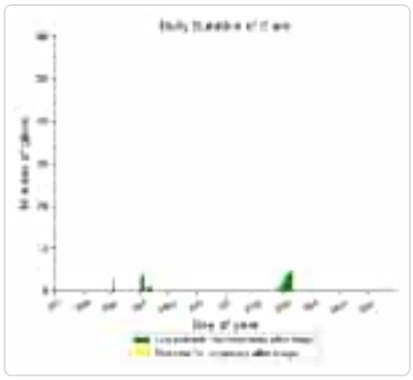


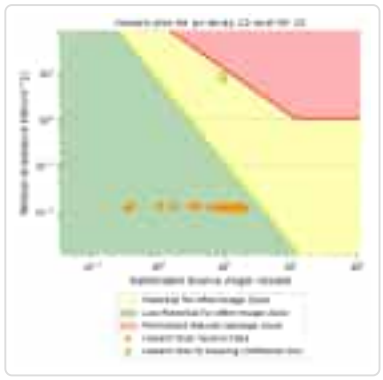
PV array 15: OP 15

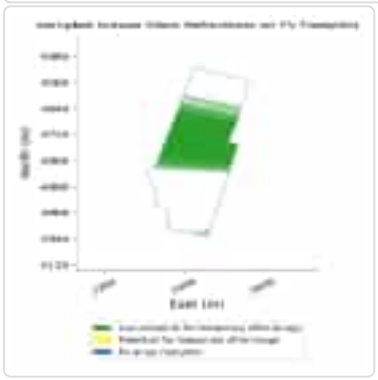
PV array is expected to produce the following glare for this receptor:

- 68 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





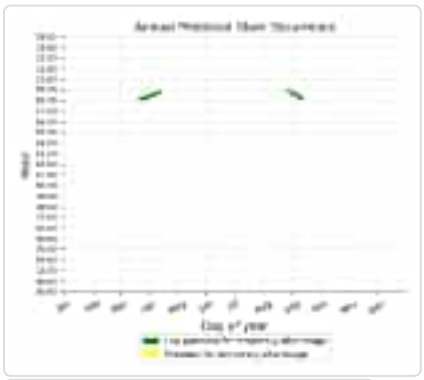


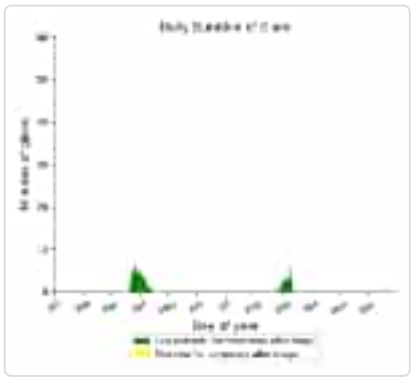


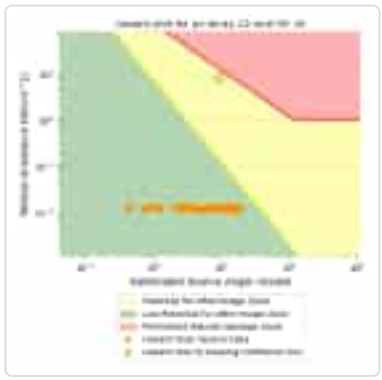
PV array 15: OP 16

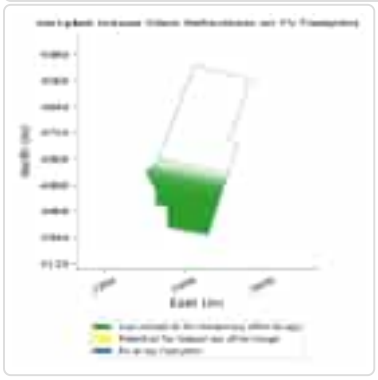
PV array is expected to produce the following glare for this receptor:

- 120 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





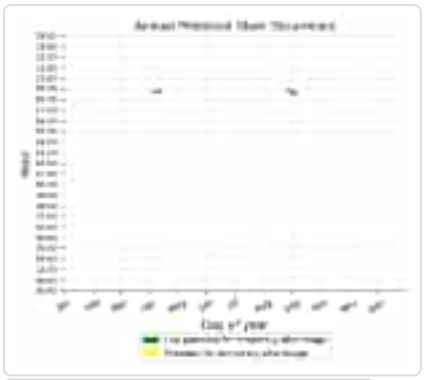


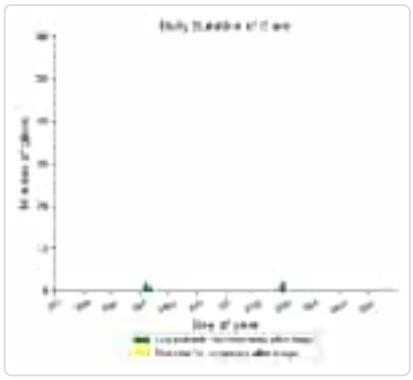


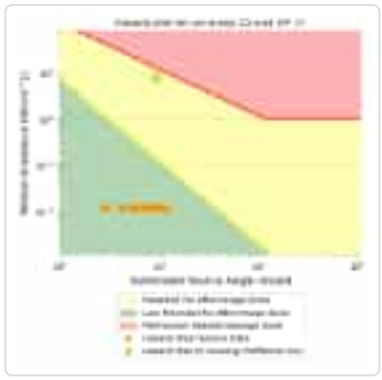
PV array 15: OP 17

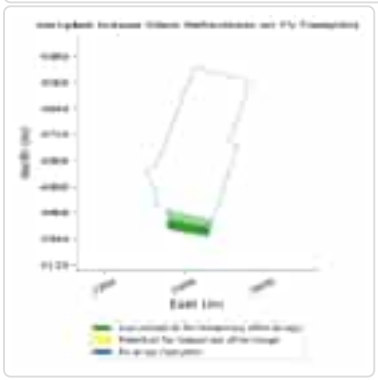
PV array is expected to produce the following glare for this receptor:

- 23 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 18

No glare found

PV array 15: OP 19

No glare found

PV array 15: OP 20

No glare found

PV array 15: OP 21

No glare found

PV array 15: OP 22

No glare found

PV array 15: OP 23

No glare found

PV array 15: OP 24

No glare found

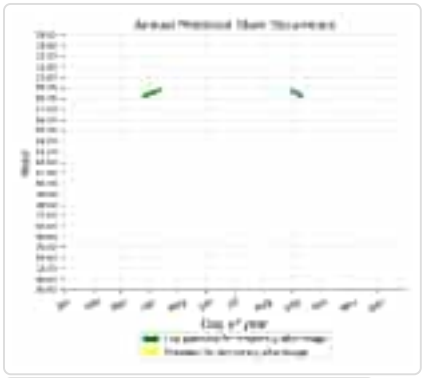
PV array 15: OP 25

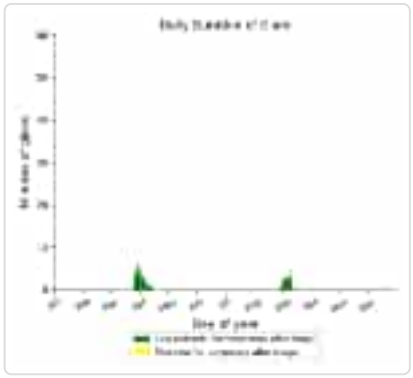
No glare found

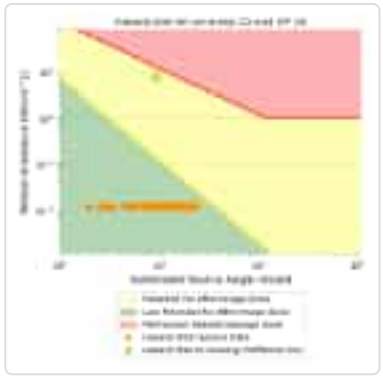
PV array 15: OP 26

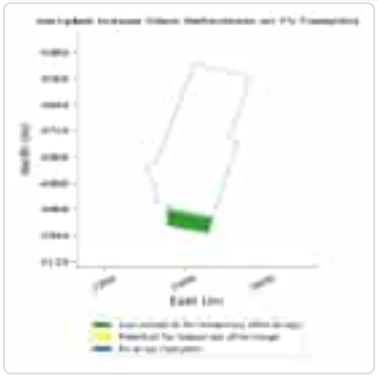
PV array is expected to produce the following glare for this receptor:

- 89 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





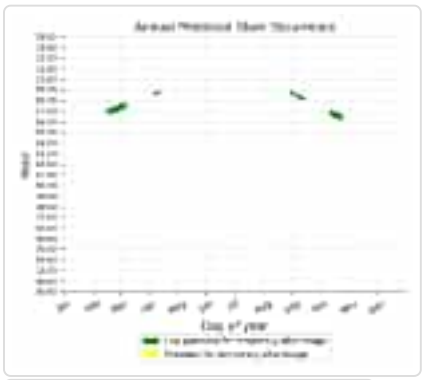


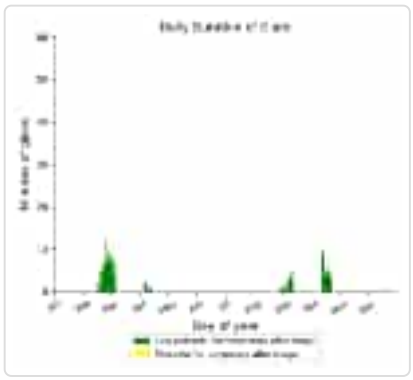


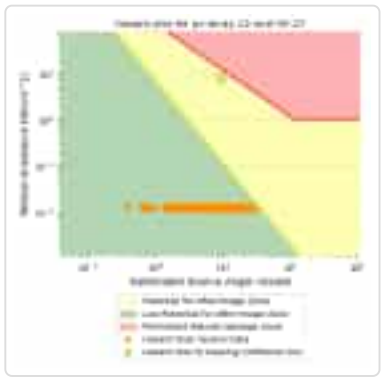
PV array 15: OP 27

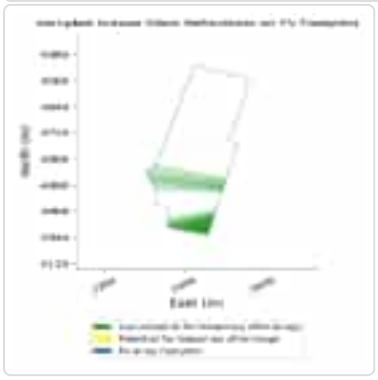
PV array is expected to produce the following glare for this receptor:

- 230 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





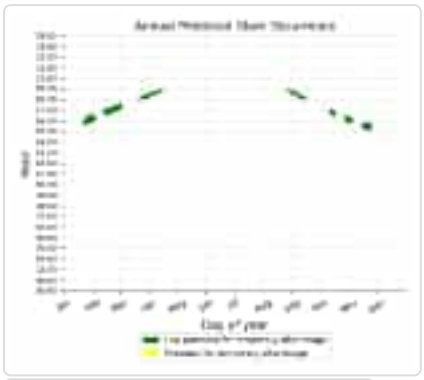


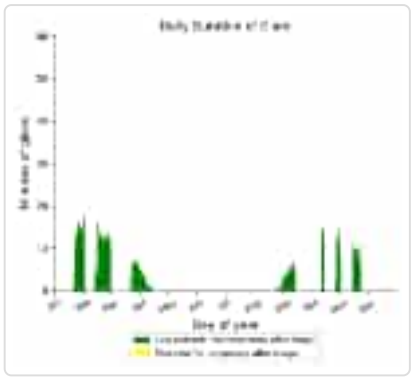


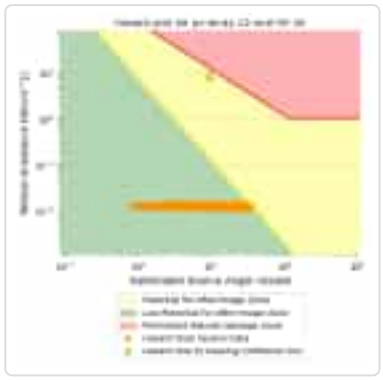
PV array 15: OP 28

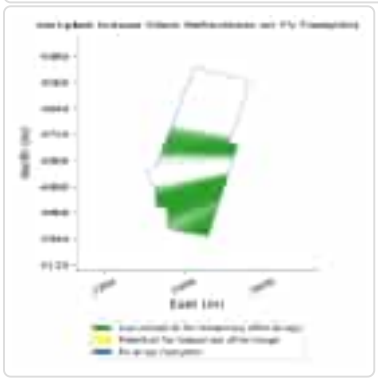
PV array is expected to produce the following glare for this receptor:

- 731 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





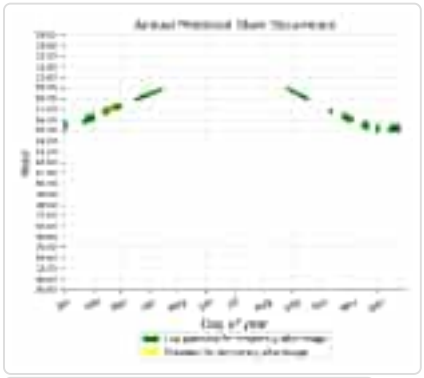


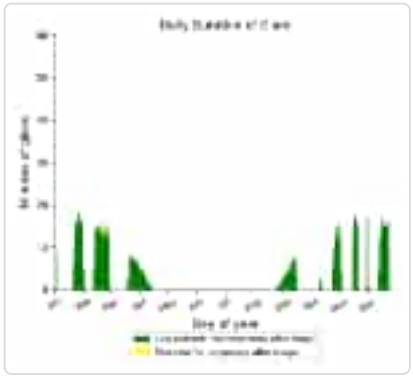


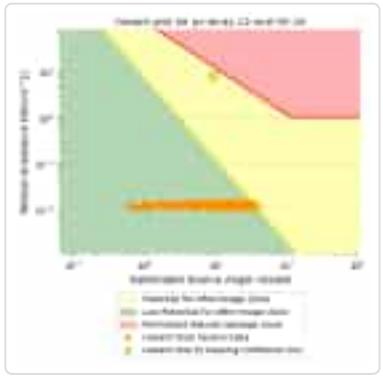
PV array 15: OP 29

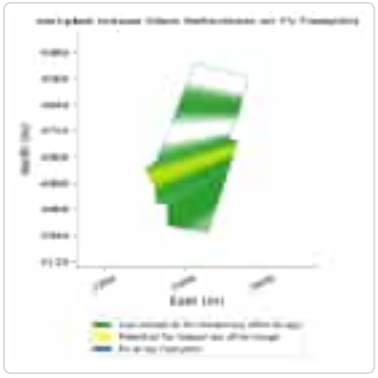
PV array is expected to produce the following glare for this receptor:

- 1,051 minutes of "green" glare with low potential to cause temporary after-image.
- 7 minutes of "yellow" glare with potential to cause temporary after-image.





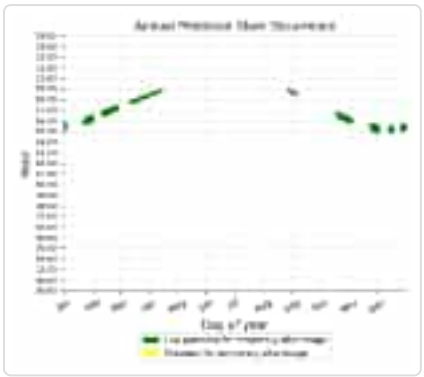


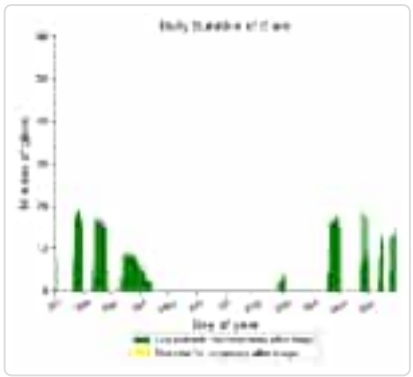


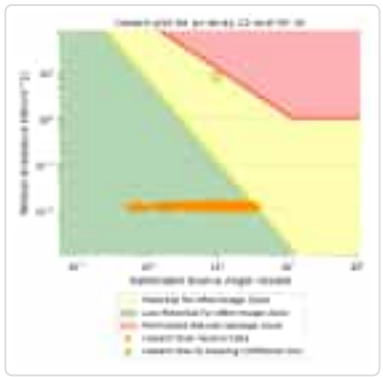
PV array 15: OP 30

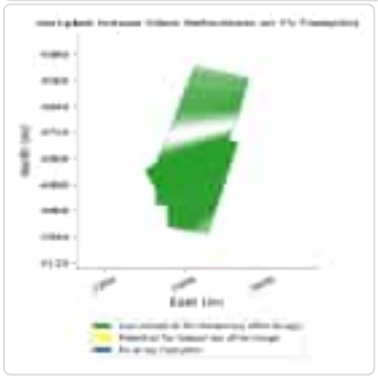
PV array is expected to produce the following glare for this receptor:

- 1,158 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





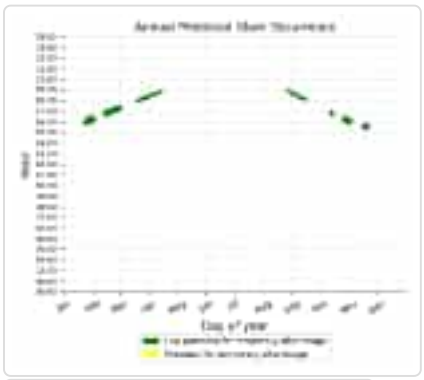


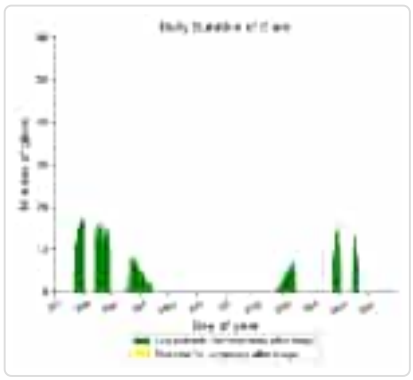


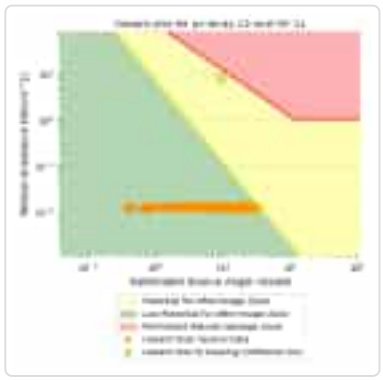
PV array 15: OP 31

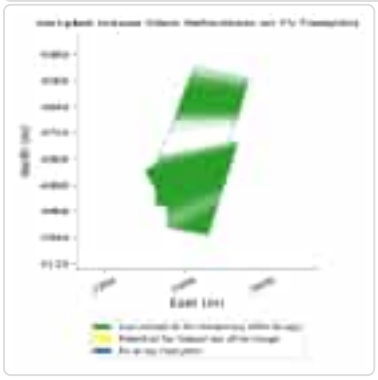
PV array is expected to produce the following glare for this receptor:

- 776 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





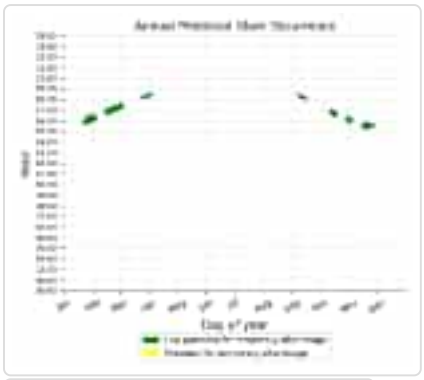


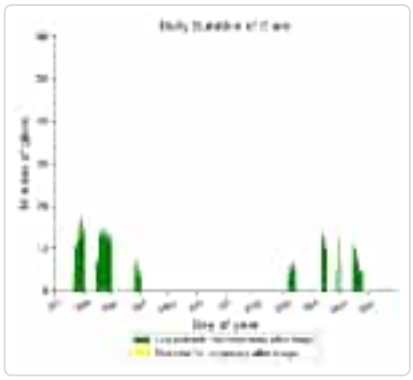


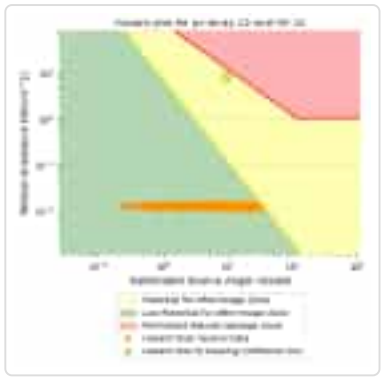
PV array 15: OP 32

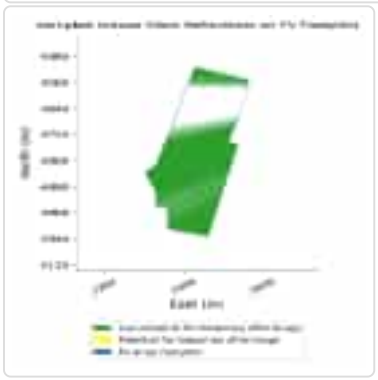
PV array is expected to produce the following glare for this receptor:

- 646 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 33

No glare found

PV array 15: OP 34

No glare found

PV array 15: OP 35

No glare found

PV array 15: OP 36

No glare found

PV array 15: OP 37

No glare found

PV array 15: OP 38

No glare found

PV array 15: OP 39

No glare found

PV array 15: OP 40

No glare found

PV array 15: OP 41

No glare found

PV array 15: OP 42

No glare found

PV array 15: OP 43

No glare found

PV array 2 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

No glare found

PV array 3 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)

OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	18	0
OP: OP 8	138	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

PV array 3: OP 1

No glare found

PV array 3: OP 2

No glare found

PV array 3: OP 3

No glare found

PV array 3: OP 4

No glare found

PV array 3: OP 5

No glare found

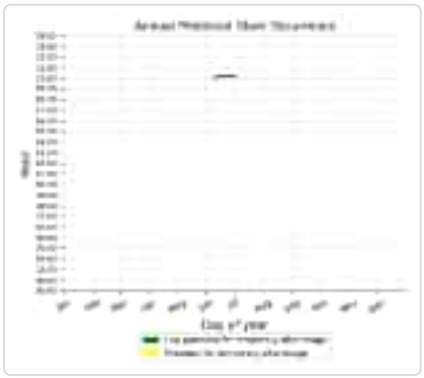
PV array 3: OP 6

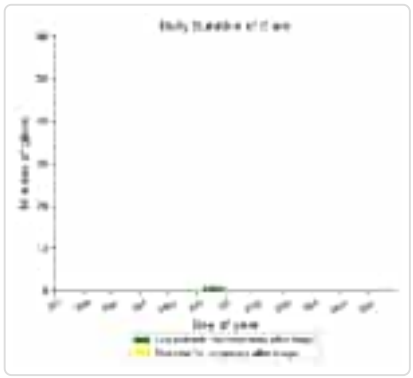
No glare found

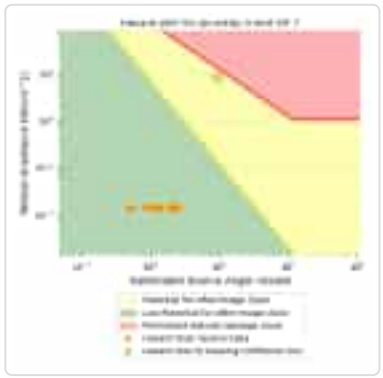
PV array 3: OP 7

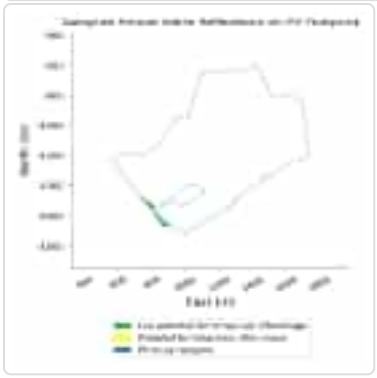
PV array is expected to produce the following glare for this receptor:

- 18 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





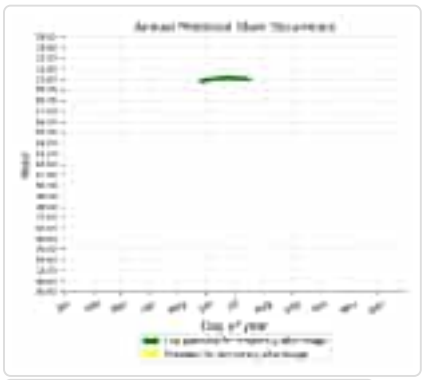


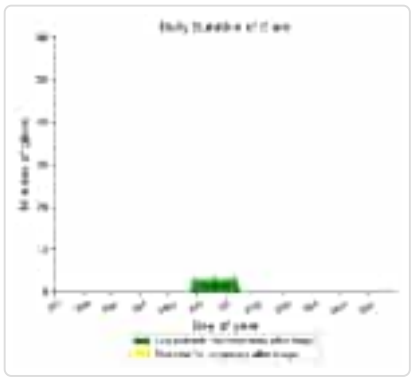


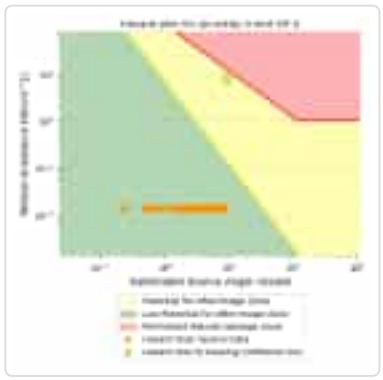
PV array 3: OP 8

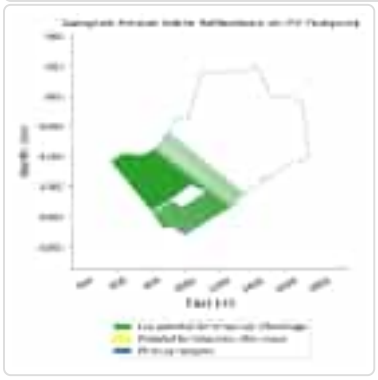
PV array is expected to produce the following glare for this receptor:

- 138 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 9

No glare found

PV array 3: OP 10

No glare found

PV array 3: OP 11

No glare found

PV array 3: OP 12

No glare found

PV array 3: OP 13

No glare found

PV array 3: OP 14

No glare found

PV array 3: OP 15

No glare found

PV array 3: OP 16

No glare found

PV array 3: OP 17

No glare found

PV array 3: OP 18

No glare found

PV array 3: OP 19

No glare found

PV array 3: OP 20

No glare found

PV array 3: OP 21

No glare found

PV array 3: OP 22

No glare found

PV array 3: OP 23

No glare found

PV array 3: OP 24

No glare found

PV array 3: OP 25

No glare found

PV array 3: OP 26

No glare found

PV array 3: OP 27

No glare found

PV array 3: OP 28

No glare found

PV array 3: OP 29

No glare found

PV array 3: OP 30

No glare found

PV array 3: OP 31

No glare found

PV array 3: OP 32

No glare found

PV array 3: OP 33

No glare found

PV array 3: OP 34

No glare found

PV array 3: OP 35

No glare found

PV array 3: OP 36

No glare found

PV array 3: OP 37

No glare found

PV array 3: OP 38

No glare found

PV array 3: OP 39

No glare found

PV array 3: OP 40

No glare found

PV array 3: OP 41

No glare found

PV array 3: OP 42

No glare found

PV array 3: OP 43

No glare found

PV array 4 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

No glare found

PV array 5 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

No glare found

PV array 6 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

No glare found

PV array 7 low potential for temporary after-image

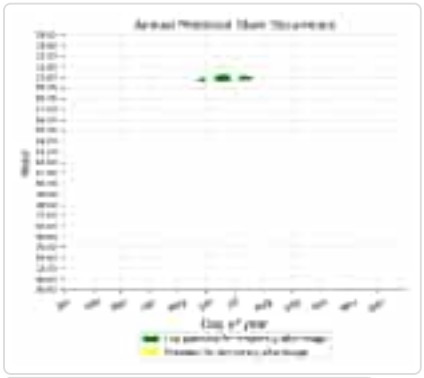
Component	Green glare (min)	Yellow glare (min)

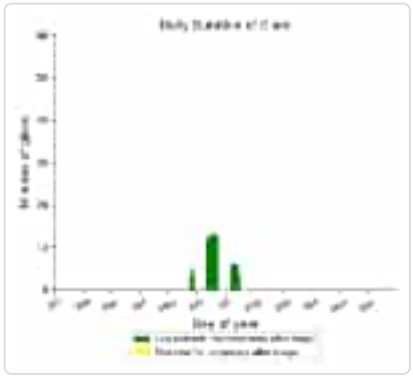
OP: OP 1	252	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	44	0
OP: OP 6	72	0
OP: OP 7	182	0
OP: OP 8	488	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

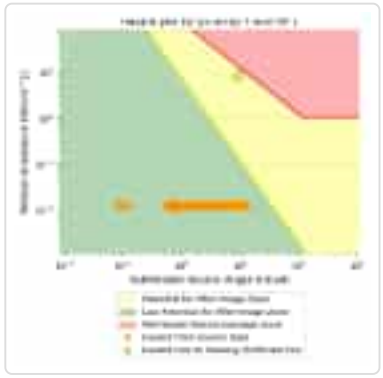
PV array 7: OP 1

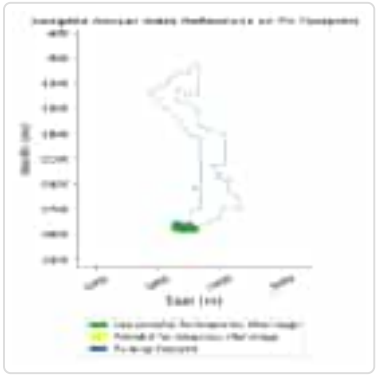
PV array is expected to produce the following glare for this receptor:

- 252 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 2

No glare found

PV array 7: OP 3

No glare found

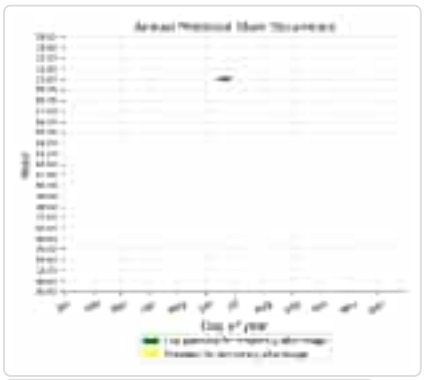
PV array 7: OP 4

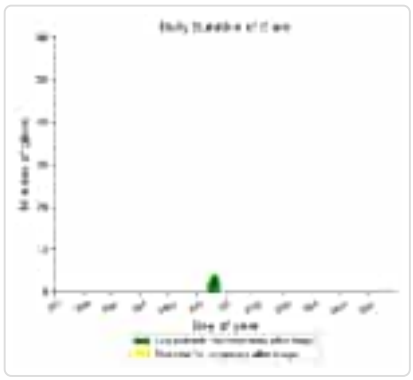
No glare found

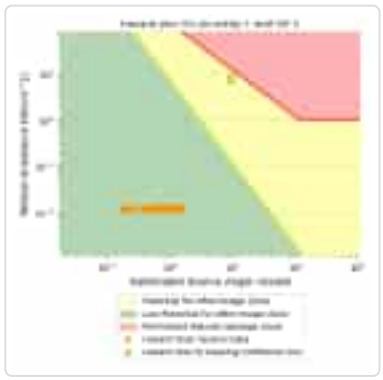
PV array 7: OP 5

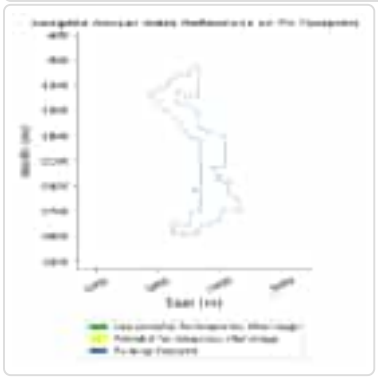
PV array is expected to produce the following glare for this receptor:

- 44 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





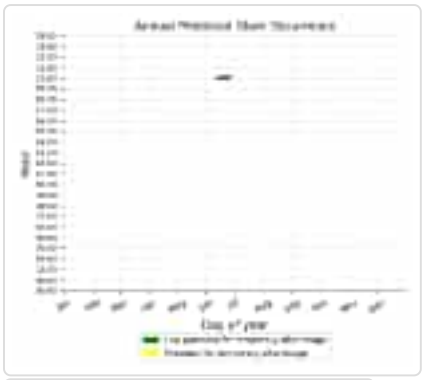


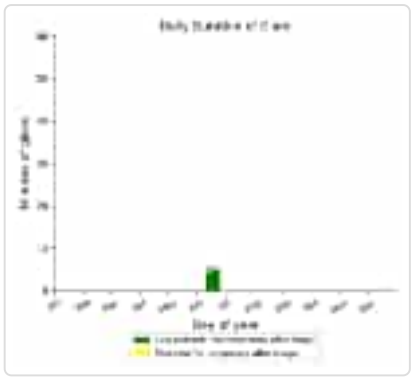


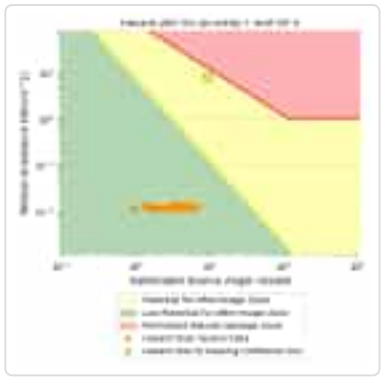
PV array 7: OP 6

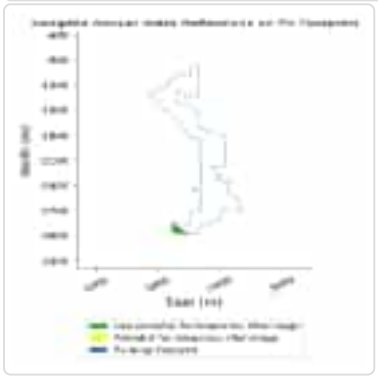
PV array is expected to produce the following glare for this receptor:

- 72 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





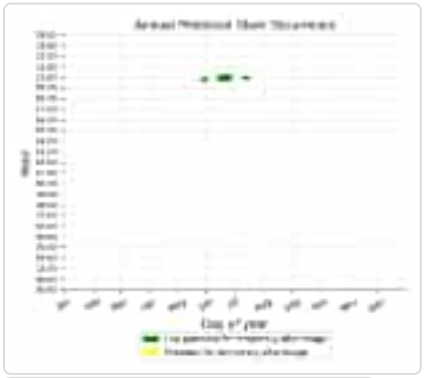


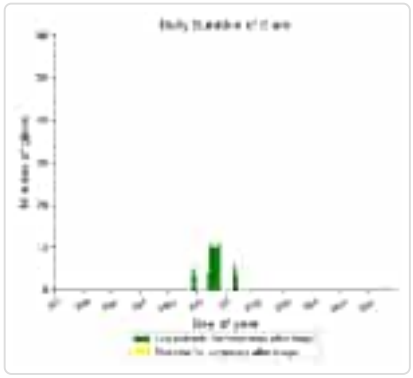


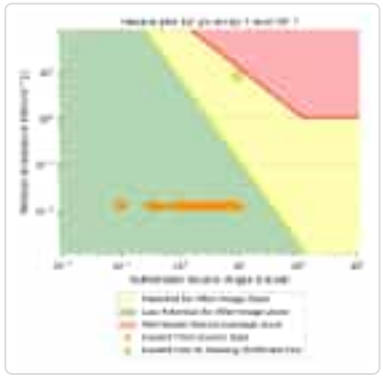
PV array 7: OP 7

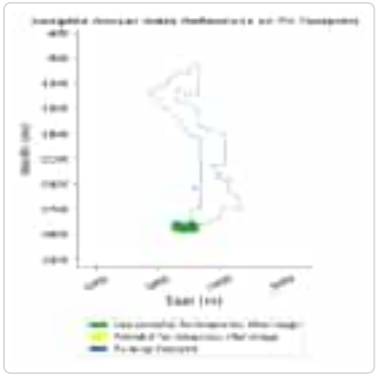
PV array is expected to produce the following glare for this receptor:

- 182 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





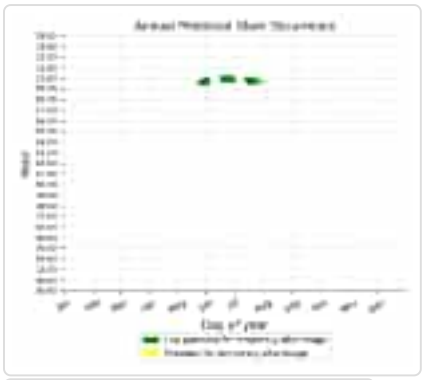


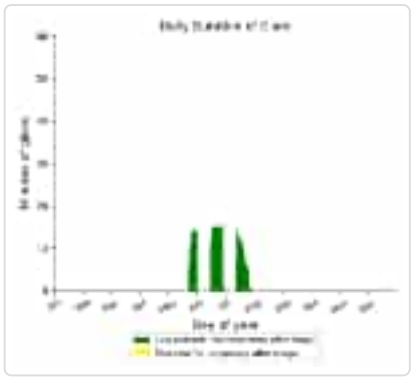


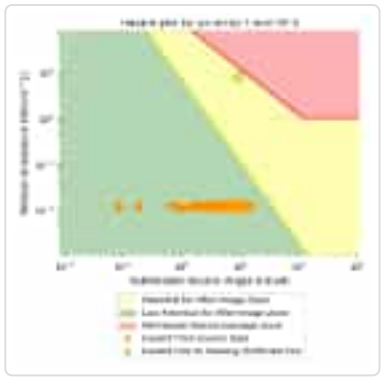
PV array 7: OP 8

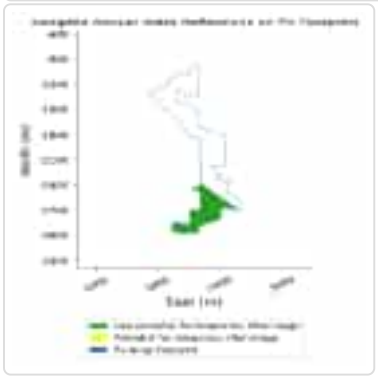
PV array is expected to produce the following glare for this receptor:

- 488 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 9

No glare found

PV array 7: OP 10

No glare found

PV array 7: OP 11

No glare found

PV array 7: OP 12

No glare found

PV array 7: OP 13

No glare found

PV array 7: OP 14

No glare found

PV array 7: OP 15

No glare found

PV array 7: OP 16

No glare found

PV array 7: OP 17

No glare found

PV array 7: OP 18

No glare found

PV array 7: OP 19

No glare found

PV array 7: OP 20

No glare found

PV array 7: OP 21

No glare found

PV array 7: OP 22

No glare found

PV array 7: OP 23

No glare found

PV array 7: OP 24

No glare found

PV array 7: OP 25

No glare found

PV array 7: OP 26

No glare found

PV array 7: OP 27

No glare found

PV array 7: OP 28

No glare found

PV array 7: OP 29

No glare found

PV array 7: OP 30

No glare found

PV array 7: OP 31

No glare found

PV array 7: OP 32

No glare found

PV array 7: OP 33

No glare found

PV array 7: OP 34

No glare found

PV array 7: OP 35

No glare found

PV array 7: OP 36

No glare found

PV array 7: OP 37

No glare found

PV array 7: OP 38

No glare found

PV array 7: OP 39

No glare found

PV array 7: OP 40

No glare found

PV array 7: OP 41

No glare found

PV array 7: OP 42

No glare found

PV array 7: OP 43

No glare found

PV array 8 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	56	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

PV array 8: OP 1

No glare found

PV array 8: OP 2

No glare found

PV array 8: OP 3

No glare found

PV array 8: OP 4

No glare found

PV array 8: OP 5

No glare found

PV array 8: OP 6

No glare found

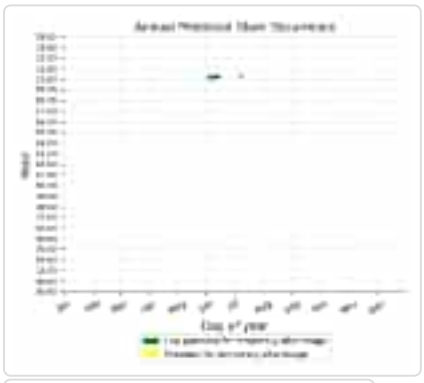
PV array 8: OP 7

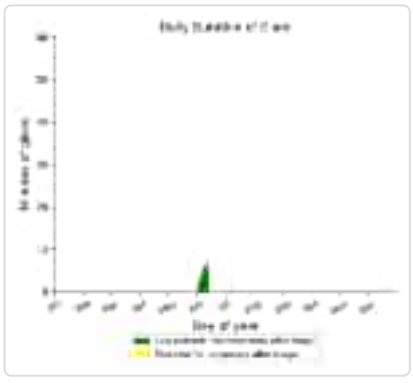
No glare found

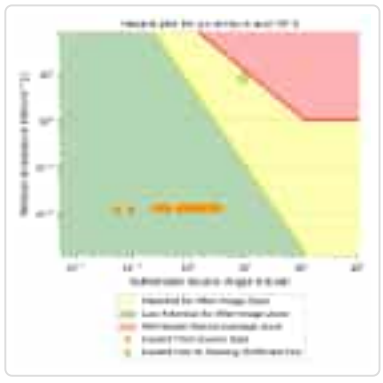
PV array 8: OP 8

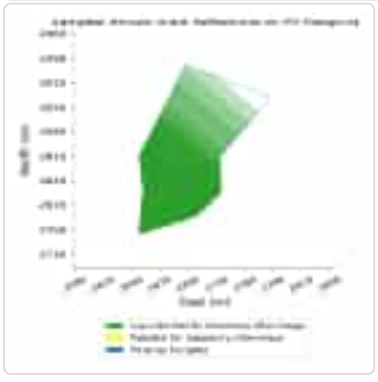
PV array is expected to produce the following glare for this receptor:

- 56 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 8: OP 9

No glare found

PV array 8: OP 10

No glare found

PV array 8: OP 11

No glare found

PV array 8: OP 12

No glare found

PV array 8: OP 13

No glare found

PV array 8: OP 14

No glare found

PV array 8: OP 15

No glare found

PV array 8: OP 16

No glare found

PV array 8: OP 17

No glare found

PV array 8: OP 18

No glare found

PV array 8: OP 19

No glare found

PV array 8: OP 20

No glare found

PV array 8: OP 21

No glare found

PV array 8: OP 22

No glare found

PV array 8: OP 23

No glare found

PV array 8: OP 24

No glare found

PV array 8: OP 25

No glare found

PV array 8: OP 26

No glare found

PV array 8: OP 27

No glare found

PV array 8: OP 28

No glare found

PV array 8: OP 29

No glare found

PV array 8: OP 30

No glare found

PV array 8: OP 31

No glare found

PV array 8: OP 32

No glare found

PV array 8: OP 33

No glare found

PV array 8: OP 34

No glare found

PV array 8: OP 35

No glare found

PV array 8: OP 36

No glare found

PV array 8: OP 37

No glare found

PV array 8: OP 38

No glare found

PV array 8: OP 39

No glare found

PV array 8: OP 40

No glare found

PV array 8: OP 41

No glare found

PV array 8: OP 42

No glare found

PV array 8: OP 43

No glare found

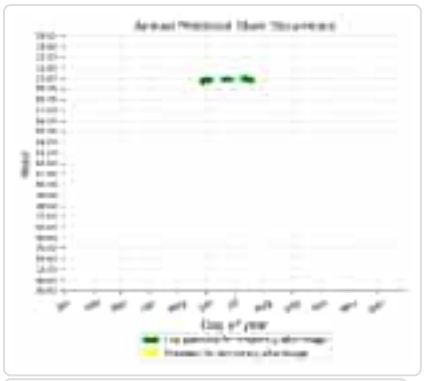
PV array 9 low potential for temporary after-image

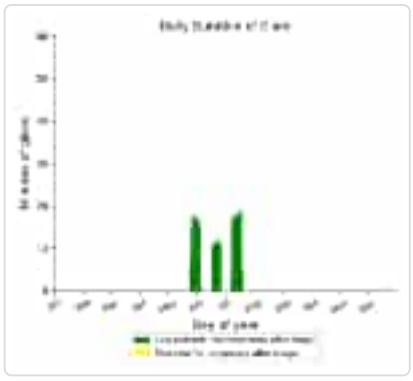
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	521	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	597	0
OP: OP 6	608	0
OP: OP 7	587	0
OP: OP 8	210	0
OP: OP 9	73	0
OP: OP 10	266	0
OP: OP 11	401	0
OP: OP 12	442	0
OP: OP 13	224	0
OP: OP 14	81	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

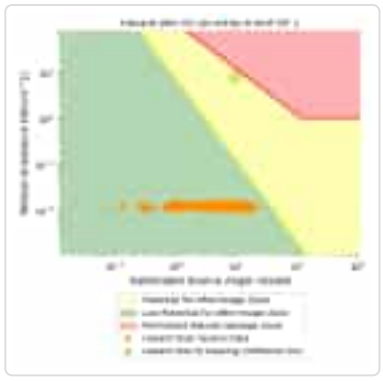
PV array 9: OP 1

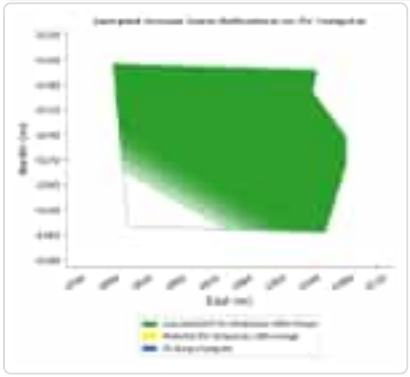
PV array is expected to produce the following glare for this receptor:

- 521 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 2

No glare found

PV array 9: OP 3

No glare found

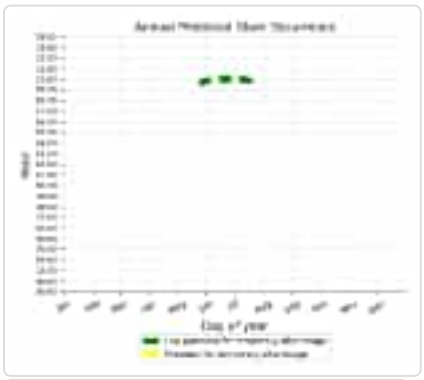
PV array 9: OP 4

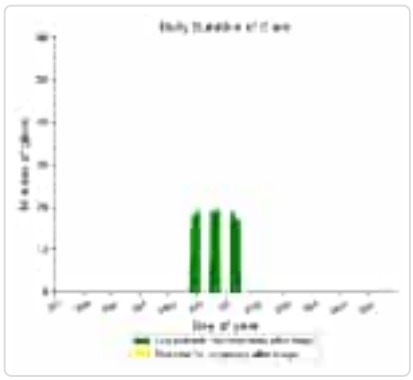
No glare found

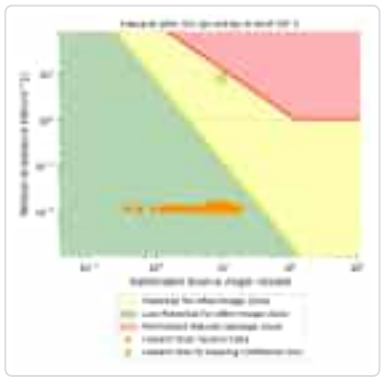
PV array 9: OP 5

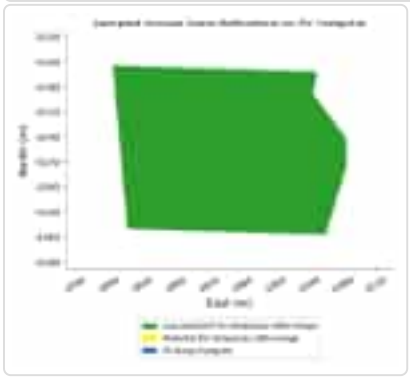
PV array is expected to produce the following glare for this receptor:

- 597 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





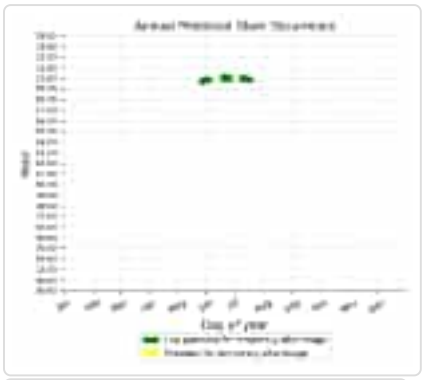


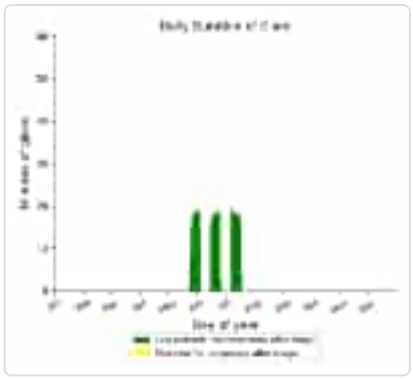


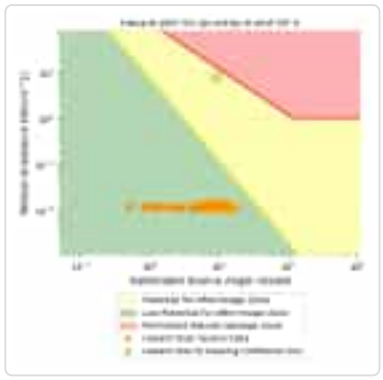
PV array 9: OP 6

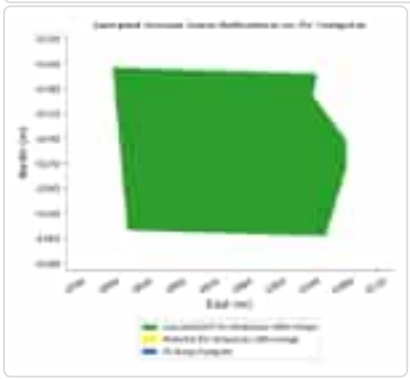
PV array is expected to produce the following glare for this receptor:

- 608 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





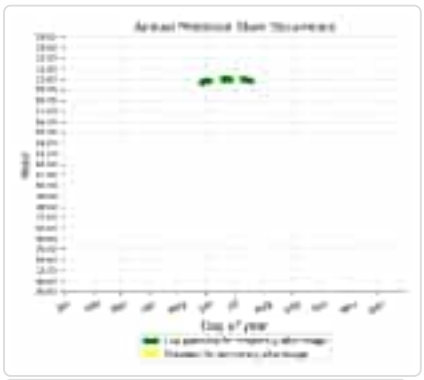


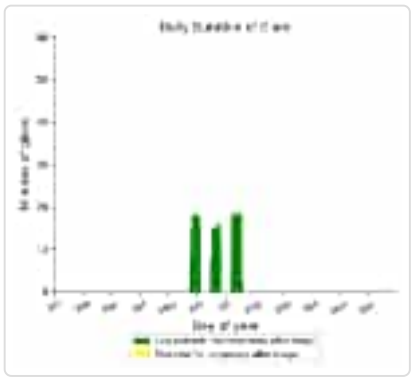


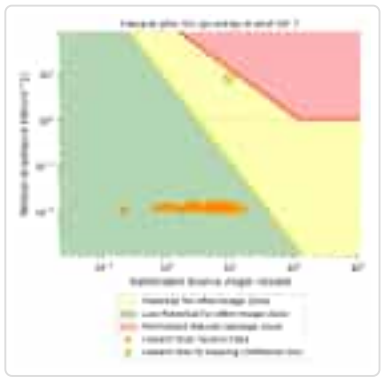
PV array 9: OP 7

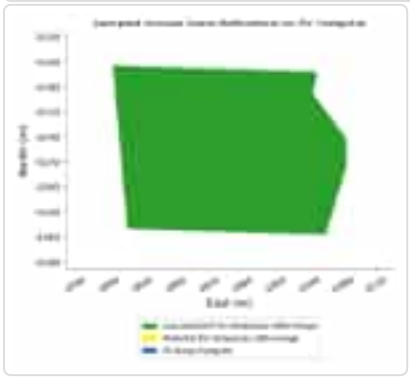
PV array is expected to produce the following glare for this receptor:

- 587 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





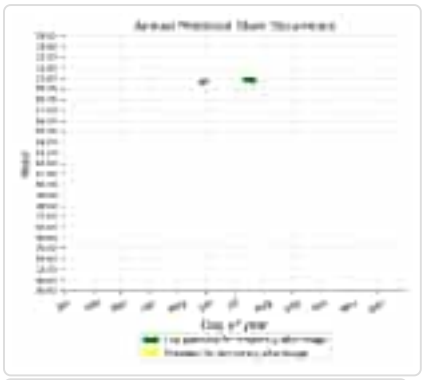


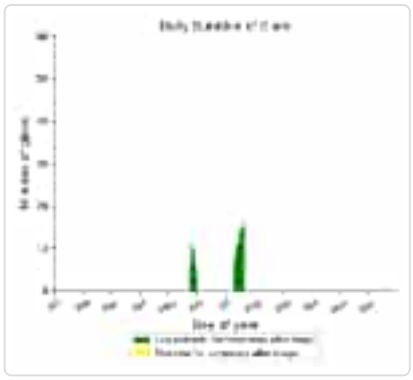


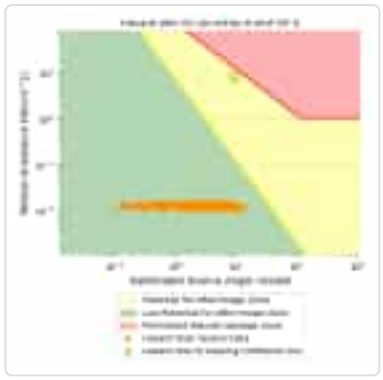
PV array 9: OP 8

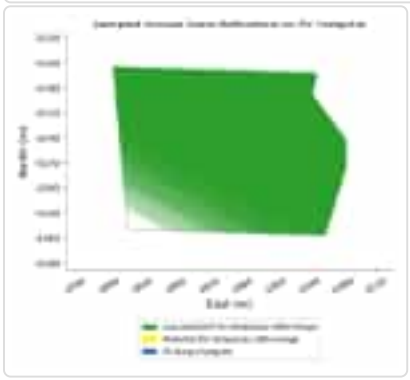
PV array is expected to produce the following glare for this receptor:

- 210 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





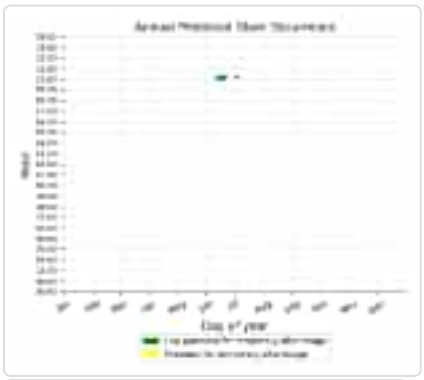


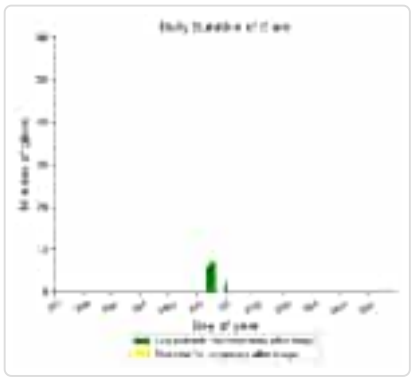


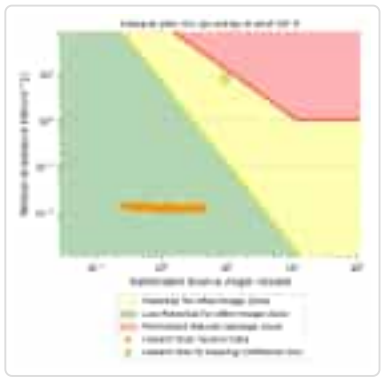
PV array 9: OP 9

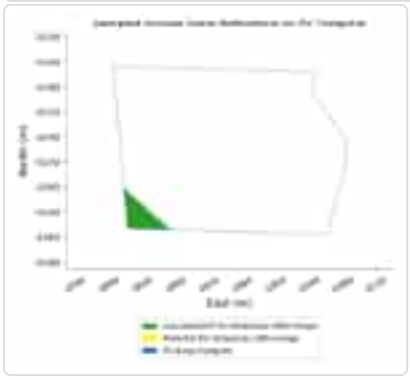
PV array is expected to produce the following glare for this receptor:

- 73 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





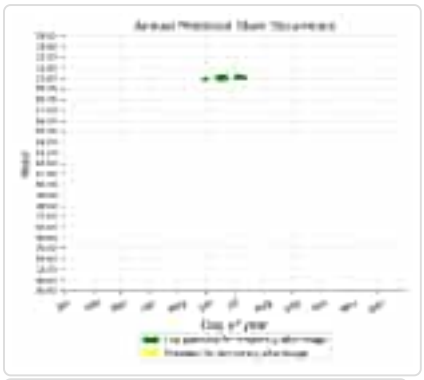


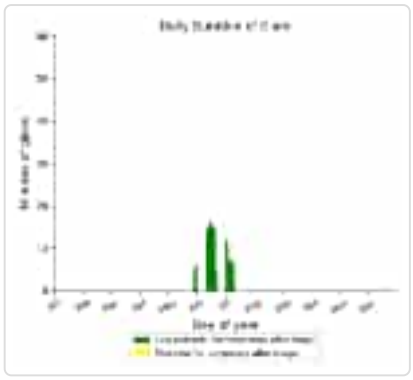


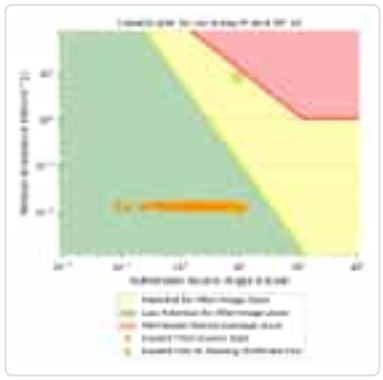
PV array 9: OP 10

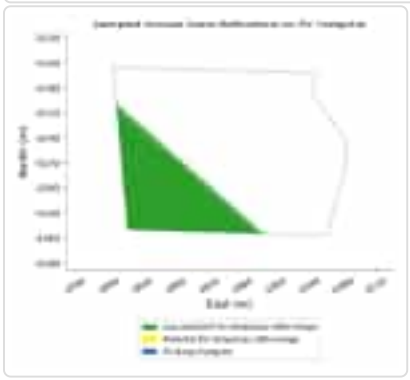
PV array is expected to produce the following glare for this receptor:

- 266 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





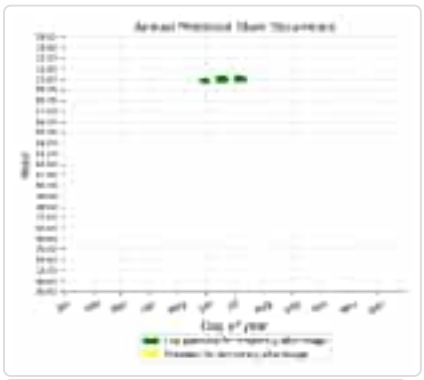


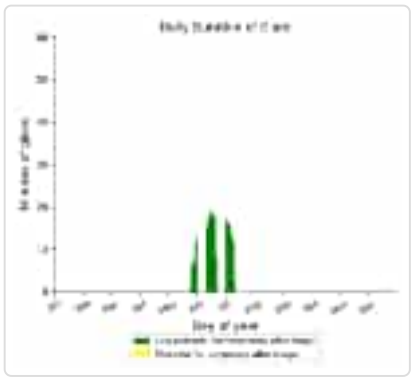


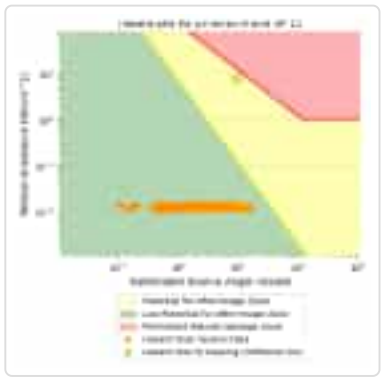
PV array 9: OP 11

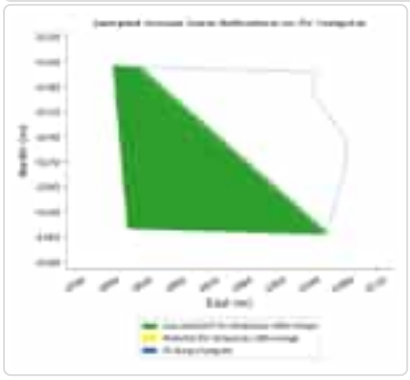
PV array is expected to produce the following glare for this receptor:

- 401 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





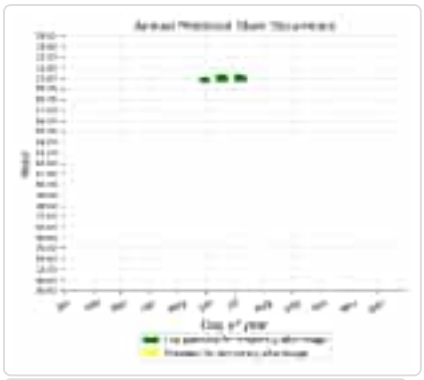


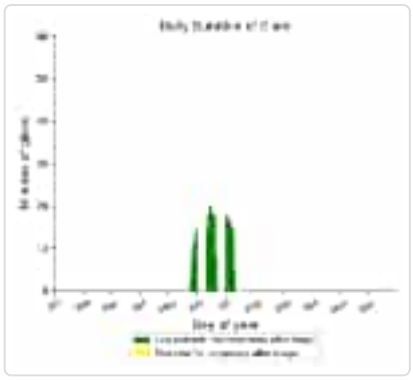


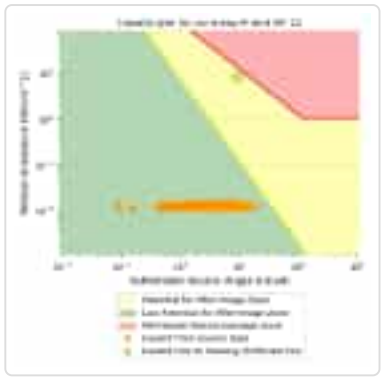
PV array 9: OP 12

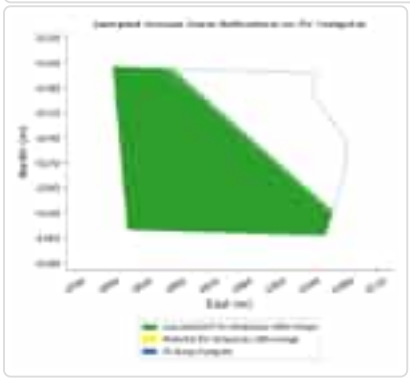
PV array is expected to produce the following glare for this receptor:

- 442 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





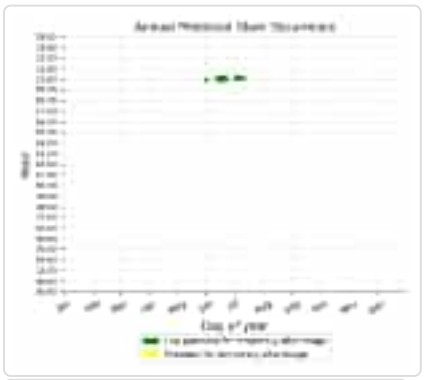


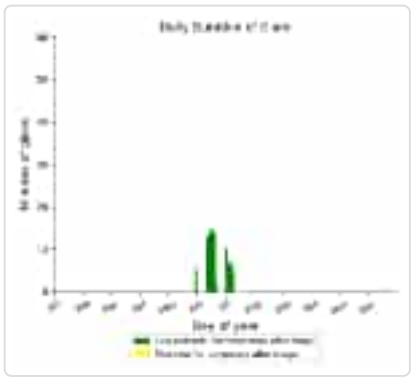


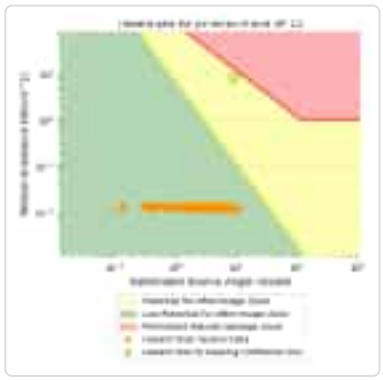
PV array 9: OP 13

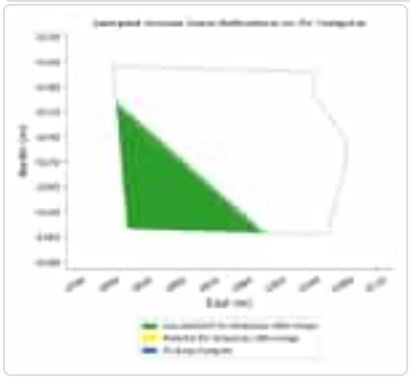
PV array is expected to produce the following glare for this receptor:

- 224 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





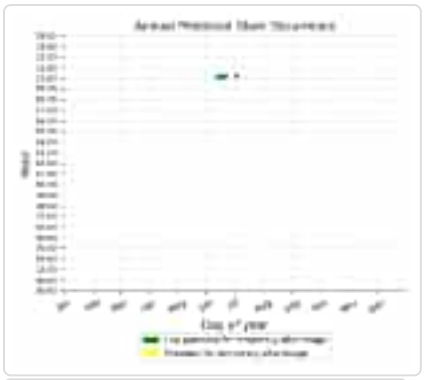


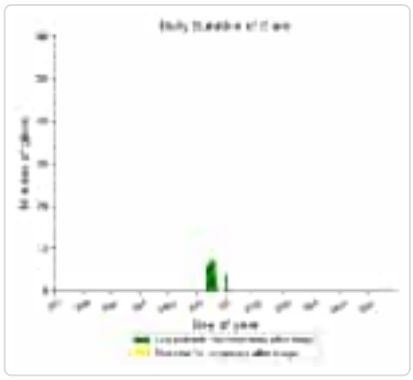


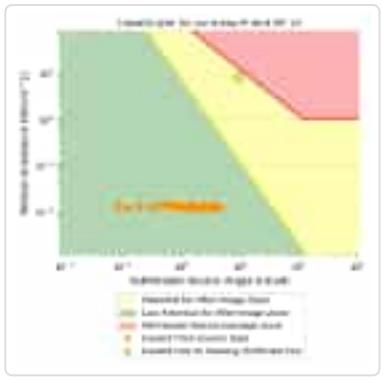
PV array 9: OP 14

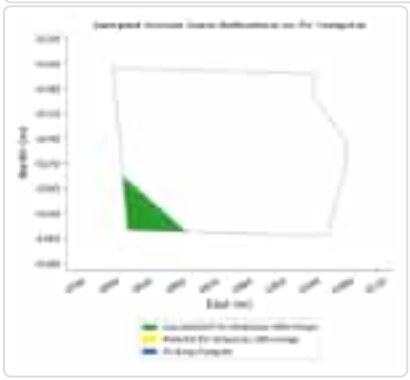
PV array is expected to produce the following glare for this receptor:

- 81 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 15

No glare found

PV array 9: OP 16

No glare found

PV array 9: OP 17

No glare found

PV array 9: OP 18

No glare found

PV array 9: OP 19

No glare found

PV array 9: OP 20

No glare found

PV array 9: OP 21

No glare found

PV array 9: OP 22

No glare found

PV array 9: OP 23

No glare found

PV array 9: OP 24

No glare found

PV array 9: OP 25

No glare found

PV array 9: OP 26

No glare found

PV array 9: OP 27

No glare found

PV array 9: OP 28

No glare found

PV array 9: OP 29

No glare found

PV array 9: OP 30

No glare found

PV array 9: OP 31

No glare found

PV array 9: OP 32

No glare found

PV array 9: OP 33

No glare found

PV array 9: OP 34

No glare found

PV array 9: OP 35

No glare found

PV array 9: OP 36

No glare found

PV array 9: OP 37

No glare found

PV array 9: OP 38

No glare found

PV array 9: OP 39

No glare found

PV array 9: OP 40

No glare found

PV array 9: OP 41

No glare found

PV array 9: OP 42

No glare found

PV array 9: OP 43

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.

- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Fosse Green Solar Farm

Fosse Green SF Road Group A 5 Degrees

Created Jan 11, 2024
Updated Sep 03, 2024
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 109529.18719

Project type Advanced
Project status: active
Category 10 MW to 100 MW

Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
PV array 1	5.0	180.0	51,522	10,644	-
PV array 10	5.0	180.0	0	0	-
PV array 11	5.0	180.0	0	0	-
PV array 12	5.0	180.0	0	0	-
PV array 13	5.0	180.0	0	0	-
PV array 14	5.0	180.0	0	0	-
PV array 15	5.0	180.0	0	0	-
PV array 2	5.0	180.0	69,871	9,493	-
PV array 3	5.0	180.0	25,071	9,567	-
PV array 4	5.0	180.0	26,616	5,331	-
PV array 5	5.0	180.0	55,132	5,172	-
PV array 6	5.0	180.0	29,575	1,420	-
PV array 7	5.0	180.0	23,867	2,016	-
PV array 8	5.0	180.0	0	0	-
PV array 9	5.0	180.0	0	0	-

Component Data

PV Array(s)

Total PV footprint area: 5,182,066 m^2

Name: PV array 1
Footprint area: 534,233 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.173327	-0.683693	15.22	3.50	18.72
2	53.171796	-0.684143	15.03	3.50	18.53
3	53.171552	-0.683478	15.19	3.50	18.69
4	53.171127	-0.682985	15.98	3.50	19.48
5	53.169712	-0.681805	15.00	3.50	18.50
6	53.168092	-0.681418	16.50	3.50	20.00
7	53.167989	-0.682362	16.00	3.50	19.50
8	53.167616	-0.682427	15.86	3.50	19.36
9	53.166844	-0.682749	16.00	3.50	19.50
10	53.166574	-0.682985	16.00	3.50	19.50
11	53.166123	-0.682920	16.00	3.50	19.50
12	53.166394	-0.680345	17.00	3.50	20.50
13	53.166741	-0.680410	16.40	3.50	19.90
14	53.166831	-0.679530	17.48	3.50	20.98
15	53.167320	-0.679659	17.17	3.50	20.67
16	53.167564	-0.677277	20.64	3.50	24.14
17	53.166522	-0.676741	20.78	3.50	24.28
18	53.164593	-0.675024	20.02	3.50	23.52
19	53.163010	-0.673672	18.14	3.50	21.64
20	53.162869	-0.672857	19.04	3.50	22.54
21	53.163088	-0.672084	19.80	3.50	23.30
22	53.163679	-0.671333	23.18	3.50	26.68
23	53.165403	-0.672857	27.63	3.50	31.13
24	53.165648	-0.671870	30.61	3.50	34.11
25	53.166458	-0.671269	32.00	3.50	35.50
26	53.166857	-0.671569	31.99	3.50	35.49
27	53.167847	-0.667406	24.66	3.50	28.16
28	53.169468	-0.666720	25.10	3.50	28.60
29	53.169031	-0.668608	27.89	3.50	31.39
30	53.169198	-0.670067	30.98	3.50	34.48
31	53.169982	-0.673629	26.94	3.50	30.44
32	53.170246	-0.673758	26.58	3.50	30.08
33	53.171294	-0.673125	28.40	3.50	31.90
34	53.171745	-0.672299	30.82	3.50	34.32
35	53.172105	-0.674048	26.50	3.50	30.00
36	53.171674	-0.675957	22.65	3.50	26.15
37	53.171507	-0.677599	22.08	3.50	25.58
38	53.171629	-0.678414	22.99	3.50	26.49
39	53.171918	-0.678833	24.21	3.50	27.71
40	53.171809	-0.679283	22.62	3.50	26.12
41	53.171449	-0.679391	20.48	3.50	23.98
42	53.170838	-0.677985	18.51	3.50	22.01
43	53.170593	-0.678028	17.96	3.50	21.46
44	53.170606	-0.678200	17.83	3.50	21.33
45	53.171372	-0.679906	19.18	3.50	22.68
46	53.171249	-0.681719	17.42	3.50	20.92
47	53.171378	-0.681955	17.27	3.50	20.77
48	53.171333	-0.682395	16.56	3.50	20.06
49	53.171597	-0.682502	16.79	3.50	20.29
50	53.173384	-0.681622	18.75	3.50	22.25

Name: PV array 10
Footprint area: 185,320 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.150798	-0.633966	8.64	3.50	12.14
2	53.150219	-0.635436	8.34	3.50	11.84
3	53.150026	-0.636744	8.28	3.50	11.78
4	53.148983	-0.636744	9.89	3.50	13.39
5	53.148803	-0.636862	10.13	3.50	13.63
6	53.148829	-0.637045	9.76	3.50	13.26
7	53.147420	-0.637957	10.19	3.50	13.69
8	53.146461	-0.637796	10.65	3.50	14.15
9	53.146126	-0.637302	11.44	3.50	14.94
10	53.145875	-0.635146	9.74	3.50	13.24
11	53.145566	-0.635264	9.14	3.50	12.64
12	53.145451	-0.635843	9.42	3.50	12.92
13	53.145142	-0.635951	9.94	3.50	13.44
14	53.144987	-0.634910	11.54	3.50	15.04
15	53.144637	-0.634278	12.00	3.50	15.50
16	53.143968	-0.633344	12.41	3.50	15.91
17	53.144200	-0.633280	11.84	3.50	15.34
18	53.144953	-0.632754	9.97	3.50	13.47
19	53.145828	-0.631949	10.31	3.50	13.81
20	53.146497	-0.631509	11.15	3.50	14.65
21	53.147668	-0.633848	12.51	3.50	16.01
22	53.148395	-0.633344	12.81	3.50	16.31
23	53.148254	-0.632947	13.08	3.50	16.58
24	53.148910	-0.632035	13.05	3.50	16.55
25	53.149148	-0.632604	13.03	3.50	16.53
26	53.149631	-0.631853	12.49	3.50	15.99

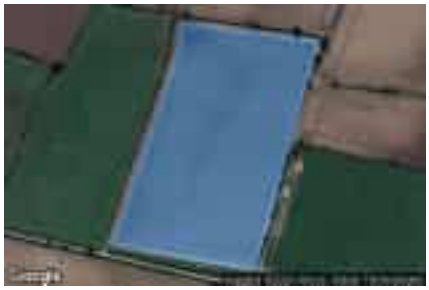
Name: PV array 11
Footprint area: 717,731 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.148506	-0.631749	13.14	3.50	16.64
2	53.147850	-0.632704	12.97	3.50	16.47
3	53.147683	-0.632715	12.37	3.50	15.87
4	53.146640	-0.630945	11.20	3.50	14.70
5	53.146396	-0.630848	12.22	3.50	15.72
6	53.145637	-0.631266	12.28	3.50	15.78
7	53.144343	-0.632565	11.04	3.50	14.54
8	53.142046	-0.627951	13.11	3.50	16.61
9	53.141524	-0.626084	12.34	3.50	15.84
10	53.138596	-0.627329	13.83	3.50	17.33
11	53.138454	-0.627232	13.48	3.50	16.98
12	53.137051	-0.628370	12.96	3.50	16.46
13	53.137154	-0.629056	13.21	3.50	16.71
14	53.135919	-0.628649	14.19	3.50	17.69
15	53.135771	-0.627640	12.78	3.50	16.28
16	53.134593	-0.628456	13.03	3.50	16.53
17	53.134464	-0.624700	12.77	3.50	16.27
18	53.134618	-0.624700	12.76	3.50	16.26
19	53.134631	-0.624990	12.76	3.50	16.26
20	53.135655	-0.624947	12.58	3.50	16.08
21	53.135758	-0.626331	11.86	3.50	15.36
22	53.136112	-0.626567	11.92	3.50	15.42
23	53.136549	-0.625162	10.74	3.50	14.24
24	53.136717	-0.625055	10.13	3.50	13.63
25	53.136652	-0.624636	10.38	3.50	13.88
26	53.137450	-0.624089	10.03	3.50	13.53
27	53.135830	-0.616790	7.11	3.50	10.61
28	53.136200	-0.615960	6.99	3.50	10.49
29	53.137240	-0.614930	7.15	3.50	10.65
30	53.137620	-0.615710	7.24	3.50	10.74
31	53.137860	-0.615550	7.38	3.50	10.88
32	53.137990	-0.614790	7.14	3.50	10.64
33	53.139105	-0.617426	7.93	3.50	11.43
34	53.139800	-0.619754	11.05	3.50	14.55
35	53.141717	-0.618682	9.38	3.50	12.88
36	53.142129	-0.620227	11.21	3.50	14.71
37	53.142007	-0.620323	10.80	3.50	14.30
38	53.142541	-0.622211	11.19	3.50	14.69
39	53.144034	-0.620784	11.76	3.50	15.26
40	53.144607	-0.623563	11.92	3.50	15.42
41	53.145591	-0.624582	12.63	3.50	16.13
42	53.145044	-0.625248	12.90	3.50	16.40
43	53.145077	-0.625666	12.28	3.50	15.78
44	53.146634	-0.628348	11.72	3.50	15.22
45	53.146808	-0.628220	12.16	3.50	15.66
46	53.148268	-0.630762	12.11	3.50	15.61
47	53.148101	-0.631030	11.92	3.50	15.42

Name: PV array 12
Footprint area: 73,115 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.136228	-0.613414	8.07	3.50	11.57
2	53.135854	-0.613478	8.46	3.50	11.96
3	53.133222	-0.614980	9.82	3.50	13.32
4	53.132887	-0.611772	10.64	3.50	14.14
5	53.135977	-0.610335	9.13	3.50	12.63

Name: PV array 13
Footprint area: 737,153 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.135585	-0.658160	11.48	3.50	14.98
2	53.136461	-0.665906	14.75	3.50	18.25
3	53.130642	-0.667945	14.56	3.50	18.06
4	53.130333	-0.666357	13.81	3.50	17.31
5	53.128440	-0.666872	14.86	3.50	18.36
6	53.128582	-0.668717	14.77	3.50	18.27
7	53.128273	-0.668782	14.57	3.50	18.07
8	53.128131	-0.667301	14.49	3.50	17.99
9	53.125730	-0.667666	13.07	3.50	16.57
10	53.125710	-0.667945	12.94	3.50	16.44
11	53.124455	-0.667505	13.19	3.50	16.69
12	53.124558	-0.666711	12.70	3.50	16.20
13	53.123380	-0.665788	11.31	3.50	14.81
14	53.123457	-0.665370	11.00	3.50	14.50
15	53.123122	-0.665220	12.04	3.50	15.54
16	53.123476	-0.663514	13.15	3.50	16.65
17	53.124365	-0.661776	13.29	3.50	16.79
18	53.124571	-0.660832	13.96	3.50	17.46
19	53.125067	-0.660220	13.10	3.50	16.60
20	53.126410	-0.656650	11.66	3.50	15.16
21	53.126650	-0.656260	11.38	3.50	14.88
22	53.126960	-0.656270	11.65	3.50	15.15
23	53.127180	-0.656070	12.25	3.50	15.75
24	53.127600	-0.659050	12.08	3.50	15.58
25	53.128790	-0.658920	13.52	3.50	17.02
26	53.129280	-0.661440	14.94	3.50	18.44
27	53.131090	-0.659840	14.90	3.50	18.40
28	53.131520	-0.659500	14.40	3.50	17.90
29	53.132320	-0.658860	12.70	3.50	16.20
30	53.133270	-0.657930	12.71	3.50	16.21
31	53.133345	-0.658664	11.01	3.50	14.51

Name: PV array 14
Footprint area: 209,667 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132660	-0.653180	10.42	3.50	13.92
2	53.132070	-0.653360	10.23	3.50	13.73
3	53.131511	-0.653075	11.28	3.50	14.78
4	53.130770	-0.652409	10.38	3.50	13.88
5	53.130352	-0.650050	9.94	3.50	13.44
6	53.130095	-0.649556	9.85	3.50	13.35
7	53.130275	-0.649255	10.71	3.50	14.21
8	53.132390	-0.648020	11.38	3.50	14.88
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08

17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38

Name: PV array 15
Footprint area: 78,226 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132772	-0.647378	9.94	3.50	13.44
2	53.130056	-0.648847	10.80	3.50	14.30
3	53.129882	-0.649255	9.89	3.50	13.39
4	53.129303	-0.648847	10.80	3.50	14.30
5	53.128942	-0.648858	10.87	3.50	14.37
6	53.128884	-0.648418	11.51	3.50	15.01
7	53.128311	-0.648386	11.43	3.50	14.93
8	53.128105	-0.646884	11.40	3.50	14.90
9	53.130622	-0.645758	10.83	3.50	14.33
10	53.130700	-0.646122	11.65	3.50	15.15
11	53.131298	-0.645768	10.18	3.50	13.68
12	53.132410	-0.645330	9.00	3.50	12.50

Name: PV array 2
Footprint area: 606,601 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.179699	-0.666763	17.74	3.50	21.24
2	53.179108	-0.670067	20.15	3.50	23.65
3	53.176523	-0.668029	19.69	3.50	23.19
4	53.174220	-0.666891	26.06	3.50	29.56
5	53.174465	-0.660669	17.80	3.50	21.30
6	53.172497	-0.660755	16.16	3.50	19.66
7	53.172510	-0.661355	17.14	3.50	20.64
8	53.172960	-0.661484	17.29	3.50	20.79
9	53.173230	-0.666677	24.28	3.50	27.78
10	53.172175	-0.666226	20.97	3.50	24.47
11	53.171823	-0.664919	19.69	3.50	23.19
12	53.171714	-0.664865	19.72	3.50	23.22
13	53.170968	-0.662526	18.08	3.50	21.58
14	53.170357	-0.661797	17.29	3.50	20.79
15	53.174293	-0.653523	13.69	3.50	17.19
16	53.178283	-0.655459	15.69	3.50	19.19
17	53.179363	-0.655588	13.41	3.50	16.91
18	53.178051	-0.662519	19.70	3.50	23.20
19	53.177884	-0.665737	19.63	3.50	23.13

Name: PV array 3
Footprint area: 679,840 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.162240	-0.675330	17.88	3.50	21.38
2	53.159340	-0.671810	16.96	3.50	20.46
3	53.159790	-0.670480	16.50	3.50	20.00
4	53.160860	-0.668250	17.83	3.50	21.33
5	53.160420	-0.666810	17.26	3.50	20.76
6	53.159450	-0.669110	15.52	3.50	19.02
7	53.159860	-0.669750	15.96	3.50	19.46
8	53.159140	-0.671710	16.90	3.50	20.40
9	53.158240	-0.670650	16.68	3.50	20.18
10	53.158390	-0.670070	16.02	3.50	19.52
11	53.157840	-0.668790	15.77	3.50	19.27
12	53.159770	-0.664130	19.42	3.50	22.92
13	53.159920	-0.664410	18.34	3.50	21.84
14	53.160980	-0.661830	24.57	3.50	28.07
15	53.161160	-0.662010	24.26	3.50	27.76
16	53.161290	-0.661640	25.79	3.50	29.29
17	53.161160	-0.661450	26.00	3.50	29.50
18	53.162190	-0.659350	26.37	3.50	29.87
19	53.162080	-0.658850	26.32	3.50	29.82
20	53.162650	-0.657690	27.46	3.50	30.96
21	53.165690	-0.658340	22.77	3.50	26.27
22	53.165920	-0.658980	21.27	3.50	24.77
23	53.166210	-0.659430	20.99	3.50	24.49
24	53.165960	-0.661020	21.23	3.50	24.73
25	53.167980	-0.662370	18.26	3.50	21.76
26	53.167650	-0.663320	18.23	3.50	21.73
27	53.167500	-0.667240	23.91	3.50	27.41
28	53.164620	-0.668620	26.56	3.50	30.06
29	53.164820	-0.669520	27.49	3.50	30.99
30	53.163160	-0.671190	20.73	3.50	24.23
31	53.162730	-0.672050	18.84	3.50	22.34
32	53.162570	-0.673160	18.39	3.50	21.89
33	53.162750	-0.673700	17.85	3.50	21.35
34	53.162650	-0.674340	17.02	3.50	20.52

Name: PV array 4
Footprint area: 540,298 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.172585	-0.642585	14.81	3.50	18.31
2	53.173512	-0.648335	13.73	3.50	17.23
3	53.168740	-0.657433	17.19	3.50	20.69
4	53.168530	-0.657412	16.94	3.50	20.44
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
6	53.168300	-0.658730	18.04	3.50	21.54
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
8	53.165850	-0.657640	21.97	3.50	25.47
9	53.165650	-0.657980	23.24	3.50	26.74
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
13	53.166850	-0.655520	18.20	3.50	21.70
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
15	53.167980	-0.655110	18.44	3.50	21.94
16	53.169113	-0.651554	16.06	3.50	19.56
17	53.169113	-0.651060	15.41	3.50	18.91
18	53.168032	-0.650867	15.63	3.50	19.13
19	53.167955	-0.651597	16.07	3.50	19.57
20	53.167337	-0.651232	15.83	3.50	19.33
21	53.166077	-0.651103	19.26	3.50	22.76
22	53.166115	-0.650481	18.68	3.50	22.18
23	53.165961	-0.650181	19.78	3.50	23.28
24	53.168251	-0.644537	17.16	3.50	20.66
25	53.168920	-0.644687	16.30	3.50	19.80
26	53.170129	-0.644408	16.57	3.50	20.07
27	53.171132	-0.643754	15.25	3.50	18.75
28	53.171151	-0.643400	15.23	3.50	18.73

29	53.172000	-0.642681	14.97	3.50	18.47

Name: PV array 5
Footprint area: 85,119 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.175987	-0.638261	17.17	3.50	20.67
2	53.175962	-0.637317	17.32	3.50	20.82
3	53.175704	-0.636180	15.99	3.50	19.49
4	53.172039	-0.635257	10.34	3.50	13.84
5	53.170855	-0.638197	11.33	3.50	14.83
6	53.174251	-0.638304	12.30	3.50	15.80

Name: PV array 6
Footprint area: 178,317 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.167678	-0.644140	17.52	3.50	21.02
2	53.165556	-0.649011	19.39	3.50	22.89
3	53.164810	-0.644784	20.41	3.50	23.91
4	53.165350	-0.641716	16.27	3.50	19.77
5	53.163562	-0.640986	20.48	3.50	23.98
6	53.161902	-0.640643	22.38	3.50	25.88
7	53.159226	-0.640385	15.78	3.50	19.28
8	53.159329	-0.638197	13.14	3.50	16.64
9	53.162726	-0.638883	20.72	3.50	24.22
10	53.164115	-0.639205	17.21	3.50	20.71
11	53.165183	-0.639763	14.44	3.50	17.94
12	53.165800	-0.640707	14.81	3.50	18.31
13	53.166366	-0.642209	16.10	3.50	19.60
14	53.166971	-0.643282	16.63	3.50	20.13

Name: PV array 7
Footprint area: 491,459 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.164655	-0.651071	23.57	3.50	27.07
2	53.164218	-0.652101	24.34	3.50	27.84
3	53.163588	-0.652015	24.43	3.50	27.93
4	53.163575	-0.652466	24.10	3.50	27.60
5	53.163883	-0.652809	24.86	3.50	28.36
6	53.162790	-0.655406	26.04	3.50	29.54
7	53.162404	-0.655148	26.50	3.50	30.00
8	53.162082	-0.655835	27.39	3.50	30.89
9	53.162263	-0.656543	27.11	3.50	30.61
10	53.161516	-0.658324	26.25	3.50	29.75
11	53.158776	-0.654054	22.55	3.50	26.05
12	53.156879	-0.652104	18.45	3.50	21.95
13	53.156840	-0.650806	17.85	3.50	21.35
14	53.156634	-0.650474	16.75	3.50	20.25
15	53.155412	-0.650935	12.99	3.50	16.49
16	53.155245	-0.650441	12.47	3.50	15.97
17	53.154428	-0.650484	11.62	3.50	15.12
18	53.152317	-0.650581	10.82	3.50	14.32
19	53.151545	-0.650656	11.68	3.50	15.18
20	53.151481	-0.651761	11.49	3.50	14.99
21	53.151159	-0.651729	12.56	3.50	16.06
22	53.151178	-0.650924	12.32	3.50	15.82
23	53.150863	-0.650624	12.97	3.50	16.47
24	53.149042	-0.650581	13.39	3.50	16.89
25	53.149113	-0.652083	14.82	3.50	18.32
26	53.147459	-0.652115	10.92	3.50	14.42
27	53.147762	-0.654604	14.65	3.50	18.15
28	53.146730	-0.654770	11.29	3.50	14.79
29	53.146710	-0.654450	10.79	3.50	14.29
30	53.146660	-0.653930	9.86	3.50	13.36
31	53.146560	-0.653210	9.32	3.50	12.82
32	53.146500	-0.652650	9.65	3.50	13.15
33	53.146620	-0.652540	9.69	3.50	13.19
34	53.146670	-0.652330	9.64	3.50	13.14
35	53.146500	-0.650990	8.94	3.50	12.44
36	53.146830	-0.651060	9.07	3.50	12.57
37	53.147220	-0.650840	9.43	3.50	12.93
38	53.147530	-0.650490	9.95	3.50	13.45
39	53.148058	-0.647824	10.34	3.50	13.84
40	53.149293	-0.647502	11.75	3.50	15.25
41	53.149364	-0.647008	11.40	3.50	14.90
42	53.149004	-0.645163	9.84	3.50	13.34
43	53.149068	-0.644702	10.07	3.50	13.57
44	53.149589	-0.644659	10.09	3.50	13.59
45	53.150246	-0.645152	10.47	3.50	13.97
46	53.150709	-0.646118	10.77	3.50	14.27
47	53.150861	-0.646854	11.55	3.50	15.05
48	53.152186	-0.646683	10.55	3.50	14.05
49	53.152302	-0.648378	10.85	3.50	14.35
50	53.152559	-0.648356	11.03	3.50	14.53
51	53.152650	-0.647820	11.33	3.50	14.83
52	53.152843	-0.647562	10.51	3.50	14.01
53	53.152984	-0.648185	10.54	3.50	14.04
54	53.153396	-0.648850	10.72	3.50	14.22
55	53.153821	-0.649000	11.70	3.50	15.20
56	53.153821	-0.647176	11.57	3.50	15.07
57	53.157030	-0.647114	18.62	3.50	22.12
58	53.157911	-0.650923	21.21	3.50	24.71
59	53.159526	-0.650773	24.30	3.50	27.80
60	53.159841	-0.651545	25.93	3.50	29.43
61	53.160478	-0.652318	28.32	3.50	31.82
62	53.160542	-0.654142	27.00	3.50	30.50
63	53.161668	-0.654152	28.25	3.50	31.75
64	53.162003	-0.653691	27.32	3.50	30.82

65	53.161359	-0.652489	27.84	3.50	31.34
66	53.161314	-0.650848	28.23	3.50	31.73

Name: PV array 8
Footprint area: 15,661 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.149067	-0.644094	9.24	3.50	12.74
2	53.149505	-0.644029	9.82	3.50	13.32
3	53.149878	-0.644094	9.57	3.50	13.07
4	53.150888	-0.643353	9.27	3.50	12.77
5	53.150521	-0.642002	8.25	3.50	11.75
6	53.149871	-0.642806	8.50	3.50	12.00
7	53.149472	-0.642796	8.80	3.50	12.30
8	53.149215	-0.643192	8.74	3.50	12.24
9	53.149022	-0.644072	9.17	3.50	12.67

Name: PV array 9
Footprint area: 49,327 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.144980	-0.656700	12.95	3.50	16.45
2	53.143230	-0.656440	10.07	3.50	13.57
3	53.143170	-0.652900	8.94	3.50	12.44
4	53.143890	-0.652530	9.13	3.50	12.63
5	53.144200	-0.652530	9.20	3.50	12.70
6	53.144680	-0.653130	9.45	3.50	12.95
7	53.144910	-0.653050	9.39	3.50	12.89

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	53.152135	-0.681178	19.02	1.50	20.52
OP 2	53.153087	-0.678925	18.95	1.50	20.45
OP 3	53.154168	-0.676339	17.62	1.50	19.12
OP 4	53.155101	-0.673625	16.03	1.50	17.53
OP 5	53.156169	-0.671415	16.57	1.50	18.07
OP 6	53.157089	-0.669301	15.70	1.50	17.20
OP 7	53.158196	-0.666726	16.62	1.50	18.12
OP 8	53.159334	-0.664237	19.68	1.50	21.18
OP 9	53.160383	-0.661812	23.89	1.50	25.39
OP 10	53.161399	-0.659516	26.19	1.50	27.69
OP 11	53.162454	-0.657081	27.69	1.50	29.19
OP 12	53.163400	-0.654881	25.87	1.50	27.37
OP 13	53.164358	-0.652628	24.93	1.50	26.43
OP 14	53.165464	-0.650129	21.62	1.50	23.12
OP 15	53.166416	-0.647929	18.63	1.50	20.13
OP 16	53.167471	-0.645504	17.98	1.50	19.48
OP 17	53.168455	-0.643176	17.44	1.50	18.94
OP 18	53.169388	-0.640891	15.77	1.50	17.27
OP 19	53.170307	-0.638638	13.06	1.50	14.56
OP 20	53.171414	-0.635967	11.89	1.50	13.39
OP 21	53.172385	-0.633649	11.79	1.50	13.29
OP 22	53.173298	-0.631439	11.92	1.50	13.42
OP 23	53.174282	-0.628950	10.45	1.50	11.95
OP 24	53.175433	-0.626278	10.12	1.50	11.62
OP 25	53.176430	-0.624422	10.15	1.50	11.65
OP 26	53.178288	-0.624841	11.79	1.50	13.29
OP 27	53.180011	-0.625742	14.98	1.50	16.48
OP 28	53.181699	-0.626555	13.81	1.50	15.31
OP 29	53.177417	-0.621662	9.33	1.50	10.83
OP 30	53.158701	-0.691335	17.00	1.50	18.50
OP 31	53.158501	-0.688632	17.25	1.50	18.75
OP 32	53.157813	-0.686497	17.33	1.50	18.83
OP 33	53.157658	-0.683407	17.00	1.50	18.50
OP 34	53.157285	-0.680499	14.09	1.50	15.59
OP 35	53.156925	-0.677527	15.61	1.50	17.11
OP 36	53.156481	-0.674695	15.53	1.50	17.03
OP 37	53.154294	-0.671744	14.48	1.50	15.98
OP 38	53.159781	-0.688181	16.54	1.50	18.04
OP 39	53.161480	-0.688707	20.00	1.50	21.50
OP 40	53.163268	-0.689458	22.10	1.50	23.60
OP 41	53.165056	-0.690059	23.00	1.50	24.50
OP 42	53.166857	-0.690445	21.02	1.50	22.52
OP 43	53.168458	-0.690488	19.72	1.50	21.22
OP 44	53.170298	-0.690144	16.14	1.50	17.64
OP 45	53.172156	-0.689672	14.66	1.50	16.16
OP 46	53.173680	-0.689340	13.00	1.50	14.50
OP 47	53.174491	-0.686840	13.00	1.50	14.50
OP 48	53.175610	-0.684855	14.00	1.50	15.50
OP 49	53.176838	-0.682602	16.39	1.50	17.89
OP 50	53.178002	-0.684490	16.00	1.50	17.50
OP 51	53.179680	-0.685563	15.52	1.50	17.02
OP 52	53.181249	-0.685939	14.00	1.50	15.50
OP 53	53.179513	-0.684029	15.27	1.50	16.77
OP 54	53.180747	-0.681572	17.05	1.50	18.55
OP 55	53.181763	-0.679501	15.67	1.50	17.17
OP 56	53.183261	-0.677441	15.26	1.50	16.76
OP 57	53.184663	-0.675843	14.00	1.50	15.50
OP 58	53.167725	-0.692633	19.49	1.50	20.99
OP 59	53.167416	-0.695509	16.36	1.50	17.86
OP 60	53.184142	-0.638013	15.35	1.50	16.85
OP 61	53.183814	-0.635148	15.93	1.50	17.43
OP 62	53.183448	-0.632091	14.54	1.50	16.04
OP 63	53.183145	-0.629290	14.80	1.50	16.30

OP 64	53.180336	-0.648763	25.23	1.50	26.73
OP 65	53.180207	-0.646274	26.50	1.50	28.00
OP 66	53.180014	-0.643356	25.36	1.50	26.86
OP 67	53.179506	-0.640084	23.90	1.50	25.40
OP 68	53.179159	-0.637498	21.36	1.50	22.86
OP 69	53.179056	-0.634365	17.06	1.50	18.56
OP 70	53.178330	-0.631586	14.95	1.50	16.45
OP 71	53.177609	-0.629054	12.58	1.50	14.08
OP 72	53.176941	-0.626651	10.26	1.50	11.76
OP 73	53.178793	-0.644643	25.93	1.50	27.43
OP 74	53.182792	-0.638968	14.54	1.50	16.04
OP 75	53.181377	-0.639837	16.21	1.50	17.71
OP 76	53.174947	-0.641832	13.97	1.50	15.47
OP 77	53.176793	-0.642015	20.35	1.50	21.85
OP 78	53.178600	-0.641639	27.72	1.50	29.22
OP 79	53.173134	-0.642197	15.83	1.50	17.33
OP 80	53.171481	-0.642744	15.23	1.50	16.73

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
PV array 1	5.0	180.0	51,522	10,644	-	-
PV array 10	5.0	180.0	0	0	-	-
PV array 11	5.0	180.0	0	0	-	-
PV array 12	5.0	180.0	0	0	-	-
PV array 13	5.0	180.0	0	0	-	-
PV array 14	5.0	180.0	0	0	-	-
PV array 15	5.0	180.0	0	0	-	-
PV array 2	5.0	180.0	69,871	9,493	-	-
PV array 3	5.0	180.0	25,071	9,567	-	-
PV array 4	5.0	180.0	26,616	5,331	-	-
PV array 5	5.0	180.0	55,132	5,172	-	-
PV array 6	5.0	180.0	29,575	1,420	-	-
PV array 7	5.0	180.0	23,867	2,016	-	-
PV array 8	5.0	180.0	0	0	-	-
PV array 9	5.0	180.0	0	0	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
pv-array-1 (green)	0	0	508	904	1392	1538	1501	1020	717	41	0	0
pv-array-1 (yellow)	0	0	0	0	3	5	2	0	0	0	0	0
pv-array-2 (green)	0	48	680	599	615	820	705	538	742	211	0	0
pv-array-2 (yellow)	0	0	0	181	684	597	675	389	0	0	0	0
pv-array-3 (green)	0	0	148	787	851	723	796	872	344	0	0	0
pv-array-3 (yellow)	0	0	0	11	66	155	104	16	0	0	0	0
pv-array-4 (green)	0	0	1	243	525	640	591	358	24	0	0	0
pv-array-4 (yellow)	0	0	0	16	262	387	319	73	0	0	0	0
pv-array-5 (green)	0	0	565	1122	1015	806	902	1196	820	34	0	0
pv-array-5 (yellow)	0	0	0	43	345	451	402	125	0	0	0	0
pv-array-6 (green)	0	0	198	621	761	926	804	683	356	0	0	0
pv-array-6 (yellow)	0	0	0	66	246	223	279	129	0	0	0	0
pv-array-7 (green)	0	0	327	434	750	1056	938	486	366	66	0	0
pv-array-7 (yellow)	0	0	126	366	289	0	134	412	224	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

PV array 1 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0

OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	1078	0
OP: OP 9	1664	34
OP: OP 10	1883	251
OP: OP 11	1606	552
OP: OP 12	1954	246
OP: OP 13	1991	95
OP: OP 14	1043	0
OP: OP 15	652	0
OP: OP 16	410	0
OP: OP 17	262	0
OP: OP 18	198	0
OP: OP 19	17	0
OP: OP 20	39	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	2796	0
OP: OP 31	2320	0
OP: OP 32	1083	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	2960	0
OP: OP 39	2900	1046
OP: OP 40	2930	1582
OP: OP 41	2122	3130
OP: OP 42	2997	2494
OP: OP 43	4110	755
OP: OP 44	4294	0
OP: OP 45	1454	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0

OP: OP 57	0	0
OP: OP 58	4337	459
OP: OP 59	4404	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	18	0

PV array 1: OP 1

No glare found

PV array 1: OP 2

No glare found

PV array 1: OP 3

No glare found

PV array 1: OP 4

No glare found

PV array 1: OP 5

No glare found

PV array 1: OP 6

No glare found

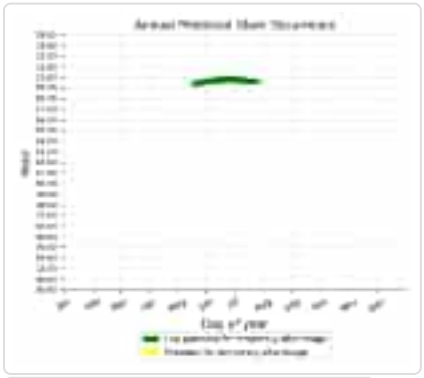
PV array 1: OP 7

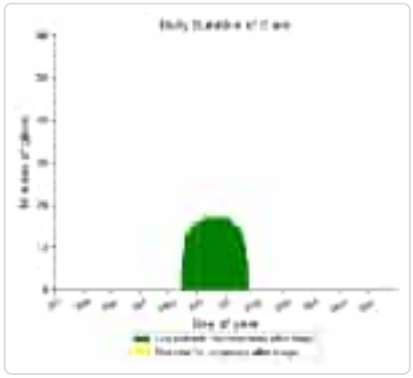
No glare found

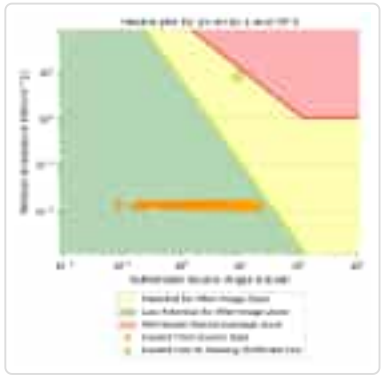
PV array 1: OP 8

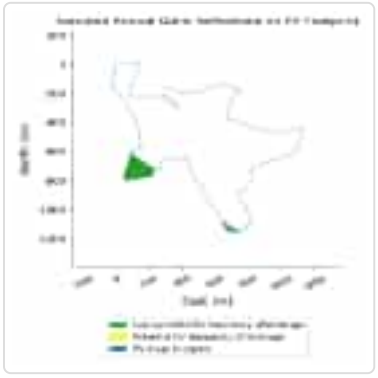
PV array is expected to produce the following glare for this receptor:

- 1,078 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





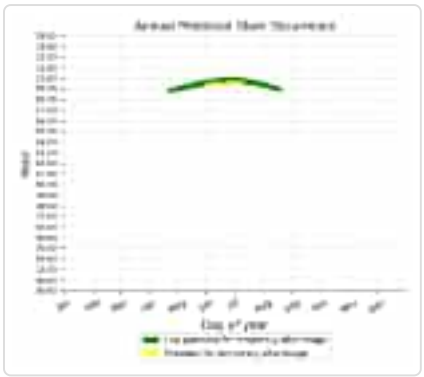


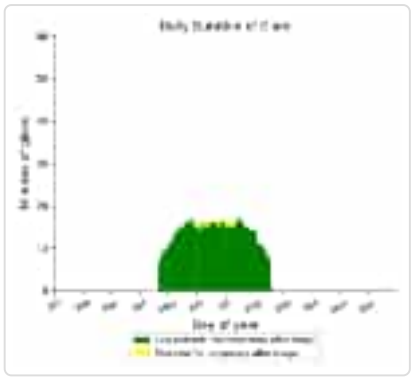


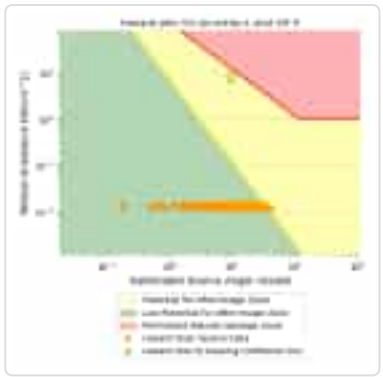
PV array 1: OP 9

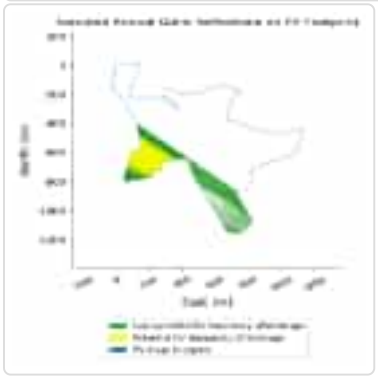
PV array is expected to produce the following glare for this receptor:

- 1,664 minutes of "green" glare with low potential to cause temporary after-image.
- 34 minutes of "yellow" glare with potential to cause temporary after-image.





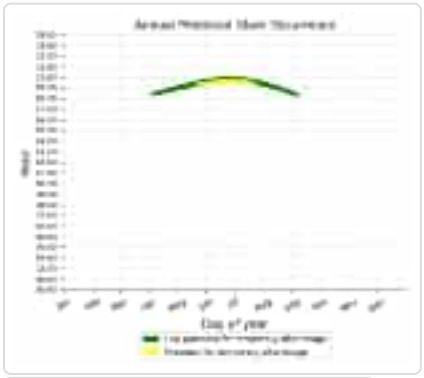


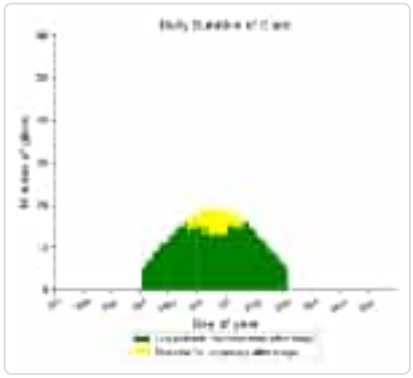


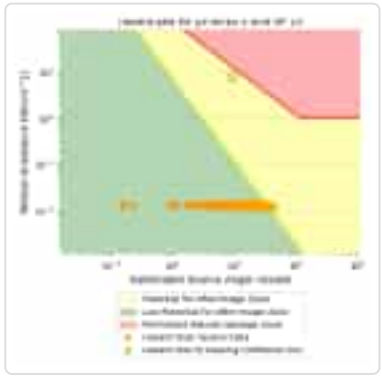
PV array 1: OP 10

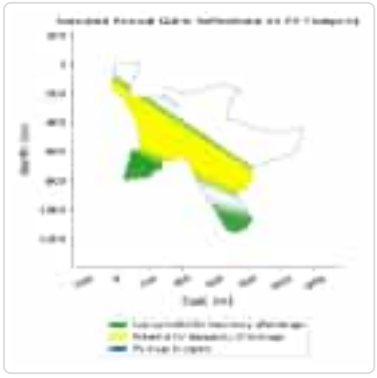
PV array is expected to produce the following glare for this receptor:

- 1,883 minutes of "green" glare with low potential to cause temporary after-image.
- 251 minutes of "yellow" glare with potential to cause temporary after-image.





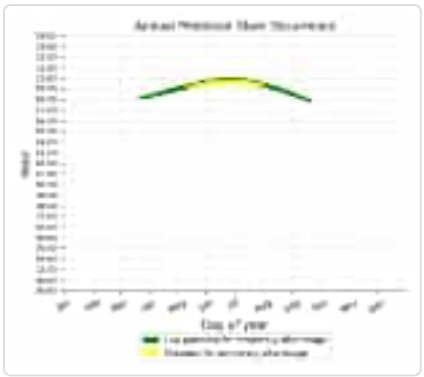


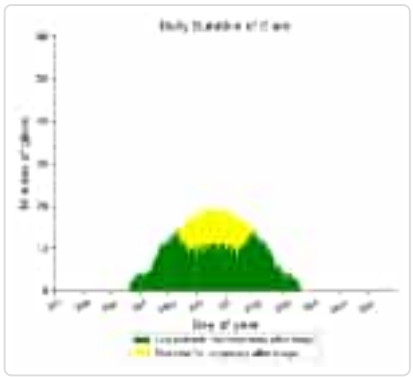


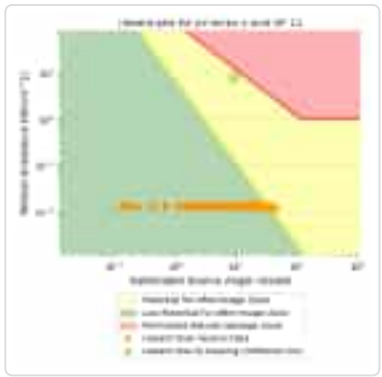
PV array 1: OP 11

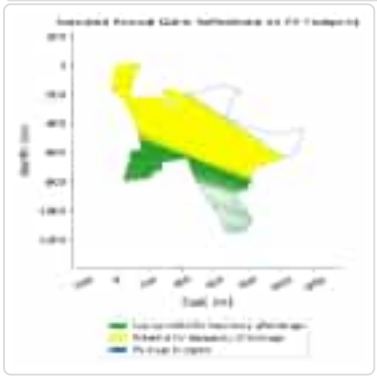
PV array is expected to produce the following glare for this receptor:

- 1,606 minutes of "green" glare with low potential to cause temporary after-image.
- 552 minutes of "yellow" glare with potential to cause temporary after-image.





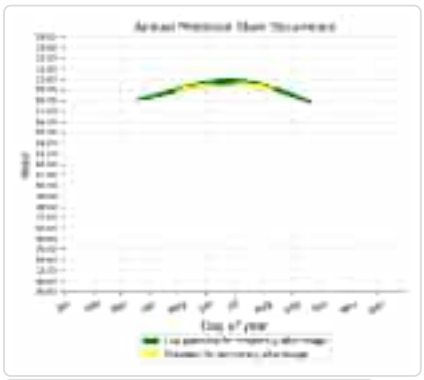


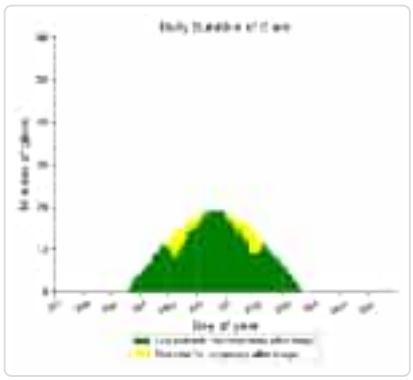


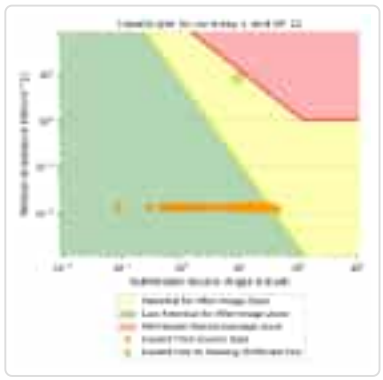
PV array 1: OP 12

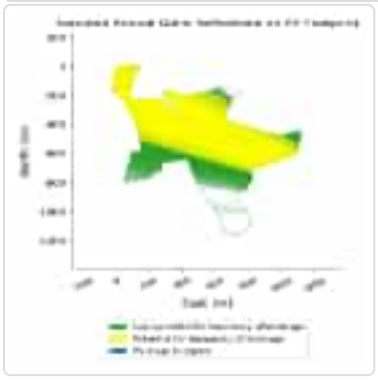
PV array is expected to produce the following glare for this receptor:

- 1,954 minutes of "green" glare with low potential to cause temporary after-image.
- 246 minutes of "yellow" glare with potential to cause temporary after-image.





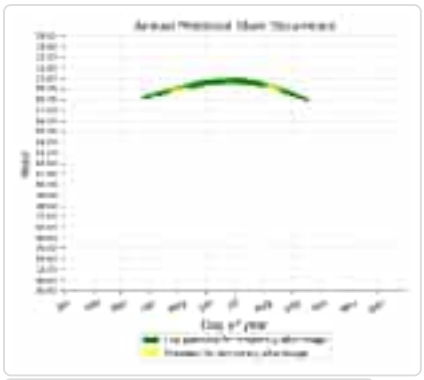


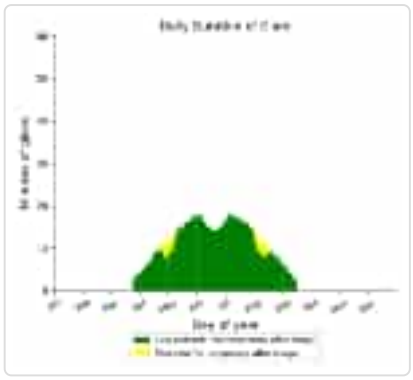


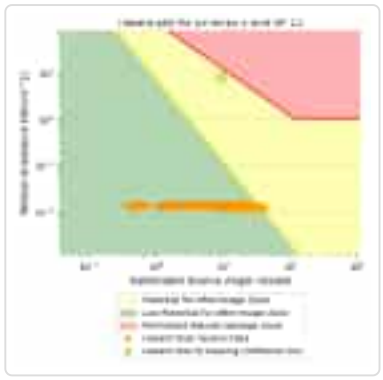
PV array 1: OP 13

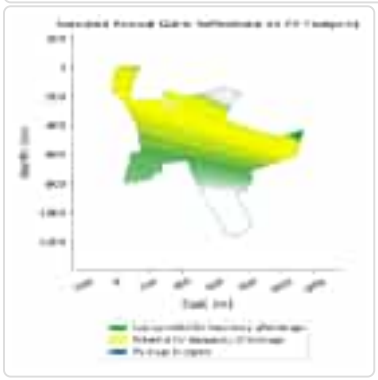
PV array is expected to produce the following glare for this receptor:

- 1,991 minutes of "green" glare with low potential to cause temporary after-image.
- 95 minutes of "yellow" glare with potential to cause temporary after-image.





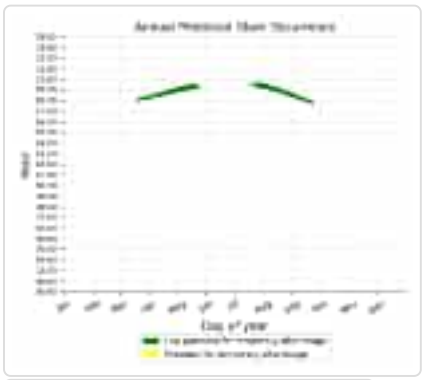


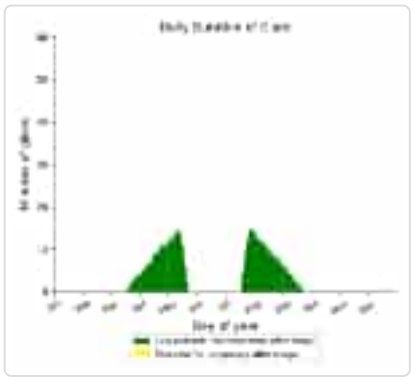


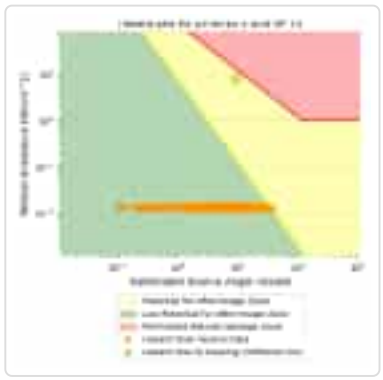
PV array 1: OP 14

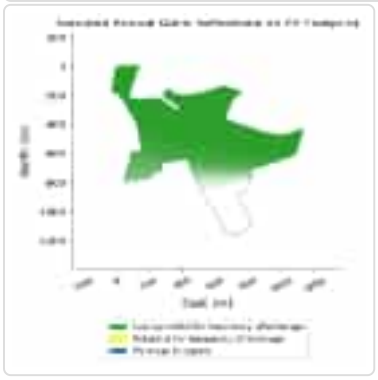
PV array is expected to produce the following glare for this receptor:

- 1,043 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





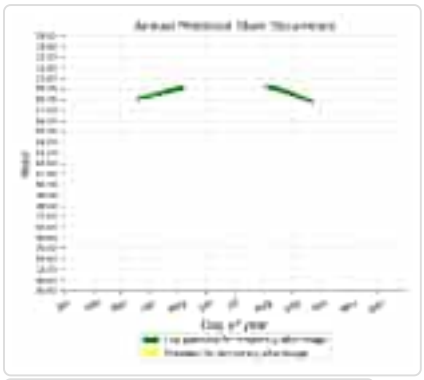


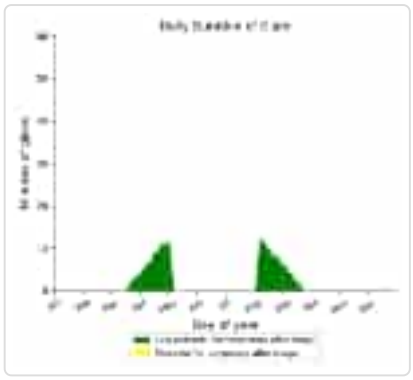


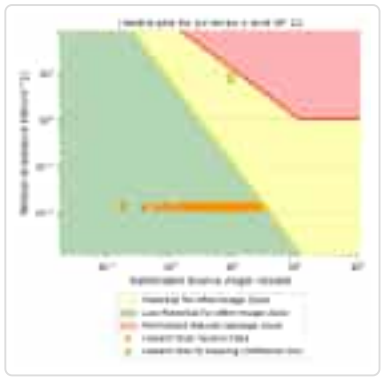
PV array 1: OP 15

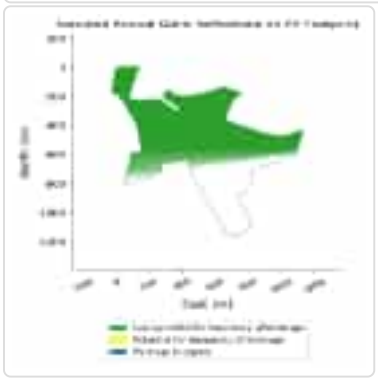
PV array is expected to produce the following glare for this receptor:

- 652 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





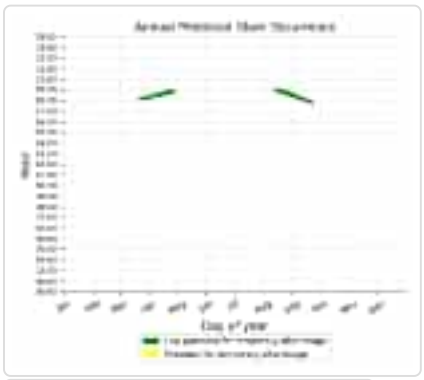


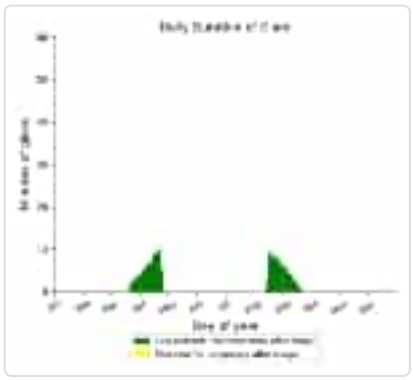


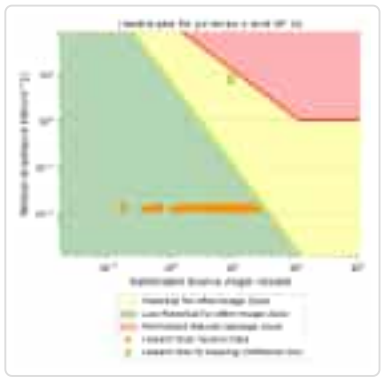
PV array 1: OP 16

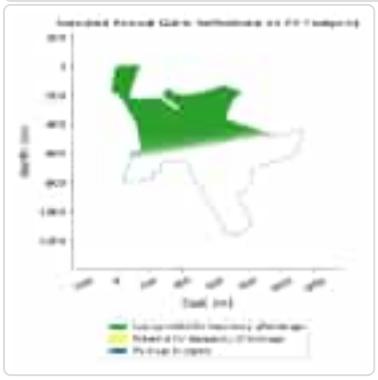
PV array is expected to produce the following glare for this receptor:

- 410 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





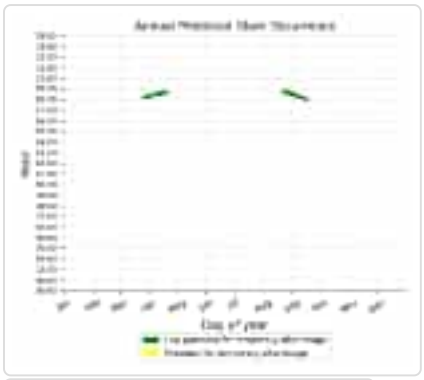


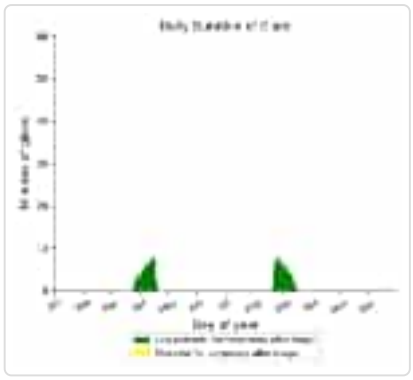


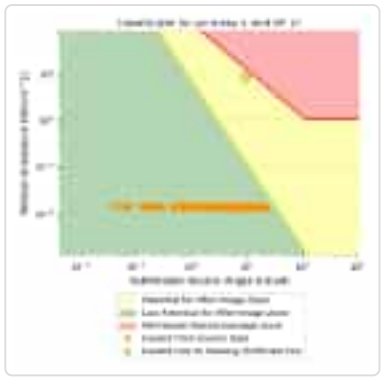
PV array 1: OP 17

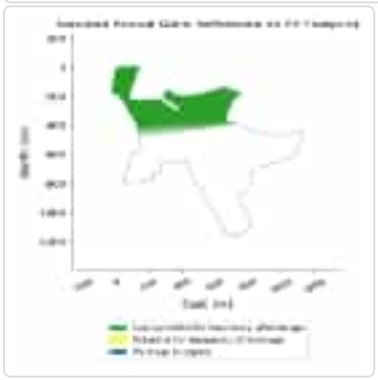
PV array is expected to produce the following glare for this receptor:

- 262 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





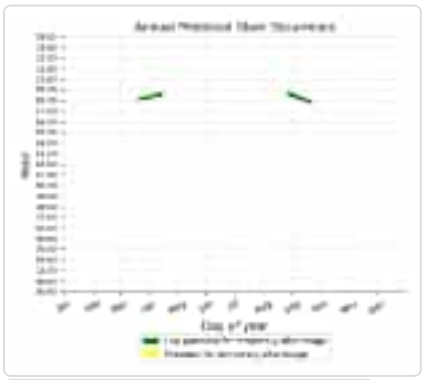


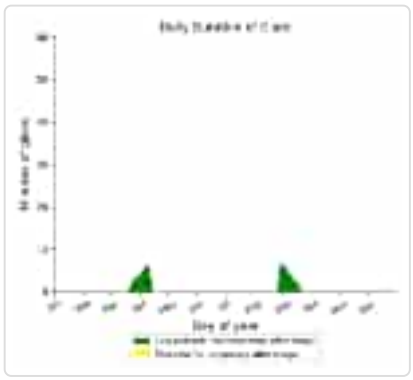


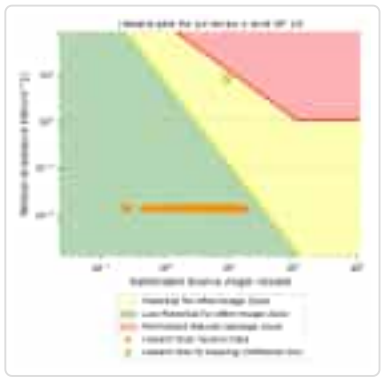
PV array 1: OP 18

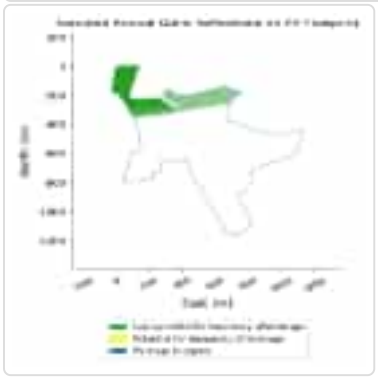
PV array is expected to produce the following glare for this receptor:

- 198 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





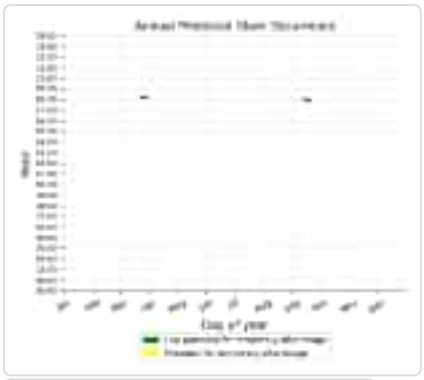


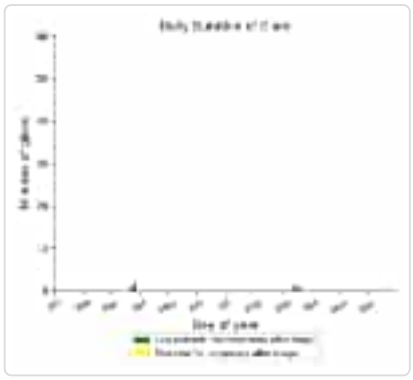


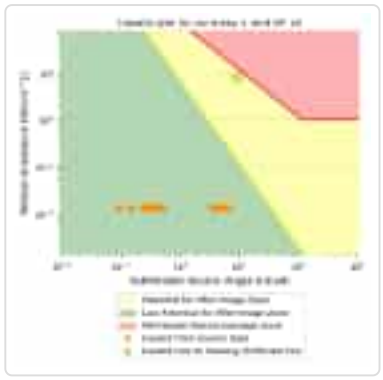
PV array 1: OP 19

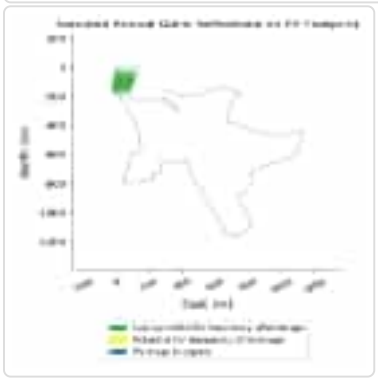
PV array is expected to produce the following glare for this receptor:

- 17 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





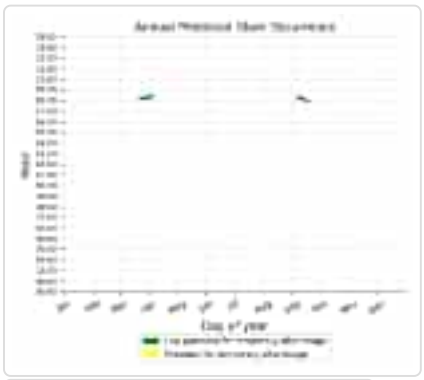


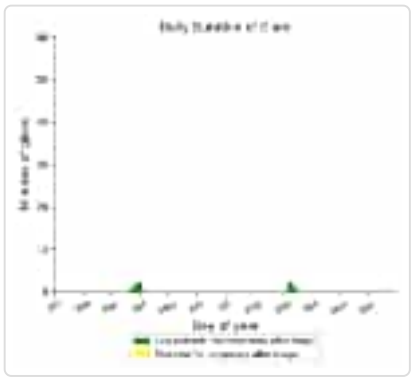


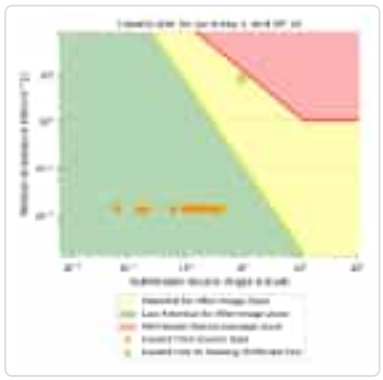
PV array 1: OP 20

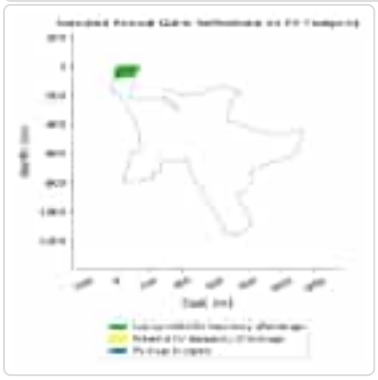
PV array is expected to produce the following glare for this receptor:

- 39 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 21

No glare found

PV array 1: OP 22

No glare found

PV array 1: OP 23

No glare found

PV array 1: OP 24

No glare found

PV array 1: OP 25

No glare found

PV array 1: OP 26

No glare found

PV array 1: OP 27

No glare found

PV array 1: OP 28

No glare found

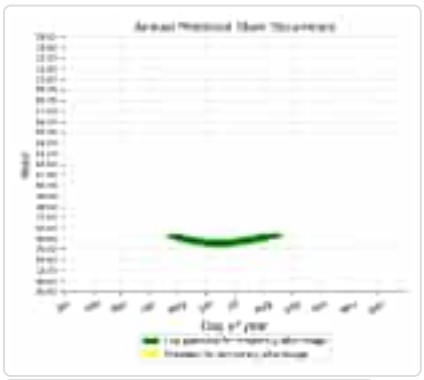
PV array 1: OP 29

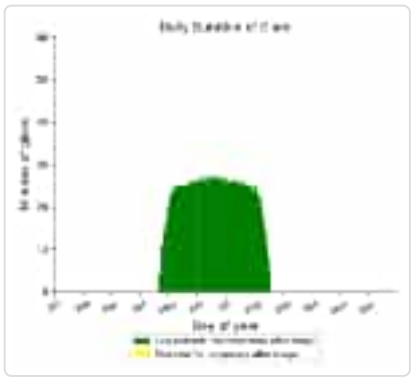
No glare found

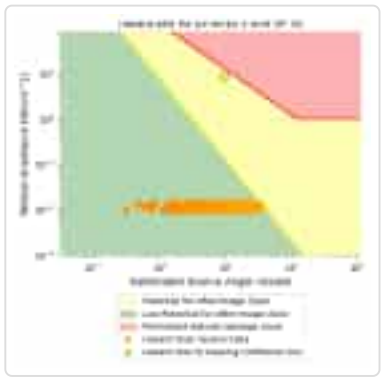
PV array 1: OP 30

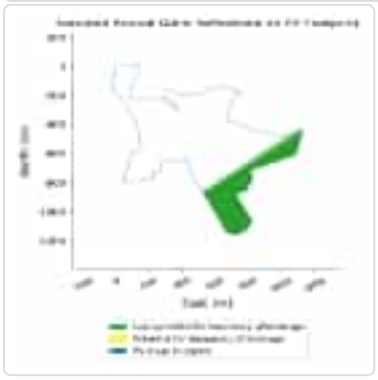
PV array is expected to produce the following glare for this receptor:

- 2,796 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





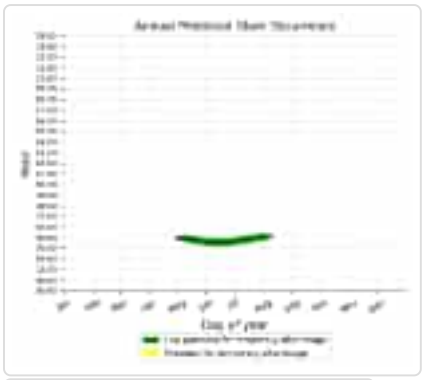


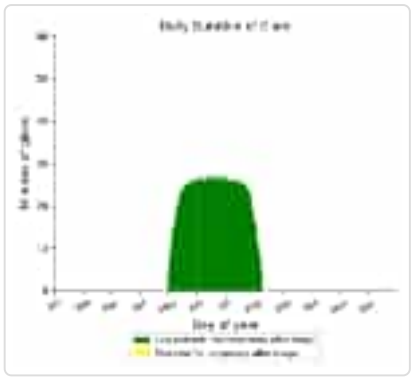


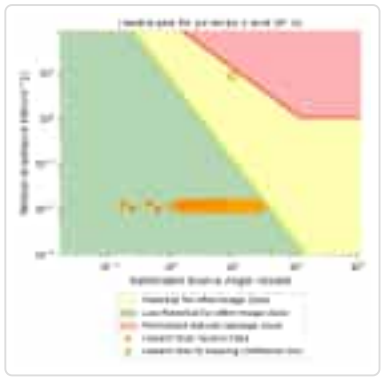
PV array 1: OP 31

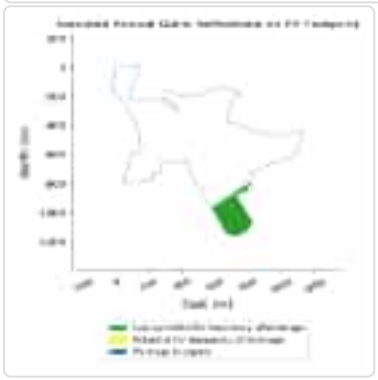
PV array is expected to produce the following glare for this receptor:

- 2,320 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





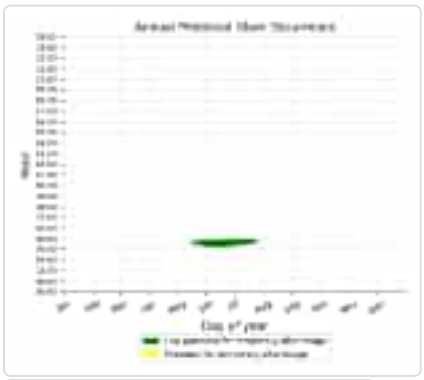


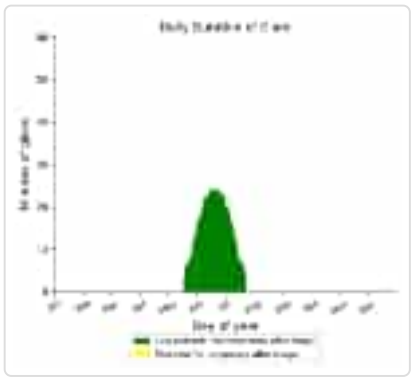


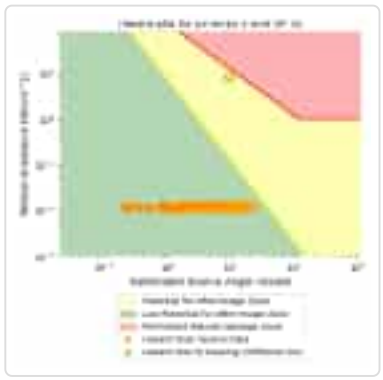
PV array 1: OP 32

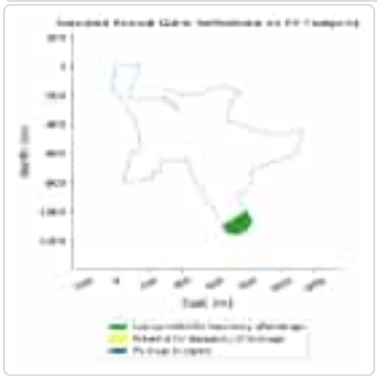
PV array is expected to produce the following glare for this receptor:

- 1,083 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 33

No glare found

PV array 1: OP 34

No glare found

PV array 1: OP 35

No glare found

PV array 1: OP 36

No glare found

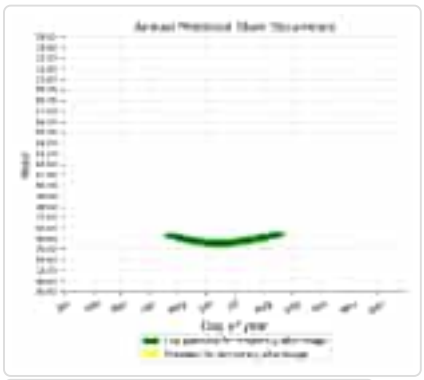
PV array 1: OP 37

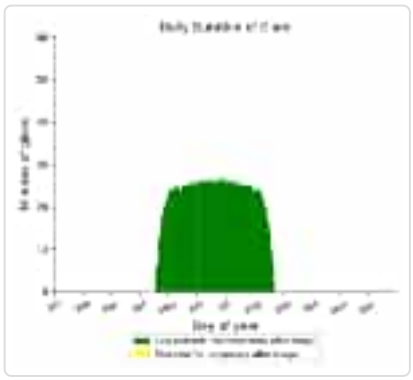
No glare found

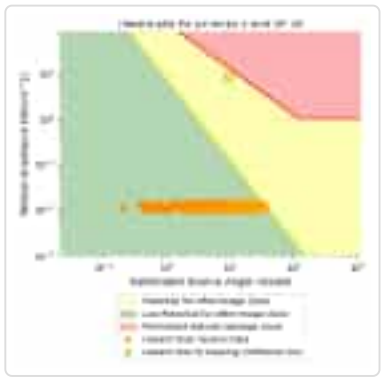
PV array 1: OP 38

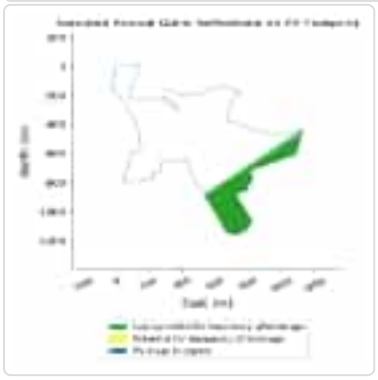
PV array is expected to produce the following glare for this receptor:

- 2,960 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





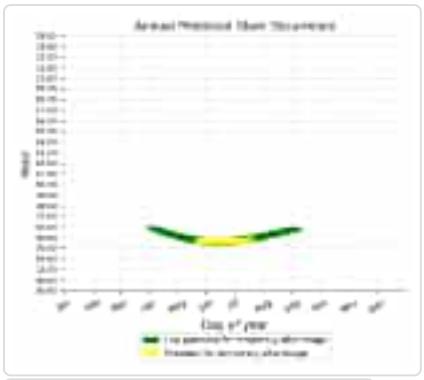


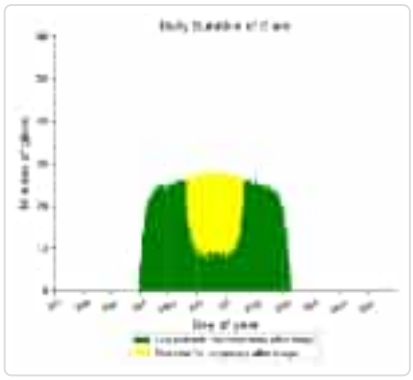


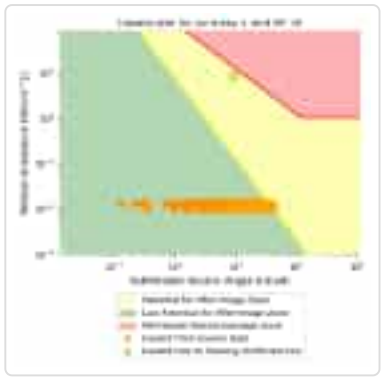
PV array 1: OP 39

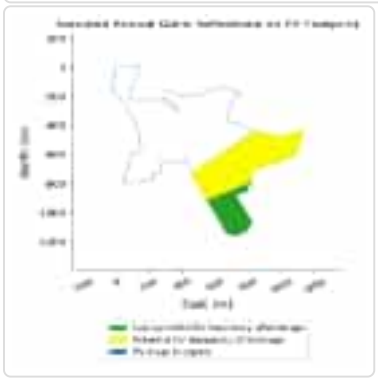
PV array is expected to produce the following glare for this receptor:

- 2,900 minutes of "green" glare with low potential to cause temporary after-image.
- 1,046 minutes of "yellow" glare with potential to cause temporary after-image.





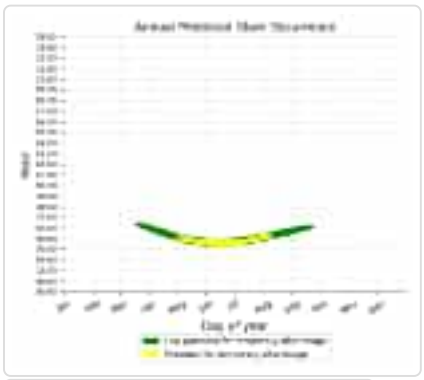


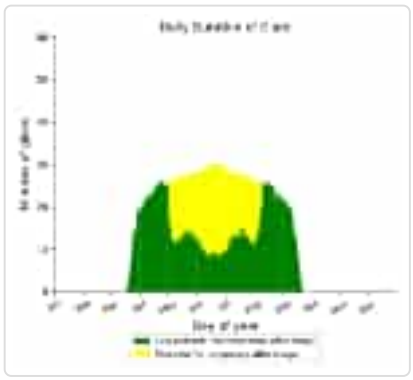


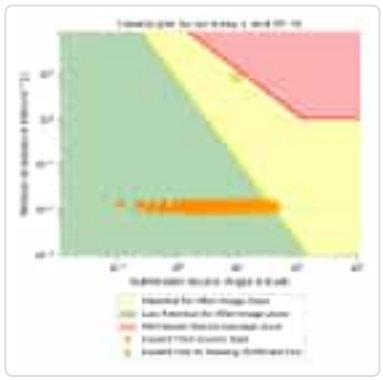
PV array 1: OP 40

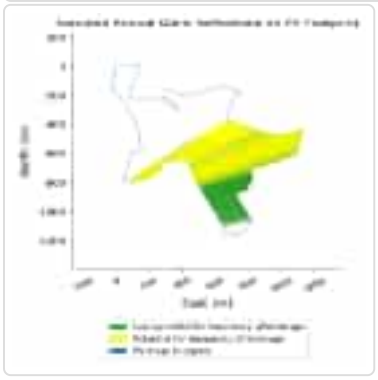
PV array is expected to produce the following glare for this receptor:

- 2,930 minutes of "green" glare with low potential to cause temporary after-image.
- 1,582 minutes of "yellow" glare with potential to cause temporary after-image.





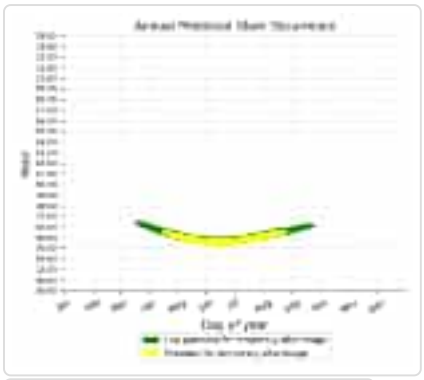


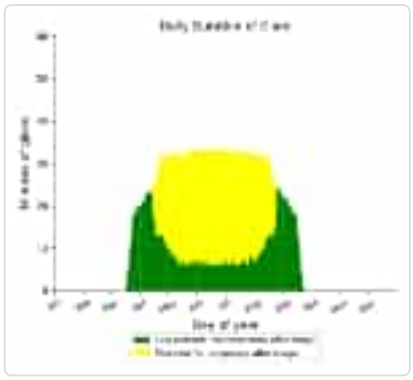


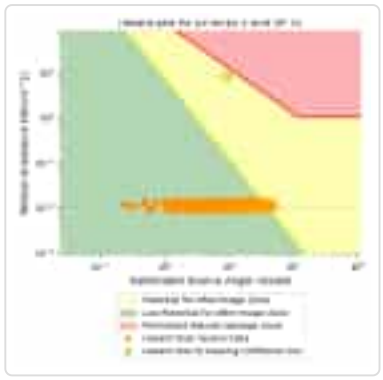
PV array 1: OP 41

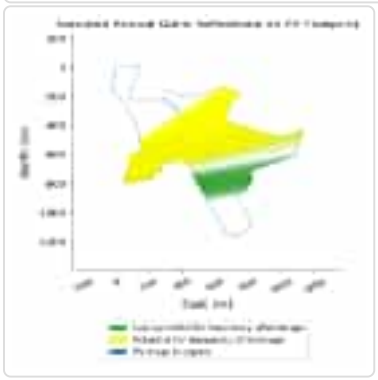
PV array is expected to produce the following glare for this receptor:

- 2,122 minutes of "green" glare with low potential to cause temporary after-image.
- 3,130 minutes of "yellow" glare with potential to cause temporary after-image.





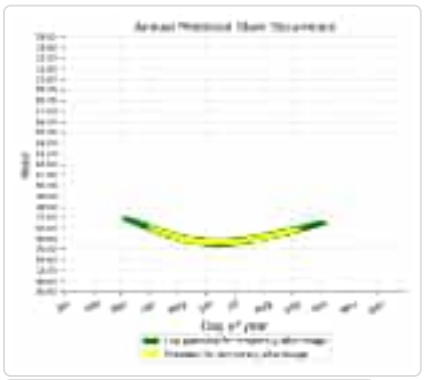


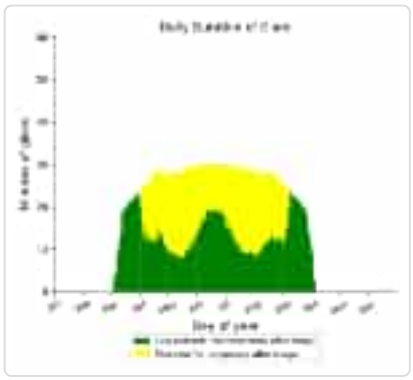


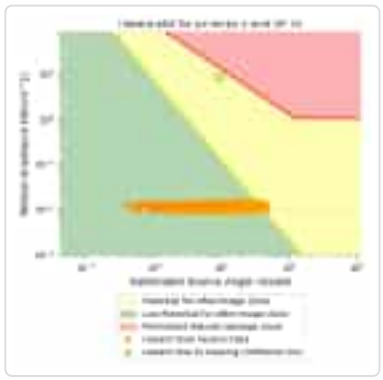
PV array 1: OP 42

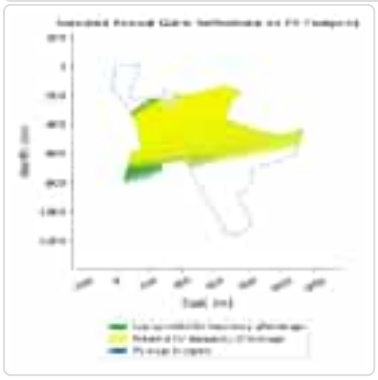
PV array is expected to produce the following glare for this receptor:

- 2,997 minutes of "green" glare with low potential to cause temporary after-image.
- 2,494 minutes of "yellow" glare with potential to cause temporary after-image.





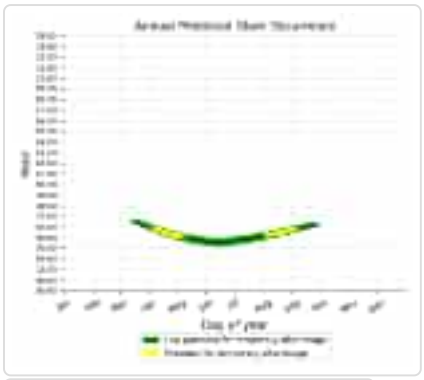


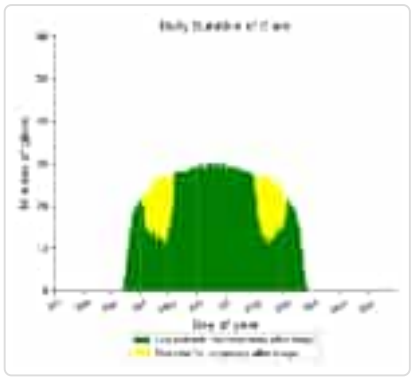


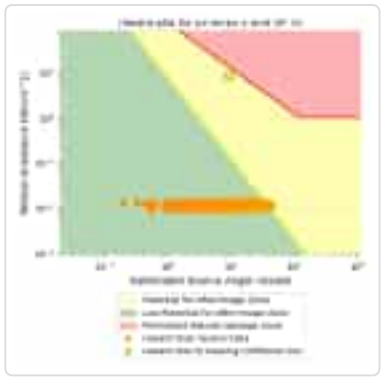
PV array 1: OP 43

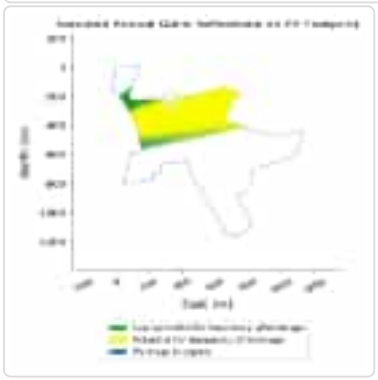
PV array is expected to produce the following glare for this receptor:

- 4,110 minutes of "green" glare with low potential to cause temporary after-image.
- 755 minutes of "yellow" glare with potential to cause temporary after-image.





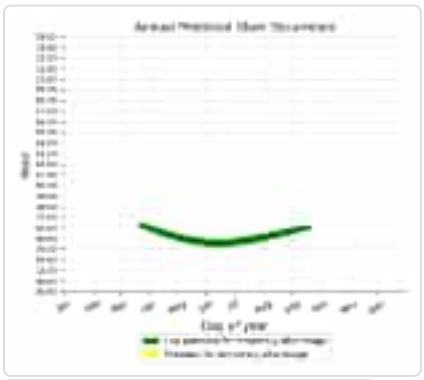


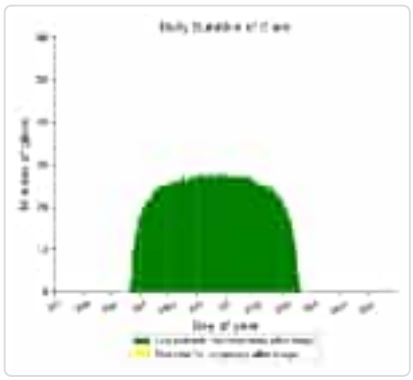


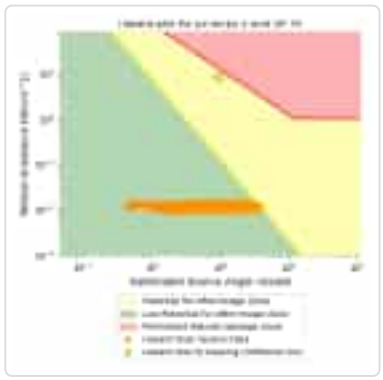
PV array 1: OP 44

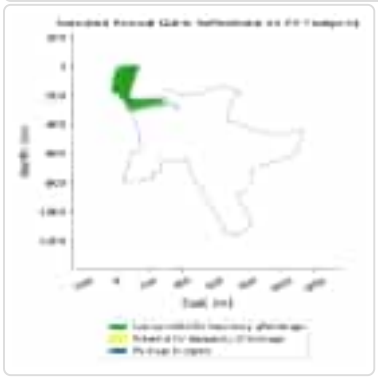
PV array is expected to produce the following glare for this receptor:

- 4,294 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





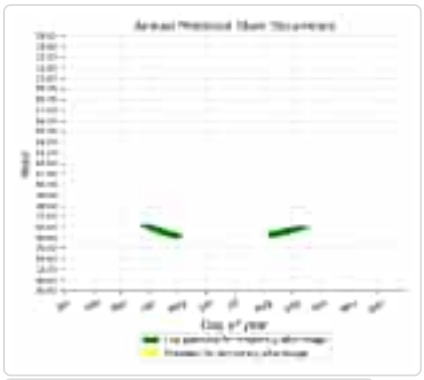


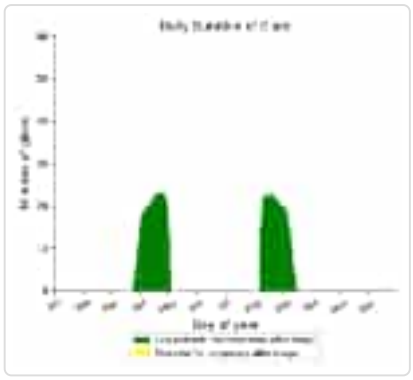


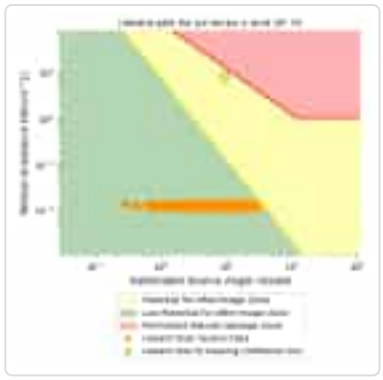
PV array 1: OP 45

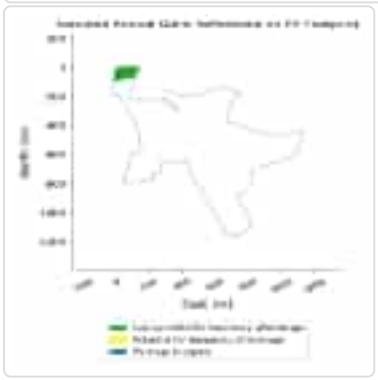
PV array is expected to produce the following glare for this receptor:

- 1,454 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 46

No glare found

PV array 1: OP 47

No glare found

PV array 1: OP 48

No glare found

PV array 1: OP 49

No glare found

PV array 1: OP 50

No glare found

PV array 1: OP 51

No glare found

PV array 1: OP 52

No glare found

PV array 1: OP 53

No glare found

PV array 1: OP 54

No glare found

PV array 1: OP 55

No glare found

PV array 1: OP 56

No glare found

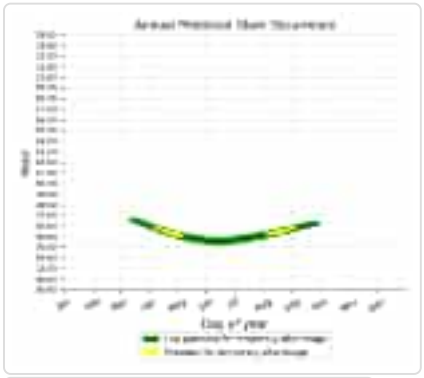
PV array 1: OP 57

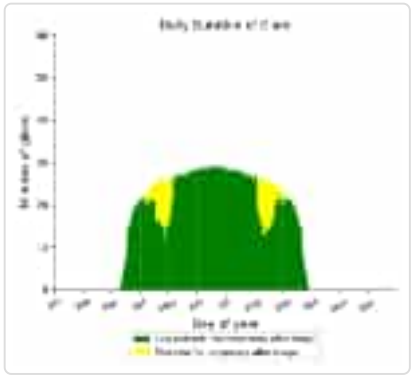
No glare found

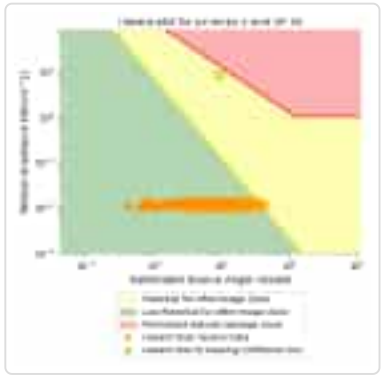
PV array 1: OP 58

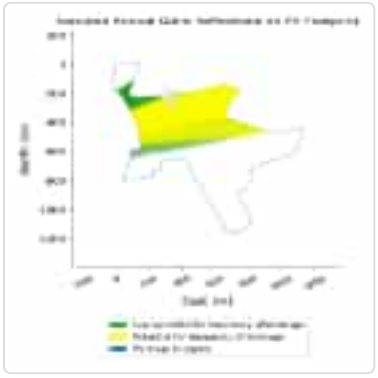
PV array is expected to produce the following glare for this receptor:

- 4,337 minutes of "green" glare with low potential to cause temporary after-image.
- 459 minutes of "yellow" glare with potential to cause temporary after-image.





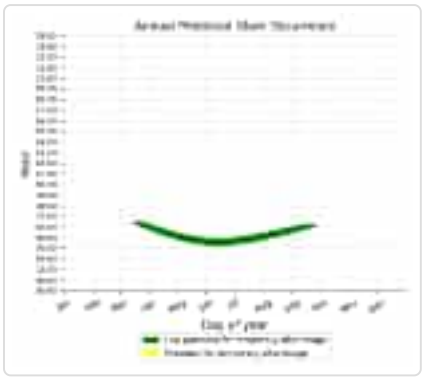


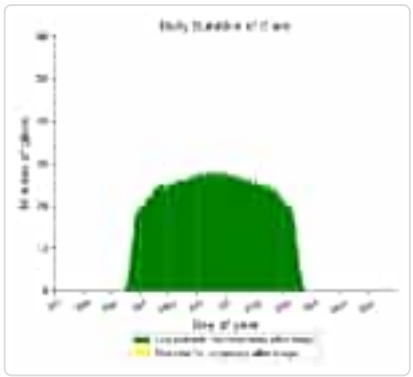


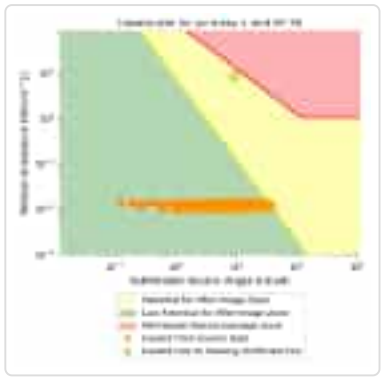
PV array 1: OP 59

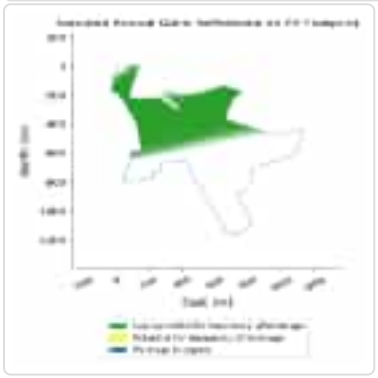
PV array is expected to produce the following glare for this receptor:

- 4,404 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 60

No glare found

PV array 1: OP 61

No glare found

PV array 1: OP 62

No glare found

PV array 1: OP 63

No glare found

PV array 1: OP 64

No glare found

PV array 1: OP 65

No glare found

PV array 1: OP 66

No glare found

PV array 1: OP 67

No glare found

PV array 1: OP 68

No glare found

PV array 1: OP 69

No glare found

PV array 1: OP 70

No glare found

PV array 1: OP 71

No glare found

PV array 1: OP 72

No glare found

PV array 1: OP 73

No glare found

PV array 1: OP 74

No glare found

PV array 1: OP 75

No glare found

PV array 1: OP 76

No glare found

PV array 1: OP 77

No glare found

PV array 1: OP 78

No glare found

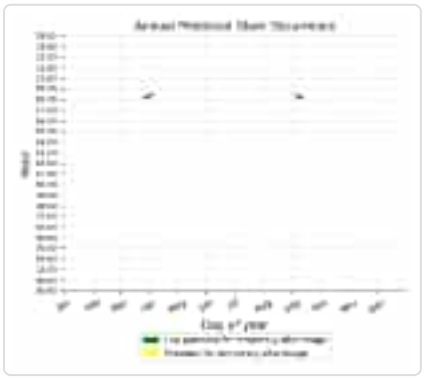
PV array 1: OP 79

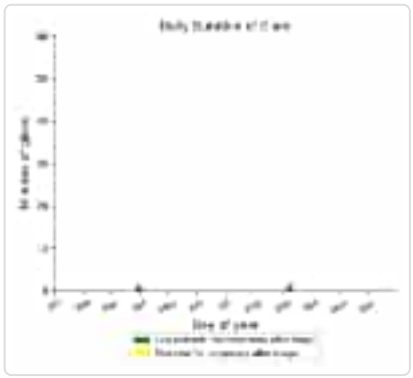
No glare found

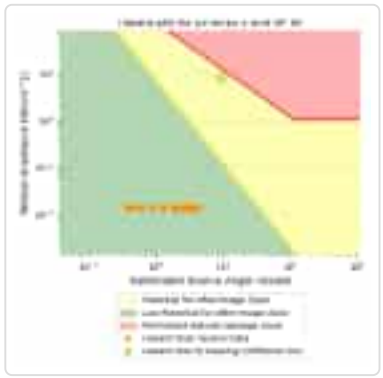
PV array 1: OP 80

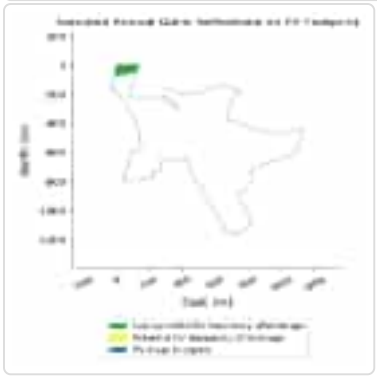
PV array is expected to produce the following glare for this receptor:

- 18 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 11 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
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OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 12 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 13 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 14 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 15 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 2 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	271	0
OP: OP 15	2216	57
OP: OP 16	3208	84
OP: OP 17	2487	1390
OP: OP 18	2221	2027

OP: OP 19	3083	1213
OP: OP 20	3740	385
OP: OP 21	3546	89
OP: OP 22	2436	0
OP: OP 23	1764	0
OP: OP 24	1191	0
OP: OP 25	762	0
OP: OP 26	336	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	495	0
OP: OP 30	955	0
OP: OP 31	465	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	895	0
OP: OP 39	1357	0
OP: OP 40	1481	0
OP: OP 41	1688	0
OP: OP 42	2031	0
OP: OP 43	2081	0
OP: OP 44	2089	0
OP: OP 45	1779	0
OP: OP 46	930	0
OP: OP 47	886	0
OP: OP 48	654	0
OP: OP 49	408	0
OP: OP 50	144	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	2070	0
OP: OP 59	2061	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	643	0
OP: OP 66	579	0
OP: OP 67	745	0
OP: OP 68	653	0
OP: OP 69	443	0
OP: OP 70	589	0
OP: OP 71	661	0
OP: OP 72	747	0

OP: OP 73	1700	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	3822	405
OP: OP 77	2483	58
OP: OP 78	1625	0
OP: OP 79	3468	1259
OP: OP 80	1983	2526

PV array 2: OP 1

No glare found

PV array 2: OP 2

No glare found

PV array 2: OP 3

No glare found

PV array 2: OP 4

No glare found

PV array 2: OP 5

No glare found

PV array 2: OP 6

No glare found

PV array 2: OP 7

No glare found

PV array 2: OP 8

No glare found

PV array 2: OP 9

No glare found

PV array 2: OP 10

No glare found

PV array 2: OP 11

No glare found

PV array 2: OP 12

No glare found

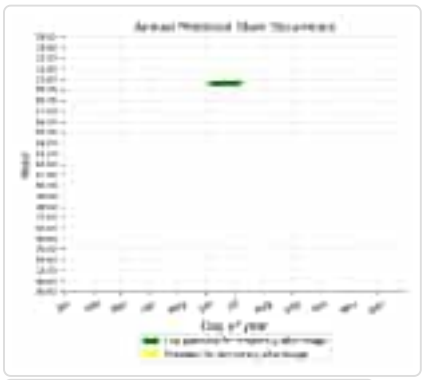
PV array 2: OP 13

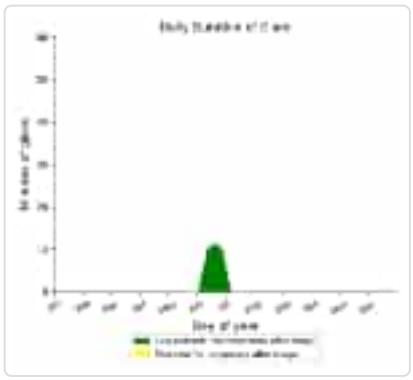
No glare found

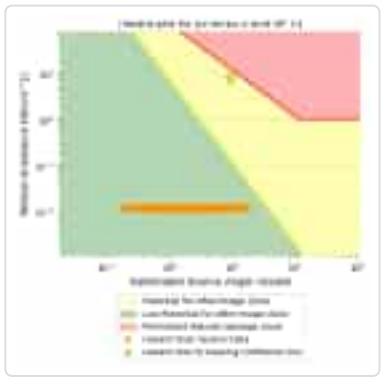
PV array 2: OP 14

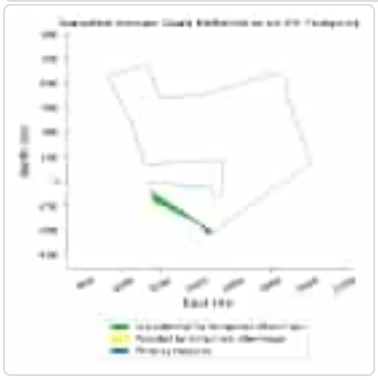
PV array is expected to produce the following glare for this receptor:

- 271 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





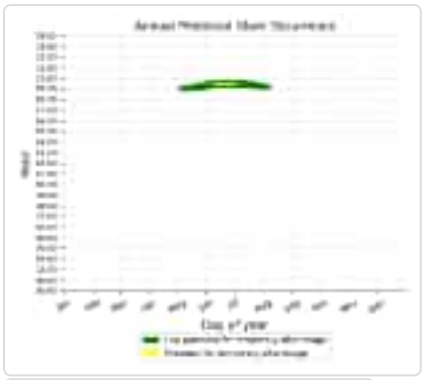


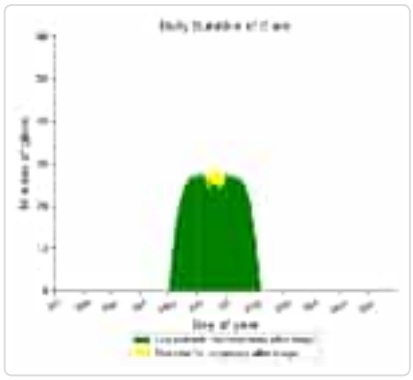


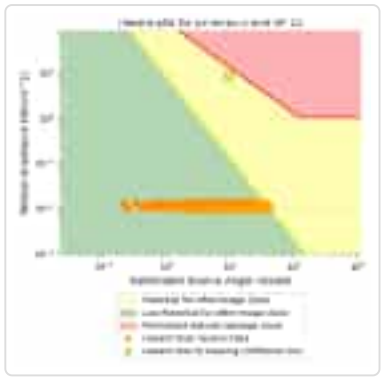
PV array 2: OP 15

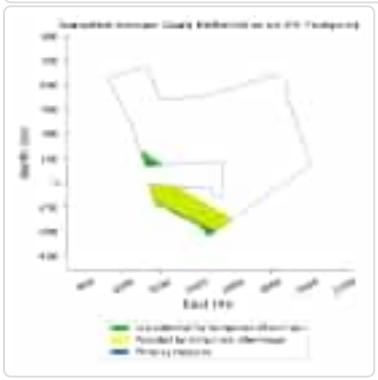
PV array is expected to produce the following glare for this receptor:

- 2,216 minutes of "green" glare with low potential to cause temporary after-image.
- 57 minutes of "yellow" glare with potential to cause temporary after-image.





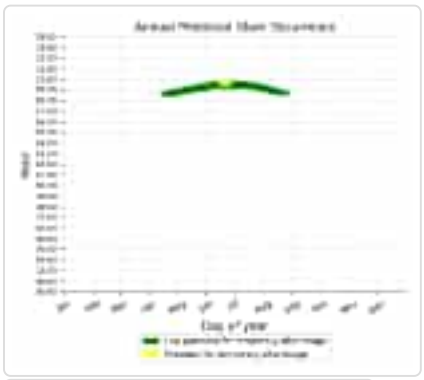


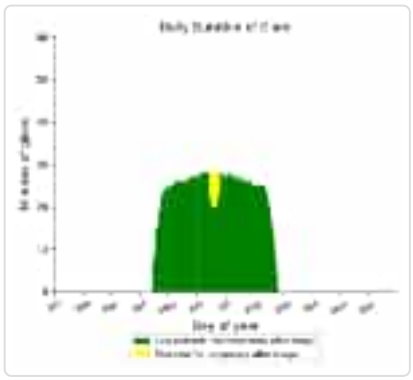


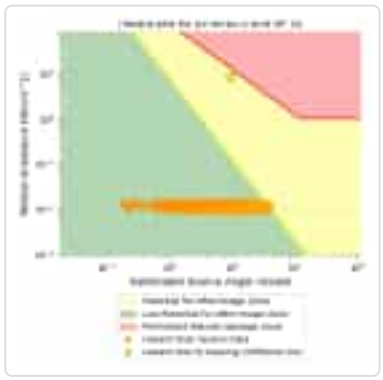
PV array 2: OP 16

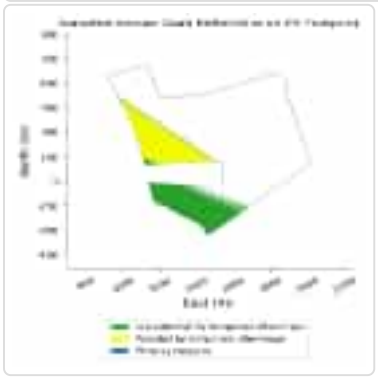
PV array is expected to produce the following glare for this receptor:

- 3,208 minutes of "green" glare with low potential to cause temporary after-image.
- 84 minutes of "yellow" glare with potential to cause temporary after-image.





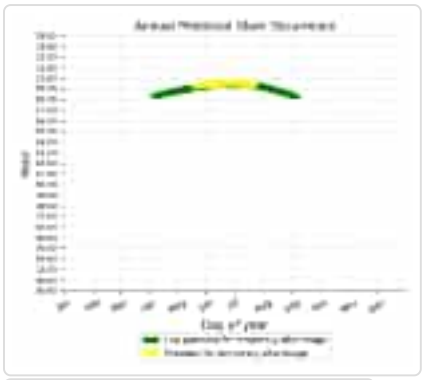


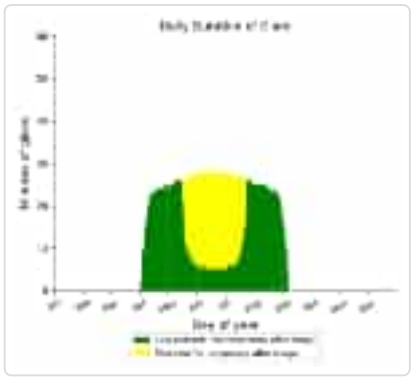


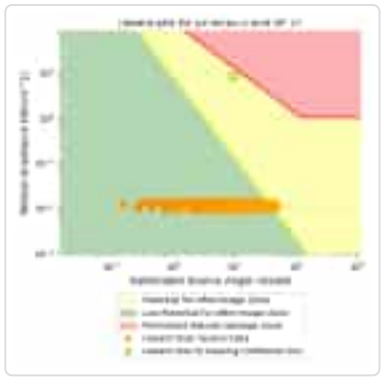
PV array 2: OP 17

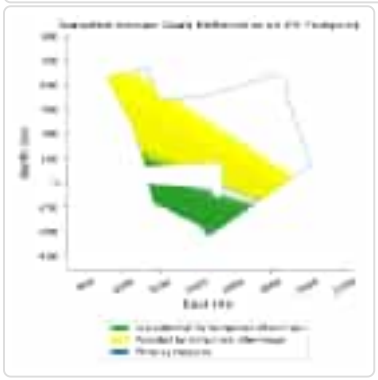
PV array is expected to produce the following glare for this receptor:

- 2,487 minutes of "green" glare with low potential to cause temporary after-image.
- 1,390 minutes of "yellow" glare with potential to cause temporary after-image.





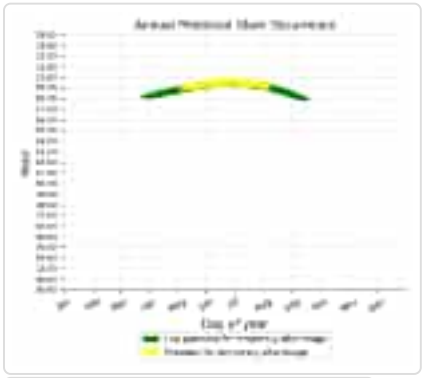


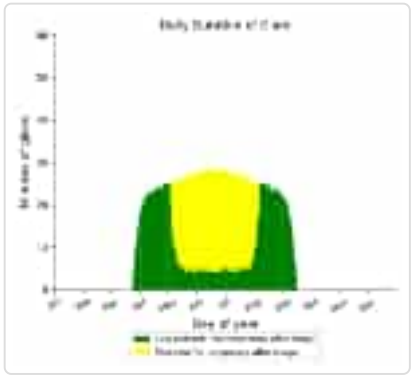


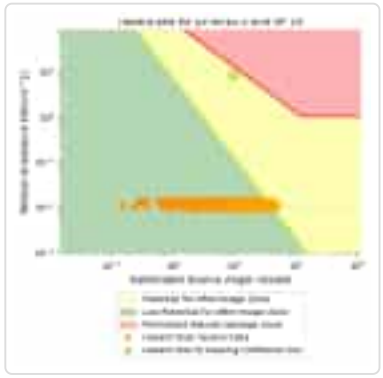
PV array 2: OP 18

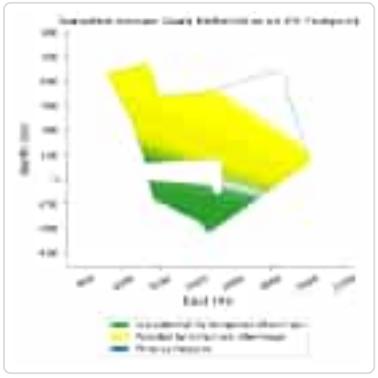
PV array is expected to produce the following glare for this receptor:

- 2,221 minutes of "green" glare with low potential to cause temporary after-image.
- 2,027 minutes of "yellow" glare with potential to cause temporary after-image.





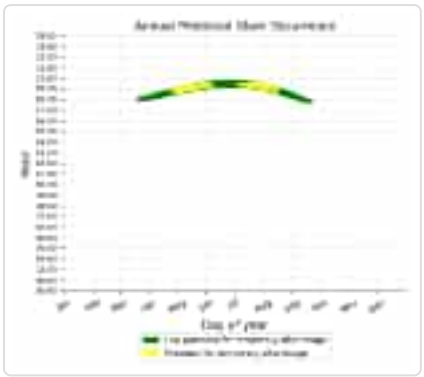


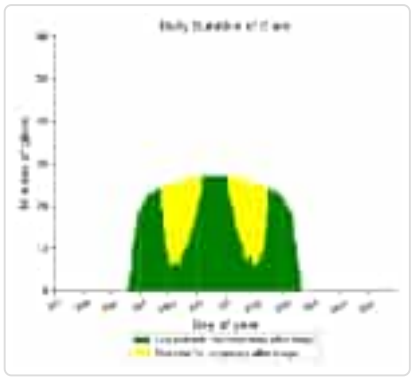


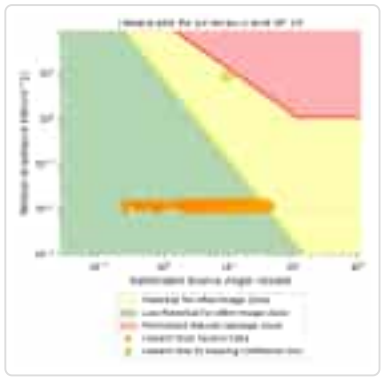
PV array 2: OP 19

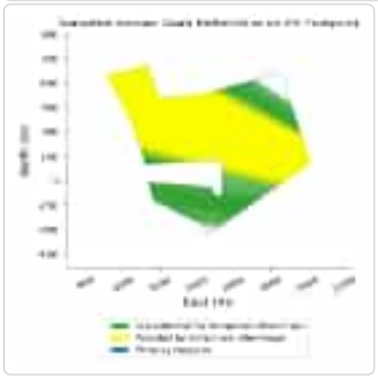
PV array is expected to produce the following glare for this receptor:

- 3,083 minutes of "green" glare with low potential to cause temporary after-image.
- 1,213 minutes of "yellow" glare with potential to cause temporary after-image.





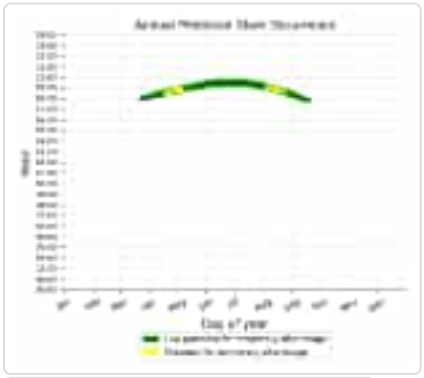


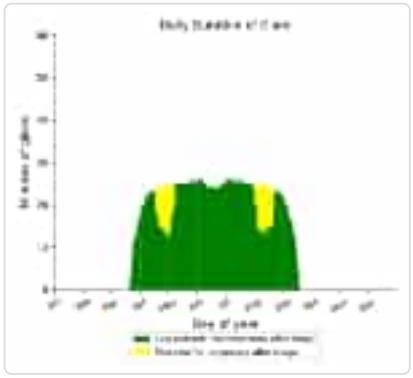


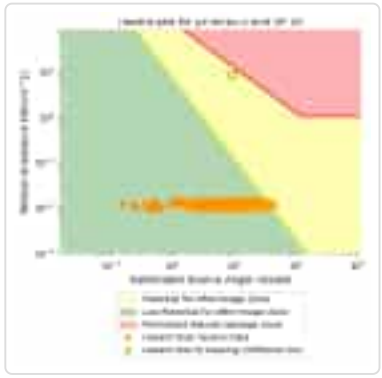
PV array 2: OP 20

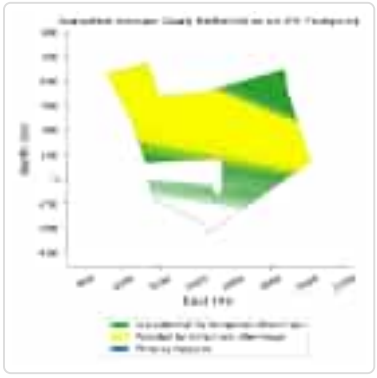
PV array is expected to produce the following glare for this receptor:

- 3,740 minutes of "green" glare with low potential to cause temporary after-image.
- 385 minutes of "yellow" glare with potential to cause temporary after-image.





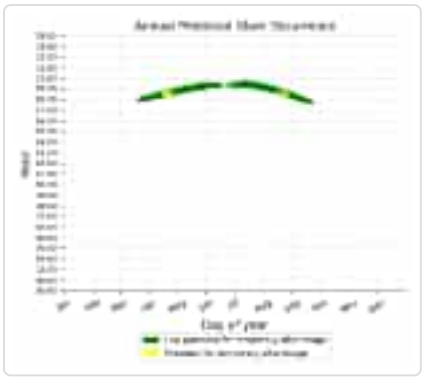


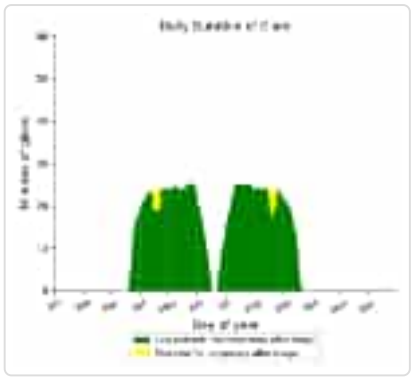


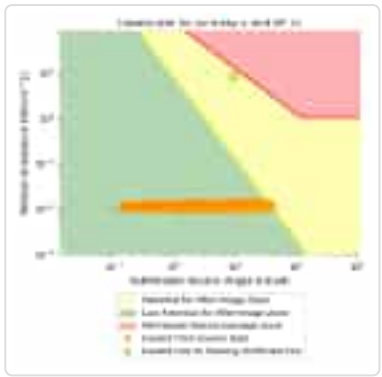
PV array 2: OP 21

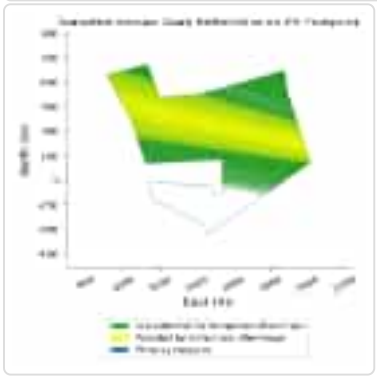
PV array is expected to produce the following glare for this receptor:

- 3,546 minutes of "green" glare with low potential to cause temporary after-image.
- 89 minutes of "yellow" glare with potential to cause temporary after-image.





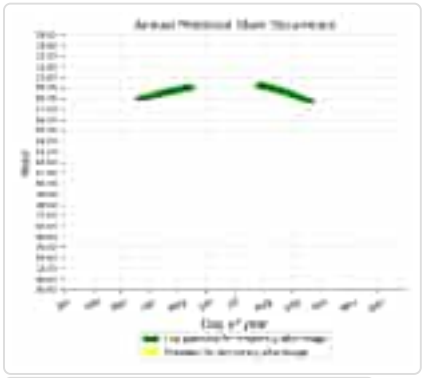


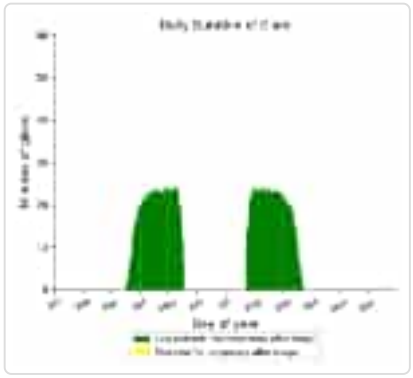


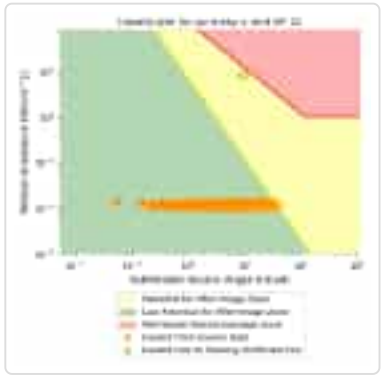
PV array 2: OP 22

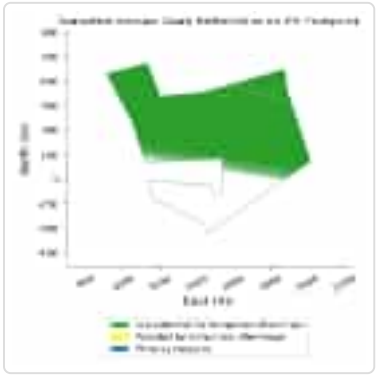
PV array is expected to produce the following glare for this receptor:

- 2,436 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





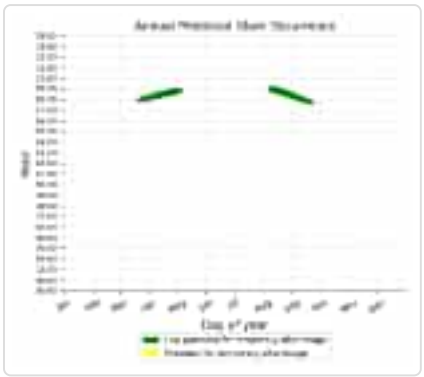


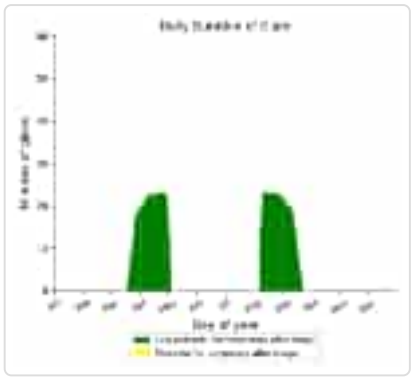


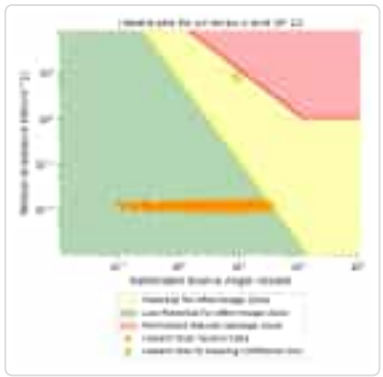
PV array 2: OP 23

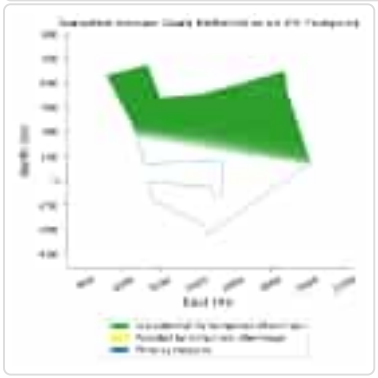
PV array is expected to produce the following glare for this receptor:

- 1,764 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





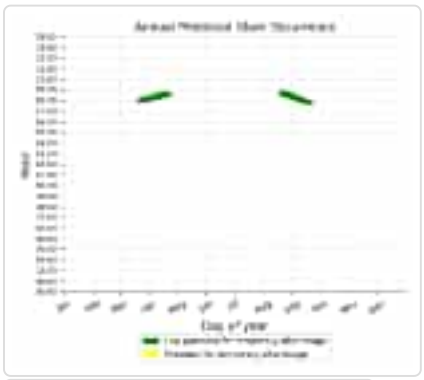


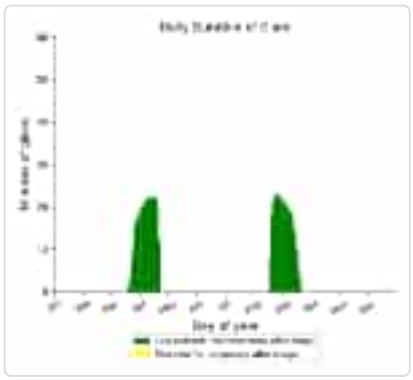


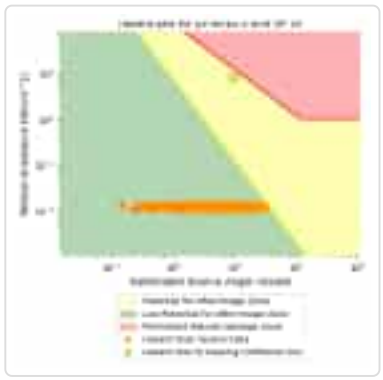
PV array 2: OP 24

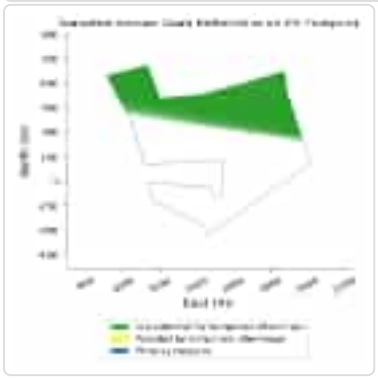
PV array is expected to produce the following glare for this receptor:

- 1,191 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





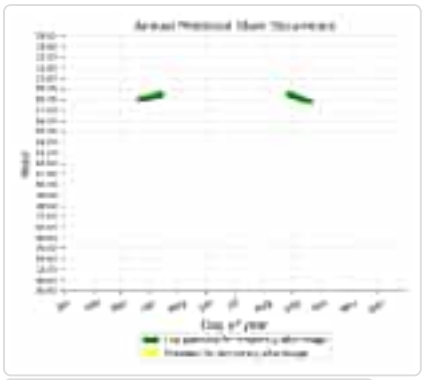


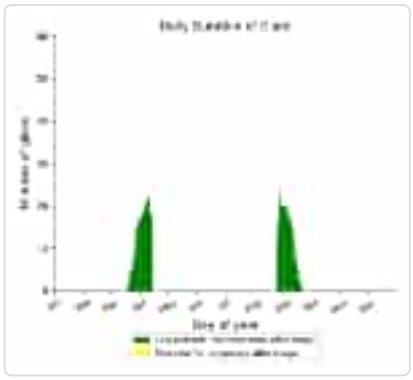


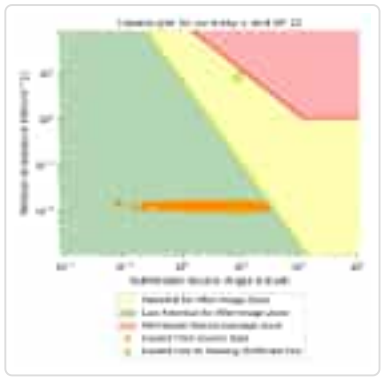
PV array 2: OP 25

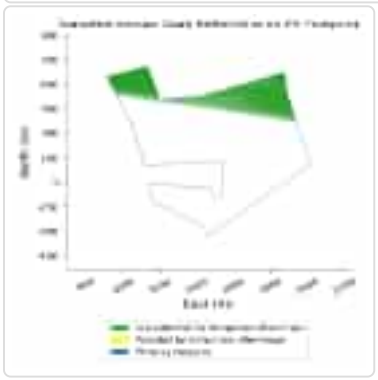
PV array is expected to produce the following glare for this receptor:

- 762 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





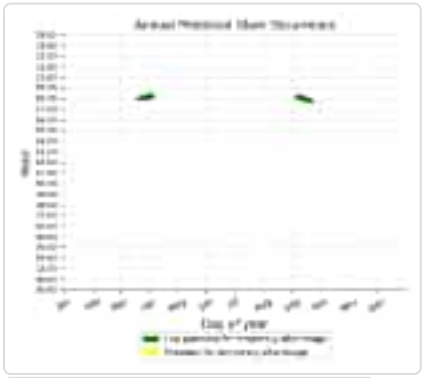


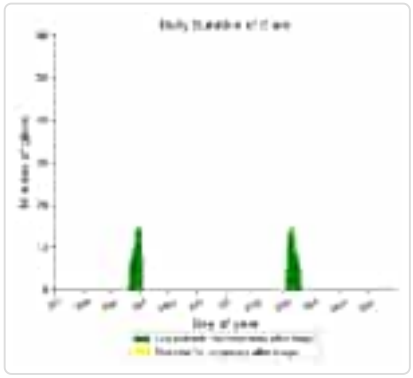


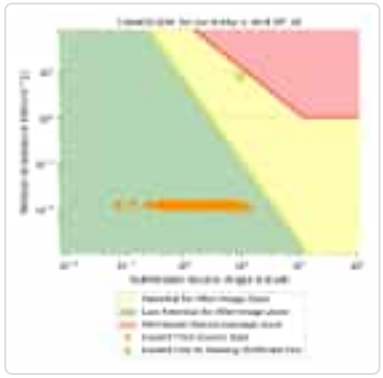
PV array 2: OP 26

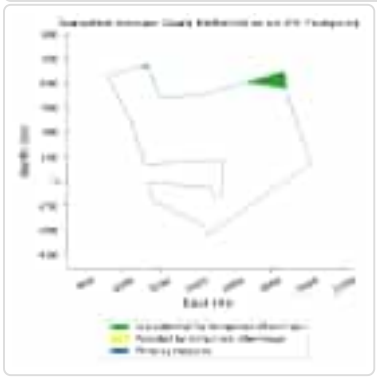
PV array is expected to produce the following glare for this receptor:

- 336 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 27

No glare found

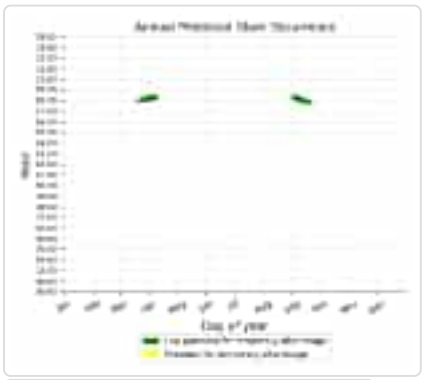
PV array 2: OP 28

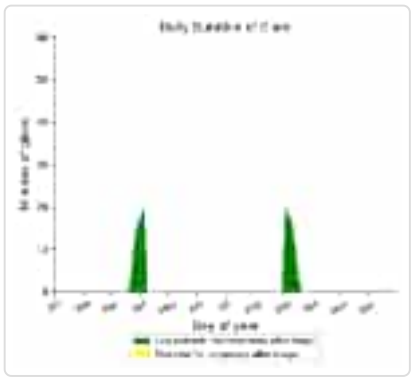
No glare found

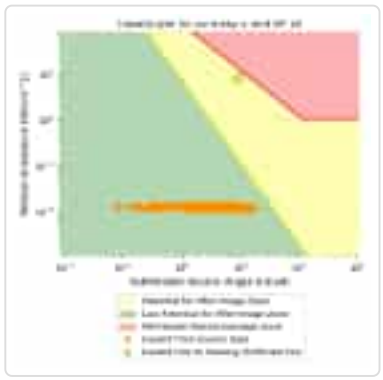
PV array 2: OP 29

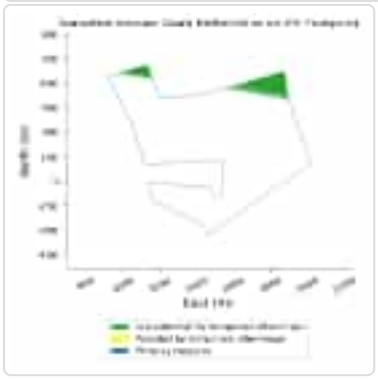
PV array is expected to produce the following glare for this receptor:

- 495 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





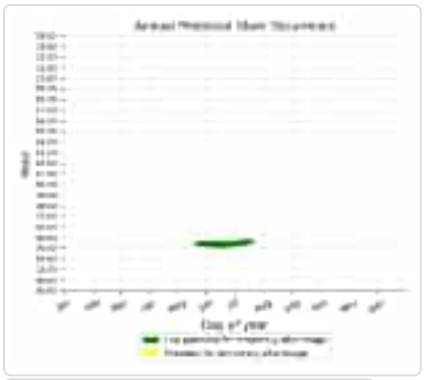


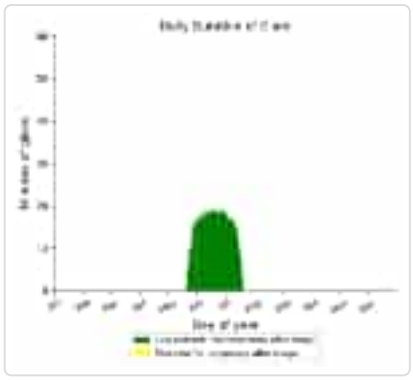


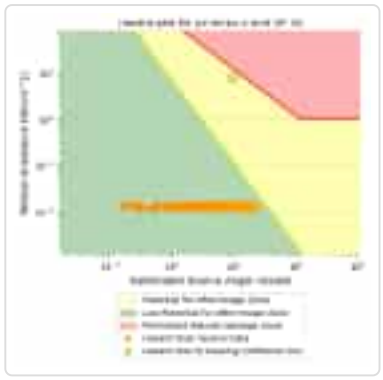
PV array 2: OP 30

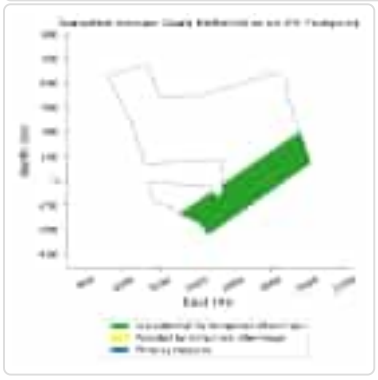
PV array is expected to produce the following glare for this receptor:

- 955 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





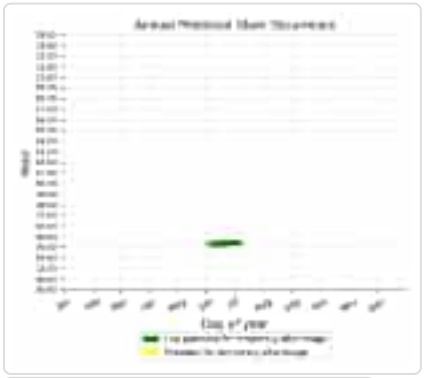


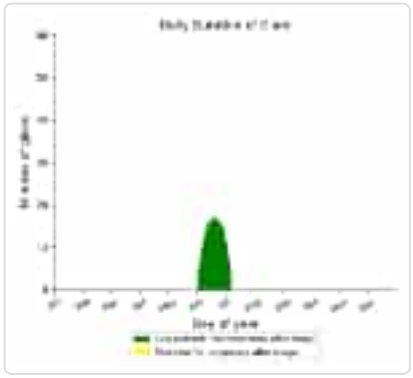


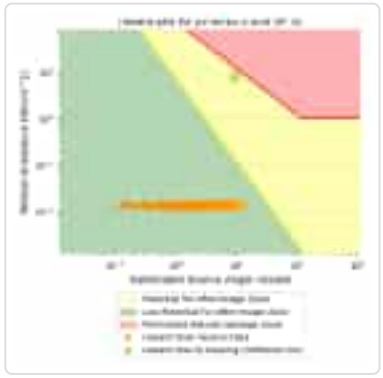
PV array 2: OP 31

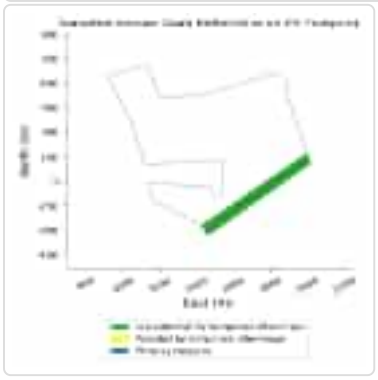
PV array is expected to produce the following glare for this receptor:

- 465 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 32

No glare found

PV array 2: OP 33

No glare found

PV array 2: OP 34

No glare found

PV array 2: OP 35

No glare found

PV array 2: OP 36

No glare found

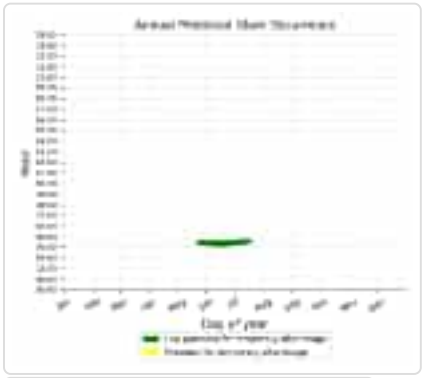
PV array 2: OP 37

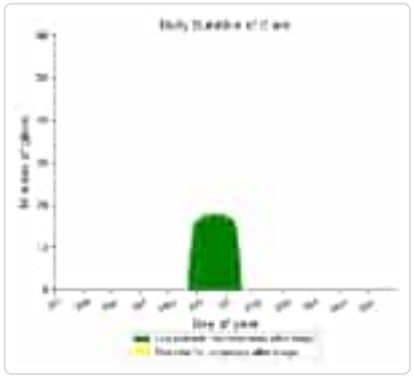
No glare found

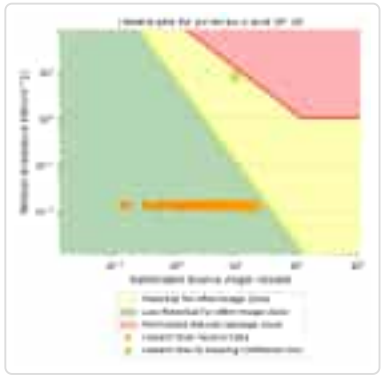
PV array 2: OP 38

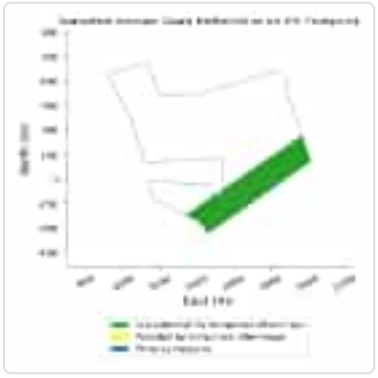
PV array is expected to produce the following glare for this receptor:

- 895 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





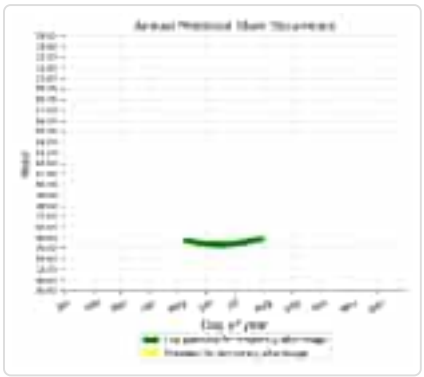


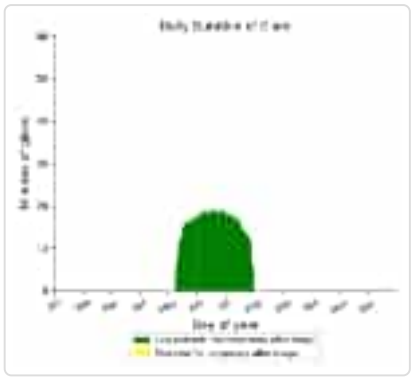


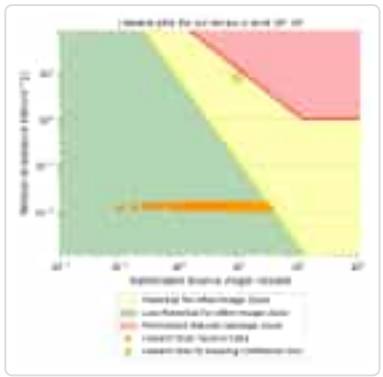
PV array 2: OP 39

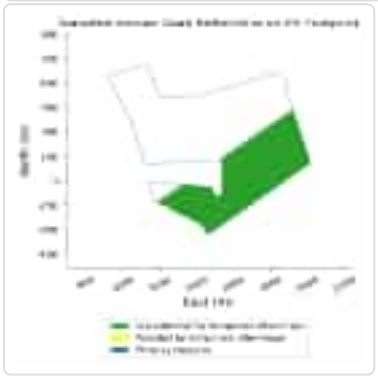
PV array is expected to produce the following glare for this receptor:

- 1,357 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





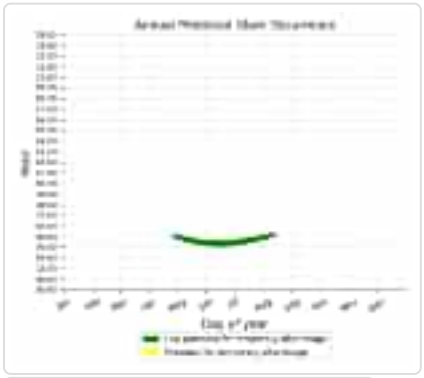


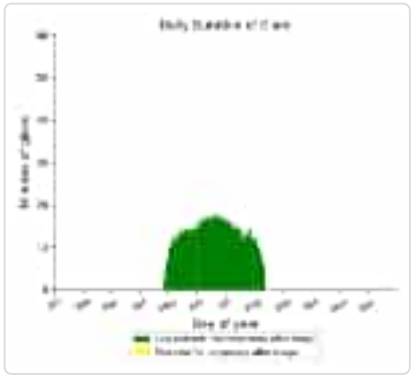


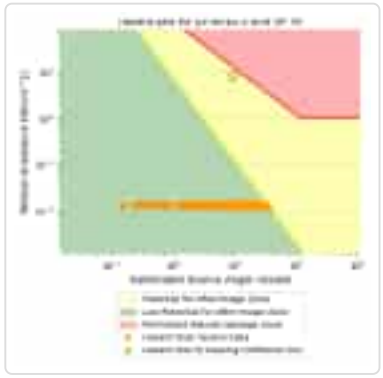
PV array 2: OP 40

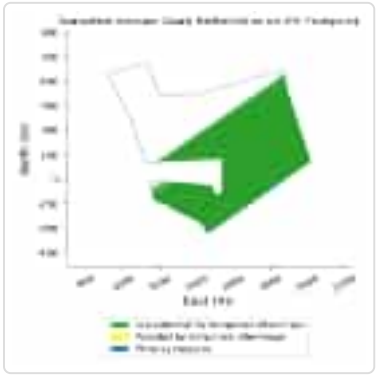
PV array is expected to produce the following glare for this receptor:

- 1,481 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





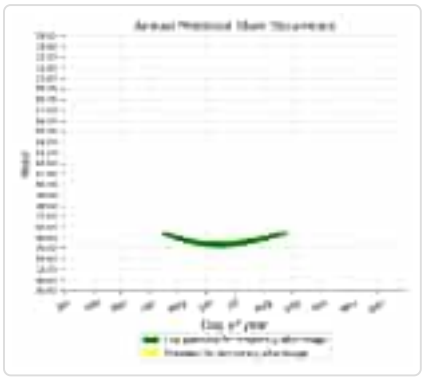


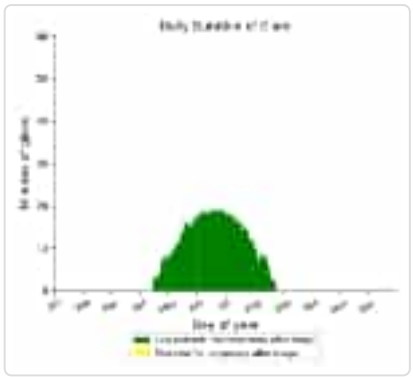


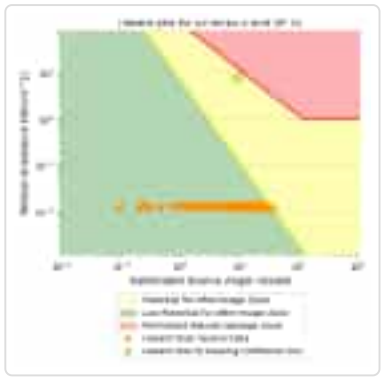
PV array 2: OP 41

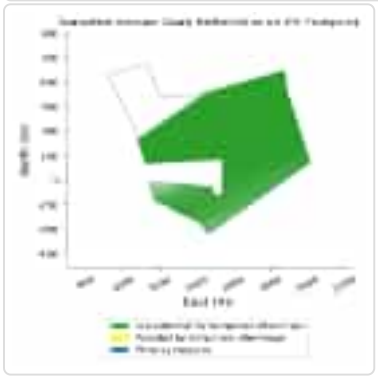
PV array is expected to produce the following glare for this receptor:

- 1,688 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





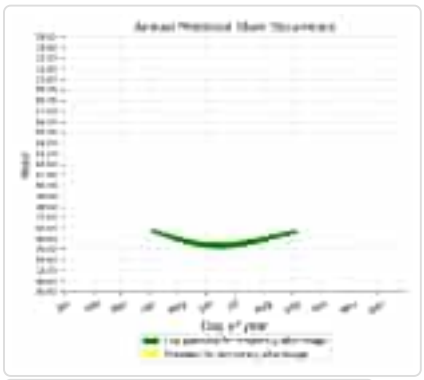


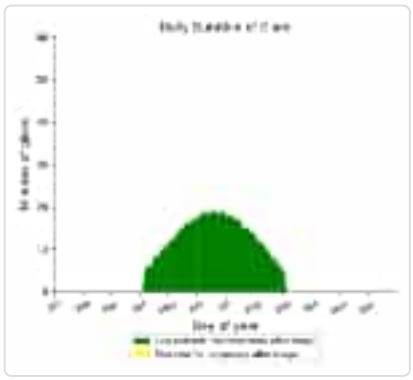


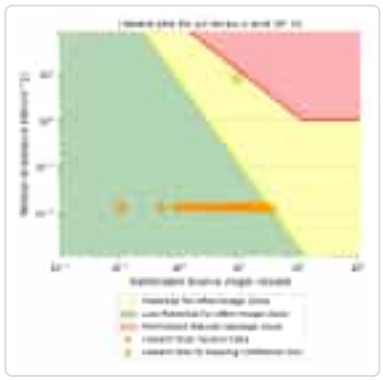
PV array 2: OP 42

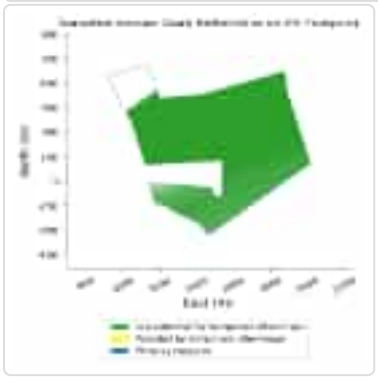
PV array is expected to produce the following glare for this receptor:

- 2,031 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





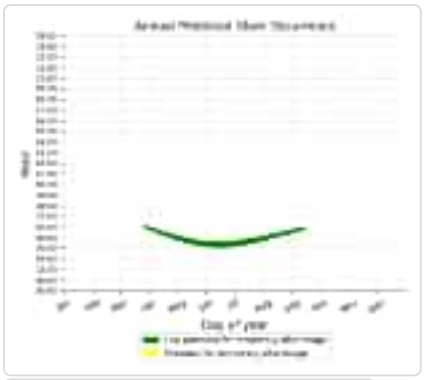


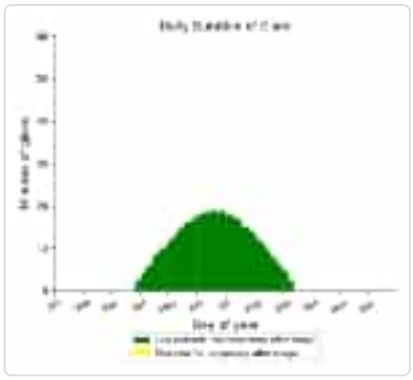


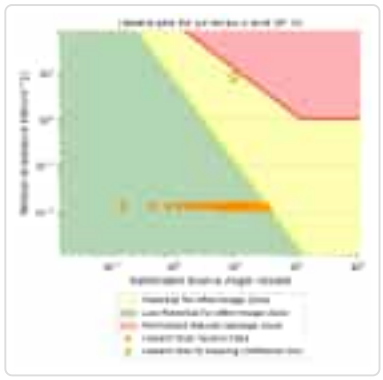
PV array 2: OP 43

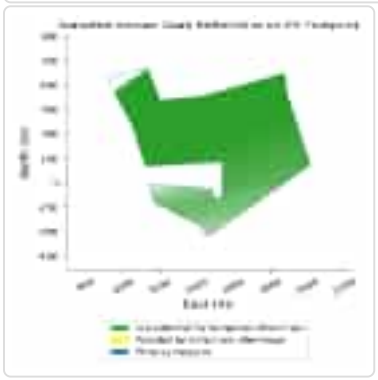
PV array is expected to produce the following glare for this receptor:

- 2,081 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





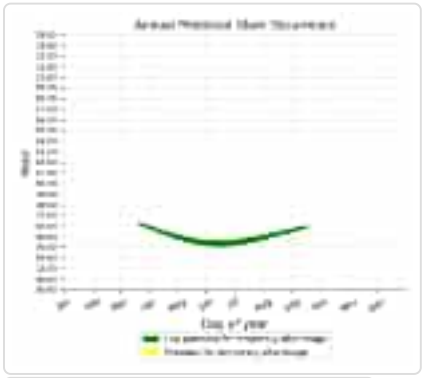


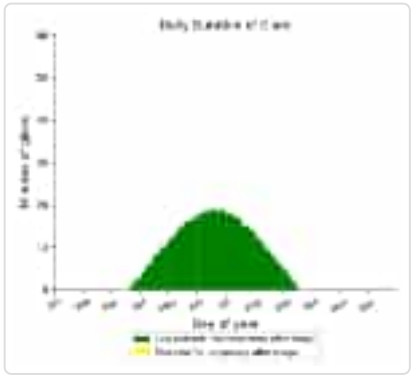


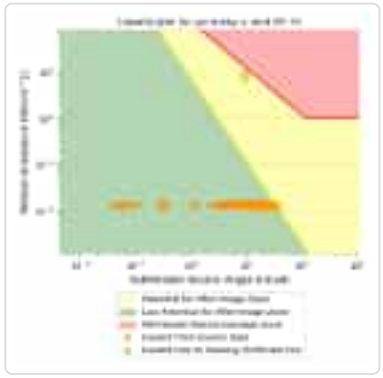
PV array 2: OP 44

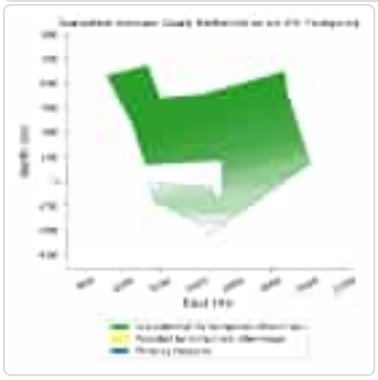
PV array is expected to produce the following glare for this receptor:

- 2,089 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





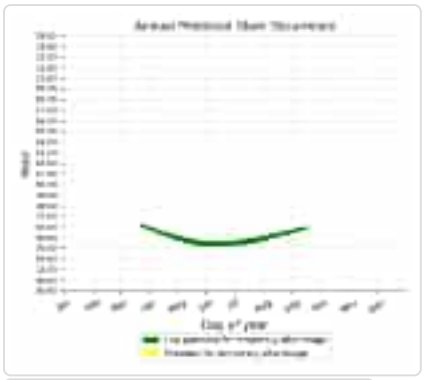


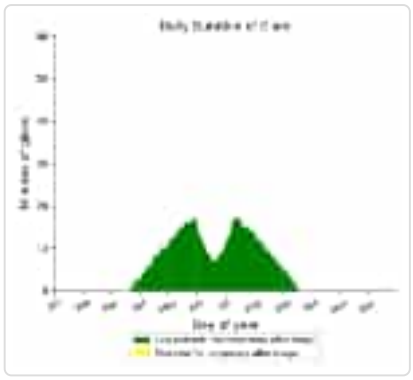


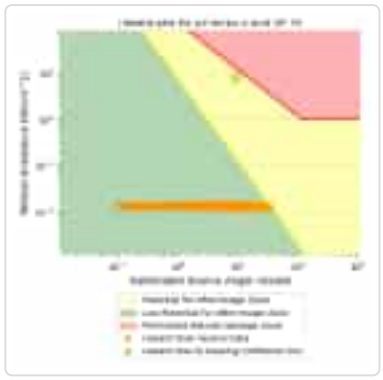
PV array 2: OP 45

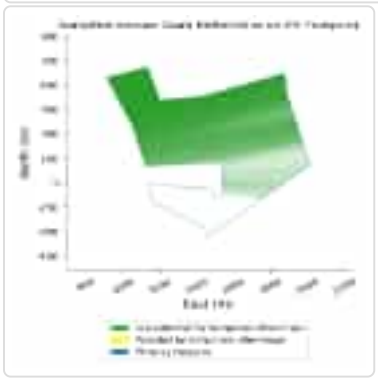
PV array is expected to produce the following glare for this receptor:

- 1,779 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





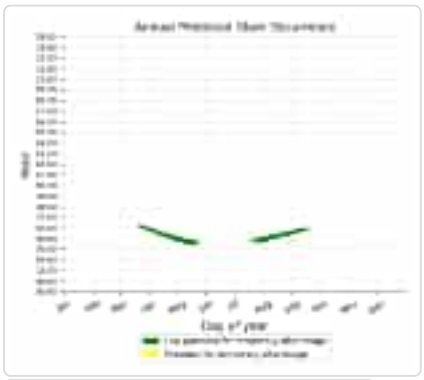


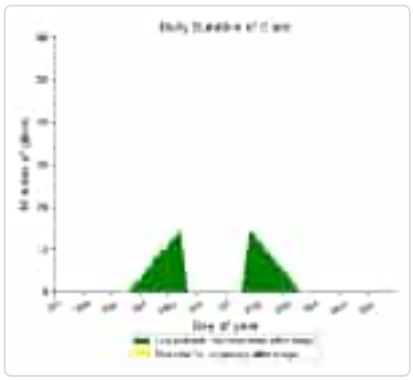


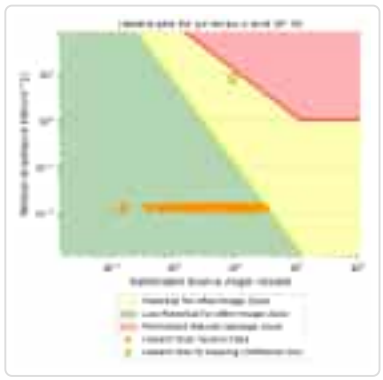
PV array 2: OP 46

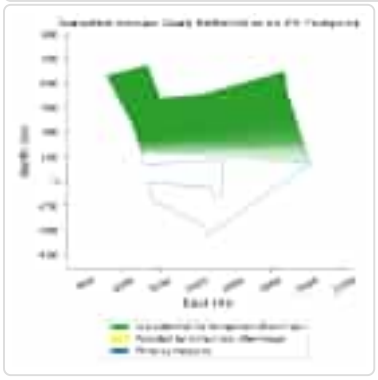
PV array is expected to produce the following glare for this receptor:

- 930 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





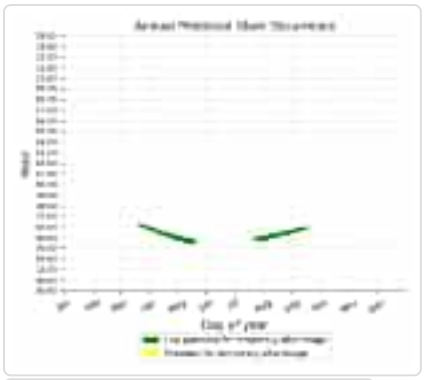


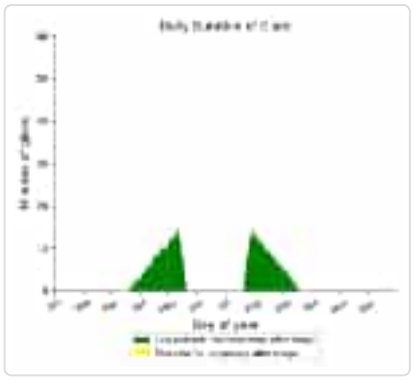


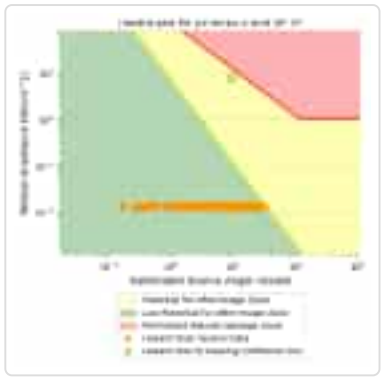
PV array 2: OP 47

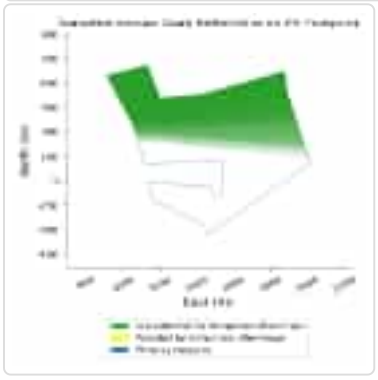
PV array is expected to produce the following glare for this receptor:

- 886 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





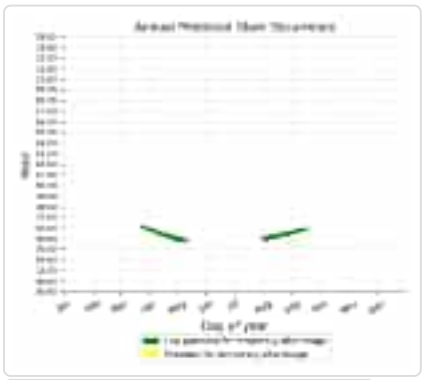


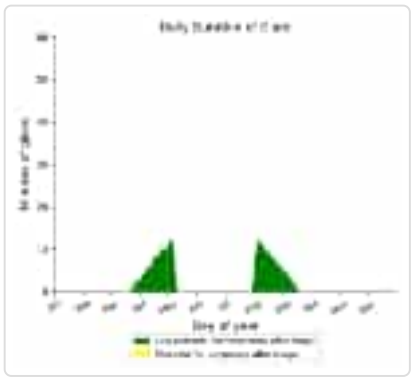


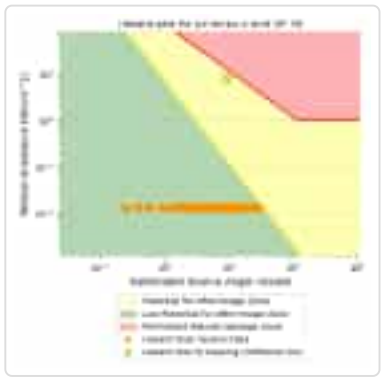
PV array 2: OP 48

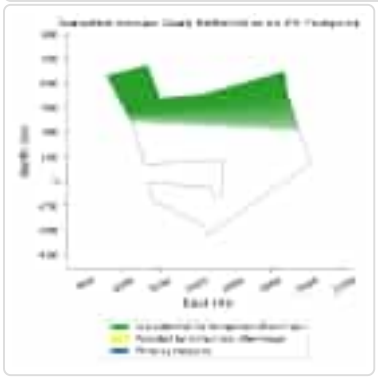
PV array is expected to produce the following glare for this receptor:

- 654 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





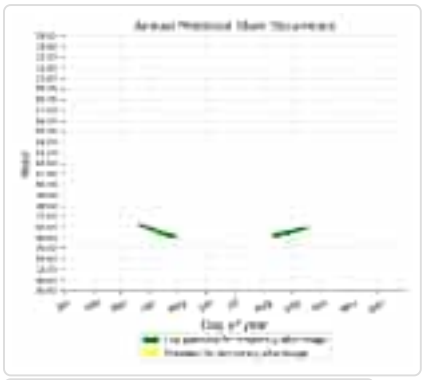


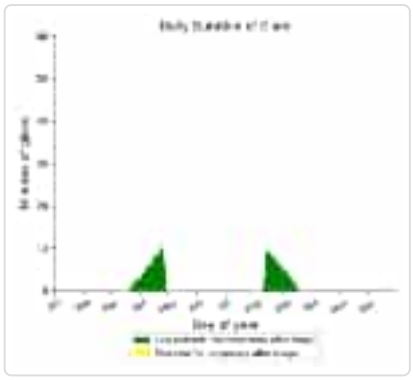


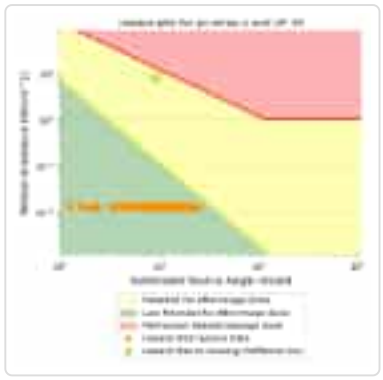
PV array 2: OP 49

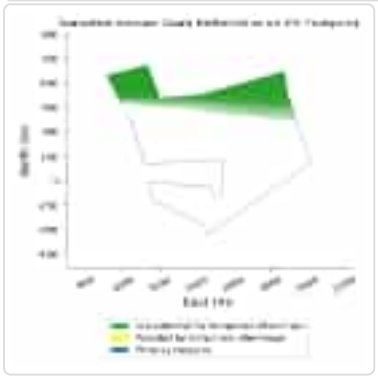
PV array is expected to produce the following glare for this receptor:

- 408 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





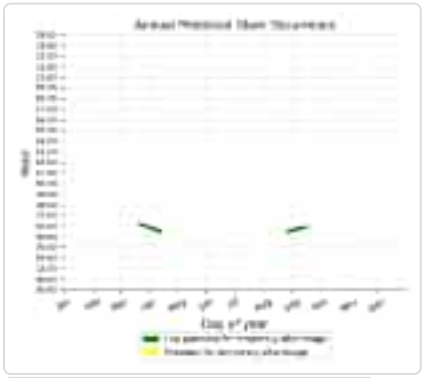


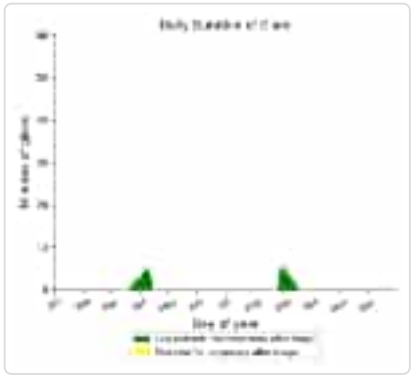


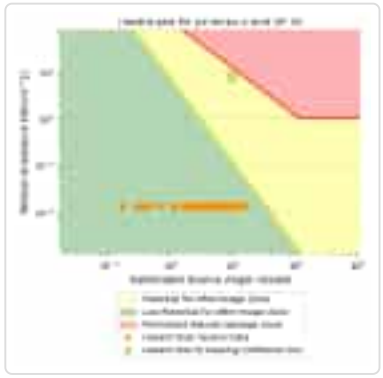
PV array 2: OP 50

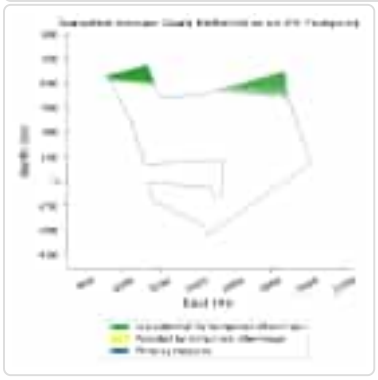
PV array is expected to produce the following glare for this receptor:

- 144 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 51

No glare found

PV array 2: OP 52

No glare found

PV array 2: OP 53

No glare found

PV array 2: OP 54

No glare found

PV array 2: OP 55

No glare found

PV array 2: OP 56

No glare found

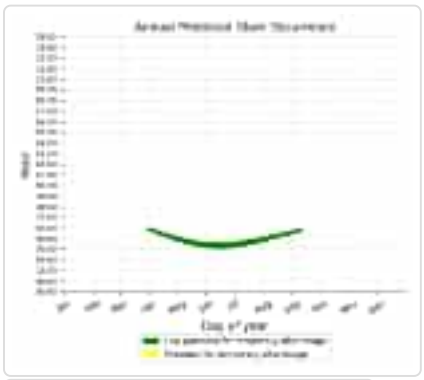
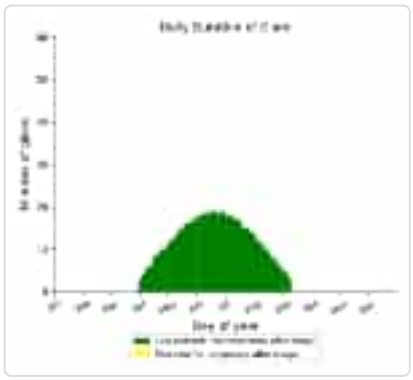
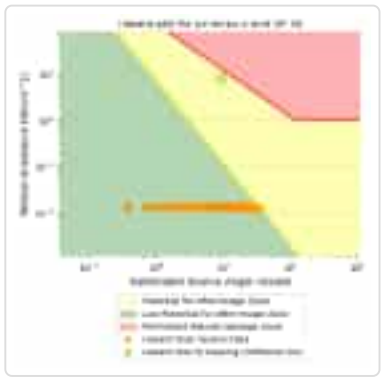
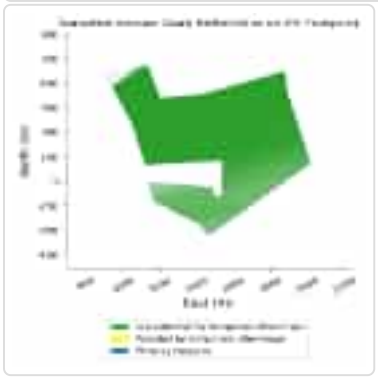
PV array 2: OP 57

No glare found

PV array 2: OP 58

PV array is expected to produce the following glare for this receptor:

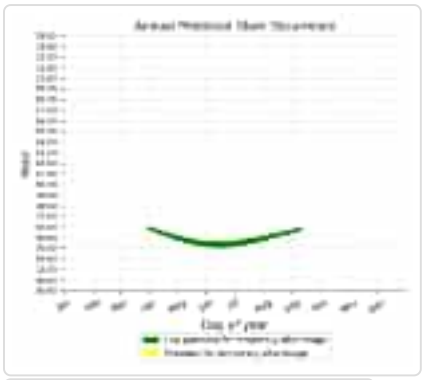
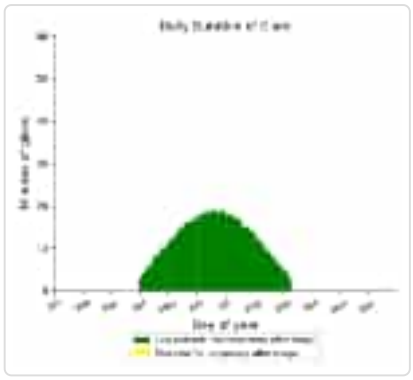
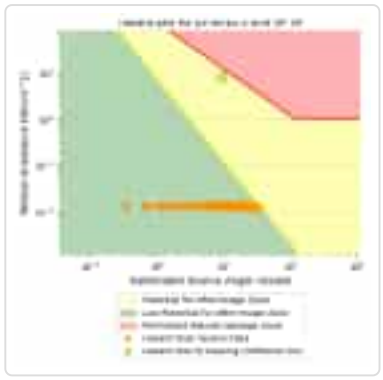
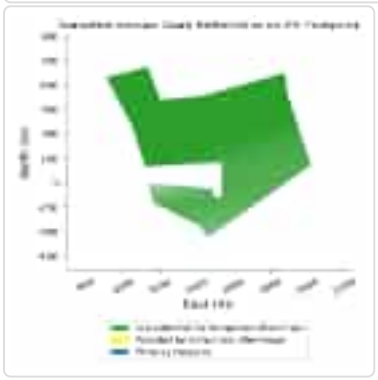
- 2,070 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 2: OP 59

PV array is expected to produce the following glare for this receptor:

- 2,061 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 2: OP 60

No glare found

PV array 2: OP 61

No glare found

PV array 2: OP 62

No glare found

PV array 2: OP 63

No glare found

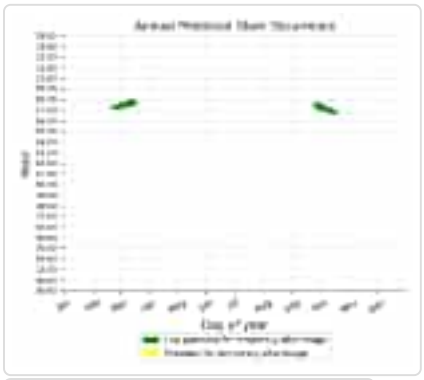
PV array 2: OP 64

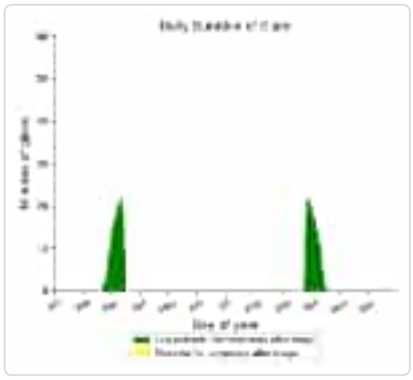
No glare found

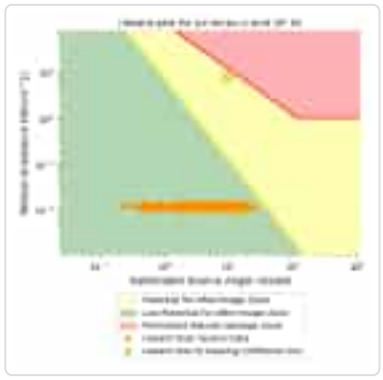
PV array 2: OP 65

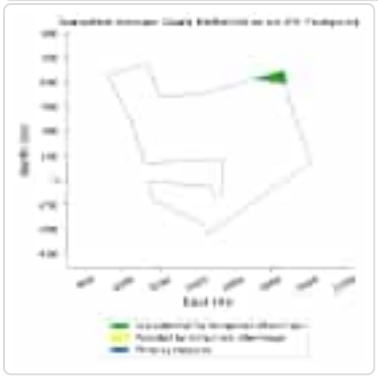
PV array is expected to produce the following glare for this receptor:

- 643 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





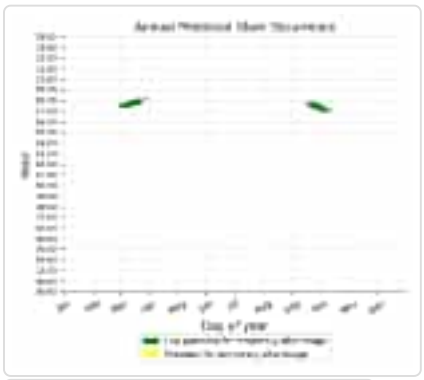


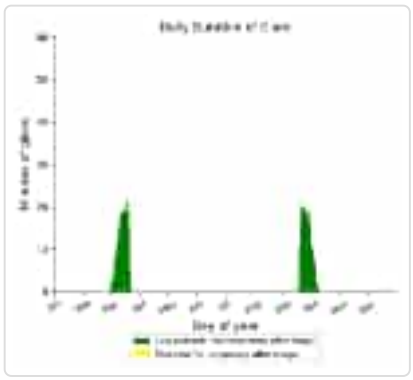


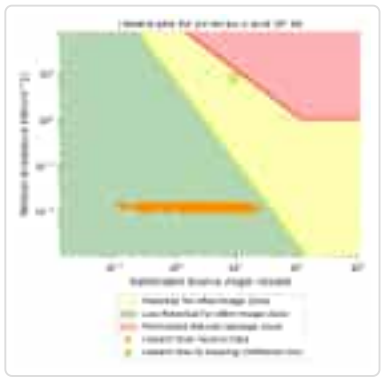
PV array 2: OP 66

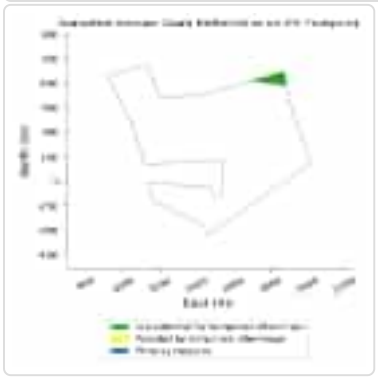
PV array is expected to produce the following glare for this receptor:

- 579 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





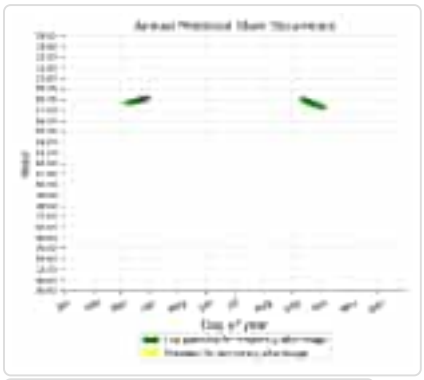


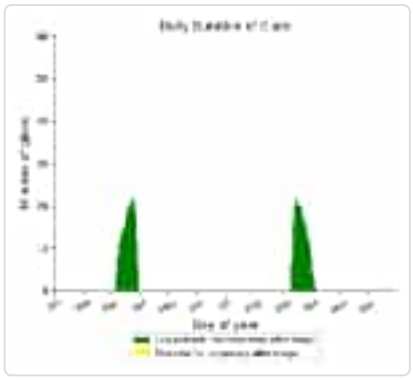


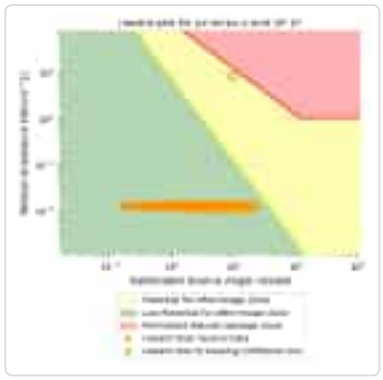
PV array 2: OP 67

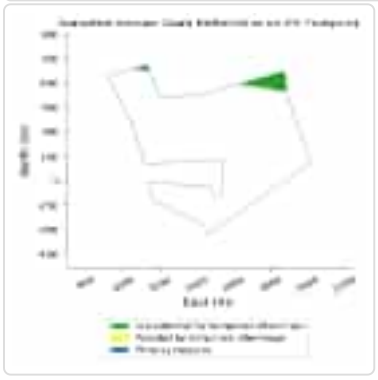
PV array is expected to produce the following glare for this receptor:

- 745 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





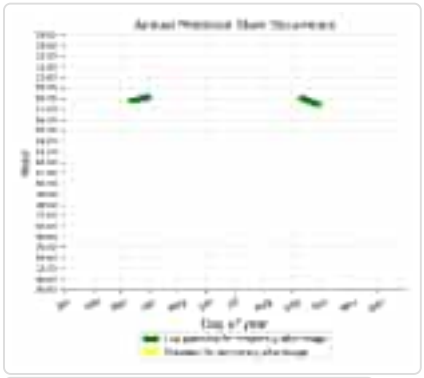


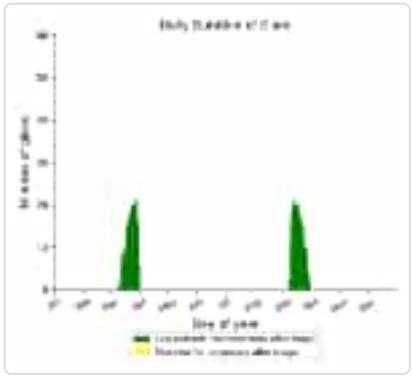


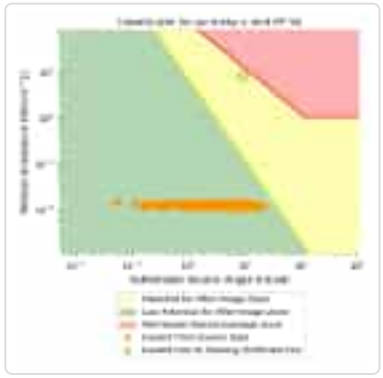
PV array 2: OP 68

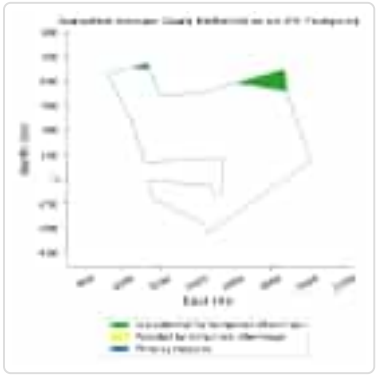
PV array is expected to produce the following glare for this receptor:

- 653 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





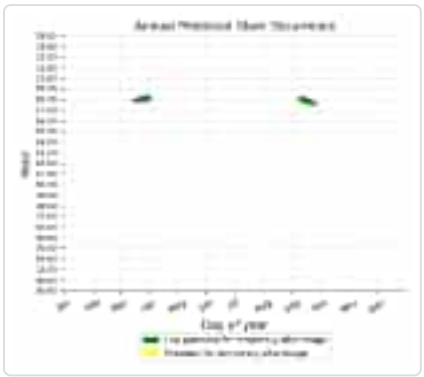


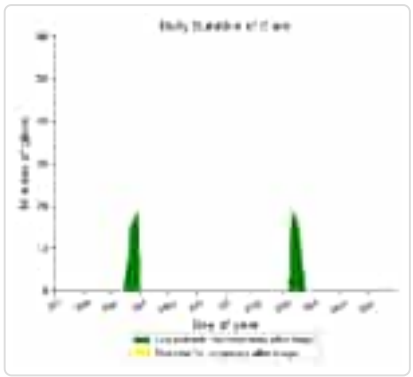


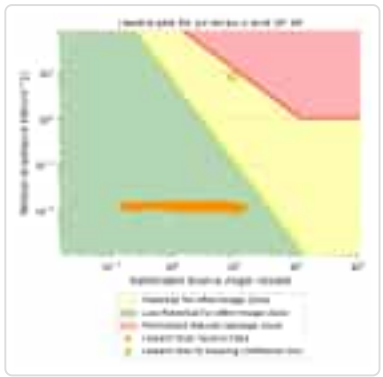
PV array 2: OP 69

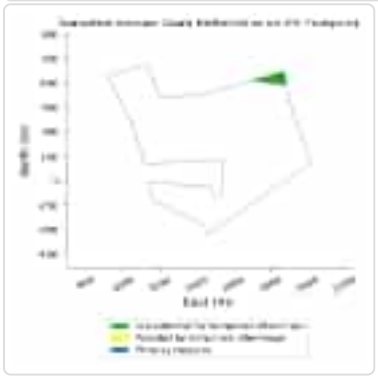
PV array is expected to produce the following glare for this receptor:

- 443 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





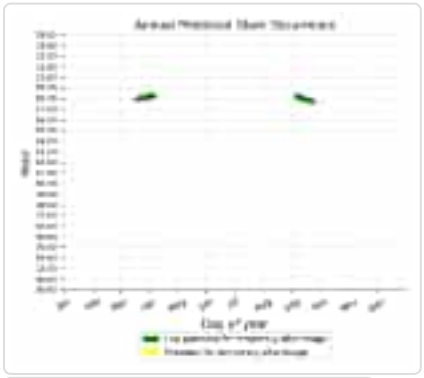


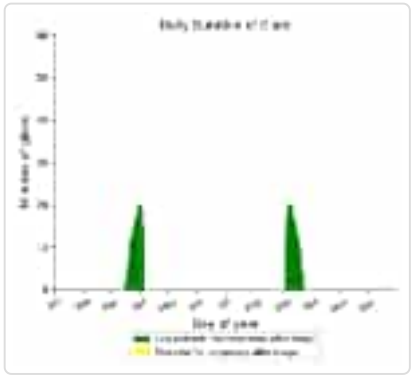


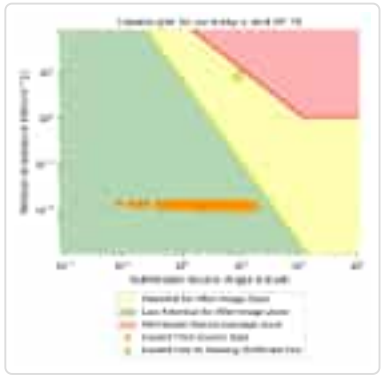
PV array 2: OP 70

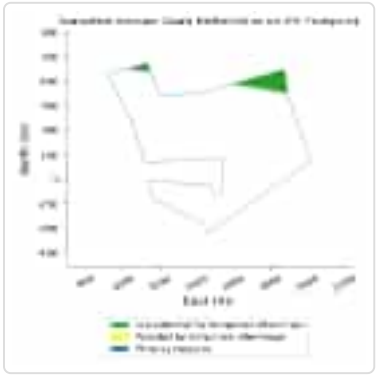
PV array is expected to produce the following glare for this receptor:

- 589 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





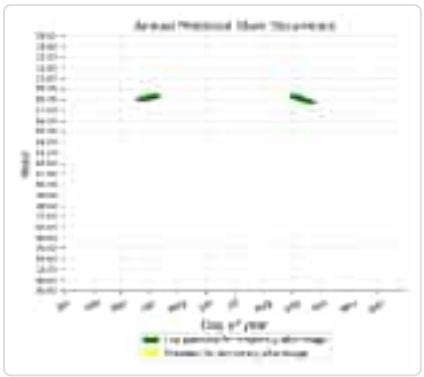


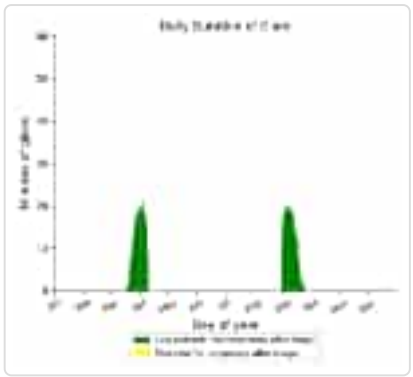


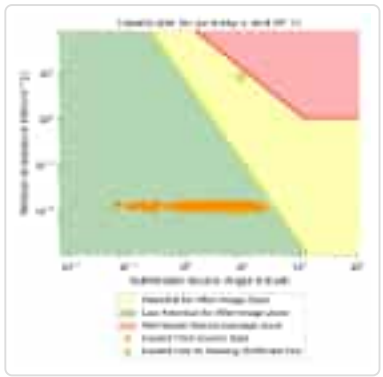
PV array 2: OP 71

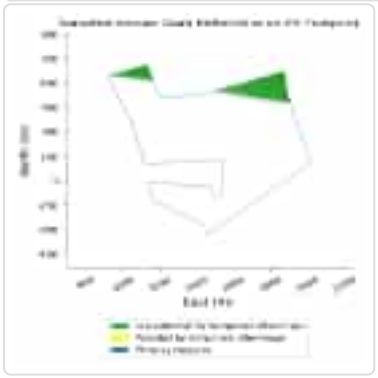
PV array is expected to produce the following glare for this receptor:

- 661 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





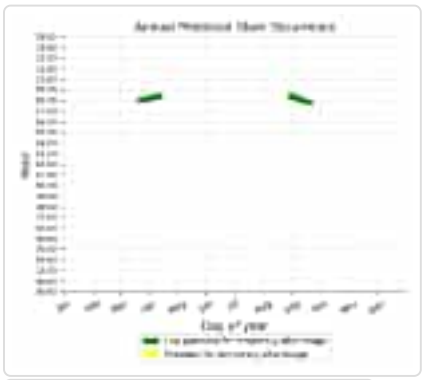


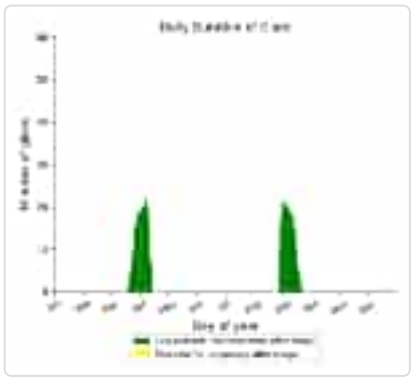


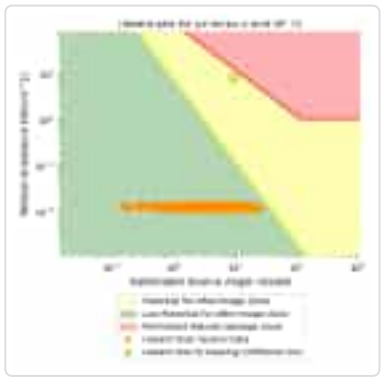
PV array 2: OP 72

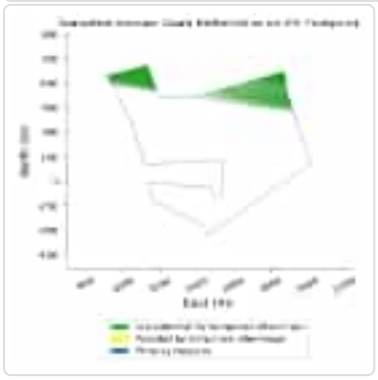
PV array is expected to produce the following glare for this receptor:

- 747 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





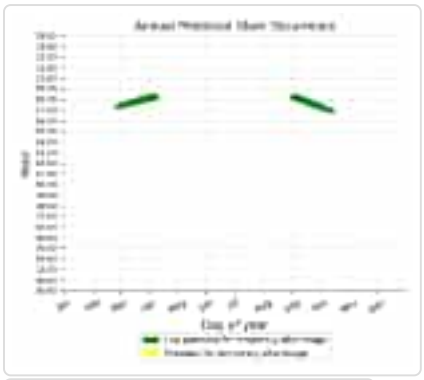


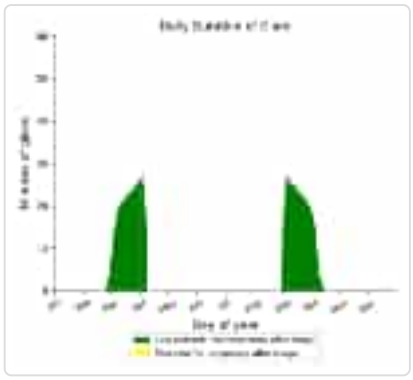


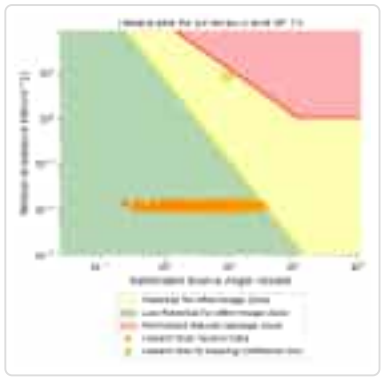
PV array 2: OP 73

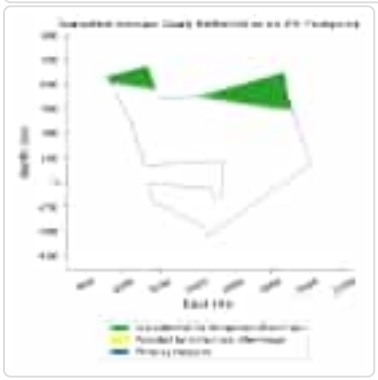
PV array is expected to produce the following glare for this receptor:

- 1,700 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 74

No glare found

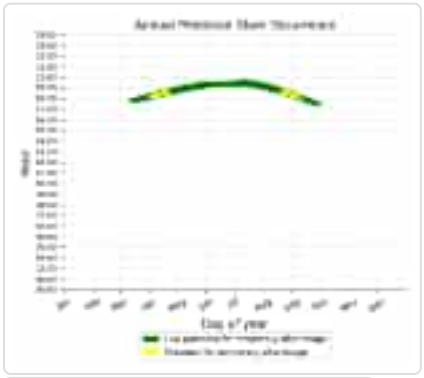
PV array 2: OP 75

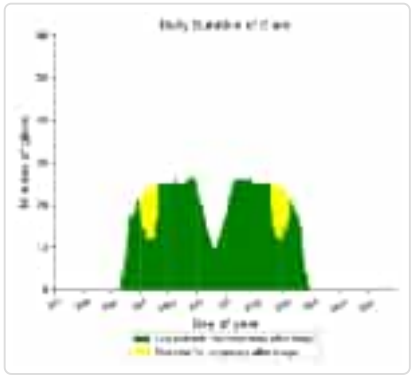
No glare found

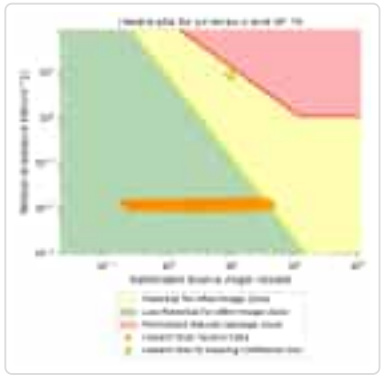
PV array 2: OP 76

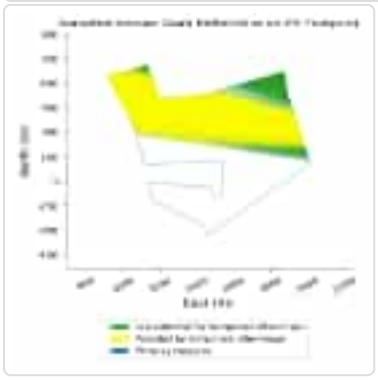
PV array is expected to produce the following glare for this receptor:

- 3,822 minutes of "green" glare with low potential to cause temporary after-image.
- 405 minutes of "yellow" glare with potential to cause temporary after-image.





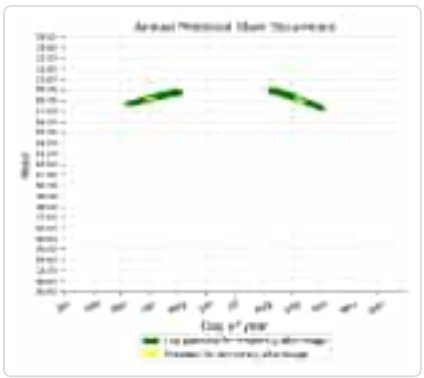


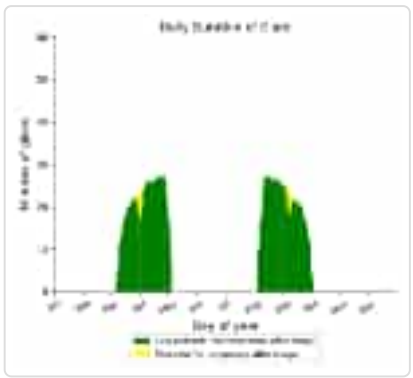


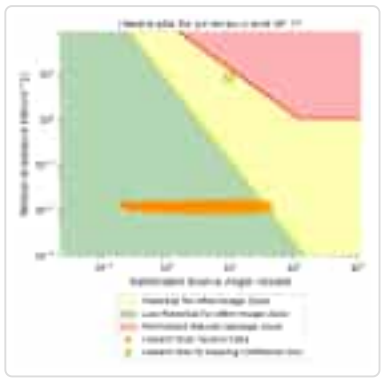
PV array 2: OP 77

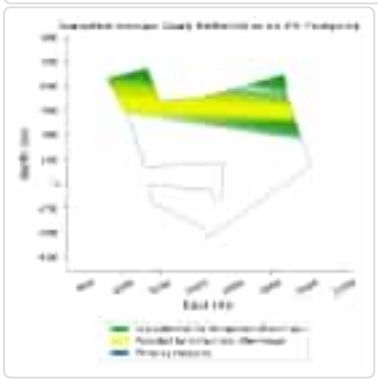
PV array is expected to produce the following glare for this receptor:

- 2,483 minutes of "green" glare with low potential to cause temporary after-image.
- 58 minutes of "yellow" glare with potential to cause temporary after-image.





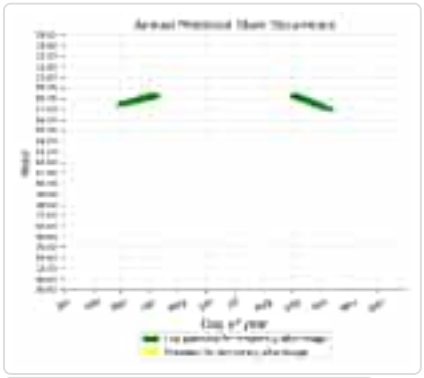


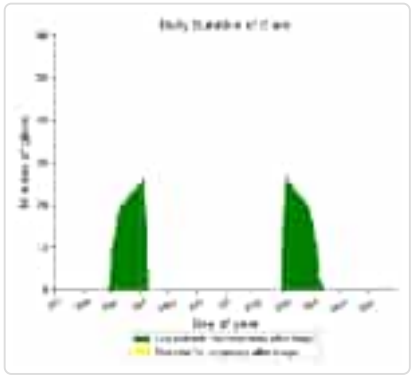


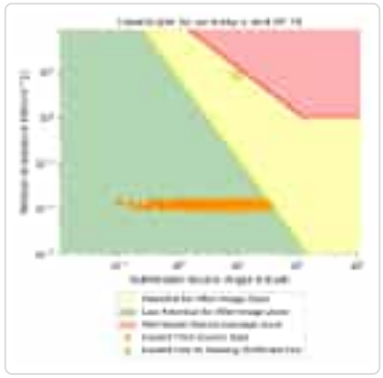
PV array 2: OP 78

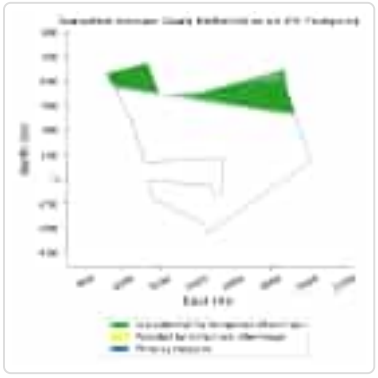
PV array is expected to produce the following glare for this receptor:

- 1,625 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





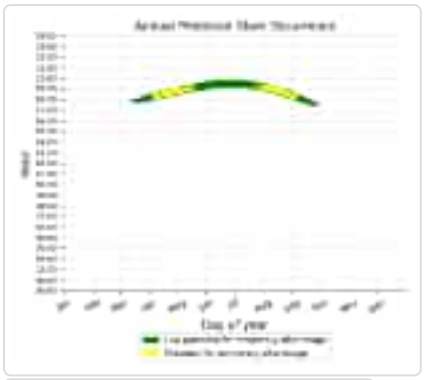


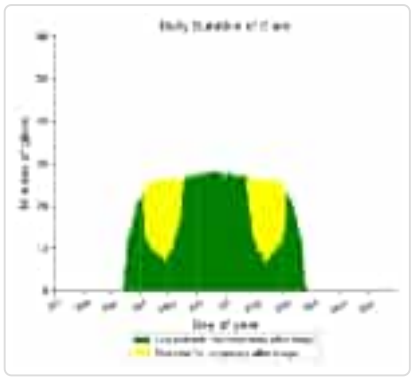


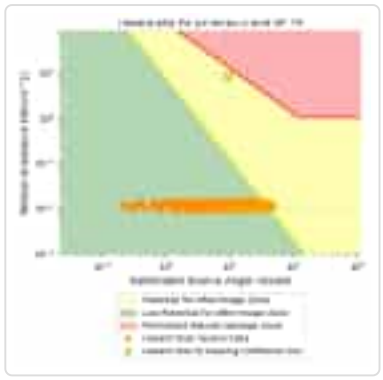
PV array 2: OP 79

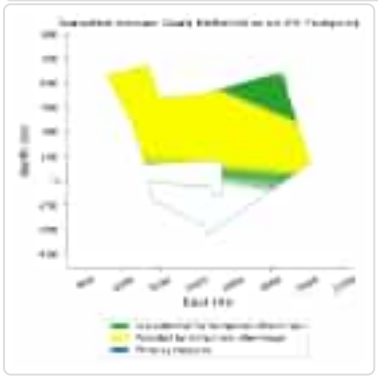
PV array is expected to produce the following glare for this receptor:

- 3,468 minutes of "green" glare with low potential to cause temporary after-image.
- 1,259 minutes of "yellow" glare with potential to cause temporary after-image.





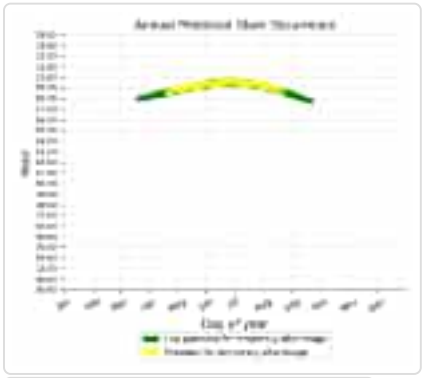


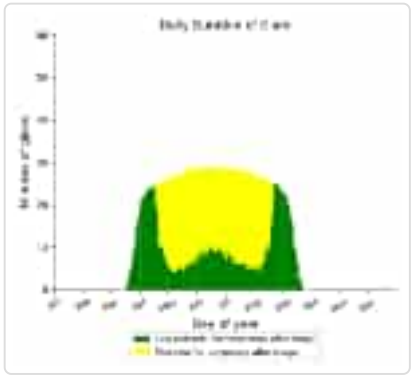


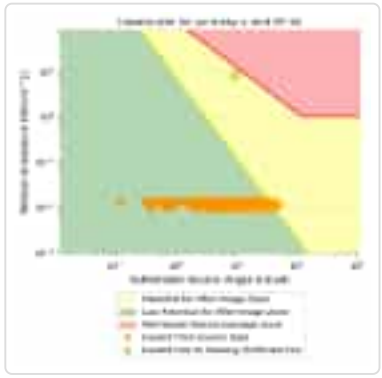
PV array 2: OP 80

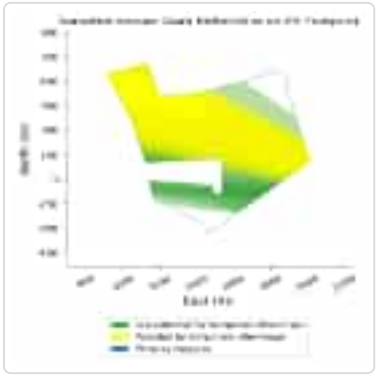
PV array is expected to produce the following glare for this receptor:

- 1,983 minutes of "green" glare with low potential to cause temporary after-image.
- 2,526 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	18	0
OP: OP 5	31	0
OP: OP 6	16	0
OP: OP 7	763	942
OP: OP 8	879	860
OP: OP 9	653	1141
OP: OP 10	1133	687
OP: OP 11	766	1034
OP: OP 12	634	1116
OP: OP 13	1530	57
OP: OP 14	345	0
OP: OP 15	57	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0

OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	2819	322
OP: OP 31	2734	441
OP: OP 32	2111	1436
OP: OP 33	2102	1111
OP: OP 34	542	4
OP: OP 35	366	4
OP: OP 36	796	136
OP: OP 37	0	0
OP: OP 38	2503	234
OP: OP 39	2160	42
OP: OP 40	1420	0
OP: OP 41	693	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

OP: OP 80	0	0

PV array 3: OP 1

No glare found

PV array 3: OP 2

No glare found

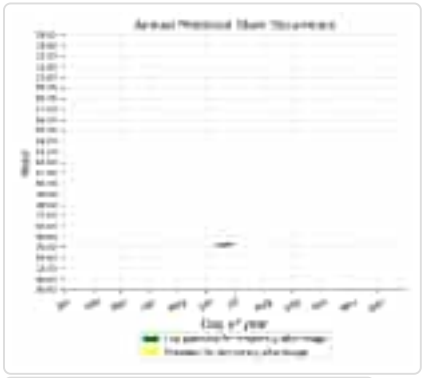
PV array 3: OP 3

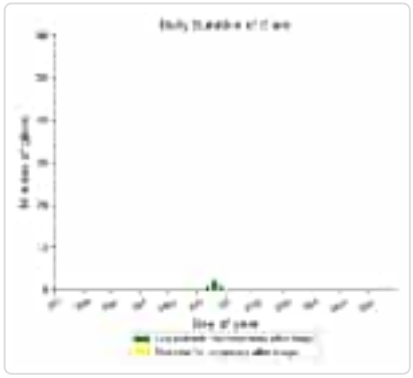
No glare found

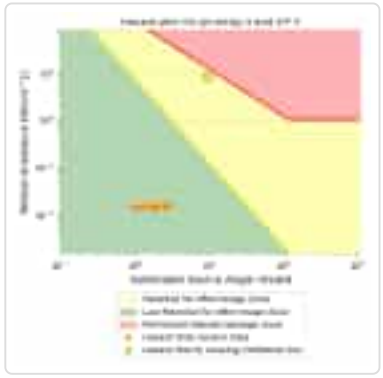
PV array 3: OP 4

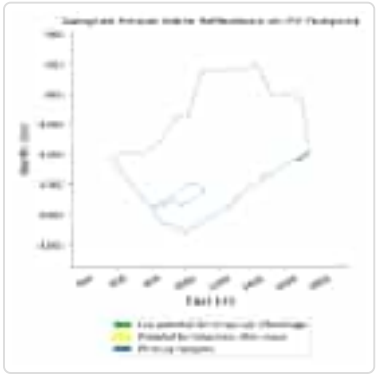
PV array is expected to produce the following glare for this receptor:

- 18 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





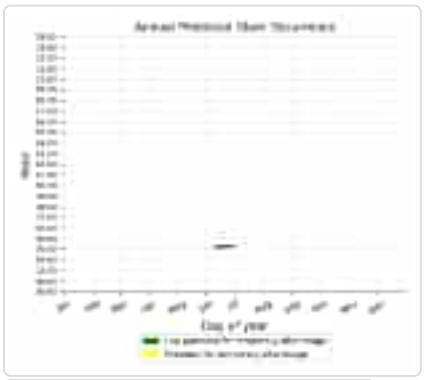


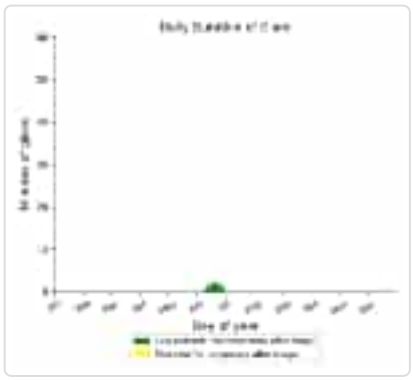


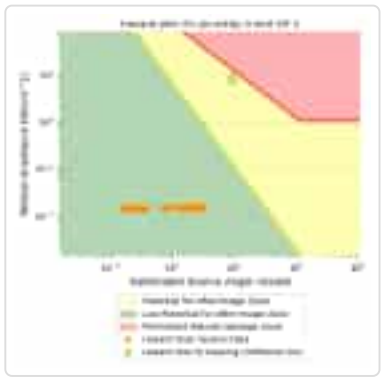
PV array 3: OP 5

PV array is expected to produce the following glare for this receptor:

- 31 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



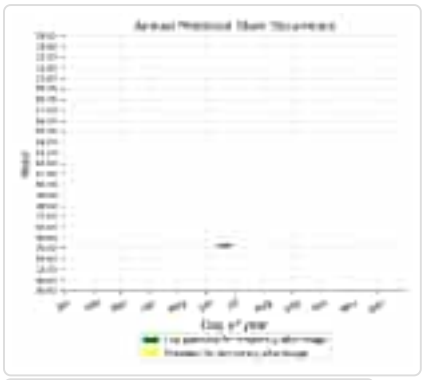


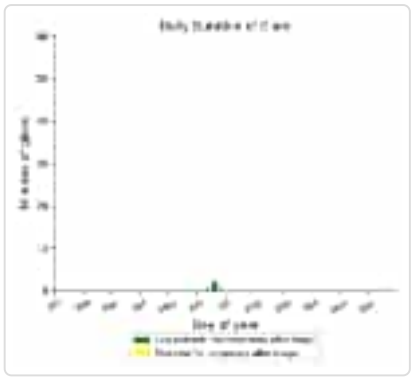


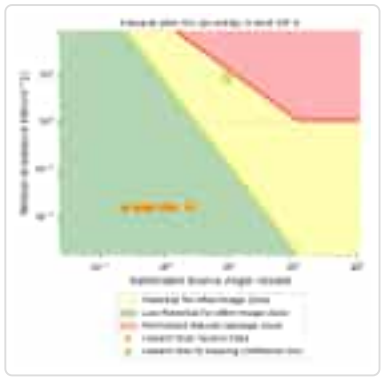
PV array 3: OP 6

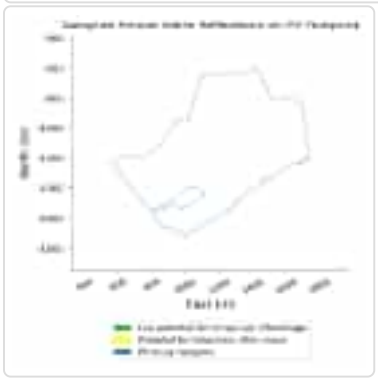
PV array is expected to produce the following glare for this receptor:

- 16 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





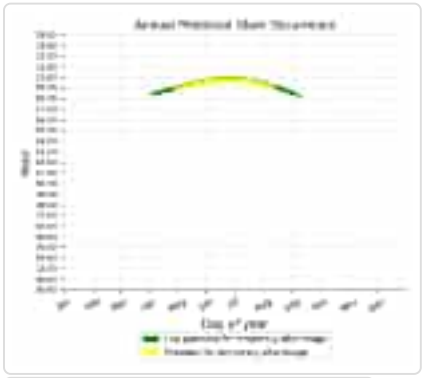


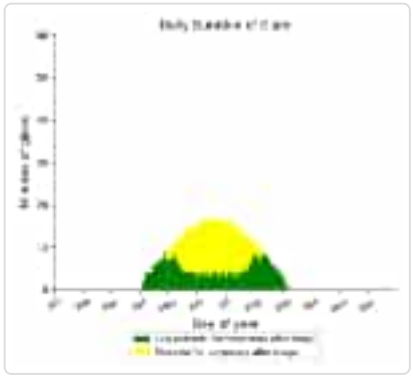


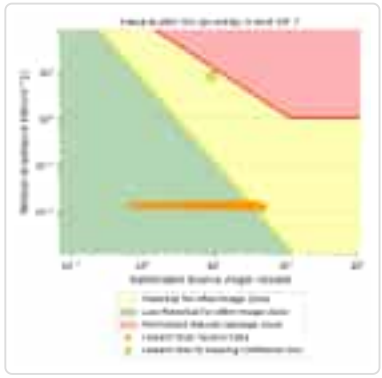
PV array 3: OP 7

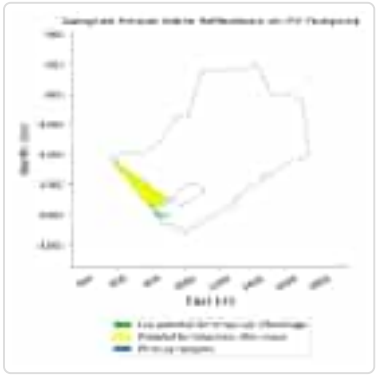
PV array is expected to produce the following glare for this receptor:

- 763 minutes of "green" glare with low potential to cause temporary after-image.
- 942 minutes of "yellow" glare with potential to cause temporary after-image.





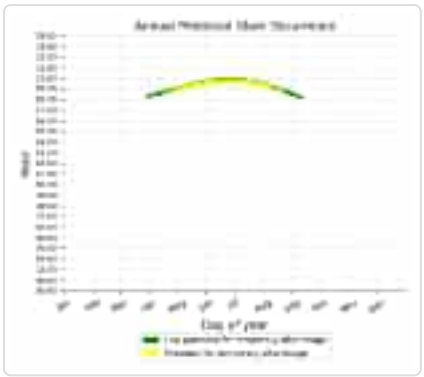


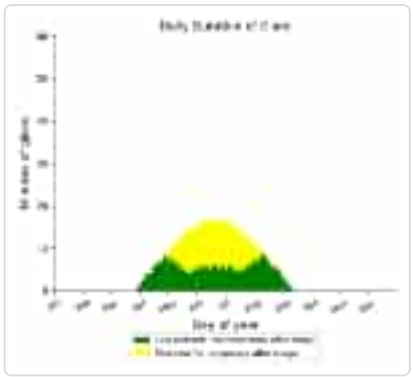


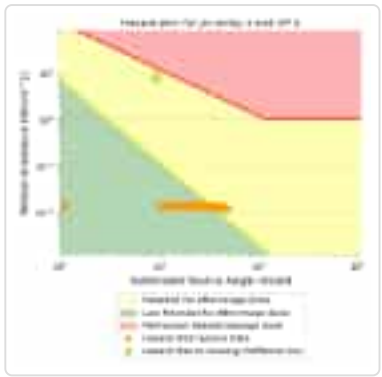
PV array 3: OP 8

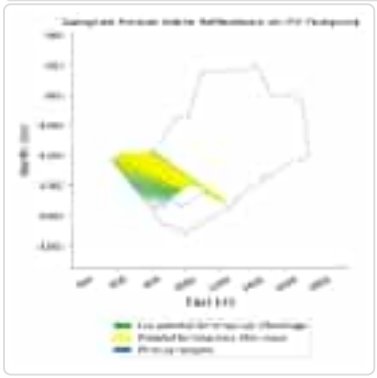
PV array is expected to produce the following glare for this receptor:

- 879 minutes of "green" glare with low potential to cause temporary after-image.
- 860 minutes of "yellow" glare with potential to cause temporary after-image.





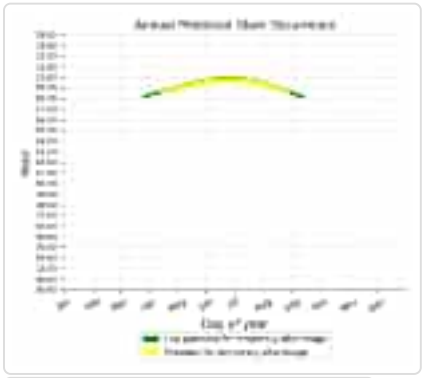


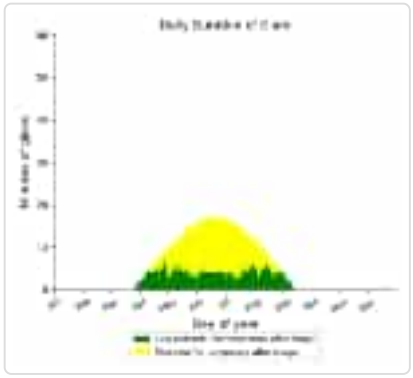


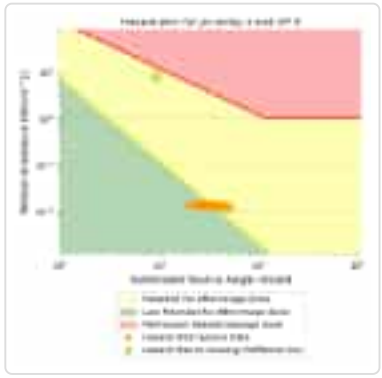
PV array 3: OP 9

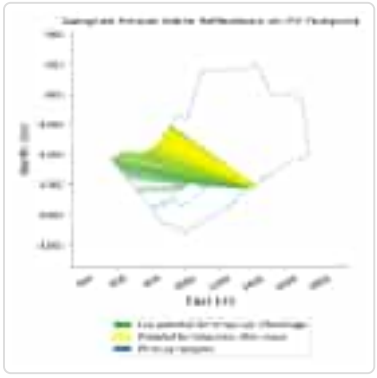
PV array is expected to produce the following glare for this receptor:

- 653 minutes of "green" glare with low potential to cause temporary after-image.
- 1,141 minutes of "yellow" glare with potential to cause temporary after-image.





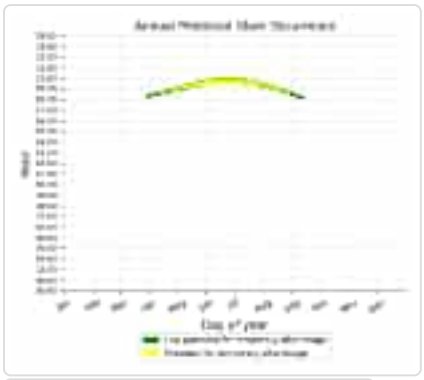


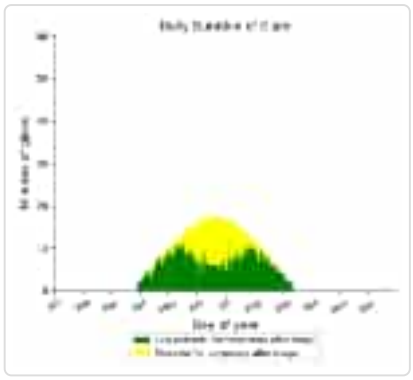


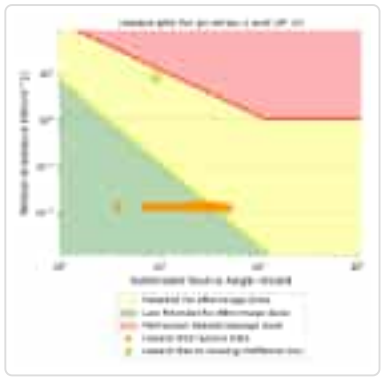
PV array 3: OP 10

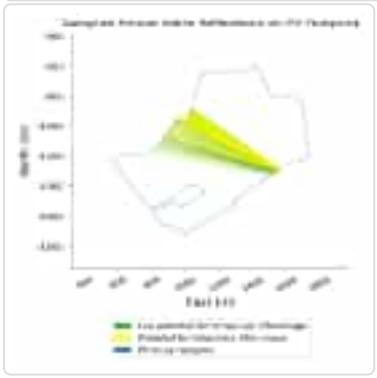
PV array is expected to produce the following glare for this receptor:

- 1,133 minutes of "green" glare with low potential to cause temporary after-image.
- 687 minutes of "yellow" glare with potential to cause temporary after-image.





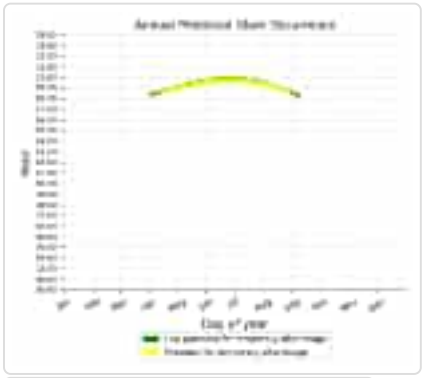


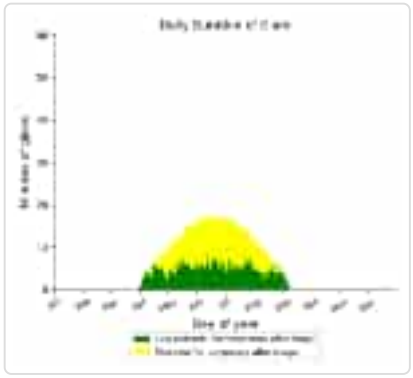


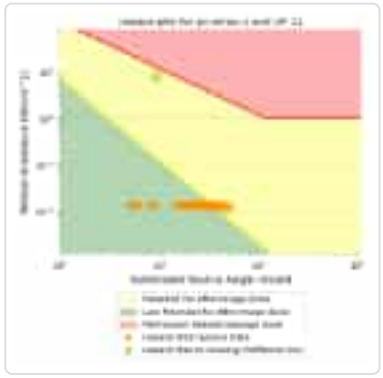
PV array 3: OP 11

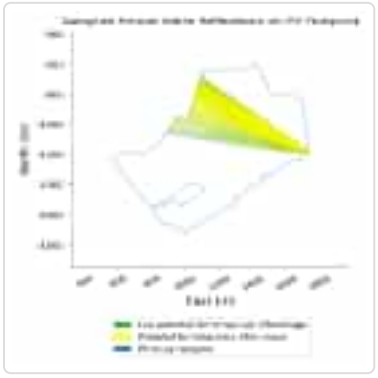
PV array is expected to produce the following glare for this receptor:

- 766 minutes of "green" glare with low potential to cause temporary after-image.
- 1,034 minutes of "yellow" glare with potential to cause temporary after-image.





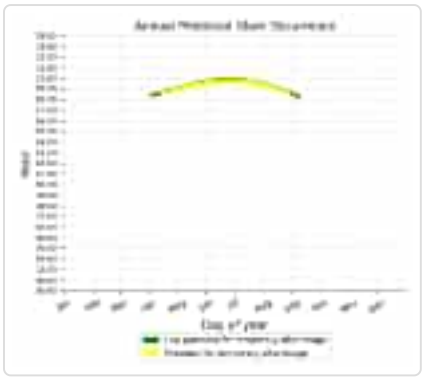


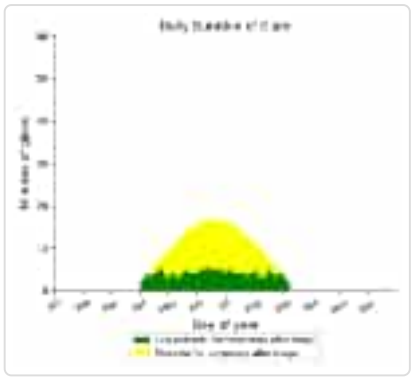


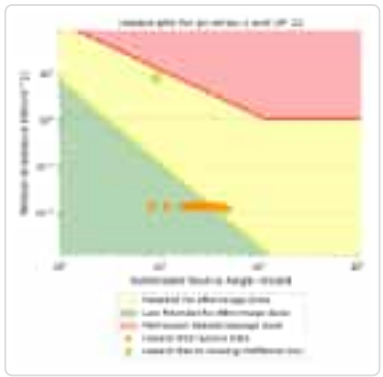
PV array 3: OP 12

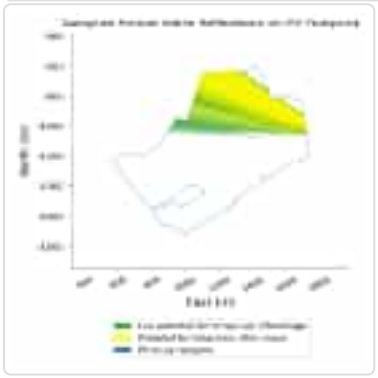
PV array is expected to produce the following glare for this receptor:

- 634 minutes of "green" glare with low potential to cause temporary after-image.
- 1,116 minutes of "yellow" glare with potential to cause temporary after-image.





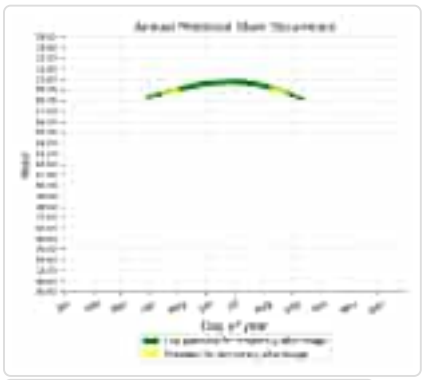


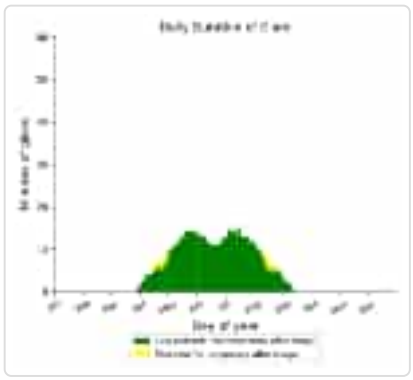


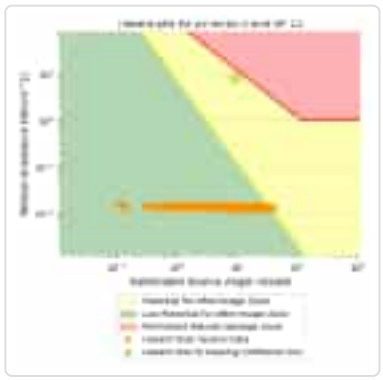
PV array 3: OP 13

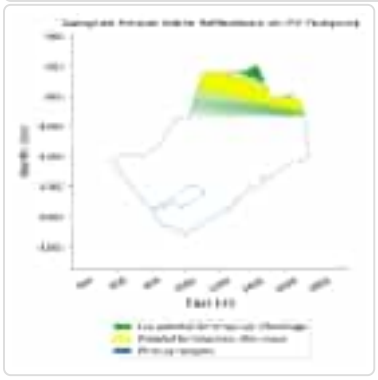
PV array is expected to produce the following glare for this receptor:

- 1,530 minutes of "green" glare with low potential to cause temporary after-image.
- 57 minutes of "yellow" glare with potential to cause temporary after-image.





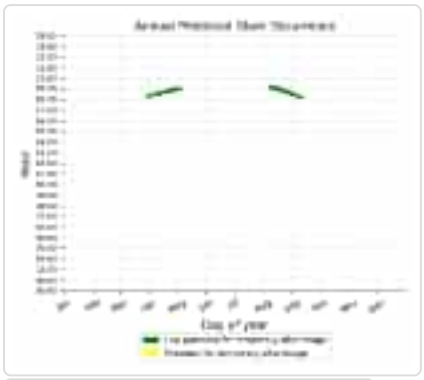


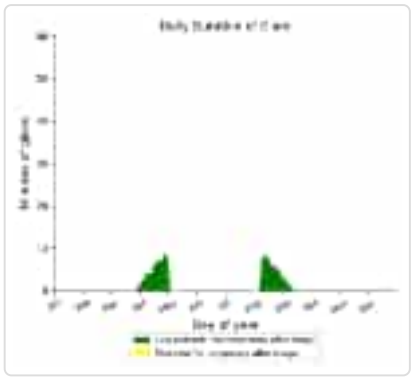


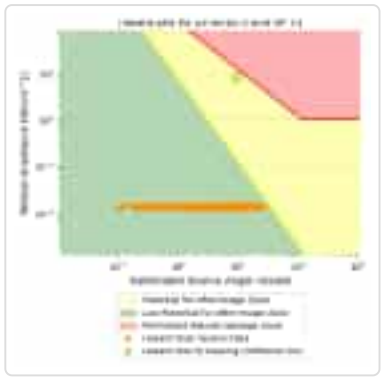
PV array 3: OP 14

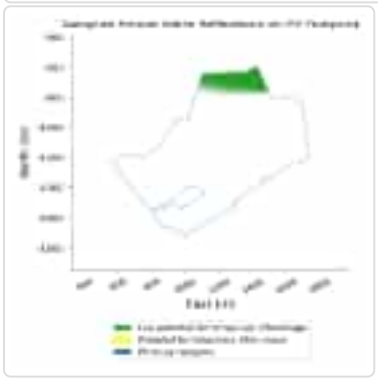
PV array is expected to produce the following glare for this receptor:

- 345 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





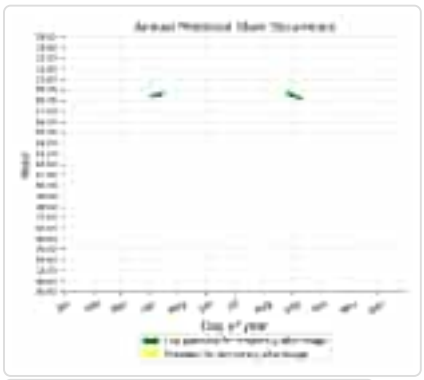


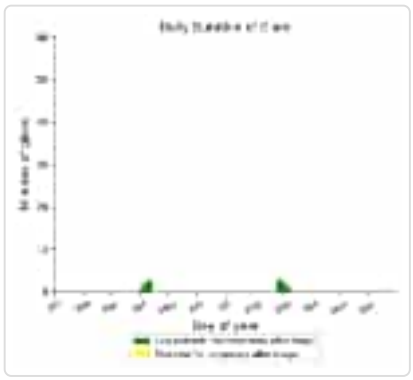


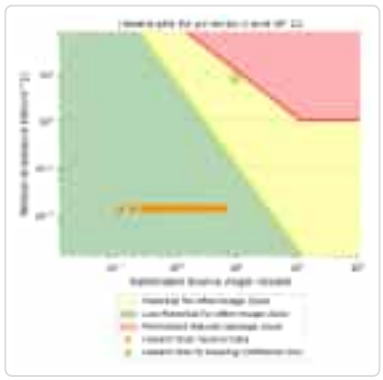
PV array 3: OP 15

PV array is expected to produce the following glare for this receptor:

- 57 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 3: OP 16

No glare found

PV array 3: OP 17

No glare found

PV array 3: OP 18

No glare found

PV array 3: OP 19

No glare found

PV array 3: OP 20

No glare found

PV array 3: OP 21

No glare found

PV array 3: OP 22

No glare found

PV array 3: OP 23

No glare found

PV array 3: OP 24

No glare found

PV array 3: OP 25

No glare found

PV array 3: OP 26

No glare found

PV array 3: OP 27

No glare found

PV array 3: OP 28

No glare found

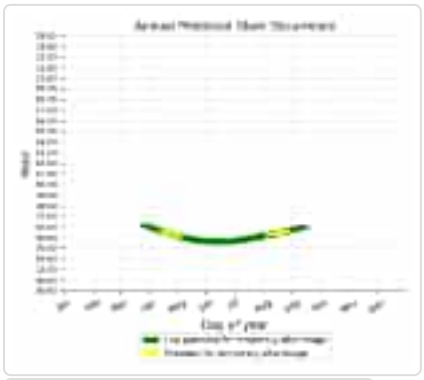
PV array 3: OP 29

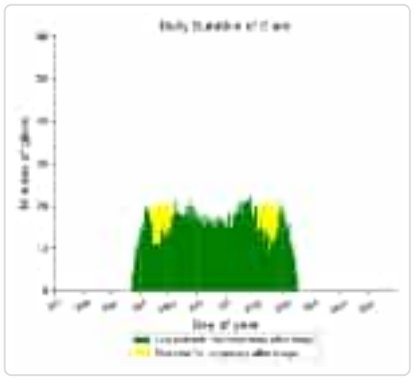
No glare found

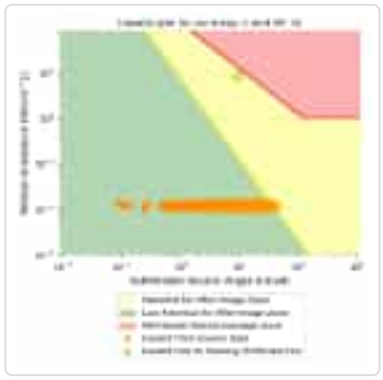
PV array 3: OP 30

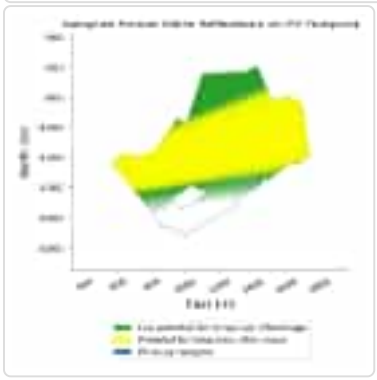
PV array is expected to produce the following glare for this receptor:

- 2,819 minutes of "green" glare with low potential to cause temporary after-image.
- 322 minutes of "yellow" glare with potential to cause temporary after-image.





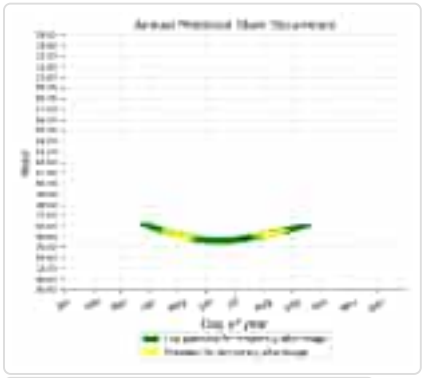


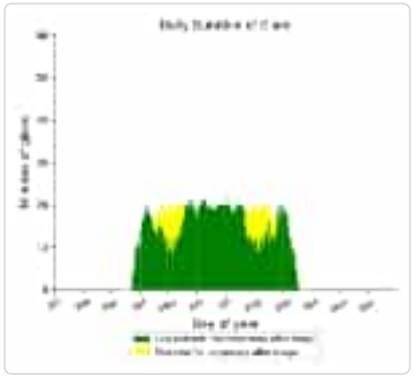


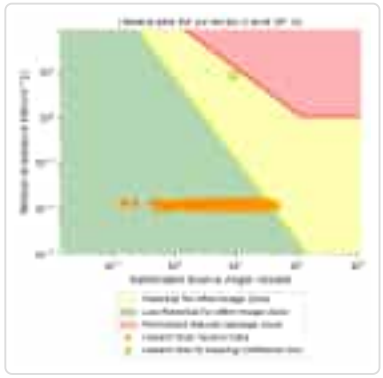
PV array 3: OP 31

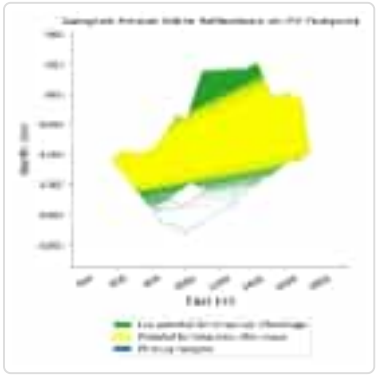
PV array is expected to produce the following glare for this receptor:

- 2,734 minutes of "green" glare with low potential to cause temporary after-image.
- 441 minutes of "yellow" glare with potential to cause temporary after-image.





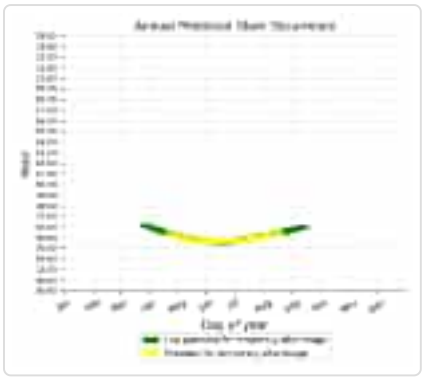


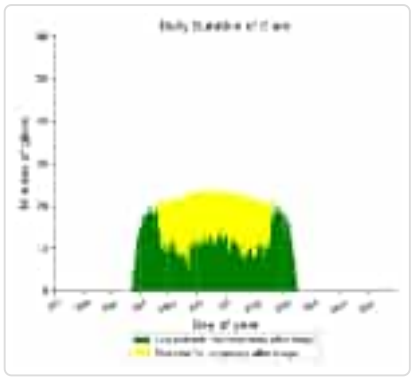


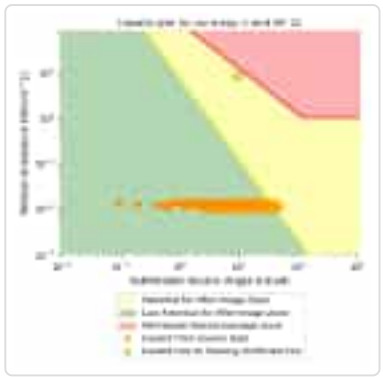
PV array 3: OP 32

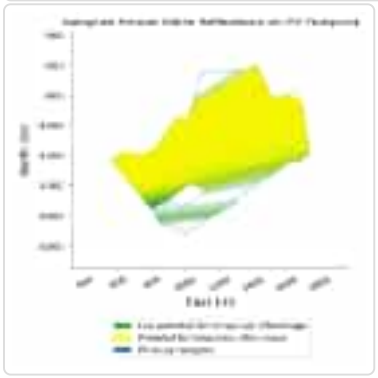
PV array is expected to produce the following glare for this receptor:

- 2,111 minutes of "green" glare with low potential to cause temporary after-image.
- 1,436 minutes of "yellow" glare with potential to cause temporary after-image.





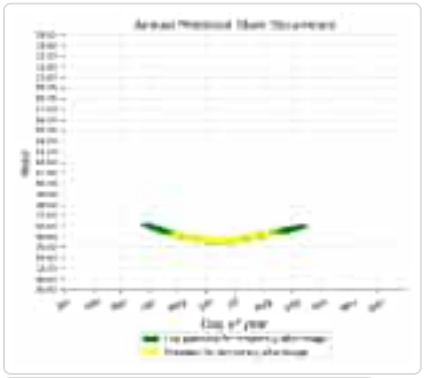


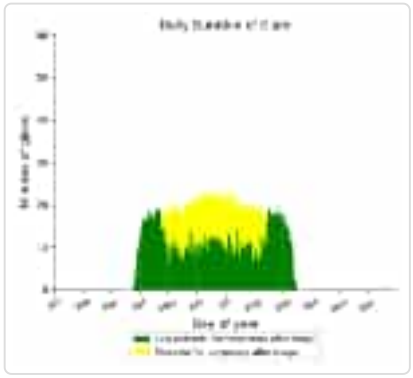


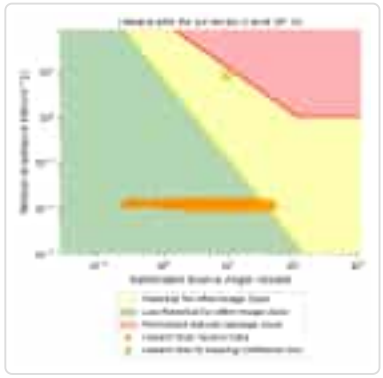
PV array 3: OP 33

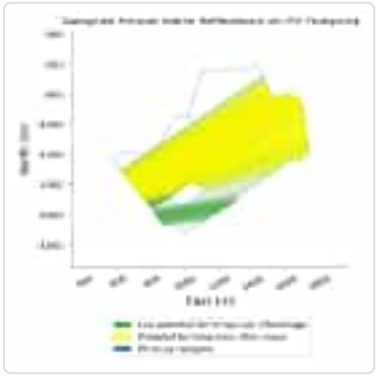
PV array is expected to produce the following glare for this receptor:

- 2,102 minutes of "green" glare with low potential to cause temporary after-image.
- 1,111 minutes of "yellow" glare with potential to cause temporary after-image.





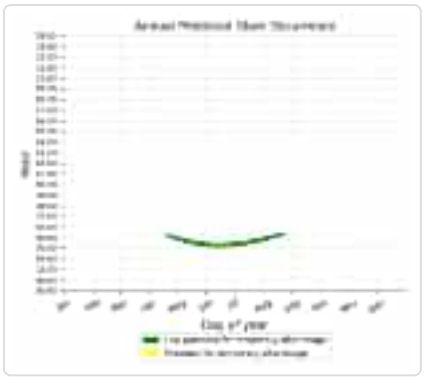


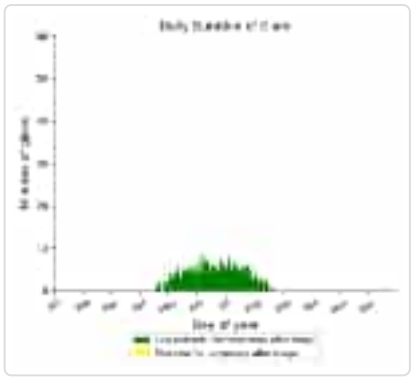


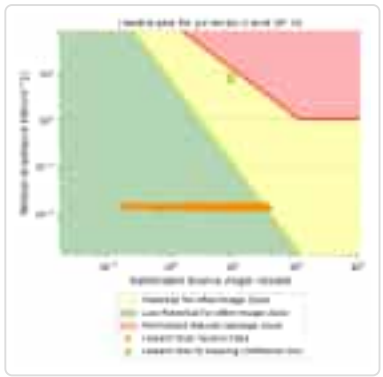
PV array 3: OP 34

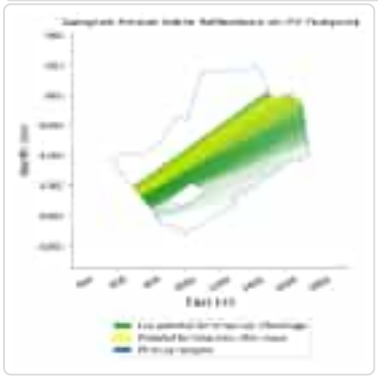
PV array is expected to produce the following glare for this receptor:

- 542 minutes of "green" glare with low potential to cause temporary after-image.
- 4 minutes of "yellow" glare with potential to cause temporary after-image.





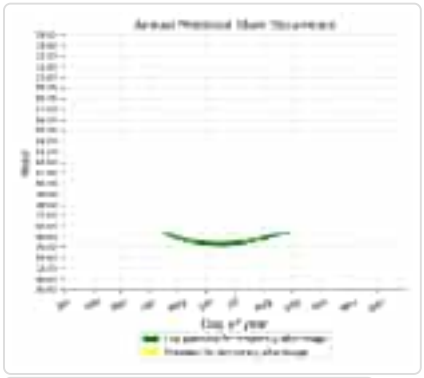


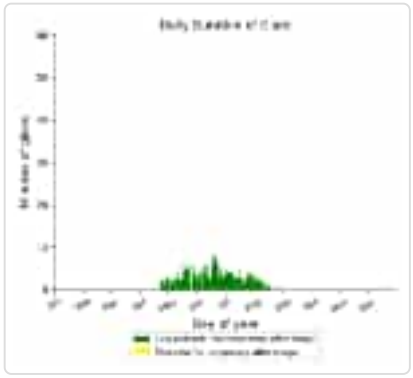


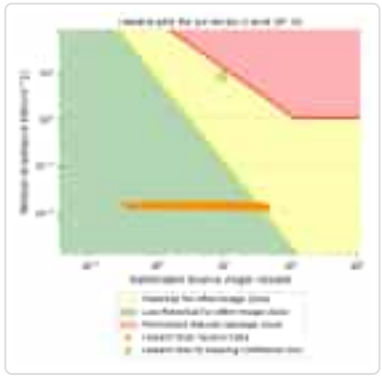
PV array 3: OP 35

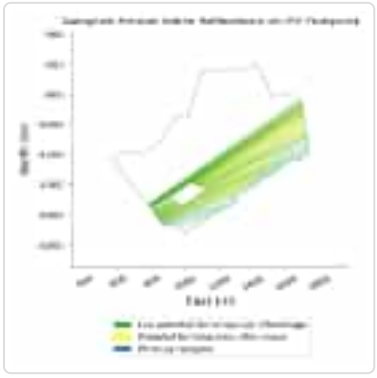
PV array is expected to produce the following glare for this receptor:

- 366 minutes of "green" glare with low potential to cause temporary after-image.
- 4 minutes of "yellow" glare with potential to cause temporary after-image.





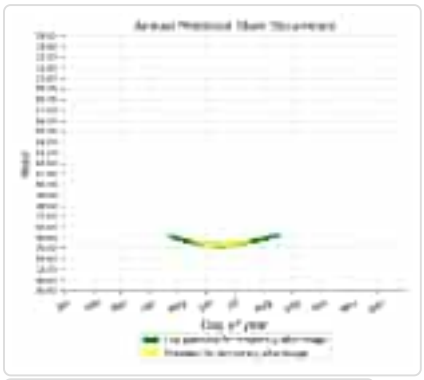


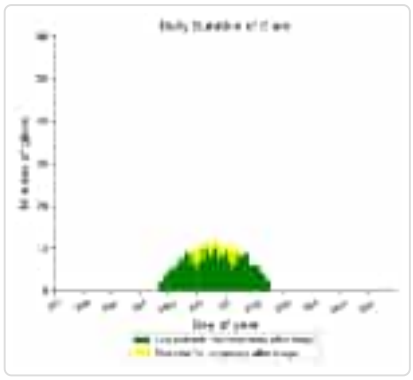


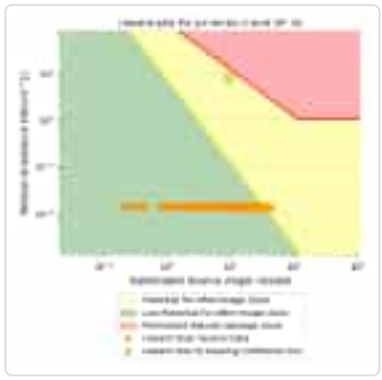
PV array 3: OP 36

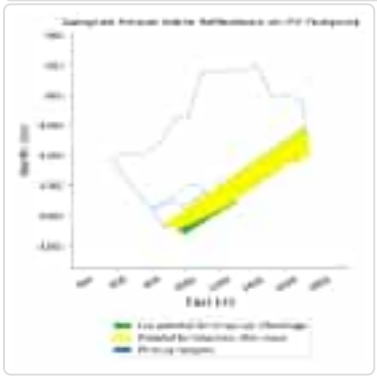
PV array is expected to produce the following glare for this receptor:

- 796 minutes of "green" glare with low potential to cause temporary after-image.
- 136 minutes of "yellow" glare with potential to cause temporary after-image.









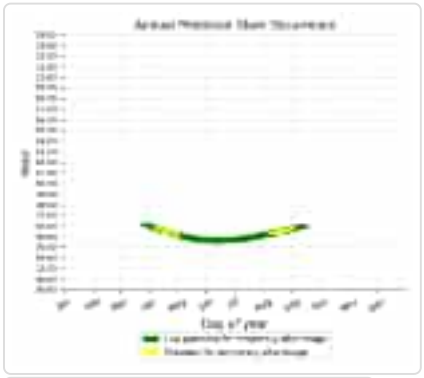
PV array 3: OP 37

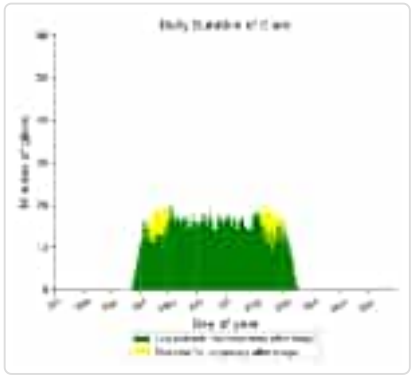
No glare found

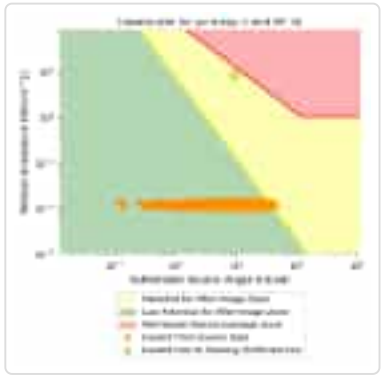
PV array 3: OP 38

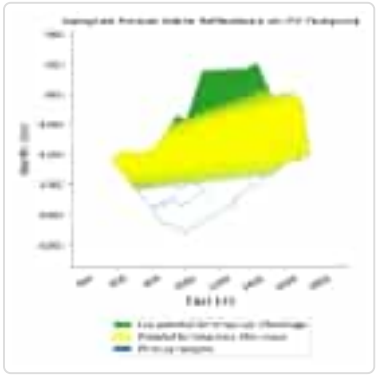
PV array is expected to produce the following glare for this receptor:

- 2,503 minutes of "green" glare with low potential to cause temporary after-image.
- 234 minutes of "yellow" glare with potential to cause temporary after-image.





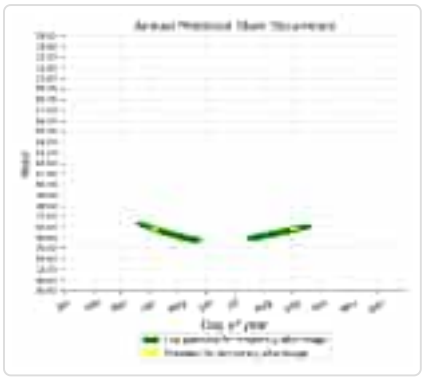


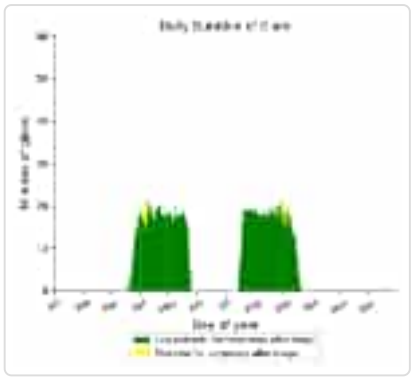


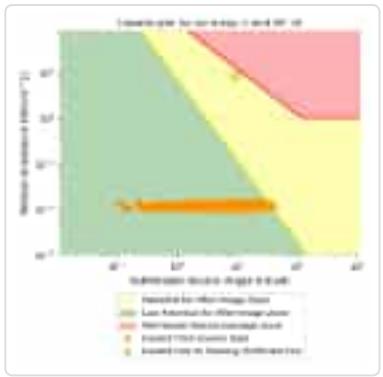
PV array 3: OP 39

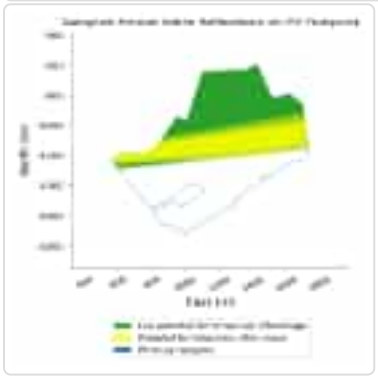
PV array is expected to produce the following glare for this receptor:

- 2,160 minutes of "green" glare with low potential to cause temporary after-image.
- 42 minutes of "yellow" glare with potential to cause temporary after-image.





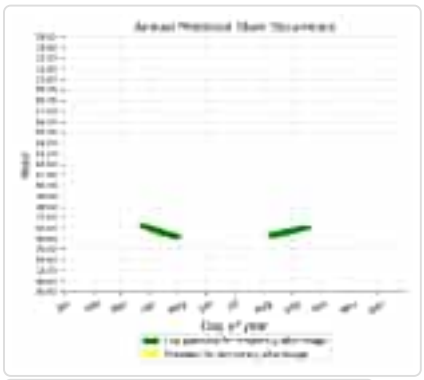


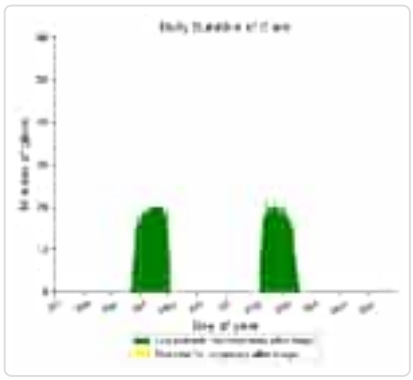


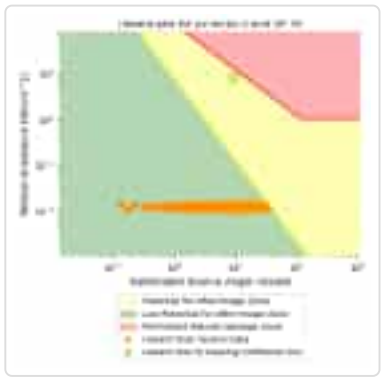
PV array 3: OP 40

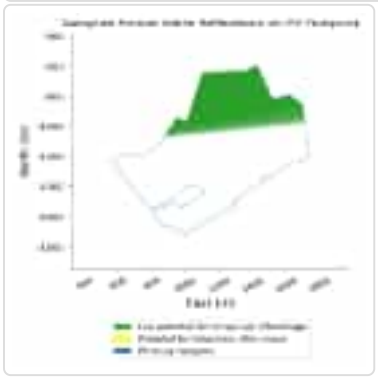
PV array is expected to produce the following glare for this receptor:

- 1,420 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





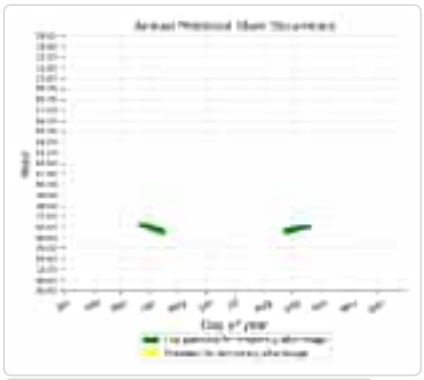


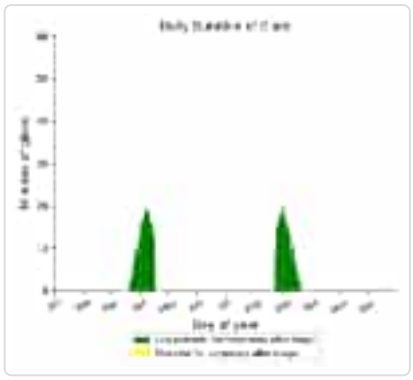


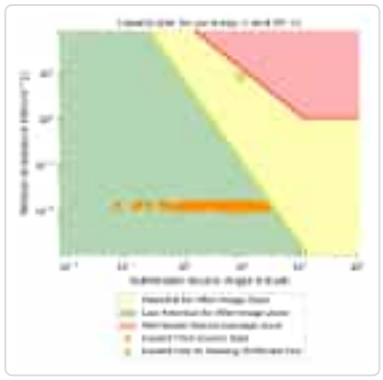
PV array 3: OP 41

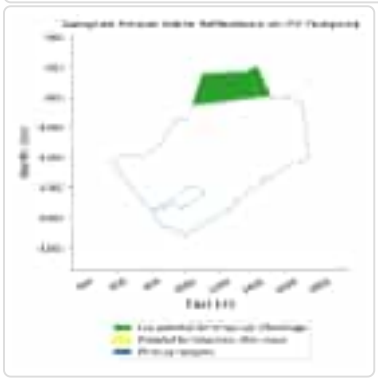
PV array is expected to produce the following glare for this receptor:

- 693 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 42

No glare found

PV array 3: OP 43

No glare found

PV array 3: OP 44

No glare found

PV array 3: OP 45

No glare found

PV array 3: OP 46

No glare found

PV array 3: OP 47

No glare found

PV array 3: OP 48

No glare found

PV array 3: OP 49

No glare found

PV array 3: OP 50

No glare found

PV array 3: OP 51

No glare found

PV array 3: OP 52

No glare found

PV array 3: OP 53

No glare found

PV array 3: OP 54

No glare found

PV array 3: OP 55

No glare found

PV array 3: OP 56

No glare found

PV array 3: OP 57

No glare found

PV array 3: OP 58

No glare found

PV array 3: OP 59

No glare found

PV array 3: OP 60

No glare found

PV array 3: OP 61

No glare found

PV array 3: OP 62

No glare found

PV array 3: OP 63

No glare found

PV array 3: OP 64

No glare found

PV array 3: OP 65

No glare found

PV array 3: OP 66

No glare found

PV array 3: OP 67

No glare found

PV array 3: OP 68

No glare found

PV array 3: OP 69

No glare found

PV array 3: OP 70

No glare found

PV array 3: OP 71

No glare found

PV array 3: OP 72

No glare found

PV array 3: OP 73

No glare found

PV array 3: OP 74

No glare found

PV array 3: OP 75

No glare found

PV array 3: OP 76

No glare found

PV array 3: OP 77

No glare found

PV array 3: OP 78

No glare found

PV array 3: OP 79

No glare found

PV array 3: OP 80

No glare found

PV array 4 potential temporary after-image

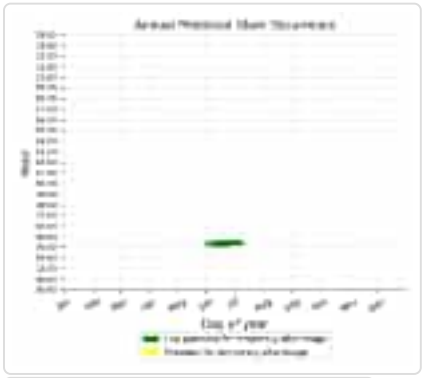
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	518	0
OP: OP 2	491	0
OP: OP 3	467	0
OP: OP 4	319	0
OP: OP 5	358	0
OP: OP 6	342	0
OP: OP 7	303	0
OP: OP 8	303	0
OP: OP 9	245	0
OP: OP 10	176	0
OP: OP 11	105	0
OP: OP 12	1241	92
OP: OP 13	646	828
OP: OP 14	1479	0
OP: OP 15	1268	212
OP: OP 16	496	992
OP: OP 17	425	1082
OP: OP 18	914	582
OP: OP 19	1014	487
OP: OP 20	123	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	1429	0

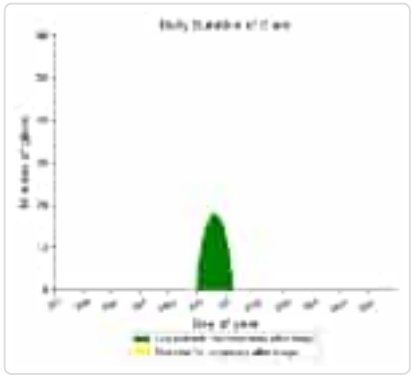
OP: OP 31	1753	0
OP: OP 32	1851	0
OP: OP 33	1804	1
OP: OP 34	1712	0
OP: OP 35	1550	0
OP: OP 36	1221	0
OP: OP 37	0	0
OP: OP 38	1412	0
OP: OP 39	835	0
OP: OP 40	566	0
OP: OP 41	337	0
OP: OP 42	168	0
OP: OP 43	29	0
OP: OP 44	29	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	112	0
OP: OP 59	119	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	456	1055

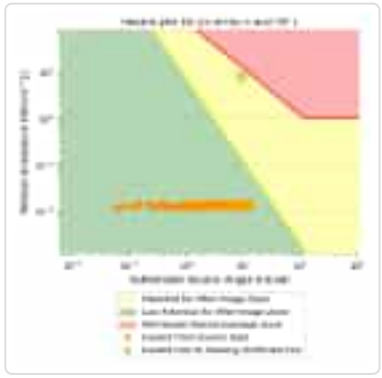
PV array 4: OP 1

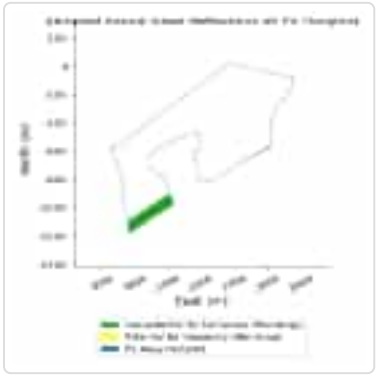
PV array is expected to produce the following glare for this receptor:

- 518 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





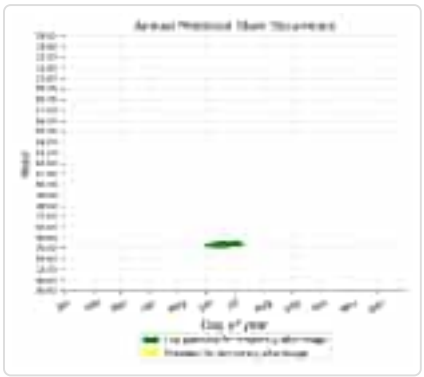


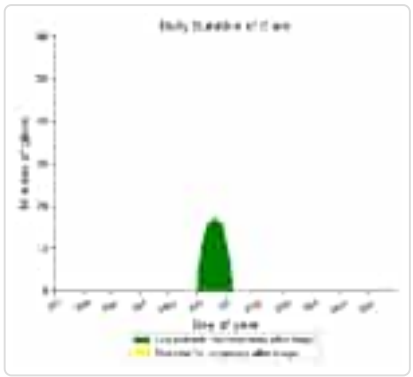


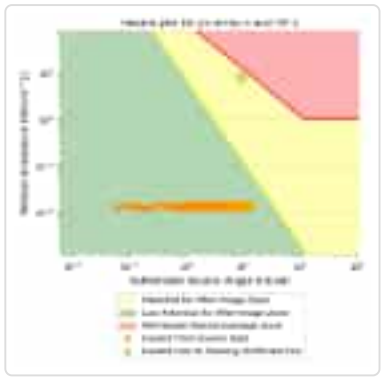
PV array 4: OP 2

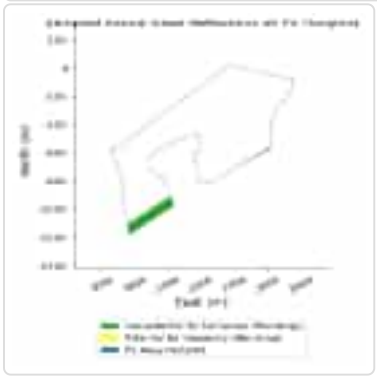
PV array is expected to produce the following glare for this receptor:

- 491 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





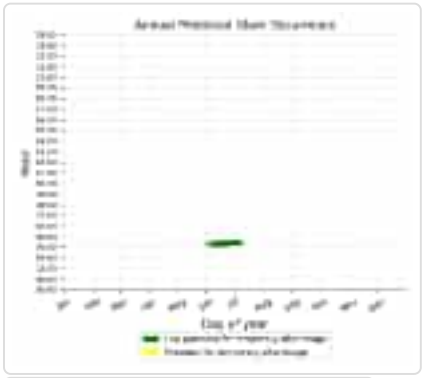


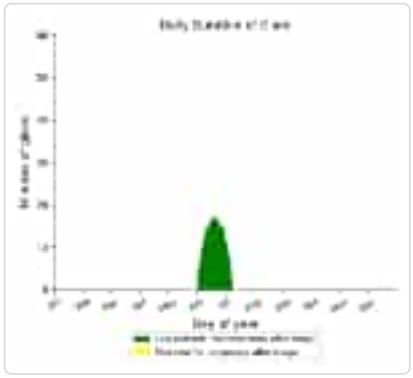


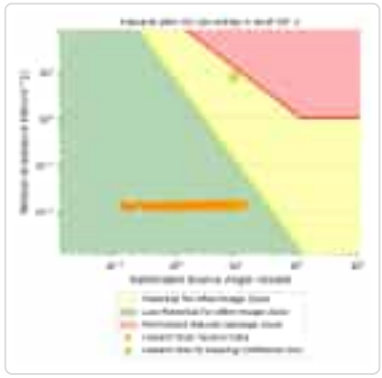
PV array 4: OP 3

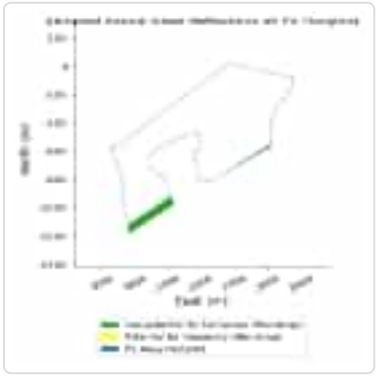
PV array is expected to produce the following glare for this receptor:

- 467 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





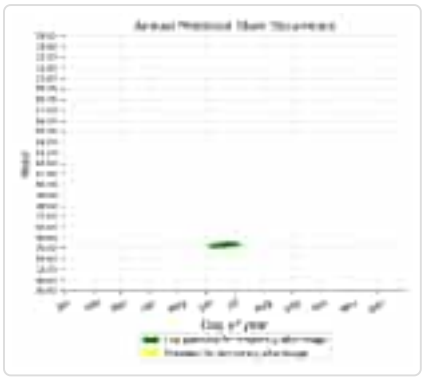


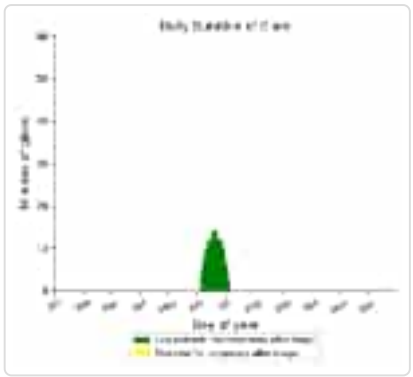


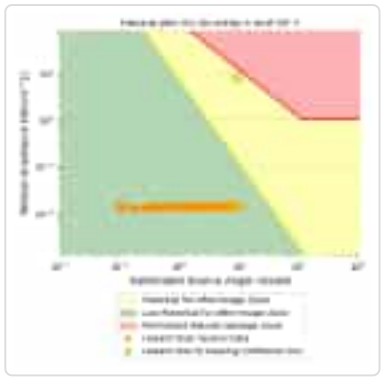
PV array 4: OP 4

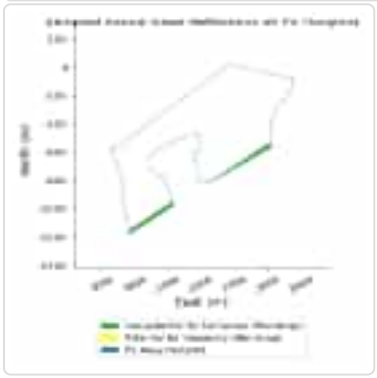
PV array is expected to produce the following glare for this receptor:

- 319 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





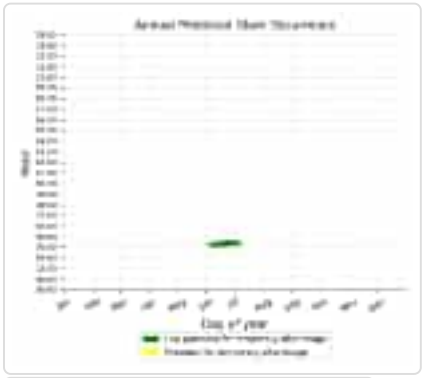


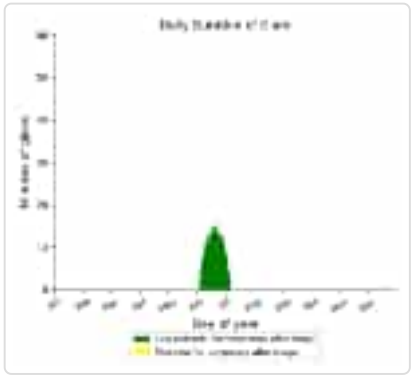


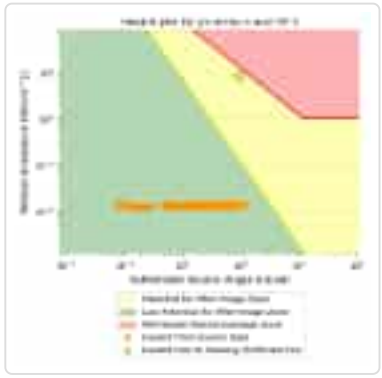
PV array 4: OP 5

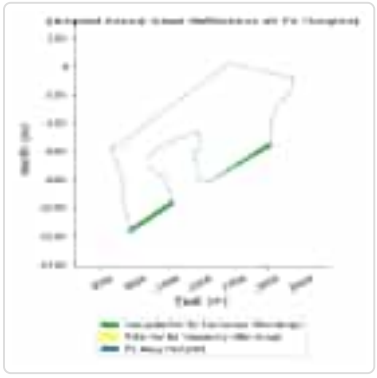
PV array is expected to produce the following glare for this receptor:

- 358 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





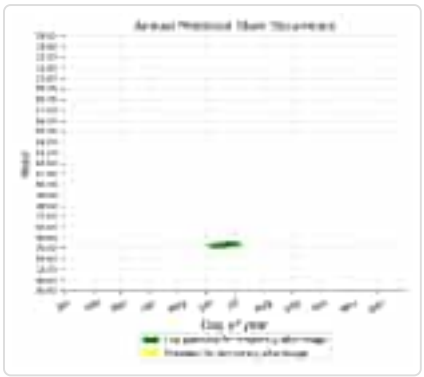


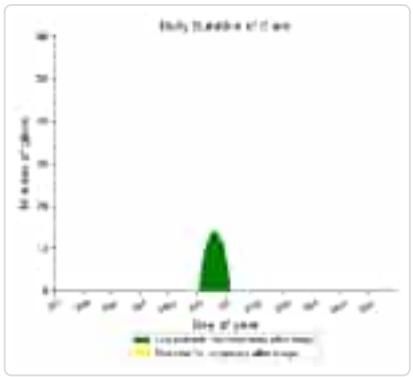


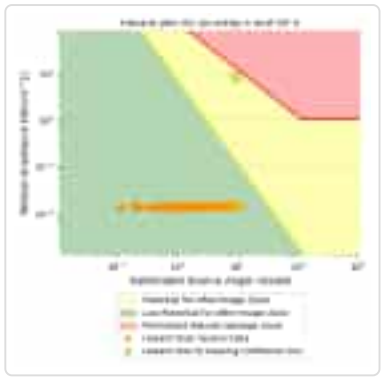
PV array 4: OP 6

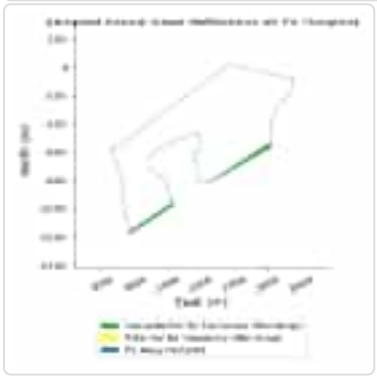
PV array is expected to produce the following glare for this receptor:

- 342 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





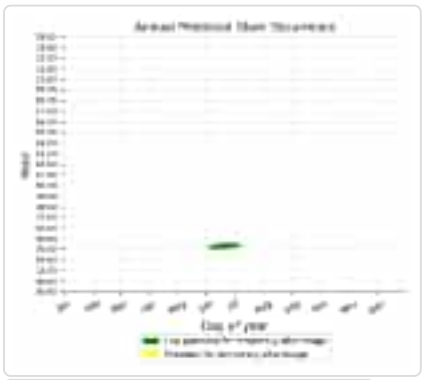


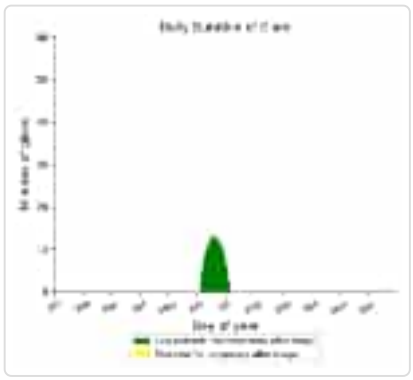


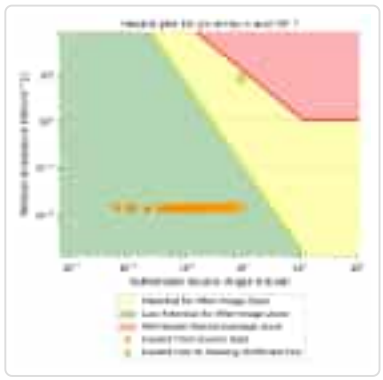
PV array 4: OP 7

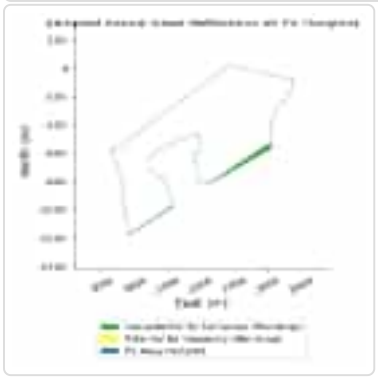
PV array is expected to produce the following glare for this receptor:

- 303 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





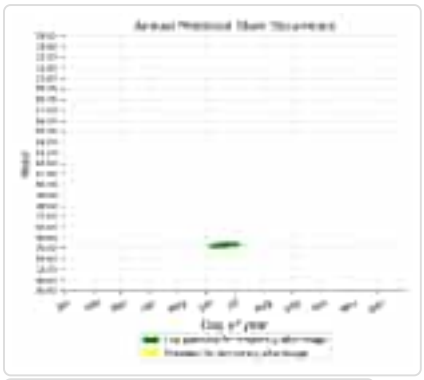


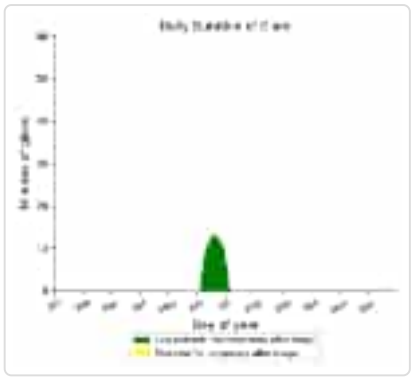


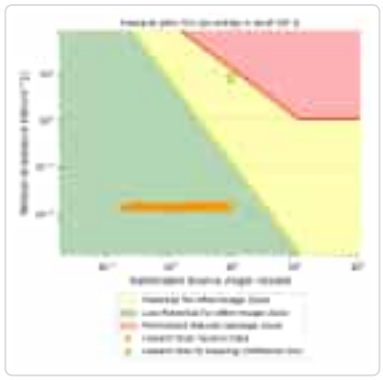
PV array 4: OP 8

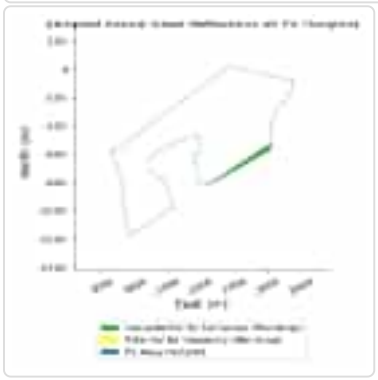
PV array is expected to produce the following glare for this receptor:

- 303 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





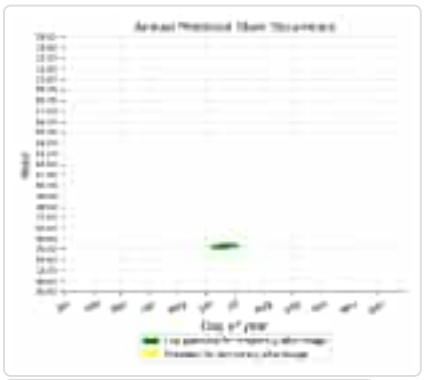


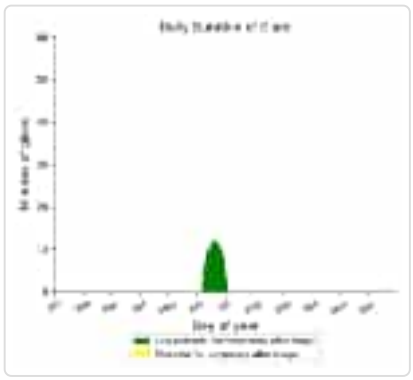


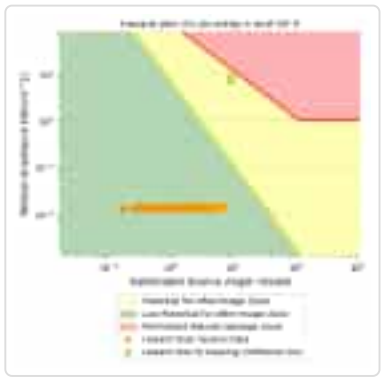
PV array 4: OP 9

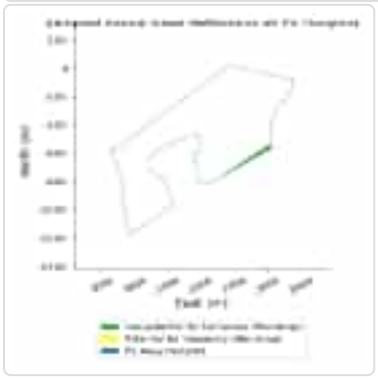
PV array is expected to produce the following glare for this receptor:

- 245 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





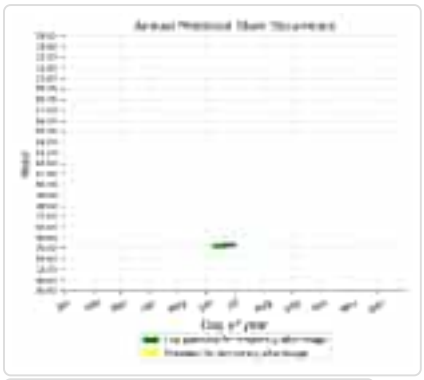


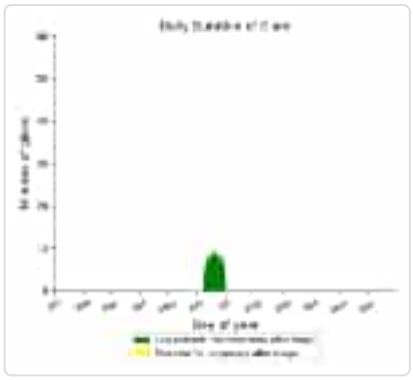


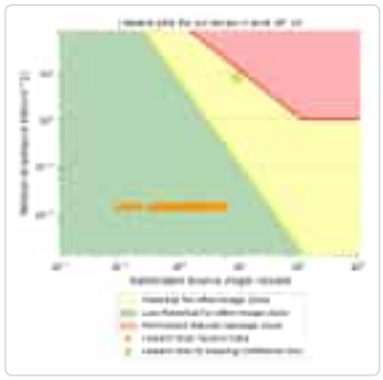
PV array 4: OP 10

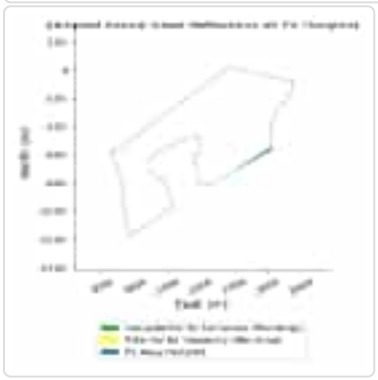
PV array is expected to produce the following glare for this receptor:

- 176 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





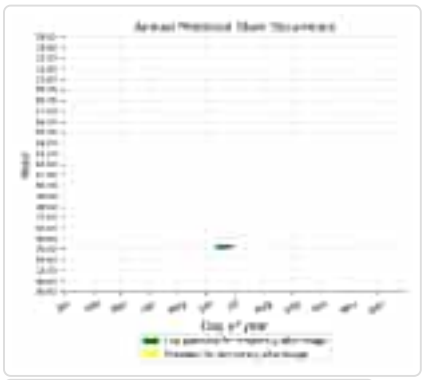


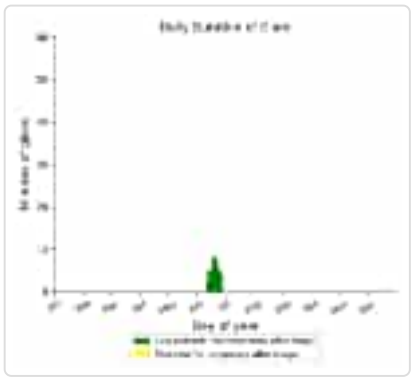


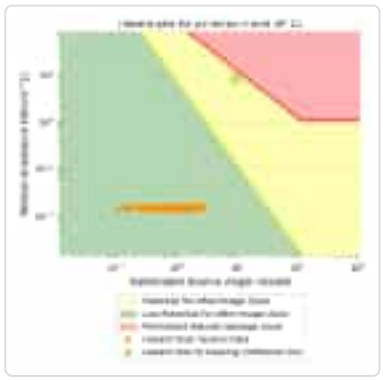
PV array 4: OP 11

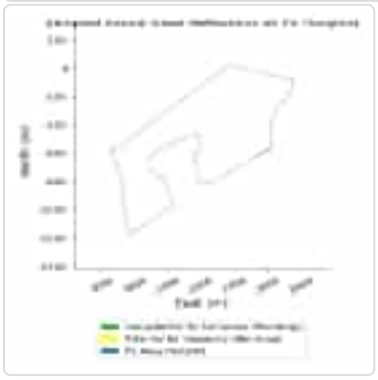
PV array is expected to produce the following glare for this receptor:

- 105 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





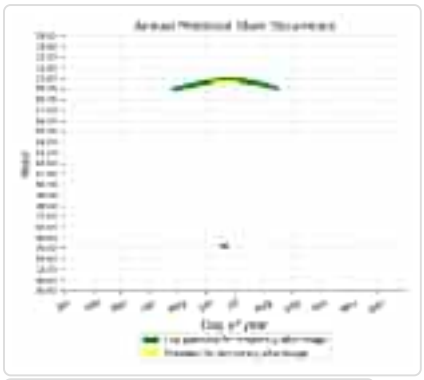


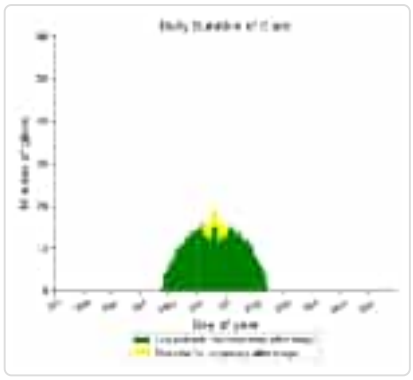


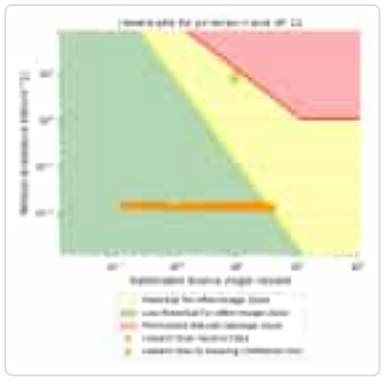
PV array 4: OP 12

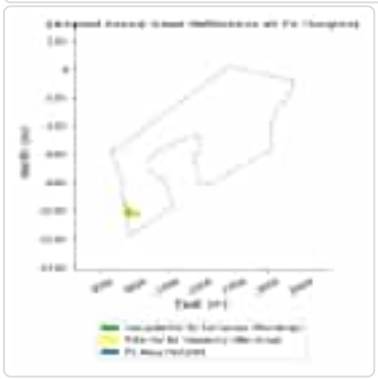
PV array is expected to produce the following glare for this receptor:

- 1,241 minutes of "green" glare with low potential to cause temporary after-image.
- 92 minutes of "yellow" glare with potential to cause temporary after-image.





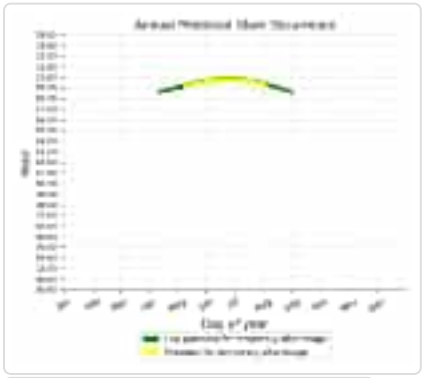


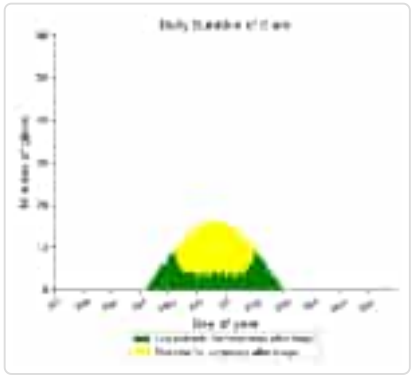


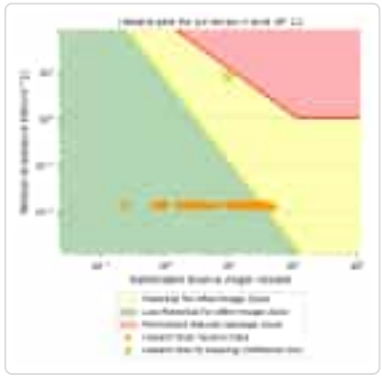
PV array 4: OP 13

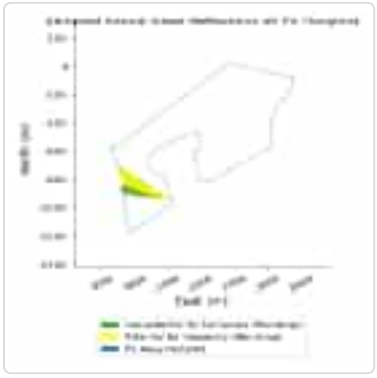
PV array is expected to produce the following glare for this receptor:

- 646 minutes of "green" glare with low potential to cause temporary after-image.
- 828 minutes of "yellow" glare with potential to cause temporary after-image.





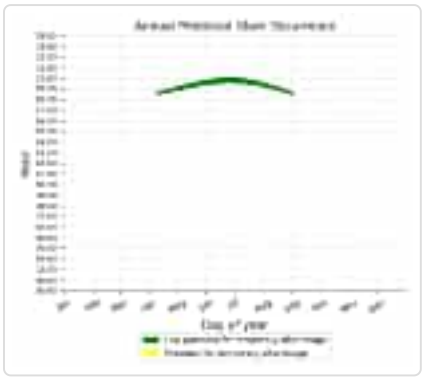


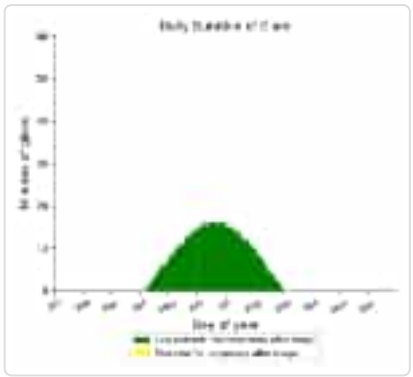


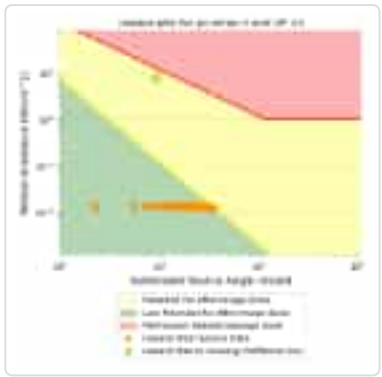
PV array 4: OP 14

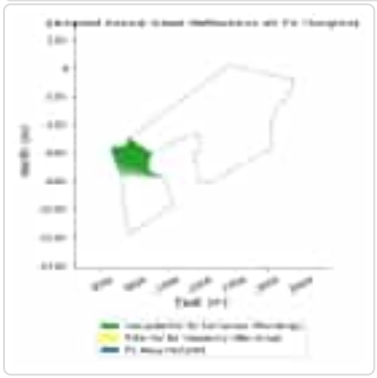
PV array is expected to produce the following glare for this receptor:

- 1,479 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





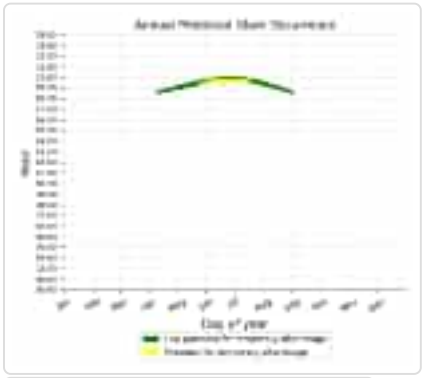


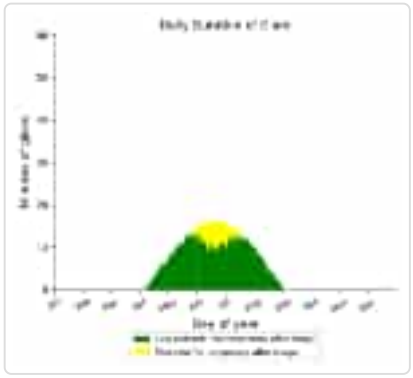


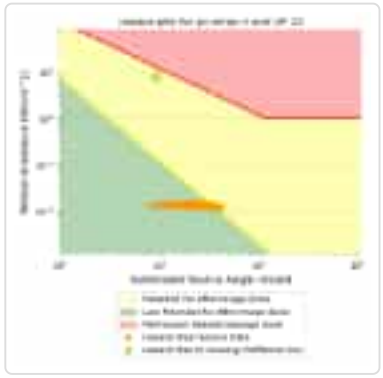
PV array 4: OP 15

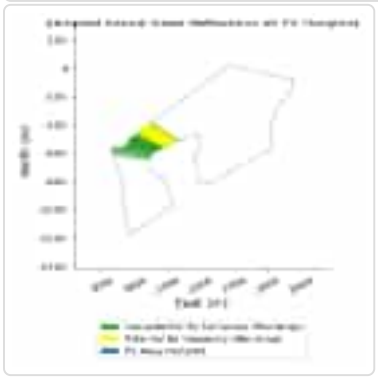
PV array is expected to produce the following glare for this receptor:

- 1,268 minutes of "green" glare with low potential to cause temporary after-image.
- 212 minutes of "yellow" glare with potential to cause temporary after-image.





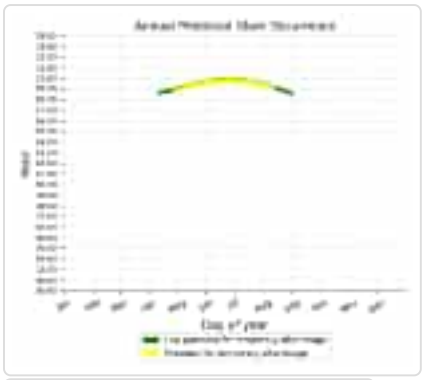


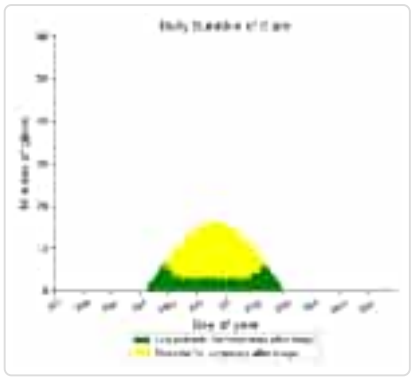


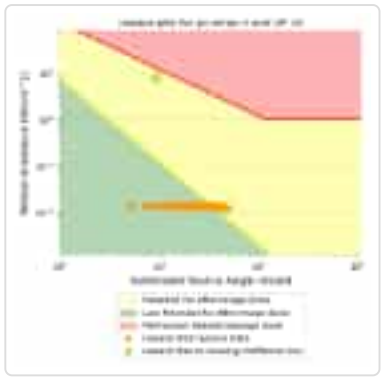
PV array 4: OP 16

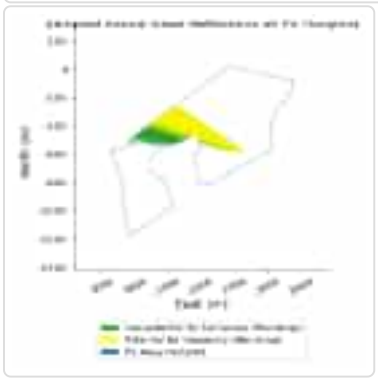
PV array is expected to produce the following glare for this receptor:

- 496 minutes of "green" glare with low potential to cause temporary after-image.
- 992 minutes of "yellow" glare with potential to cause temporary after-image.





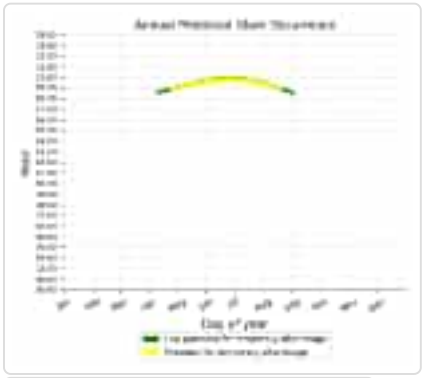


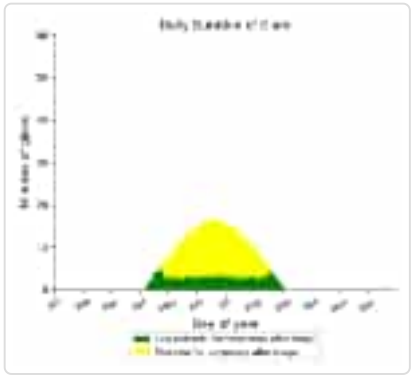


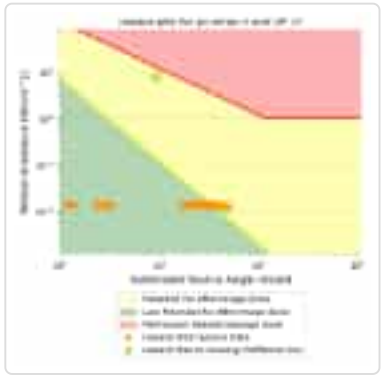
PV array 4: OP 17

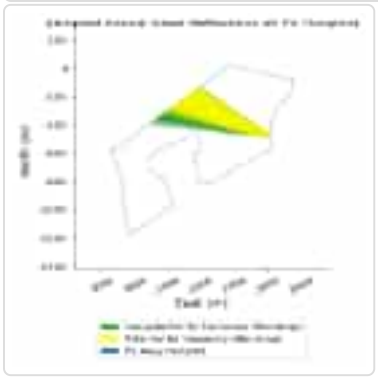
PV array is expected to produce the following glare for this receptor:

- 425 minutes of "green" glare with low potential to cause temporary after-image.
- 1,082 minutes of "yellow" glare with potential to cause temporary after-image.





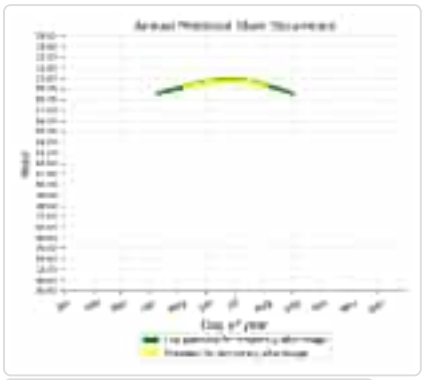


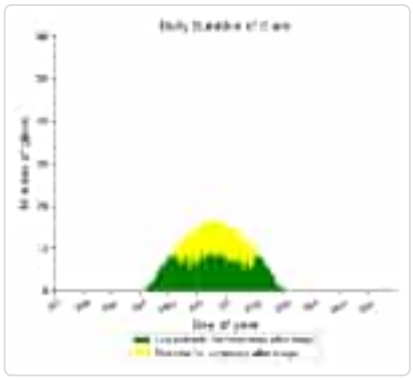


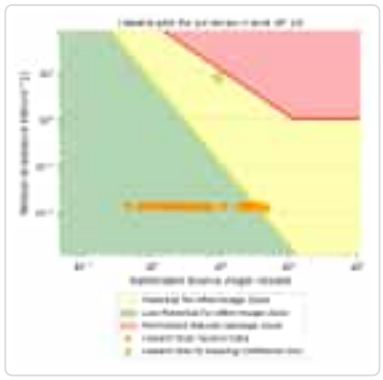
PV array 4: OP 18

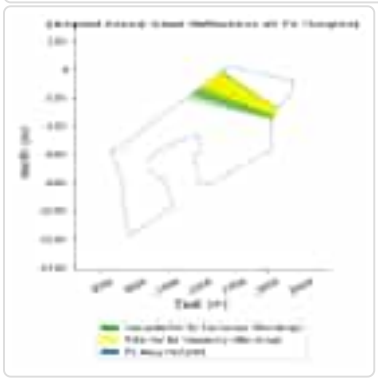
PV array is expected to produce the following glare for this receptor:

- 914 minutes of "green" glare with low potential to cause temporary after-image.
- 582 minutes of "yellow" glare with potential to cause temporary after-image.





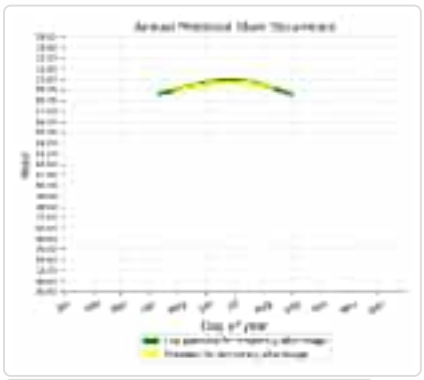


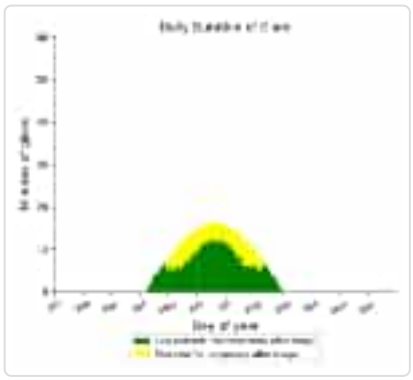


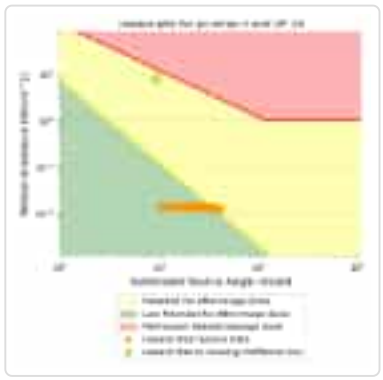
PV array 4: OP 19

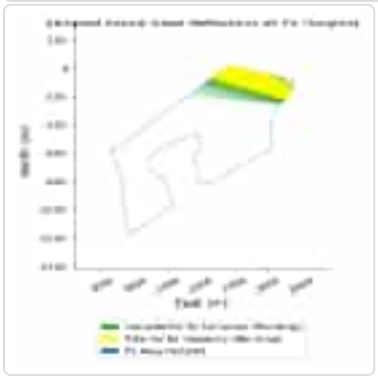
PV array is expected to produce the following glare for this receptor:

- 1,014 minutes of "green" glare with low potential to cause temporary after-image.
- 487 minutes of "yellow" glare with potential to cause temporary after-image.





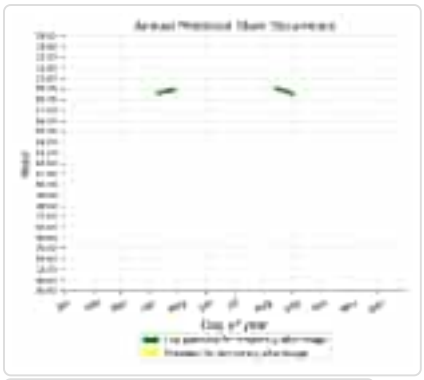


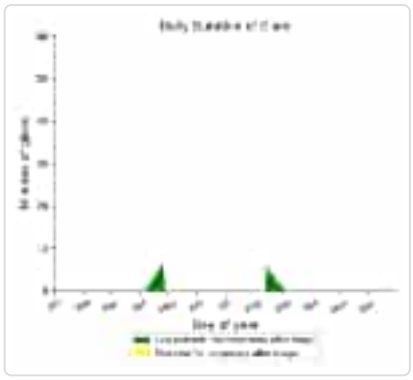


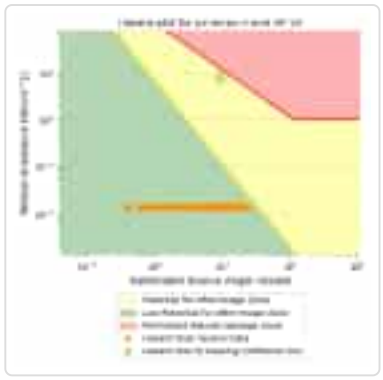
PV array 4: OP 20

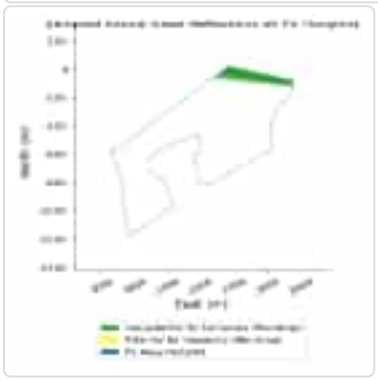
PV array is expected to produce the following glare for this receptor:

- 123 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 21

No glare found

PV array 4: OP 22

No glare found

PV array 4: OP 23

No glare found

PV array 4: OP 24

No glare found

PV array 4: OP 25

No glare found

PV array 4: OP 26

No glare found

PV array 4: OP 27

No glare found

PV array 4: OP 28

No glare found

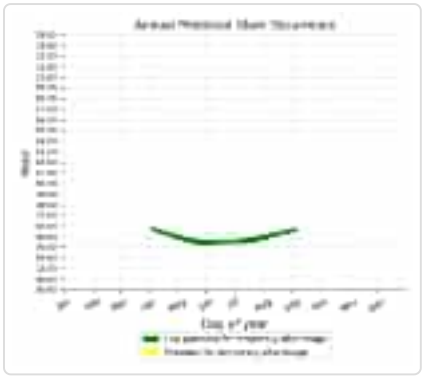
PV array 4: OP 29

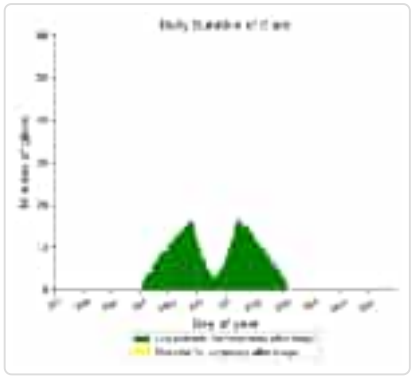
No glare found

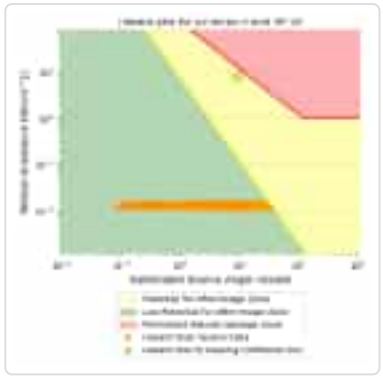
PV array 4: OP 30

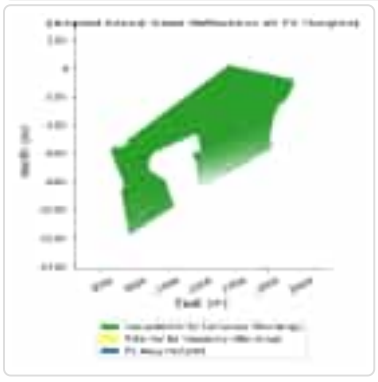
PV array is expected to produce the following glare for this receptor:

- 1,429 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





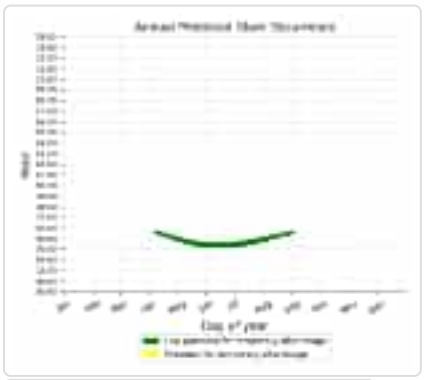


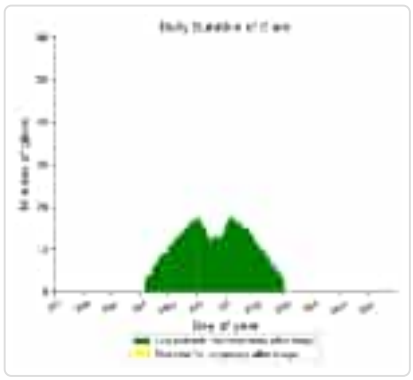


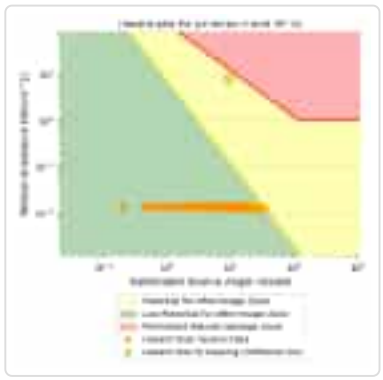
PV array 4: OP 31

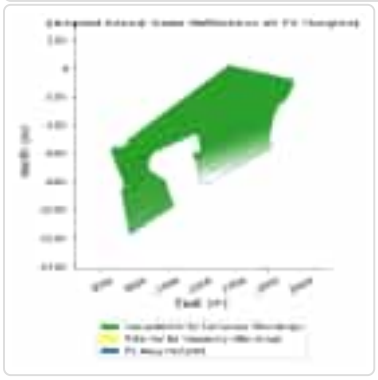
PV array is expected to produce the following glare for this receptor:

- 1,753 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





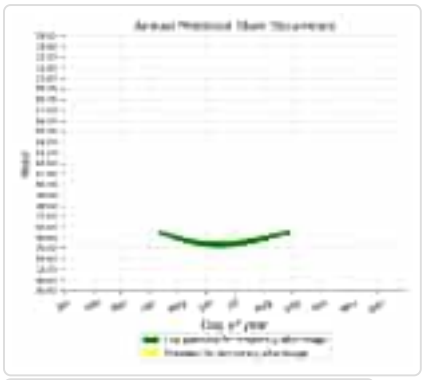


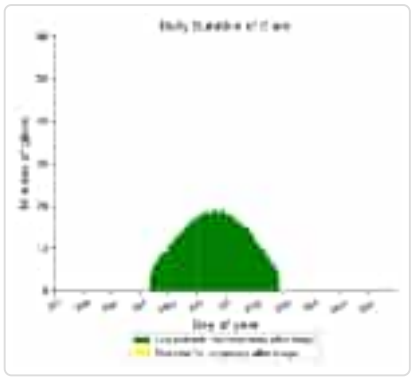


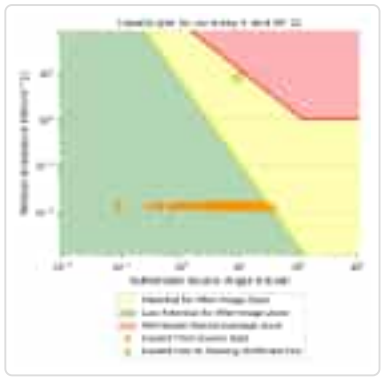
PV array 4: OP 32

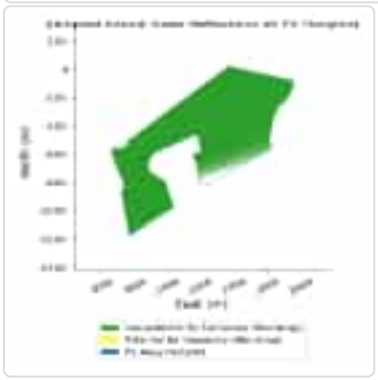
PV array is expected to produce the following glare for this receptor:

- 1,851 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





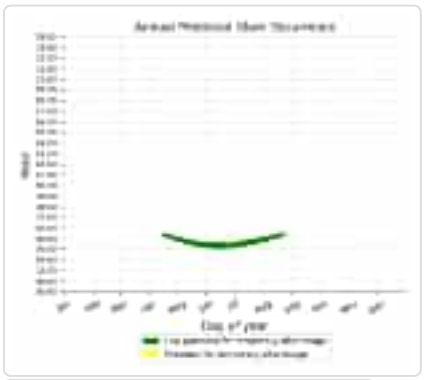


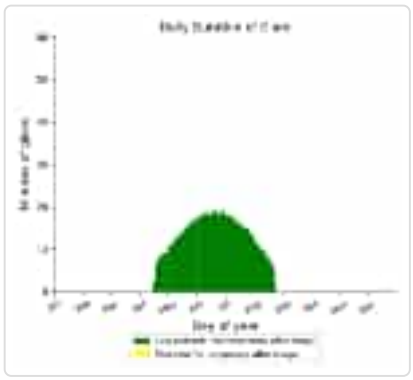


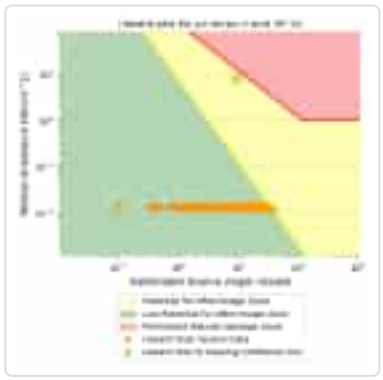
PV array 4: OP 33

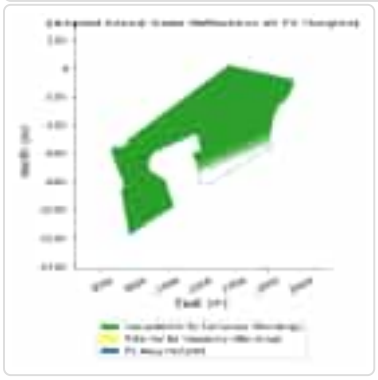
PV array is expected to produce the following glare for this receptor:

- 1,804 minutes of "green" glare with low potential to cause temporary after-image.
- 1 minutes of "yellow" glare with potential to cause temporary after-image.





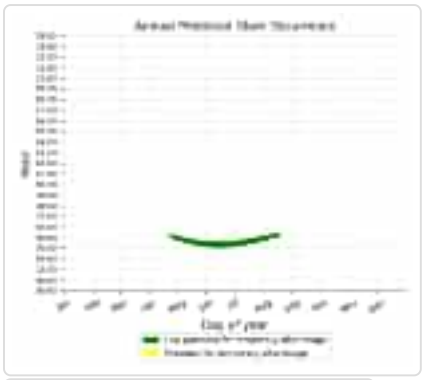


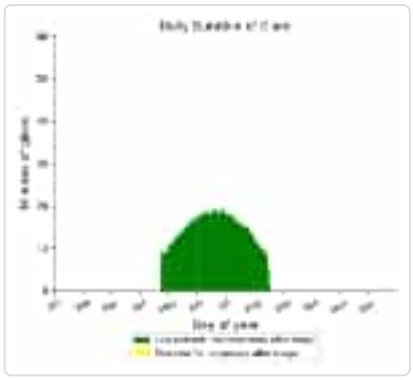


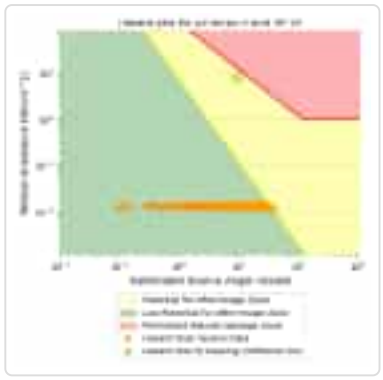
PV array 4: OP 34

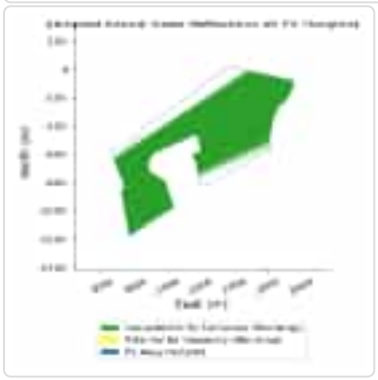
PV array is expected to produce the following glare for this receptor:

- 1,712 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





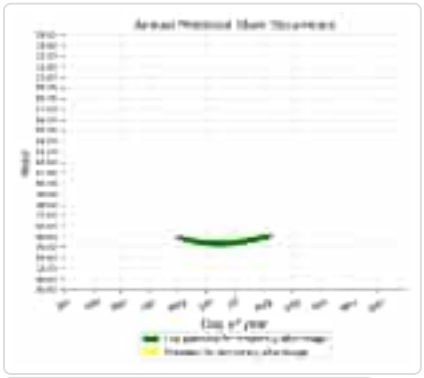


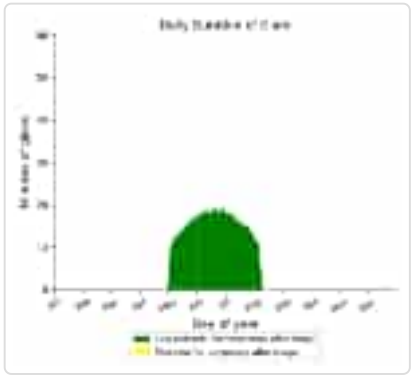


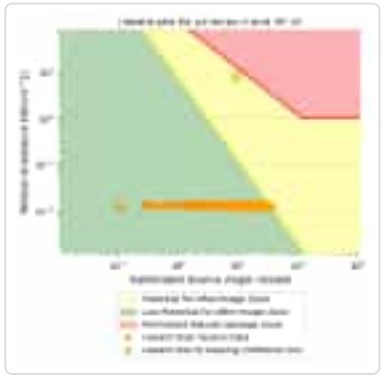
PV array 4: OP 35

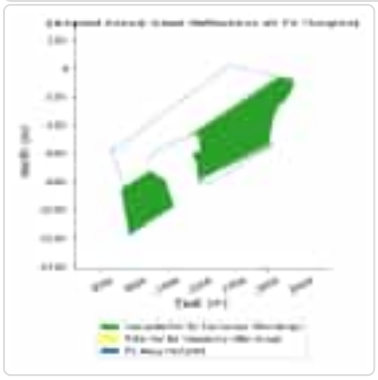
PV array is expected to produce the following glare for this receptor:

- 1,550 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





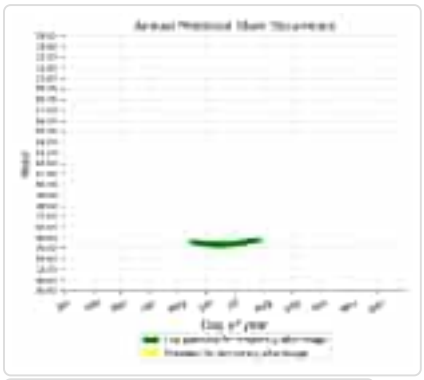


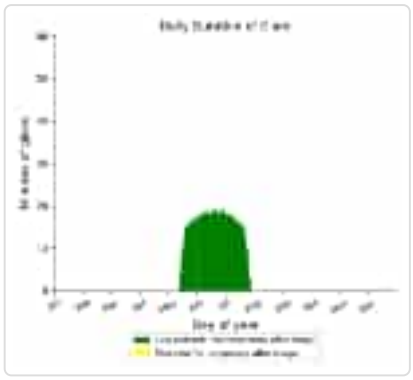


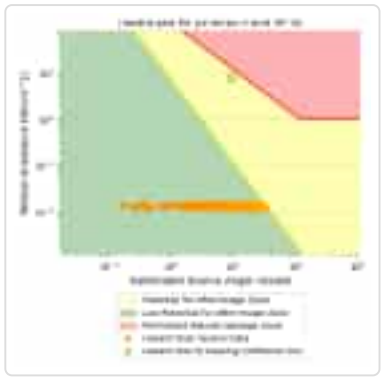
PV array 4: OP 36

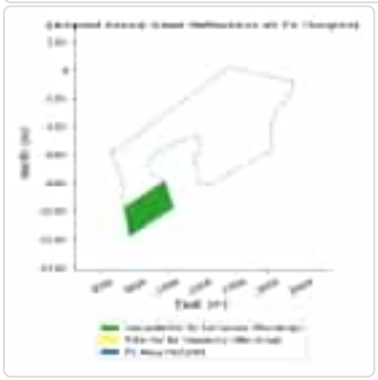
PV array is expected to produce the following glare for this receptor:

- 1,221 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









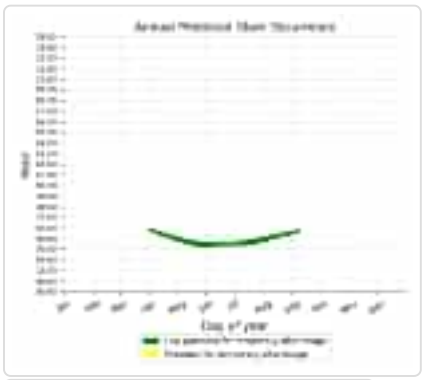
PV array 4: OP 37

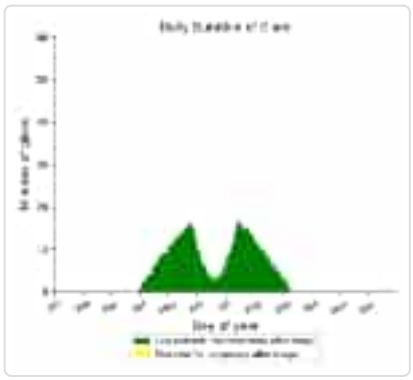
No glare found

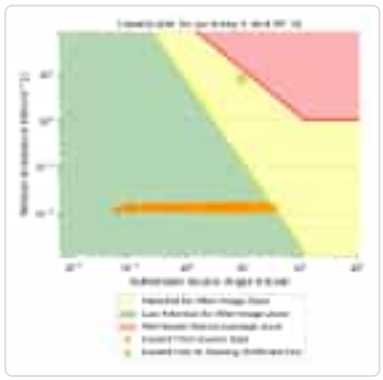
PV array 4: OP 38

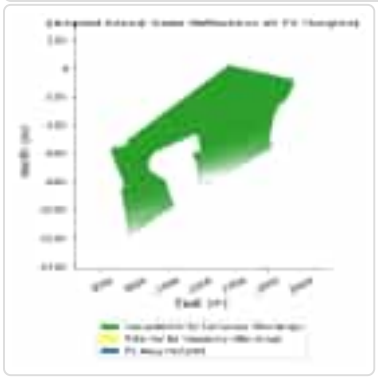
PV array is expected to produce the following glare for this receptor:

- 1,412 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





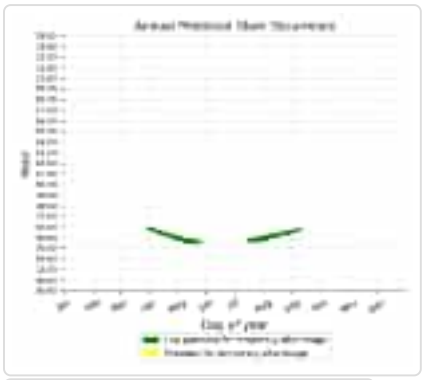


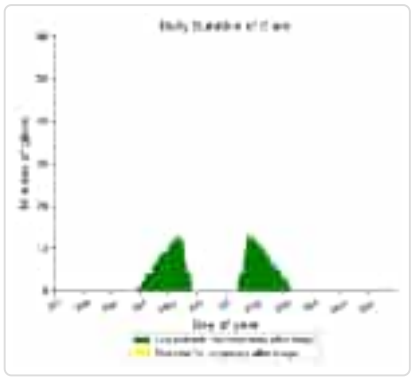


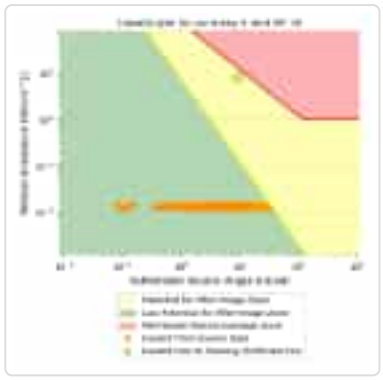
PV array 4: OP 39

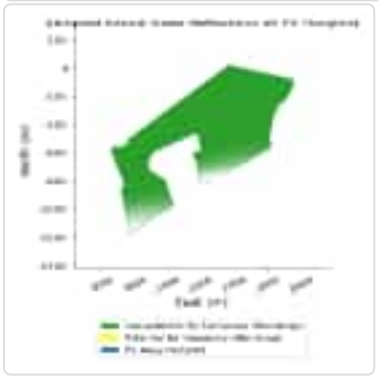
PV array is expected to produce the following glare for this receptor:

- 835 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





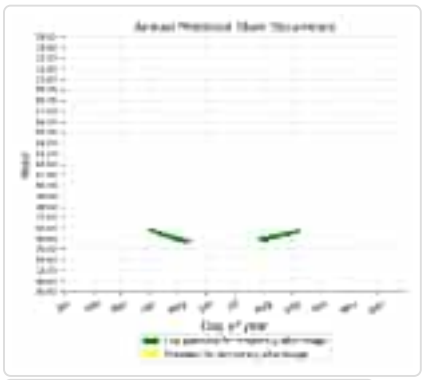


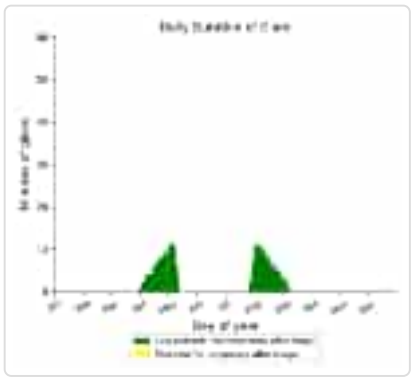


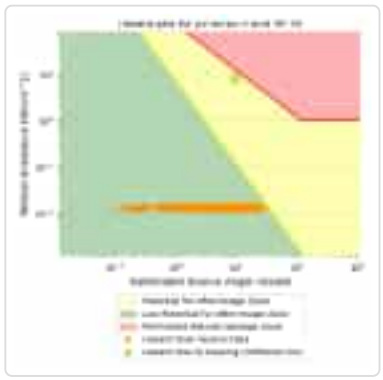
PV array 4: OP 40

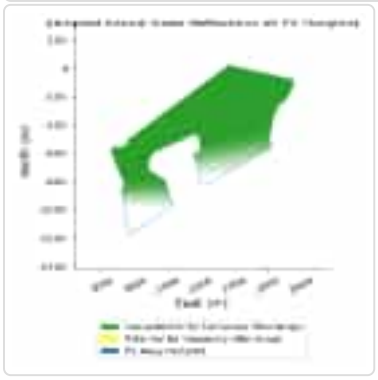
PV array is expected to produce the following glare for this receptor:

- 566 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





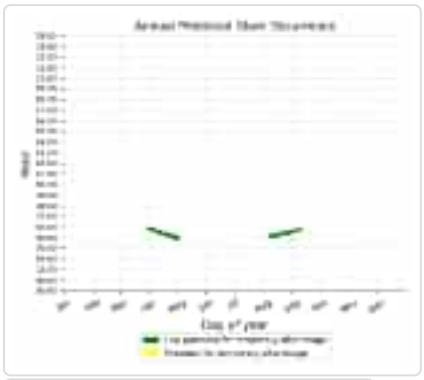


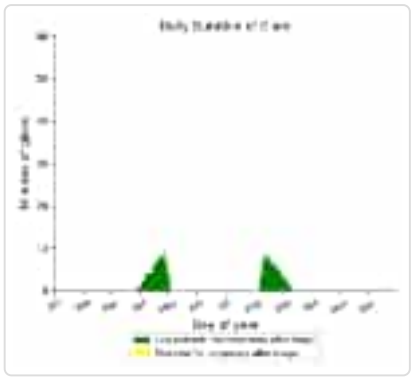


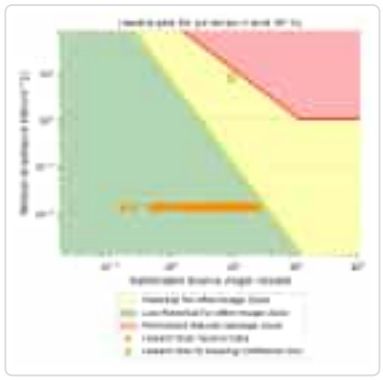
PV array 4: OP 41

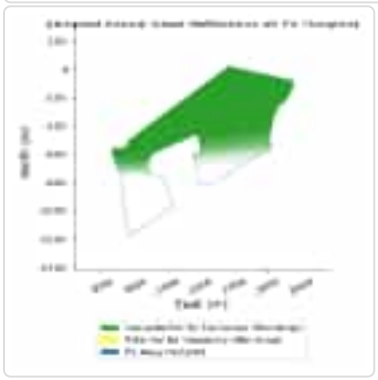
PV array is expected to produce the following glare for this receptor:

- 337 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





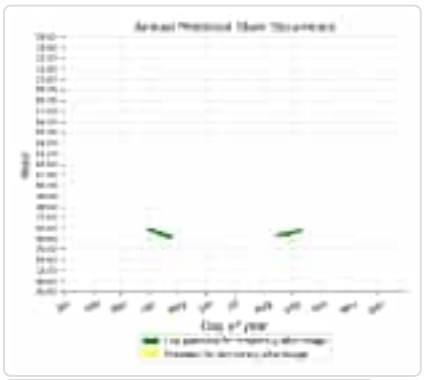


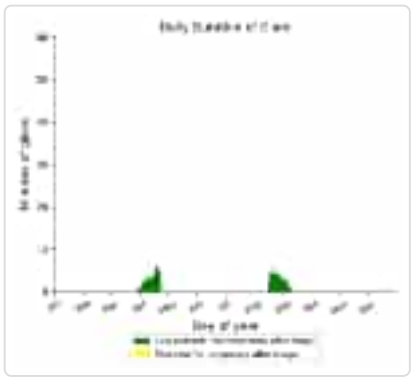


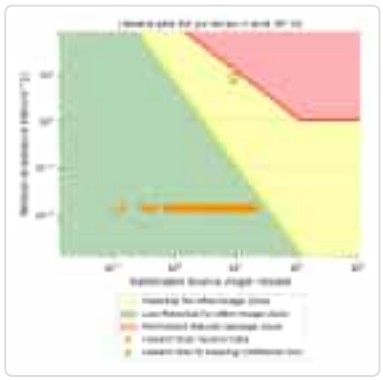
PV array 4: OP 42

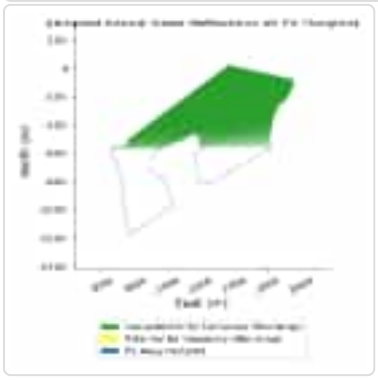
PV array is expected to produce the following glare for this receptor:

- 168 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





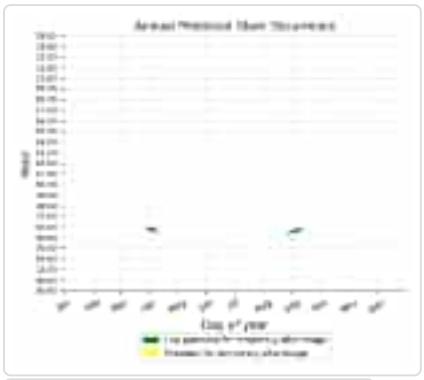


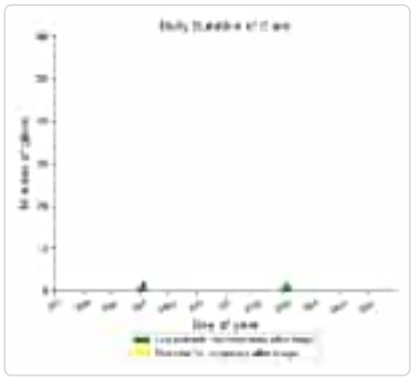


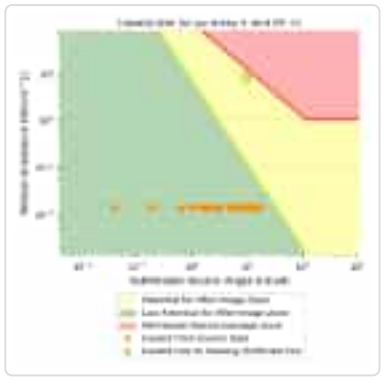
PV array 4: OP 43

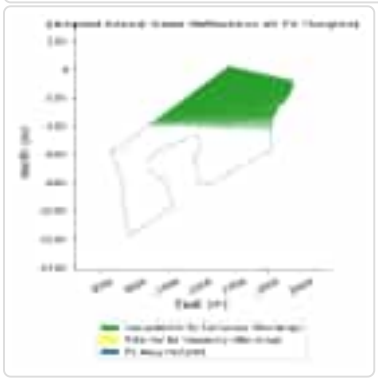
PV array is expected to produce the following glare for this receptor:

- 29 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





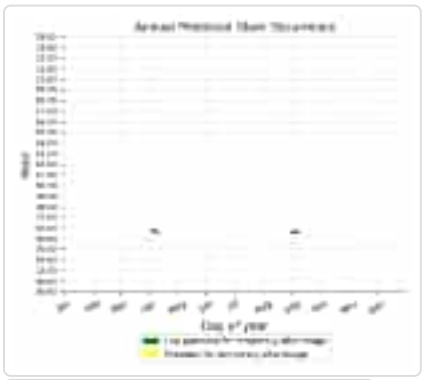


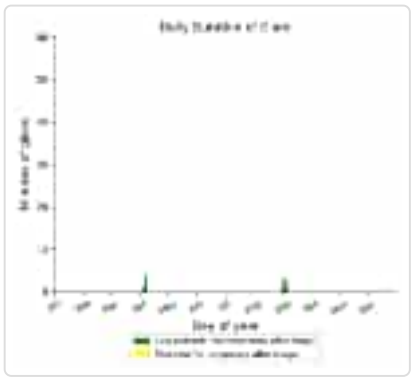


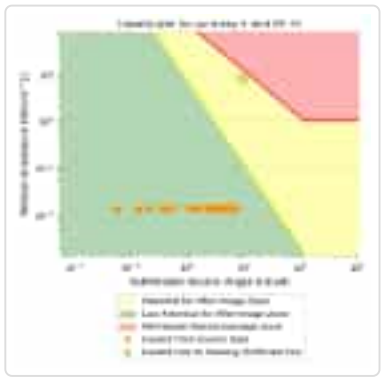
PV array 4: OP 44

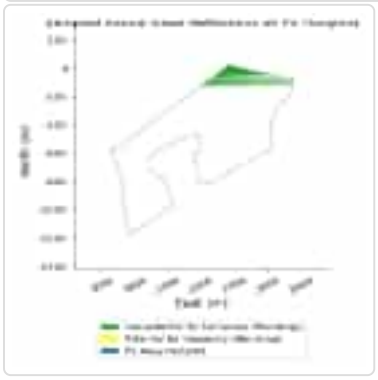
PV array is expected to produce the following glare for this receptor:

- 29 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 45

No glare found

PV array 4: OP 46

No glare found

PV array 4: OP 47

No glare found

PV array 4: OP 48

No glare found

PV array 4: OP 49

No glare found

PV array 4: OP 50

No glare found

PV array 4: OP 51

No glare found

PV array 4: OP 52

No glare found

PV array 4: OP 53

No glare found

PV array 4: OP 54

No glare found

PV array 4: OP 55

No glare found

PV array 4: OP 56

No glare found

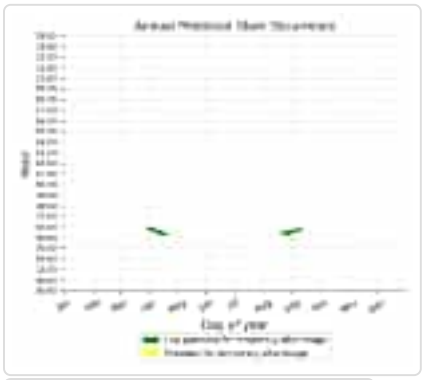
PV array 4: OP 57

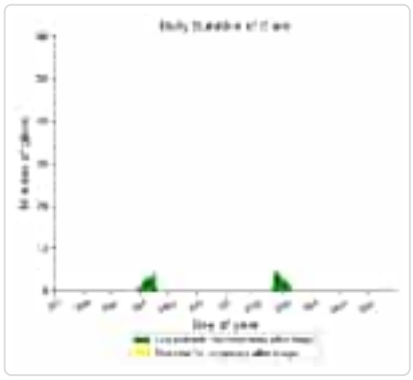
No glare found

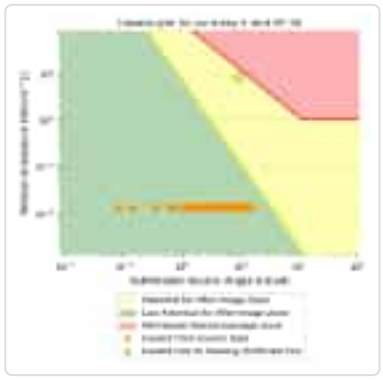
PV array 4: OP 58

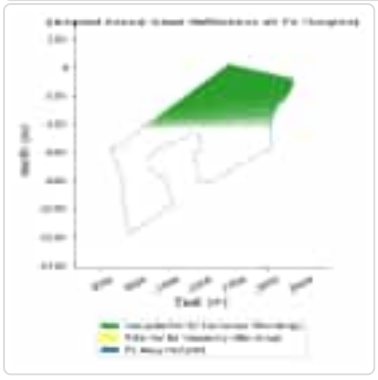
PV array is expected to produce the following glare for this receptor:

- 112 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





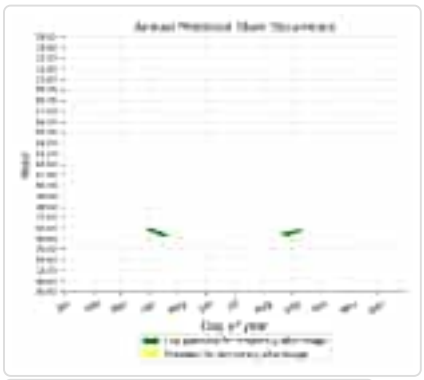


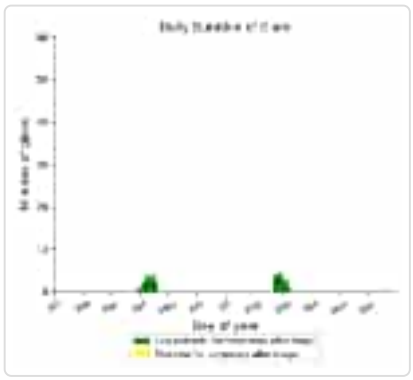


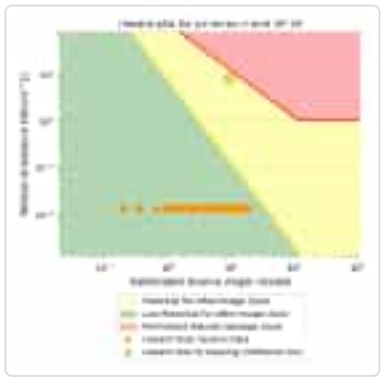
PV array 4: OP 59

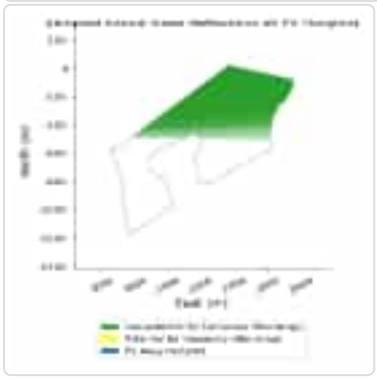
PV array is expected to produce the following glare for this receptor:

- 119 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 60

No glare found

PV array 4: OP 61

No glare found

PV array 4: OP 62

No glare found

PV array 4: OP 63

No glare found

PV array 4: OP 64

No glare found

PV array 4: OP 65

No glare found

PV array 4: OP 66

No glare found

PV array 4: OP 67

No glare found

PV array 4: OP 68

No glare found

PV array 4: OP 69

No glare found

PV array 4: OP 70

No glare found

PV array 4: OP 71

No glare found

PV array 4: OP 72

No glare found

PV array 4: OP 73

No glare found

PV array 4: OP 74

No glare found

PV array 4: OP 75

No glare found

PV array 4: OP 76

No glare found

PV array 4: OP 77

No glare found

PV array 4: OP 78

No glare found

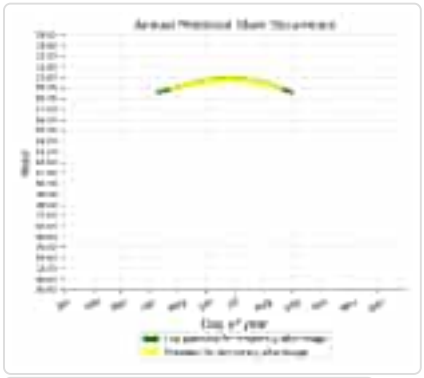
PV array 4: OP 79

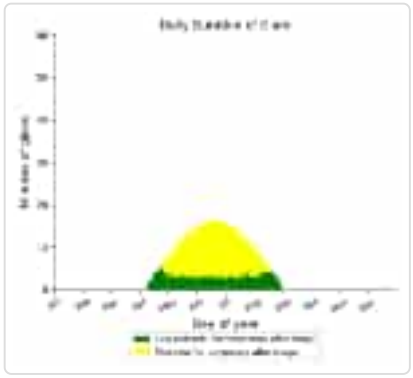
No glare found

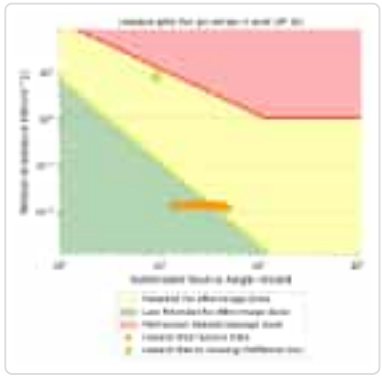
PV array 4: OP 80

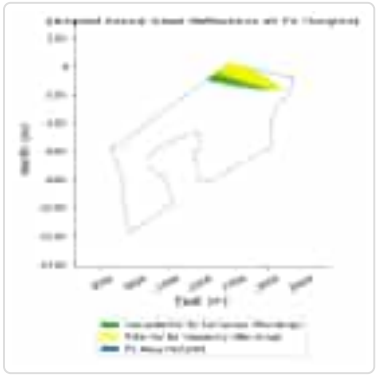
PV array is expected to produce the following glare for this receptor:

- 456 minutes of "green" glare with low potential to cause temporary after-image.
- 1,055 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	474	0
OP: OP 2	469	0
OP: OP 3	447	0
OP: OP 4	349	0
OP: OP 5	387	0
OP: OP 6	385	0
OP: OP 7	374	0
OP: OP 8	397	0
OP: OP 9	378	0
OP: OP 10	381	0
OP: OP 11	364	0
OP: OP 12	354	0
OP: OP 13	324	0
OP: OP 14	329	0
OP: OP 15	315	0
OP: OP 16	284	0
OP: OP 17	187	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	1245	1663
OP: OP 21	1617	1105
OP: OP 22	2671	0
OP: OP 23	588	0
OP: OP 24	0	0
OP: OP 25	0	0

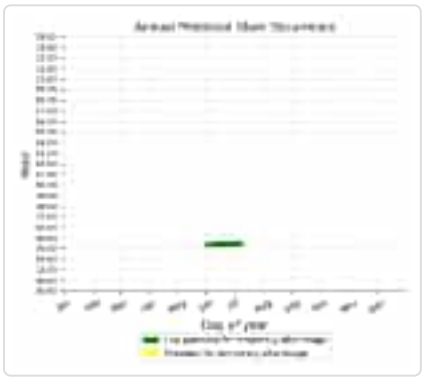
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	2798	0
OP: OP 31	3098	0
OP: OP 32	3127	0
OP: OP 33	2885	0
OP: OP 34	2508	0
OP: OP 35	1976	0
OP: OP 36	1203	0
OP: OP 37	0	0
OP: OP 38	2810	0
OP: OP 39	2080	0
OP: OP 40	1739	0
OP: OP 41	1510	0
OP: OP 42	1315	0
OP: OP 43	1161	0
OP: OP 44	929	0
OP: OP 45	527	0
OP: OP 46	208	0
OP: OP 47	15	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	1169	0
OP: OP 59	1133	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	1660	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	4302	1043

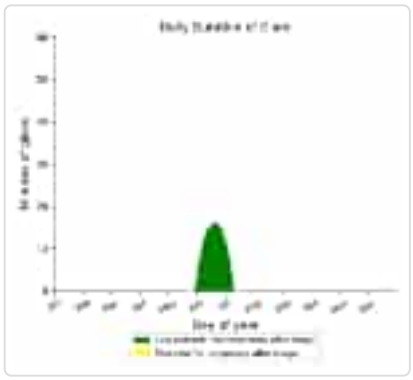
OP: OP 80	4660	1361

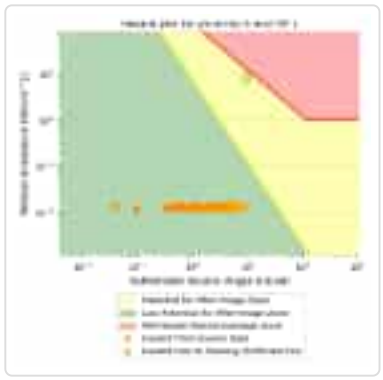
PV array 5: OP 1

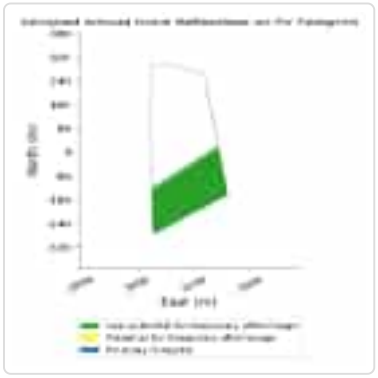
PV array is expected to produce the following glare for this receptor:

- 474 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





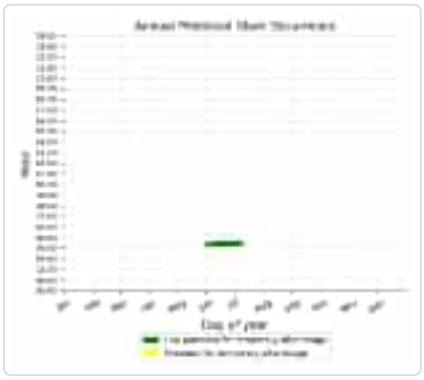


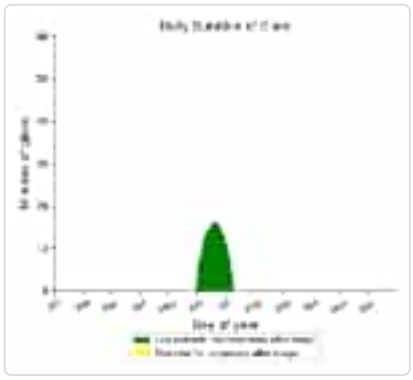


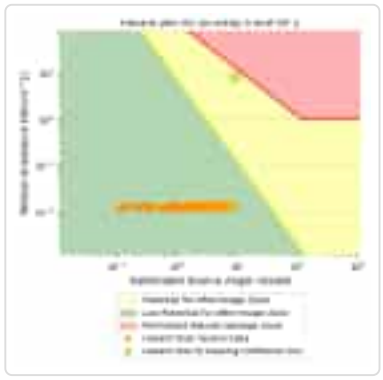
PV array 5: OP 2

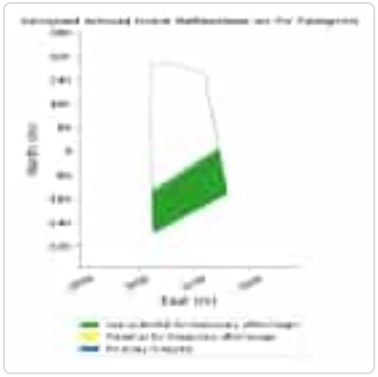
PV array is expected to produce the following glare for this receptor:

- 469 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





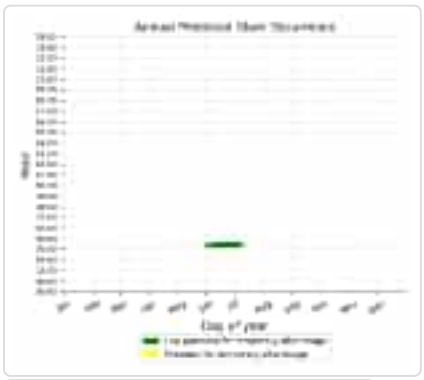


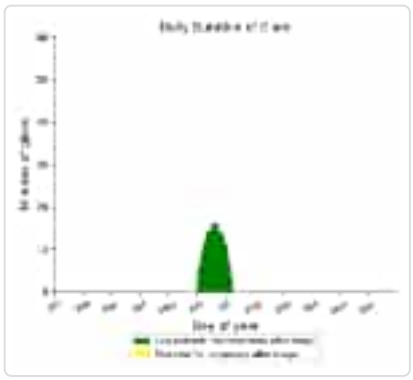


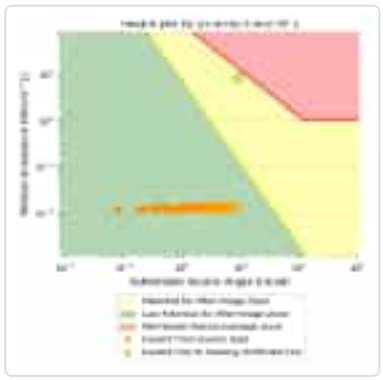
PV array 5: OP 3

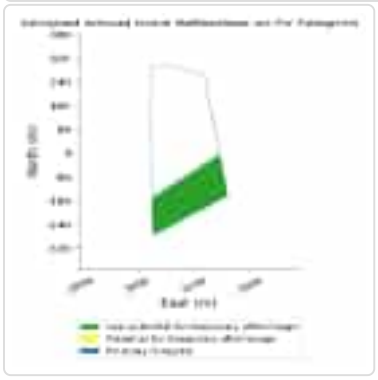
PV array is expected to produce the following glare for this receptor:

- 447 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





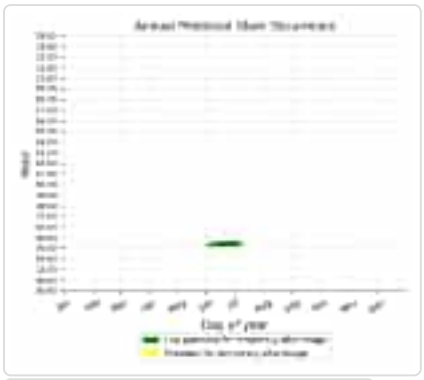


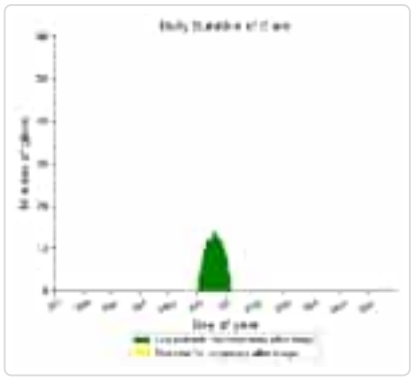


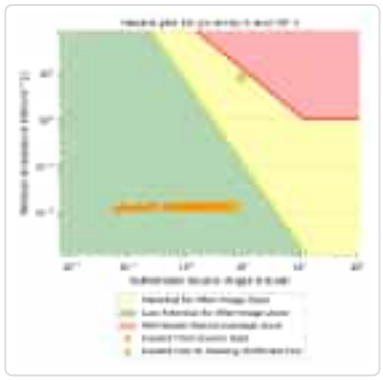
PV array 5: OP 4

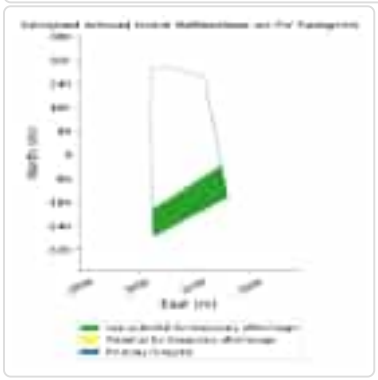
PV array is expected to produce the following glare for this receptor:

- 349 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





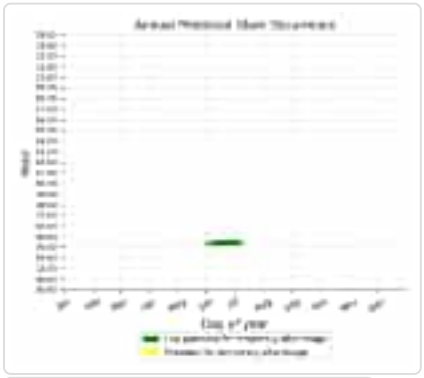


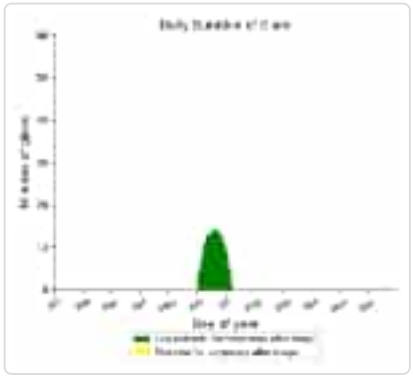


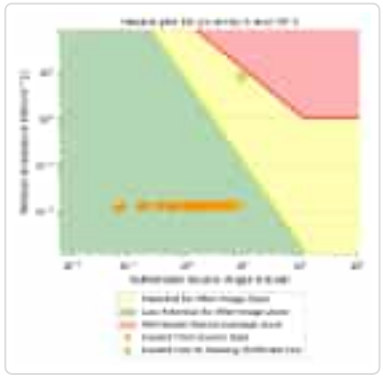
PV array 5: OP 5

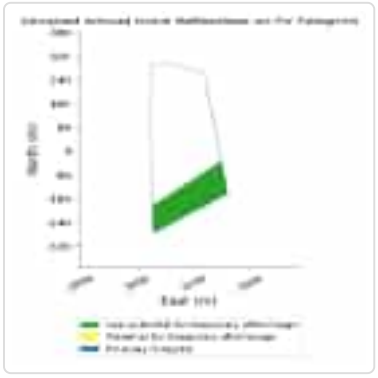
PV array is expected to produce the following glare for this receptor:

- 387 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





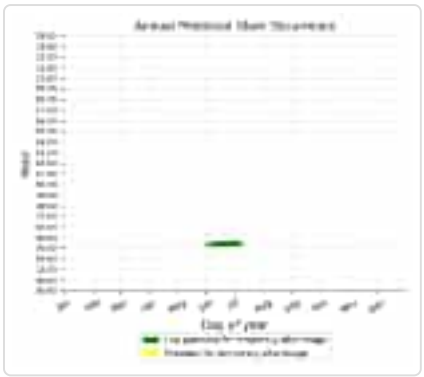


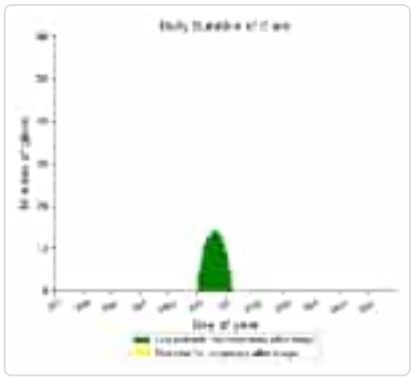


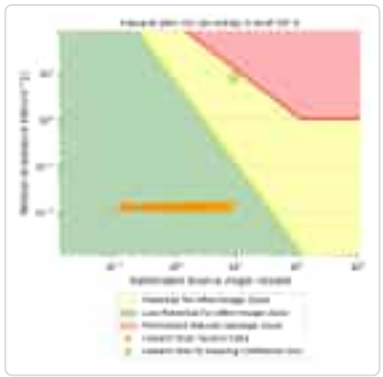
PV array 5: OP 6

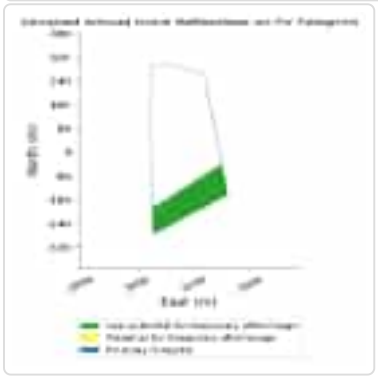
PV array is expected to produce the following glare for this receptor:

- 385 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





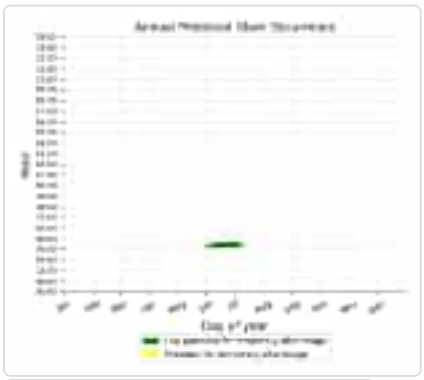


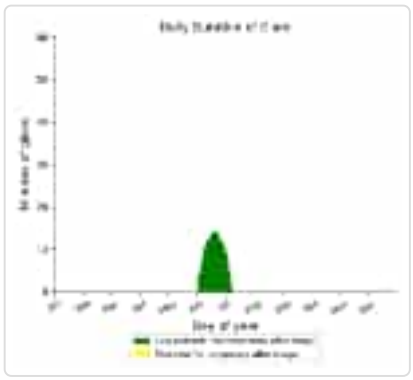


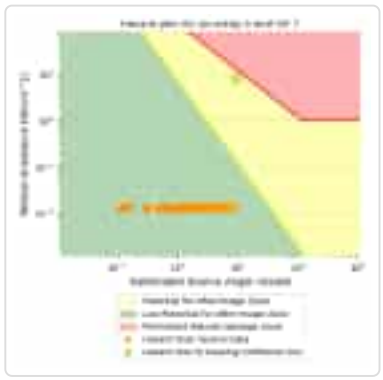
PV array 5: OP 7

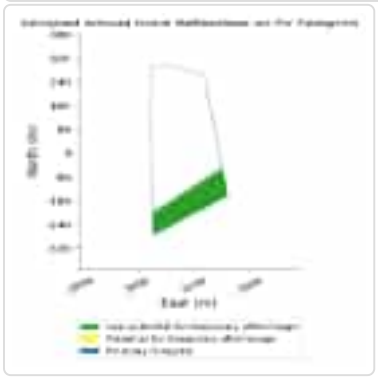
PV array is expected to produce the following glare for this receptor:

- 374 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





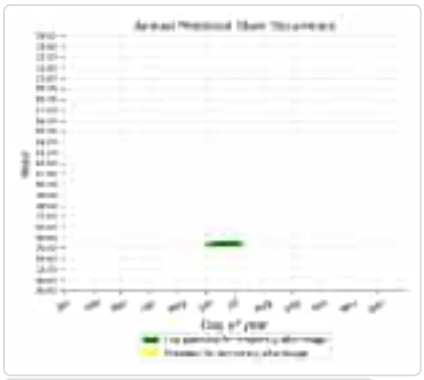


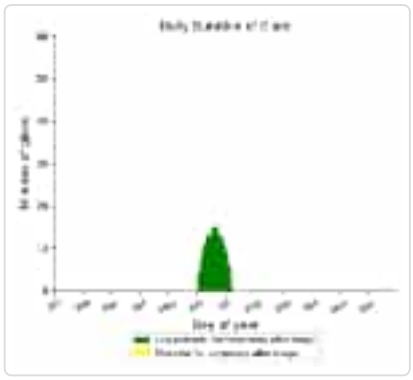


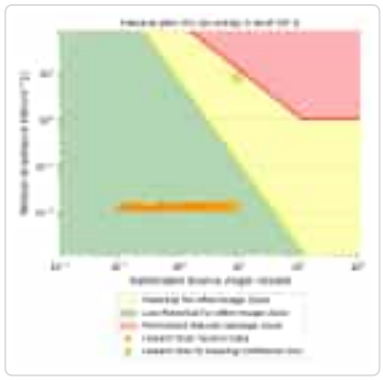
PV array 5: OP 8

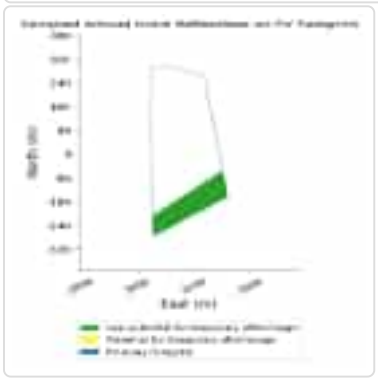
PV array is expected to produce the following glare for this receptor:

- 397 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





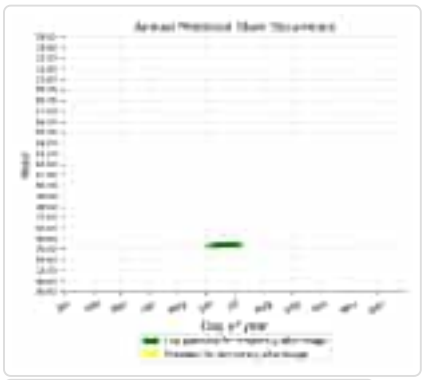


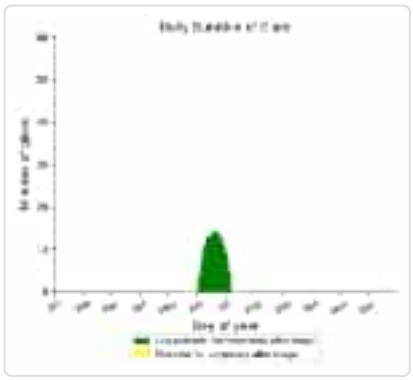


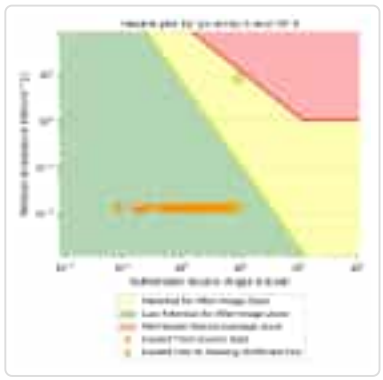
PV array 5: OP 9

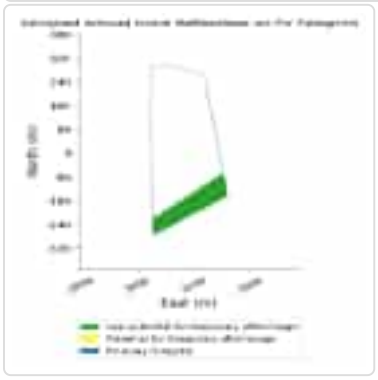
PV array is expected to produce the following glare for this receptor:

- 378 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





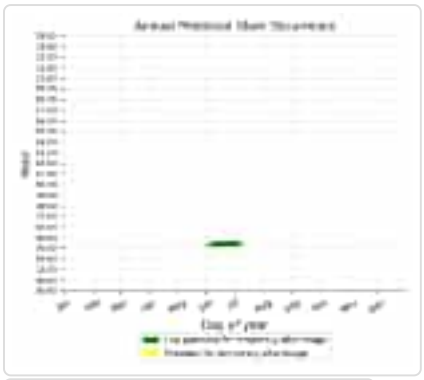


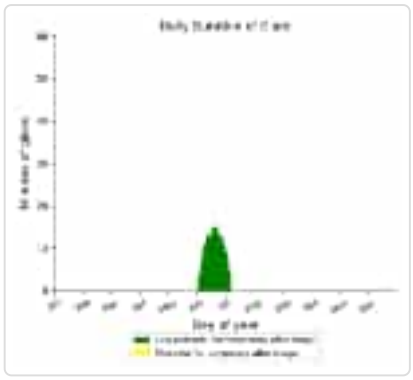


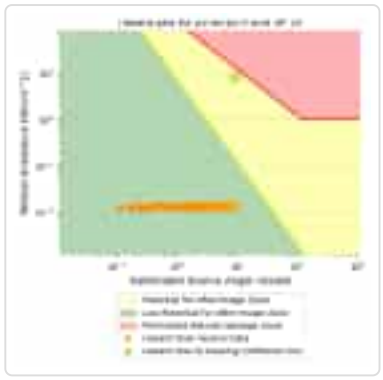
PV array 5: OP 10

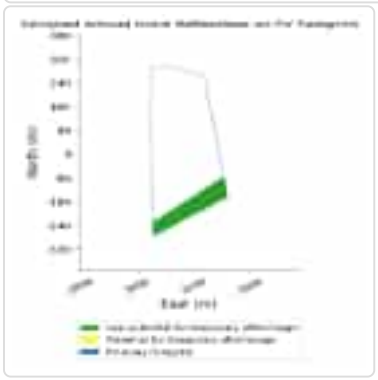
PV array is expected to produce the following glare for this receptor:

- 381 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





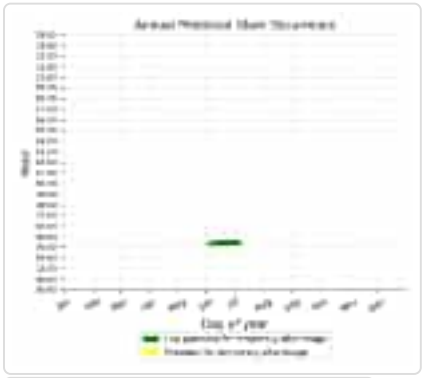


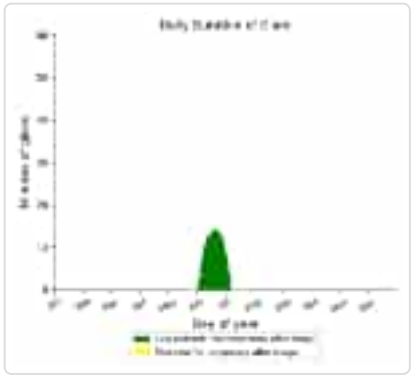


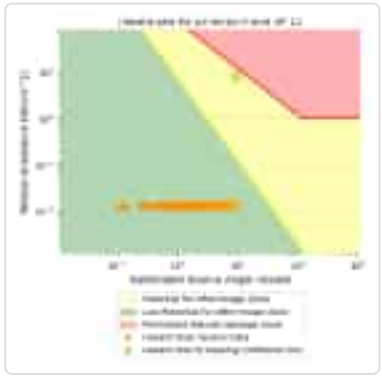
PV array 5: OP 11

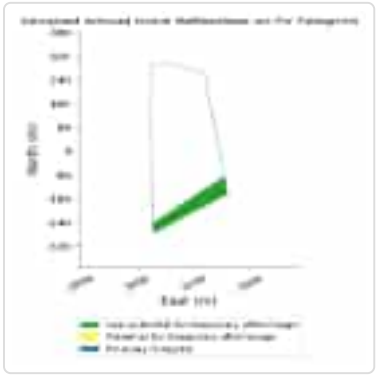
PV array is expected to produce the following glare for this receptor:

- 364 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





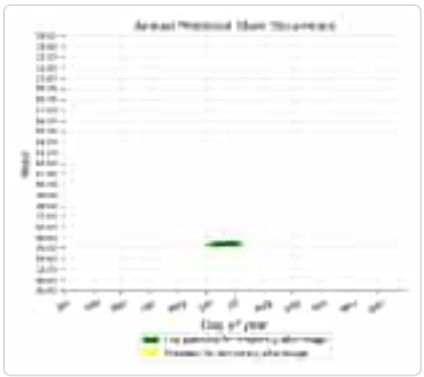


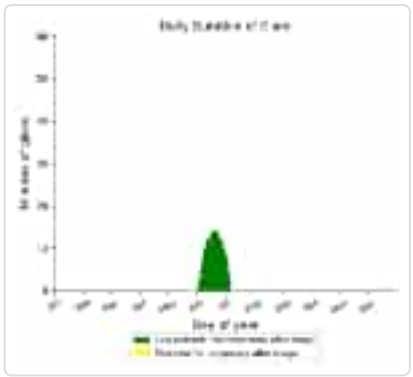


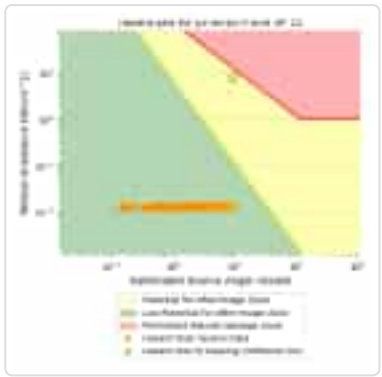
PV array 5: OP 12

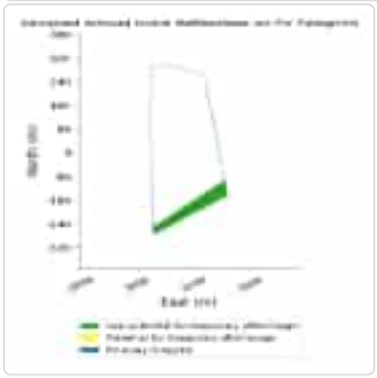
PV array is expected to produce the following glare for this receptor:

- 354 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





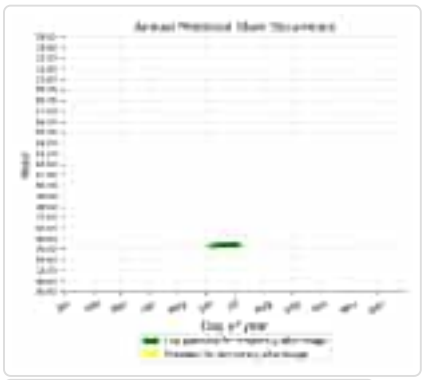


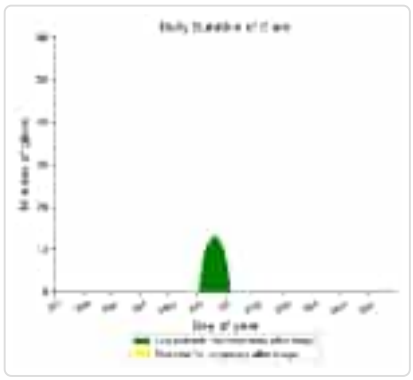


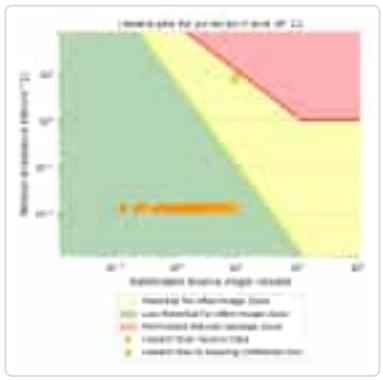
PV array 5: OP 13

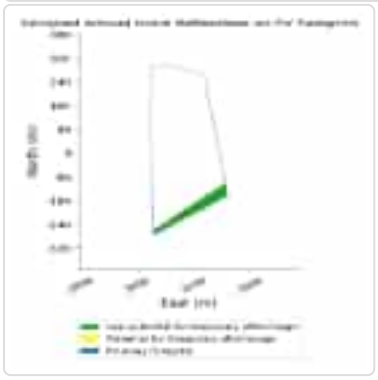
PV array is expected to produce the following glare for this receptor:

- 324 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





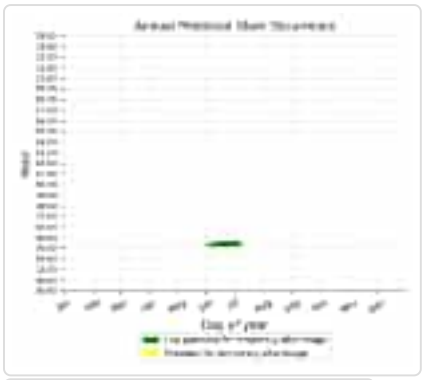


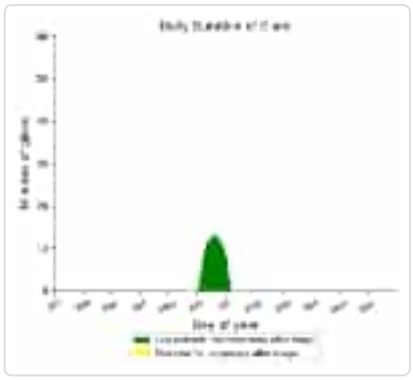


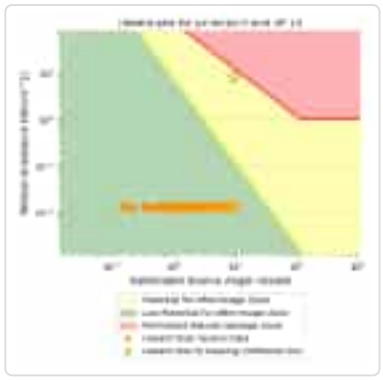
PV array 5: OP 14

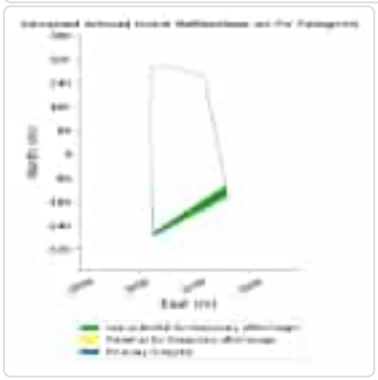
PV array is expected to produce the following glare for this receptor:

- 329 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





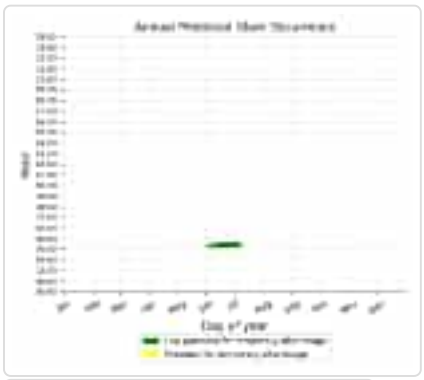


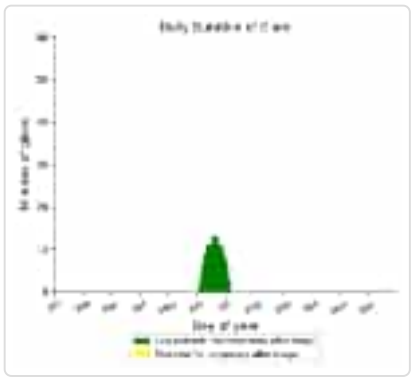


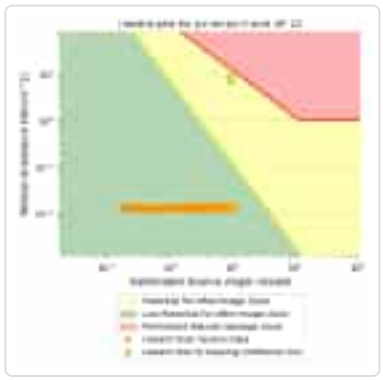
PV array 5: OP 15

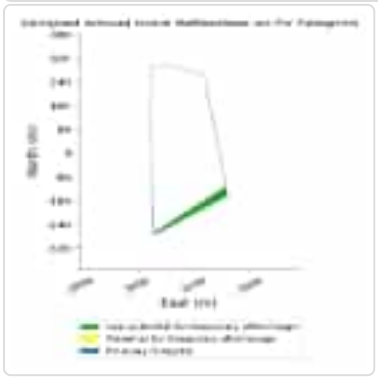
PV array is expected to produce the following glare for this receptor:

- 315 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





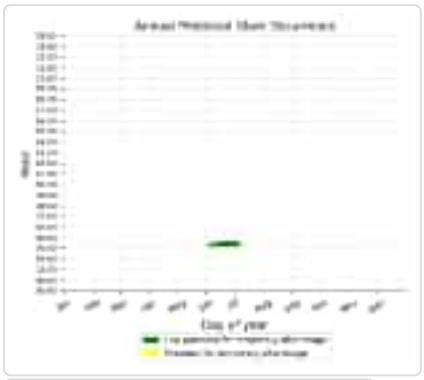


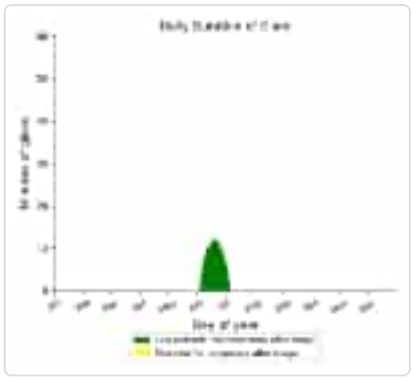


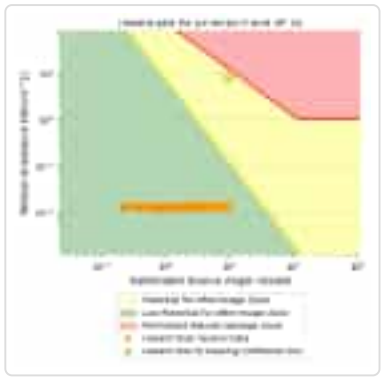
PV array 5: OP 16

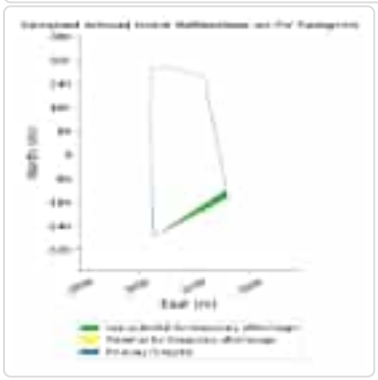
PV array is expected to produce the following glare for this receptor:

- 284 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





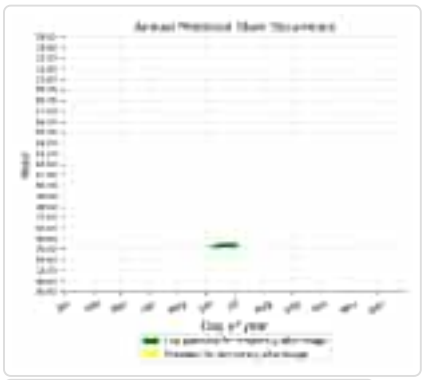


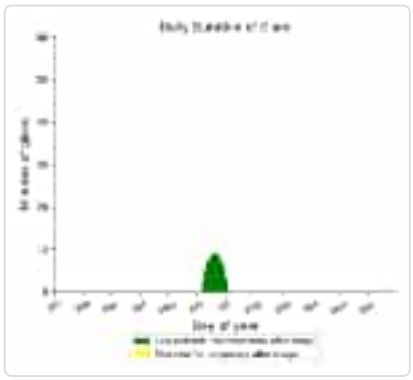


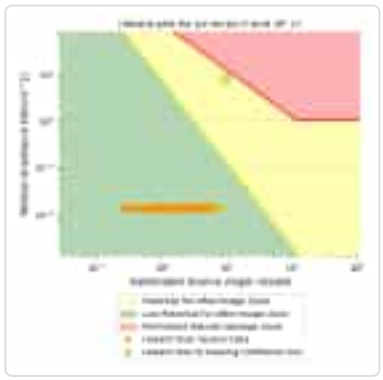
PV array 5: OP 17

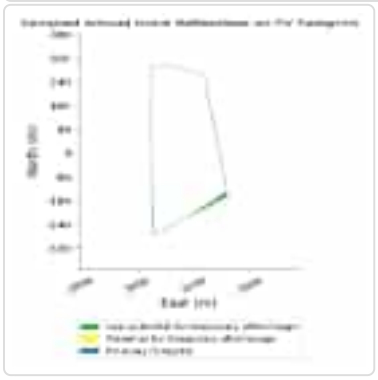
PV array is expected to produce the following glare for this receptor:

- 187 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 18

No glare found

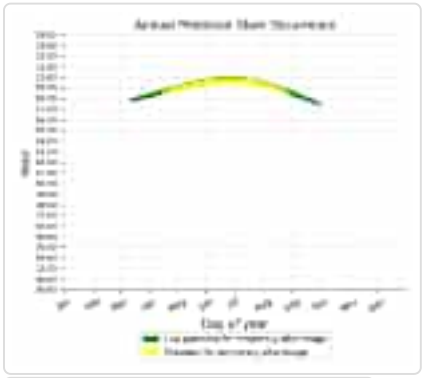
PV array 5: OP 19

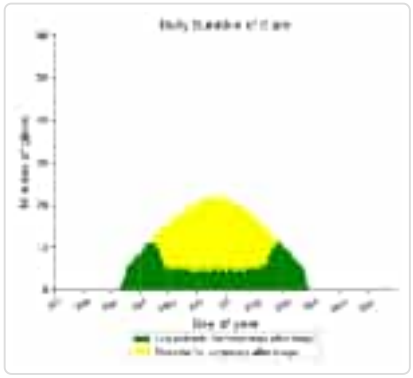
No glare found

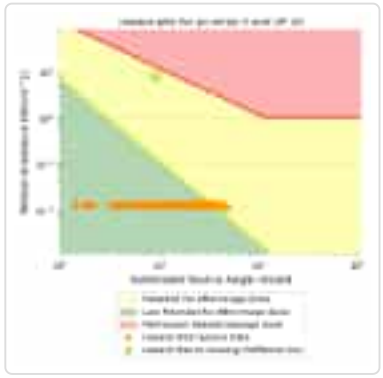
PV array 5: OP 20

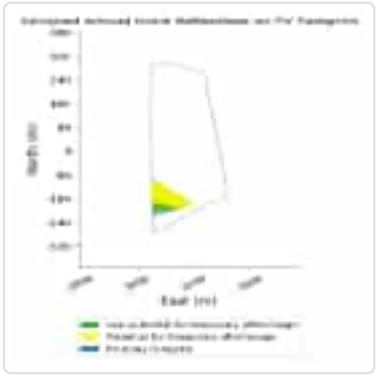
PV array is expected to produce the following glare for this receptor:

- 1,245 minutes of "green" glare with low potential to cause temporary after-image.
- 1,663 minutes of "yellow" glare with potential to cause temporary after-image.





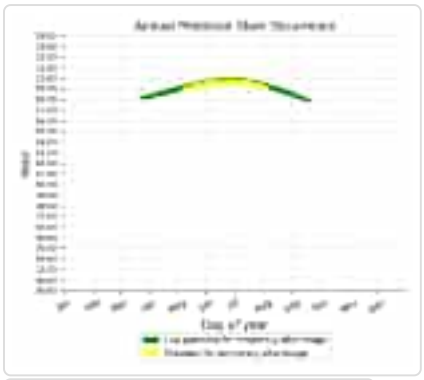


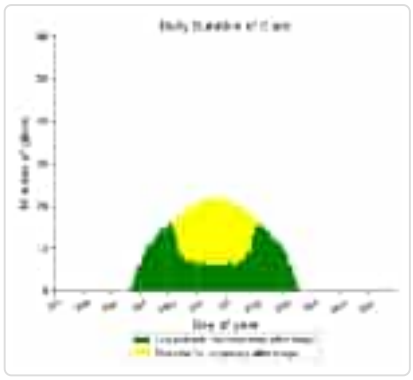


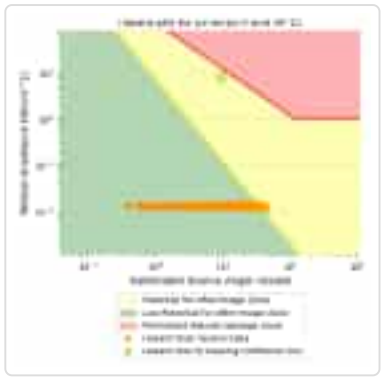
PV array 5: OP 21

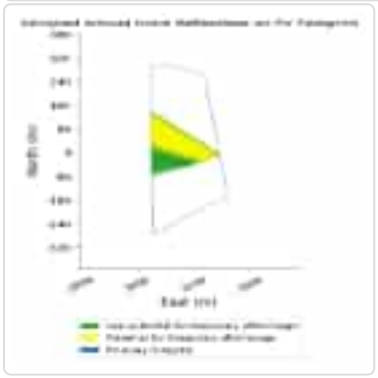
PV array is expected to produce the following glare for this receptor:

- 1,617 minutes of "green" glare with low potential to cause temporary after-image.
- 1,105 minutes of "yellow" glare with potential to cause temporary after-image.





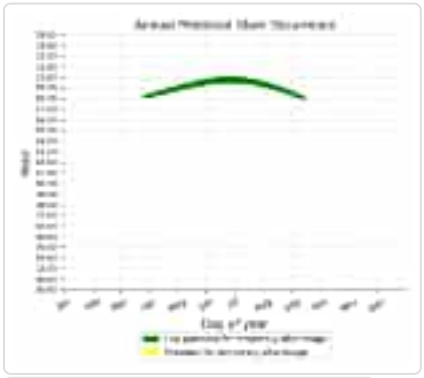
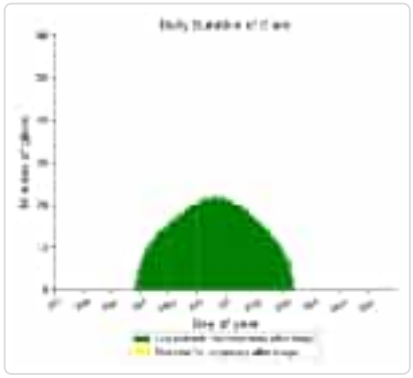
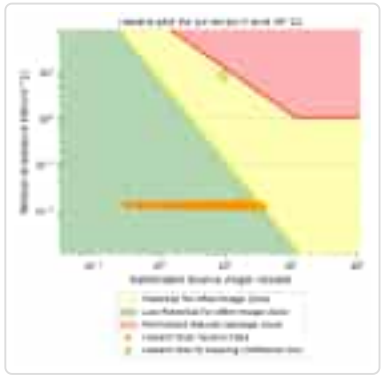
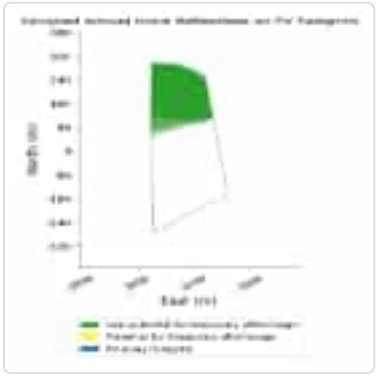




PV array 5: OP 22

PV array is expected to produce the following glare for this receptor:

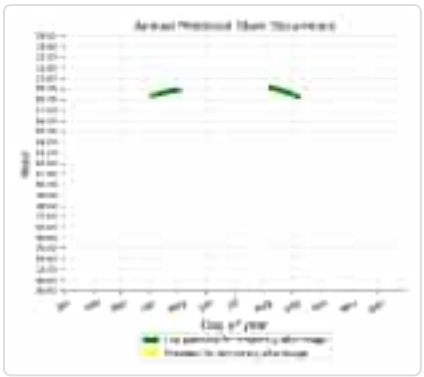
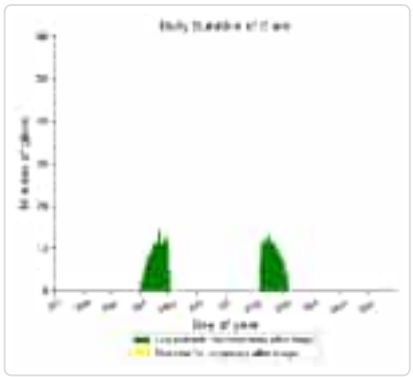
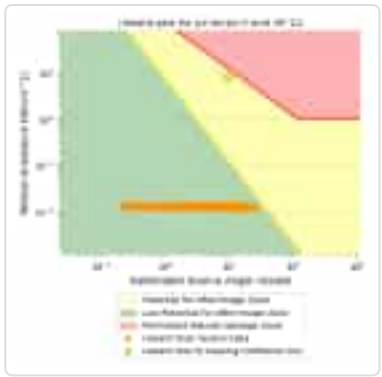
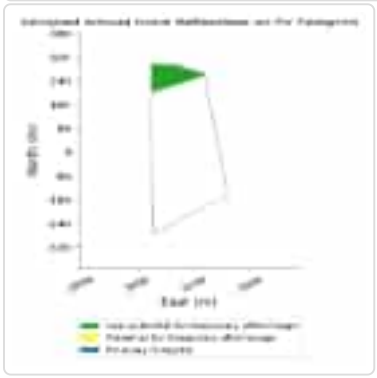
- 2,671 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 5: OP 23

PV array is expected to produce the following glare for this receptor:

- 588 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 5: OP 24

No glare found

PV array 5: OP 25

No glare found

PV array 5: OP 26

No glare found

PV array 5: OP 27

No glare found

PV array 5: OP 28

No glare found

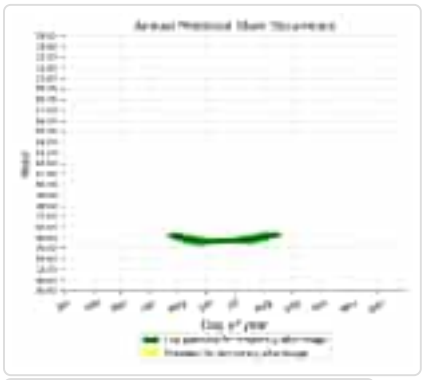
PV array 5: OP 29

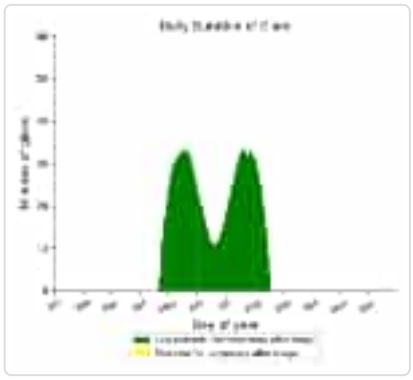
No glare found

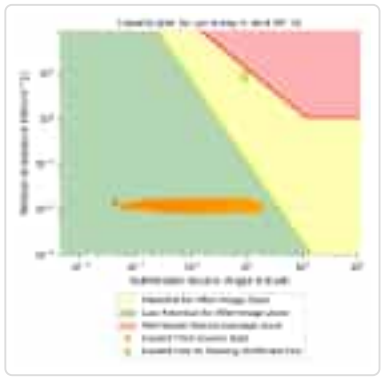
PV array 5: OP 30

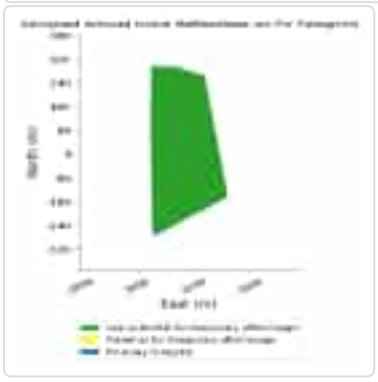
PV array is expected to produce the following glare for this receptor:

- 2,798 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





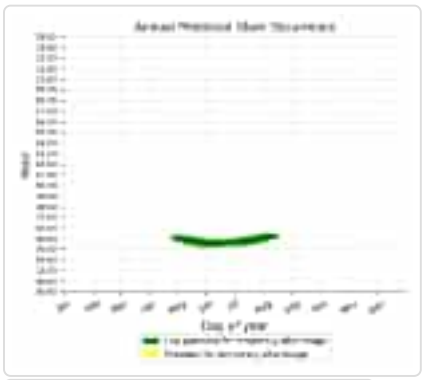


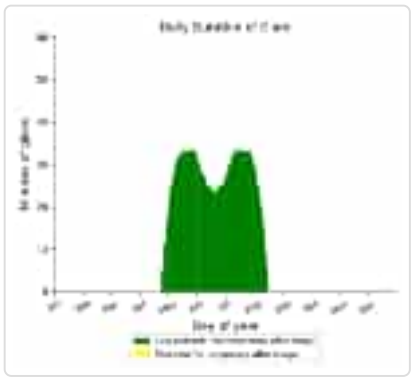


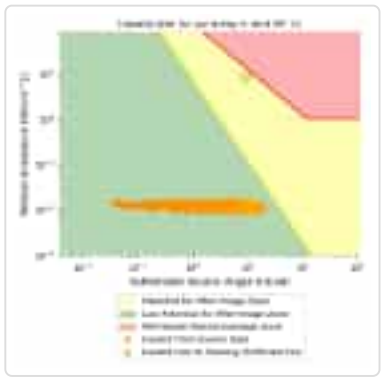
PV array 5: OP 31

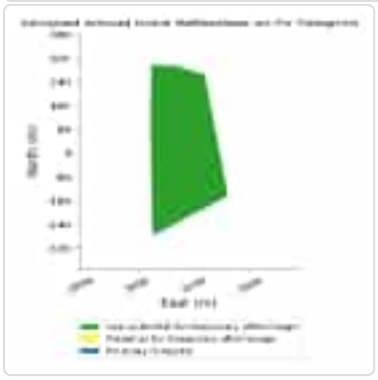
PV array is expected to produce the following glare for this receptor:

- 3,098 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





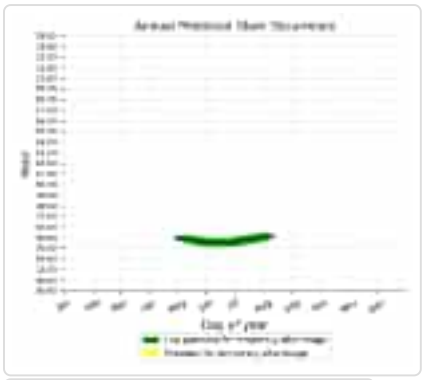


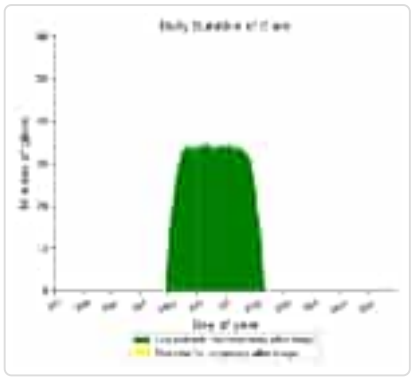


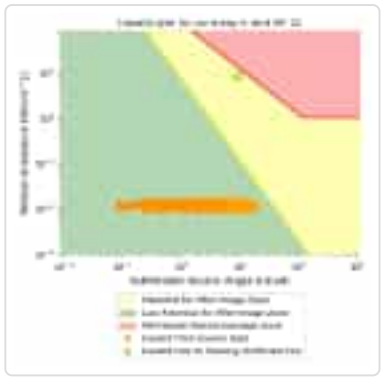
PV array 5: OP 32

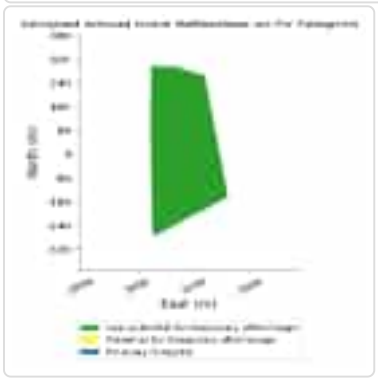
PV array is expected to produce the following glare for this receptor:

- 3,127 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





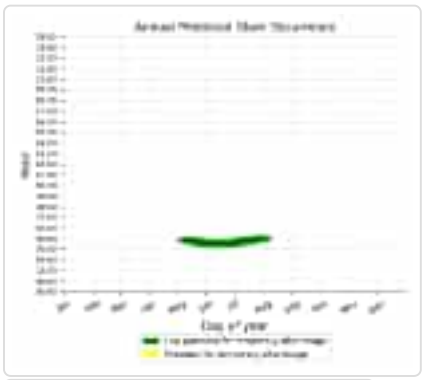


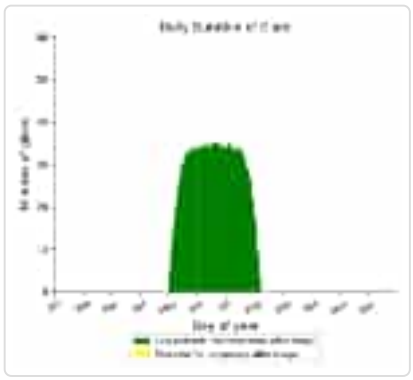


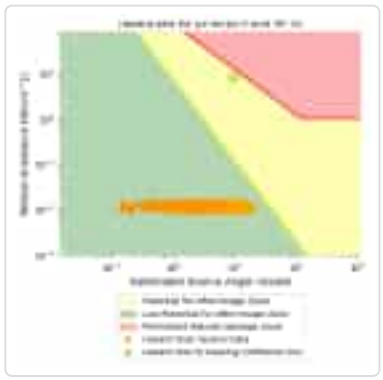
PV array 5: OP 33

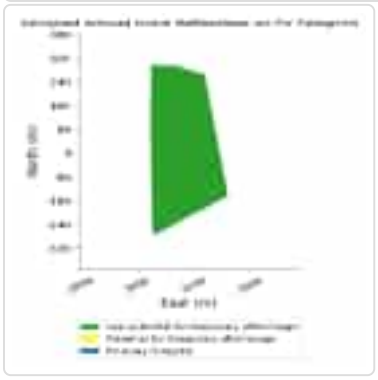
PV array is expected to produce the following glare for this receptor:

- 2,885 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





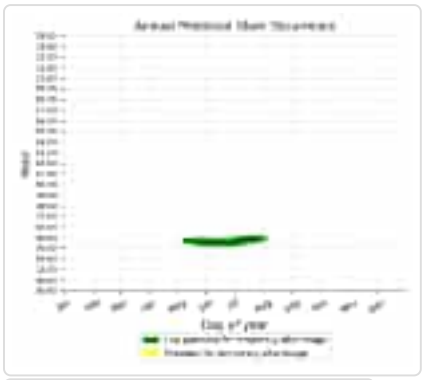


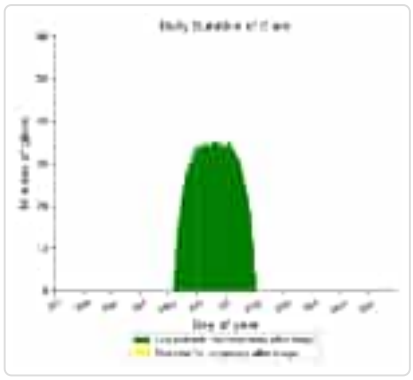


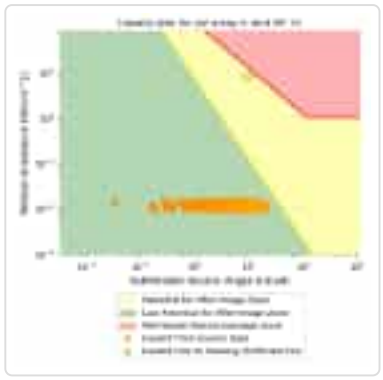
PV array 5: OP 34

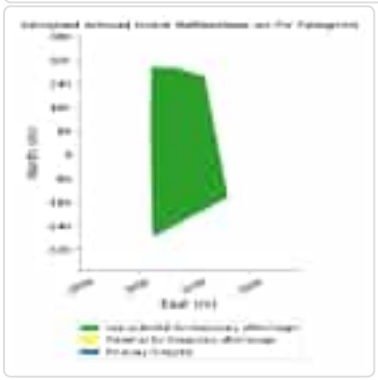
PV array is expected to produce the following glare for this receptor:

- 2,508 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





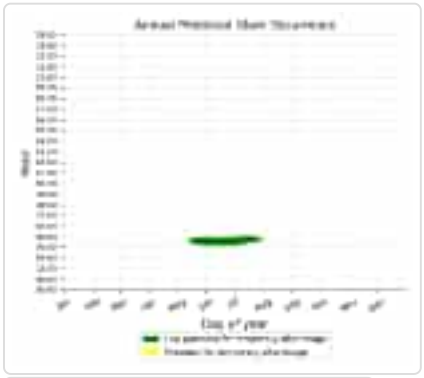
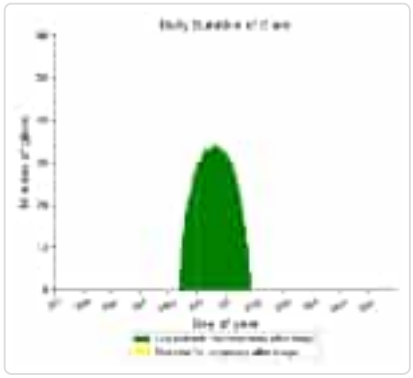
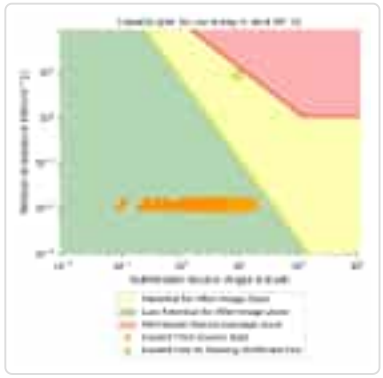
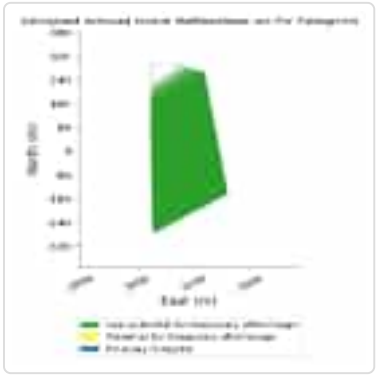




PV array 5: OP 35

PV array is expected to produce the following glare for this receptor:

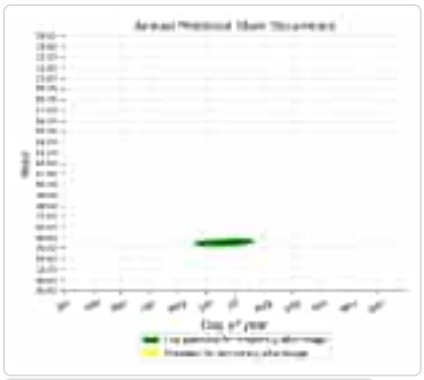
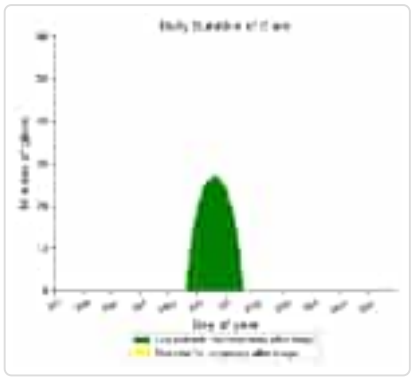
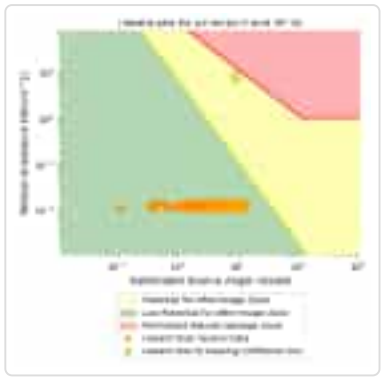
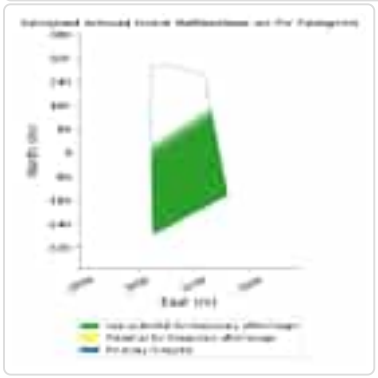
- 1,976 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 5: OP 36

PV array is expected to produce the following glare for this receptor:

- 1,203 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

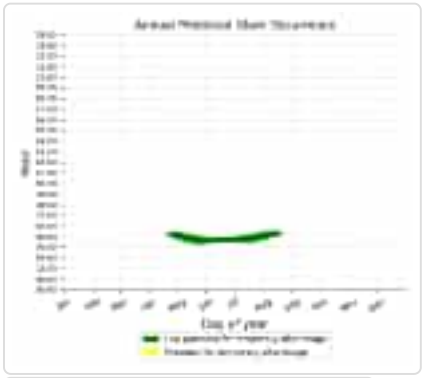
PV array 5: OP 37

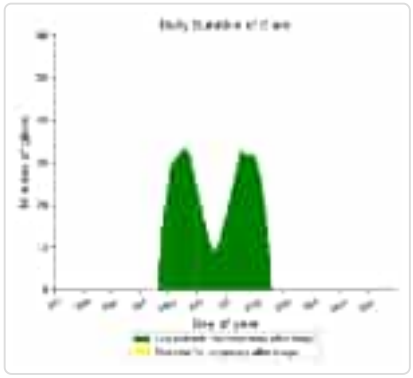
No glare found

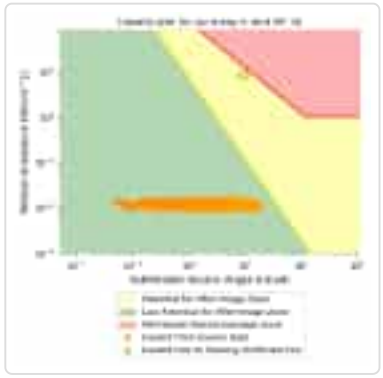
PV array 5: OP 38

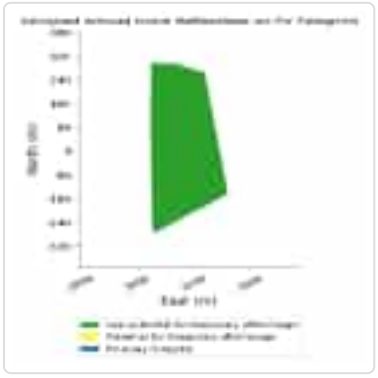
PV array is expected to produce the following glare for this receptor:

- 2,810 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





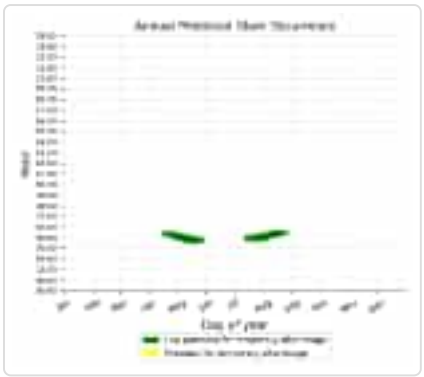


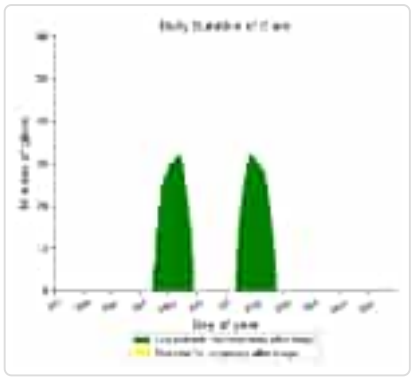


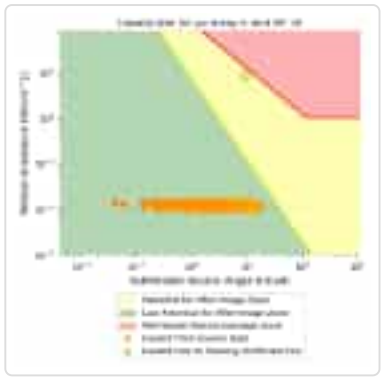
PV array 5: OP 39

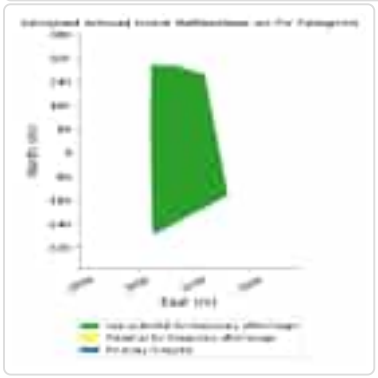
PV array is expected to produce the following glare for this receptor:

- 2,080 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





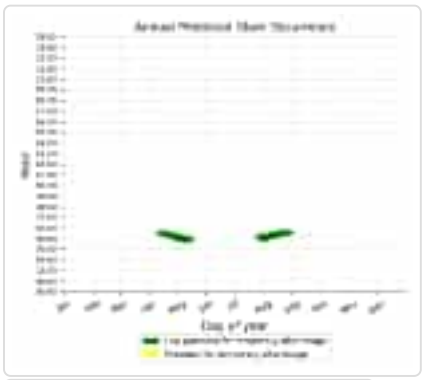


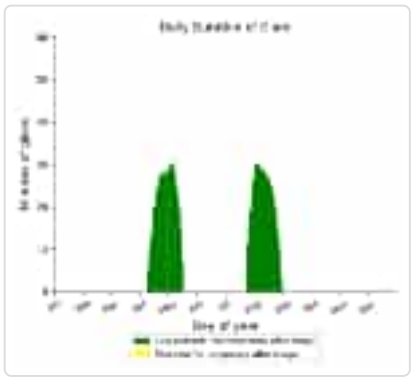


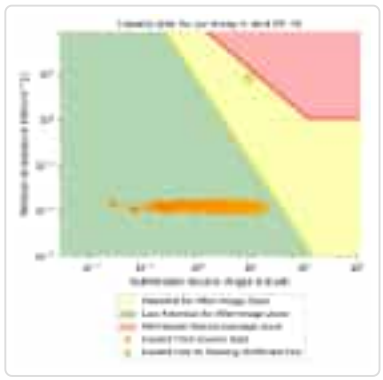
PV array 5: OP 40

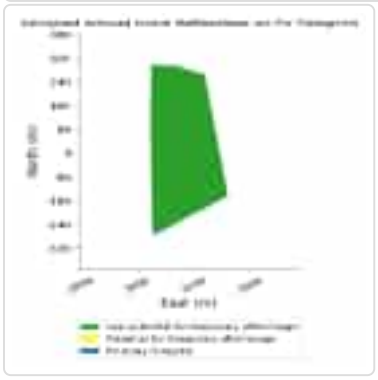
PV array is expected to produce the following glare for this receptor:

- 1,739 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





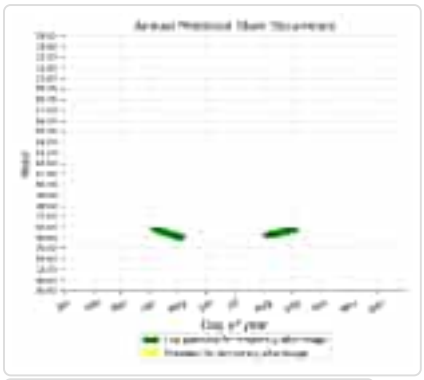


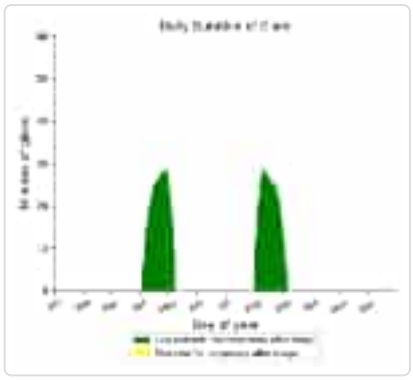


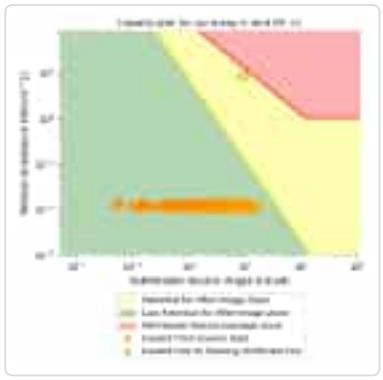
PV array 5: OP 41

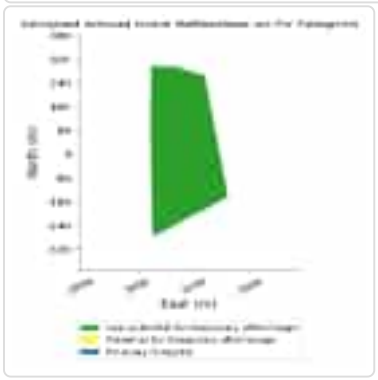
PV array is expected to produce the following glare for this receptor:

- 1,510 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





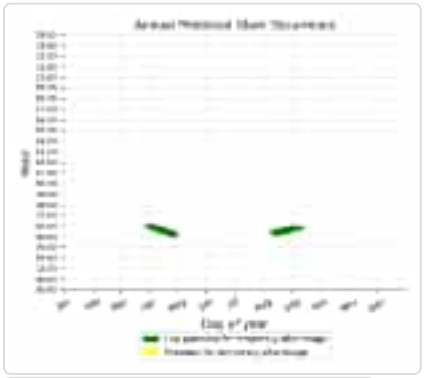


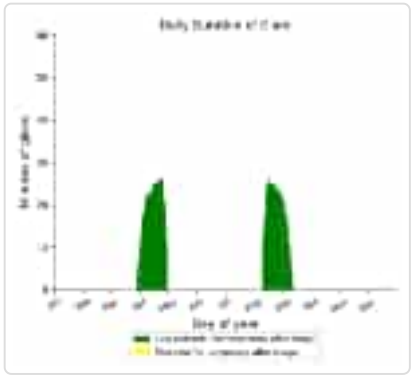


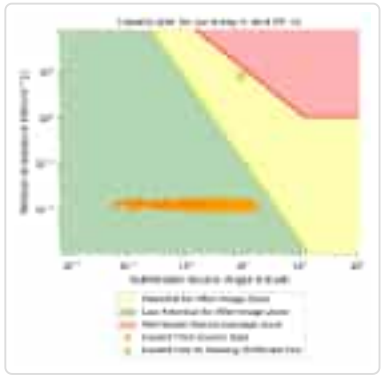
PV array 5: OP 42

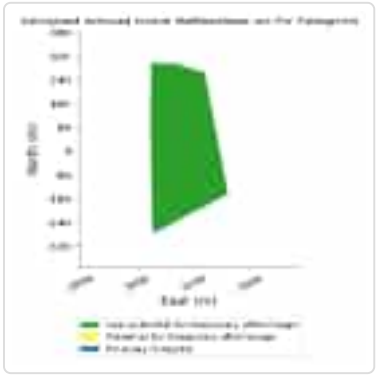
PV array is expected to produce the following glare for this receptor:

- 1,315 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





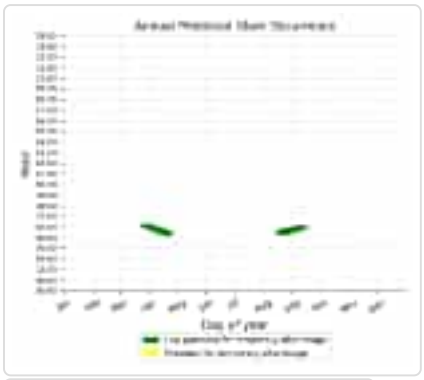


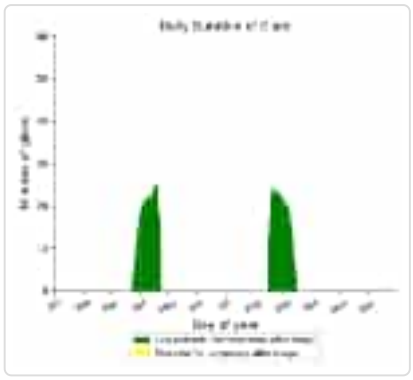


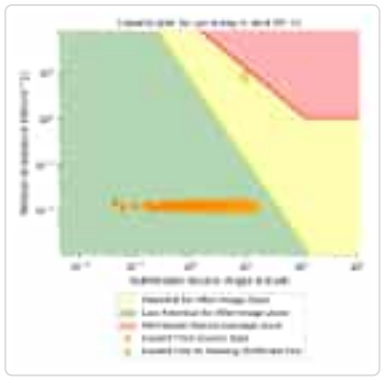
PV array 5: OP 43

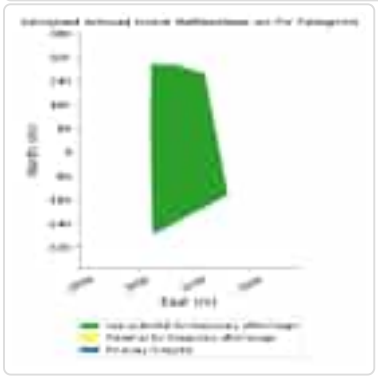
PV array is expected to produce the following glare for this receptor:

- 1,161 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





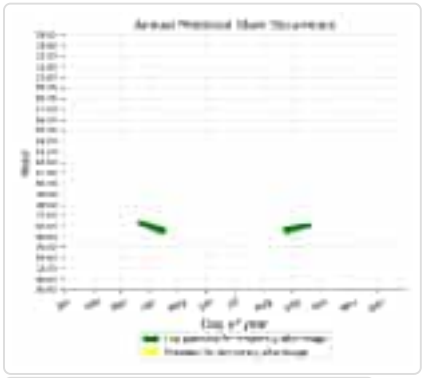


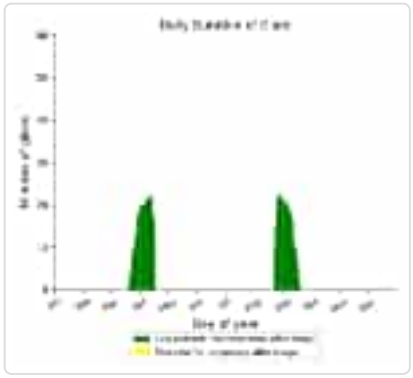


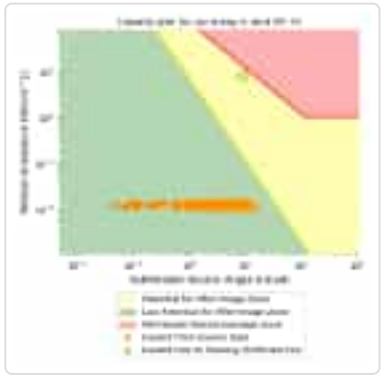
PV array 5: OP 44

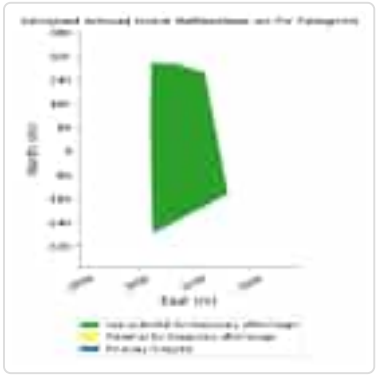
PV array is expected to produce the following glare for this receptor:

- 929 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





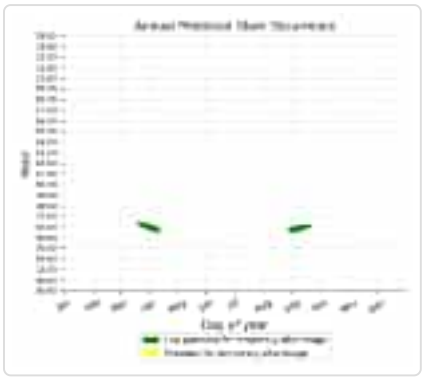


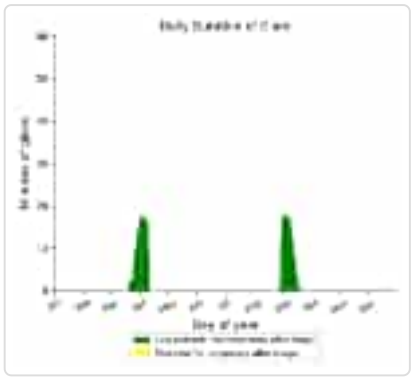


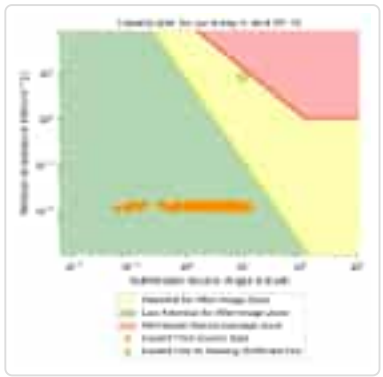
PV array 5: OP 45

PV array is expected to produce the following glare for this receptor:

- 527 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



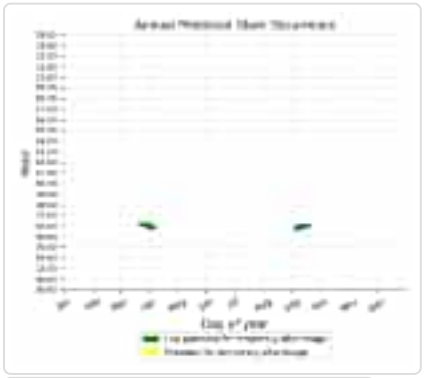


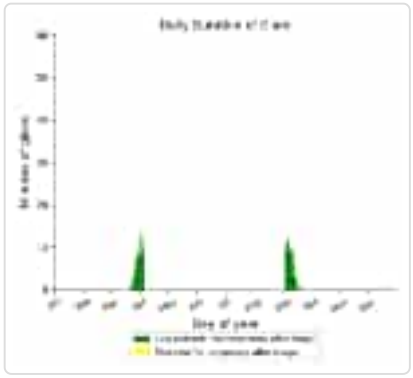


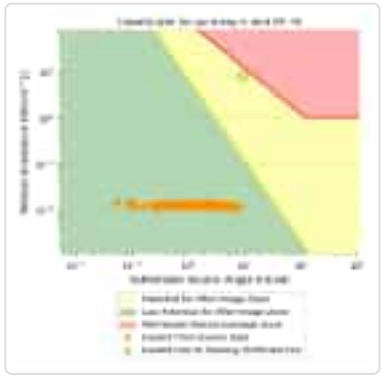
PV array 5: OP 46

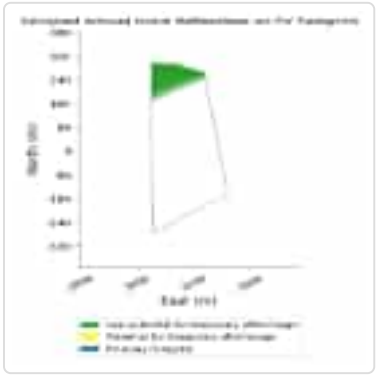
PV array is expected to produce the following glare for this receptor:

- 208 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





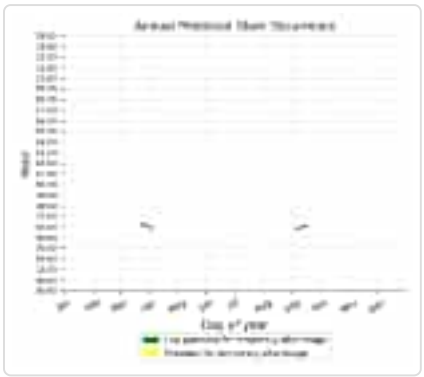


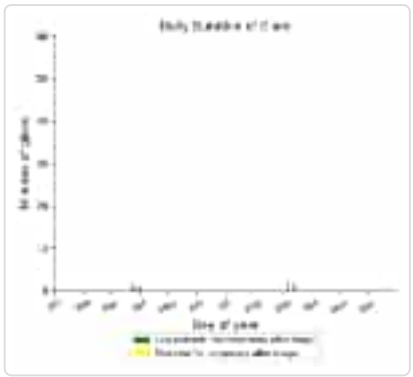


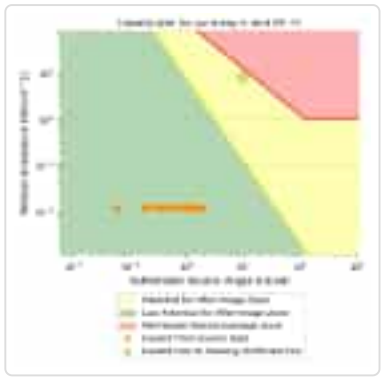
PV array 5: OP 47

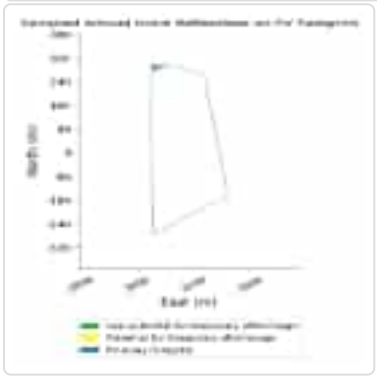
PV array is expected to produce the following glare for this receptor:

- 15 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 48

No glare found

PV array 5: OP 49

No glare found

PV array 5: OP 50

No glare found

PV array 5: OP 51

No glare found

PV array 5: OP 52

No glare found

PV array 5: OP 53

No glare found

PV array 5: OP 54

No glare found

PV array 5: OP 55

No glare found

PV array 5: OP 56

No glare found

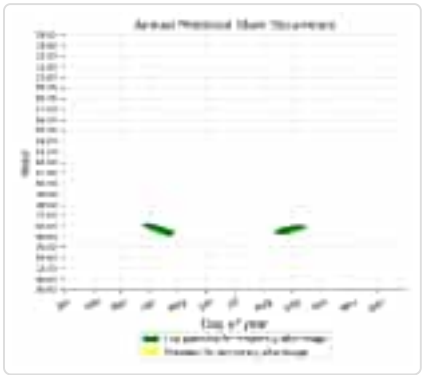
PV array 5: OP 57

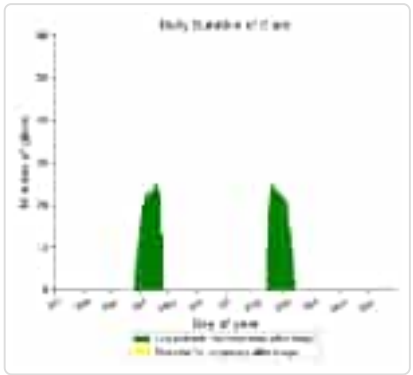
No glare found

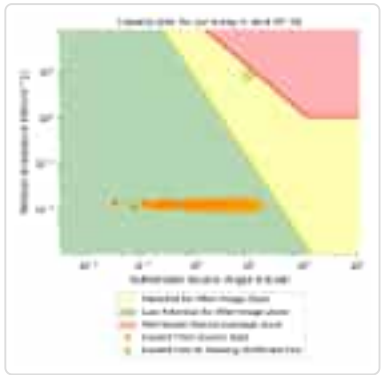
PV array 5: OP 58

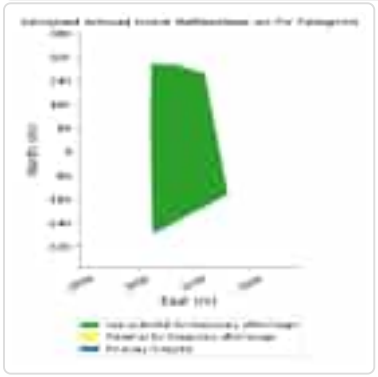
PV array is expected to produce the following glare for this receptor:

- 1,169 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





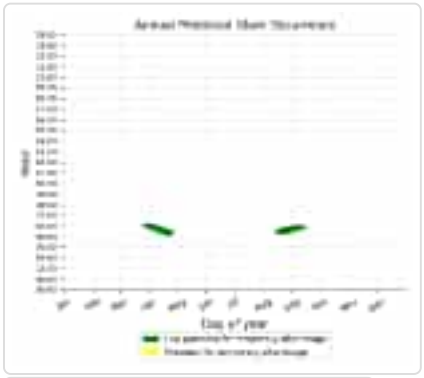


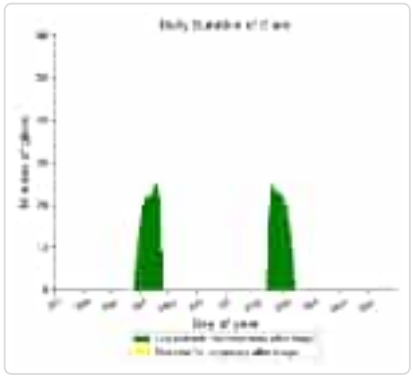


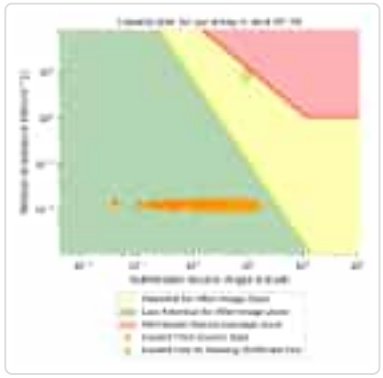
PV array 5: OP 59

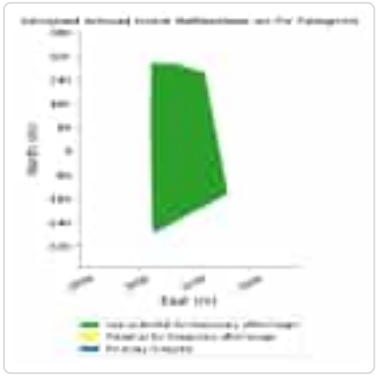
PV array is expected to produce the following glare for this receptor:

- 1,133 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 60

No glare found

PV array 5: OP 61

No glare found

PV array 5: OP 62

No glare found

PV array 5: OP 63

No glare found

PV array 5: OP 64

No glare found

PV array 5: OP 65

No glare found

PV array 5: OP 66

No glare found

PV array 5: OP 67

No glare found

PV array 5: OP 68

No glare found

PV array 5: OP 69

No glare found

PV array 5: OP 70

No glare found

PV array 5: OP 71

No glare found

PV array 5: OP 72

No glare found

PV array 5: OP 73

No glare found

PV array 5: OP 74

No glare found

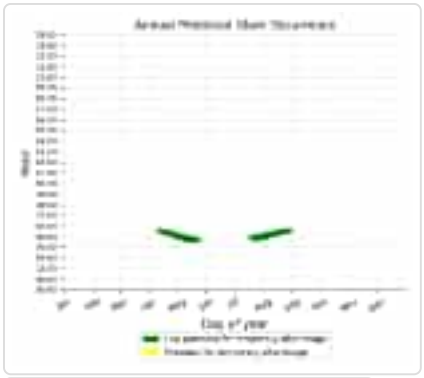
PV array 5: OP 75

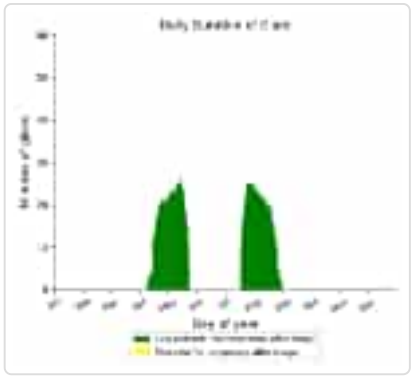
No glare found

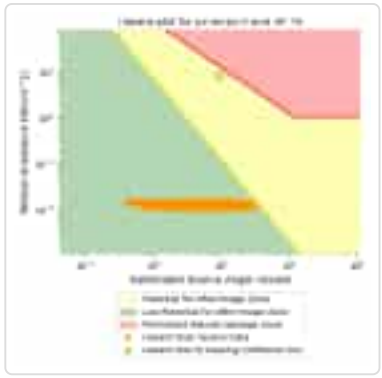
PV array 5: OP 76

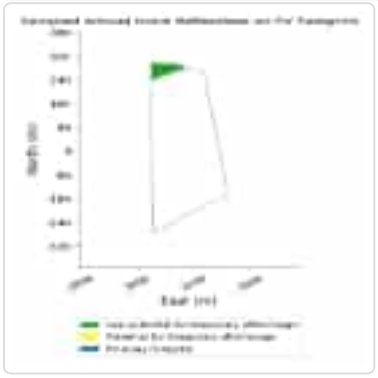
PV array is expected to produce the following glare for this receptor:

- 1,660 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 77

No glare found

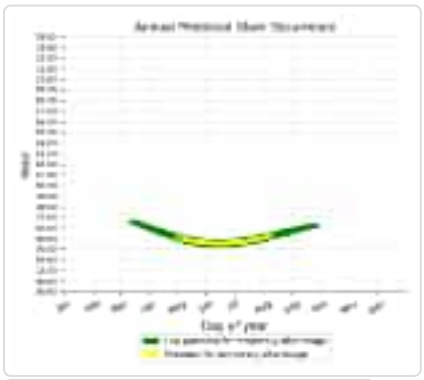
PV array 5: OP 78

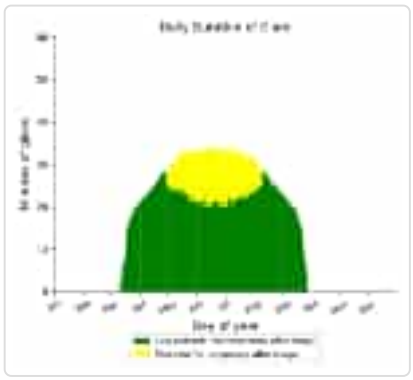
No glare found

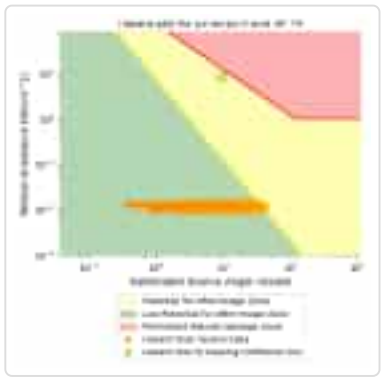
PV array 5: OP 79

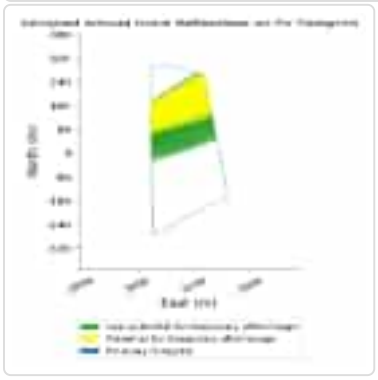
PV array is expected to produce the following glare for this receptor:

- 4,302 minutes of "green" glare with low potential to cause temporary after-image.
- 1,043 minutes of "yellow" glare with potential to cause temporary after-image.





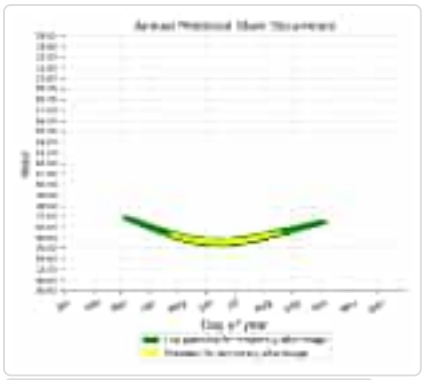


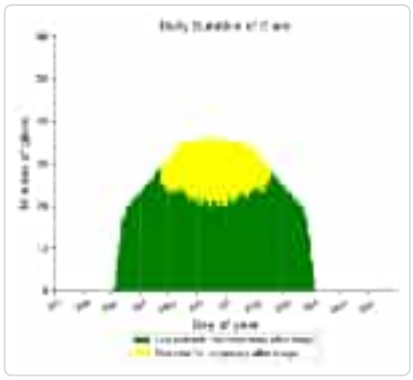


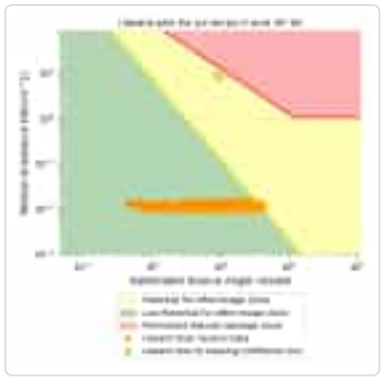
PV array 5: OP 80

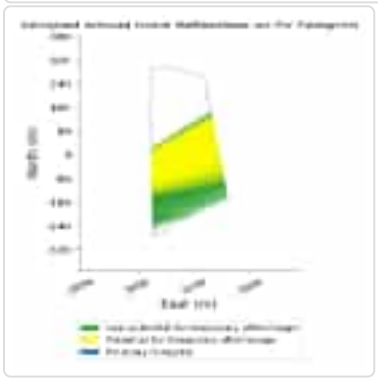
PV array is expected to produce the following glare for this receptor:

- 4,660 minutes of "green" glare with low potential to cause temporary after-image.
- 1,361 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)

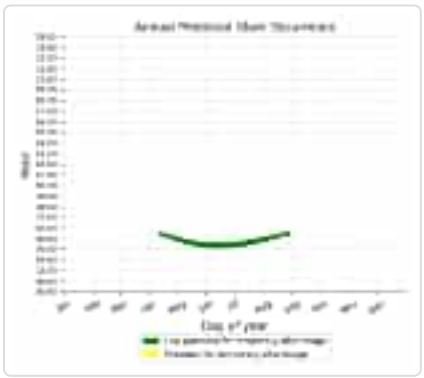
OP: OP 1	1603	0
OP: OP 2	1712	0
OP: OP 3	1706	0
OP: OP 4	1727	0
OP: OP 5	1712	0
OP: OP 6	1734	0
OP: OP 7	1694	0
OP: OP 8	1654	0
OP: OP 9	1275	0
OP: OP 10	0	0
OP: OP 11	2392	111
OP: OP 12	1925	245
OP: OP 13	2041	862
OP: OP 14	1042	123
OP: OP 15	1003	79
OP: OP 16	39	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	212	0
OP: OP 31	227	0
OP: OP 32	359	0
OP: OP 33	488	0
OP: OP 34	673	0
OP: OP 35	964	0
OP: OP 36	1339	0
OP: OP 37	1722	0
OP: OP 38	221	0
OP: OP 39	92	0
OP: OP 40	19	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0

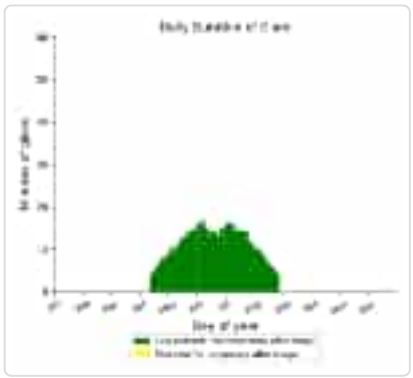
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

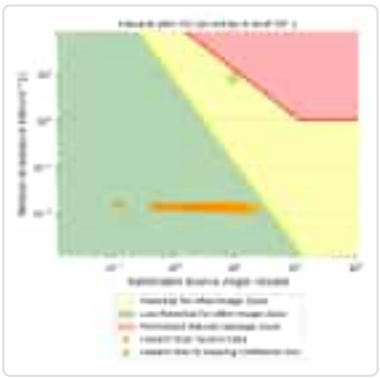
PV array 6: OP 1

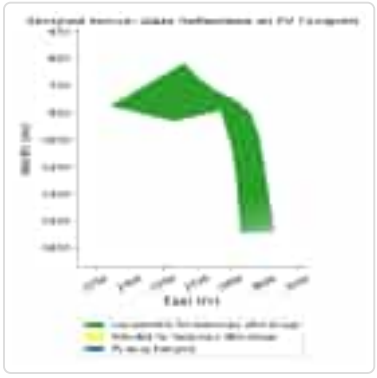
PV array is expected to produce the following glare for this receptor:

- 1,603 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





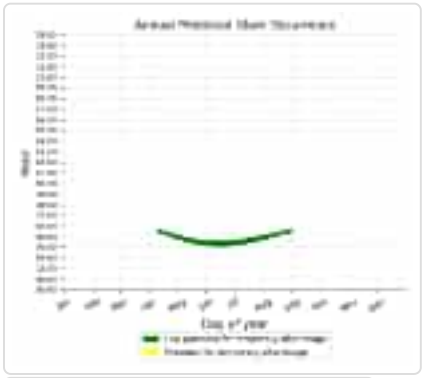


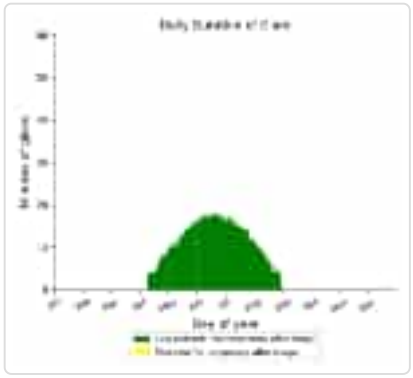


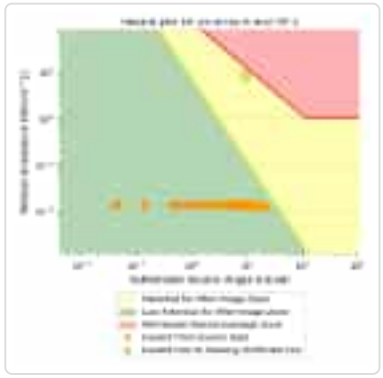
PV array 6: OP 2

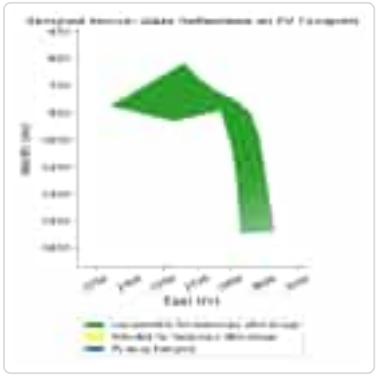
PV array is expected to produce the following glare for this receptor:

- 1,712 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





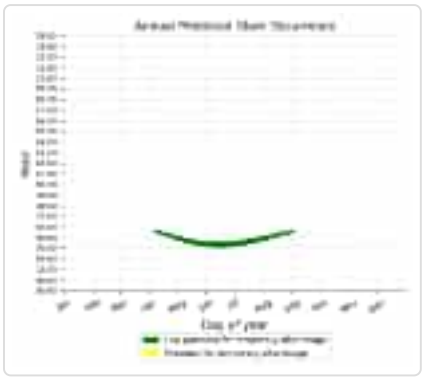


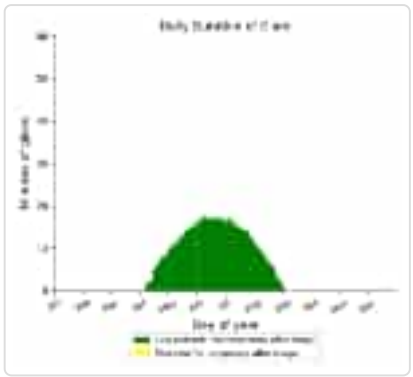


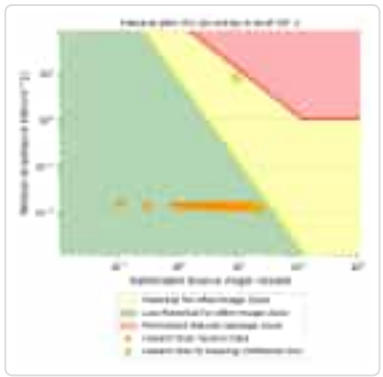
PV array 6: OP 3

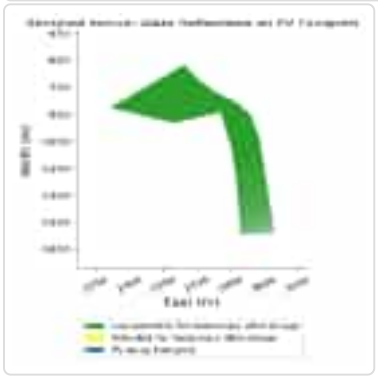
PV array is expected to produce the following glare for this receptor:

- 1,706 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





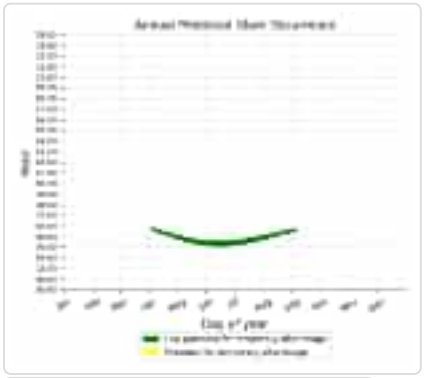


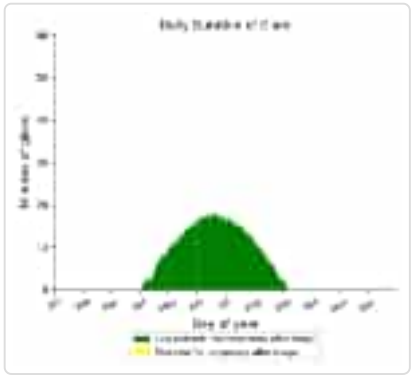


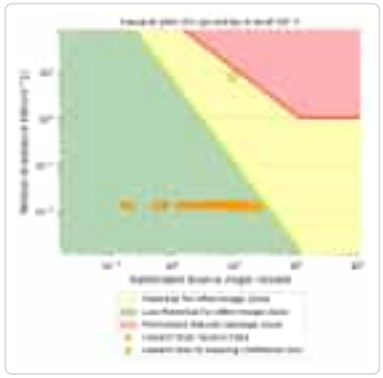
PV array 6: OP 4

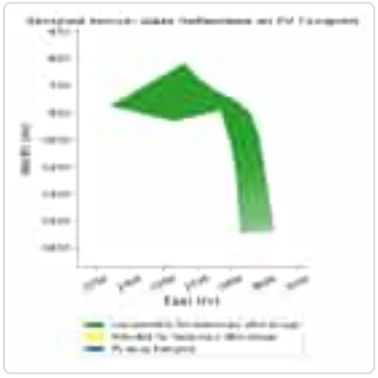
PV array is expected to produce the following glare for this receptor:

- 1,727 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





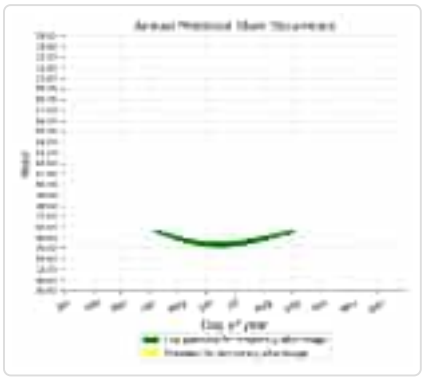


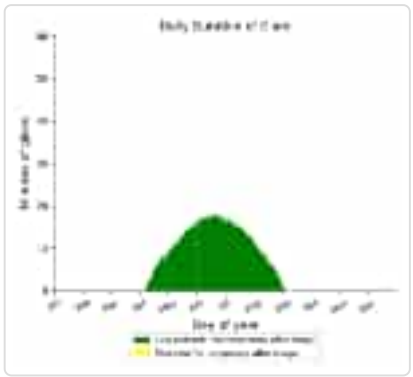


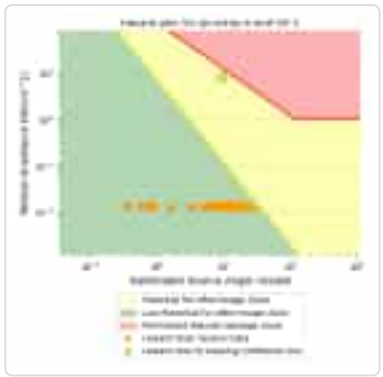
PV array 6: OP 5

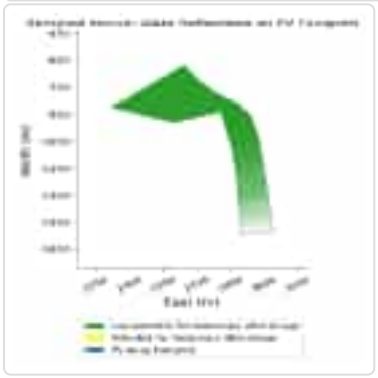
PV array is expected to produce the following glare for this receptor:

- 1,712 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





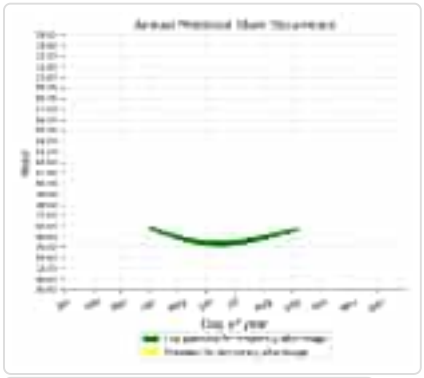


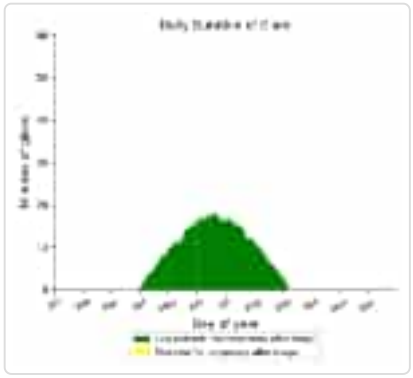


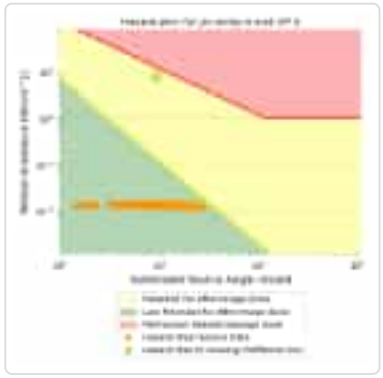
PV array 6: OP 6

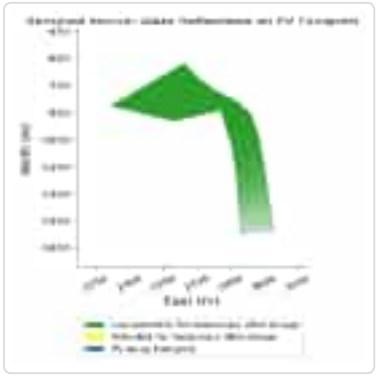
PV array is expected to produce the following glare for this receptor:

- 1,734 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





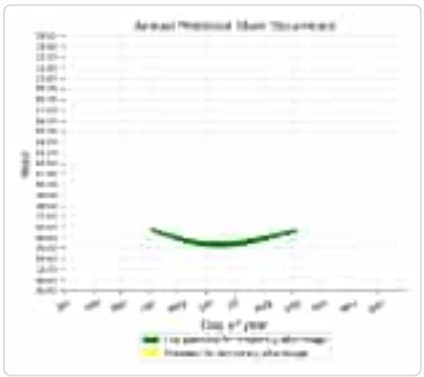


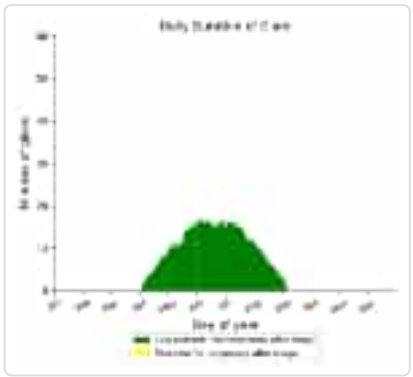


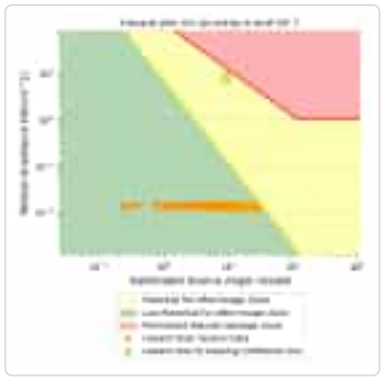
PV array 6: OP 7

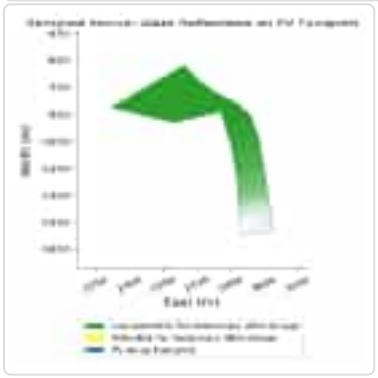
PV array is expected to produce the following glare for this receptor:

- 1,694 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





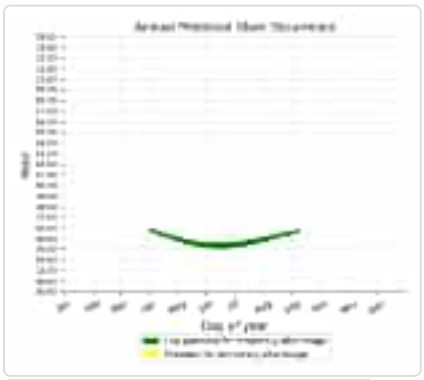


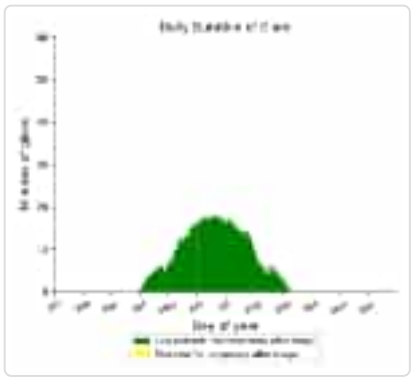


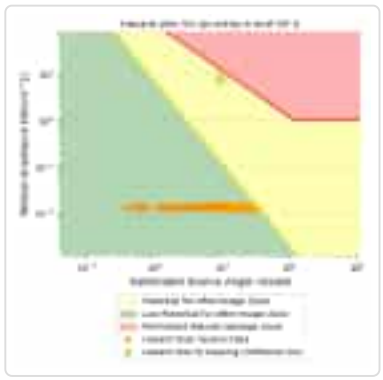
PV array 6: OP 8

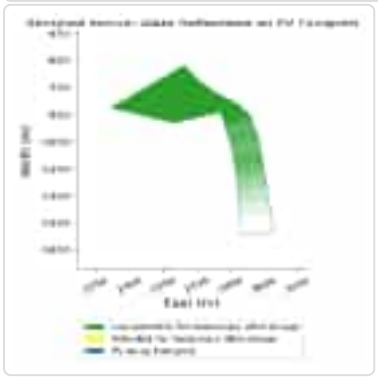
PV array is expected to produce the following glare for this receptor:

- 1,654 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





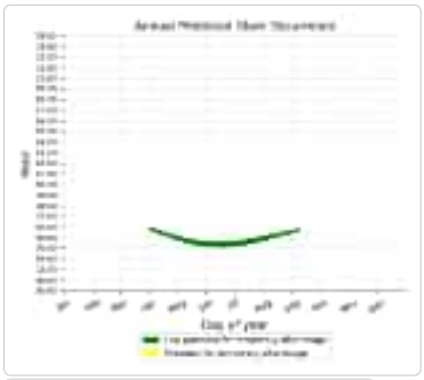


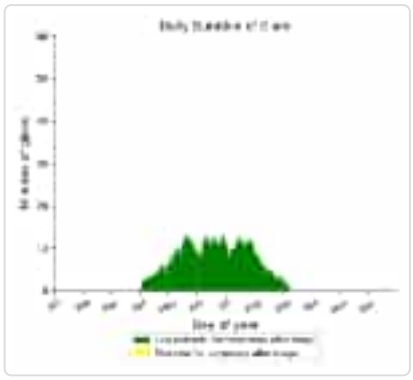


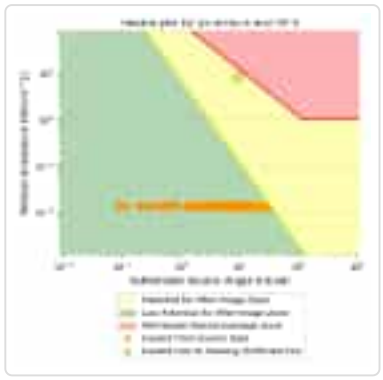
PV array 6: OP 9

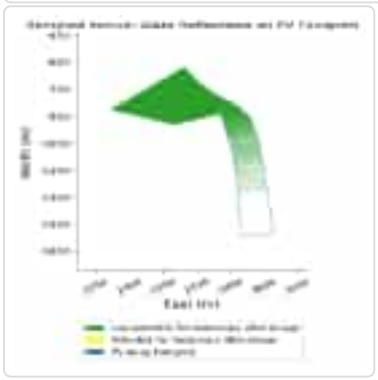
PV array is expected to produce the following glare for this receptor:

- 1,275 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









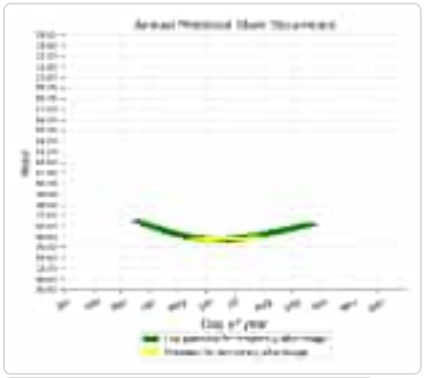
PV array 6: OP 10

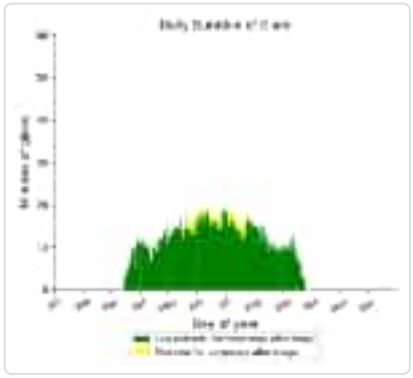
No glare found

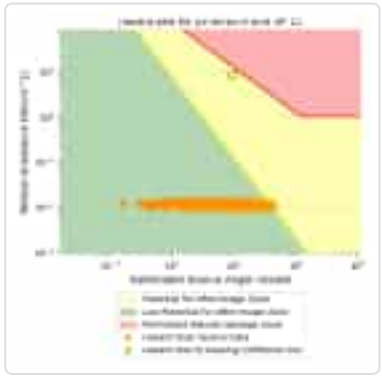
PV array 6: OP 11

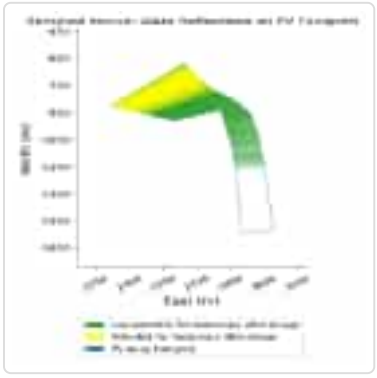
PV array is expected to produce the following glare for this receptor:

- 2,392 minutes of "green" glare with low potential to cause temporary after-image.
- 111 minutes of "yellow" glare with potential to cause temporary after-image.





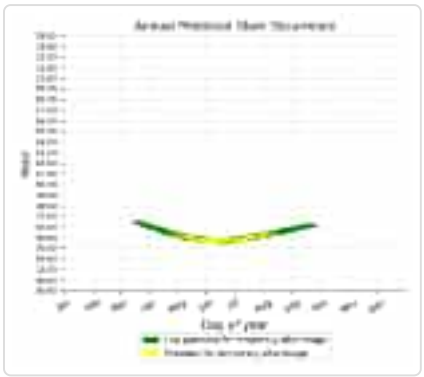


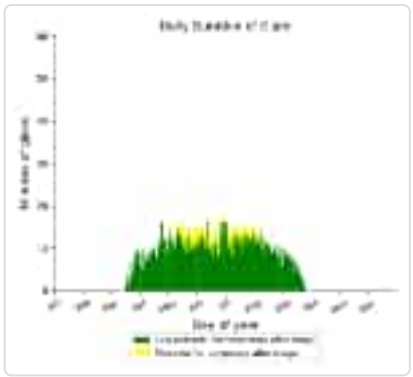


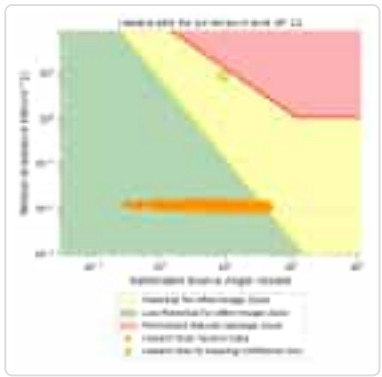
PV array 6: OP 12

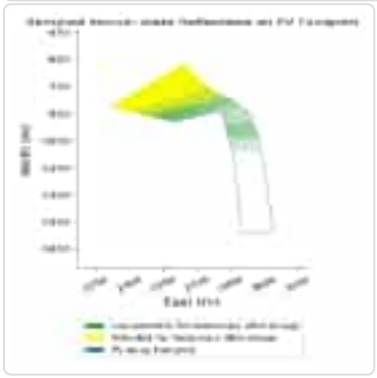
PV array is expected to produce the following glare for this receptor:

- 1,925 minutes of "green" glare with low potential to cause temporary after-image.
- 245 minutes of "yellow" glare with potential to cause temporary after-image.





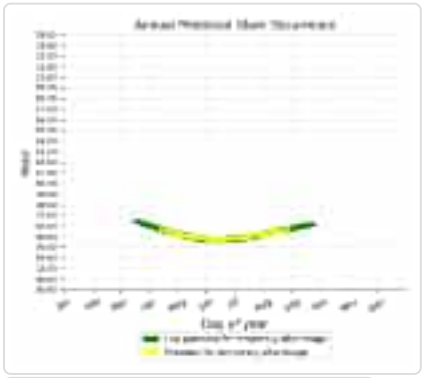


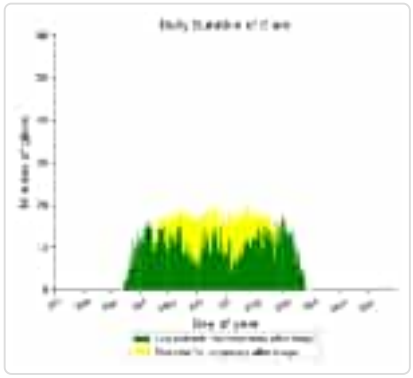


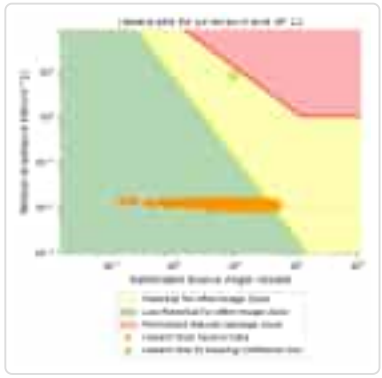
PV array 6: OP 13

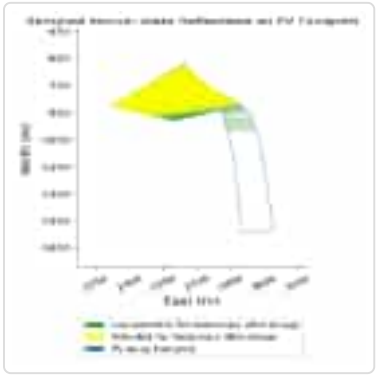
PV array is expected to produce the following glare for this receptor:

- 2,041 minutes of "green" glare with low potential to cause temporary after-image.
- 862 minutes of "yellow" glare with potential to cause temporary after-image.





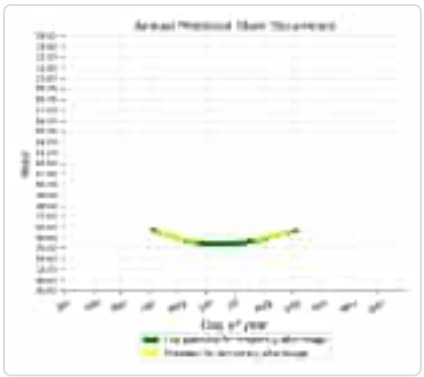


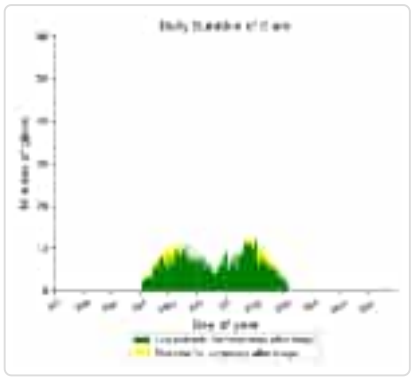


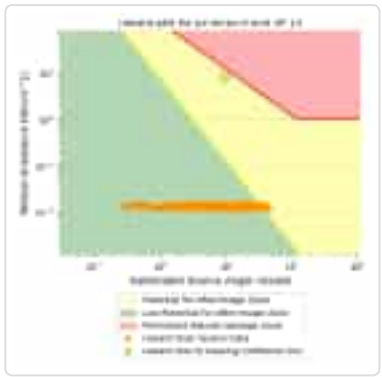
PV array 6: OP 14

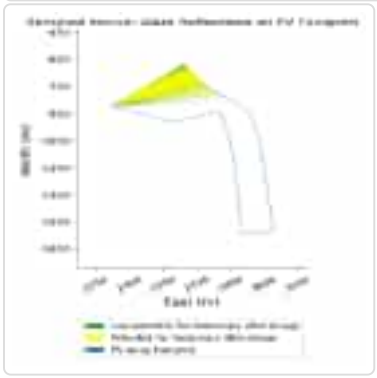
PV array is expected to produce the following glare for this receptor:

- 1,042 minutes of "green" glare with low potential to cause temporary after-image.
- 123 minutes of "yellow" glare with potential to cause temporary after-image.





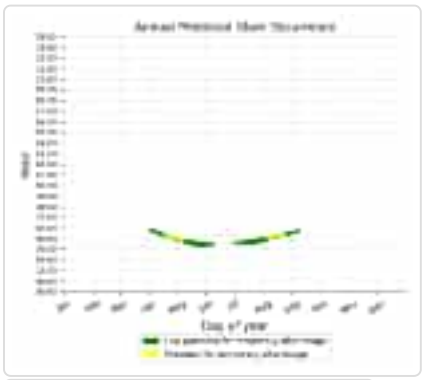


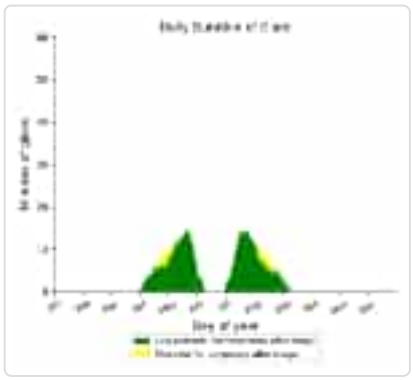


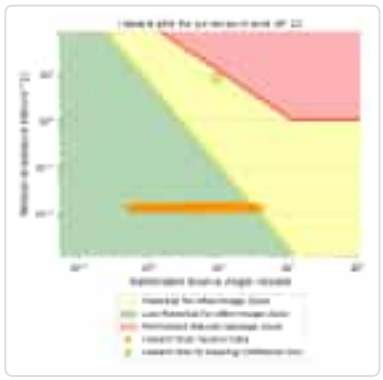
PV array 6: OP 15

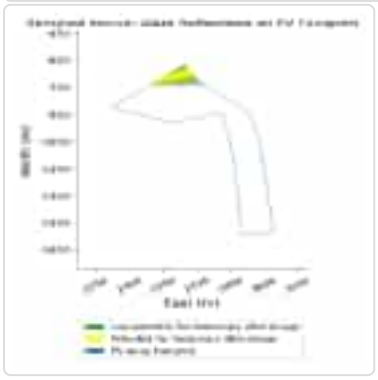
PV array is expected to produce the following glare for this receptor:

- 1,003 minutes of "green" glare with low potential to cause temporary after-image.
- 79 minutes of "yellow" glare with potential to cause temporary after-image.





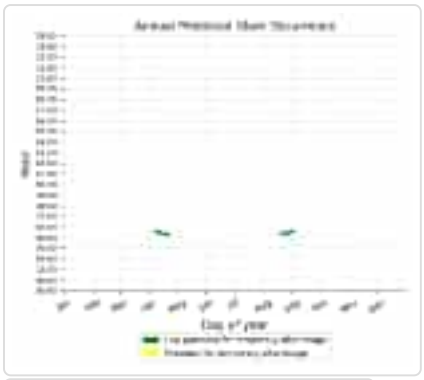


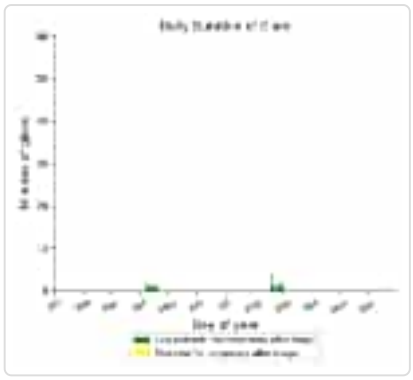


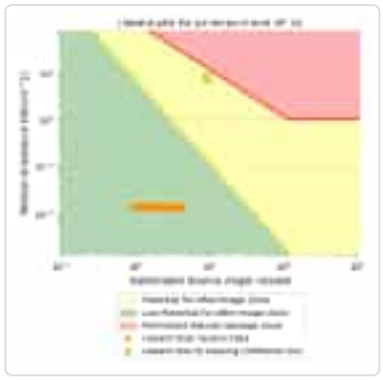
PV array 6: OP 16

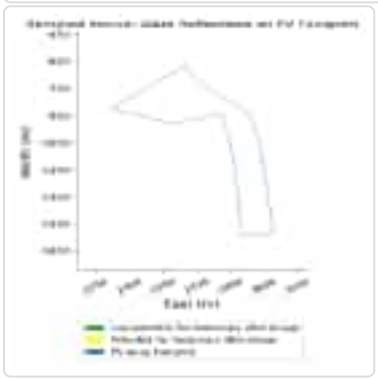
PV array is expected to produce the following glare for this receptor:

- 39 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 17

No glare found

PV array 6: OP 18

No glare found

PV array 6: OP 19

No glare found

PV array 6: OP 20

No glare found

PV array 6: OP 21

No glare found

PV array 6: OP 22

No glare found

PV array 6: OP 23

No glare found

PV array 6: OP 24

No glare found

PV array 6: OP 25

No glare found

PV array 6: OP 26

No glare found

PV array 6: OP 27

No glare found

PV array 6: OP 28

No glare found

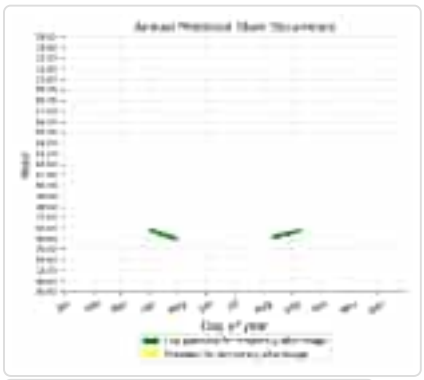
PV array 6: OP 29

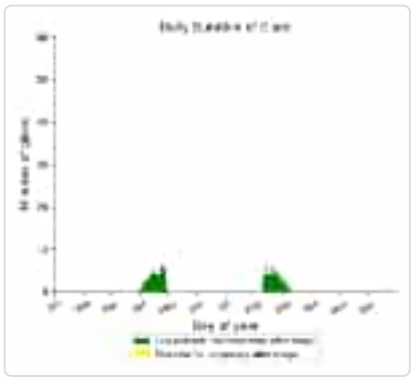
No glare found

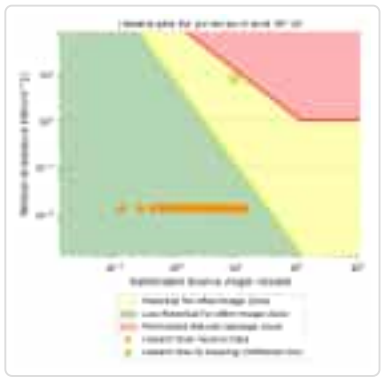
PV array 6: OP 30

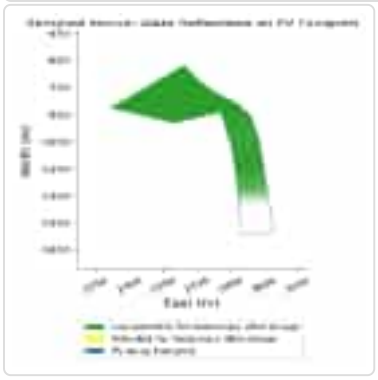
PV array is expected to produce the following glare for this receptor:

- 212 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





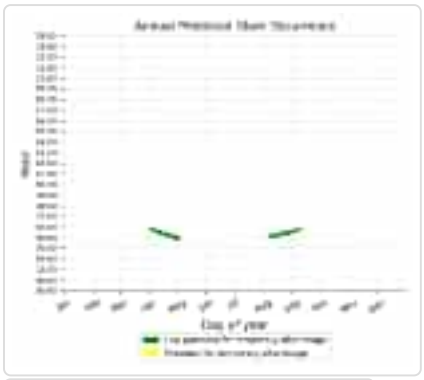


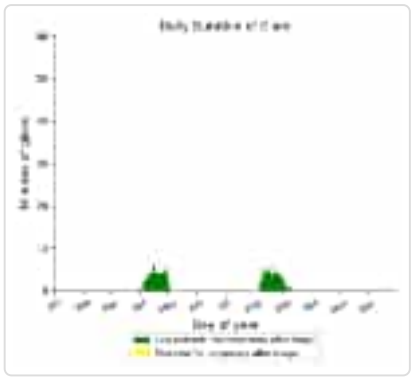


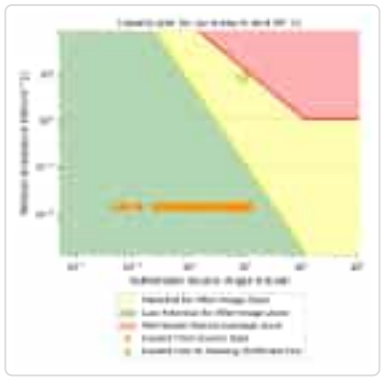
PV array 6: OP 31

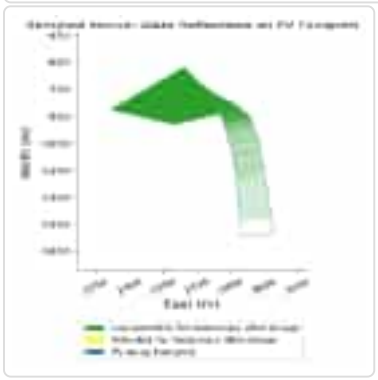
PV array is expected to produce the following glare for this receptor:

- 227 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





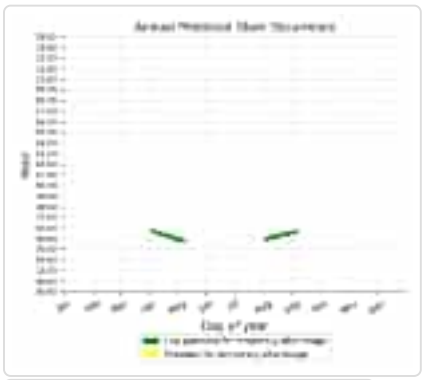


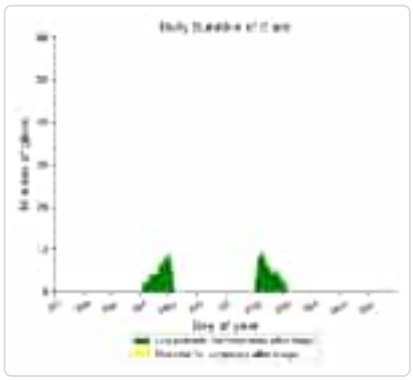


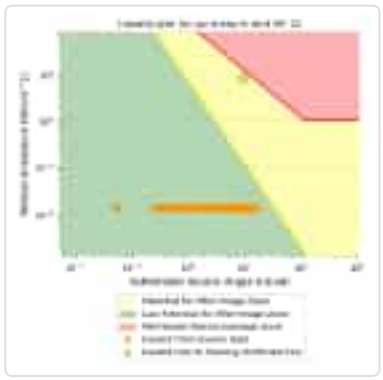
PV array 6: OP 32

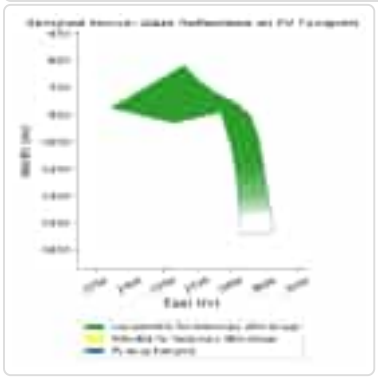
PV array is expected to produce the following glare for this receptor:

- 359 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





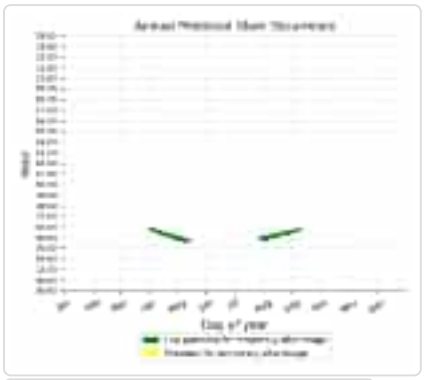


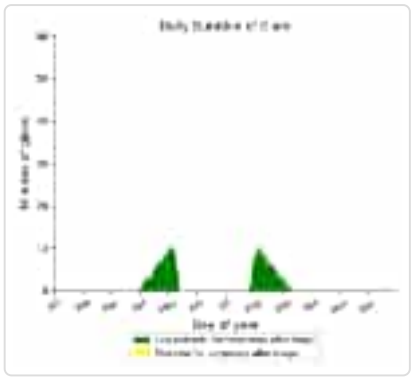


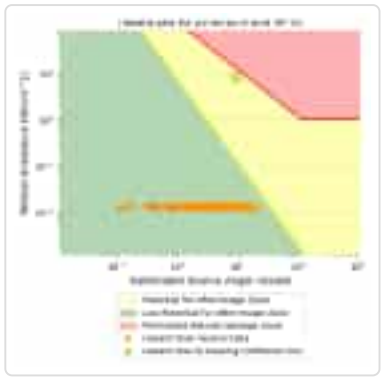
PV array 6: OP 33

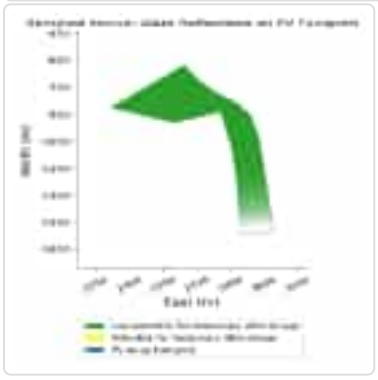
PV array is expected to produce the following glare for this receptor:

- 488 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





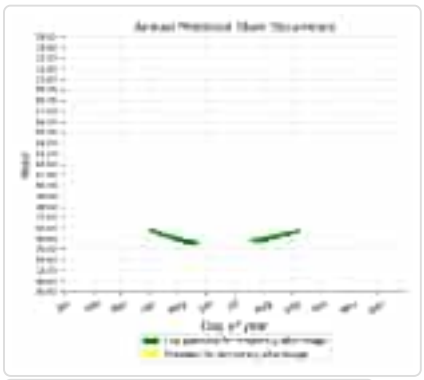


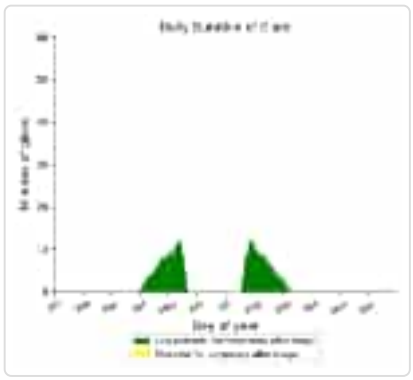


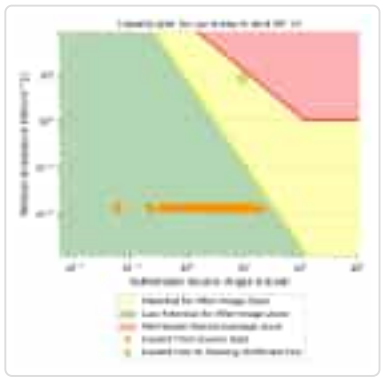
PV array 6: OP 34

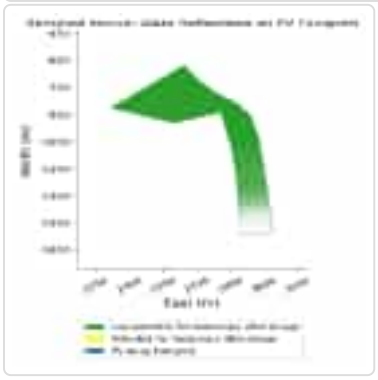
PV array is expected to produce the following glare for this receptor:

- 673 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





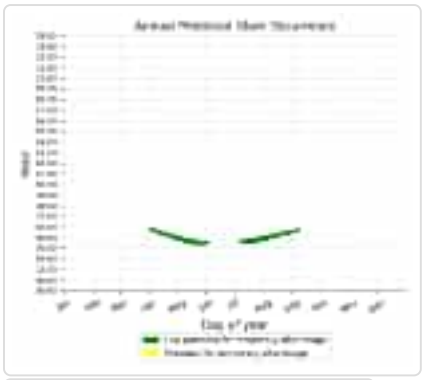


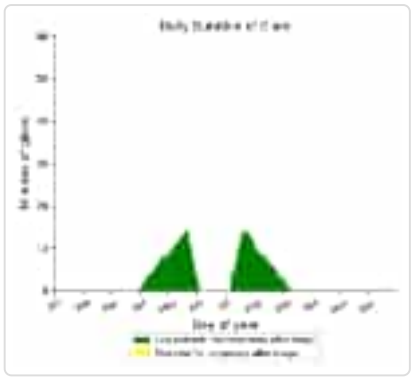


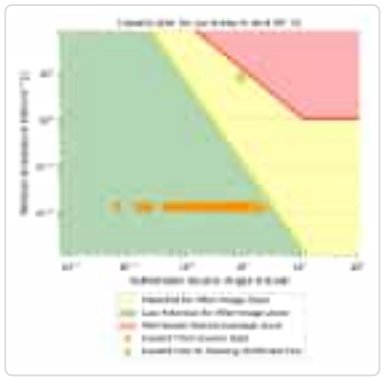
PV array 6: OP 35

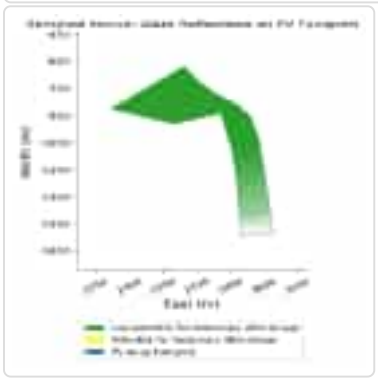
PV array is expected to produce the following glare for this receptor:

- 964 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





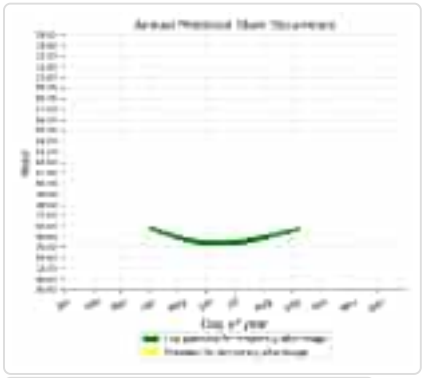


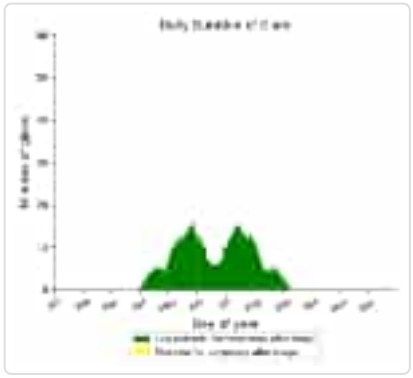


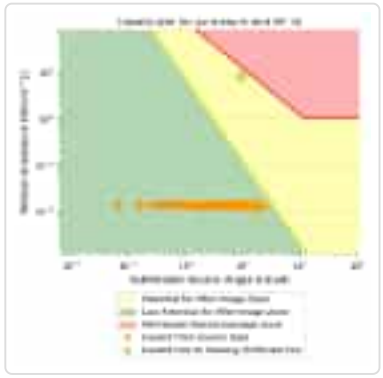
PV array 6: OP 36

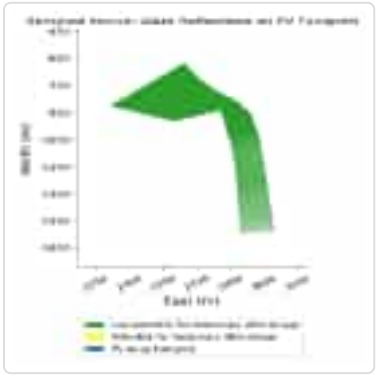
PV array is expected to produce the following glare for this receptor:

- 1,339 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





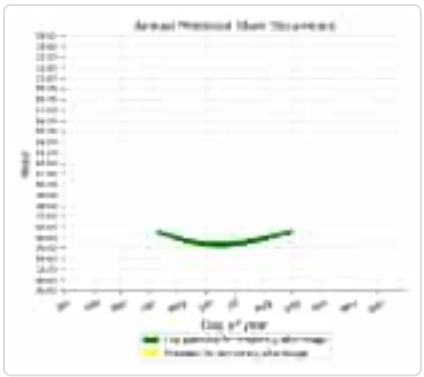


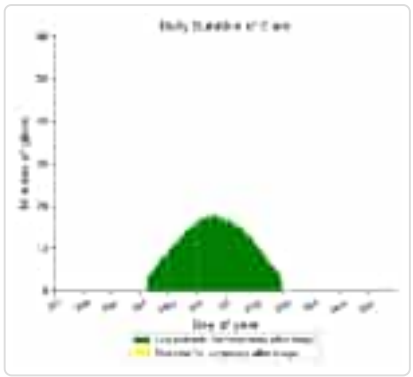


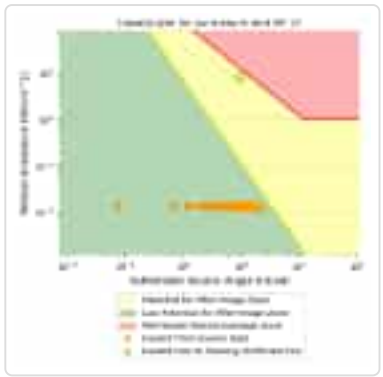
PV array 6: OP 37

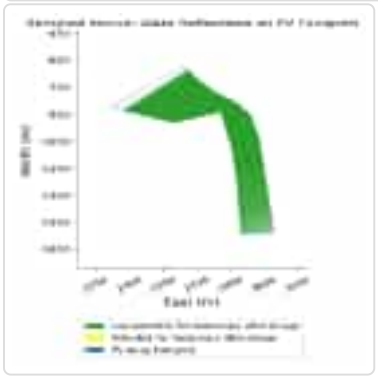
PV array is expected to produce the following glare for this receptor:

- 1,722 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





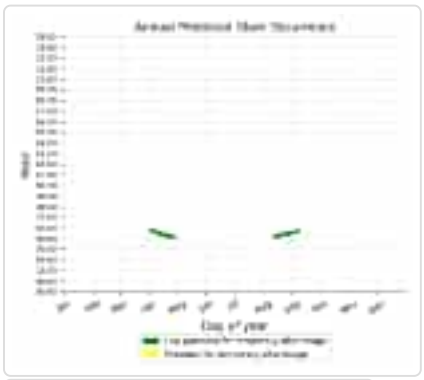


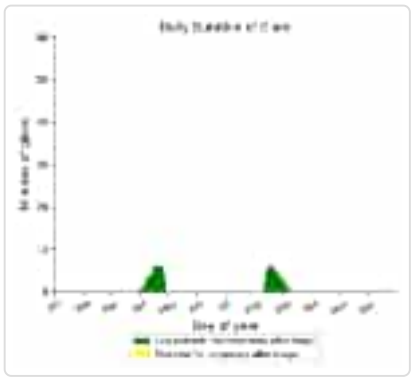


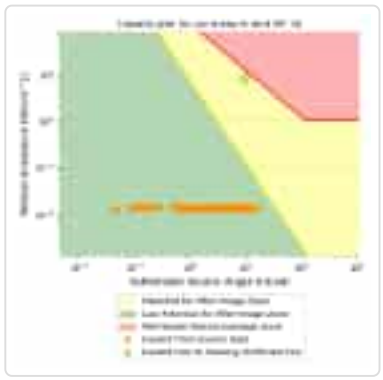
PV array 6: OP 38

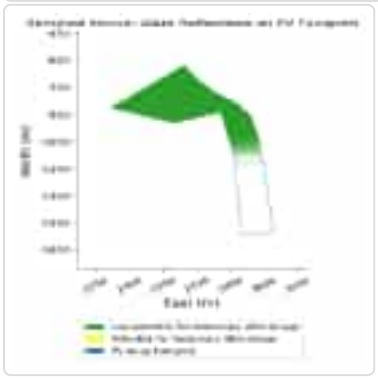
PV array is expected to produce the following glare for this receptor:

- 221 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





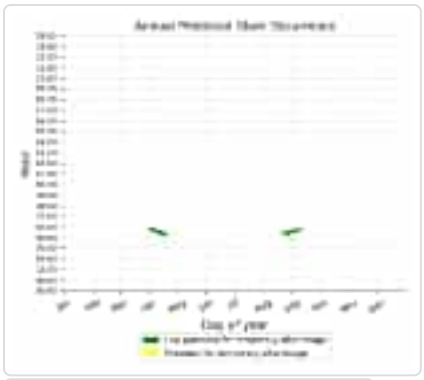


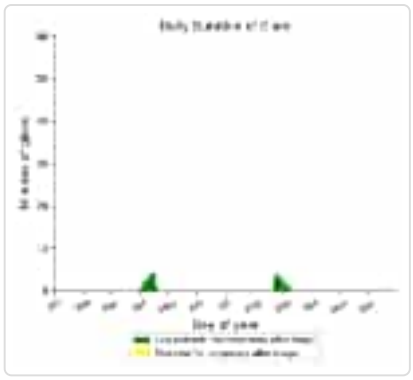


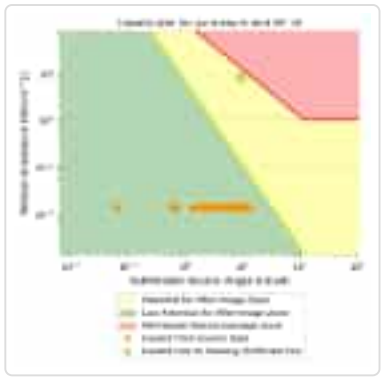
PV array 6: OP 39

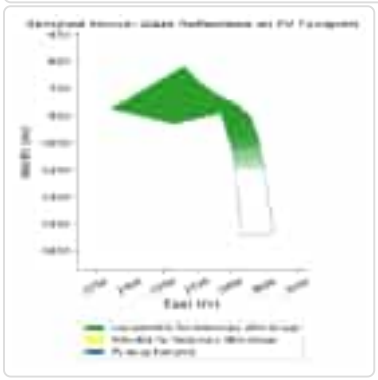
PV array is expected to produce the following glare for this receptor:

- 92 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





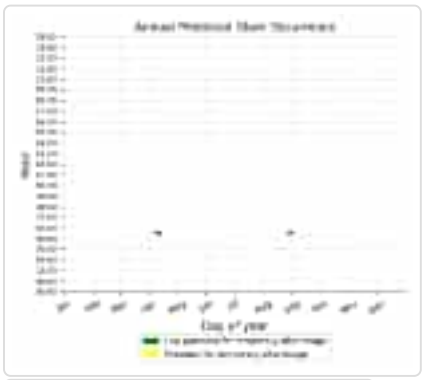


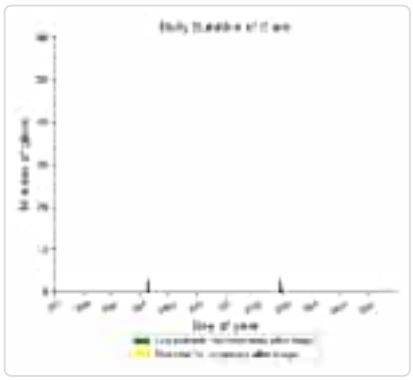


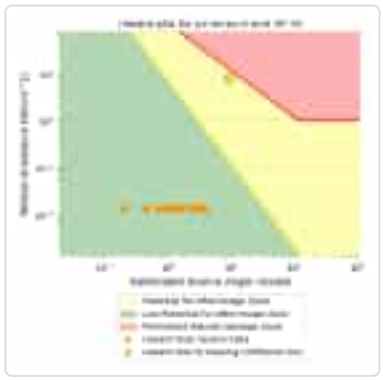
PV array 6: OP 40

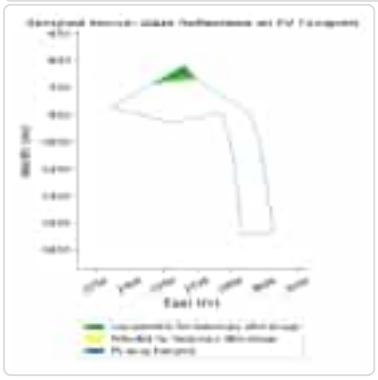
PV array is expected to produce the following glare for this receptor:

- 19 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 41

No glare found

PV array 6: OP 42

No glare found

PV array 6: OP 43

No glare found

PV array 6: OP 44

No glare found

PV array 6: OP 45

No glare found

PV array 6: OP 46

No glare found

PV array 6: OP 47

No glare found

PV array 6: OP 48

No glare found

PV array 6: OP 49

No glare found

PV array 6: OP 50

No glare found

PV array 6: OP 51

No glare found

PV array 6: OP 52

No glare found

PV array 6: OP 53

No glare found

PV array 6: OP 54

No glare found

PV array 6: OP 55

No glare found

PV array 6: OP 56

No glare found

PV array 6: OP 57

No glare found

PV array 6: OP 58

No glare found

PV array 6: OP 59

No glare found

PV array 6: OP 60

No glare found

PV array 6: OP 61

No glare found

PV array 6: OP 62

No glare found

PV array 6: OP 63

No glare found

PV array 6: OP 64

No glare found

PV array 6: OP 65

No glare found

PV array 6: OP 66
No glare found

PV array 6: OP 67
No glare found

PV array 6: OP 68
No glare found

PV array 6: OP 69
No glare found

PV array 6: OP 70
No glare found

PV array 6: OP 71
No glare found

PV array 6: OP 72
No glare found

PV array 6: OP 73
No glare found

PV array 6: OP 74
No glare found

PV array 6: OP 75
No glare found

PV array 6: OP 76
No glare found

PV array 6: OP 77
No glare found

PV array 6: OP 78
No glare found

PV array 6: OP 79
No glare found

PV array 6: OP 80
No glare found

PV array 7 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)

OP: OP 1	1488	0
OP: OP 2	1394	0
OP: OP 3	1657	0
OP: OP 4	1643	0
OP: OP 5	1630	0
OP: OP 6	1668	0
OP: OP 7	1592	76
OP: OP 8	1589	82
OP: OP 9	1393	270
OP: OP 10	983	39
OP: OP 11	2695	1549
OP: OP 12	638	0
OP: OP 13	291	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	170	0
OP: OP 31	156	0
OP: OP 32	244	0
OP: OP 33	364	0
OP: OP 34	502	0
OP: OP 35	733	0
OP: OP 36	1213	0
OP: OP 37	1658	0
OP: OP 38	124	0
OP: OP 39	42	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
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OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0

OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
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OP: OP 61	0	0
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OP: OP 70	0	0
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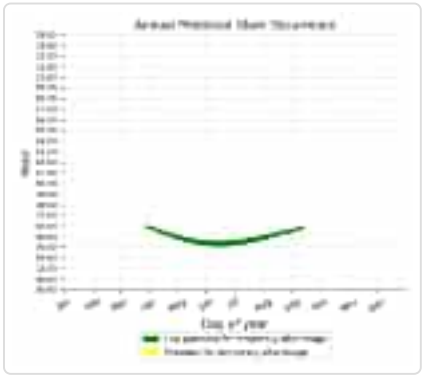
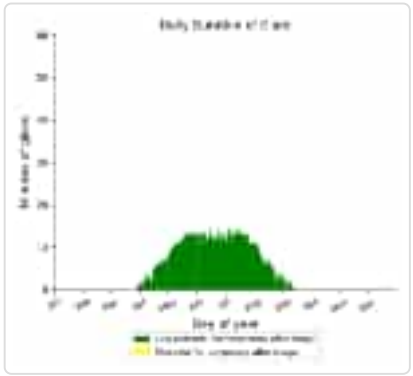
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

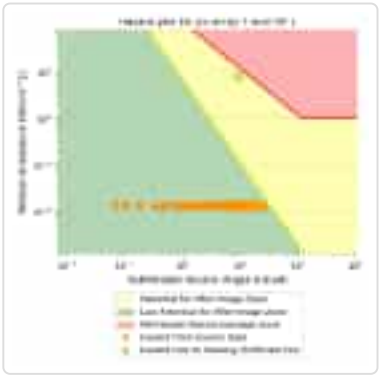
PV array 7: OP 1

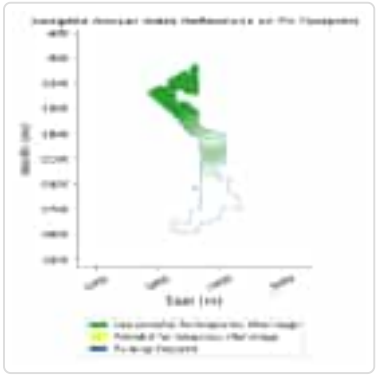
PV array is expected to produce the following glare for this receptor:

- 1,488 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





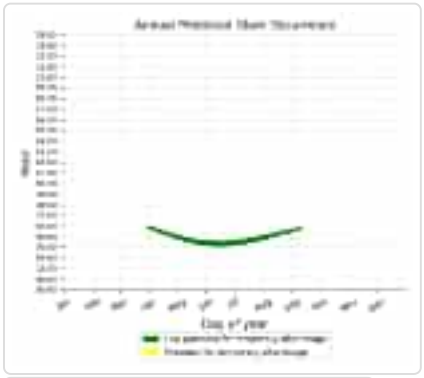


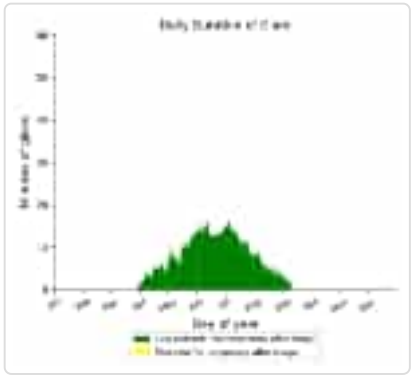


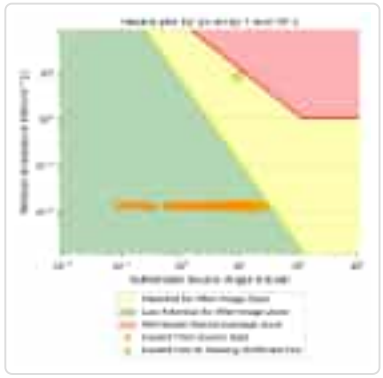
PV array 7: OP 2

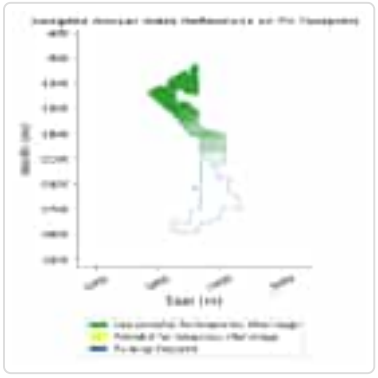
PV array is expected to produce the following glare for this receptor:

- 1,394 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





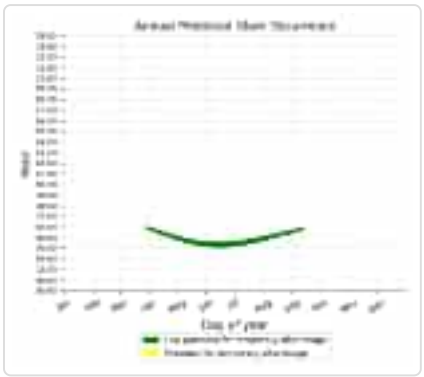


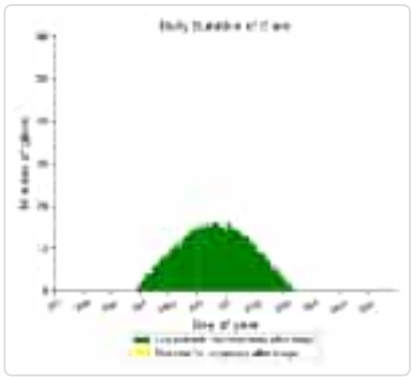


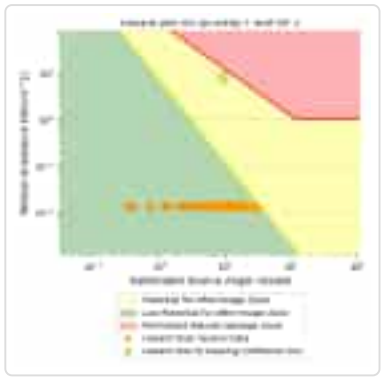
PV array 7: OP 3

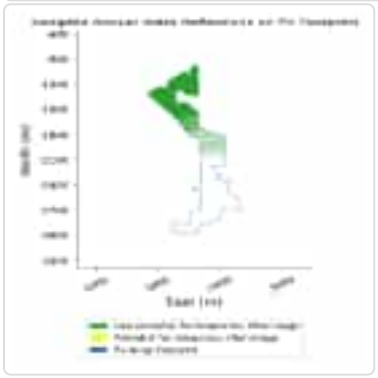
PV array is expected to produce the following glare for this receptor:

- 1,657 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





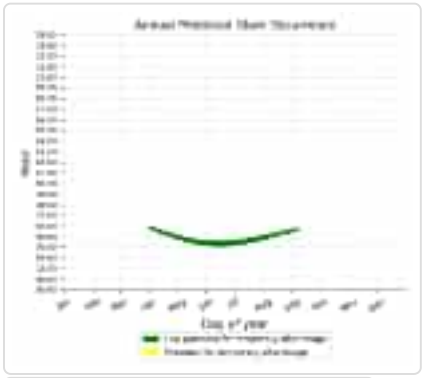


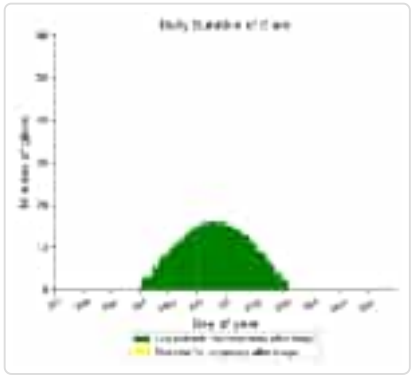


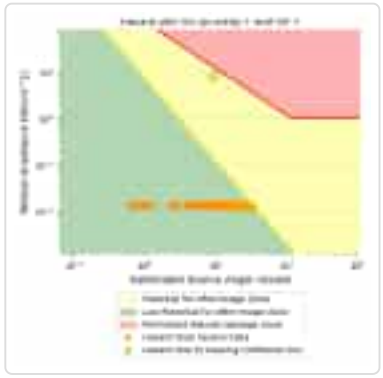
PV array 7: OP 4

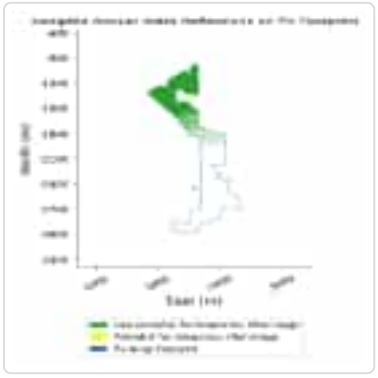
PV array is expected to produce the following glare for this receptor:

- 1,643 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





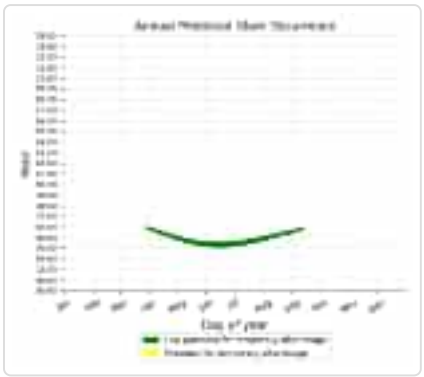


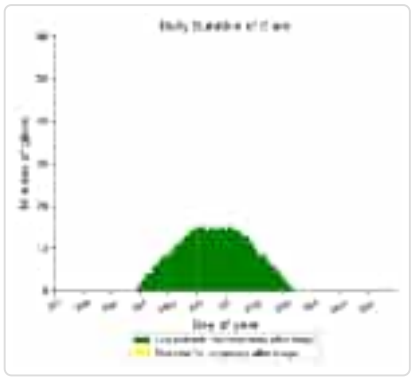


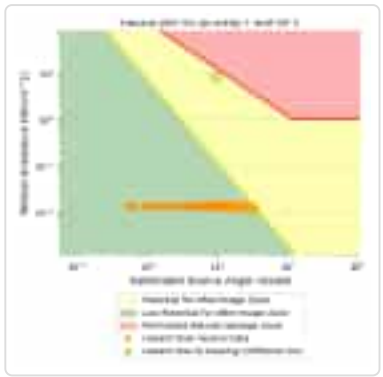
PV array 7: OP 5

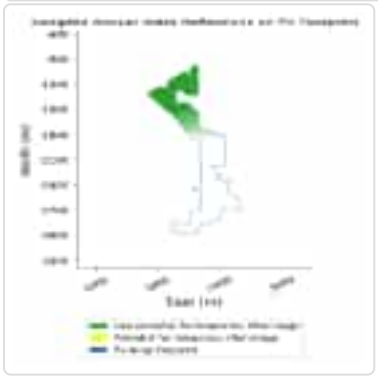
PV array is expected to produce the following glare for this receptor:

- 1,630 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





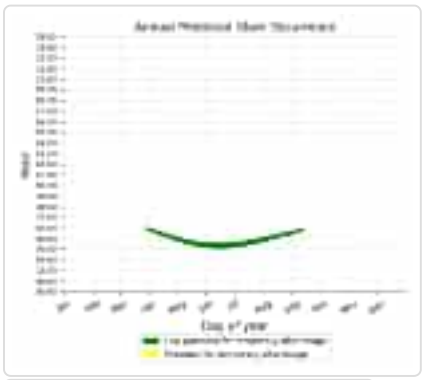


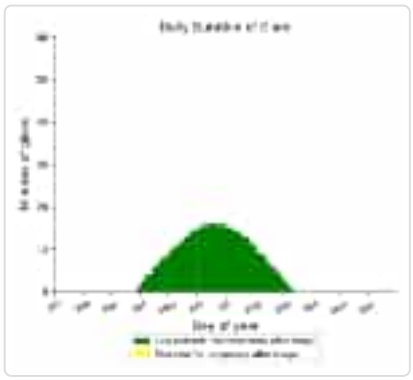


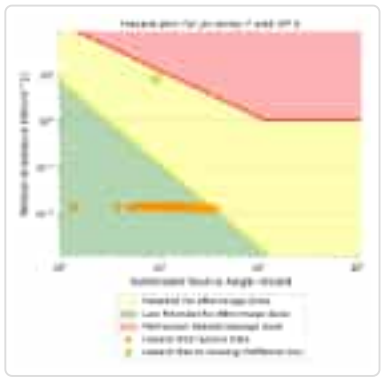
PV array 7: OP 6

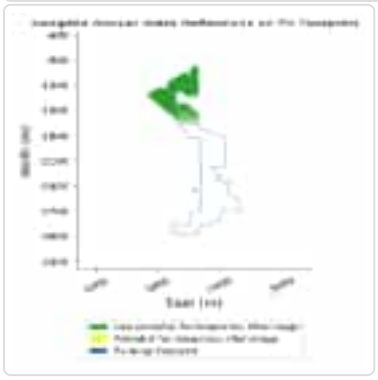
PV array is expected to produce the following glare for this receptor:

- 1,668 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





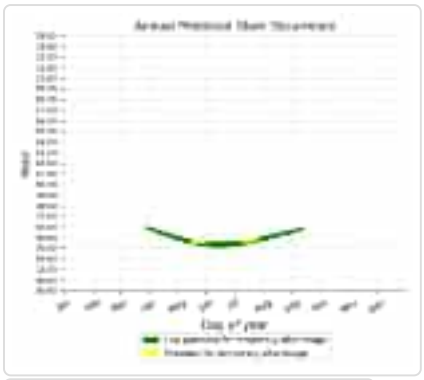


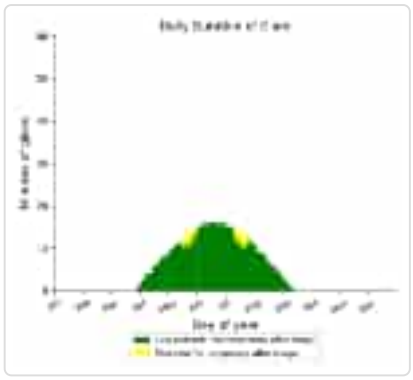


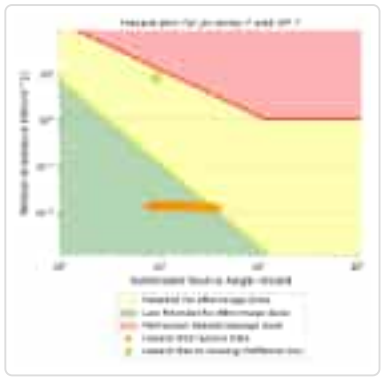
PV array 7: OP 7

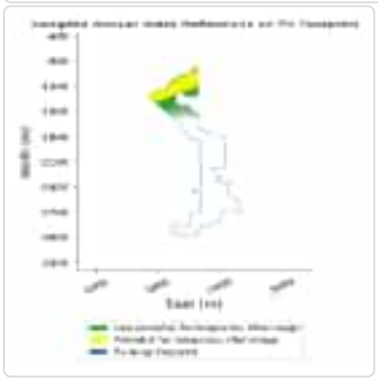
PV array is expected to produce the following glare for this receptor:

- 1,592 minutes of "green" glare with low potential to cause temporary after-image.
- 76 minutes of "yellow" glare with potential to cause temporary after-image.





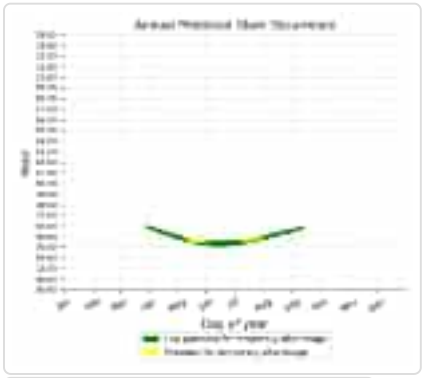


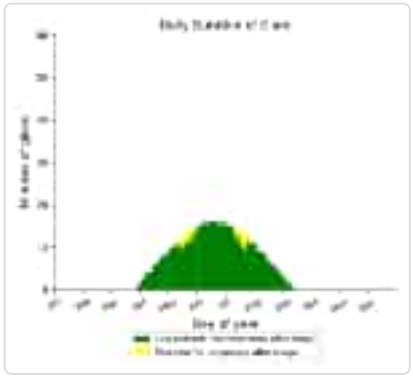


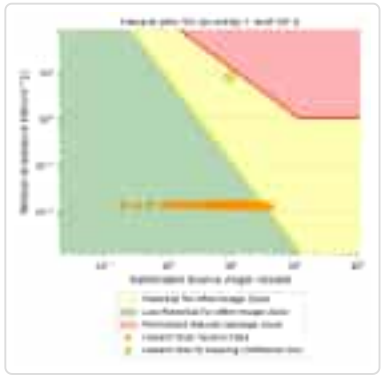
PV array 7: OP 8

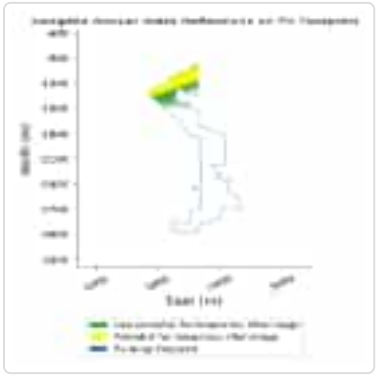
PV array is expected to produce the following glare for this receptor:

- 1,589 minutes of "green" glare with low potential to cause temporary after-image.
- 82 minutes of "yellow" glare with potential to cause temporary after-image.





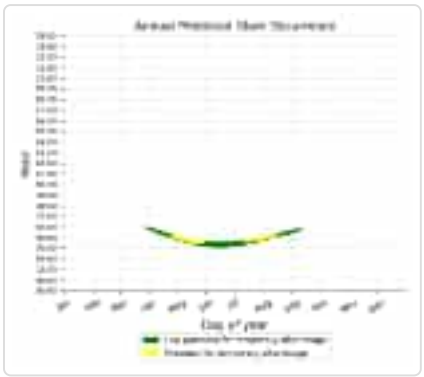


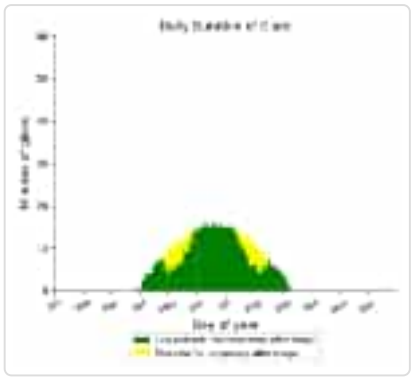


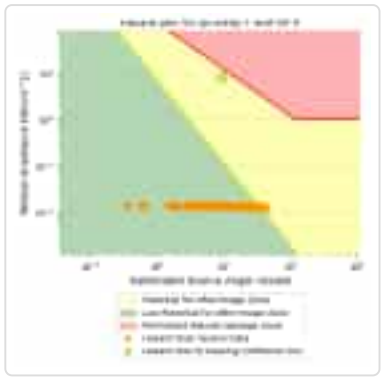
PV array 7: OP 9

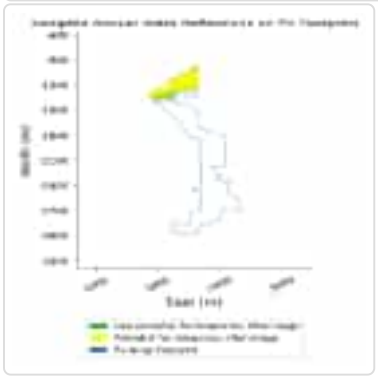
PV array is expected to produce the following glare for this receptor:

- 1,393 minutes of "green" glare with low potential to cause temporary after-image.
- 270 minutes of "yellow" glare with potential to cause temporary after-image.





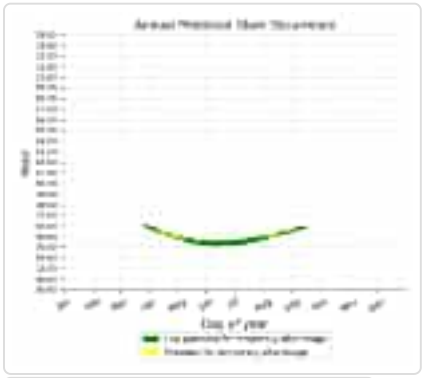


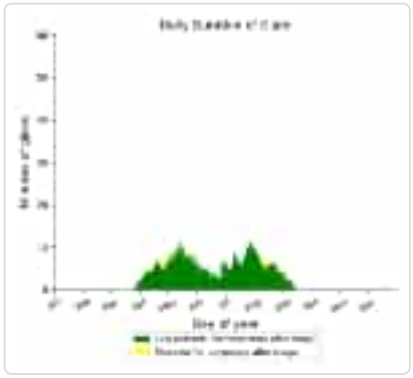


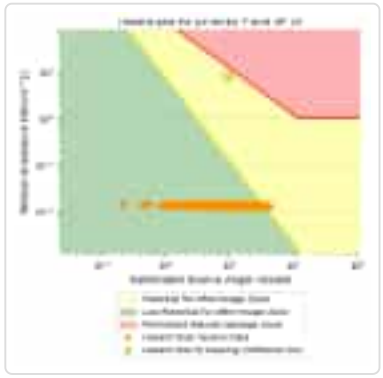
PV array 7: OP 10

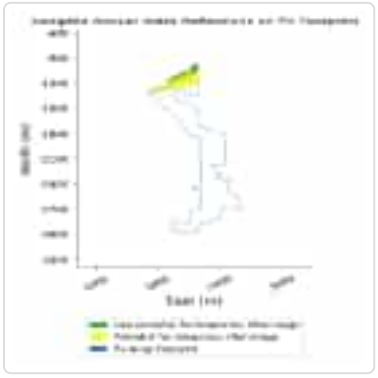
PV array is expected to produce the following glare for this receptor:

- 983 minutes of "green" glare with low potential to cause temporary after-image.
- 39 minutes of "yellow" glare with potential to cause temporary after-image.





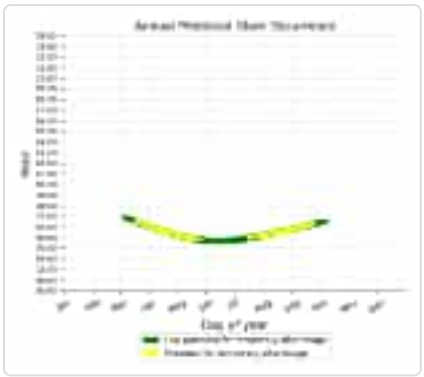


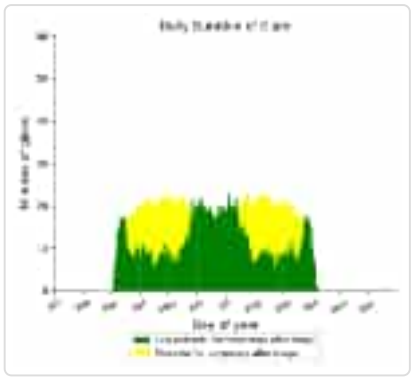


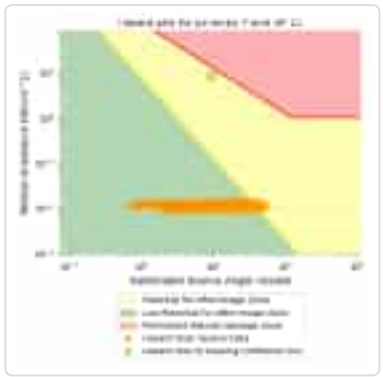
PV array 7: OP 11

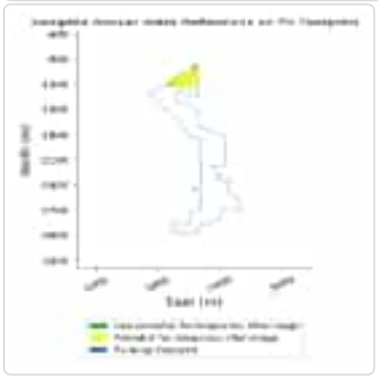
PV array is expected to produce the following glare for this receptor:

- 2,695 minutes of "green" glare with low potential to cause temporary after-image.
- 1,549 minutes of "yellow" glare with potential to cause temporary after-image.





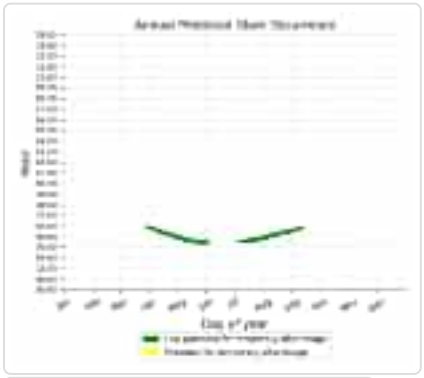


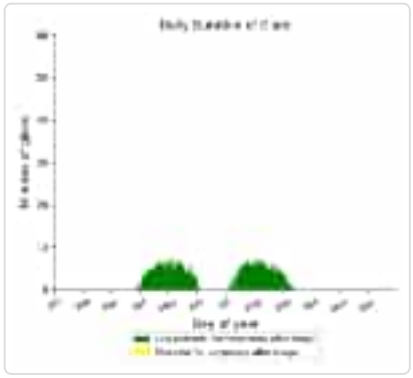


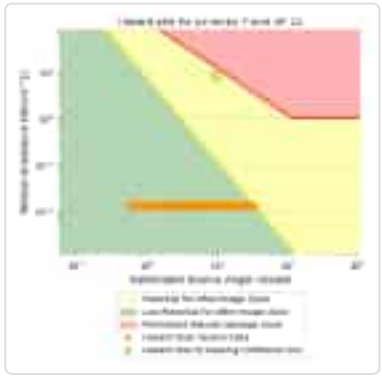
PV array 7: OP 12

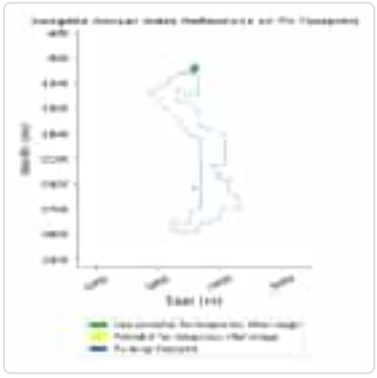
PV array is expected to produce the following glare for this receptor:

- 638 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





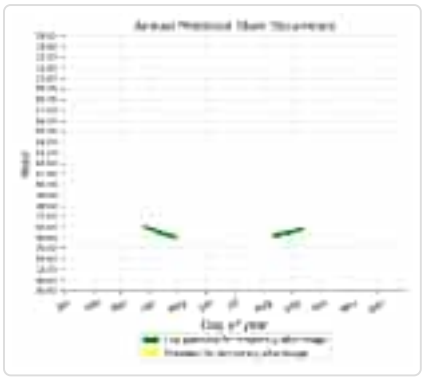


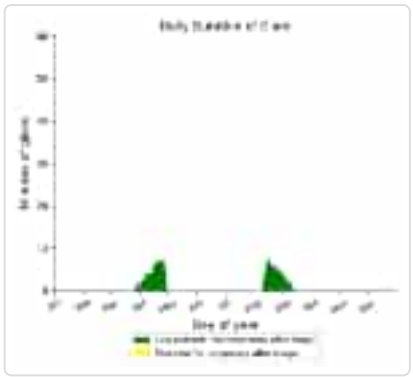


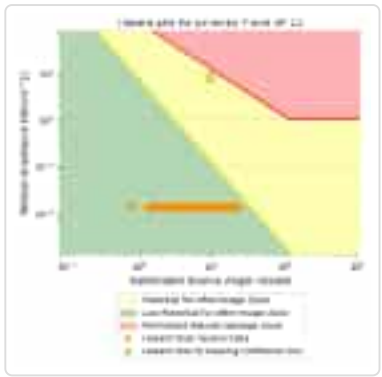
PV array 7: OP 13

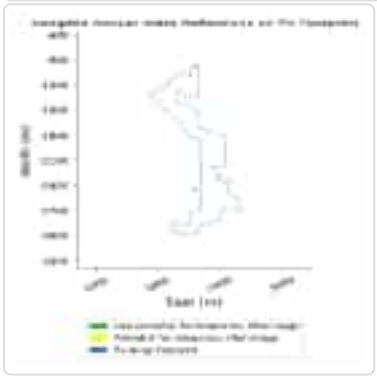
PV array is expected to produce the following glare for this receptor:

- 291 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 14

No glare found

PV array 7: OP 15

No glare found

PV array 7: OP 16

No glare found

PV array 7: OP 17

No glare found

PV array 7: OP 18

No glare found

PV array 7: OP 19

No glare found

PV array 7: OP 20

No glare found

PV array 7: OP 21

No glare found

PV array 7: OP 22

No glare found

PV array 7: OP 23

No glare found

PV array 7: OP 24

No glare found

PV array 7: OP 25

No glare found

PV array 7: OP 26

No glare found

PV array 7: OP 27

No glare found

PV array 7: OP 28

No glare found

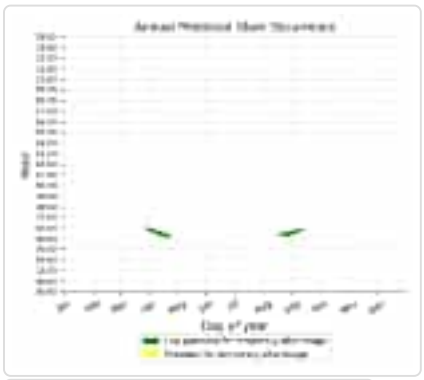
PV array 7: OP 29

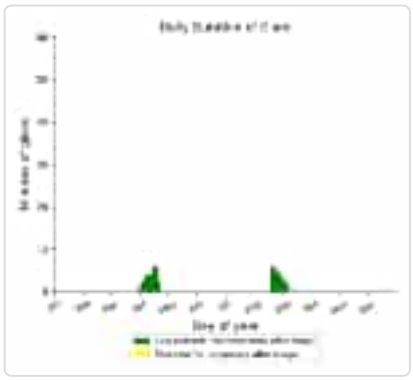
No glare found

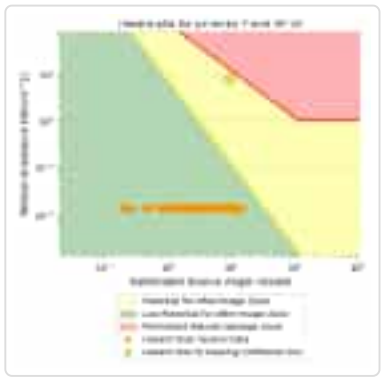
PV array 7: OP 30

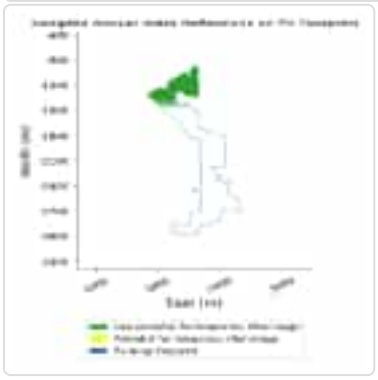
PV array is expected to produce the following glare for this receptor:

- 170 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





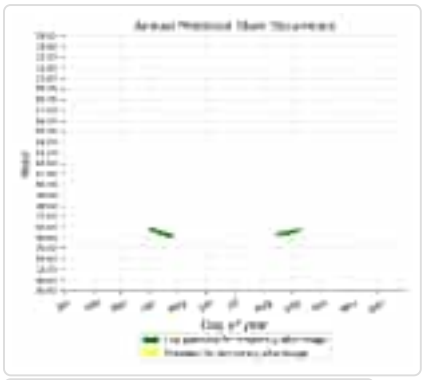


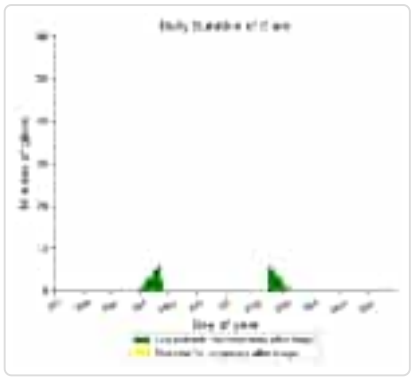


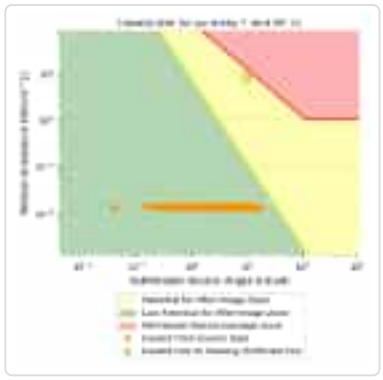
PV array 7: OP 31

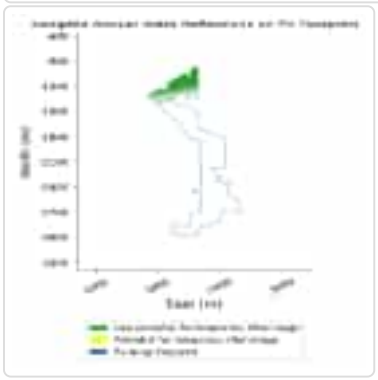
PV array is expected to produce the following glare for this receptor:

- 156 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





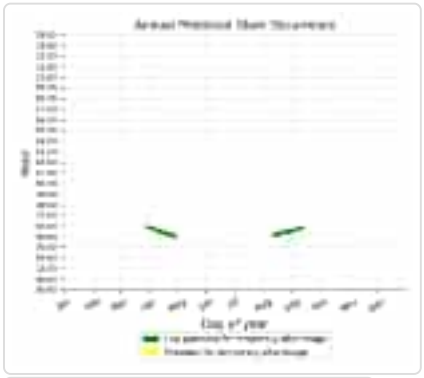


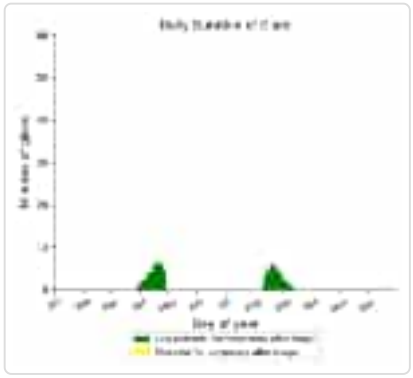


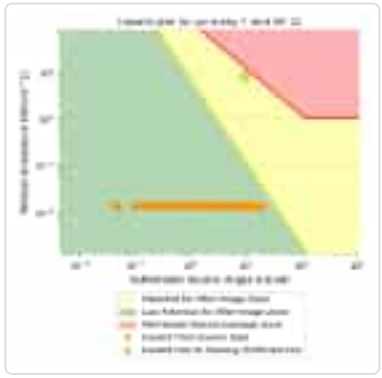
PV array 7: OP 32

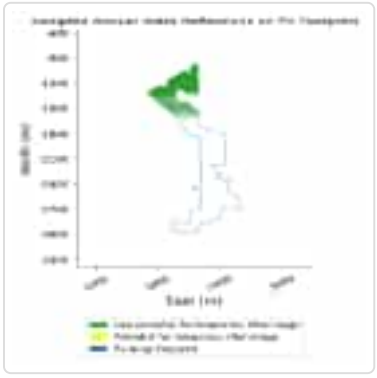
PV array is expected to produce the following glare for this receptor:

- 244 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





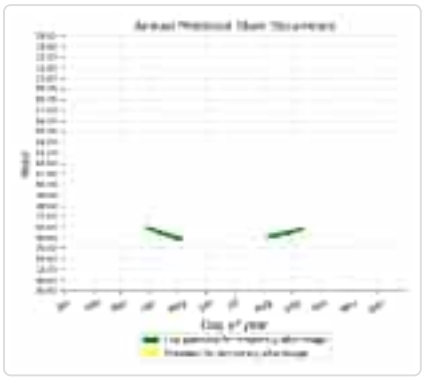


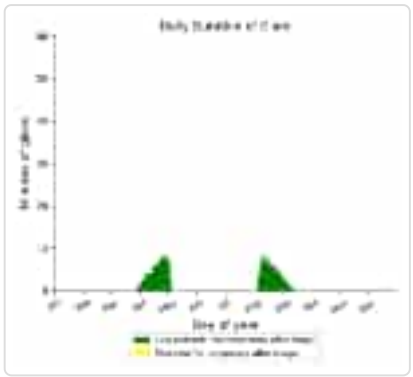


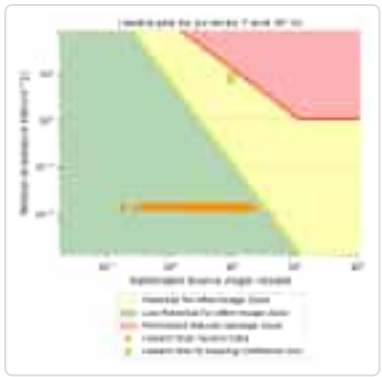
PV array 7: OP 33

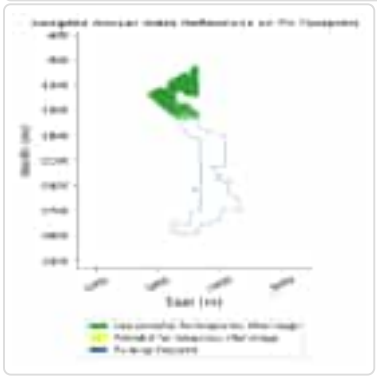
PV array is expected to produce the following glare for this receptor:

- 364 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





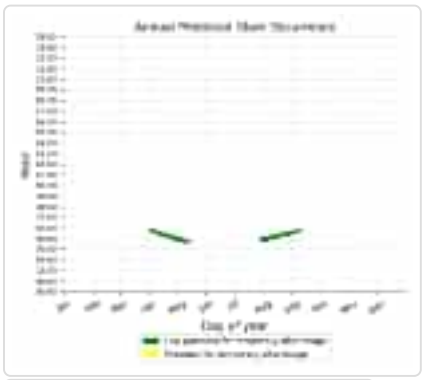


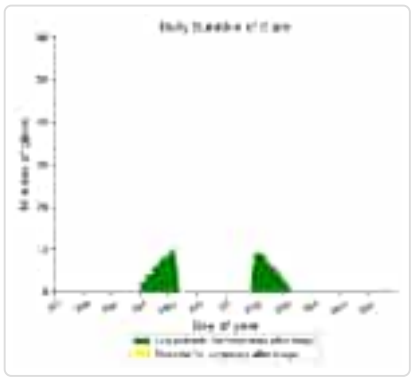


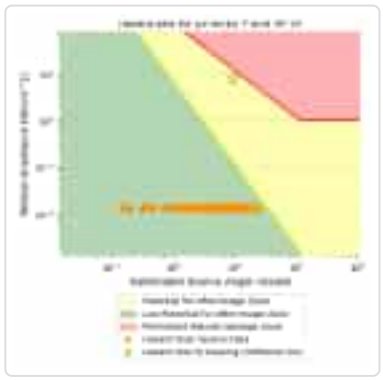
PV array 7: OP 34

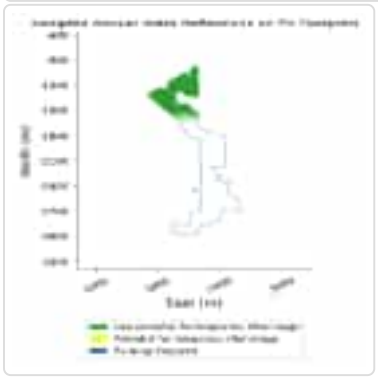
PV array is expected to produce the following glare for this receptor:

- 502 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





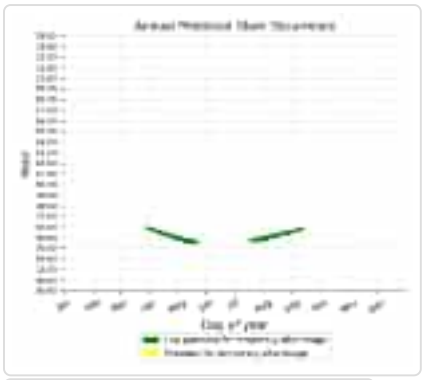


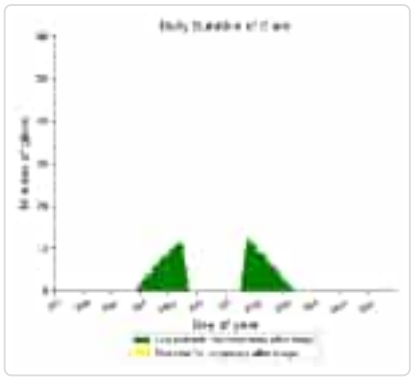


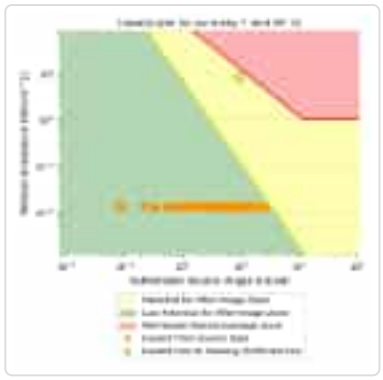
PV array 7: OP 35

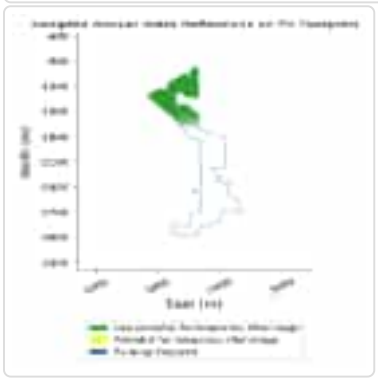
PV array is expected to produce the following glare for this receptor:

- 733 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





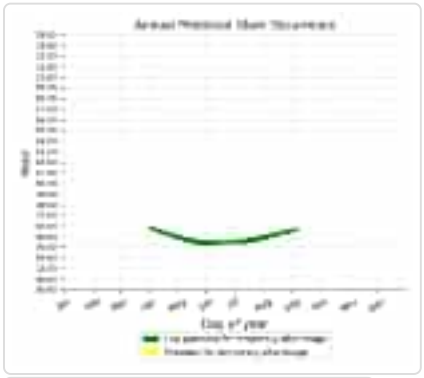


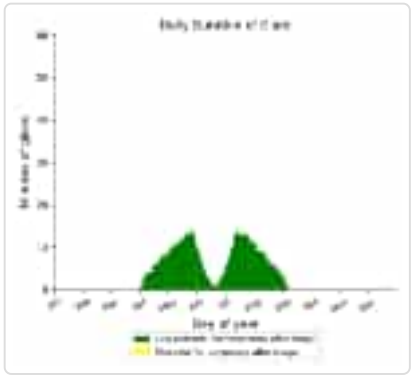


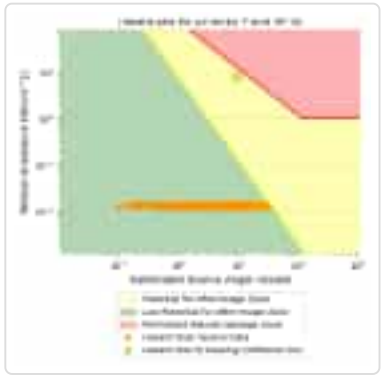
PV array 7: OP 36

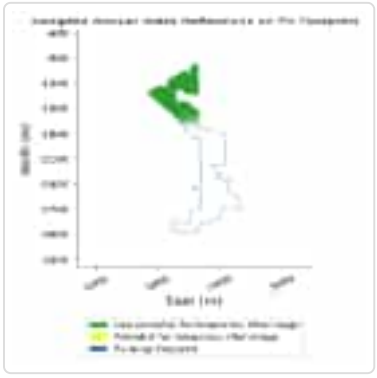
PV array is expected to produce the following glare for this receptor:

- 1,213 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





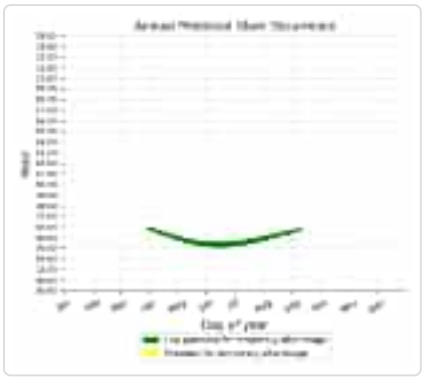


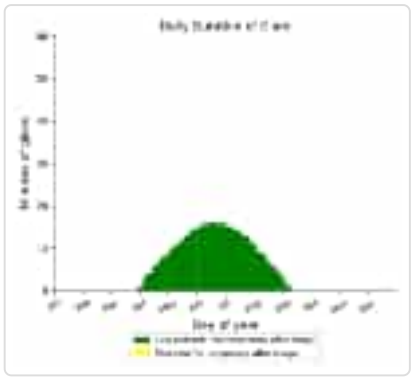


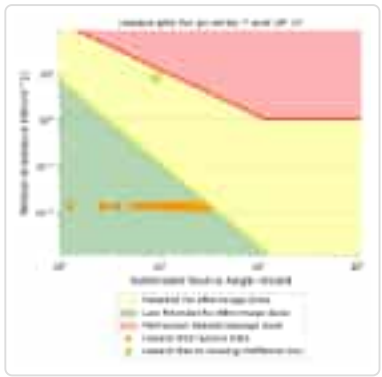
PV array 7: OP 37

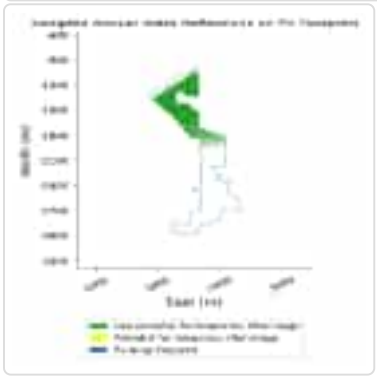
PV array is expected to produce the following glare for this receptor:

- 1,658 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





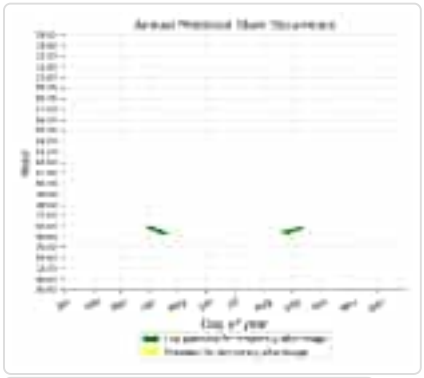


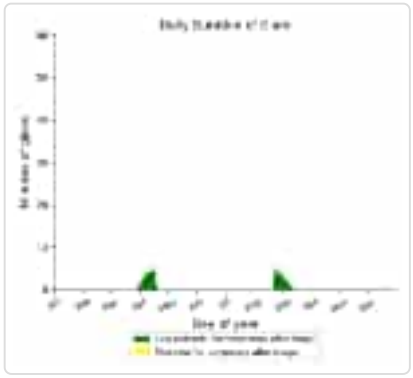


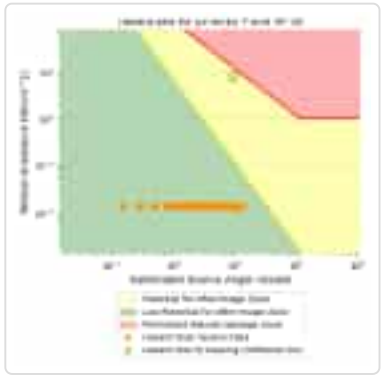
PV array 7: OP 38

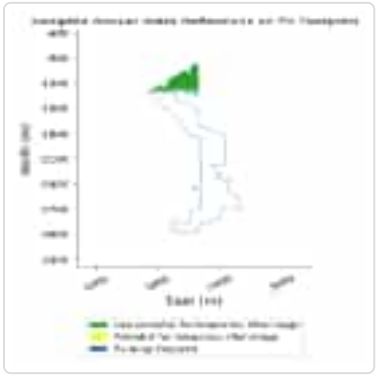
PV array is expected to produce the following glare for this receptor:

- 124 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





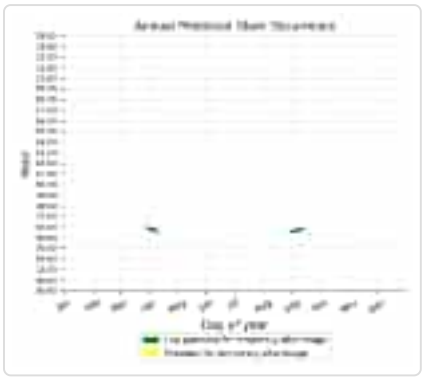


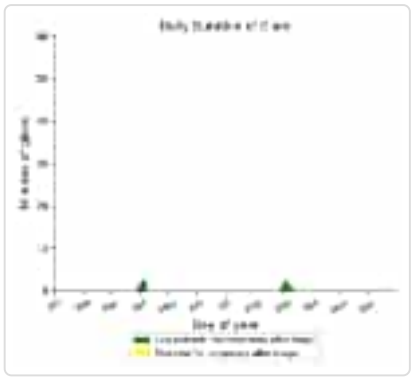


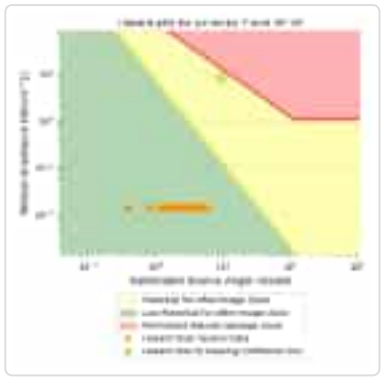
PV array 7: OP 39

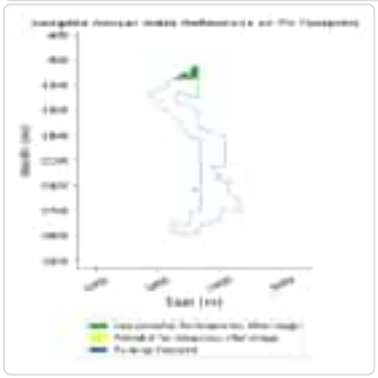
PV array is expected to produce the following glare for this receptor:

- 42 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 40

No glare found

PV array 7: OP 41

No glare found

PV array 7: OP 42

No glare found

PV array 7: OP 43

No glare found

PV array 7: OP 44

No glare found

PV array 7: OP 45

No glare found

PV array 7: OP 46

No glare found

PV array 7: OP 47

No glare found

PV array 7: OP 48

No glare found

PV array 7: OP 49

No glare found

PV array 7: OP 50

No glare found

PV array 7: OP 51

No glare found

PV array 7: OP 52

No glare found

PV array 7: OP 53

No glare found

PV array 7: OP 54

No glare found

PV array 7: OP 55

No glare found

PV array 7: OP 56

No glare found

PV array 7: OP 57

No glare found

PV array 7: OP 58

No glare found

PV array 7: OP 59

No glare found

PV array 7: OP 60

No glare found

PV array 7: OP 61

No glare found

PV array 7: OP 62

No glare found

PV array 7: OP 63

No glare found

PV array 7: OP 64

No glare found

PV array 7: OP 65

No glare found

PV array 7: OP 66

No glare found

PV array 7: OP 67

No glare found

PV array 7: OP 68

No glare found

PV array 7: OP 69

No glare found

PV array 7: OP 70

No glare found

PV array 7: OP 71

No glare found

PV array 7: OP 72

No glare found

PV array 7: OP 73

No glare found

PV array 7: OP 74

No glare found

PV array 7: OP 75

No glare found

PV array 7: OP 76

No glare found

PV array 7: OP 77

No glare found

PV array 7: OP 78

No glare found

PV array 7: OP 79

No glare found

PV array 7: OP 80

No glare found

PV array 8 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 9 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Fosse Green Solar Farm

Fosse Green SF Road Group B 5 Degrees

Created Jan 12, 2024
Updated Sep 03, 2024
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 109587.18719

Project type Advanced
Project status: active
Category 10 MW to 100 MW

Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
PV array 1	5.0	180.0	54,370	0	-
PV array 10	5.0	180.0	40,672	10,764	-
PV array 11	5.0	180.0	25,968	4,668	-
PV array 12	5.0	180.0	4,219	0	-
PV array 13	5.0	180.0	2,551	0	-
PV array 14	5.0	180.0	5,065	1,349	-
PV array 15	5.0	180.0	562	0	-
PV array 2	5.0	180.0	25,230	4,515	-
PV array 3	5.0	180.0	47,369	0	-
PV array 4	5.0	180.0	38,092	3,668	-
PV array 5	5.0	180.0	6,510	2,587	-
PV array 6	5.0	180.0	25,131	2,015	-
PV array 7	5.0	180.0	115,120	9,484	-
PV array 8	5.0	180.0	15,348	91	-
PV array 9	5.0	180.0	20,545	2,168	-

Component Data

PV Array(s)

Total PV footprint area: 5,182,080 m^2

Name: PV array 1
Footprint area: 534,233 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.173327	-0.683693	15.22	3.50	18.72
2	53.171796	-0.684143	15.03	3.50	18.53
3	53.171552	-0.683478	15.19	3.50	18.69
4	53.171127	-0.682985	15.98	3.50	19.48
5	53.169712	-0.681805	15.00	3.50	18.50
6	53.168092	-0.681418	16.50	3.50	20.00
7	53.167989	-0.682362	16.00	3.50	19.50
8	53.167616	-0.682427	15.86	3.50	19.36
9	53.166844	-0.682749	16.00	3.50	19.50
10	53.166574	-0.682985	16.00	3.50	19.50
11	53.166123	-0.682920	16.00	3.50	19.50
12	53.166394	-0.680345	17.00	3.50	20.50
13	53.166741	-0.680410	16.40	3.50	19.90
14	53.166831	-0.679530	17.48	3.50	20.98
15	53.167320	-0.679659	17.17	3.50	20.67
16	53.167564	-0.677277	20.64	3.50	24.14
17	53.166522	-0.676741	20.78	3.50	24.28
18	53.164593	-0.675024	20.02	3.50	23.52
19	53.163010	-0.673672	18.14	3.50	21.64
20	53.162869	-0.672857	19.04	3.50	22.54
21	53.163088	-0.672084	19.80	3.50	23.30
22	53.163679	-0.671333	23.18	3.50	26.68
23	53.165403	-0.672857	27.63	3.50	31.13
24	53.165648	-0.671870	30.61	3.50	34.11
25	53.166458	-0.671269	32.00	3.50	35.50
26	53.166857	-0.671569	31.99	3.50	35.49
27	53.167847	-0.667406	24.66	3.50	28.16
28	53.169468	-0.666720	25.10	3.50	28.60
29	53.169031	-0.668608	27.89	3.50	31.39
30	53.169198	-0.670067	30.98	3.50	34.48
31	53.169982	-0.673629	26.94	3.50	30.44
32	53.170246	-0.673758	26.58	3.50	30.08
33	53.171294	-0.673125	28.40	3.50	31.90
34	53.171745	-0.672299	30.82	3.50	34.32
35	53.172105	-0.674048	26.50	3.50	30.00
36	53.171674	-0.675957	22.65	3.50	26.15
37	53.171507	-0.677599	22.08	3.50	25.58
38	53.171629	-0.678414	22.99	3.50	26.49
39	53.171918	-0.678833	24.21	3.50	27.71
40	53.171809	-0.679283	22.62	3.50	26.12
41	53.171449	-0.679391	20.48	3.50	23.98
42	53.170838	-0.677985	18.51	3.50	22.01
43	53.170593	-0.678028	17.96	3.50	21.46
44	53.170606	-0.678200	17.83	3.50	21.33
45	53.171372	-0.679906	19.18	3.50	22.68
46	53.171249	-0.681719	17.42	3.50	20.92
47	53.171378	-0.681955	17.27	3.50	20.77
48	53.171333	-0.682395	16.56	3.50	20.06
49	53.171597	-0.682502	16.79	3.50	20.29
50	53.173384	-0.681622	18.75	3.50	22.25

Name: PV array 10
Footprint area: 185,320 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.150798	-0.633966	8.64	3.50	12.14
2	53.150219	-0.635436	8.34	3.50	11.84
3	53.150026	-0.636744	8.28	3.50	11.78
4	53.148983	-0.636744	9.89	3.50	13.39
5	53.148803	-0.636862	10.13	3.50	13.63
6	53.148829	-0.637045	9.76	3.50	13.26
7	53.147420	-0.637957	10.19	3.50	13.69
8	53.146461	-0.637796	10.65	3.50	14.15
9	53.146126	-0.637302	11.44	3.50	14.94
10	53.145875	-0.635146	9.74	3.50	13.24
11	53.145566	-0.635264	9.14	3.50	12.64
12	53.145451	-0.635843	9.42	3.50	12.92
13	53.145142	-0.635951	9.94	3.50	13.44
14	53.144987	-0.634910	11.54	3.50	15.04
15	53.144637	-0.634278	12.00	3.50	15.50
16	53.143968	-0.633344	12.41	3.50	15.91
17	53.144200	-0.633280	11.84	3.50	15.34
18	53.144953	-0.632754	9.97	3.50	13.47
19	53.145828	-0.631949	10.31	3.50	13.81
20	53.146497	-0.631509	11.15	3.50	14.65
21	53.147668	-0.633848	12.51	3.50	16.01
22	53.148395	-0.633344	12.81	3.50	16.31
23	53.148254	-0.632947	13.08	3.50	16.58
24	53.148910	-0.632035	13.05	3.50	16.55
25	53.149148	-0.632604	13.03	3.50	16.53
26	53.149631	-0.631853	12.49	3.50	15.99

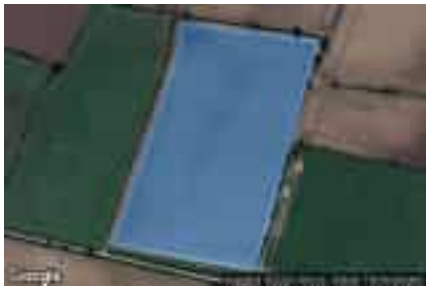
Name: PV array 11
Footprint area: 717,731 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.148506	-0.631749	13.14	3.50	16.64
2	53.147850	-0.632704	12.97	3.50	16.47
3	53.147683	-0.632715	12.37	3.50	15.87
4	53.146640	-0.630945	11.20	3.50	14.70
5	53.146396	-0.630848	12.22	3.50	15.72
6	53.145637	-0.631266	12.28	3.50	15.78
7	53.144343	-0.632565	11.04	3.50	14.54
8	53.142046	-0.627951	13.11	3.50	16.61
9	53.141524	-0.626084	12.34	3.50	15.84
10	53.138596	-0.627329	13.83	3.50	17.33
11	53.138454	-0.627232	13.48	3.50	16.98
12	53.137051	-0.628370	12.96	3.50	16.46
13	53.137154	-0.629056	13.21	3.50	16.71
14	53.135919	-0.628649	14.19	3.50	17.69
15	53.135771	-0.627640	12.78	3.50	16.28
16	53.134593	-0.628456	13.03	3.50	16.53
17	53.134464	-0.624700	12.77	3.50	16.27
18	53.134618	-0.624700	12.76	3.50	16.26
19	53.134631	-0.624990	12.76	3.50	16.26
20	53.135655	-0.624947	12.58	3.50	16.08
21	53.135758	-0.626331	11.86	3.50	15.36
22	53.136112	-0.626567	11.92	3.50	15.42
23	53.136549	-0.625162	10.74	3.50	14.24
24	53.136717	-0.625055	10.13	3.50	13.63
25	53.136652	-0.624636	10.38	3.50	13.88
26	53.137450	-0.624089	10.03	3.50	13.53
27	53.135830	-0.616790	7.11	3.50	10.61
28	53.136200	-0.615960	6.99	3.50	10.49
29	53.137240	-0.614930	7.15	3.50	10.65
30	53.137620	-0.615710	7.24	3.50	10.74
31	53.137860	-0.615550	7.38	3.50	10.88
32	53.137990	-0.614790	7.14	3.50	10.64
33	53.139105	-0.617426	7.93	3.50	11.43
34	53.139800	-0.619754	11.05	3.50	14.55
35	53.141717	-0.618682	9.38	3.50	12.88
36	53.142129	-0.620227	11.21	3.50	14.71
37	53.142007	-0.620323	10.80	3.50	14.30
38	53.142541	-0.622211	11.19	3.50	14.69
39	53.144034	-0.620784	11.76	3.50	15.26
40	53.144607	-0.623563	11.92	3.50	15.42
41	53.145591	-0.624582	12.63	3.50	16.13
42	53.145044	-0.625248	12.90	3.50	16.40
43	53.145077	-0.625666	12.28	3.50	15.78
44	53.146634	-0.628348	11.72	3.50	15.22
45	53.146808	-0.628220	12.16	3.50	15.66
46	53.148268	-0.630762	12.11	3.50	15.61
47	53.148101	-0.631030	11.92	3.50	15.42

Name: PV array 12
Footprint area: 73,115 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.136228	-0.613414	8.07	3.50	11.57
2	53.135854	-0.613478	8.46	3.50	11.96
3	53.133222	-0.614980	9.82	3.50	13.32
4	53.132887	-0.611772	10.64	3.50	14.14
5	53.135977	-0.610335	9.13	3.50	12.63

Name: PV array 13
Footprint area: 737,153 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.135585	-0.658160	11.48	3.50	14.98
2	53.136461	-0.665906	14.75	3.50	18.25
3	53.130642	-0.667945	14.56	3.50	18.06
4	53.130333	-0.666357	13.81	3.50	17.31
5	53.128440	-0.666872	14.86	3.50	18.36
6	53.128582	-0.668717	14.77	3.50	18.27
7	53.128273	-0.668782	14.57	3.50	18.07
8	53.128131	-0.667301	14.49	3.50	17.99
9	53.125730	-0.667666	13.07	3.50	16.57
10	53.125710	-0.667945	12.94	3.50	16.44
11	53.124455	-0.667505	13.19	3.50	16.69
12	53.124558	-0.666711	12.70	3.50	16.20
13	53.123380	-0.665788	11.31	3.50	14.81
14	53.123457	-0.665370	11.00	3.50	14.50
15	53.123122	-0.665220	12.04	3.50	15.54
16	53.123476	-0.663514	13.15	3.50	16.65
17	53.124365	-0.661776	13.29	3.50	16.79
18	53.124571	-0.660832	13.96	3.50	17.46
19	53.125067	-0.660220	13.10	3.50	16.60
20	53.126410	-0.656650	11.66	3.50	15.16
21	53.126650	-0.656260	11.38	3.50	14.88
22	53.126960	-0.656270	11.65	3.50	15.15
23	53.127180	-0.656070	12.25	3.50	15.75
24	53.127600	-0.659050	12.08	3.50	15.58
25	53.128790	-0.658920	13.52	3.50	17.02
26	53.129280	-0.661440	14.94	3.50	18.44
27	53.131090	-0.659840	14.90	3.50	18.40
28	53.131520	-0.659500	14.40	3.50	17.90
29	53.132320	-0.658860	12.70	3.50	16.20
30	53.133270	-0.657930	12.71	3.50	16.21
31	53.133345	-0.658664	11.01	3.50	14.51

Name: PV array 14
Footprint area: 209,666 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132660	-0.653180	10.42	3.50	13.92
2	53.132070	-0.653360	10.23	3.50	13.73
3	53.131511	-0.653075	11.28	3.50	14.78
4	53.130770	-0.652409	10.38	3.50	13.88
5	53.130352	-0.650049	9.94	3.50	13.44
6	53.130095	-0.649556	9.85	3.50	13.35
7	53.130275	-0.649255	10.71	3.50	14.21
8	53.132390	-0.648020	11.38	3.50	14.88
9	53.133030	-0.650850	12.19	3.50	15.69
9	53.133030	-0.650850	12.19	3.50	15.69
9	53.133030	-0.650850	12.19	3.50	15.69
9	53.133030	-0.650850	12.19	3.50	15.69
9	53.133030	-0.650850	12.19	3.50	15.69
9	53.133030	-0.650850	12.19	3.50	15.69
9	53.133030	-0.650850	12.19	3.50	15.69
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08

17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38

Name: PV array 15
Footprint area: 78,226 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132772	-0.647378	9.94	3.50	13.44
2	53.130056	-0.648847	10.80	3.50	14.30
3	53.129882	-0.649255	9.89	3.50	13.39
4	53.129303	-0.648847	10.80	3.50	14.30
5	53.128942	-0.648858	10.87	3.50	14.37
6	53.128884	-0.648418	11.51	3.50	15.01
7	53.128311	-0.648386	11.43	3.50	14.93
8	53.128105	-0.646884	11.40	3.50	14.90
9	53.130622	-0.645758	10.83	3.50	14.33
10	53.130700	-0.646122	11.65	3.50	15.15
11	53.131298	-0.645768	10.18	3.50	13.68
12	53.132410	-0.645330	9.00	3.50	12.50

Name: PV array 2
Footprint area: 606,601 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.179699	-0.666763	17.74	3.50	21.24
2	53.179108	-0.670067	20.15	3.50	23.65
3	53.176523	-0.668029	19.69	3.50	23.19
4	53.174220	-0.666891	26.06	3.50	29.56
5	53.174465	-0.660669	17.80	3.50	21.30
6	53.172497	-0.660755	16.16	3.50	19.66
7	53.172510	-0.661355	17.14	3.50	20.64
8	53.172960	-0.661484	17.29	3.50	20.79
9	53.173230	-0.666677	24.28	3.50	27.78
10	53.172175	-0.666226	20.97	3.50	24.47
11	53.171823	-0.664919	19.69	3.50	23.19
12	53.171714	-0.664865	19.72	3.50	23.22
13	53.170968	-0.662526	18.08	3.50	21.58
14	53.170357	-0.661797	17.29	3.50	20.79
15	53.174293	-0.653523	13.69	3.50	17.19
16	53.178283	-0.655459	15.69	3.50	19.19
17	53.179363	-0.655588	13.41	3.50	16.91
18	53.178051	-0.662519	19.70	3.50	23.20
19	53.177884	-0.665737	19.63	3.50	23.13

Name: PV array 3
Footprint area: 679,847 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.162240	-0.675330	17.88	3.50	21.38
2	53.159340	-0.671810	16.96	3.50	20.46
3	53.159790	-0.670480	16.50	3.50	20.00
4	53.160860	-0.668250	17.83	3.50	21.33
5	53.160420	-0.666810	17.26	3.50	20.76
6	53.159450	-0.669110	15.52	3.50	19.02
7	53.159860	-0.669750	15.96	3.50	19.46
8	53.159140	-0.671710	16.90	3.50	20.40
9	53.158240	-0.670650	16.68	3.50	20.18
10	53.158390	-0.670070	16.02	3.50	19.52
11	53.157840	-0.668790	15.77	3.50	19.27
12	53.159770	-0.664130	19.42	3.50	22.92
13	53.159920	-0.664410	18.34	3.50	21.84
14	53.160980	-0.661830	24.57	3.50	28.07
15	53.161160	-0.662010	24.26	3.50	27.76
16	53.161290	-0.661640	25.76	3.50	29.26
17	53.161160	-0.661450	26.00	3.50	29.50
18	53.162190	-0.659350	26.37	3.50	29.87
19	53.162080	-0.658850	26.32	3.50	29.82
20	53.162650	-0.657690	27.46	3.50	30.96
21	53.165690	-0.658340	22.77	3.50	26.27
22	53.165920	-0.658980	21.27	3.50	24.77
23	53.166210	-0.659430	20.99	3.50	24.49
24	53.165960	-0.661020	21.23	3.50	24.73
25	53.167980	-0.662370	18.26	3.50	21.76
26	53.167650	-0.663320	18.23	3.50	21.73
27	53.167500	-0.667240	23.91	3.50	27.41
28	53.164620	-0.668620	26.56	3.50	30.06
29	53.164820	-0.669520	27.49	3.50	30.99
30	53.163160	-0.671190	20.73	3.50	24.23
31	53.162730	-0.672050	18.84	3.50	22.34
32	53.162570	-0.673160	18.39	3.50	21.89
33	53.162750	-0.673700	17.85	3.50	21.35
34	53.162650	-0.674340	17.02	3.50	20.52

Name: PV array 4
Footprint area: 539,807 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.172585	-0.642585	14.81	3.50	18.31
2	53.173512	-0.648335	13.73	3.50	17.23
3	53.168740	-0.657433	17.19	3.50	20.69
4	53.168530	-0.657412	16.94	3.50	20.44
5	53.168310	-0.657830	18.09	3.50	21.59
6	53.168300	-0.658730	18.04	3.50	21.54
6	53.168300	-0.658730	18.04	3.50	21.54
6	53.168300	-0.658730	18.04	3.50	21.54
6	53.168300	-0.658730	18.04	3.50	21.54
6	53.168300	-0.658730	18.04	3.50	21.54
6	53.168300	-0.658730	18.04	3.50	21.54
6	53.168300	-0.658730	18.04	3.50	21.54
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
8	53.165850	-0.657640	21.97	3.50	25.47
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
10	53.162740	-0.657270	27.18	3.50	30.68
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
12	53.166200	-0.654060	18.29	3.50	21.79
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
15	53.167980	-0.655110	18.44	3.50	21.94
16	53.169113	-0.651554	16.06	3.50	19.56
17	53.169113	-0.651060	15.41	3.50	18.91
18	53.168032	-0.650867	15.63	3.50	19.13
19	53.167955	-0.651597	16.07	3.50	19.57
20	53.167337	-0.651232	15.83	3.50	19.33
21	53.166077	-0.651103	19.26	3.50	22.76
22	53.166115	-0.650481	18.68	3.50	22.18
23	53.165961	-0.650181	19.78	3.50	23.28
24	53.168251	-0.644537	17.16	3.50	20.66
25	53.168920	-0.644687	16.30	3.50	19.80
26	53.170129	-0.644408	16.57	3.50	20.07
27	53.171132	-0.643754	15.25	3.50	18.75
28	53.171151	-0.643400	15.23	3.50	18.73

29	53.172000	-0.642681	14.97	3.50	18.47

Name: PV array 5
Footprint area: 85,119 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.175987	-0.638261	17.17	3.50	20.67
2	53.175962	-0.637317	17.32	3.50	20.82
3	53.175704	-0.636180	15.99	3.50	19.49
4	53.172039	-0.635257	10.34	3.50	13.84
5	53.170855	-0.638197	11.33	3.50	14.83
6	53.174251	-0.638304	12.30	3.50	15.80

Name: PV array 6
Footprint area: 178,317 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.167678	-0.644140	17.52	3.50	21.02
2	53.165556	-0.649011	19.39	3.50	22.89
3	53.164810	-0.644784	20.41	3.50	23.91
4	53.165350	-0.641716	16.27	3.50	19.77
5	53.163562	-0.640986	20.48	3.50	23.98
6	53.161902	-0.640643	22.38	3.50	25.88
7	53.159226	-0.640385	15.78	3.50	19.28
8	53.159329	-0.638197	13.14	3.50	16.64
9	53.162726	-0.638883	20.72	3.50	24.22
10	53.164115	-0.639205	17.21	3.50	20.71
11	53.165183	-0.639763	14.44	3.50	17.94
12	53.165800	-0.640707	14.81	3.50	18.31
13	53.166366	-0.642209	16.10	3.50	19.60
14	53.166971	-0.643282	16.63	3.50	20.13

Name: PV array 7
Footprint area: 492,032 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.164655	-0.651071	23.57	3.50	27.07
2	53.164218	-0.652101	24.34	3.50	27.84
3	53.163588	-0.652015	24.43	3.50	27.93
4	53.163575	-0.652466	24.10	3.50	27.60
5	53.163883	-0.652809	24.86	3.50	28.36
6	53.162790	-0.655406	26.04	3.50	29.54
7	53.162404	-0.655148	26.50	3.50	30.00
8	53.162082	-0.655835	27.39	3.50	30.89
9	53.162263	-0.656543	27.11	3.50	30.61
10	53.161516	-0.658324	26.25	3.50	29.75
11	53.158776	-0.654054	22.55	3.50	26.05
12	53.156879	-0.652104	18.45	3.50	21.95
13	53.156840	-0.650806	17.85	3.50	21.35
14	53.156634	-0.650474	16.75	3.50	20.25
15	53.155412	-0.650935	12.99	3.50	16.49
16	53.155245	-0.650441	12.47	3.50	15.97
17	53.154428	-0.650484	11.62	3.50	15.12
18	53.152317	-0.650581	10.82	3.50	14.32
19	53.151545	-0.650656	11.68	3.50	15.18
20	53.151481	-0.651761	11.49	3.50	14.99
21	53.151159	-0.651729	12.56	3.50	16.06
22	53.151178	-0.650924	12.32	3.50	15.82
23	53.150863	-0.650624	12.97	3.50	16.47
24	53.149042	-0.650581	13.39	3.50	16.89
25	53.149113	-0.652083	14.82	3.50	18.32
26	53.147459	-0.652115	10.92	3.50	14.42
27	53.147762	-0.654604	14.65	3.50	18.15
28	53.146730	-0.654770	11.29	3.50	14.79
29	53.146710	-0.654450	10.79	3.50	14.29
30	53.146660	-0.653930	9.99	3.50	13.49
31	53.146560	-0.653210	9.32	3.50	12.82
32	53.146500	-0.652650	9.65	3.50	13.15
33	53.146620	-0.652540	9.69	3.50	13.19
34	53.146670	-0.652330	9.64	3.50	13.14
35	53.146500	-0.650990	8.94	3.50	12.44
36	53.146830	-0.651060	9.07	3.50	12.57
37	53.147220	-0.650840	9.43	-3.50	5.93
38	53.147530	-0.650195	9.95	3.50	13.45
39	53.148058	-0.647824	10.34	3.50	13.84
40	53.149293	-0.647502	11.75	3.50	15.25
41	53.149364	-0.647008	11.40	3.50	14.90
42	53.149004	-0.645163	9.84	3.50	13.34
43	53.149068	-0.644702	10.07	3.50	13.57
44	53.149589	-0.644659	10.09	3.50	13.59
45	53.150246	-0.645152	10.47	3.50	13.97
46	53.150709	-0.646118	10.77	3.50	14.27
47	53.150861	-0.646854	11.55	3.50	15.05
48	53.152186	-0.646683	10.55	3.50	14.05
49	53.152302	-0.648378	10.85	3.50	14.35
50	53.152559	-0.648356	11.03	3.50	14.53
51	53.152650	-0.647820	11.33	3.50	14.83
52	53.152843	-0.647562	10.51	3.50	14.01
53	53.152984	-0.648185	10.54	3.50	14.04
54	53.153396	-0.648850	10.72	3.50	14.22
55	53.153821	-0.649000	11.70	3.50	15.20
56	53.153821	-0.647176	11.57	3.50	15.07
57	53.157030	-0.647114	18.62	3.50	22.12
58	53.157911	-0.650923	21.21	3.50	24.71
59	53.159526	-0.650773	24.30	3.50	27.80
60	53.159841	-0.651545	25.93	3.50	29.43
61	53.160478	-0.652318	28.32	3.50	31.82
62	53.160542	-0.654142	27.00	3.50	30.50
63	53.161668	-0.654152	28.25	3.50	31.75
64	53.162003	-0.653691	27.32	3.50	30.82

65	53.161359	-0.652489	27.84	3.50	31.34
66	53.161314	-0.650848	28.23	3.50	31.73

Name: PV array 8
Footprint area: 15,661 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.149067	-0.644094	9.24	3.50	12.74
2	53.149505	-0.644029	9.82	3.50	13.32
3	53.149878	-0.644094	9.57	3.50	13.07
4	53.150888	-0.643353	9.27	3.50	12.77
5	53.150521	-0.642002	8.25	3.50	11.75
6	53.149871	-0.642806	8.50	3.50	12.00
7	53.149472	-0.642796	8.80	3.50	12.30
8	53.149215	-0.643192	8.74	3.50	12.24
9	53.149022	-0.644072	9.17	3.50	12.67

Name: PV array 9
Footprint area: 49,251 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.144976	-0.656696	12.95	3.50	16.45
2	53.143230	-0.656440	10.07	3.50	13.57
3	53.143170	-0.652900	8.94	3.50	12.44
4	53.143890	-0.652530	9.13	3.50	12.63
5	53.144200	-0.652530	9.20	3.50	12.70
6	53.144680	-0.653130	9.45	3.50	12.95
7	53.144910	-0.653050	9.39	3.50	12.89

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	53.169751	-0.643992	20.36	1.50	21.86
OP 2	53.166580	-0.641706	15.57	1.50	17.07
OP 3	53.165384	-0.639625	15.01	1.50	16.51
OP 4	53.163628	-0.638735	18.74	1.50	20.24
OP 5	53.161859	-0.638338	21.12	1.50	22.62
OP 6	53.160180	-0.637951	15.56	1.50	17.06
OP 7	53.158482	-0.637758	12.91	1.50	14.41
OP 8	53.156577	-0.638069	13.14	1.50	14.64
OP 9	53.154860	-0.638820	10.92	1.50	12.42
OP 10	53.153496	-0.639958	8.94	1.50	10.44
OP 11	53.153554	-0.642618	8.83	1.50	10.33
OP 12	53.151791	-0.643301	9.43	1.50	10.93
OP 13	53.150408	-0.644278	9.92	1.50	11.42
OP 14	53.148394	-0.644567	10.39	1.50	11.89
OP 15	53.146676	-0.644664	9.89	1.50	11.39
OP 16	53.144784	-0.644804	12.66	1.50	14.16
OP 17	53.142931	-0.645404	11.58	1.50	13.08
OP 18	53.142680	-0.648087	9.39	1.50	10.89
OP 19	53.142879	-0.651058	9.71	1.50	11.21
OP 20	53.142956	-0.654052	9.46	1.50	10.96
OP 21	53.143021	-0.657002	9.49	1.50	10.99
OP 22	53.143046	-0.659985	11.20	1.50	12.70
OP 23	53.143008	-0.662764	13.88	1.50	15.38
OP 24	53.142885	-0.665907	15.03	1.50	16.53
OP 25	53.143304	-0.668171	14.36	1.50	15.86
OP 26	53.144919	-0.668632	16.01	1.50	17.51
OP 27	53.146952	-0.669169	15.58	1.50	17.08
OP 28	53.148574	-0.669271	16.64	1.50	18.14
OP 29	53.142486	-0.670848	17.33	1.50	18.83
OP 30	53.142052	-0.673900	17.12	1.50	18.62
OP 31	53.141666	-0.676727	17.77	1.50	19.27
OP 32	53.169989	-0.642336	16.40	1.50	17.90
OP 33	53.159228	-0.636757	12.56	1.50	14.06
OP 34	53.158096	-0.634139	11.40	1.50	12.90
OP 35	53.156854	-0.632144	9.91	1.50	11.41
OP 36	53.156353	-0.630459	9.39	1.50	10.89
OP 37	53.155413	-0.628710	10.99	1.50	12.49
OP 38	53.153818	-0.627444	9.20	1.50	10.70
OP 39	53.152177	-0.626071	13.25	1.50	14.75
OP 40	53.155857	-0.636263	10.83	1.50	12.33
OP 41	53.156115	-0.633238	10.59	1.50	12.09
OP 42	53.156867	-0.627637	8.80	1.50	10.30
OP 43	53.157639	-0.625127	8.39	1.50	9.89
OP 44	53.159241	-0.624966	8.86	1.50	10.36
OP 45	53.161163	-0.624950	8.80	1.50	10.30
OP 46	53.162826	-0.624792	14.22	1.50	15.72
OP 47	53.141414	-0.645863	10.65	1.50	12.15
OP 48	53.139483	-0.645939	11.30	1.50	12.80
OP 49	53.137784	-0.645037	9.99	1.50	11.49
OP 50	53.135930	-0.645670	9.54	1.50	11.04
OP 51	53.134398	-0.646561	10.40	1.50	11.90
OP 52	53.134019	-0.643482	9.28	1.50	10.78
OP 53	53.133813	-0.640681	12.43	1.50	13.93
OP 54	53.133639	-0.637377	14.00	1.50	15.50
OP 55	53.132350	-0.638140	14.49	1.50	15.99
OP 56	53.153516	-0.617412	11.88	1.50	13.38
OP 57	53.153561	-0.620266	12.01	1.50	13.51
OP 58	53.152828	-0.622315	12.74	1.50	14.24
OP 59	53.153014	-0.619590	12.15	1.50	13.65
OP 60	53.152493	-0.622616	12.28	1.50	13.78
OP 61	53.151844	-0.625105	12.95	1.50	14.45
OP 62	53.151155	-0.627873	12.61	1.50	14.11
OP 63	53.150106	-0.630158	14.38	1.50	15.88

OP 64	53.148607	-0.632089	13.51	1.50	15.01
OP 65	53.147166	-0.632325	12.09	1.50	13.59
OP 66	53.145840	-0.631617	12.50	1.50	14.00
OP 67	53.144193	-0.633001	11.99	1.50	13.49
OP 68	53.142616	-0.633130	12.20	1.50	13.70
OP 69	53.140808	-0.633291	11.00	1.50	12.50
OP 70	53.138928	-0.633312	13.22	1.50	14.72
OP 71	53.137477	-0.632491	13.97	1.50	15.47
OP 72	53.135873	-0.633133	14.25	1.50	15.75
OP 73	53.134167	-0.633839	13.99	1.50	15.49

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
PV array 1	5.0	180.0	54,370	0	-	-
PV array 10	5.0	180.0	40,672	10,764	-	-
PV array 11	5.0	180.0	25,968	4,668	-	-
PV array 12	5.0	180.0	4,219	0	-	-
PV array 13	5.0	180.0	2,551	0	-	-
PV array 14	5.0	180.0	5,065	1,349	-	-
PV array 15	5.0	180.0	562	0	-	-
PV array 2	5.0	180.0	25,230	4,515	-	-
PV array 3	5.0	180.0	47,369	0	-	-
PV array 4	5.0	180.0	38,092	3,668	-	-
PV array 5	5.0	180.0	6,510	2,587	-	-
PV array 6	5.0	180.0	25,131	2,015	-	-
PV array 7	5.0	180.0	115,120	9,484	-	-
PV array 8	5.0	180.0	15,348	91	-	-
PV array 9	5.0	180.0	20,545	2,168	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
pv-array-1 (green)	0	0	30	236	461	560	518	314	74	0	0	0
pv-array-1 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-10 (green)	0	298	658	1251	1369	1369	1445	1306	895	387	15	0
pv-array-10 (yellow)	0	51	497	637	998	1089	993	779	489	211	0	0
pv-array-11 (green)	0	0	1	147	341	409	386	217	18	0	0	0
pv-array-11 (yellow)	0	0	0	0	10	50	23	1	0	0	0	0
pv-array-12 (green)	0	0	185	492	0	0	0	324	355	0	0	0
pv-array-12 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-13 (green)	0	0	167	450	0	0	0	287	319	0	0	0
pv-array-13 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-14 (green)	0	0	0	139	378	425	420	223	12	0	0	0
pv-array-14 (yellow)	0	0	0	0	0	33	8	0	0	0	0	0
pv-array-15 (green)	0	0	196	82	0	0	0	0	284	0	0	0
pv-array-15 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-2 (green)	0	0	146	726	867	907	899	792	335	0	0	0
pv-array-2 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-3 (green)	0	0	3	159	387	491	439	235	23	0	0	0
pv-array-3 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-4 (green)	0	0	0	99	354	480	413	178	4	0	0	0
pv-array-4 (yellow)	0	0	0	3	5	8	13	5	0	0	0	0
pv-array-5 (green)	0	0	0	313	890	549	703	670	0	0	0	0
pv-array-5 (yellow)	0	0	0	0	334	692	548	0	0	0	0	0
pv-array-6 (green)	0	0	0	92	594	973	813	166	4	0	0	0
pv-array-6 (yellow)	0	0	0	4	13	9	6	8	0	0	0	0
pv-array-7 (green)	0	198	711	1038	1979	2019	2033	1354	763	388	0	0
pv-array-7 (yellow)	0	0	0	0	3	28	10	0	0	0	0	0
pv-array-8 (green)	0	0	226	863	1172	1287	1231	980	431	0	0	0
pv-array-8 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-9 (green)	0	0	133	828	1147	985	1122	960	322	0	0	0
pv-array-9 (yellow)	0	0	0	1	21	182	55	13	0	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

PV array 1 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	183	0
OP: OP 2	406	0
OP: OP 3	525	0
OP: OP 4	757	0
OP: OP 5	1094	0
OP: OP 6	1545	0
OP: OP 7	2040	0
OP: OP 8	1962	0
OP: OP 9	1805	0
OP: OP 10	1612	0
OP: OP 11	1527	0
OP: OP 12	1221	0
OP: OP 13	899	0

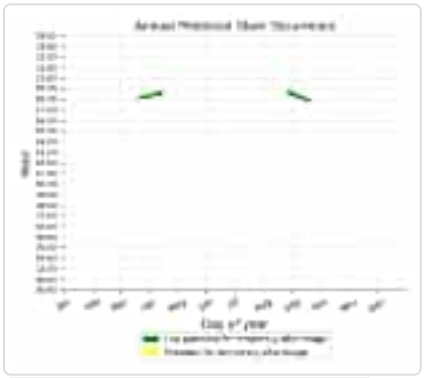
OP: OP 14	138	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	118	0
OP: OP 33	1782	0
OP: OP 34	1823	0
OP: OP 35	1914	0
OP: OP 36	1874	0
OP: OP 37	1856	0
OP: OP 38	1909	0
OP: OP 39	1794	0
OP: OP 40	1933	0
OP: OP 41	1976	0
OP: OP 42	1389	0
OP: OP 43	1077	0
OP: OP 44	864	0
OP: OP 45	586	0
OP: OP 46	499	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	1255	0
OP: OP 57	1594	0
OP: OP 58	1840	0
OP: OP 59	1657	0
OP: OP 60	1870	0
OP: OP 61	1819	0
OP: OP 62	1721	0
OP: OP 63	1568	0
OP: OP 64	1327	0
OP: OP 65	1140	0
OP: OP 66	990	0
OP: OP 67	481	0

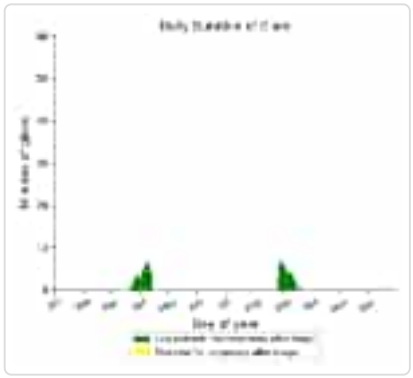
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0

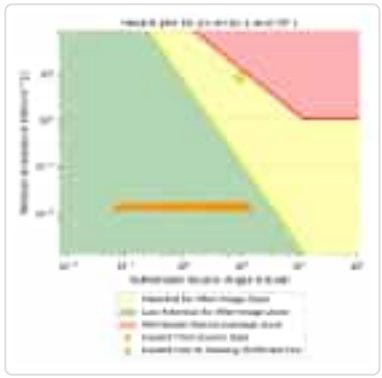
PV array 1: OP 1

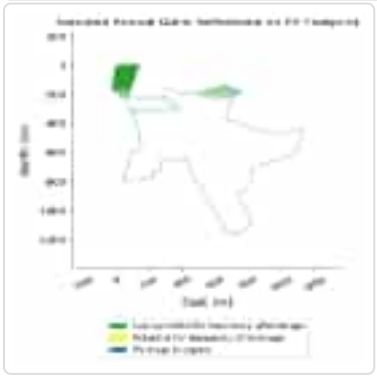
PV array is expected to produce the following glare for this receptor:

- 183 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





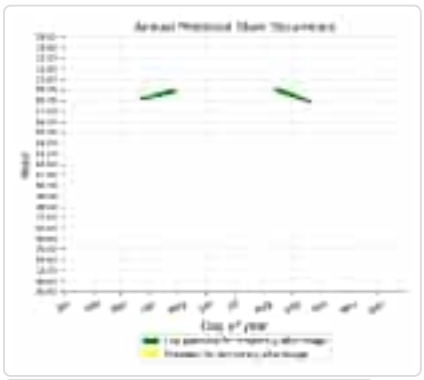


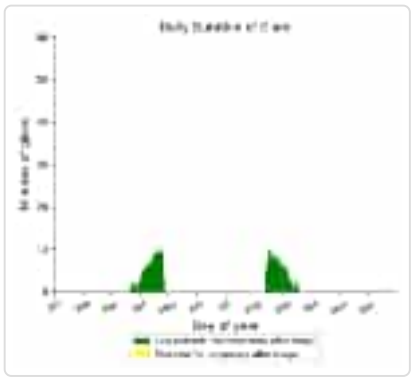


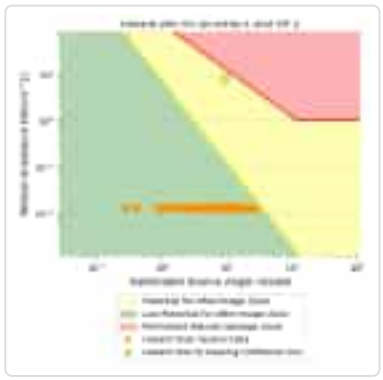
PV array 1: OP 2

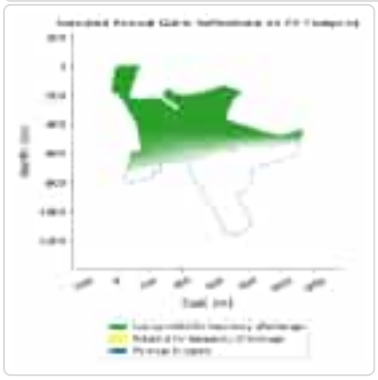
PV array is expected to produce the following glare for this receptor:

- 406 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





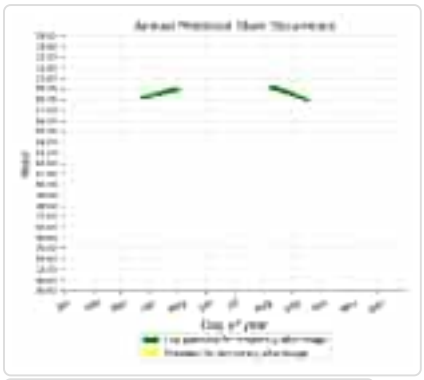


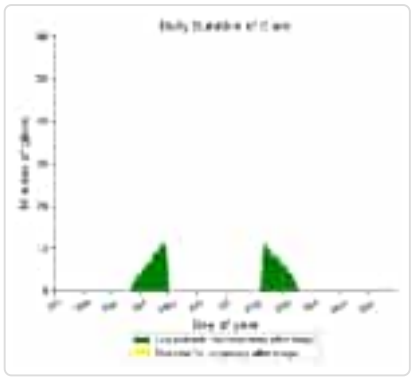


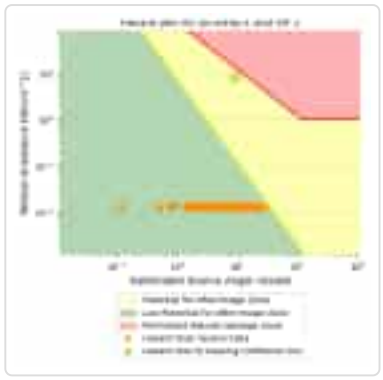
PV array 1: OP 3

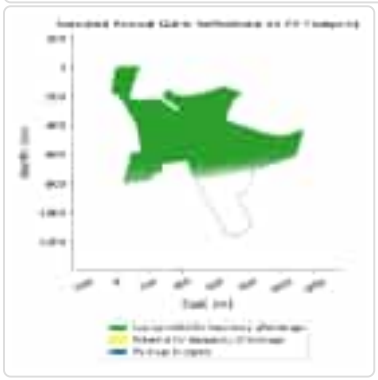
PV array is expected to produce the following glare for this receptor:

- 525 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





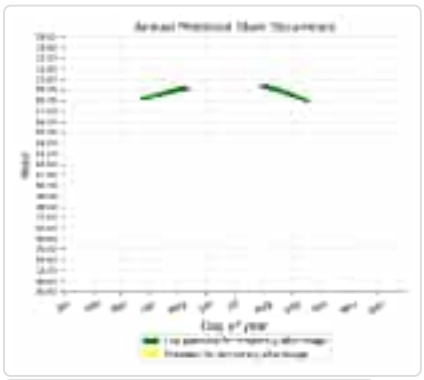


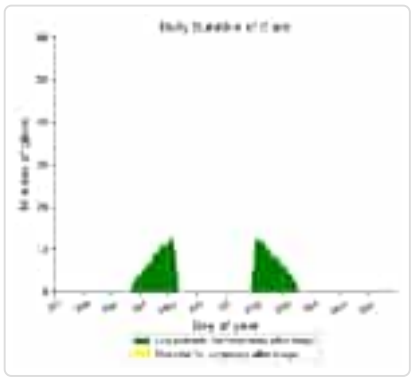


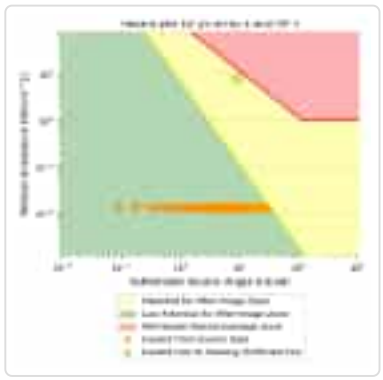
PV array 1: OP 4

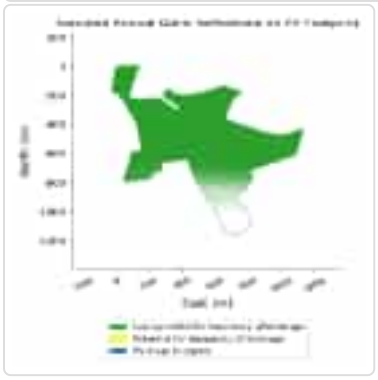
PV array is expected to produce the following glare for this receptor:

- 757 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





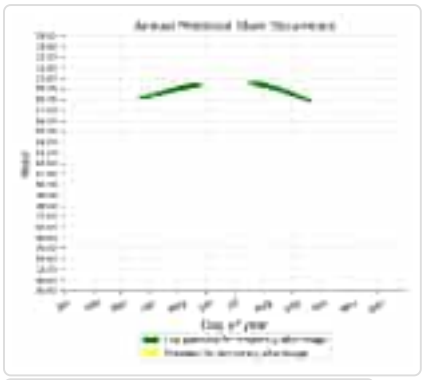


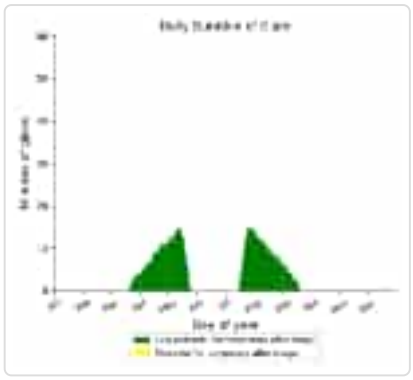


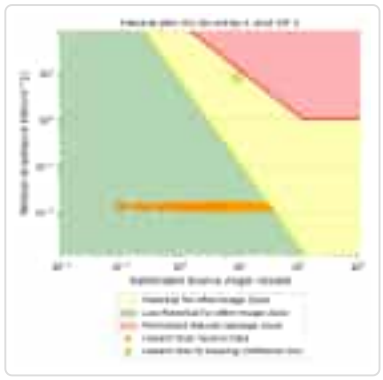
PV array 1: OP 5

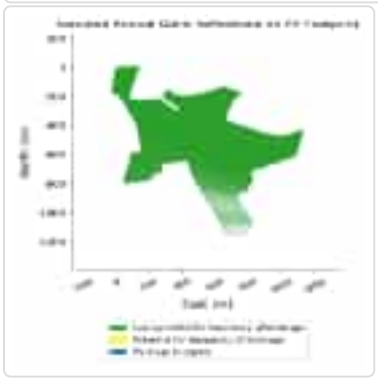
PV array is expected to produce the following glare for this receptor:

- 1,094 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





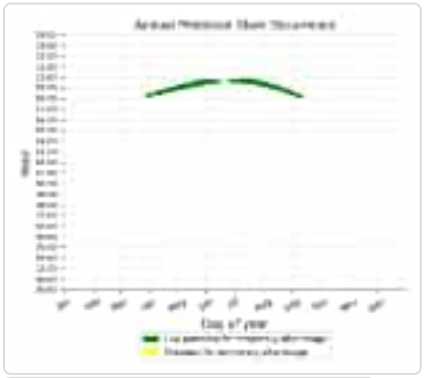


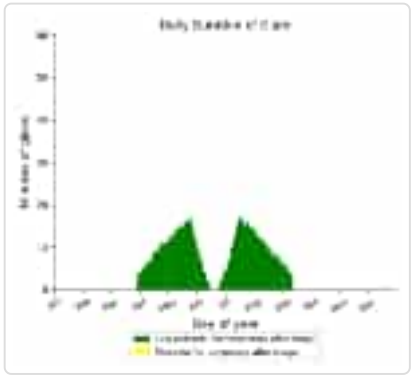


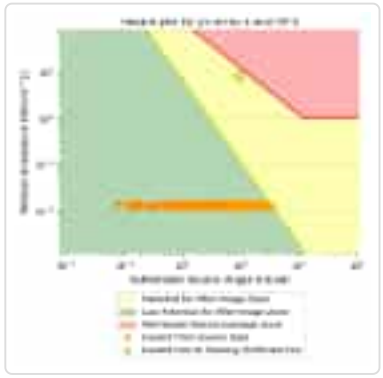
PV array 1: OP 6

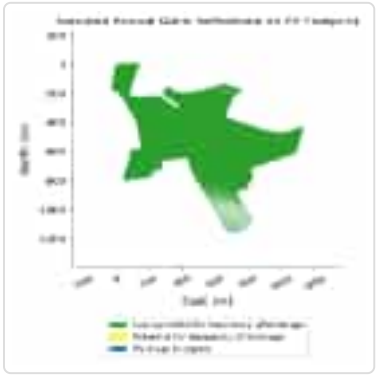
PV array is expected to produce the following glare for this receptor:

- 1,545 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





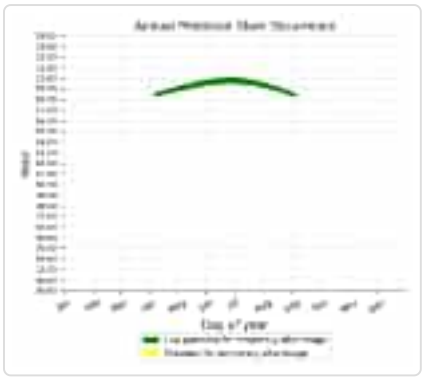


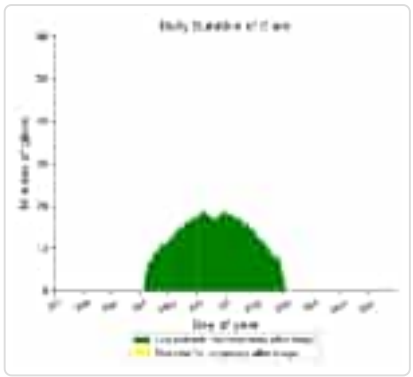


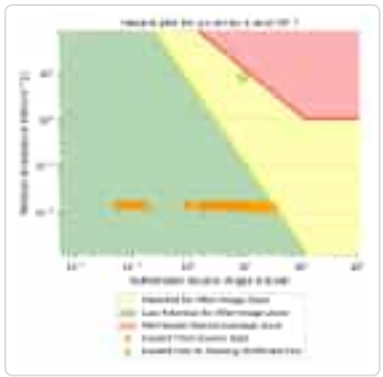
PV array 1: OP 7

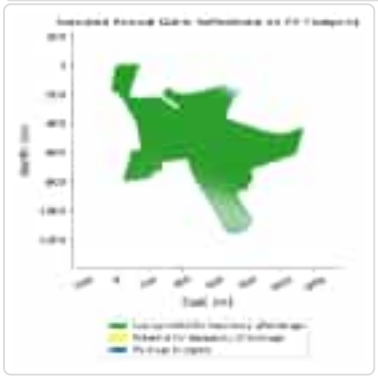
PV array is expected to produce the following glare for this receptor:

- 2,040 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





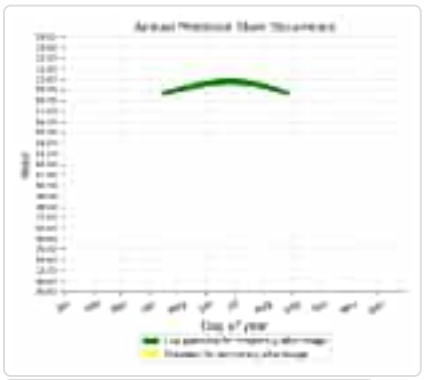


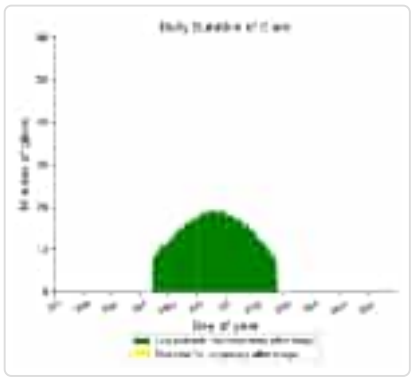


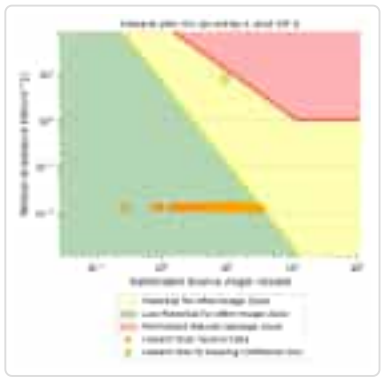
PV array 1: OP 8

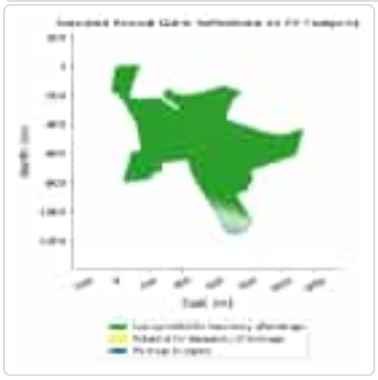
PV array is expected to produce the following glare for this receptor:

- 1,962 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





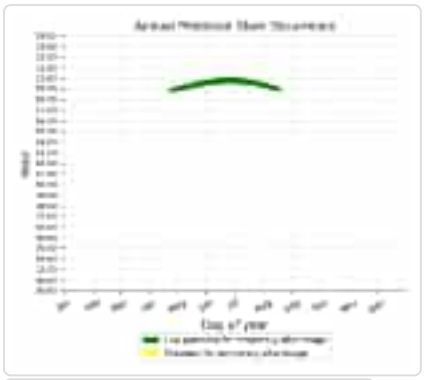


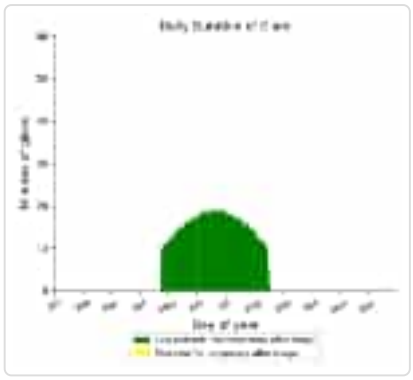


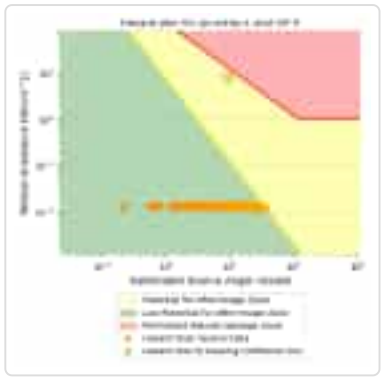
PV array 1: OP 9

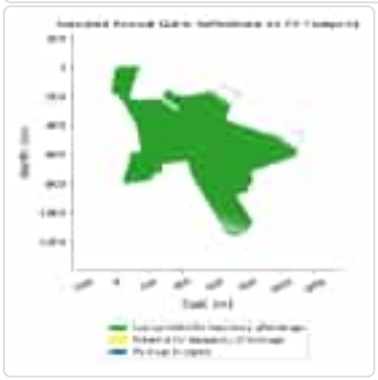
PV array is expected to produce the following glare for this receptor:

- 1,805 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





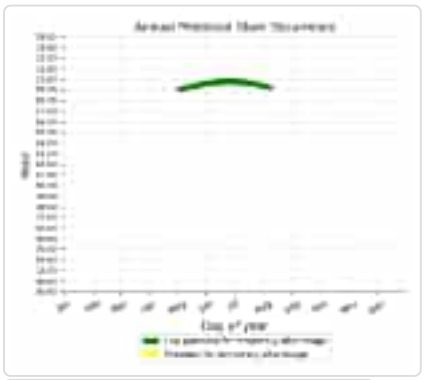


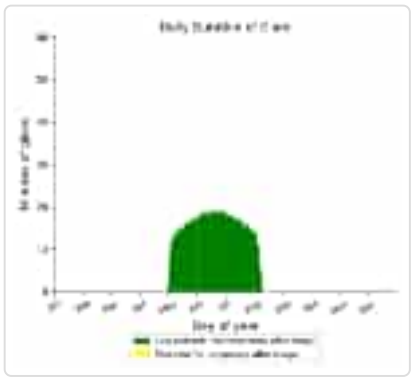


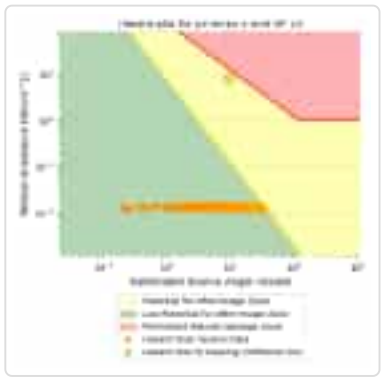
PV array 1: OP 10

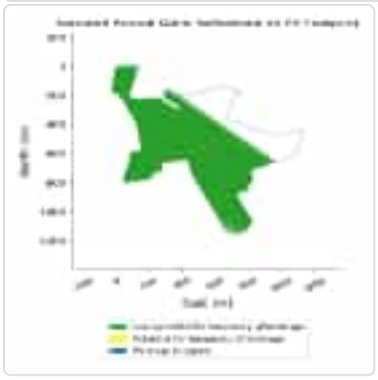
PV array is expected to produce the following glare for this receptor:

- 1,612 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





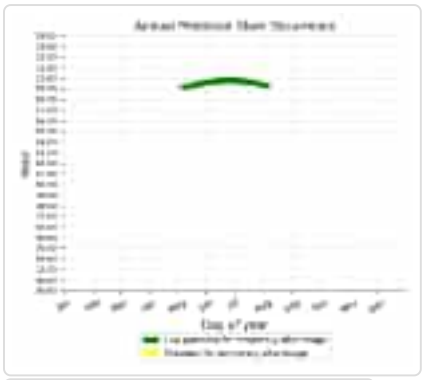


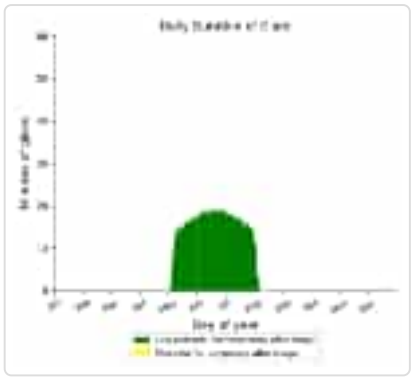


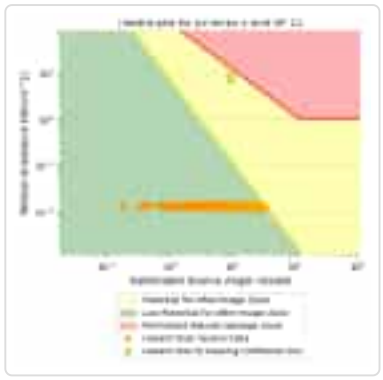
PV array 1: OP 11

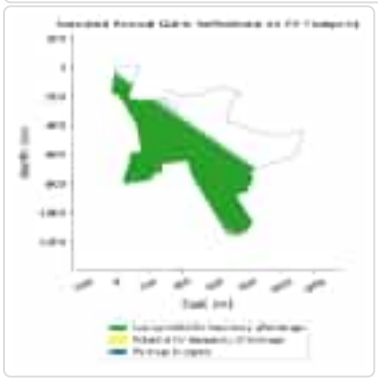
PV array is expected to produce the following glare for this receptor:

- 1,527 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





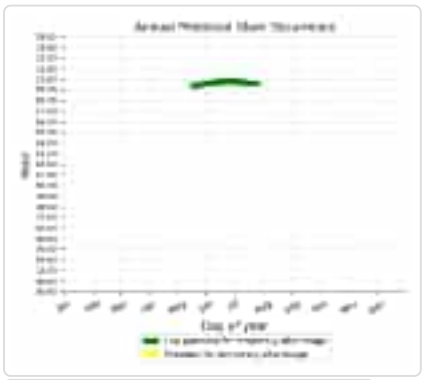


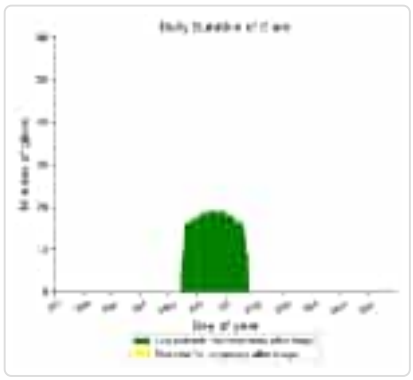


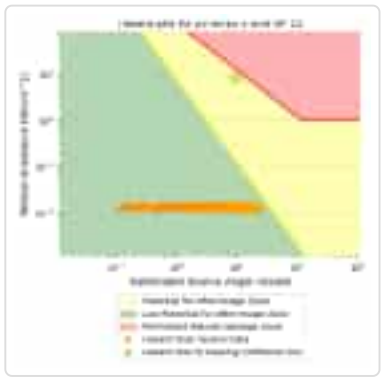
PV array 1: OP 12

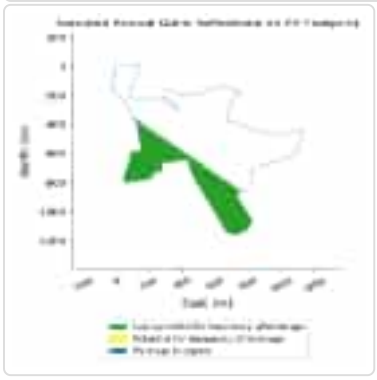
PV array is expected to produce the following glare for this receptor:

- 1,221 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





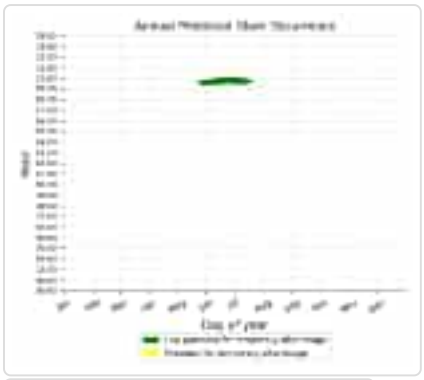


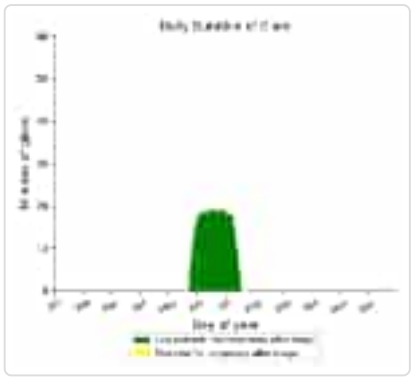


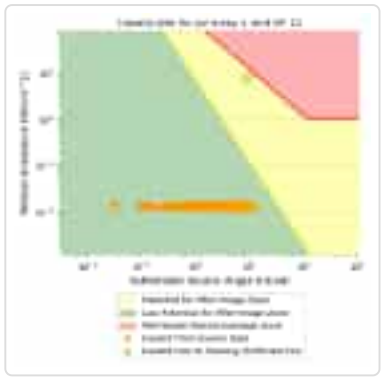
PV array 1: OP 13

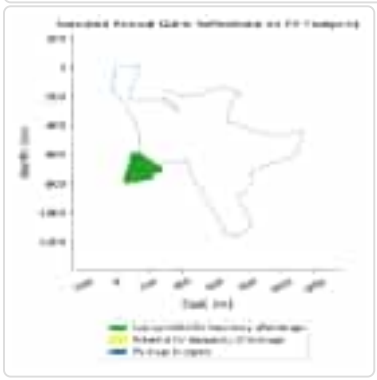
PV array is expected to produce the following glare for this receptor:

- 899 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





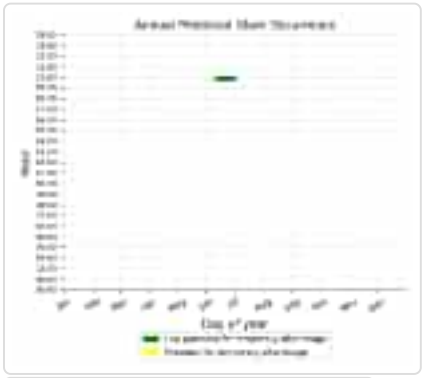


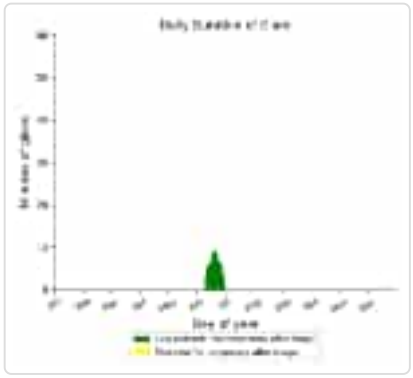


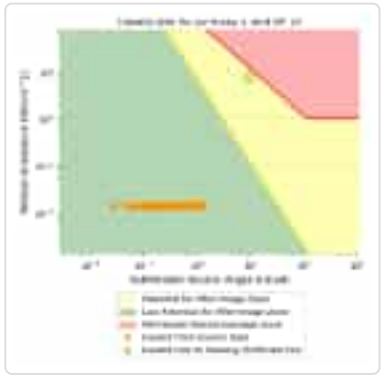
PV array 1: OP 14

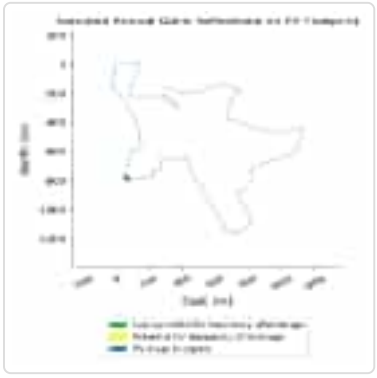
PV array is expected to produce the following glare for this receptor:

- 138 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 15

No glare found

PV array 1: OP 16

No glare found

PV array 1: OP 17

No glare found

PV array 1: OP 18

No glare found

PV array 1: OP 19

No glare found

PV array 1: OP 20

No glare found

PV array 1: OP 21

No glare found

PV array 1: OP 22

No glare found

PV array 1: OP 23

No glare found

PV array 1: OP 24

No glare found

PV array 1: OP 25

No glare found

PV array 1: OP 26

No glare found

PV array 1: OP 27

No glare found

PV array 1: OP 28

No glare found

PV array 1: OP 29

No glare found

PV array 1: OP 30

No glare found

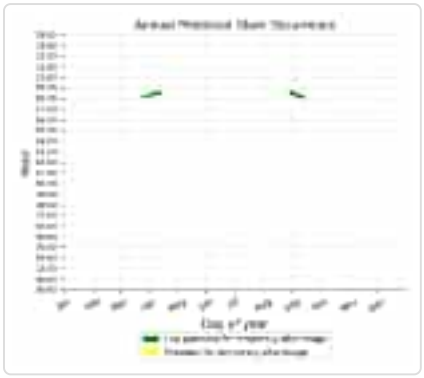
PV array 1: OP 31

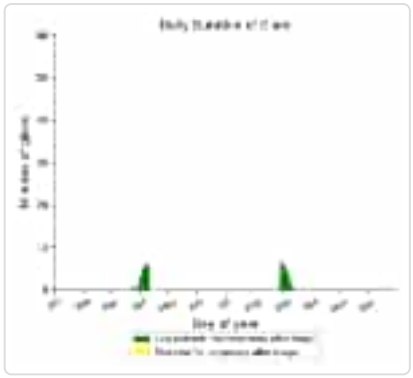
No glare found

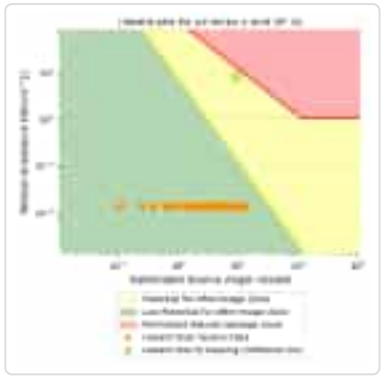
PV array 1: OP 32

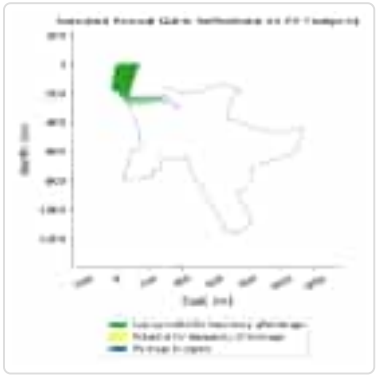
PV array is expected to produce the following glare for this receptor:

- 118 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





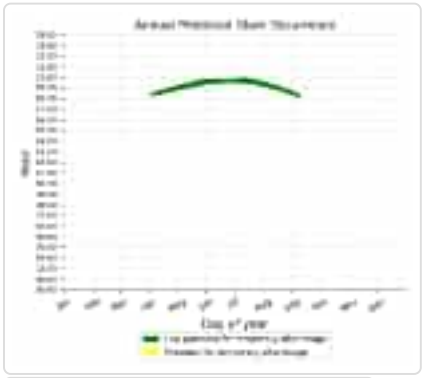


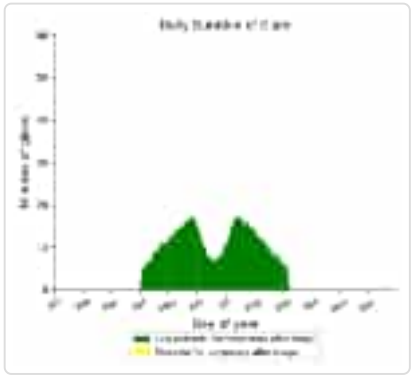


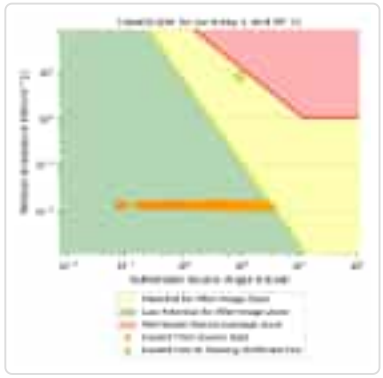
PV array 1: OP 33

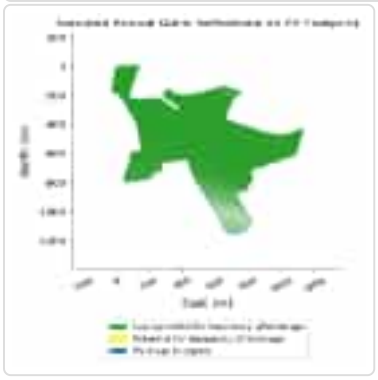
PV array is expected to produce the following glare for this receptor:

- 1,782 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





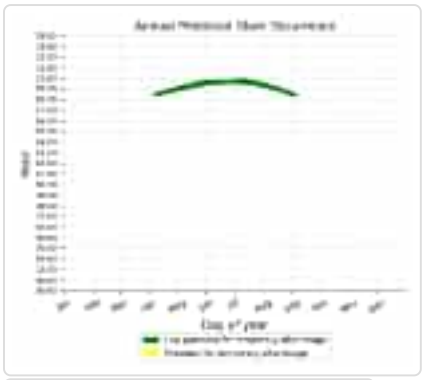


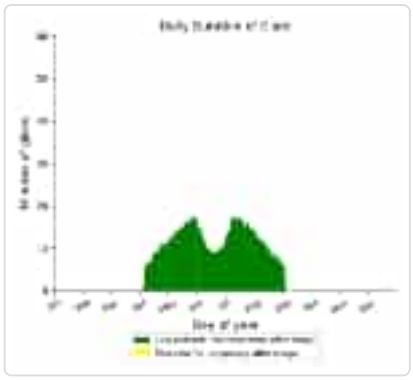


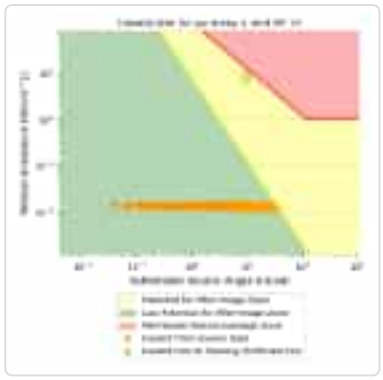
PV array 1: OP 34

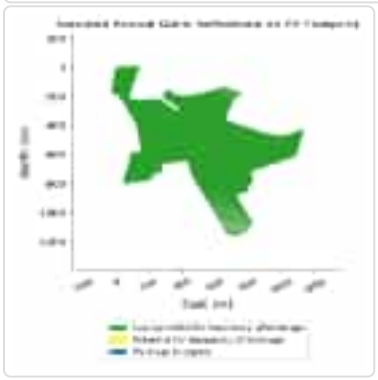
PV array is expected to produce the following glare for this receptor:

- 1,823 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





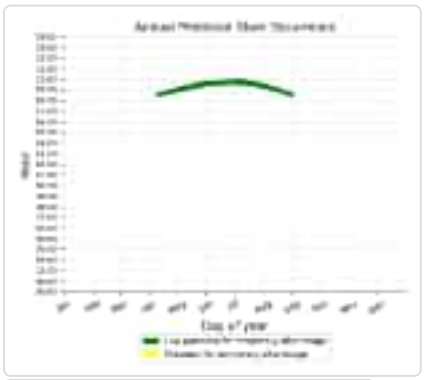


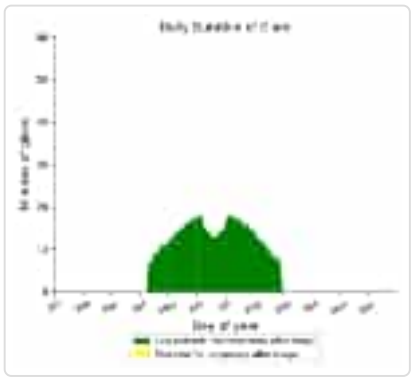


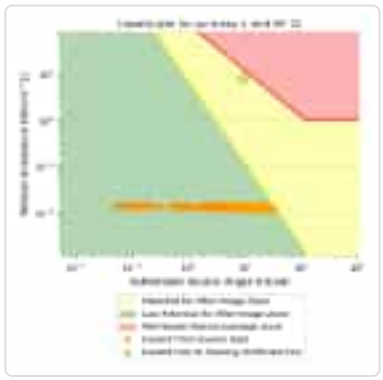
PV array 1: OP 35

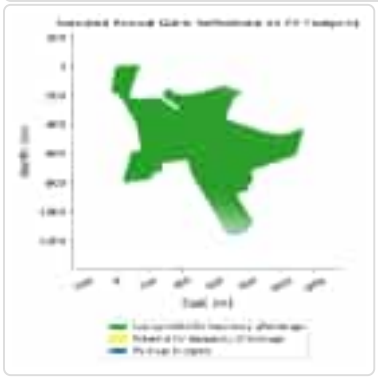
PV array is expected to produce the following glare for this receptor:

- 1,914 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





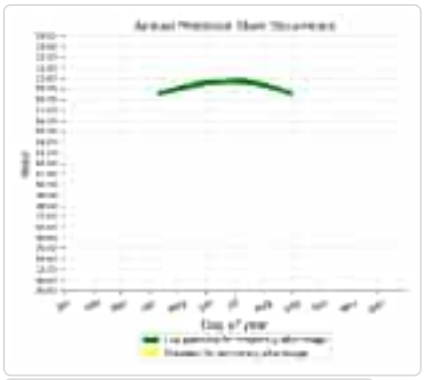


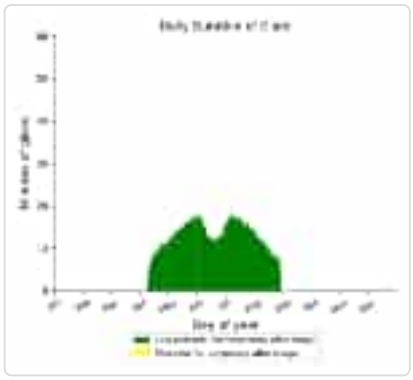


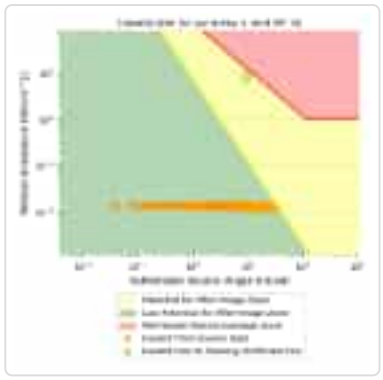
PV array 1: OP 36

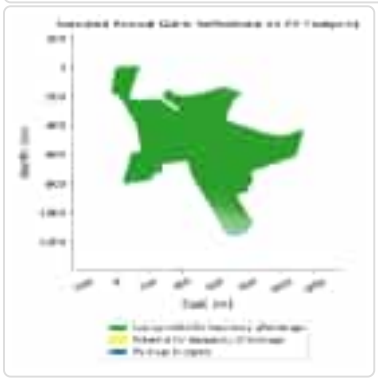
PV array is expected to produce the following glare for this receptor:

- 1,874 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





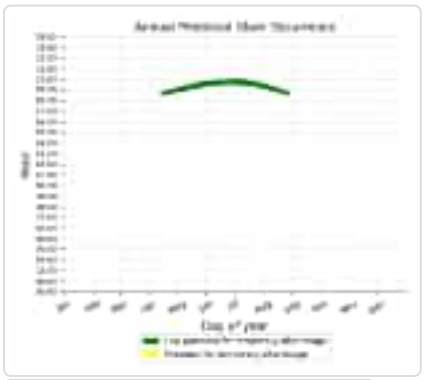


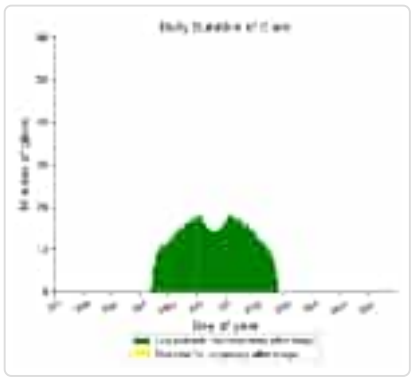


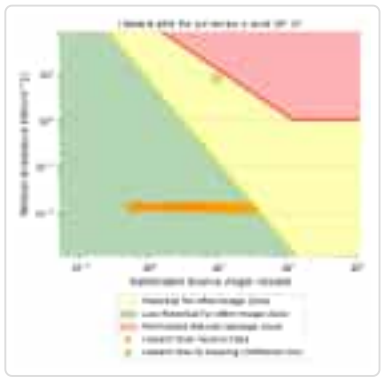
PV array 1: OP 37

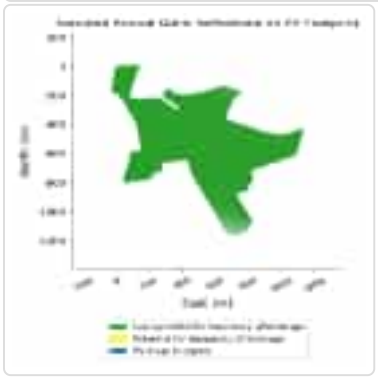
PV array is expected to produce the following glare for this receptor:

- 1,856 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





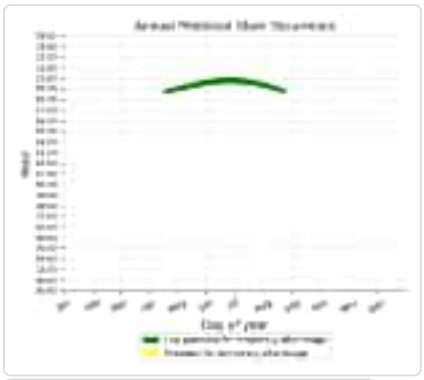


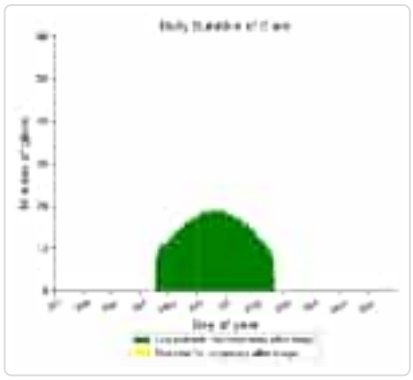


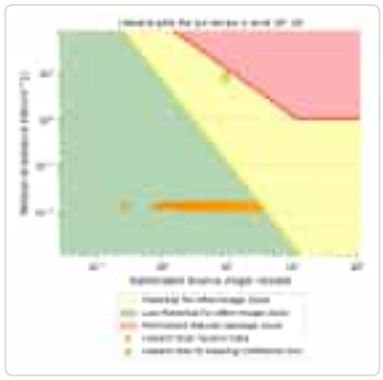
PV array 1: OP 38

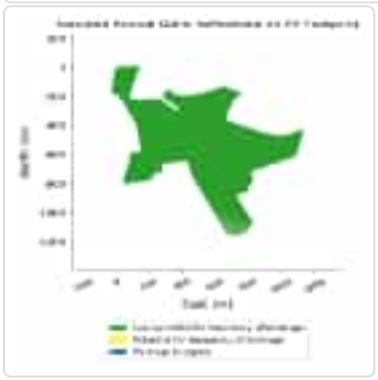
PV array is expected to produce the following glare for this receptor:

- 1,909 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





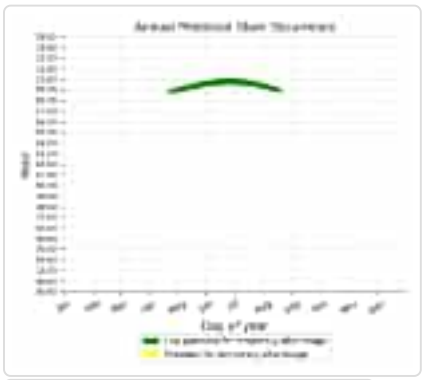


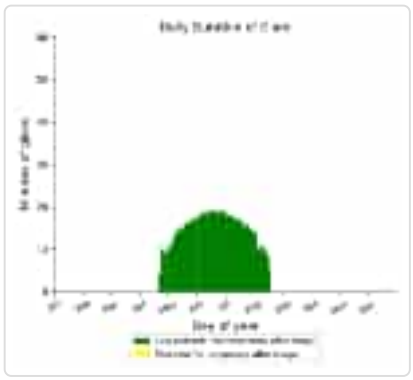


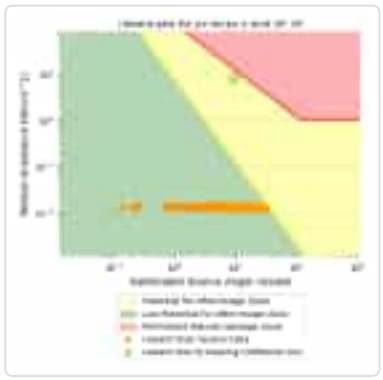
PV array 1: OP 39

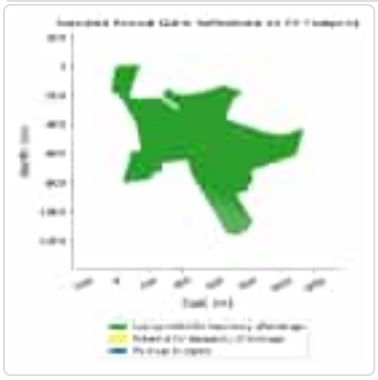
PV array is expected to produce the following glare for this receptor:

- 1,794 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





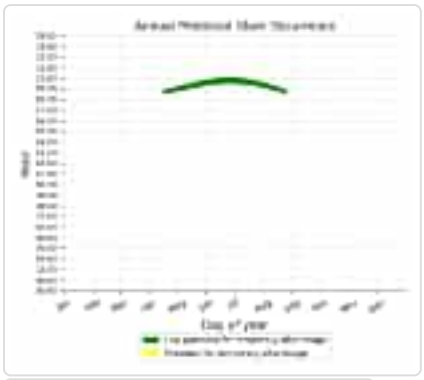


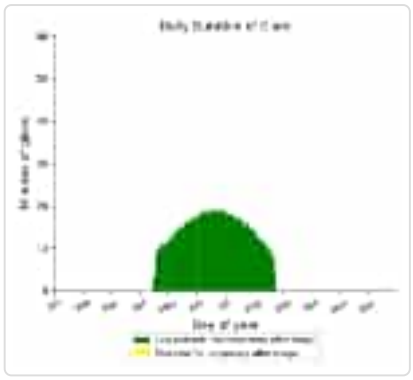


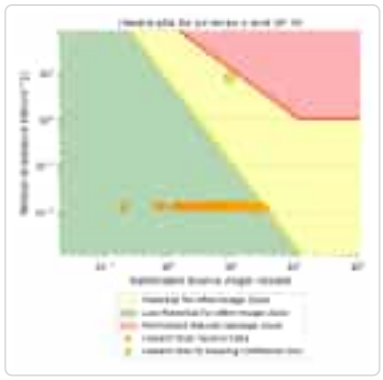
PV array 1: OP 40

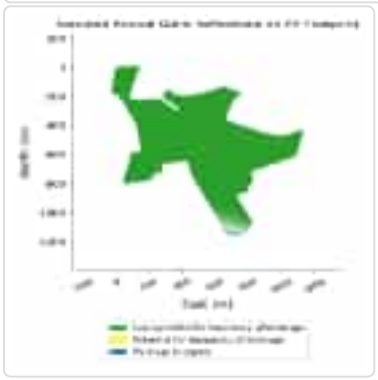
PV array is expected to produce the following glare for this receptor:

- 1,933 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





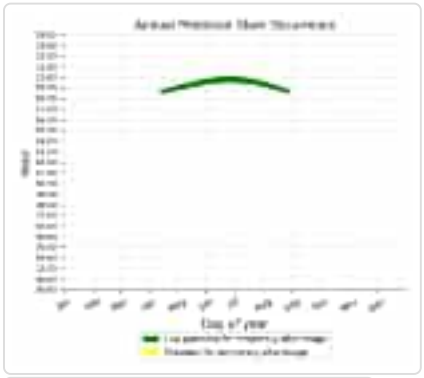


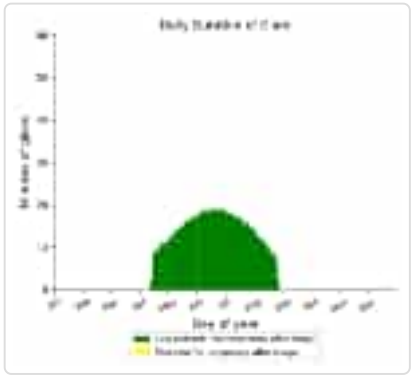


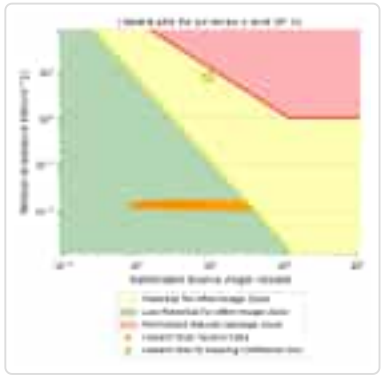
PV array 1: OP 41

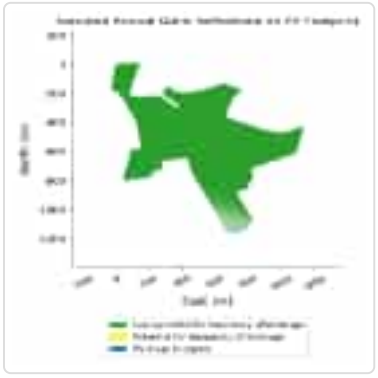
PV array is expected to produce the following glare for this receptor:

- 1,976 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





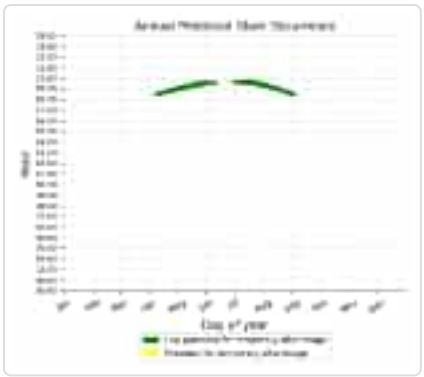


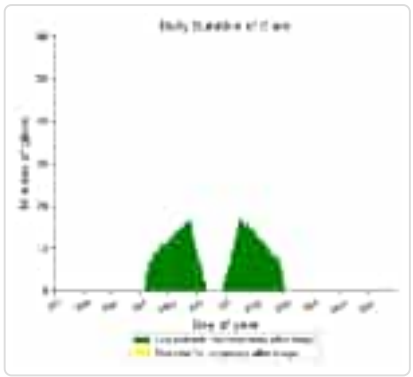


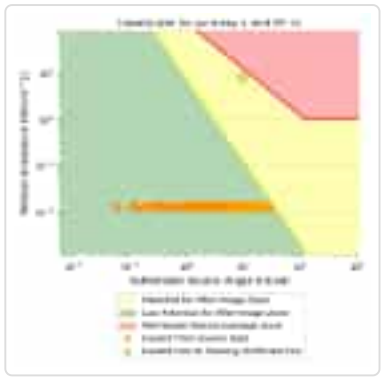
PV array 1: OP 42

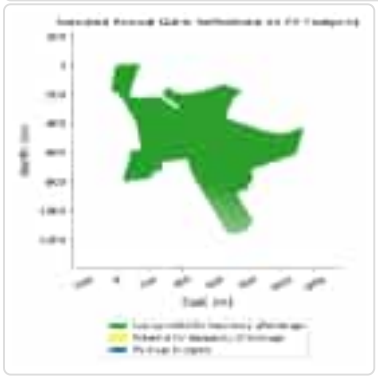
PV array is expected to produce the following glare for this receptor:

- 1,389 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





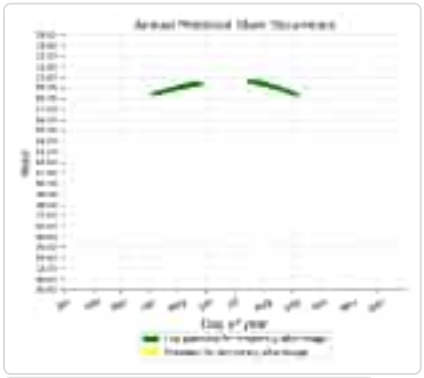


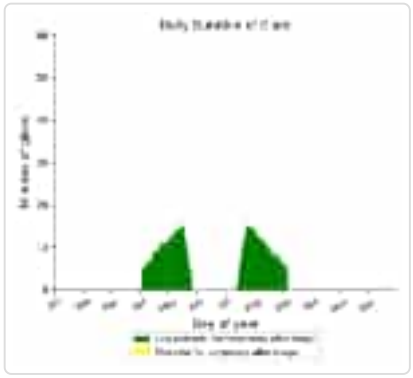


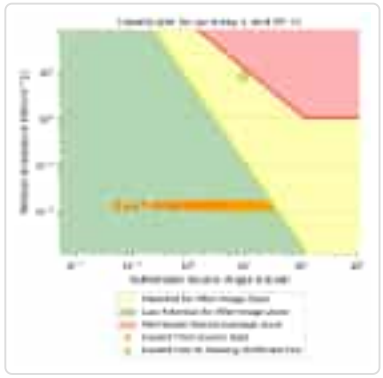
PV array 1: OP 43

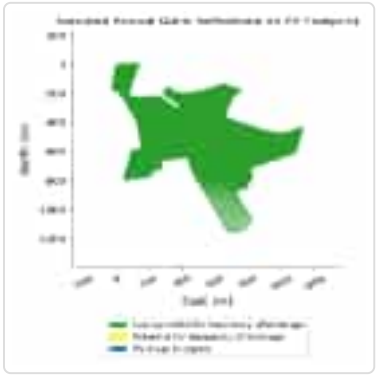
PV array is expected to produce the following glare for this receptor:

- 1,077 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





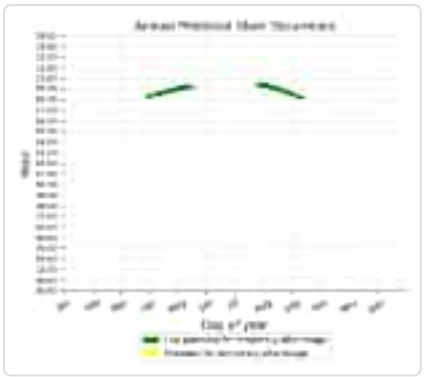


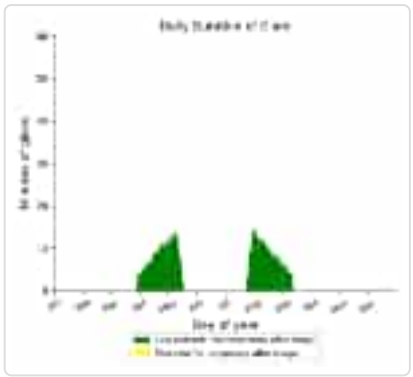


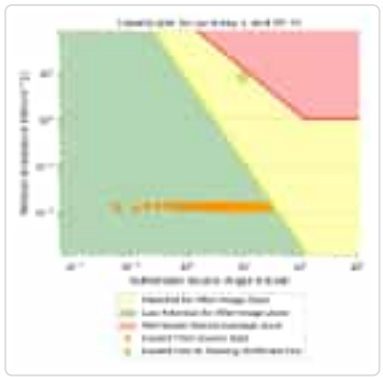
PV array 1: OP 44

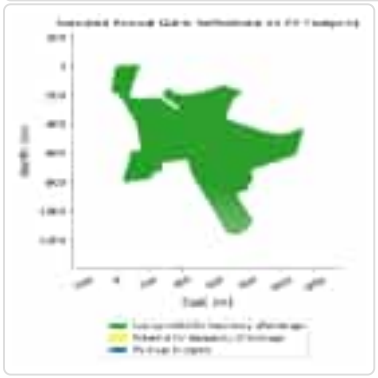
PV array is expected to produce the following glare for this receptor:

- 864 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





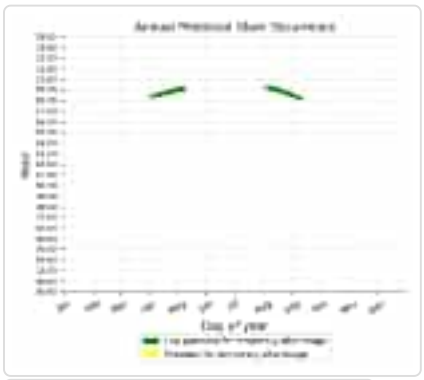


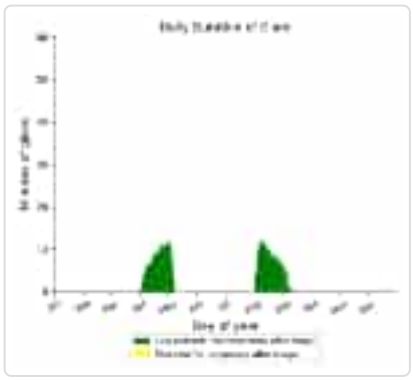


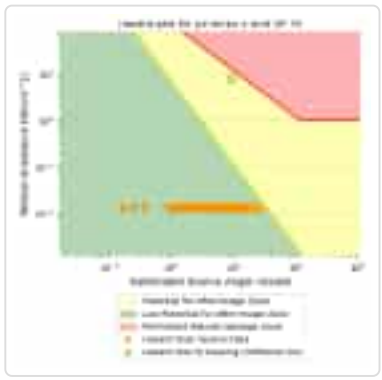
PV array 1: OP 45

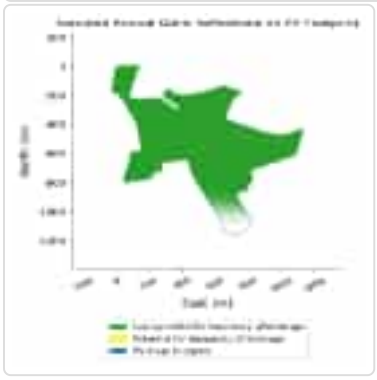
PV array is expected to produce the following glare for this receptor:

- 586 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





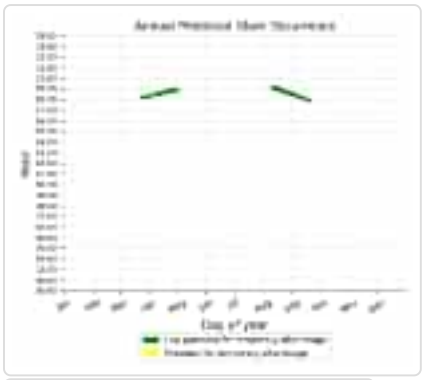


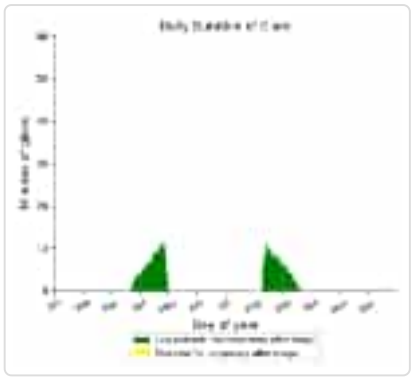


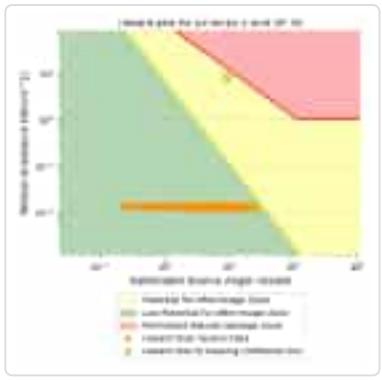
PV array 1: OP 46

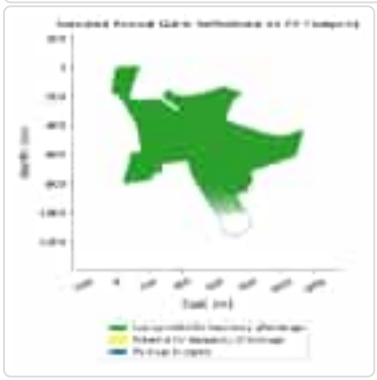
PV array is expected to produce the following glare for this receptor:

- 499 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 47

No glare found

PV array 1: OP 48

No glare found

PV array 1: OP 49

No glare found

PV array 1: OP 50

No glare found

PV array 1: OP 51

No glare found

PV array 1: OP 52

No glare found

PV array 1: OP 53

No glare found

PV array 1: OP 54

No glare found

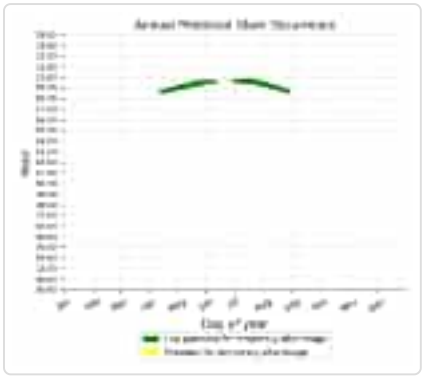
PV array 1: OP 55

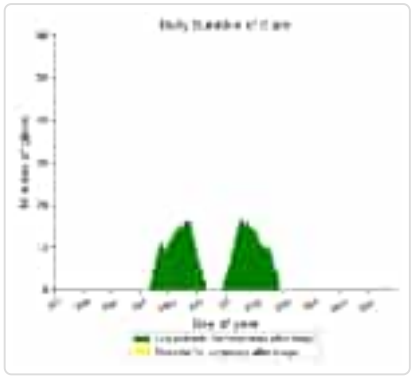
No glare found

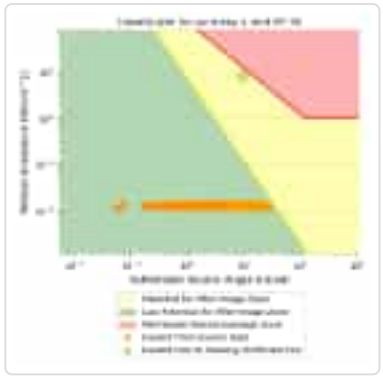
PV array 1: OP 56

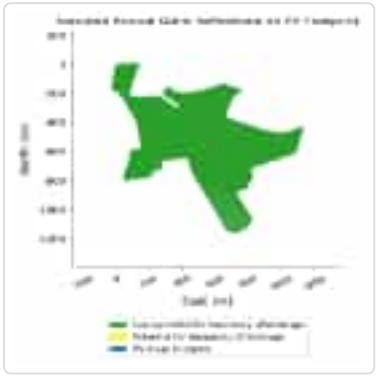
PV array is expected to produce the following glare for this receptor:

- 1,255 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





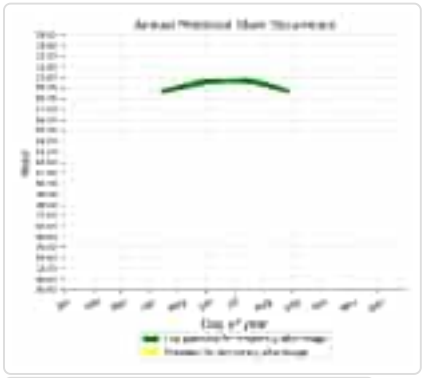


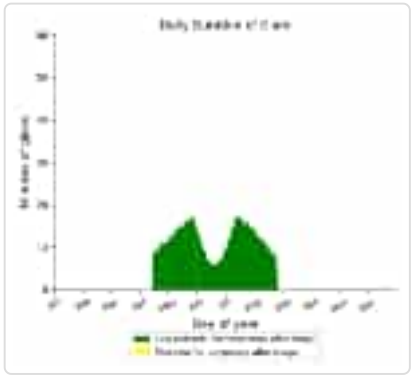


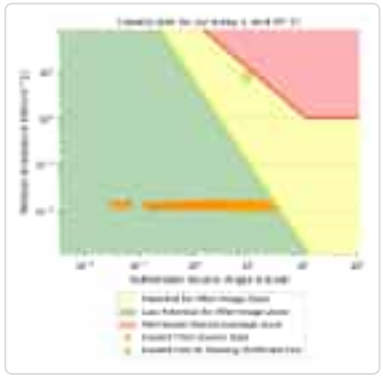
PV array 1: OP 57

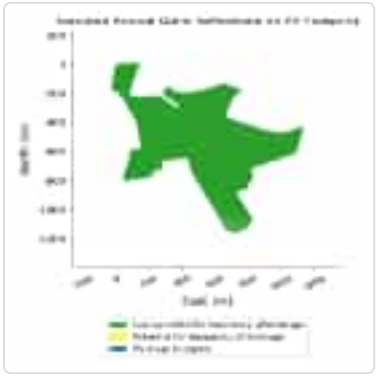
PV array is expected to produce the following glare for this receptor:

- 1,594 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





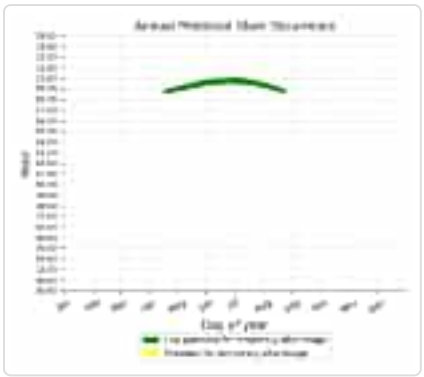


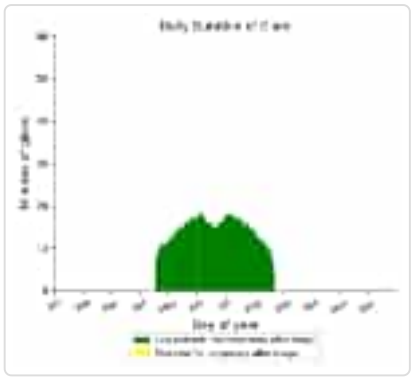


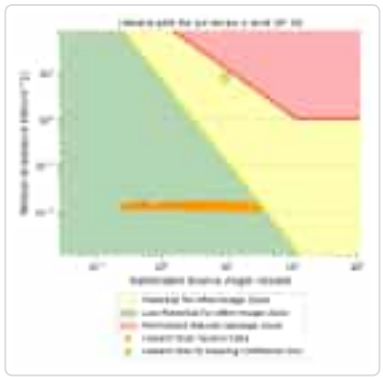
PV array 1: OP 58

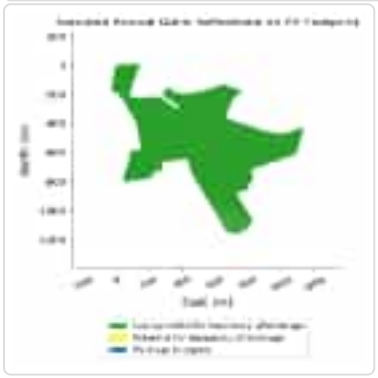
PV array is expected to produce the following glare for this receptor:

- 1,840 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





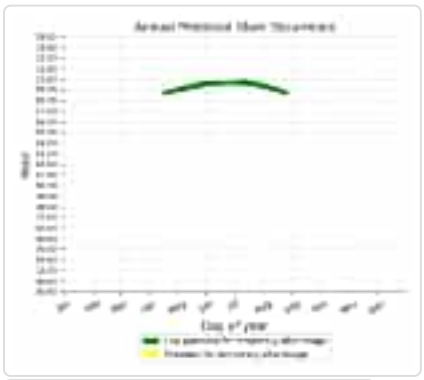


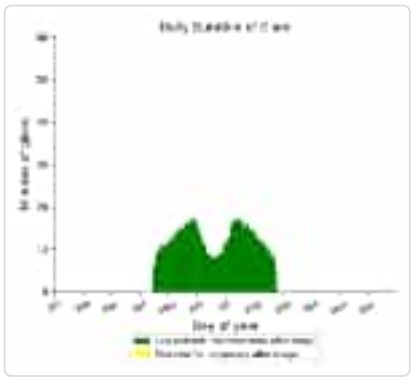


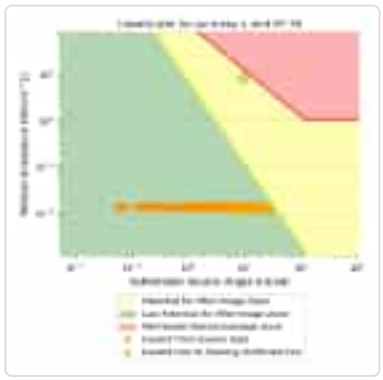
PV array 1: OP 59

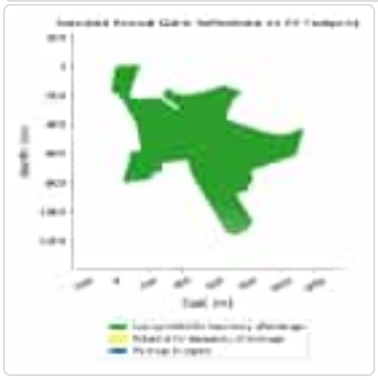
PV array is expected to produce the following glare for this receptor:

- 1,657 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





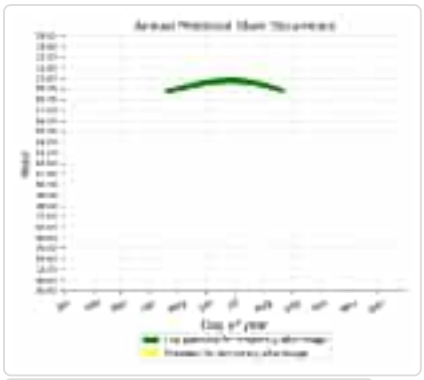


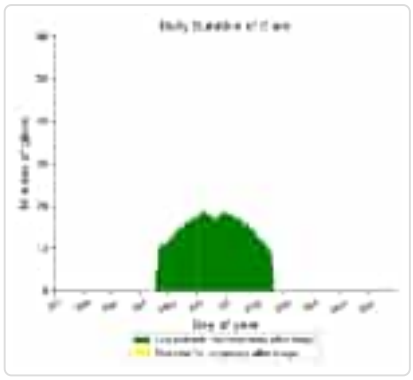


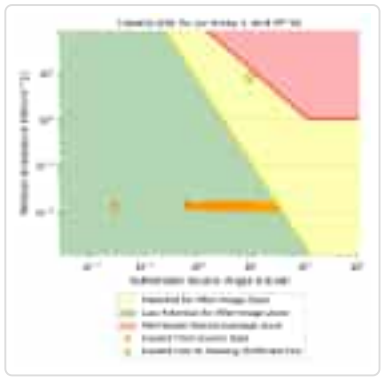
PV array 1: OP 60

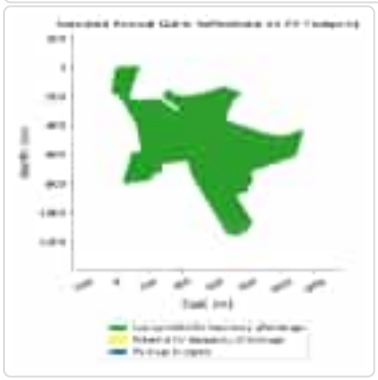
PV array is expected to produce the following glare for this receptor:

- 1,870 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





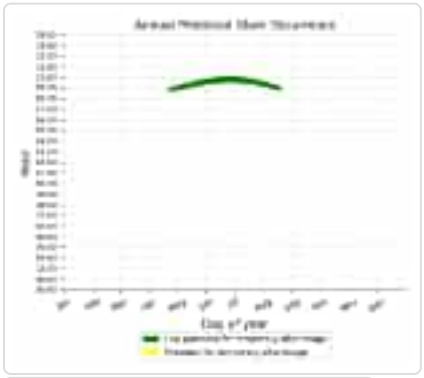


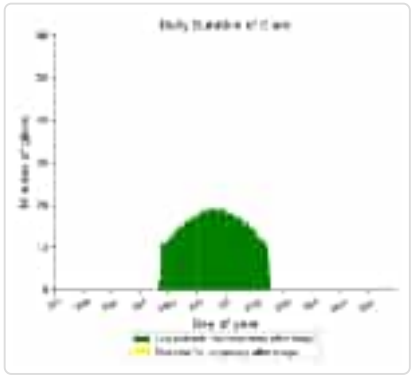


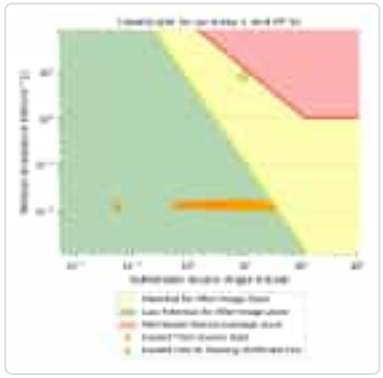
PV array 1: OP 61

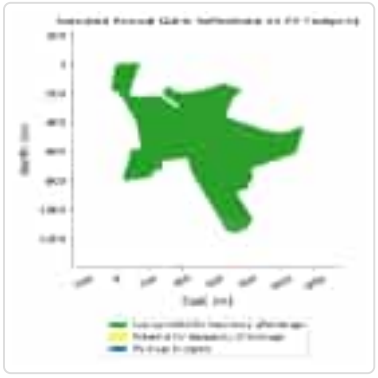
PV array is expected to produce the following glare for this receptor:

- 1,819 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





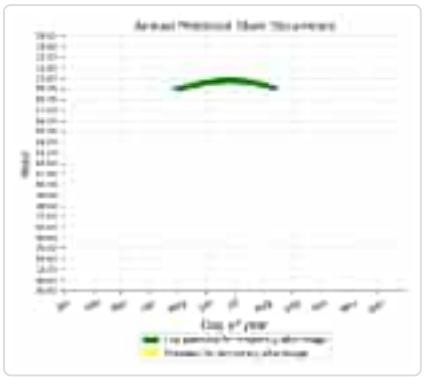


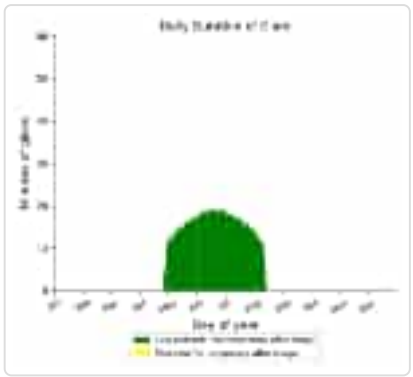


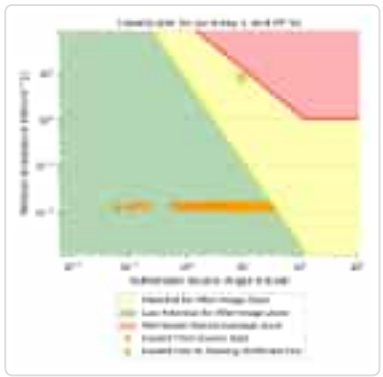
PV array 1: OP 62

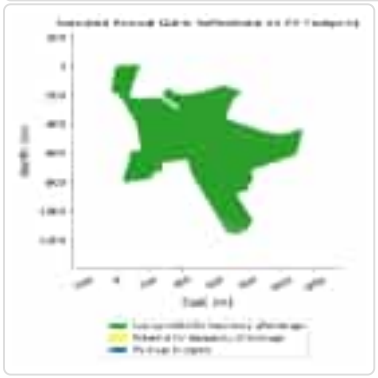
PV array is expected to produce the following glare for this receptor:

- 1,721 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





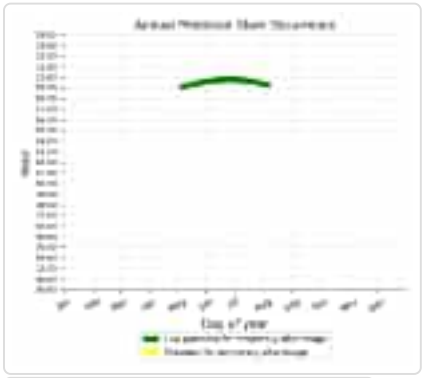


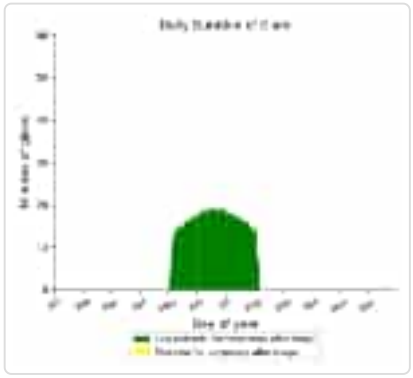


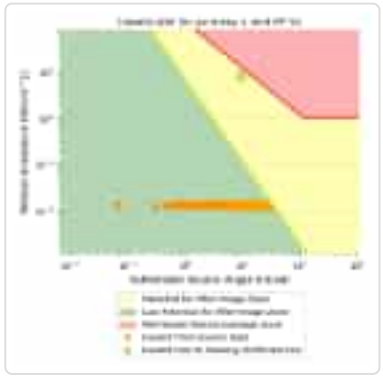
PV array 1: OP 63

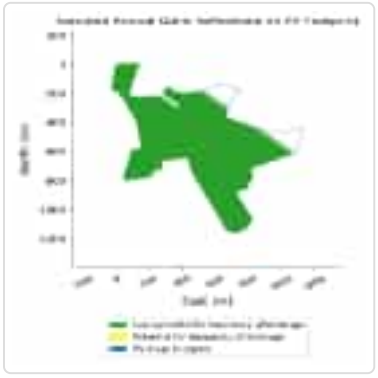
PV array is expected to produce the following glare for this receptor:

- 1,568 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





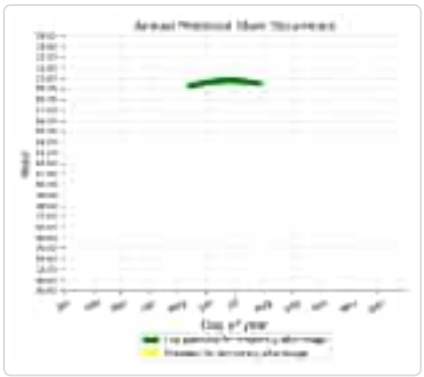


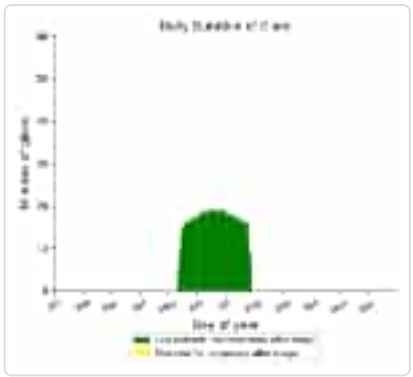


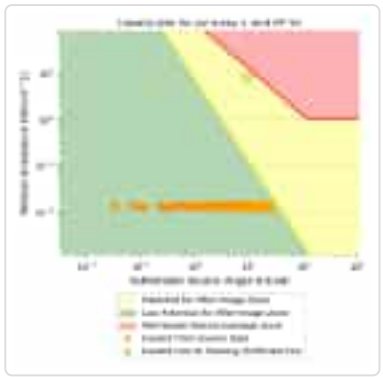
PV array 1: OP 64

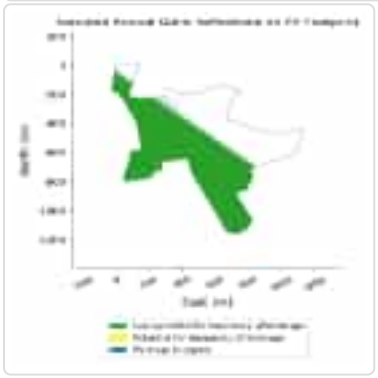
PV array is expected to produce the following glare for this receptor:

- 1,327 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





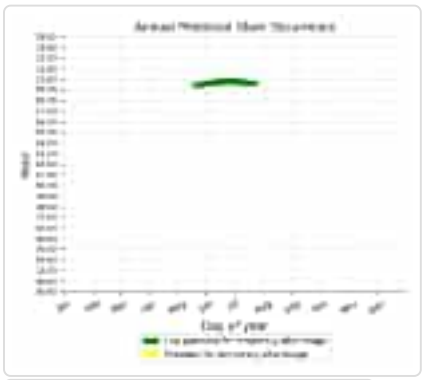


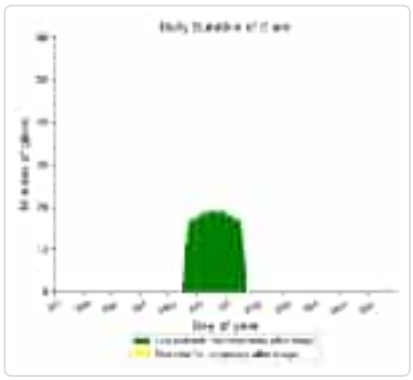


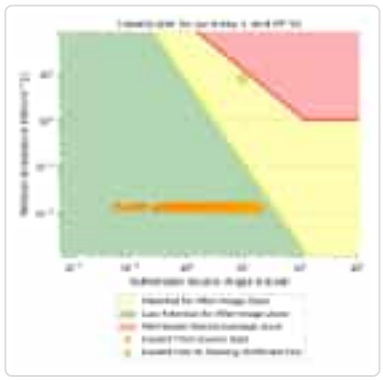
PV array 1: OP 65

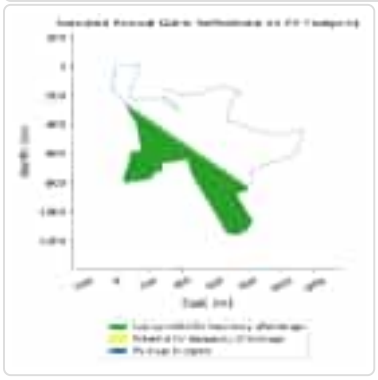
PV array is expected to produce the following glare for this receptor:

- 1,140 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





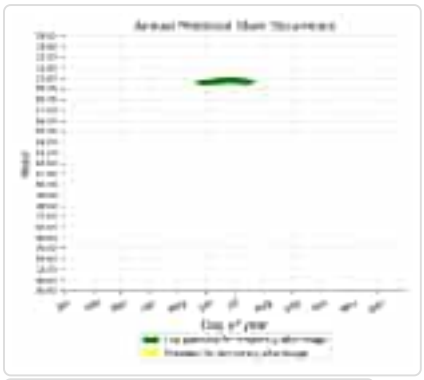


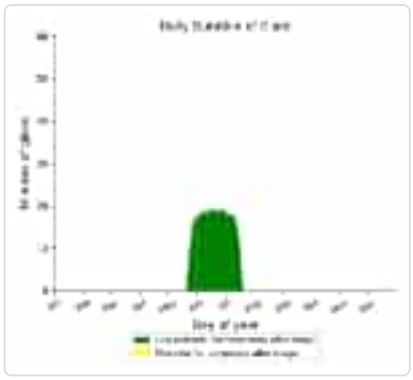


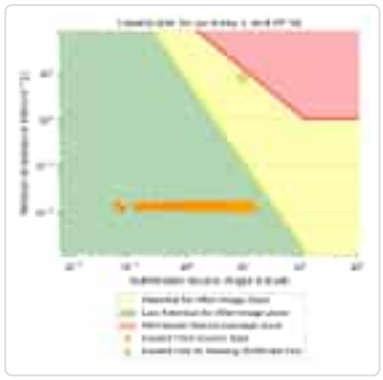
PV array 1: OP 66

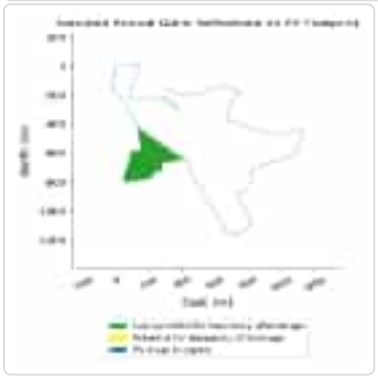
PV array is expected to produce the following glare for this receptor:

- 990 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





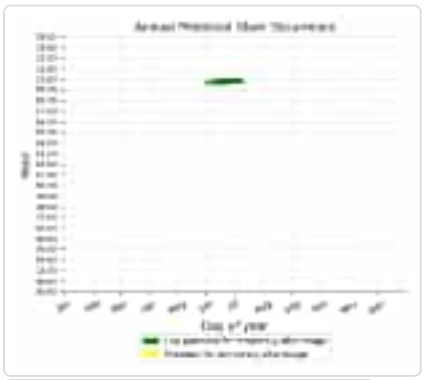


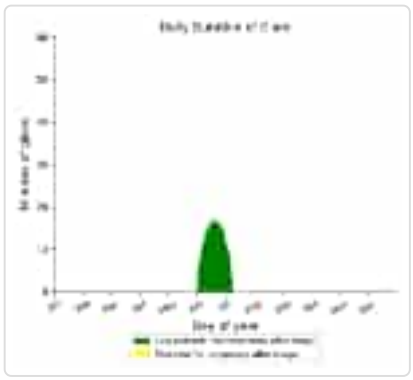


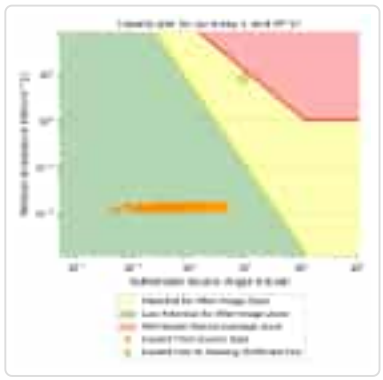
PV array 1: OP 67

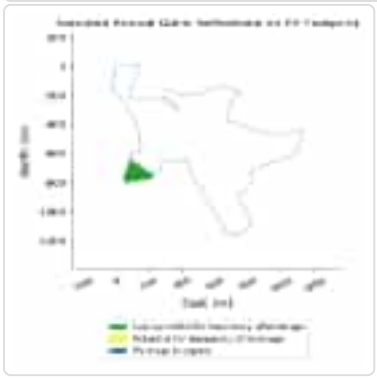
PV array is expected to produce the following glare for this receptor:

- 481 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 68

No glare found

PV array 1: OP 69

No glare found

PV array 1: OP 70

No glare found

PV array 1: OP 71

No glare found

PV array 1: OP 72

No glare found

PV array 1: OP 73

No glare found

PV array 10 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0

OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	75	0
OP: OP 14	1440	0
OP: OP 15	2239	95
OP: OP 16	2443	974
OP: OP 17	2642	0
OP: OP 18	0	0
OP: OP 19	1746	0
OP: OP 20	2148	0
OP: OP 21	2087	0
OP: OP 22	1997	0
OP: OP 23	1689	0
OP: OP 24	1961	0
OP: OP 25	1573	0
OP: OP 26	1277	0
OP: OP 27	911	0
OP: OP 28	595	0
OP: OP 29	1786	0
OP: OP 30	1639	0
OP: OP 31	1381	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	21	0
OP: OP 48	304	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0

OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	2327	296
OP: OP 64	2960	7528
OP: OP 65	2408	444
OP: OP 66	2291	372
OP: OP 67	732	1055
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0

PV array 10: OP 1

No glare found

PV array 10: OP 2

No glare found

PV array 10: OP 3

No glare found

PV array 10: OP 4

No glare found

PV array 10: OP 5

No glare found

PV array 10: OP 6

No glare found

PV array 10: OP 7

No glare found

PV array 10: OP 8

No glare found

PV array 10: OP 9

No glare found

PV array 10: OP 10

No glare found

PV array 10: OP 11

No glare found

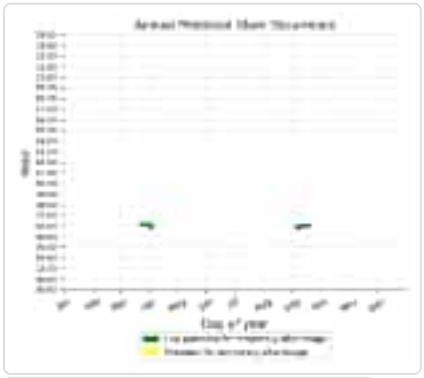
PV array 10: OP 12

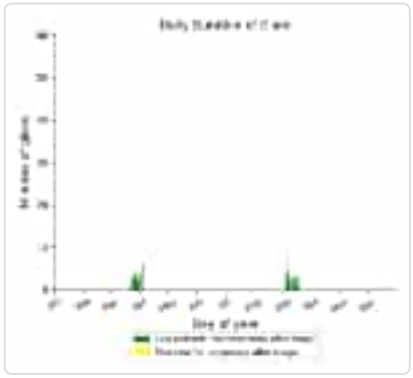
No glare found

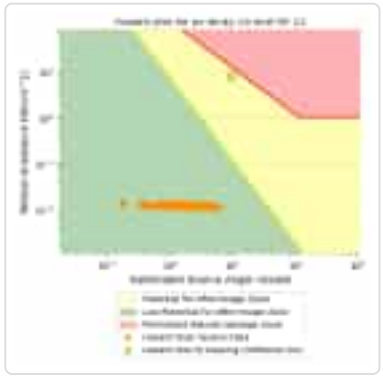
PV array 10: OP 13

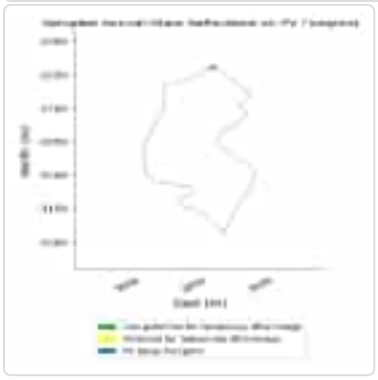
PV array is expected to produce the following glare for this receptor:

- 75 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





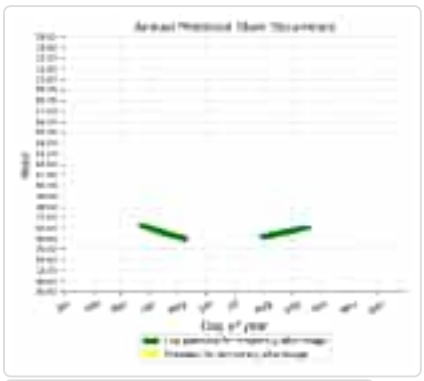


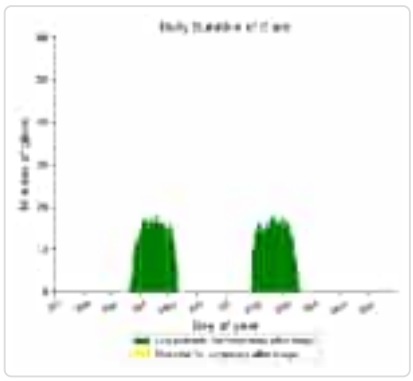


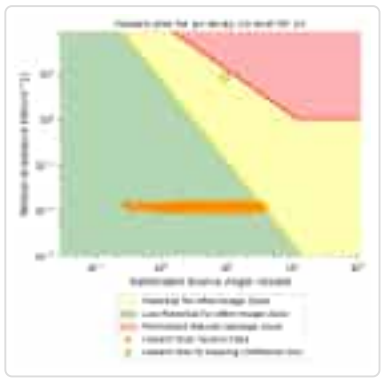
PV array 10: OP 14

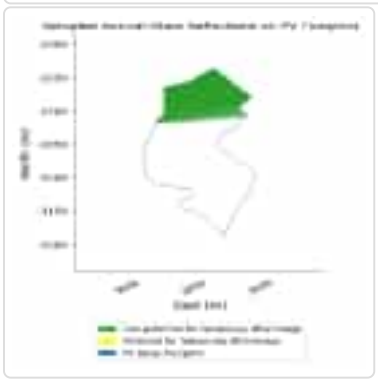
PV array is expected to produce the following glare for this receptor:

- 1,440 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





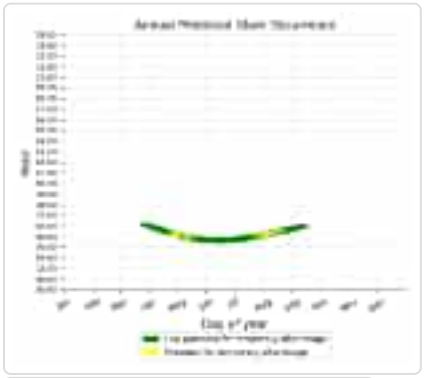


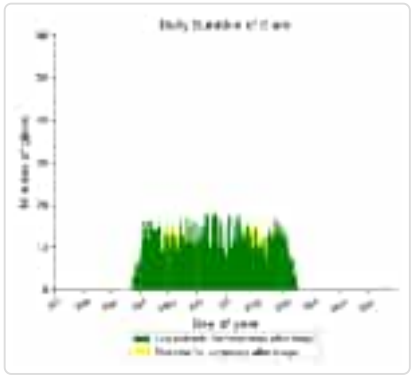


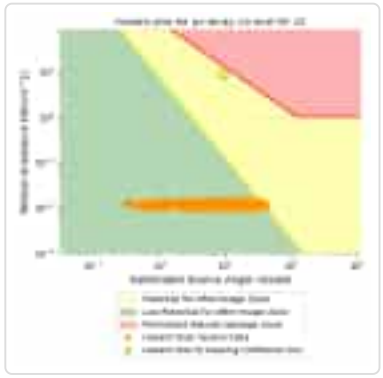
PV array 10: OP 15

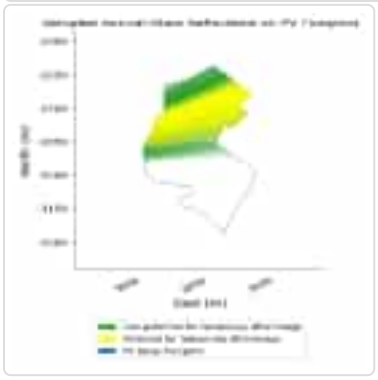
PV array is expected to produce the following glare for this receptor:

- 2,239 minutes of "green" glare with low potential to cause temporary after-image.
- 95 minutes of "yellow" glare with potential to cause temporary after-image.





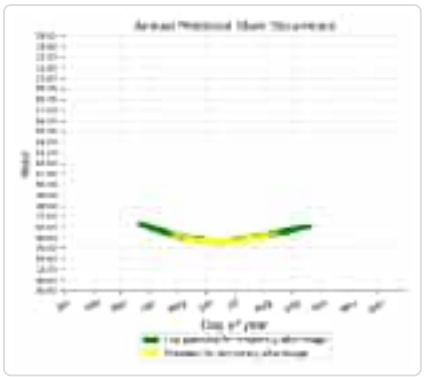


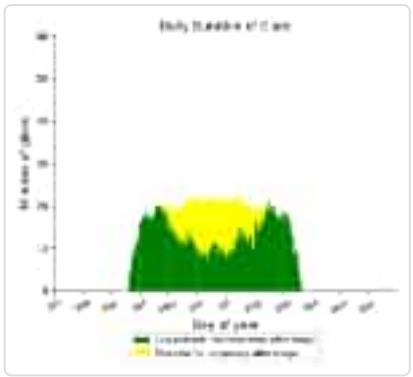


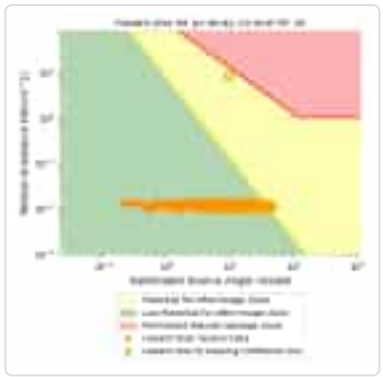
PV array 10: OP 16

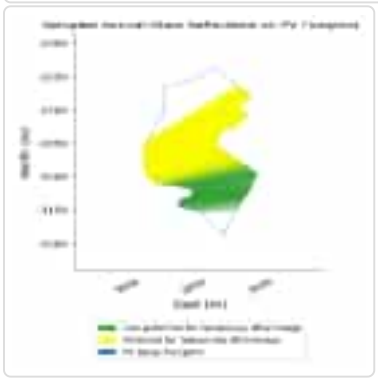
PV array is expected to produce the following glare for this receptor:

- 2,443 minutes of "green" glare with low potential to cause temporary after-image.
- 974 minutes of "yellow" glare with potential to cause temporary after-image.





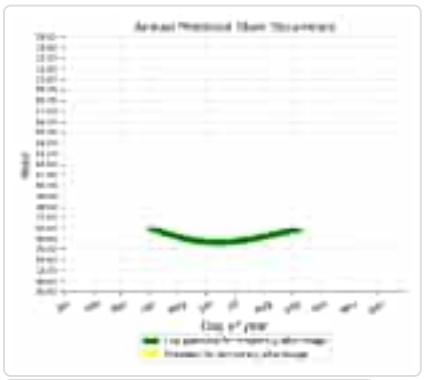


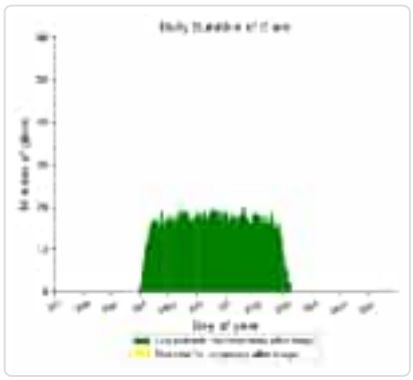


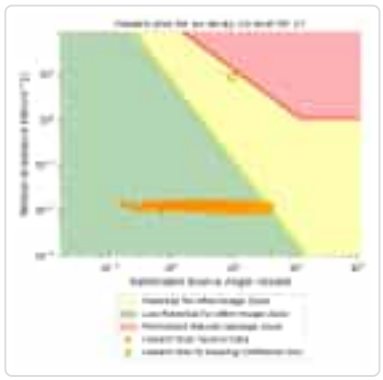
PV array 10: OP 17

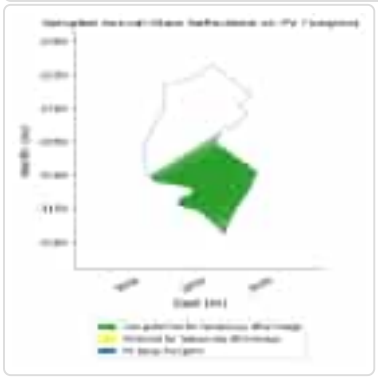
PV array is expected to produce the following glare for this receptor:

- 2,642 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









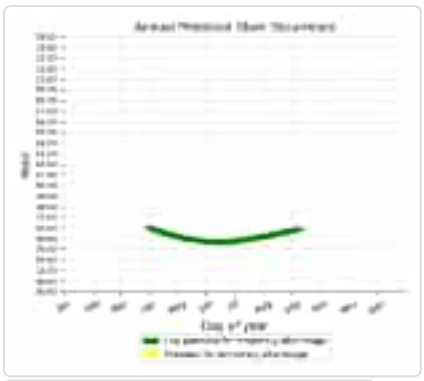
PV array 10: OP 18

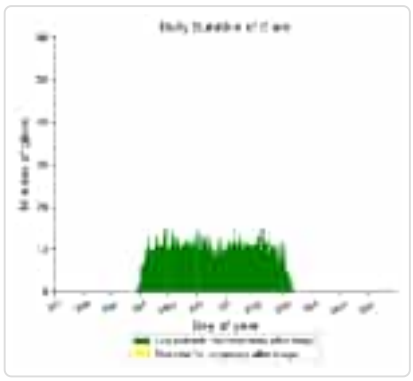
No glare found

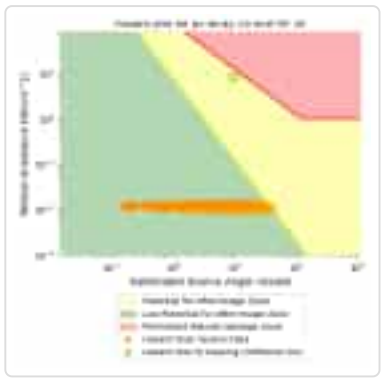
PV array 10: OP 19

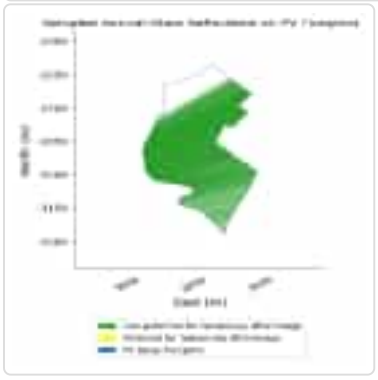
PV array is expected to produce the following glare for this receptor:

- 1,746 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





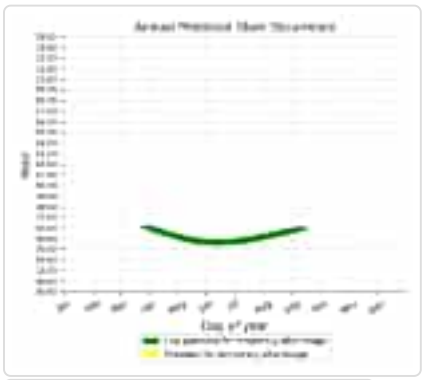


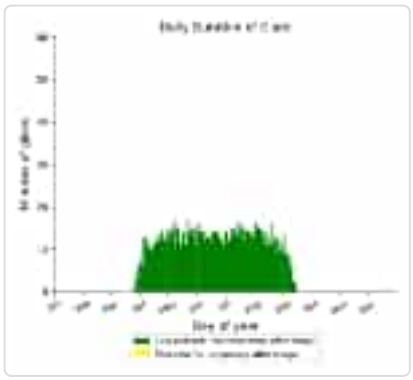


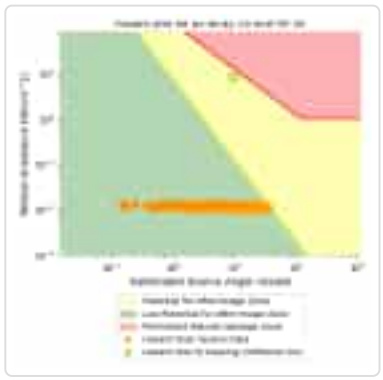
PV array 10: OP 20

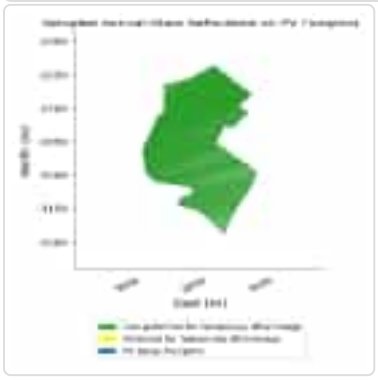
PV array is expected to produce the following glare for this receptor:

- 2,148 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





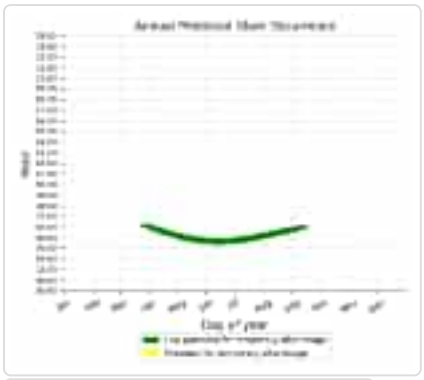


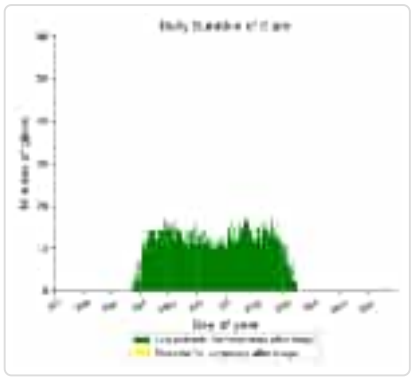


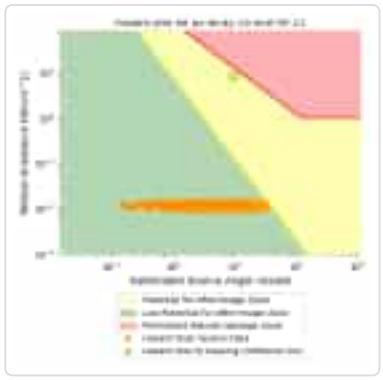
PV array 10: OP 21

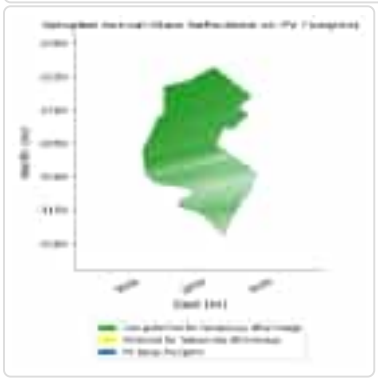
PV array is expected to produce the following glare for this receptor:

- 2,087 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





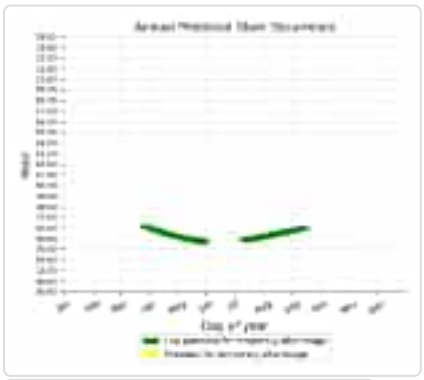


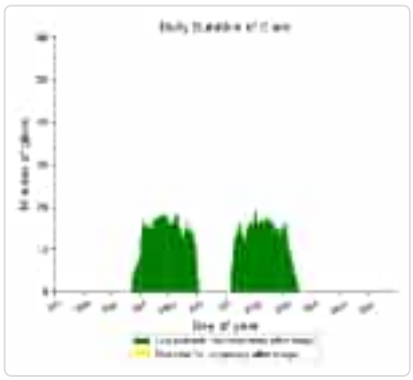


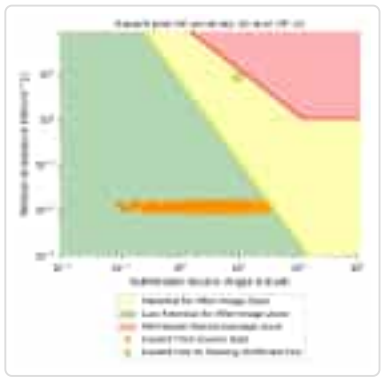
PV array 10: OP 22

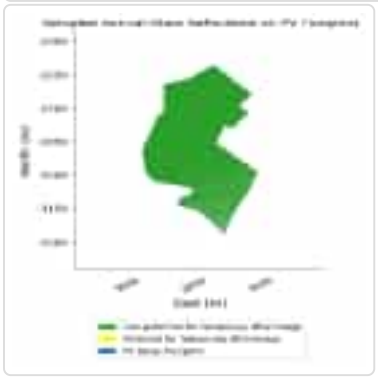
PV array is expected to produce the following glare for this receptor:

- 1,997 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





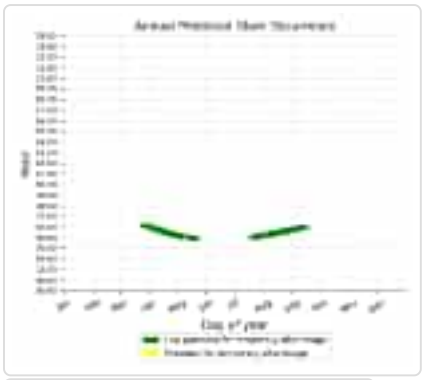


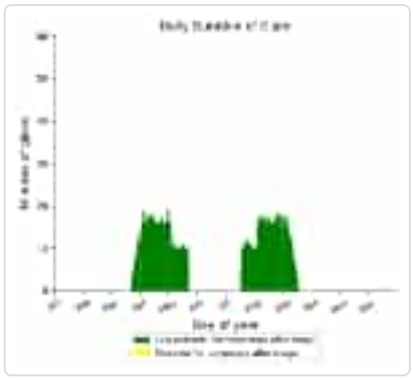


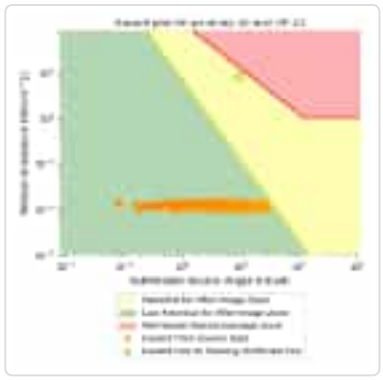
PV array 10: OP 23

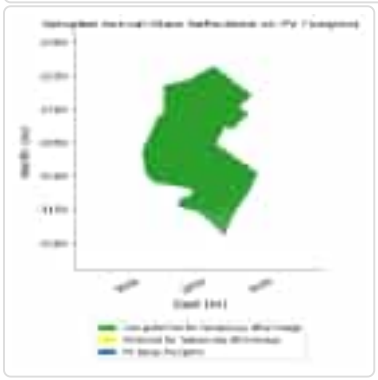
PV array is expected to produce the following glare for this receptor:

- 1,689 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





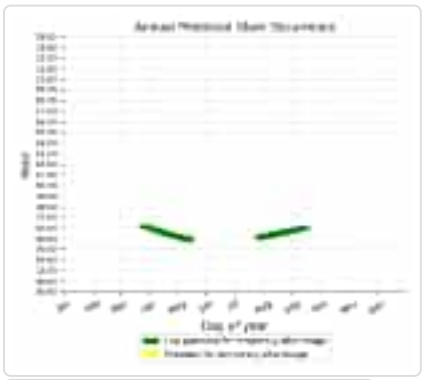


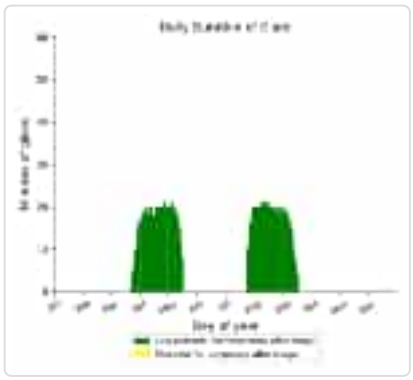


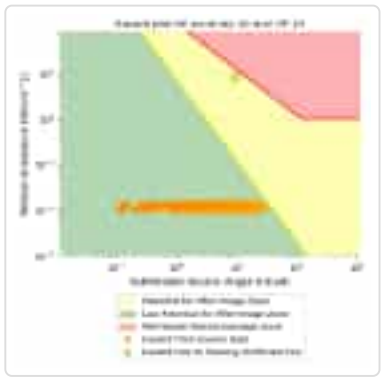
PV array 10: OP 24

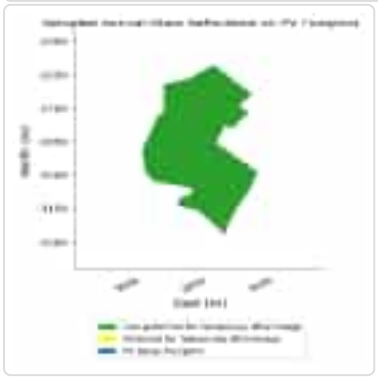
PV array is expected to produce the following glare for this receptor:

- 1,961 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





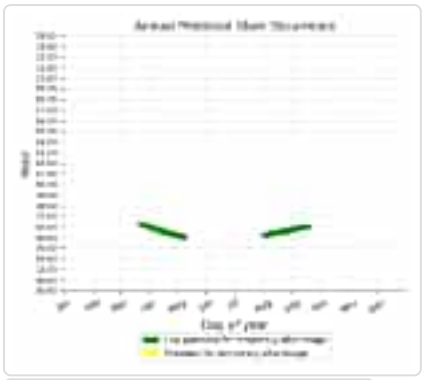


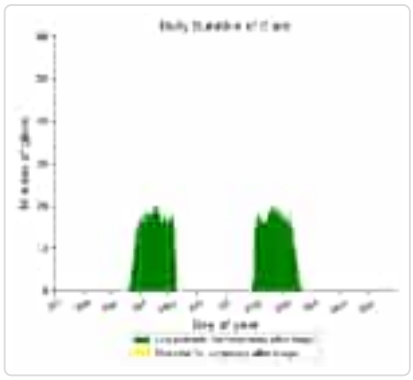


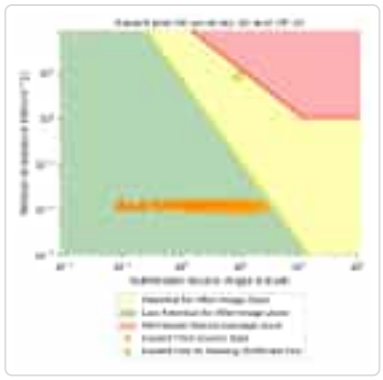
PV array 10: OP 25

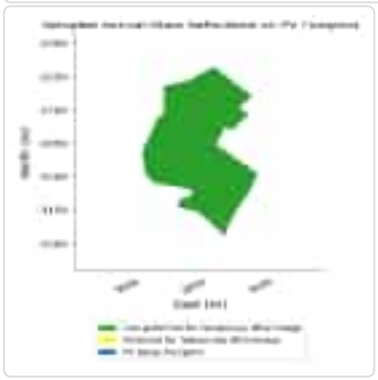
PV array is expected to produce the following glare for this receptor:

- 1,573 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





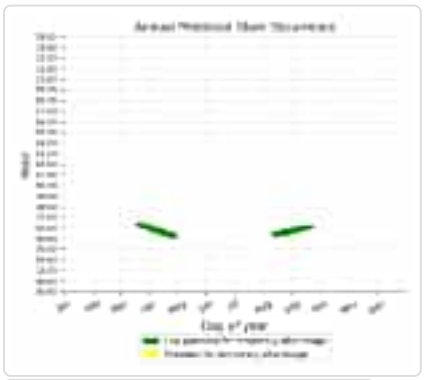


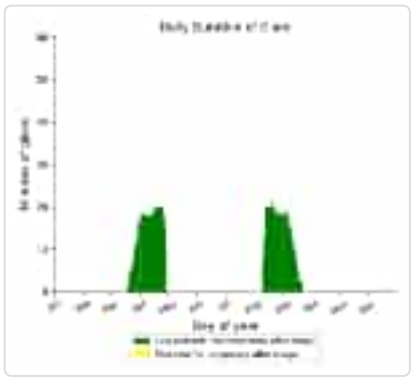


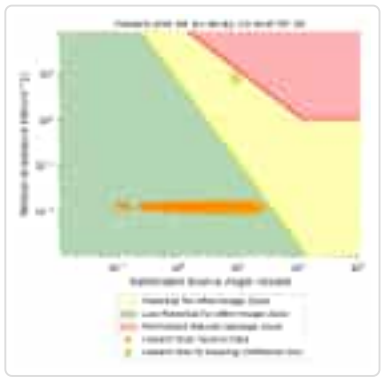
PV array 10: OP 26

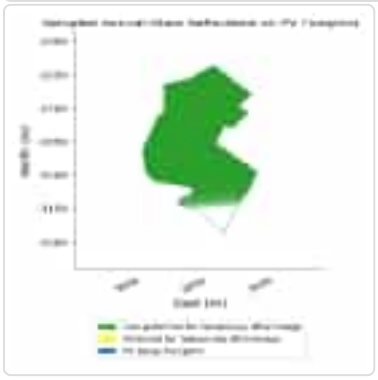
PV array is expected to produce the following glare for this receptor:

- 1,277 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





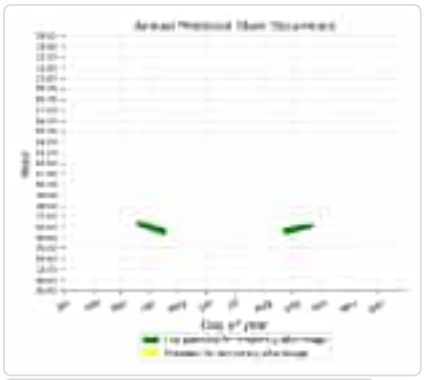


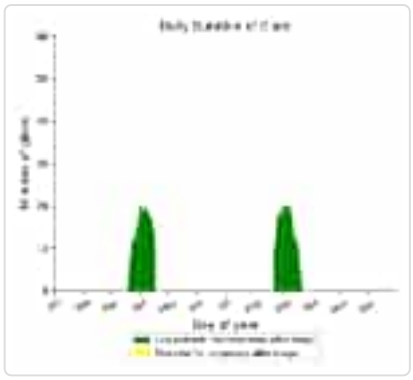


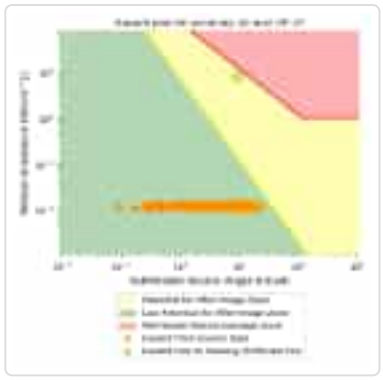
PV array 10: OP 27

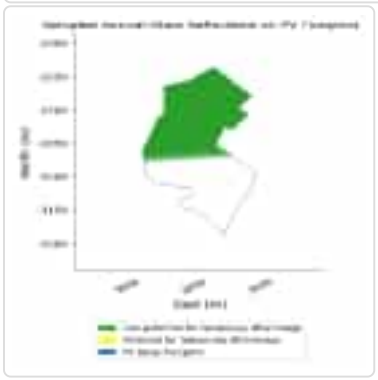
PV array is expected to produce the following glare for this receptor:

- 911 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





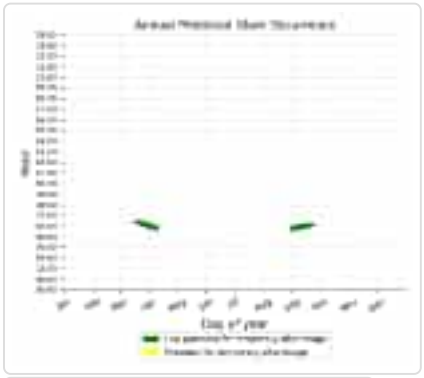


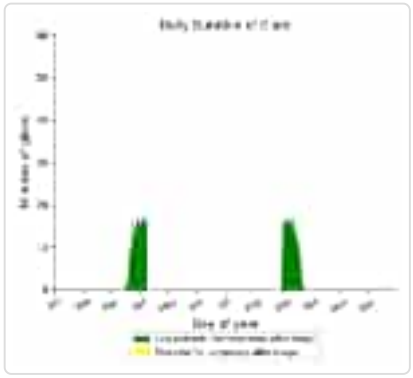


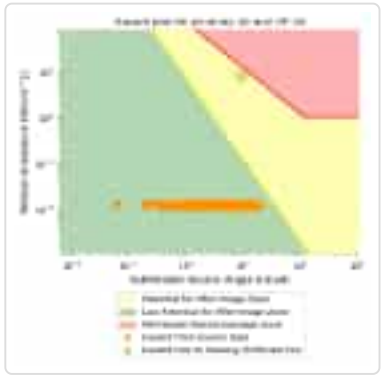
PV array 10: OP 28

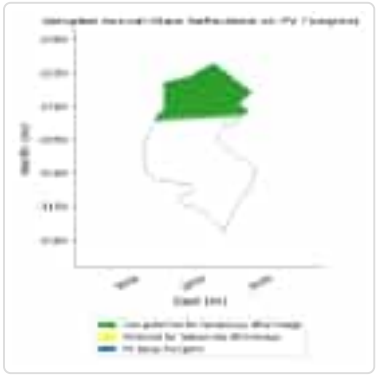
PV array is expected to produce the following glare for this receptor:

- 595 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





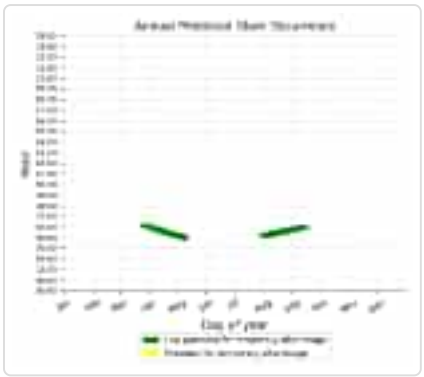


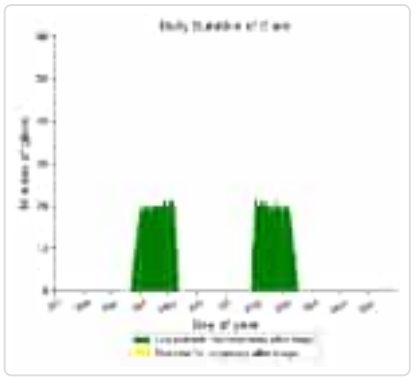


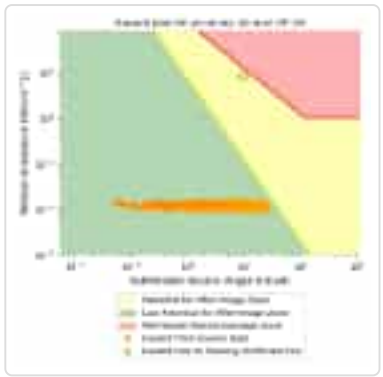
PV array 10: OP 29

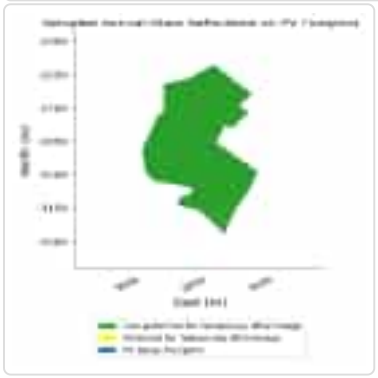
PV array is expected to produce the following glare for this receptor:

- 1,786 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





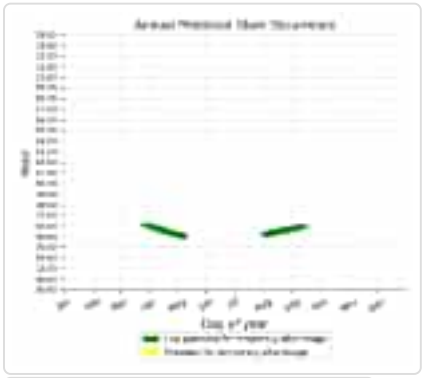


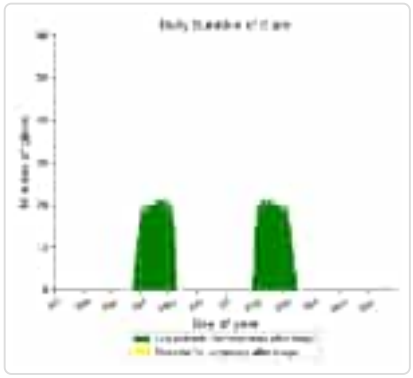


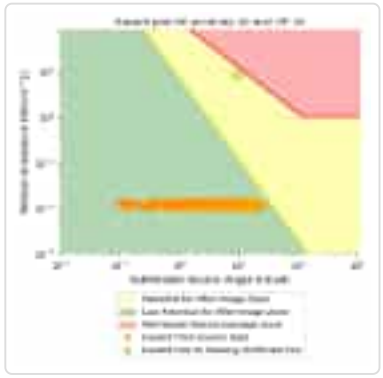
PV array 10: OP 30

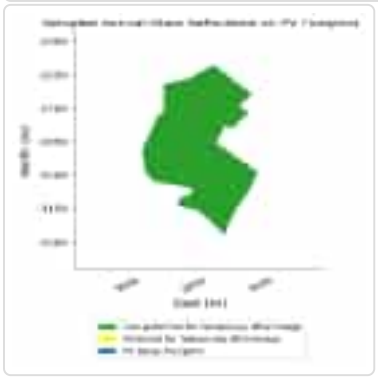
PV array is expected to produce the following glare for this receptor:

- 1,639 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





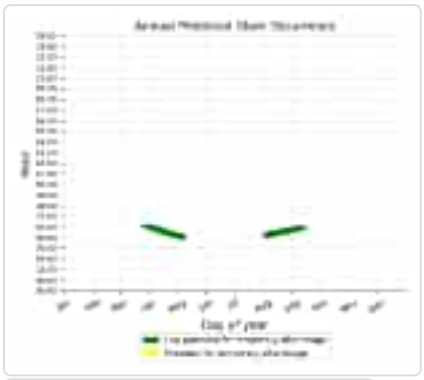


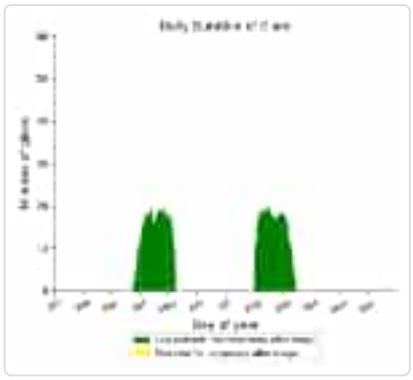


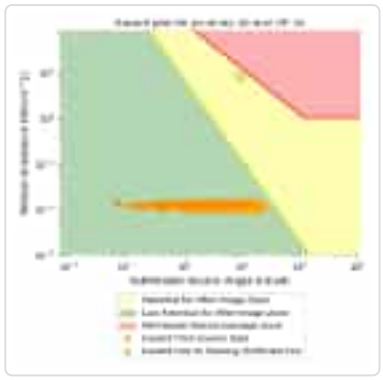
PV array 10: OP 31

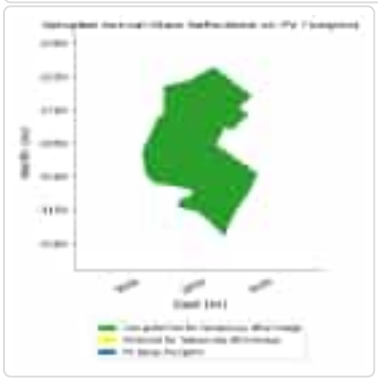
PV array is expected to produce the following glare for this receptor:

- 1,381 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 32

No glare found

PV array 10: OP 33

No glare found

PV array 10: OP 34

No glare found

PV array 10: OP 35

No glare found

PV array 10: OP 36

No glare found

PV array 10: OP 37

No glare found

PV array 10: OP 38

No glare found

PV array 10: OP 39

No glare found

PV array 10: OP 40

No glare found

PV array 10: OP 41

No glare found

PV array 10: OP 42

No glare found

PV array 10: OP 43

No glare found

PV array 10: OP 44

No glare found

PV array 10: OP 45

No glare found

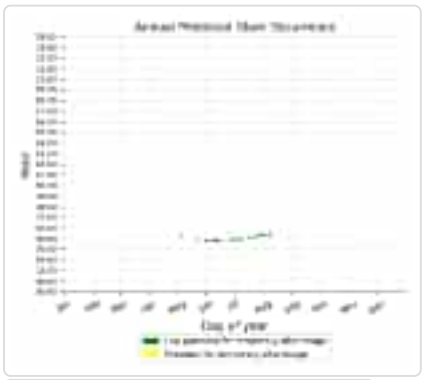
PV array 10: OP 46

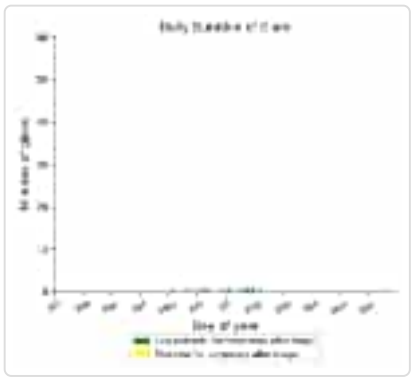
No glare found

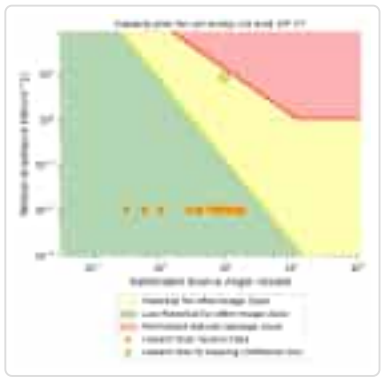
PV array 10: OP 47

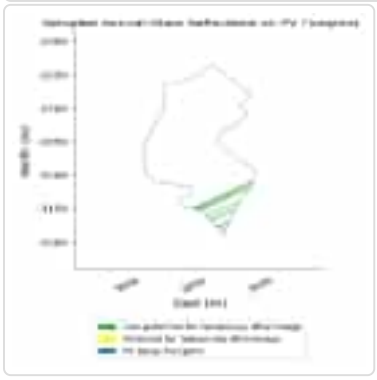
PV array is expected to produce the following glare for this receptor:

- 21 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





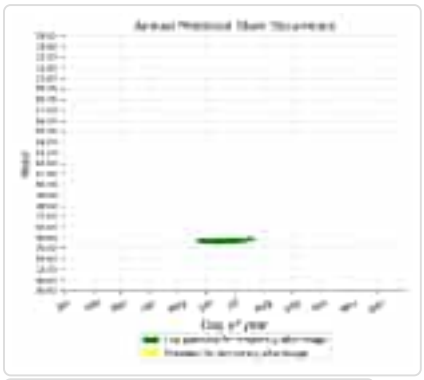


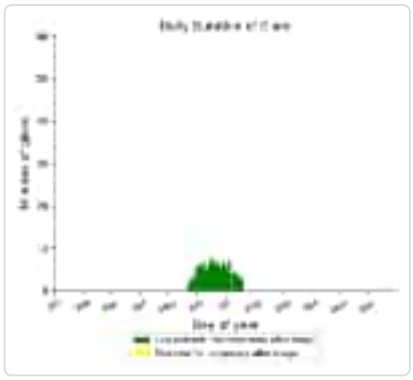


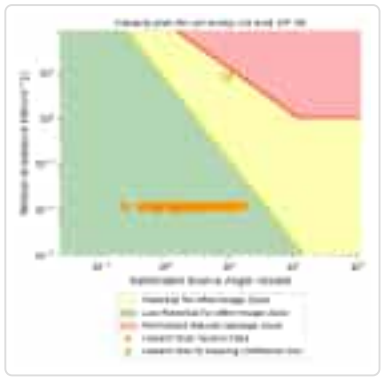
PV array 10: OP 48

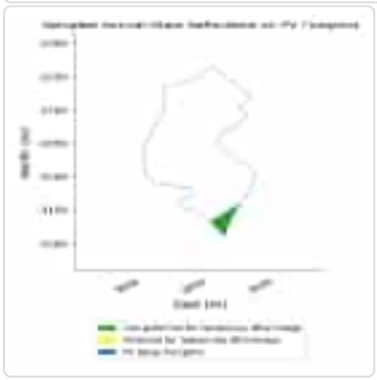
PV array is expected to produce the following glare for this receptor:

- 304 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 49

No glare found

PV array 10: OP 50

No glare found

PV array 10: OP 51

No glare found

PV array 10: OP 52

No glare found

PV array 10: OP 53

No glare found

PV array 10: OP 54

No glare found

PV array 10: OP 55

No glare found

PV array 10: OP 56

No glare found

PV array 10: OP 57

No glare found

PV array 10: OP 58

No glare found

PV array 10: OP 59

No glare found

PV array 10: OP 60

No glare found

PV array 10: OP 61

No glare found

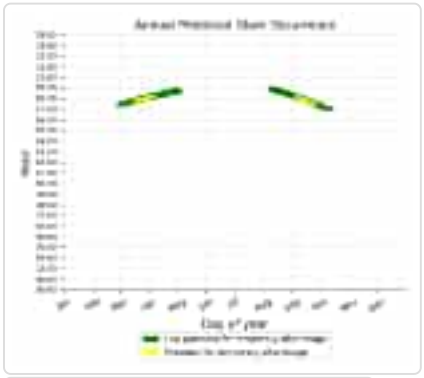
PV array 10: OP 62

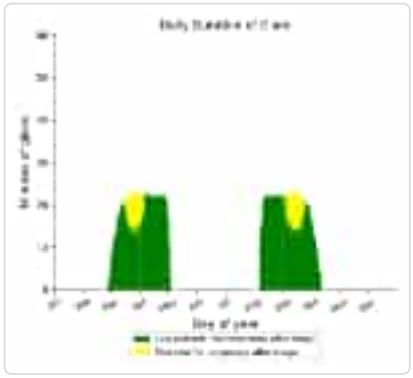
No glare found

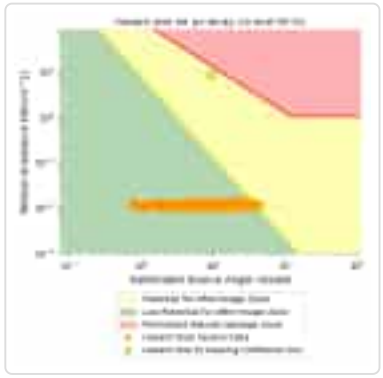
PV array 10: OP 63

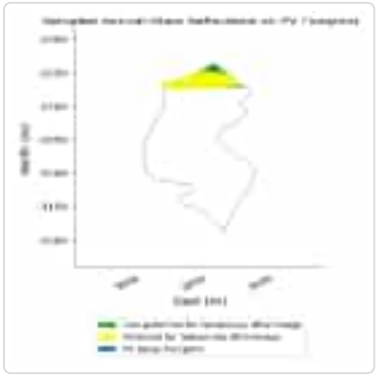
PV array is expected to produce the following glare for this receptor:

- 2,327 minutes of "green" glare with low potential to cause temporary after-image.
- 296 minutes of "yellow" glare with potential to cause temporary after-image.





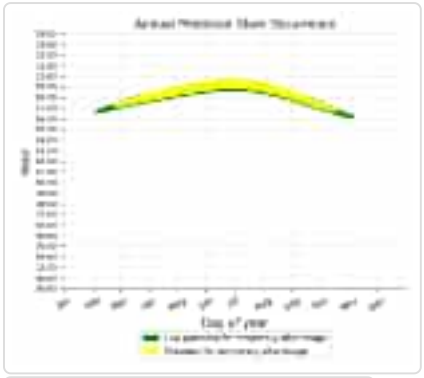


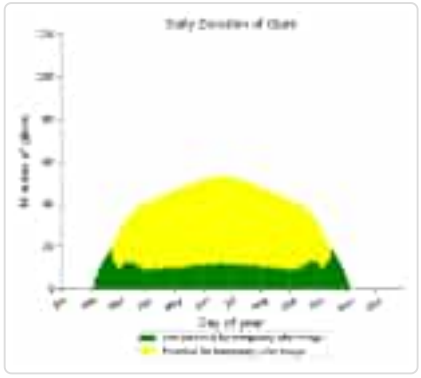


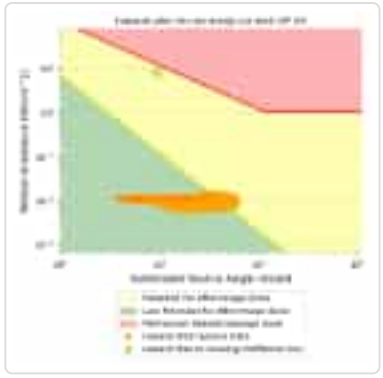
PV array 10: OP 64

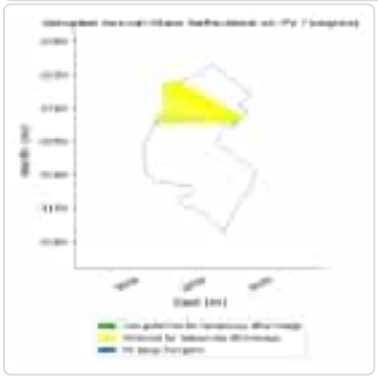
PV array is expected to produce the following glare for this receptor:

- 2,960 minutes of "green" glare with low potential to cause temporary after-image.
- 7,528 minutes of "yellow" glare with potential to cause temporary after-image.





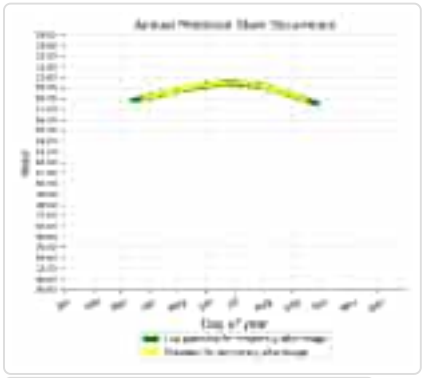


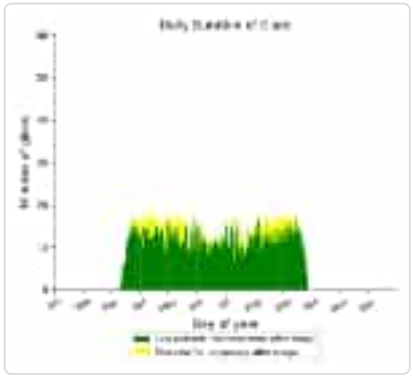


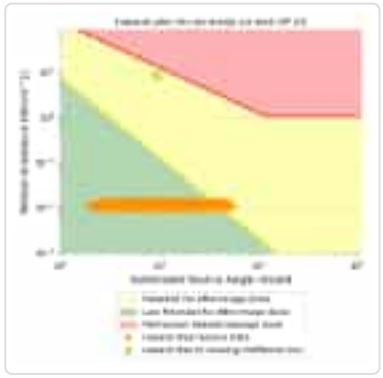
PV array 10: OP 65

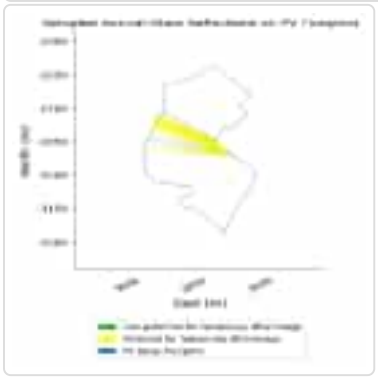
PV array is expected to produce the following glare for this receptor:

- 2,408 minutes of "green" glare with low potential to cause temporary after-image.
- 444 minutes of "yellow" glare with potential to cause temporary after-image.





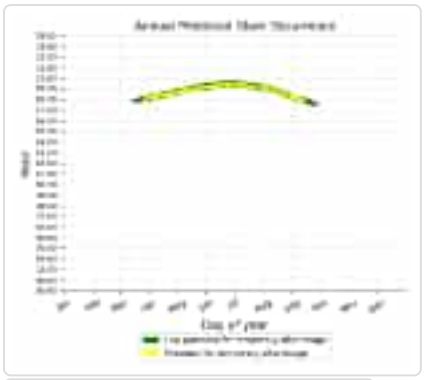


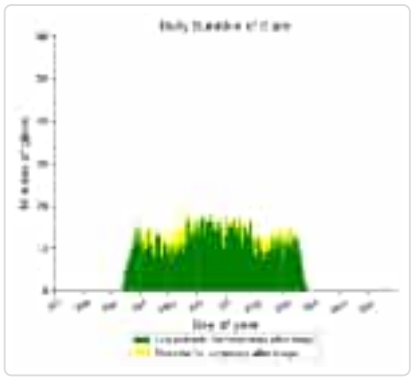


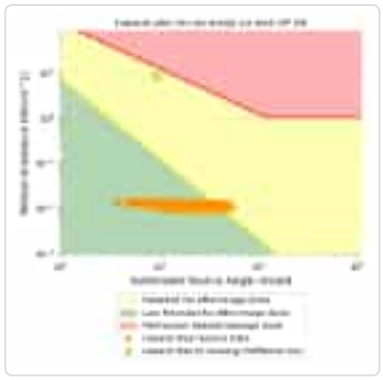
PV array 10: OP 66

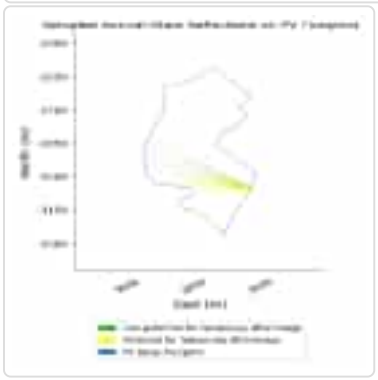
PV array is expected to produce the following glare for this receptor:

- 2,291 minutes of "green" glare with low potential to cause temporary after-image.
- 372 minutes of "yellow" glare with potential to cause temporary after-image.





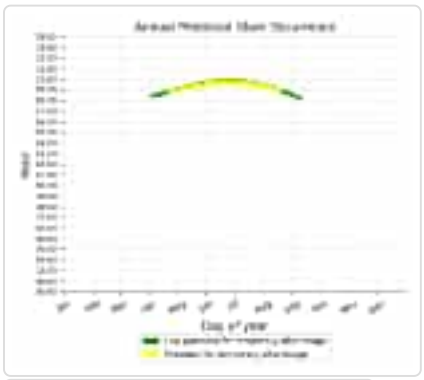


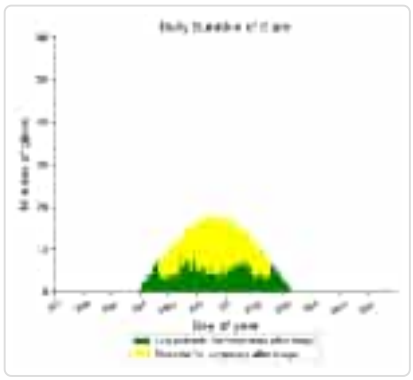


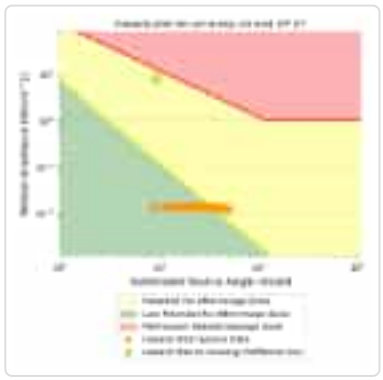
PV array 10: OP 67

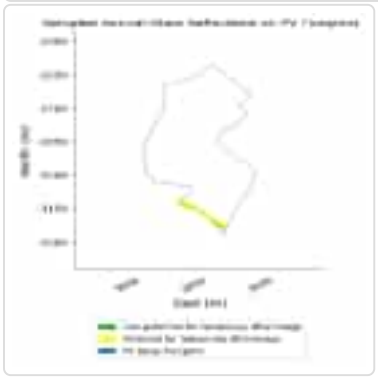
PV array is expected to produce the following glare for this receptor:

- 732 minutes of "green" glare with low potential to cause temporary after-image.
- 1,055 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 68

No glare found

PV array 10: OP 69

No glare found

PV array 10: OP 70

No glare found

PV array 10: OP 71

No glare found

PV array 10: OP 72

No glare found

PV array 10: OP 73

No glare found

PV array 11 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0

OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	129	0
OP: OP 16	663	0
OP: OP 17	1498	0
OP: OP 18	1309	0
OP: OP 19	637	0
OP: OP 20	384	0
OP: OP 21	223	0
OP: OP 22	220	0
OP: OP 23	136	0
OP: OP 24	163	0
OP: OP 25	113	0
OP: OP 26	30	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	62	0
OP: OP 30	88	0
OP: OP 31	75	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	1612	0
OP: OP 48	1600	0
OP: OP 49	1462	0
OP: OP 50	1624	0
OP: OP 51	1546	0
OP: OP 52	1639	0
OP: OP 53	1309	22
OP: OP 54	963	65
OP: OP 55	780	12
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0

OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	896	750
OP: OP 66	623	1059
OP: OP 67	504	1176
OP: OP 68	667	998
OP: OP 69	1184	474
OP: OP 70	1282	24
OP: OP 71	768	15
OP: OP 72	801	16
OP: OP 73	978	57

PV array 11: OP 1

No glare found

PV array 11: OP 2

No glare found

PV array 11: OP 3

No glare found

PV array 11: OP 4

No glare found

PV array 11: OP 5

No glare found

PV array 11: OP 6

No glare found

PV array 11: OP 7

No glare found

PV array 11: OP 8

No glare found

PV array 11: OP 9

No glare found

PV array 11: OP 10

No glare found

PV array 11: OP 11

No glare found

PV array 11: OP 12

No glare found

PV array 11: OP 13

No glare found

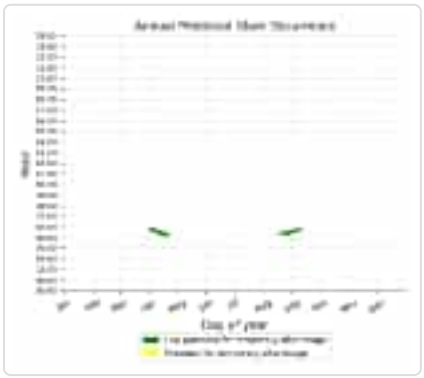
PV array 11: OP 14

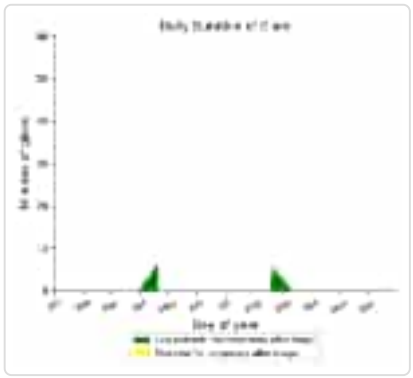
No glare found

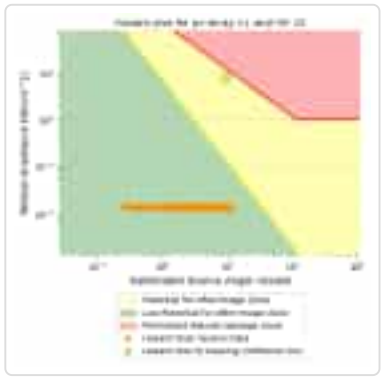
PV array 11: OP 15

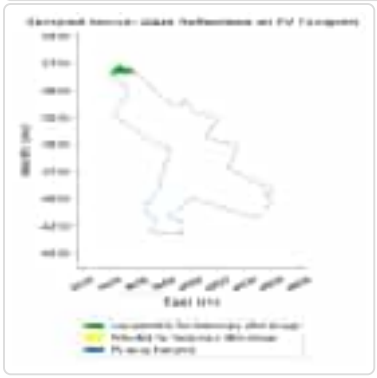
PV array is expected to produce the following glare for this receptor:

- 129 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





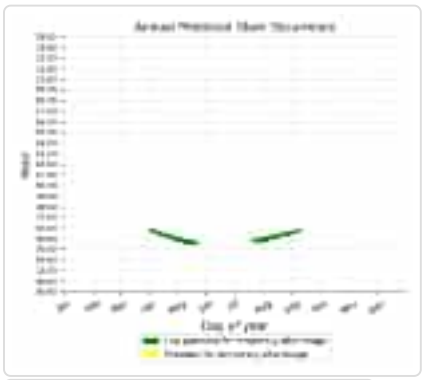


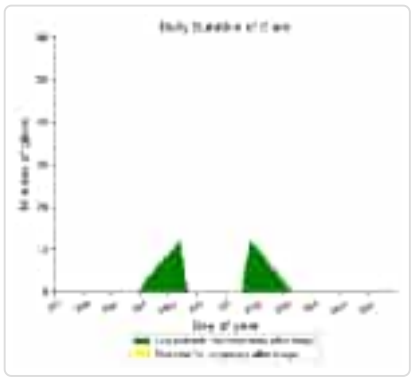


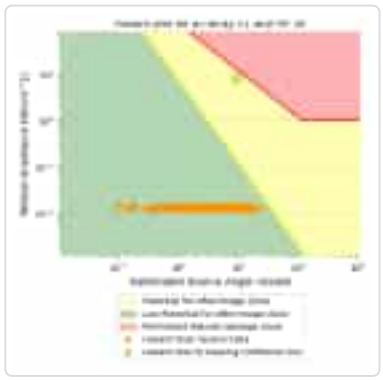
PV array 11: OP 16

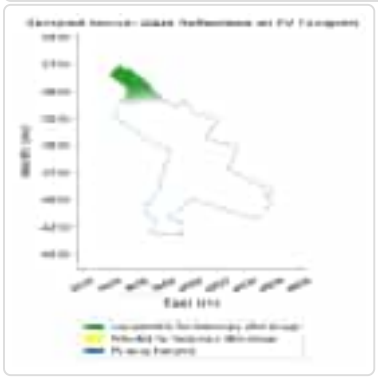
PV array is expected to produce the following glare for this receptor:

- 663 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





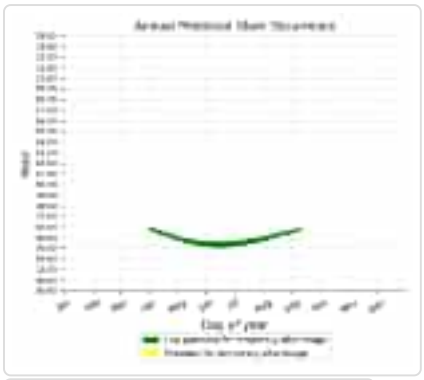


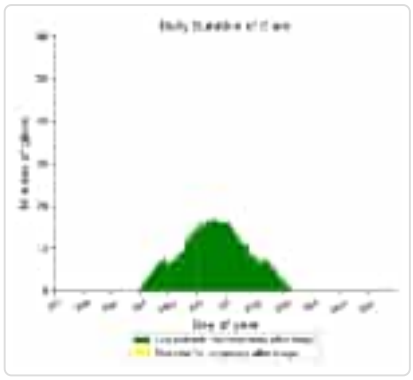


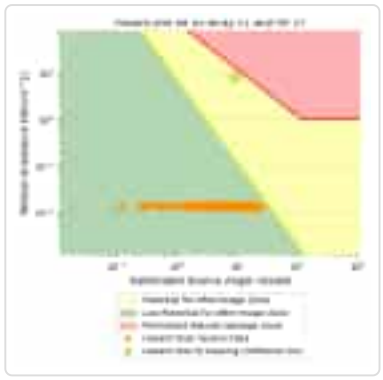
PV array 11: OP 17

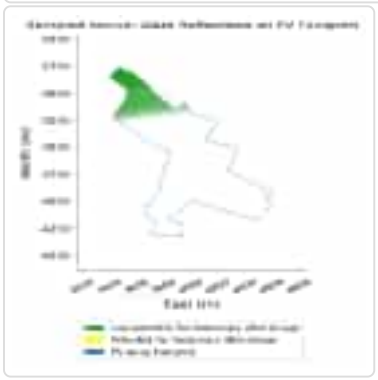
PV array is expected to produce the following glare for this receptor:

- 1,498 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





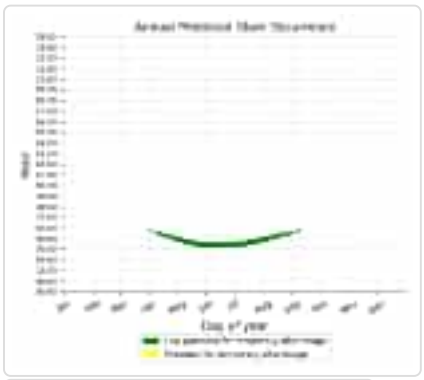


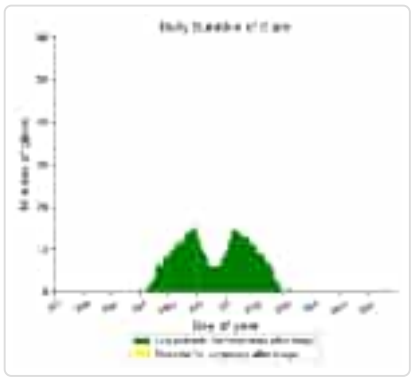


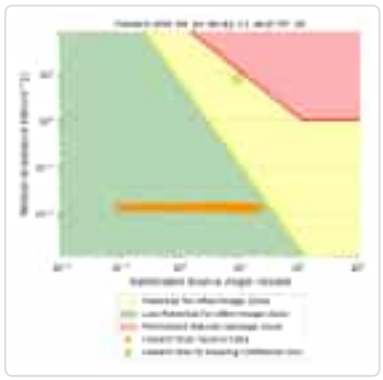
PV array 11: OP 18

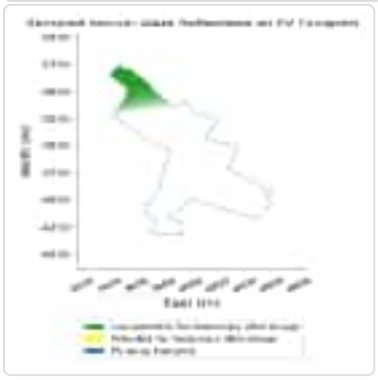
PV array is expected to produce the following glare for this receptor:

- 1,309 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





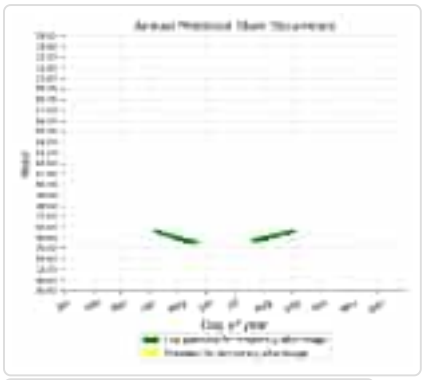


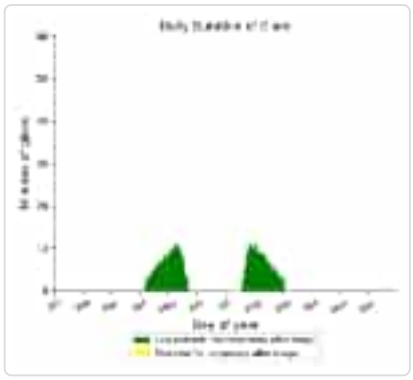


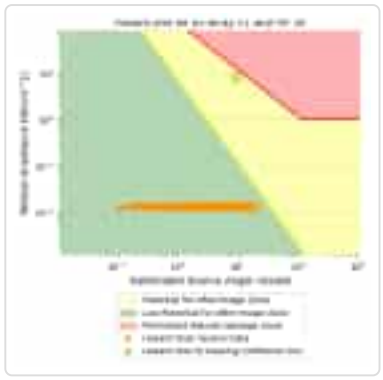
PV array 11: OP 19

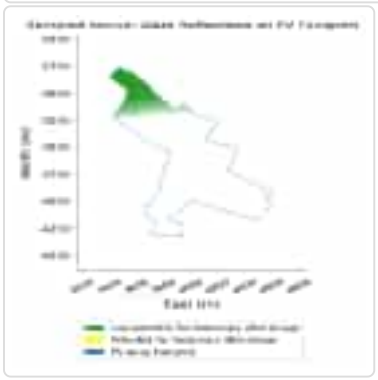
PV array is expected to produce the following glare for this receptor:

- 637 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





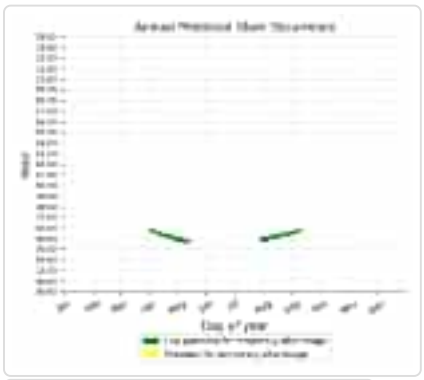


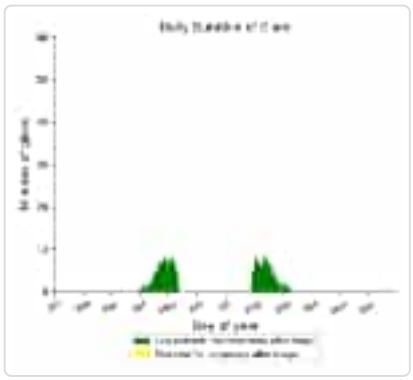


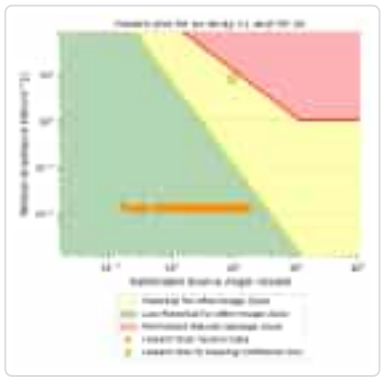
PV array 11: OP 20

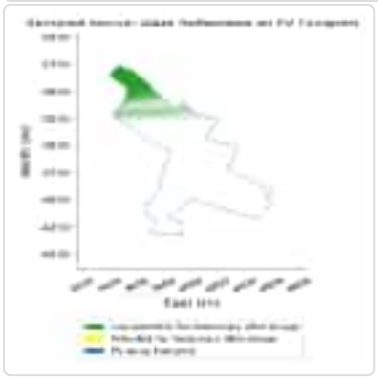
PV array is expected to produce the following glare for this receptor:

- 384 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





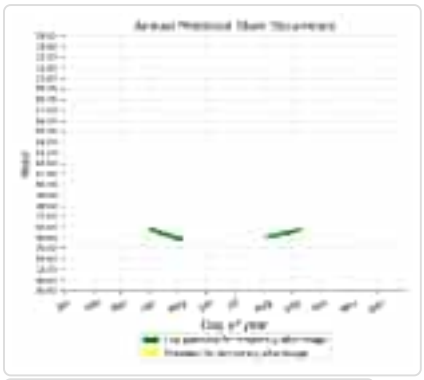


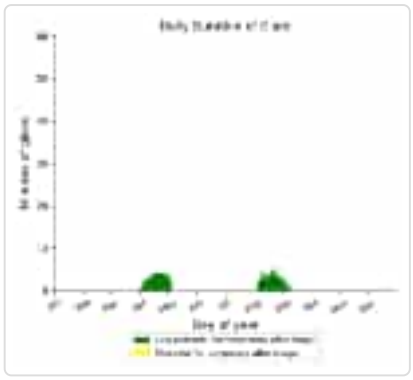


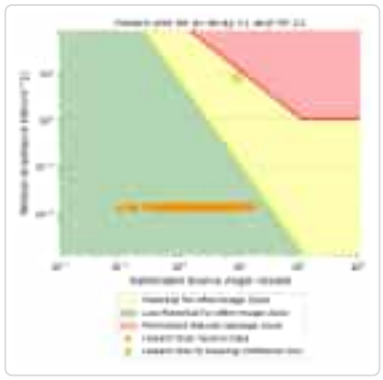
PV array 11: OP 21

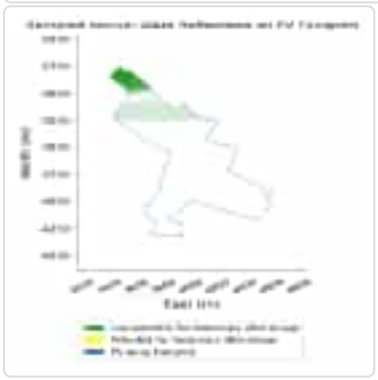
PV array is expected to produce the following glare for this receptor:

- 223 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





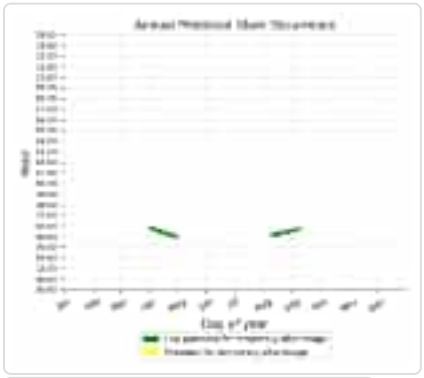


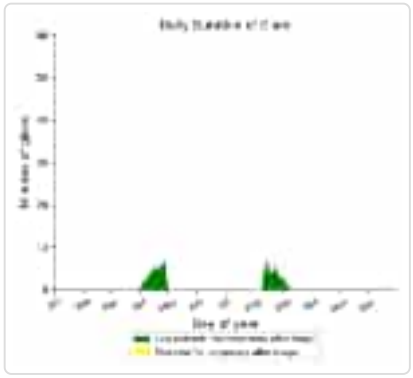


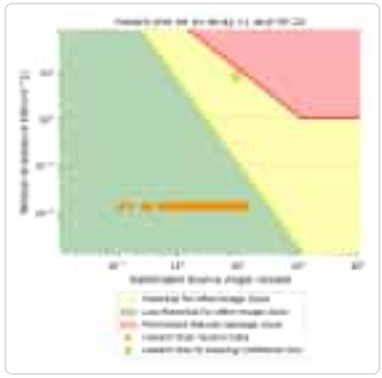
PV array 11: OP 22

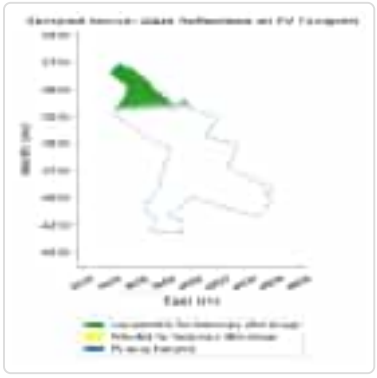
PV array is expected to produce the following glare for this receptor:

- 220 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





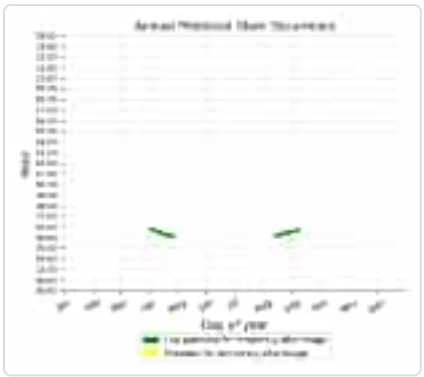


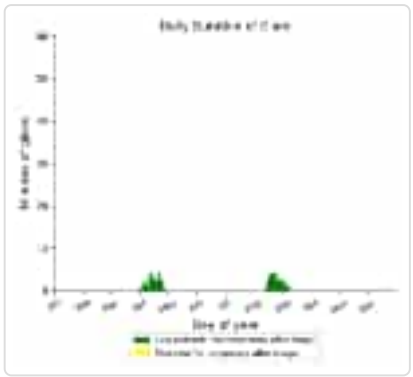


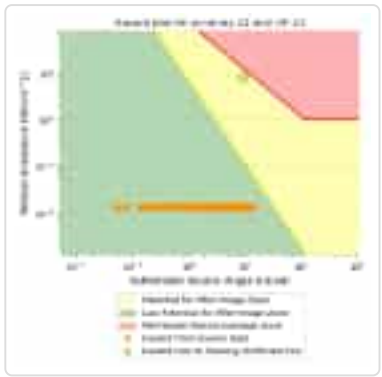
PV array 11: OP 23

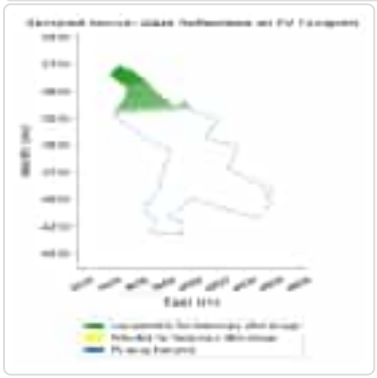
PV array is expected to produce the following glare for this receptor:

- 136 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





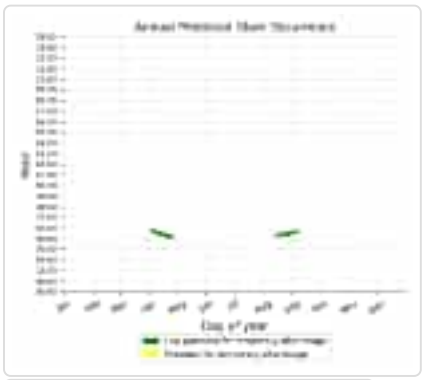


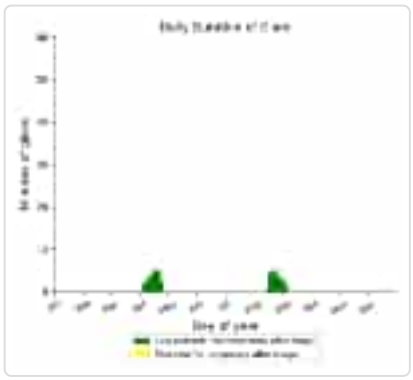


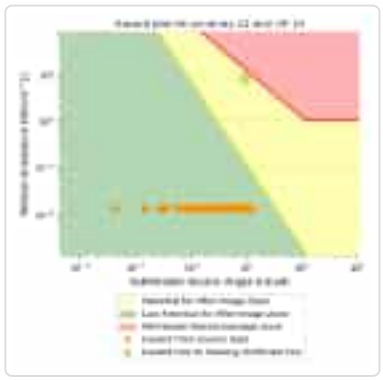
PV array 11: OP 24

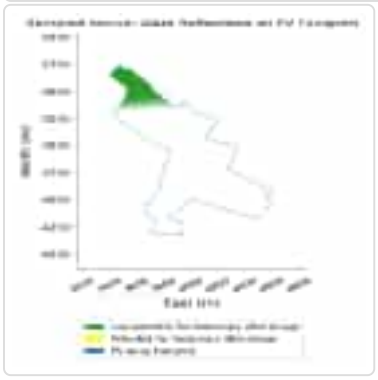
PV array is expected to produce the following glare for this receptor:

- 163 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





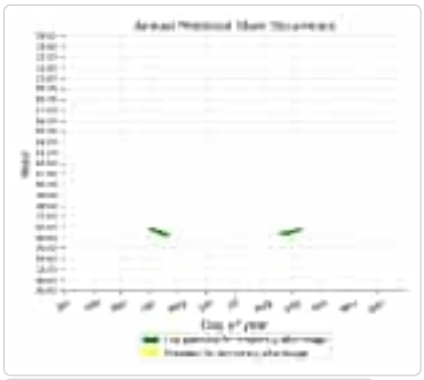


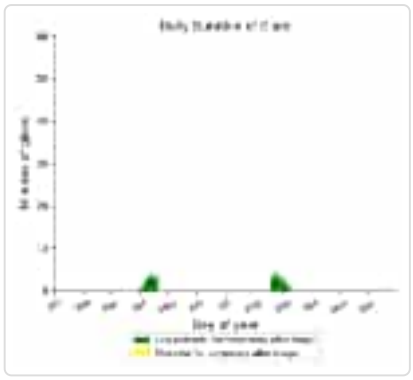


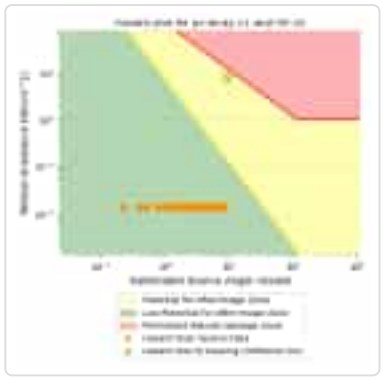
PV array 11: OP 25

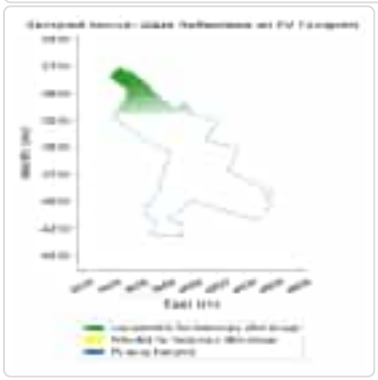
PV array is expected to produce the following glare for this receptor:

- 113 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





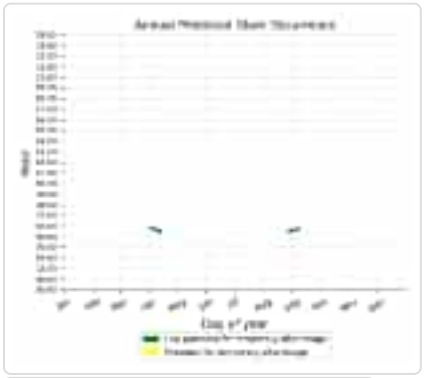


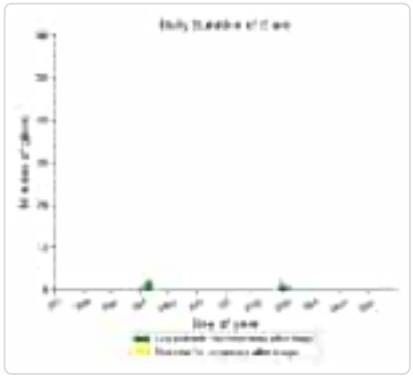


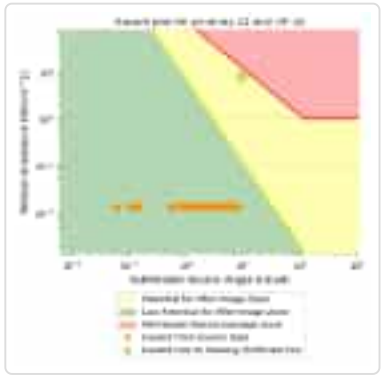
PV array 11: OP 26

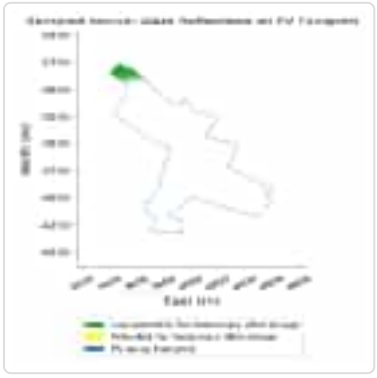
PV array is expected to produce the following glare for this receptor:

- 30 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 27

No glare found

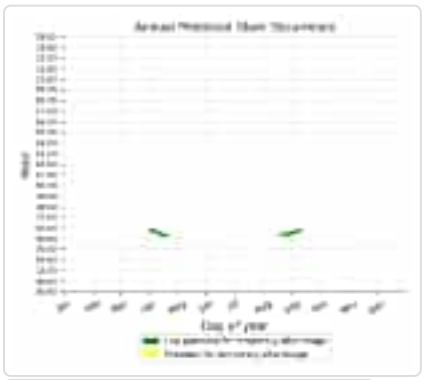
PV array 11: OP 28

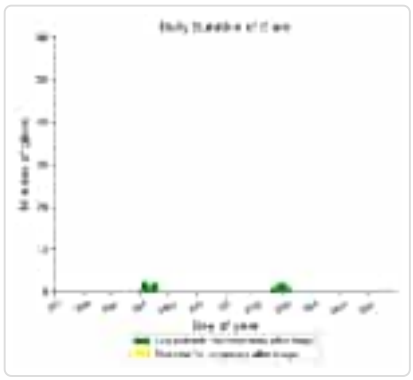
No glare found

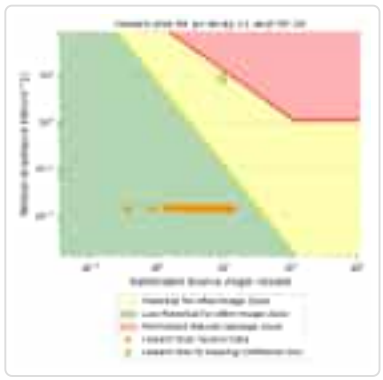
PV array 11: OP 29

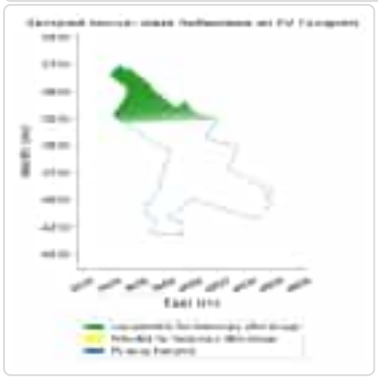
PV array is expected to produce the following glare for this receptor:

- 62 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





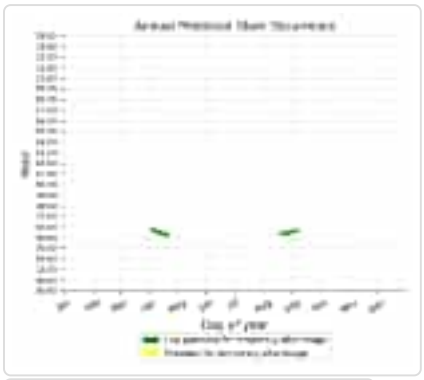


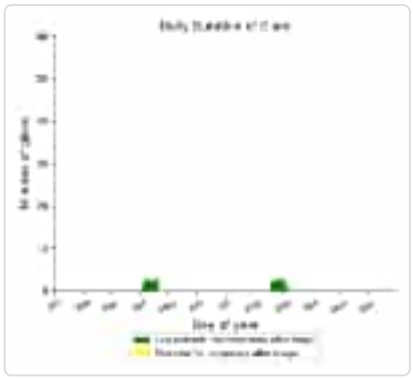


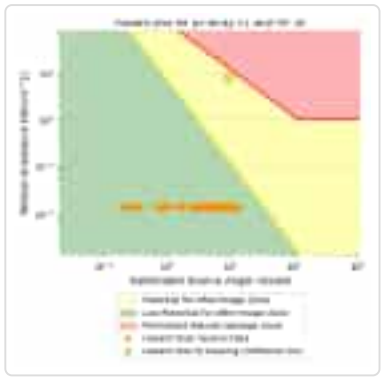
PV array 11: OP 30

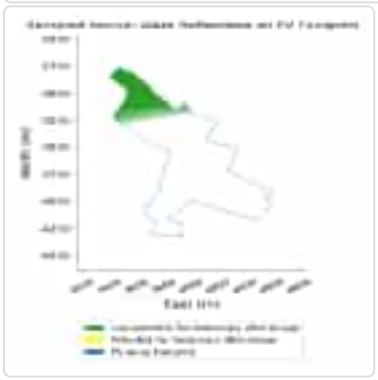
PV array is expected to produce the following glare for this receptor:

- 88 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





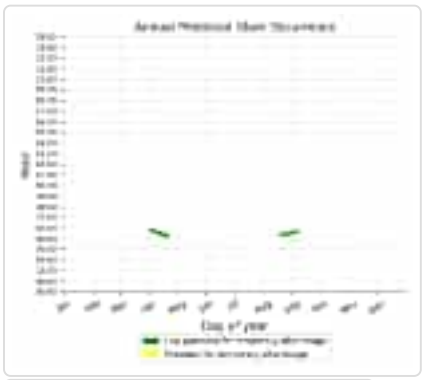


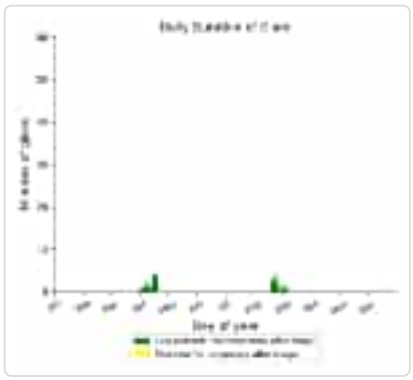


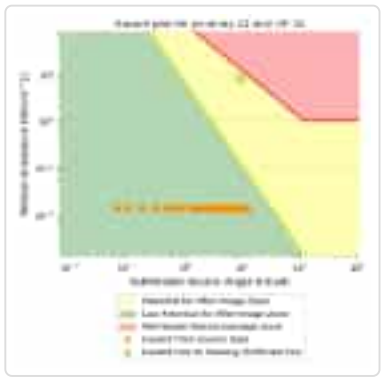
PV array 11: OP 31

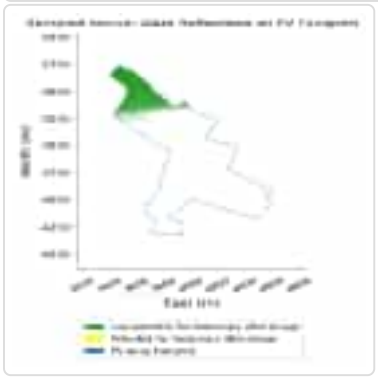
PV array is expected to produce the following glare for this receptor:

- 75 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 32

No glare found

PV array 11: OP 33

No glare found

PV array 11: OP 34

No glare found

PV array 11: OP 35

No glare found

PV array 11: OP 36

No glare found

PV array 11: OP 37

No glare found

PV array 11: OP 38

No glare found

PV array 11: OP 39

No glare found

PV array 11: OP 40

No glare found

PV array 11: OP 41

No glare found

PV array 11: OP 42

No glare found

PV array 11: OP 43

No glare found

PV array 11: OP 44

No glare found

PV array 11: OP 45

No glare found

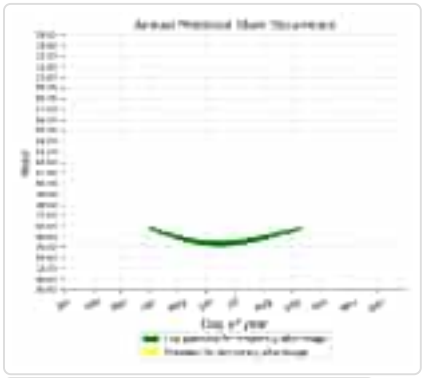
PV array 11: OP 46

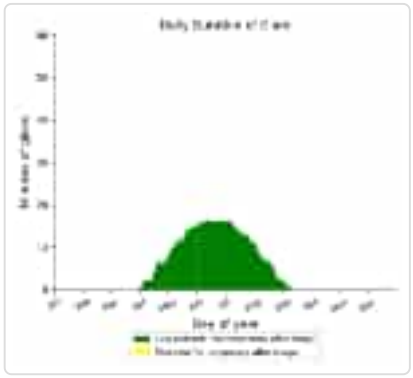
No glare found

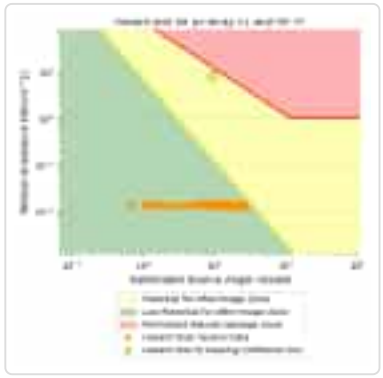
PV array 11: OP 47

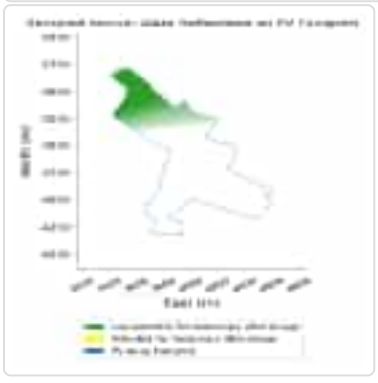
PV array is expected to produce the following glare for this receptor:

- 1,612 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





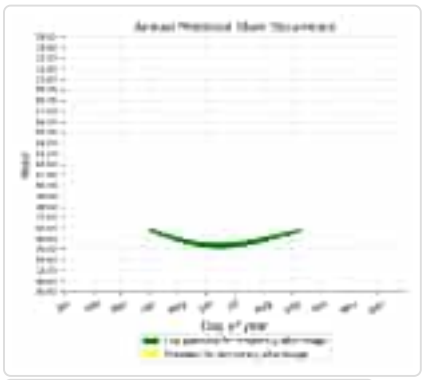


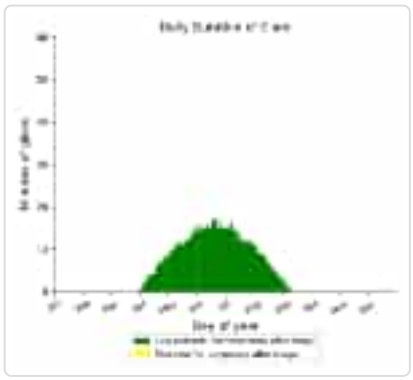


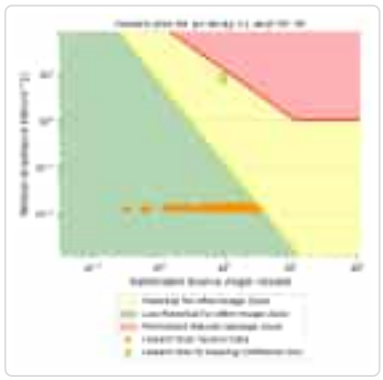
PV array 11: OP 48

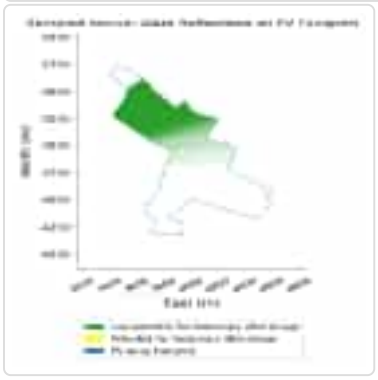
PV array is expected to produce the following glare for this receptor:

- 1,600 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





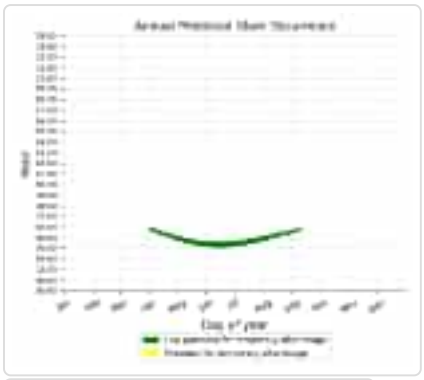


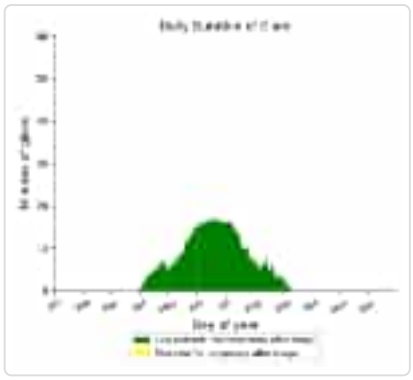


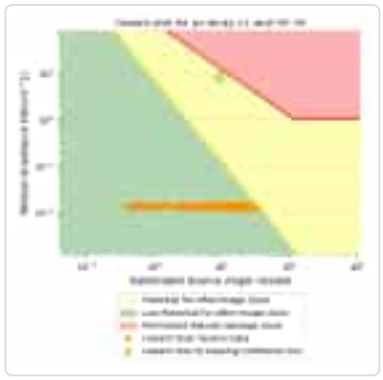
PV array 11: OP 49

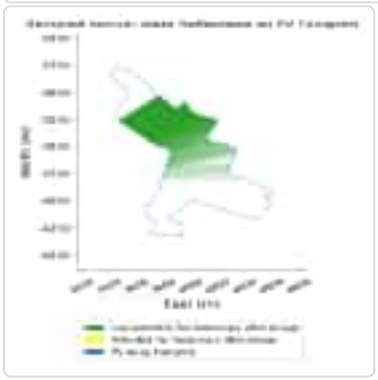
PV array is expected to produce the following glare for this receptor:

- 1,462 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





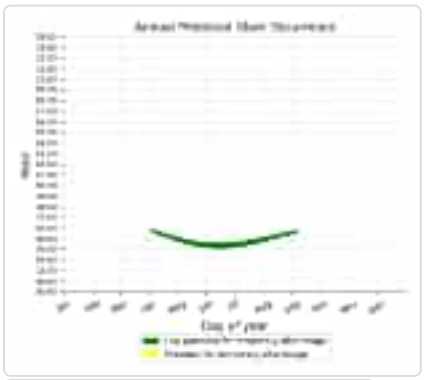


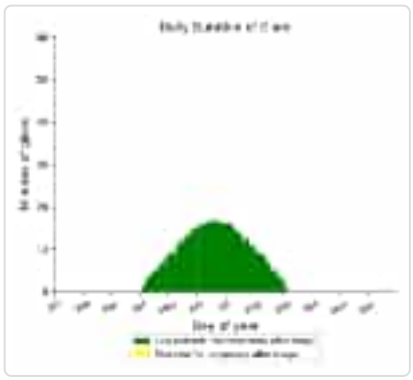


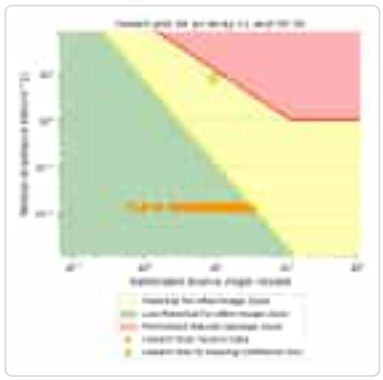
PV array 11: OP 50

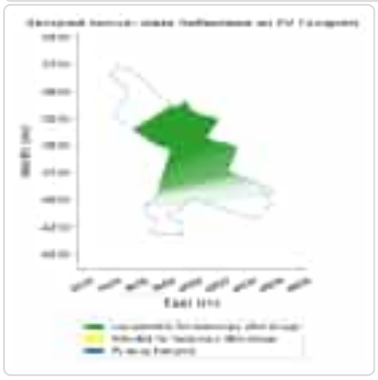
PV array is expected to produce the following glare for this receptor:

- 1,624 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





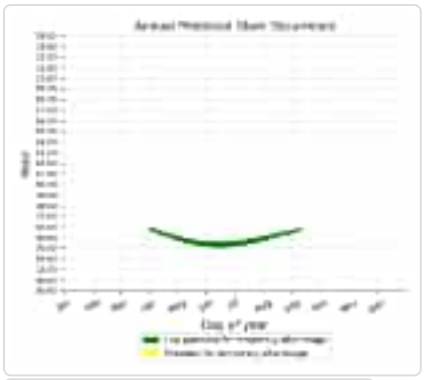


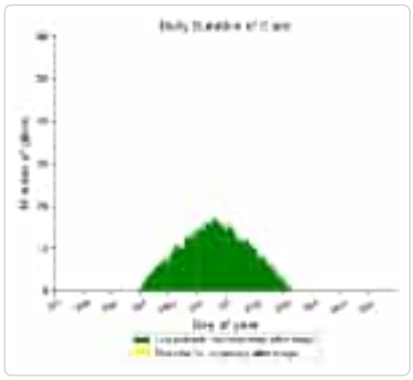


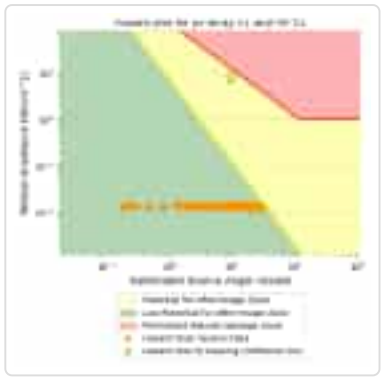
PV array 11: OP 51

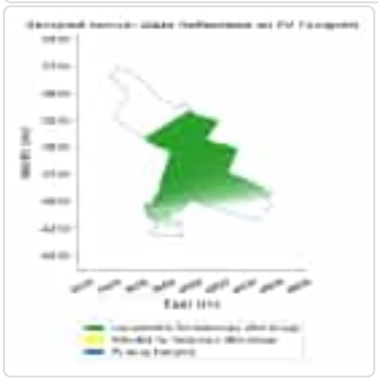
PV array is expected to produce the following glare for this receptor:

- 1,546 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





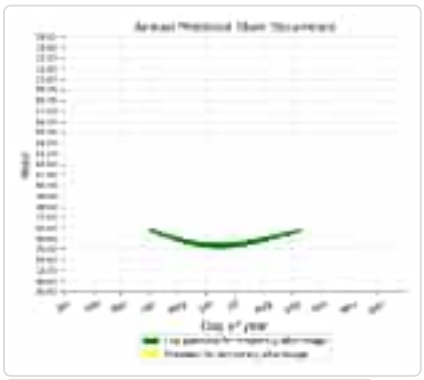


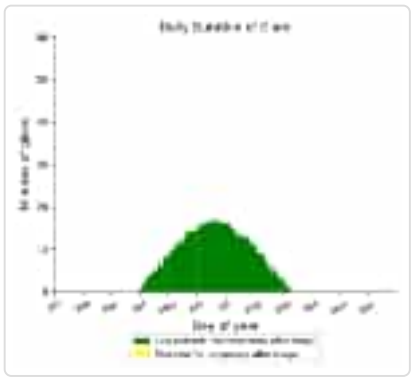


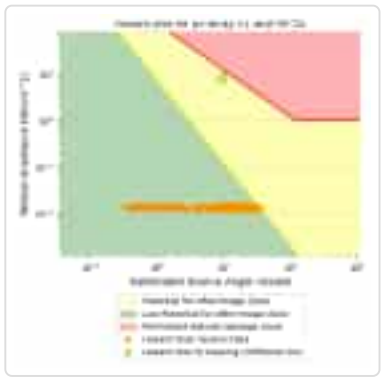
PV array 11: OP 52

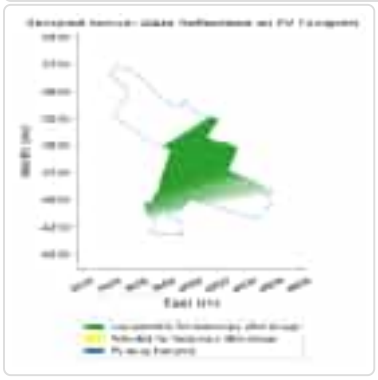
PV array is expected to produce the following glare for this receptor:

- 1,639 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





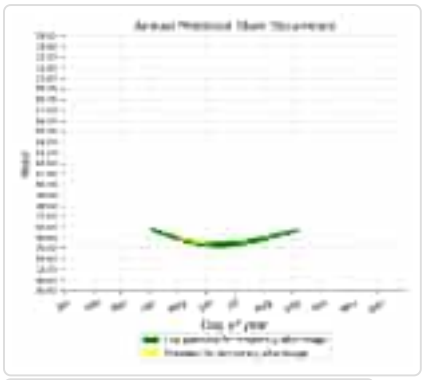


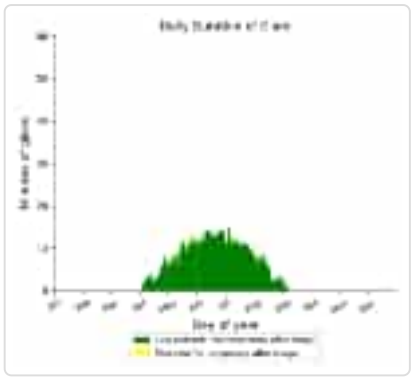


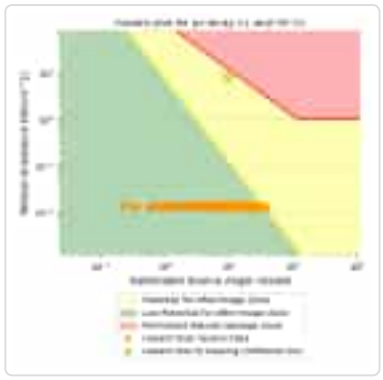
PV array 11: OP 53

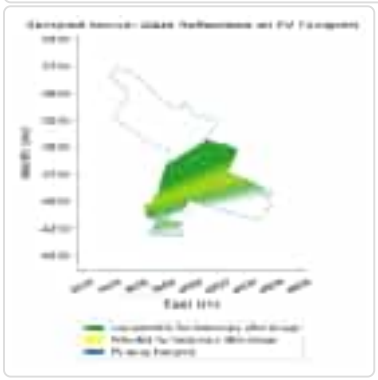
PV array is expected to produce the following glare for this receptor:

- 1,309 minutes of "green" glare with low potential to cause temporary after-image.
- 22 minutes of "yellow" glare with potential to cause temporary after-image.





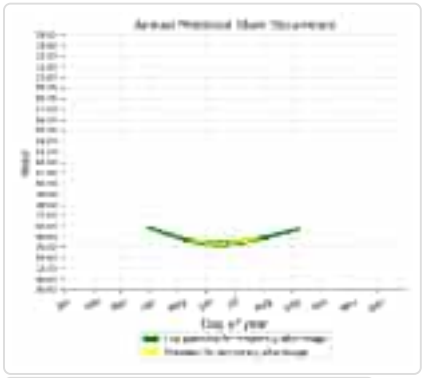


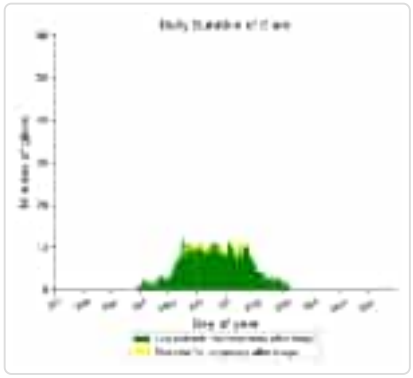


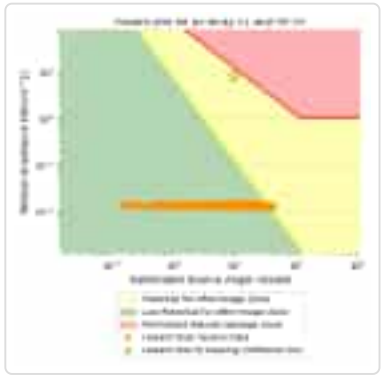
PV array 11: OP 54

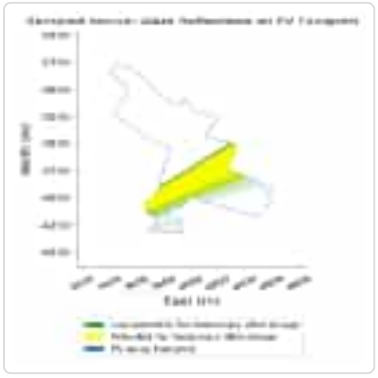
PV array is expected to produce the following glare for this receptor:

- 963 minutes of "green" glare with low potential to cause temporary after-image.
- 65 minutes of "yellow" glare with potential to cause temporary after-image.





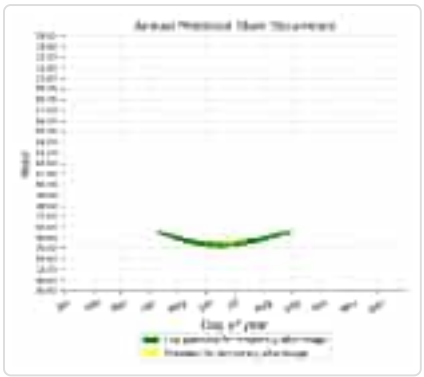


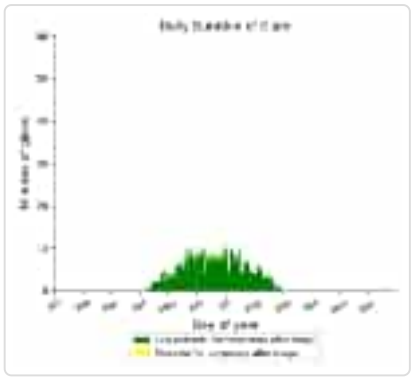


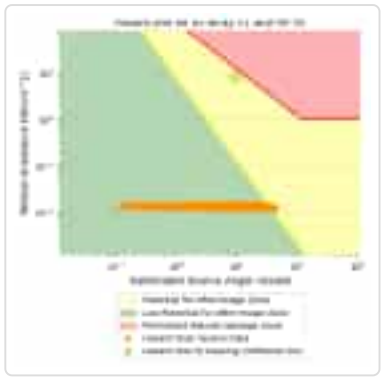
PV array 11: OP 55

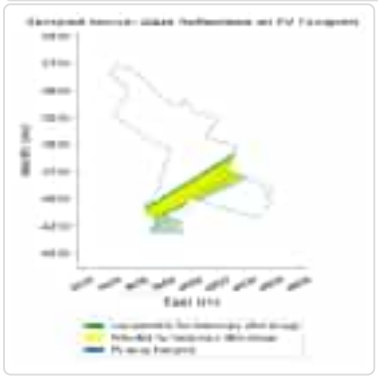
PV array is expected to produce the following glare for this receptor:

- 780 minutes of "green" glare with low potential to cause temporary after-image.
- 12 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 56

No glare found

PV array 11: OP 57

No glare found

PV array 11: OP 58

No glare found

PV array 11: OP 59

No glare found

PV array 11: OP 60

No glare found

PV array 11: OP 61

No glare found

PV array 11: OP 62

No glare found

PV array 11: OP 63

No glare found

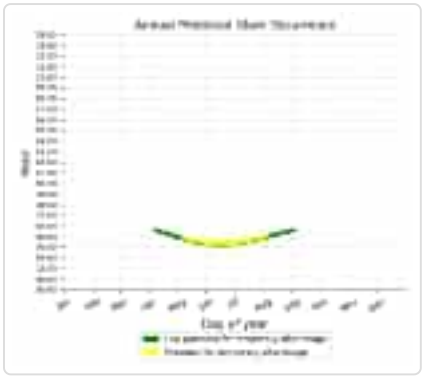
PV array 11: OP 64

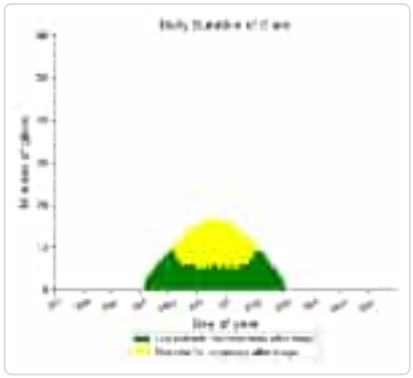
No glare found

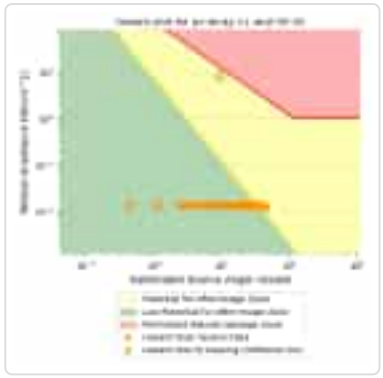
PV array 11: OP 65

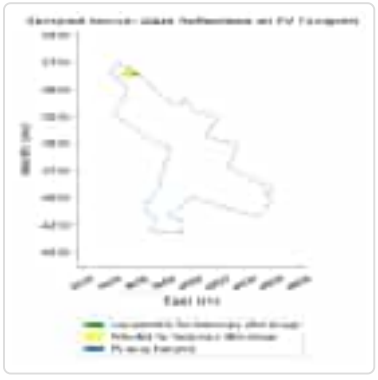
PV array is expected to produce the following glare for this receptor:

- 896 minutes of "green" glare with low potential to cause temporary after-image.
- 750 minutes of "yellow" glare with potential to cause temporary after-image.





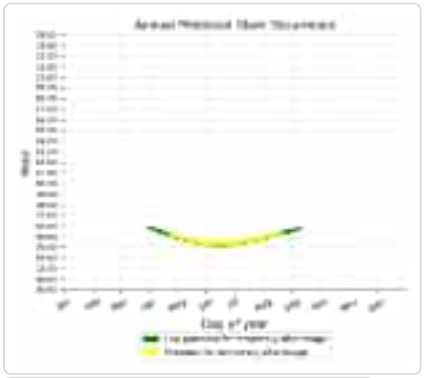


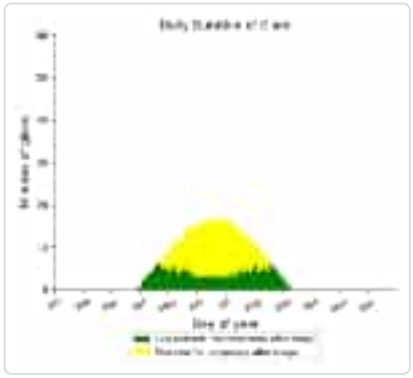


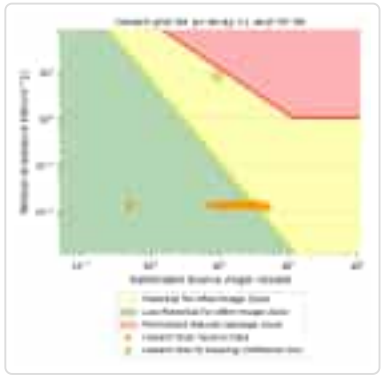
PV array 11: OP 66

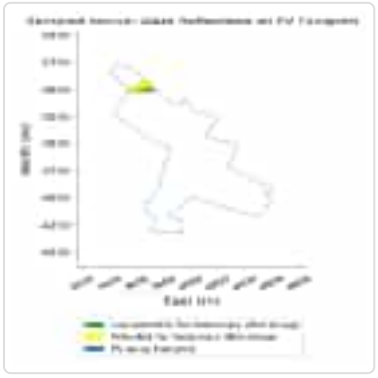
PV array is expected to produce the following glare for this receptor:

- 623 minutes of "green" glare with low potential to cause temporary after-image.
- 1,059 minutes of "yellow" glare with potential to cause temporary after-image.





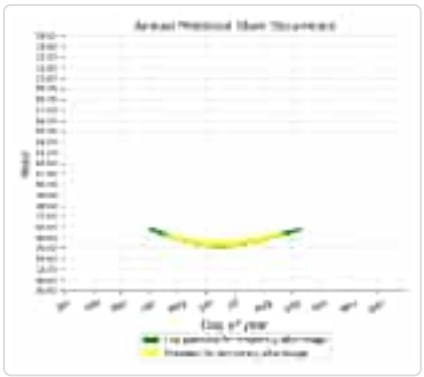


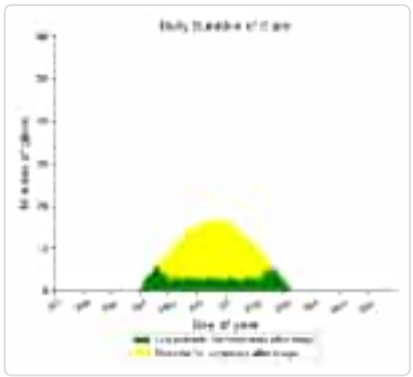


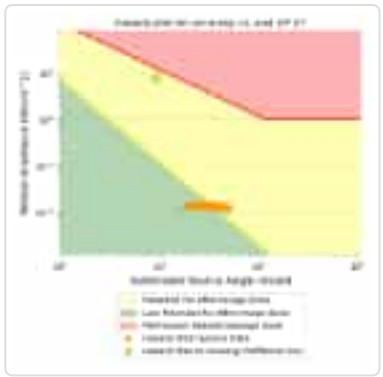
PV array 11: OP 67

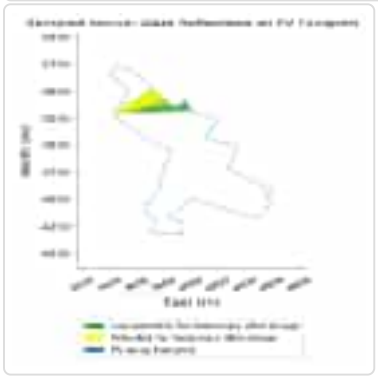
PV array is expected to produce the following glare for this receptor:

- 504 minutes of "green" glare with low potential to cause temporary after-image.
- 1,176 minutes of "yellow" glare with potential to cause temporary after-image.





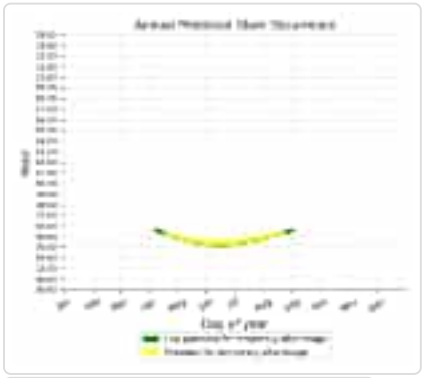


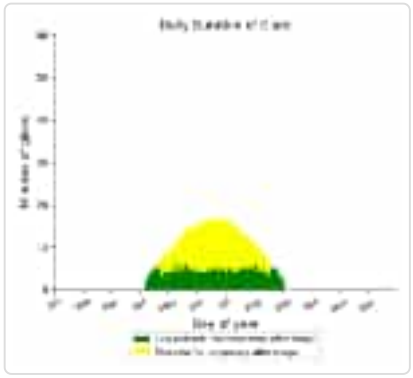


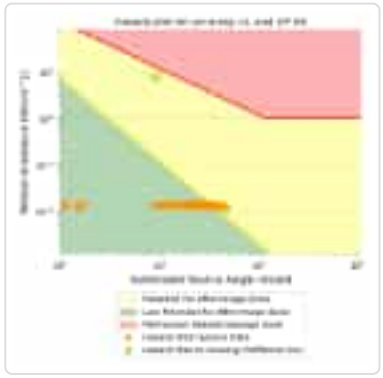
PV array 11: OP 68

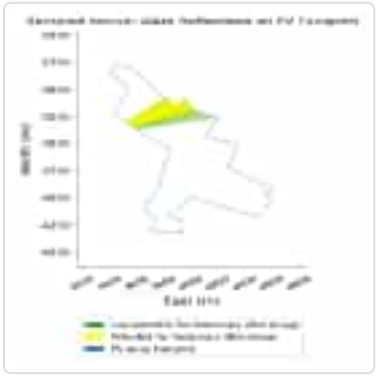
PV array is expected to produce the following glare for this receptor:

- 667 minutes of "green" glare with low potential to cause temporary after-image.
- 998 minutes of "yellow" glare with potential to cause temporary after-image.





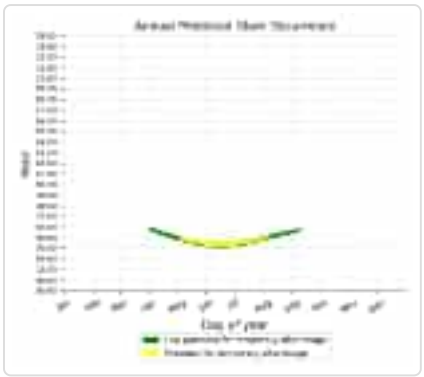


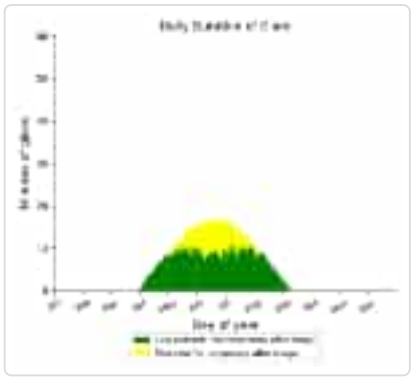


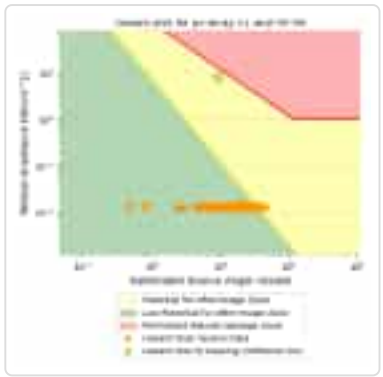
PV array 11: OP 69

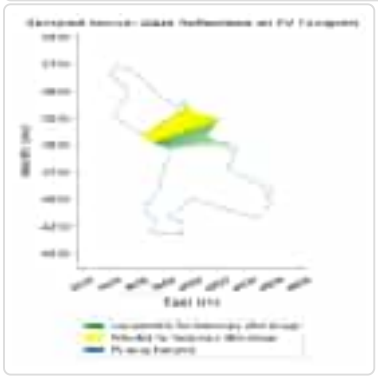
PV array is expected to produce the following glare for this receptor:

- 1,184 minutes of "green" glare with low potential to cause temporary after-image.
- 474 minutes of "yellow" glare with potential to cause temporary after-image.





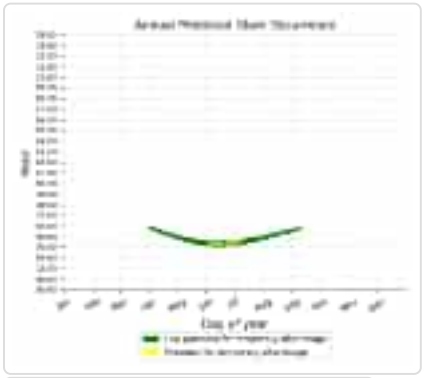


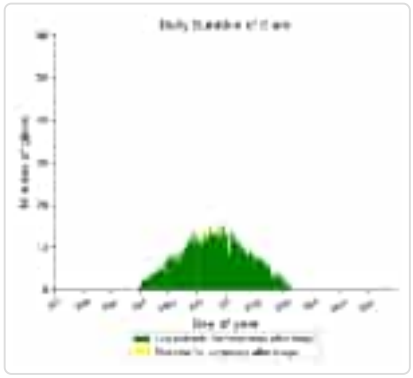


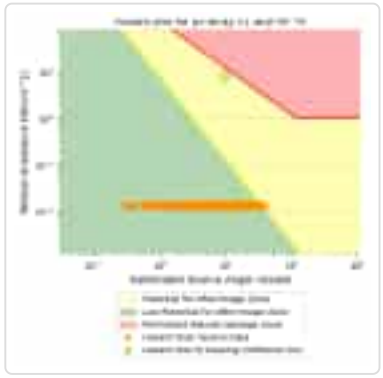
PV array 11: OP 70

PV array is expected to produce the following glare for this receptor:

- 1,282 minutes of "green" glare with low potential to cause temporary after-image.
- 24 minutes of "yellow" glare with potential to cause temporary after-image.



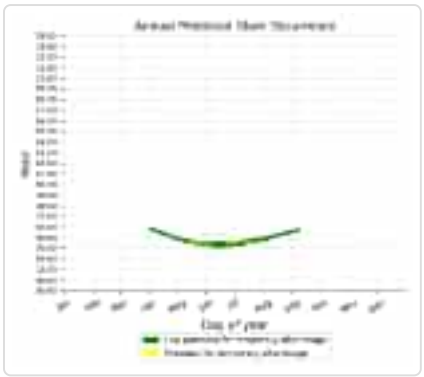


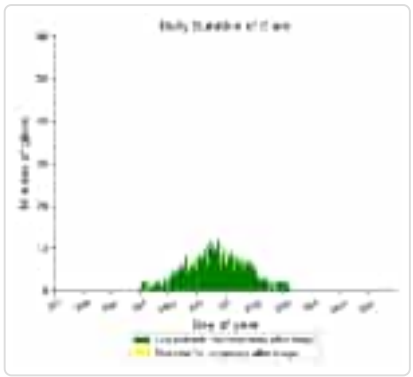


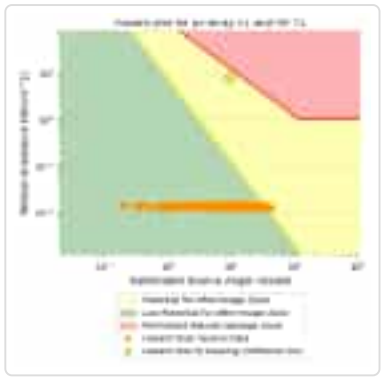
PV array 11: OP 71

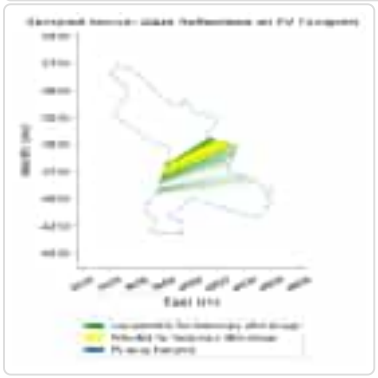
PV array is expected to produce the following glare for this receptor:

- 768 minutes of "green" glare with low potential to cause temporary after-image.
- 15 minutes of "yellow" glare with potential to cause temporary after-image.





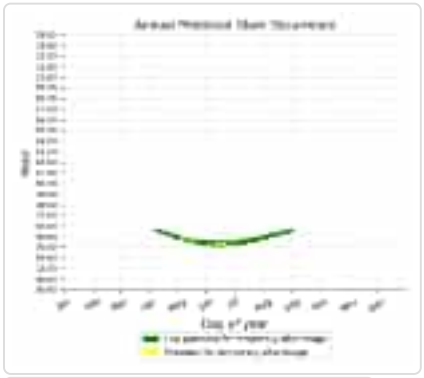


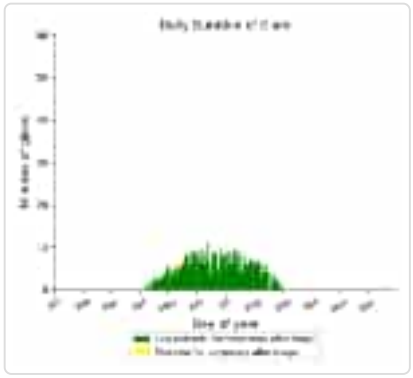


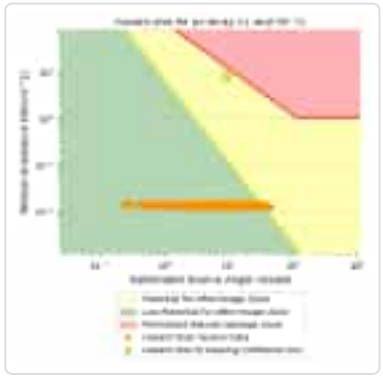
PV array 11: OP 72

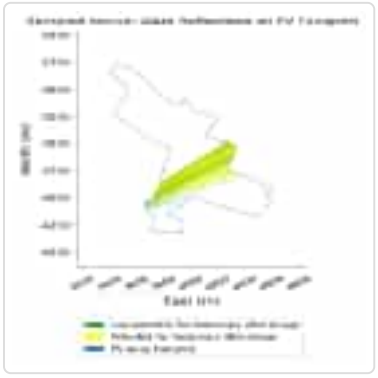
PV array is expected to produce the following glare for this receptor:

- 801 minutes of "green" glare with low potential to cause temporary after-image.
- 16 minutes of "yellow" glare with potential to cause temporary after-image.





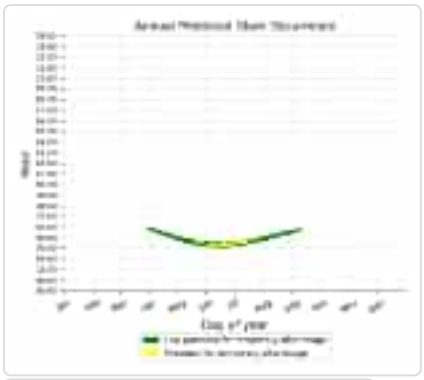


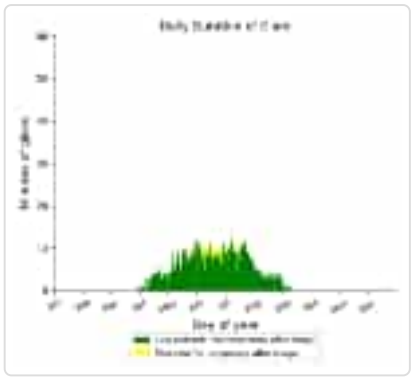


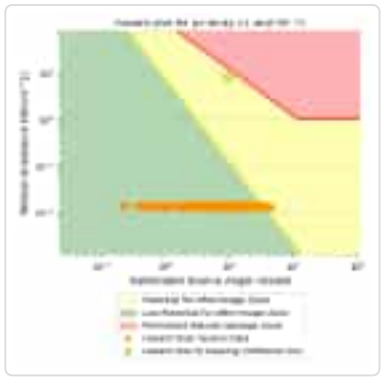
PV array 11: OP 73

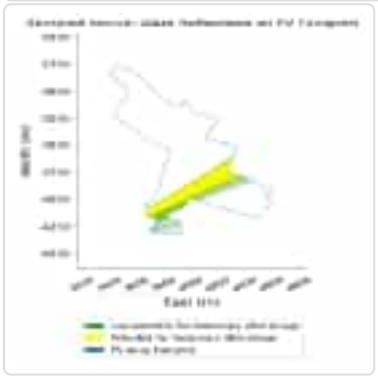
PV array is expected to produce the following glare for this receptor:

- 978 minutes of "green" glare with low potential to cause temporary after-image.
- 57 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)

OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	279	0
OP: OP 52	416	0
OP: OP 53	577	0
OP: OP 54	775	0

OP: OP 55	1132	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	260	0
OP: OP 73	780	0

PV array 12: OP 1

No glare found

PV array 12: OP 2

No glare found

PV array 12: OP 3

No glare found

PV array 12: OP 4

No glare found

PV array 12: OP 5

No glare found

PV array 12: OP 6

No glare found

PV array 12: OP 7

No glare found

PV array 12: OP 8

No glare found

PV array 12: OP 9

No glare found

PV array 12: OP 10

No glare found

PV array 12: OP 11

No glare found

PV array 12: OP 12

No glare found

PV array 12: OP 13

No glare found

PV array 12: OP 14

No glare found

PV array 12: OP 15

No glare found

PV array 12: OP 16

No glare found

PV array 12: OP 17

No glare found

PV array 12: OP 18

No glare found

PV array 12: OP 19

No glare found

PV array 12: OP 20

No glare found

PV array 12: OP 21

No glare found

PV array 12: OP 22

No glare found

PV array 12: OP 23

No glare found

PV array 12: OP 24

No glare found

PV array 12: OP 25

No glare found

PV array 12: OP 26

No glare found

PV array 12: OP 27

No glare found

PV array 12: OP 28

No glare found

PV array 12: OP 29

No glare found

PV array 12: OP 30

No glare found

PV array 12: OP 31

No glare found

PV array 12: OP 32

No glare found

PV array 12: OP 33

No glare found

PV array 12: OP 34

No glare found

PV array 12: OP 35

No glare found

PV array 12: OP 36

No glare found

PV array 12: OP 37

No glare found

PV array 12: OP 38

No glare found

PV array 12: OP 39

No glare found

PV array 12: OP 40

No glare found

PV array 12: OP 41

No glare found

PV array 12: OP 42

No glare found

PV array 12: OP 43

No glare found

PV array 12: OP 44

No glare found

PV array 12: OP 45

No glare found

PV array 12: OP 46

No glare found

PV array 12: OP 47

No glare found

PV array 12: OP 48

No glare found

PV array 12: OP 49

No glare found

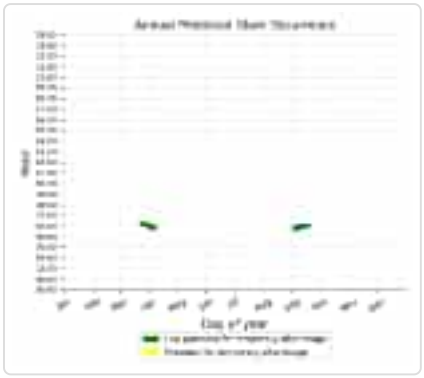
PV array 12: OP 50

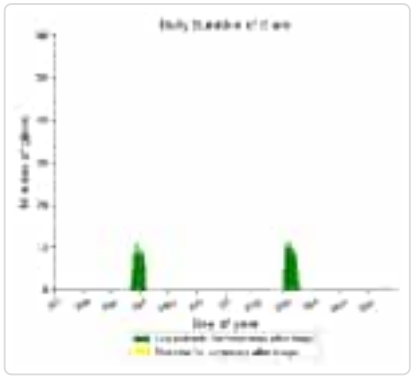
No glare found

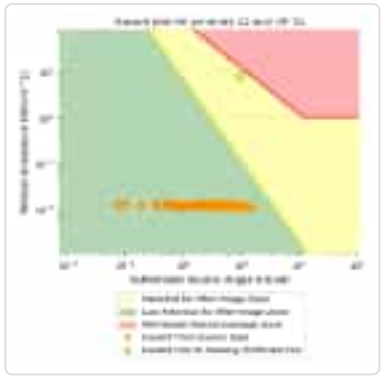
PV array 12: OP 51

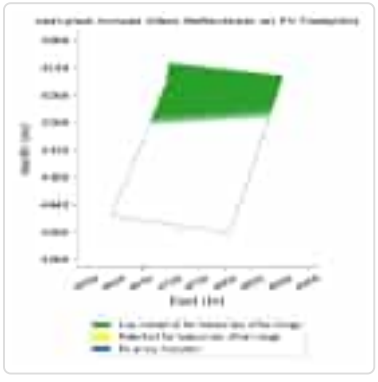
PV array is expected to produce the following glare for this receptor:

- 279 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





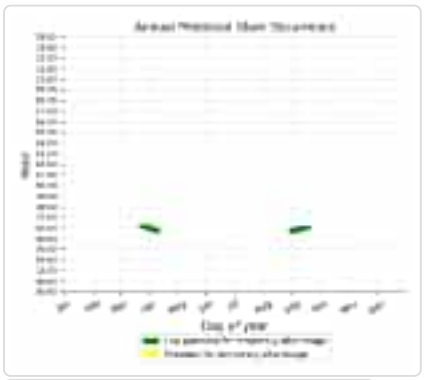


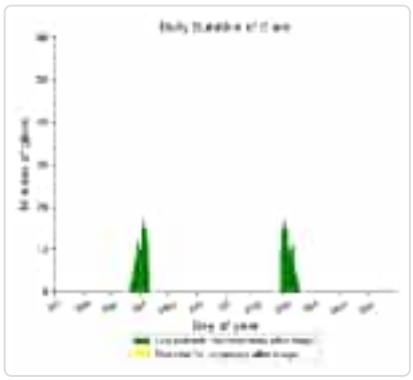


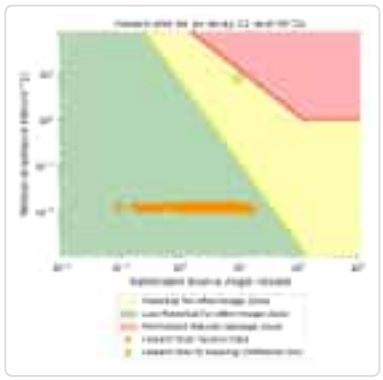
PV array 12: OP 52

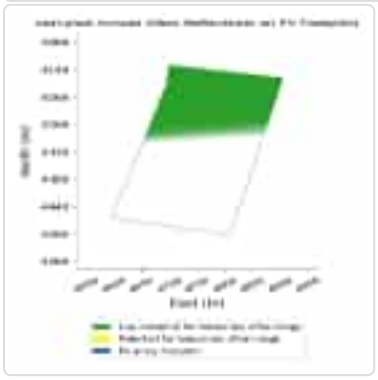
PV array is expected to produce the following glare for this receptor:

- 416 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





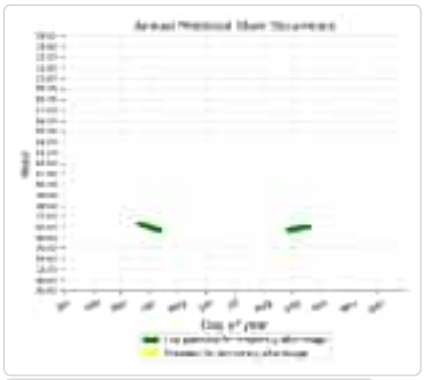


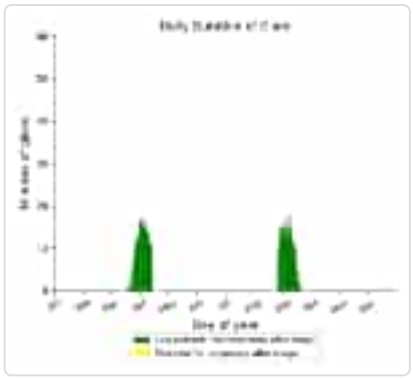


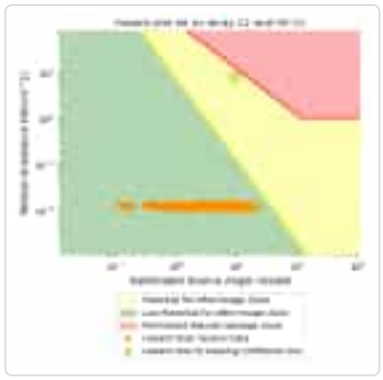
PV array 12: OP 53

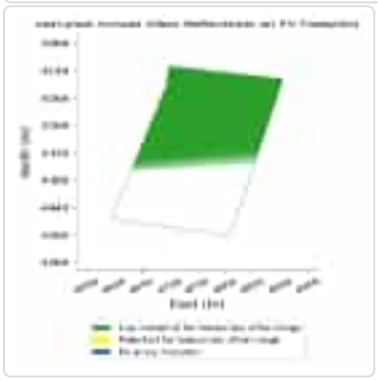
PV array is expected to produce the following glare for this receptor:

- 577 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





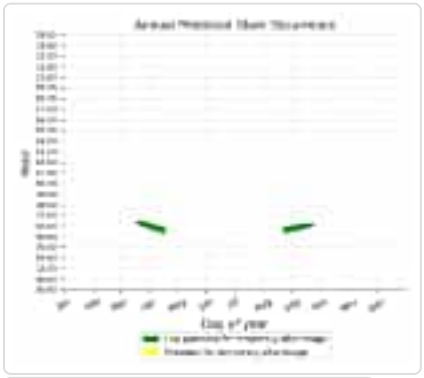


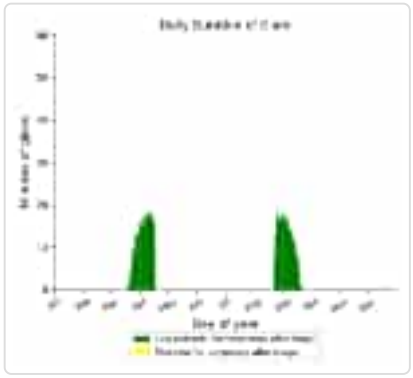


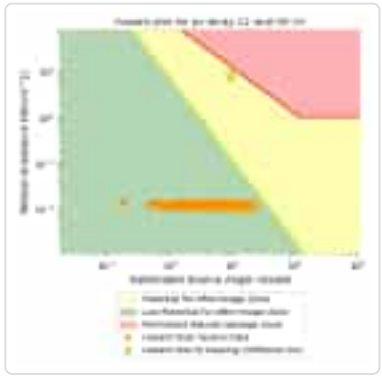
PV array 12: OP 54

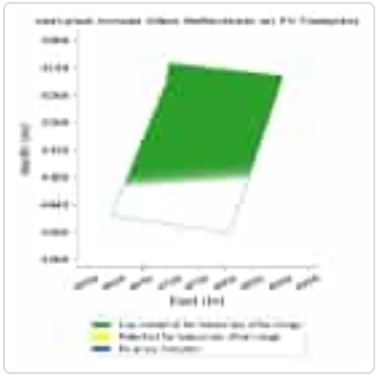
PV array is expected to produce the following glare for this receptor:

- 775 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





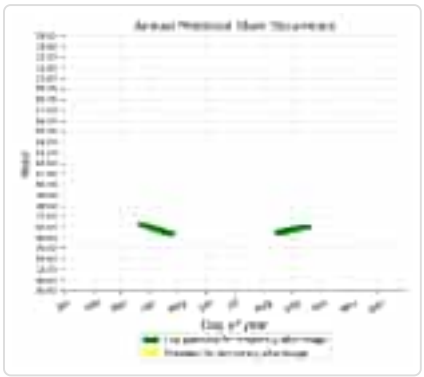


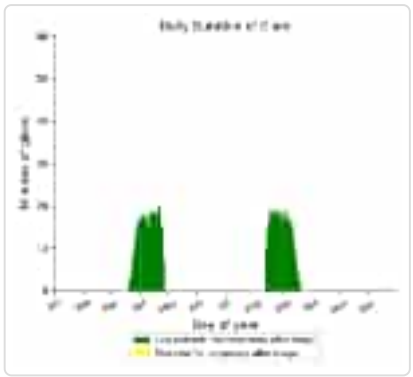


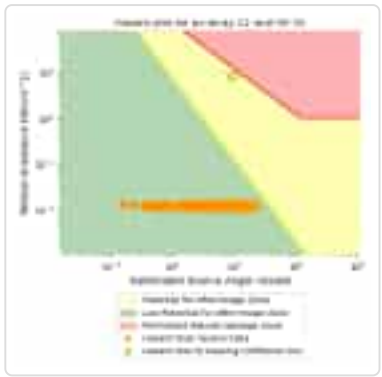
PV array 12: OP 55

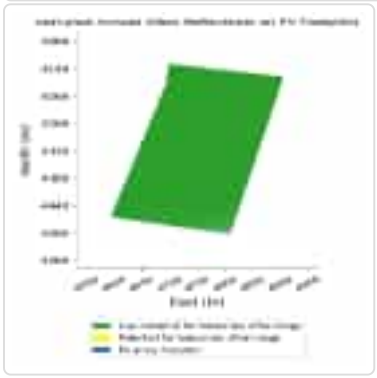
PV array is expected to produce the following glare for this receptor:

- 1,132 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12: OP 56

No glare found

PV array 12: OP 57

No glare found

PV array 12: OP 58

No glare found

PV array 12: OP 59

No glare found

PV array 12: OP 60

No glare found

PV array 12: OP 61

No glare found

PV array 12: OP 62

No glare found

PV array 12: OP 63

No glare found

PV array 12: OP 64

No glare found

PV array 12: OP 65

No glare found

PV array 12: OP 66

No glare found

PV array 12: OP 67

No glare found

PV array 12: OP 68

No glare found

PV array 12: OP 69

No glare found

PV array 12: OP 70

No glare found

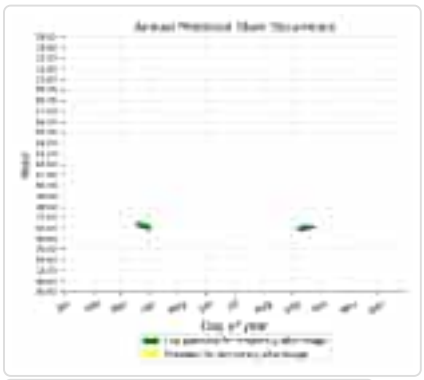
PV array 12: OP 71

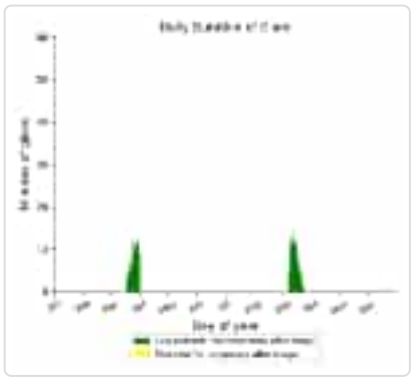
No glare found

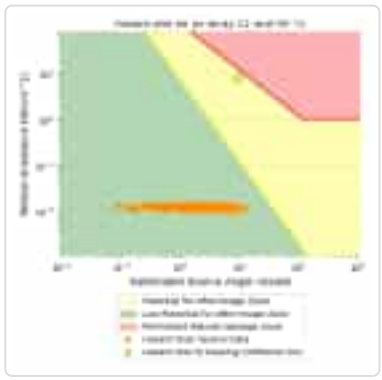
PV array 12: OP 72

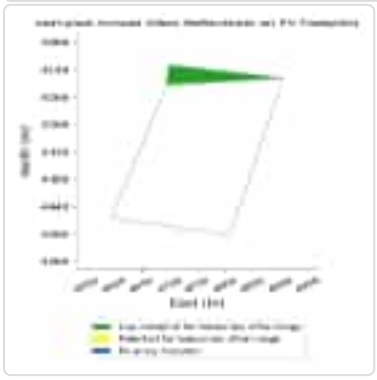
PV array is expected to produce the following glare for this receptor:

- 260 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





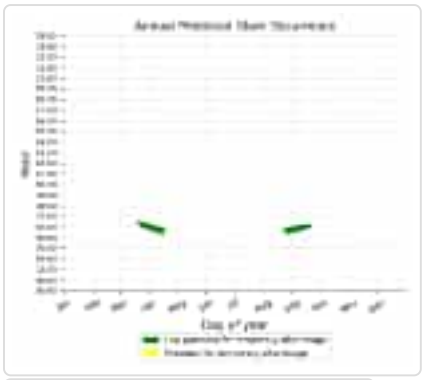


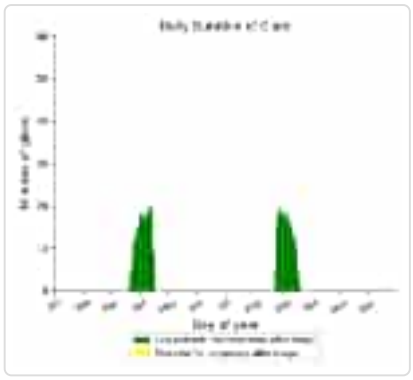


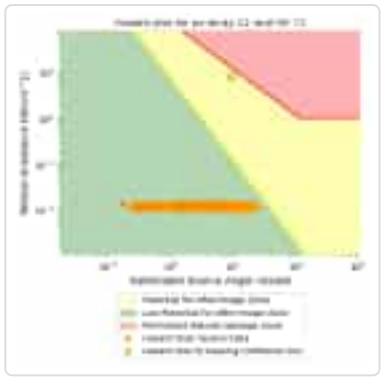
PV array 12: OP 73

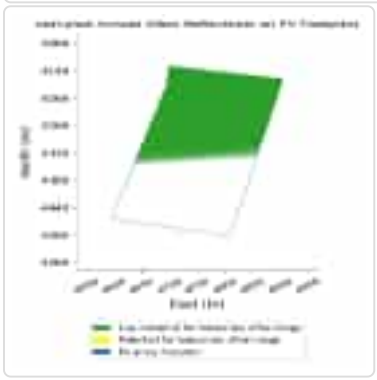
PV array is expected to produce the following glare for this receptor:

- 780 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 13 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)

OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	423	0
OP: OP 54	589	0

OP: OP 55	1103	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	25	0
OP: OP 73	411	0

PV array 13: OP 1

No glare found

PV array 13: OP 2

No glare found

PV array 13: OP 3

No glare found

PV array 13: OP 4

No glare found

PV array 13: OP 5

No glare found

PV array 13: OP 6

No glare found

PV array 13: OP 7

No glare found

PV array 13: OP 8

No glare found

PV array 13: OP 9

No glare found

PV array 13: OP 10

No glare found

PV array 13: OP 11

No glare found

PV array 13: OP 12

No glare found

PV array 13: OP 13

No glare found

PV array 13: OP 14

No glare found

PV array 13: OP 15

No glare found

PV array 13: OP 16

No glare found

PV array 13: OP 17

No glare found

PV array 13: OP 18

No glare found

PV array 13: OP 19

No glare found

PV array 13: OP 20

No glare found

PV array 13: OP 21

No glare found

PV array 13: OP 22

No glare found

PV array 13: OP 23

No glare found

PV array 13: OP 24

No glare found

PV array 13: OP 25

No glare found

PV array 13: OP 26

No glare found

PV array 13: OP 27

No glare found

PV array 13: OP 28

No glare found

PV array 13: OP 29

No glare found

PV array 13: OP 30

No glare found

PV array 13: OP 31

No glare found

PV array 13: OP 32

No glare found

PV array 13: OP 33

No glare found

PV array 13: OP 34

No glare found

PV array 13: OP 35

No glare found

PV array 13: OP 36

No glare found

PV array 13: OP 37

No glare found

PV array 13: OP 38

No glare found

PV array 13: OP 39

No glare found

PV array 13: OP 40

No glare found

PV array 13: OP 41

No glare found

PV array 13: OP 42

No glare found

PV array 13: OP 43

No glare found

PV array 13: OP 44

No glare found

PV array 13: OP 45

No glare found

PV array 13: OP 46

No glare found

PV array 13: OP 47

No glare found

PV array 13: OP 48

No glare found

PV array 13: OP 49

No glare found

PV array 13: OP 50

No glare found

PV array 13: OP 51

No glare found

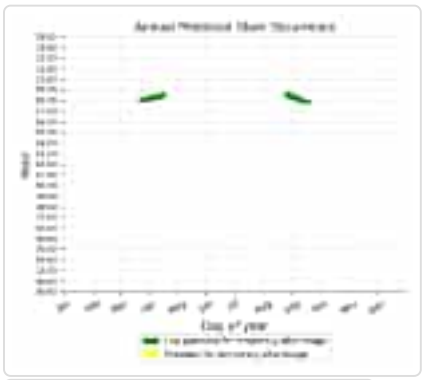
PV array 13: OP 52

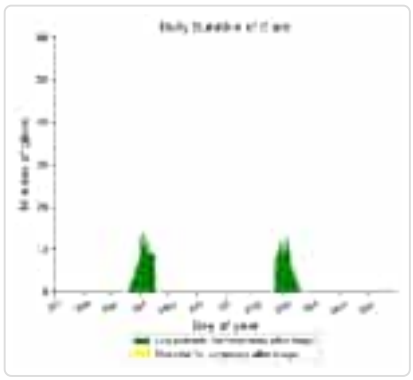
No glare found

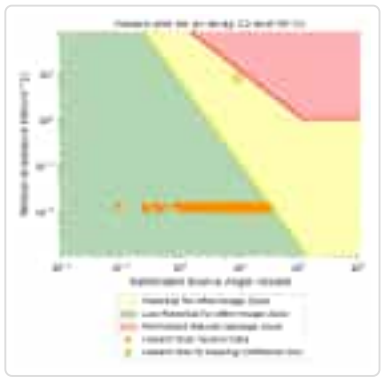
PV array 13: OP 53

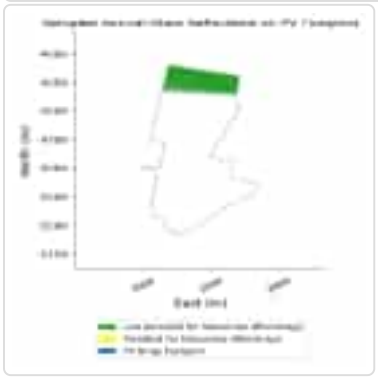
PV array is expected to produce the following glare for this receptor:

- 423 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





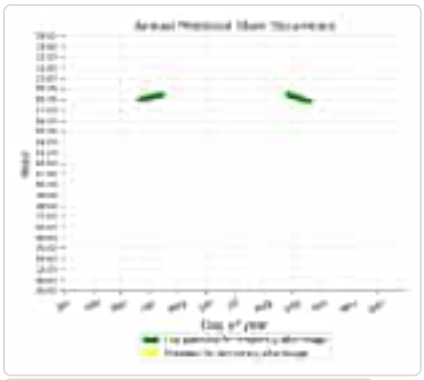


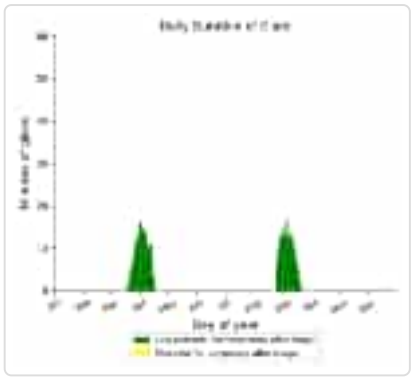


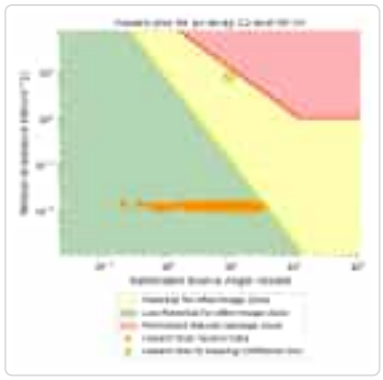
PV array 13: OP 54

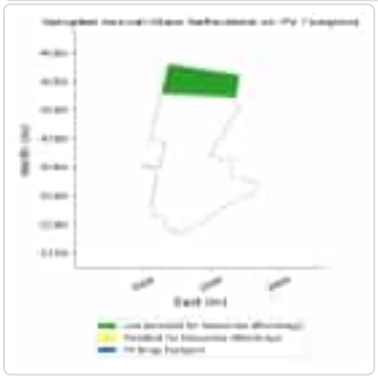
PV array is expected to produce the following glare for this receptor:

- 589 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





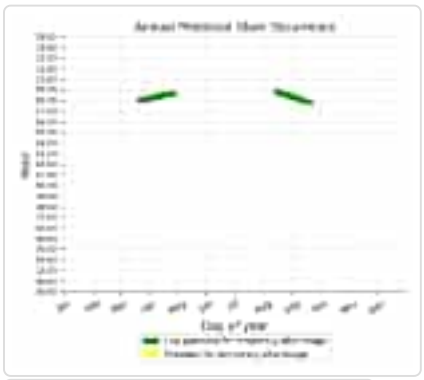


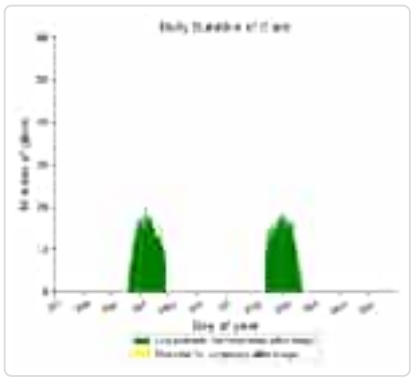


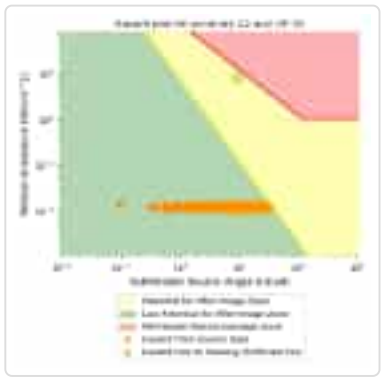
PV array 13: OP 55

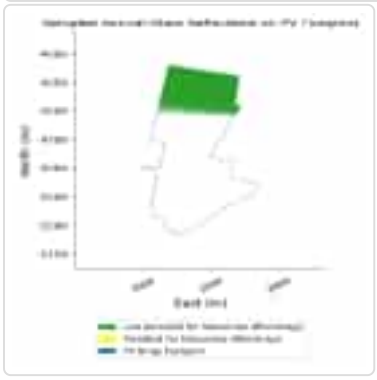
PV array is expected to produce the following glare for this receptor:

- 1,103 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 13: OP 56

No glare found

PV array 13: OP 57

No glare found

PV array 13: OP 58

No glare found

PV array 13: OP 59

No glare found

PV array 13: OP 60

No glare found

PV array 13: OP 61

No glare found

PV array 13: OP 62

No glare found

PV array 13: OP 63

No glare found

PV array 13: OP 64

No glare found

PV array 13: OP 65

No glare found

PV array 13: OP 66

No glare found

PV array 13: OP 67

No glare found

PV array 13: OP 68

No glare found

PV array 13: OP 69

No glare found

PV array 13: OP 70

No glare found

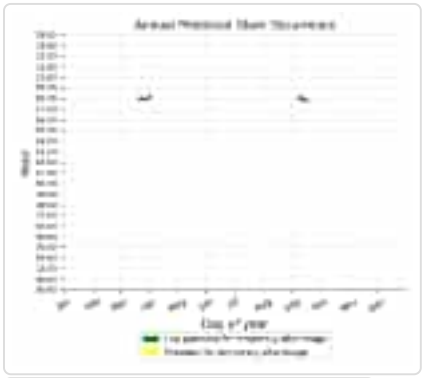
PV array 13: OP 71

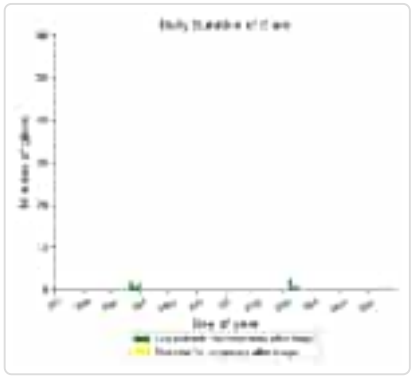
No glare found

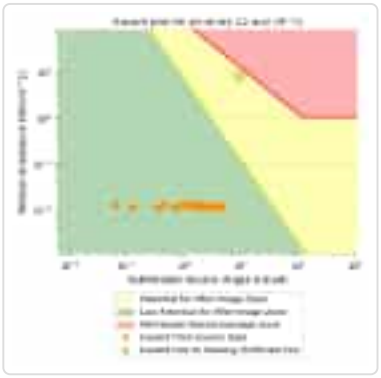
PV array 13: OP 72

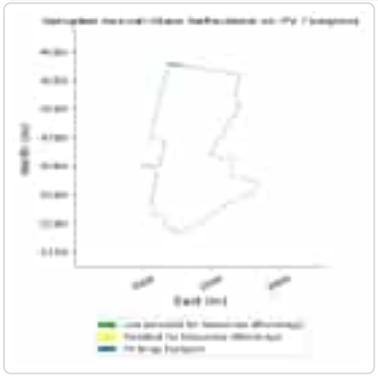
PV array is expected to produce the following glare for this receptor:

- 25 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





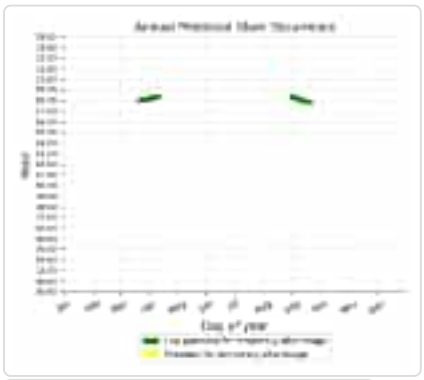


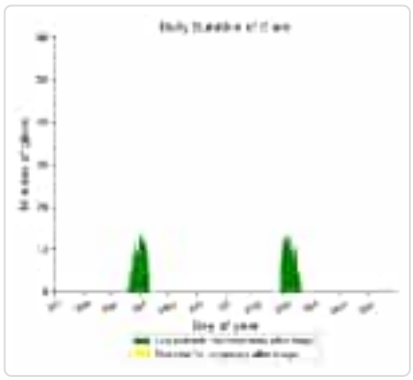


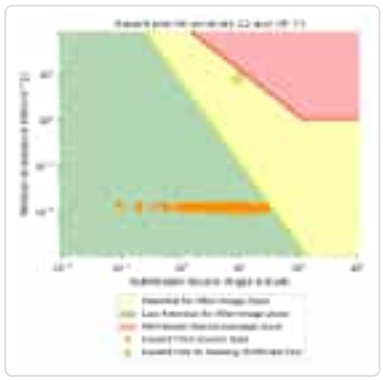
PV array 13: OP 73

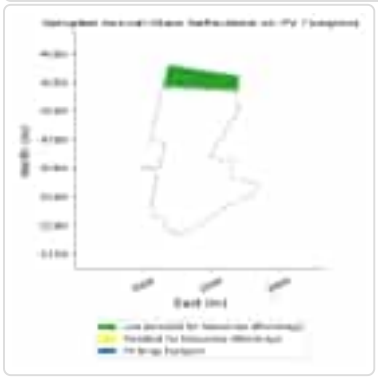
PV array is expected to produce the following glare for this receptor:

- 411 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0

OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	566	1106
OP: OP 51	1474	167
OP: OP 52	1624	47
OP: OP 53	1401	29
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0

PV array 14: OP 1

No glare found

PV array 14: OP 2

No glare found

PV array 14: OP 3

No glare found

PV array 14: OP 4

No glare found

PV array 14: OP 5

No glare found

PV array 14: OP 6

No glare found

PV array 14: OP 7

No glare found

PV array 14: OP 8

No glare found

PV array 14: OP 9

No glare found

PV array 14: OP 10

No glare found

PV array 14: OP 11

No glare found

PV array 14: OP 12

No glare found

PV array 14: OP 13

No glare found

PV array 14: OP 14

No glare found

PV array 14: OP 15

No glare found

PV array 14: OP 16

No glare found

PV array 14: OP 17

No glare found

PV array 14: OP 18

No glare found

PV array 14: OP 19

No glare found

PV array 14: OP 20

No glare found

PV array 14: OP 21

No glare found

PV array 14: OP 22

No glare found

PV array 14: OP 23

No glare found

PV array 14: OP 24

No glare found

PV array 14: OP 25

No glare found

PV array 14: OP 26

No glare found

PV array 14: OP 27

No glare found

PV array 14: OP 28

No glare found

PV array 14: OP 29

No glare found

PV array 14: OP 30

No glare found

PV array 14: OP 31

No glare found

PV array 14: OP 32

No glare found

PV array 14: OP 33

No glare found

PV array 14: OP 34

No glare found

PV array 14: OP 35

No glare found

PV array 14: OP 36

No glare found

PV array 14: OP 37

No glare found

PV array 14: OP 38

No glare found

PV array 14: OP 39

No glare found

PV array 14: OP 40

No glare found

PV array 14: OP 41

No glare found

PV array 14: OP 42

No glare found

PV array 14: OP 43

No glare found

PV array 14: OP 44

No glare found

PV array 14: OP 45

No glare found

PV array 14: OP 46

No glare found

PV array 14: OP 47

No glare found

PV array 14: OP 48

No glare found

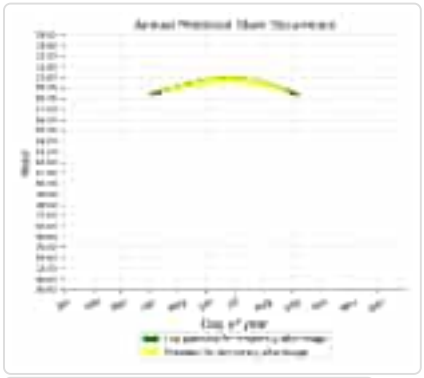
PV array 14: OP 49

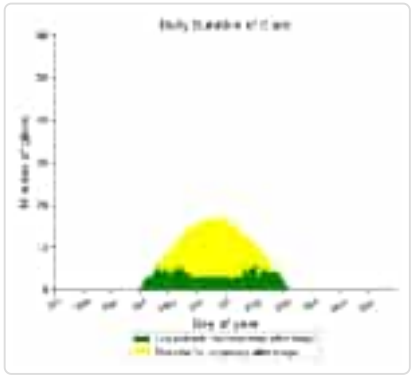
No glare found

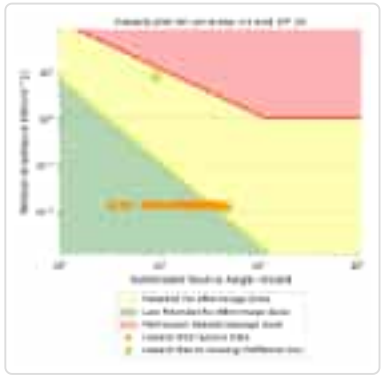
PV array 14: OP 50

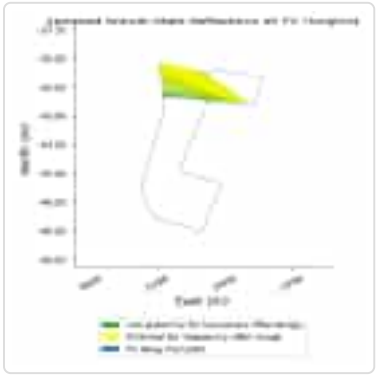
PV array is expected to produce the following glare for this receptor:

- 566 minutes of "green" glare with low potential to cause temporary after-image.
- 1,106 minutes of "yellow" glare with potential to cause temporary after-image.





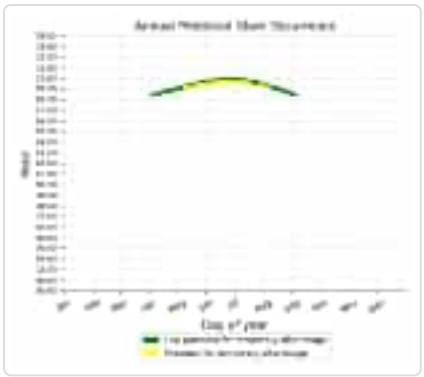


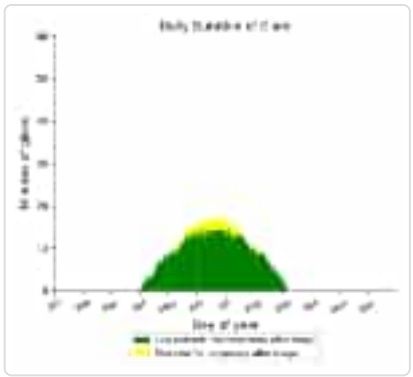


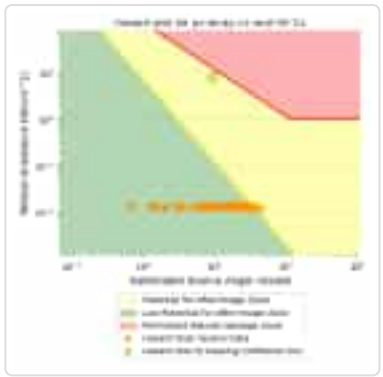
PV array 14: OP 51

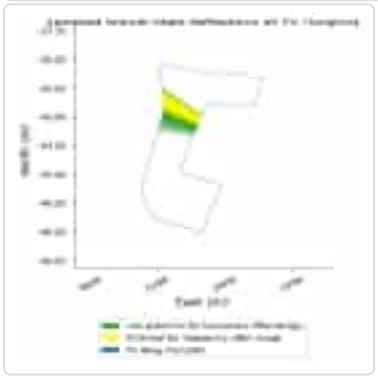
PV array is expected to produce the following glare for this receptor:

- 1,474 minutes of "green" glare with low potential to cause temporary after-image.
- 167 minutes of "yellow" glare with potential to cause temporary after-image.





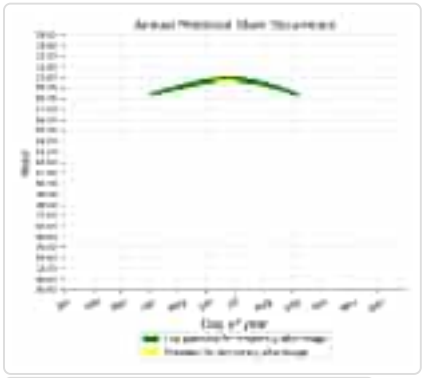


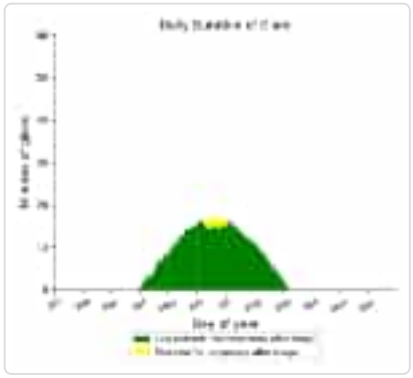


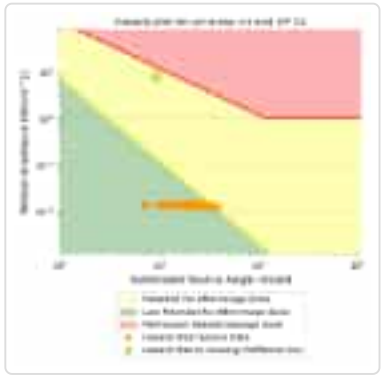
PV array 14: OP 52

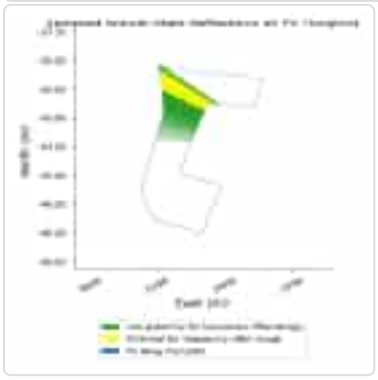
PV array is expected to produce the following glare for this receptor:

- 1,624 minutes of "green" glare with low potential to cause temporary after-image.
- 47 minutes of "yellow" glare with potential to cause temporary after-image.





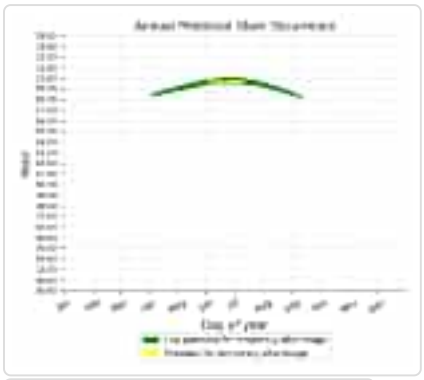


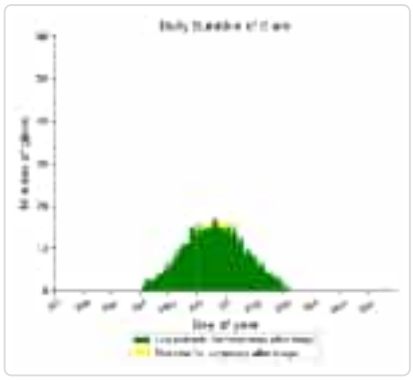


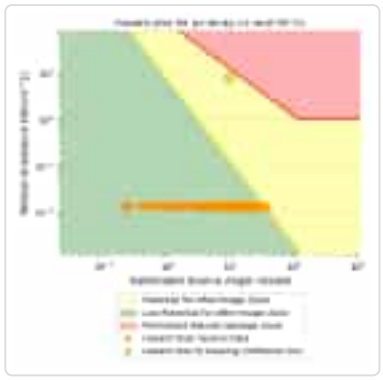
PV array 14: OP 53

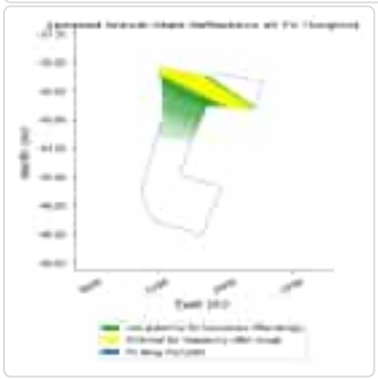
PV array is expected to produce the following glare for this receptor:

- 1,401 minutes of "green" glare with low potential to cause temporary after-image.
- 29 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14: OP 54

No glare found

PV array 14: OP 55

No glare found

PV array 14: OP 56

No glare found

PV array 14: OP 57

No glare found

PV array 14: OP 58

No glare found

PV array 14: OP 59

No glare found

PV array 14: OP 60

No glare found

PV array 14: OP 61

No glare found

PV array 14: OP 62

No glare found

PV array 14: OP 63

No glare found

PV array 14: OP 64

No glare found

PV array 14: OP 65

No glare found

PV array 14: OP 66

No glare found

PV array 14: OP 67

No glare found

PV array 14: OP 68

No glare found

PV array 14: OP 69

No glare found

PV array 14: OP 70

No glare found

PV array 14: OP 71

No glare found

PV array 14: OP 72

No glare found

PV array 14: OP 73

No glare found

PV array 15 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0

OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	562	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0

PV array 15: OP 1

No glare found

PV array 15: OP 2

No glare found

PV array 15: OP 3

No glare found

PV array 15: OP 4

No glare found

PV array 15: OP 5

No glare found

PV array 15: OP 6

No glare found

PV array 15: OP 7

No glare found

PV array 15: OP 8

No glare found

PV array 15: OP 9

No glare found

PV array 15: OP 10

No glare found

PV array 15: OP 11

No glare found

PV array 15: OP 12

No glare found

PV array 15: OP 13

No glare found

PV array 15: OP 14

No glare found

PV array 15: OP 15

No glare found

PV array 15: OP 16

No glare found

PV array 15: OP 17

No glare found

PV array 15: OP 18

No glare found

PV array 15: OP 19

No glare found

PV array 15: OP 20

No glare found

PV array 15: OP 21

No glare found

PV array 15: OP 22

No glare found

PV array 15: OP 23

No glare found

PV array 15: OP 24

No glare found

PV array 15: OP 25

No glare found

PV array 15: OP 26

No glare found

PV array 15: OP 27

No glare found

PV array 15: OP 28

No glare found

PV array 15: OP 29

No glare found

PV array 15: OP 30

No glare found

PV array 15: OP 31

No glare found

PV array 15: OP 32

No glare found

PV array 15: OP 33

No glare found

PV array 15: OP 34

No glare found

PV array 15: OP 35

No glare found

PV array 15: OP 36

No glare found

PV array 15: OP 37

No glare found

PV array 15: OP 38

No glare found

PV array 15: OP 39

No glare found

PV array 15: OP 40

No glare found

PV array 15: OP 41

No glare found

PV array 15: OP 42

No glare found

PV array 15: OP 43

No glare found

PV array 15: OP 44

No glare found

PV array 15: OP 45

No glare found

PV array 15: OP 46

No glare found

PV array 15: OP 47

No glare found

PV array 15: OP 48

No glare found

PV array 15: OP 49

No glare found

PV array 15: OP 50

No glare found

PV array 15: OP 51

No glare found

PV array 15: OP 52

No glare found

PV array 15: OP 53

No glare found

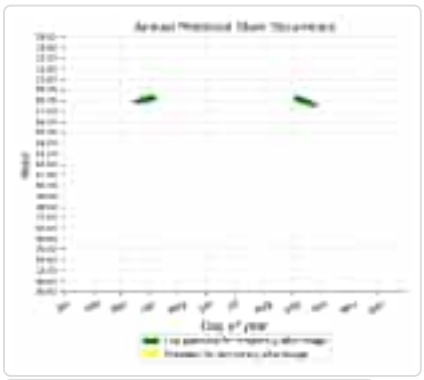
PV array 15: OP 54

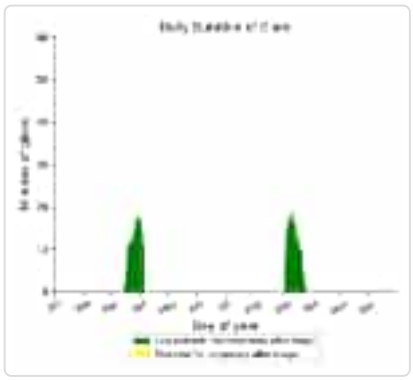
No glare found

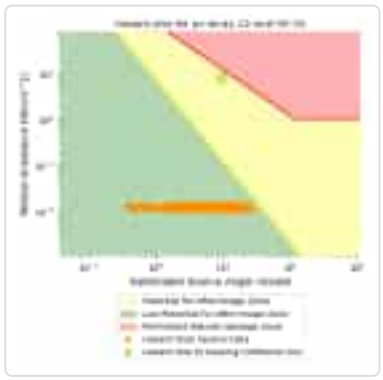
PV array 15: OP 55

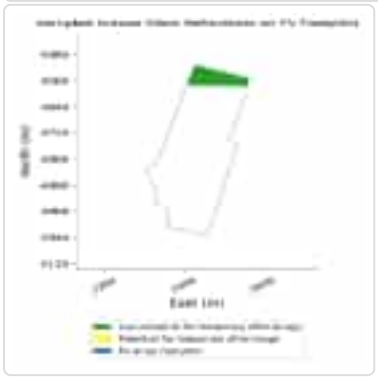
PV array is expected to produce the following glare for this receptor:

- 562 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 56

No glare found

PV array 15: OP 57

No glare found

PV array 15: OP 58

No glare found

PV array 15: OP 59

No glare found

PV array 15: OP 60

No glare found

PV array 15: OP 61

No glare found

PV array 15: OP 62

No glare found

PV array 15: OP 63

No glare found

PV array 15: OP 64

No glare found

PV array 15: OP 65

No glare found

PV array 15: OP 66

No glare found

PV array 15: OP 67

No glare found

PV array 15: OP 68

No glare found

PV array 15: OP 69

No glare found

PV array 15: OP 70

No glare found

PV array 15: OP 71

No glare found

PV array 15: OP 72

No glare found

PV array 15: OP 73

No glare found

PV array 2 potential temporary after-image

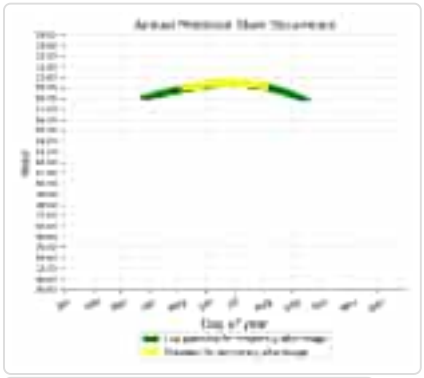
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	2495	2108
OP: OP 2	2886	204
OP: OP 3	2730	0
OP: OP 4	2138	0
OP: OP 5	1217	0
OP: OP 6	253	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0

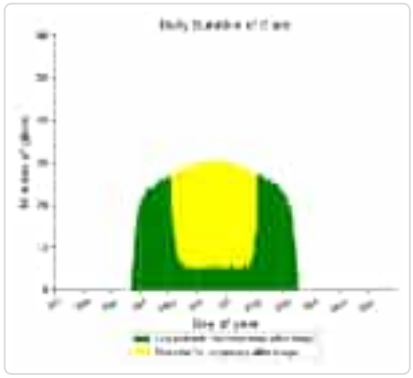
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	2283	2203
OP: OP 33	76	0
OP: OP 34	89	0
OP: OP 35	0	0
OP: OP 36	63	0
OP: OP 37	26	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	557	0
OP: OP 43	1368	0
OP: OP 44	1895	0
OP: OP 45	2415	0
OP: OP 46	2885	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	908	0
OP: OP 57	516	0
OP: OP 58	53	0
OP: OP 59	377	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0

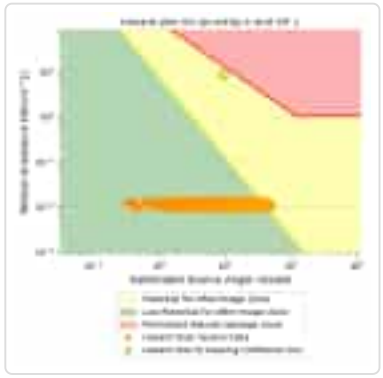
PV array 2: OP 1

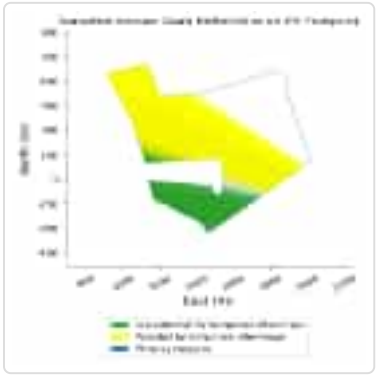
PV array is expected to produce the following glare for this receptor:

- 2,495 minutes of "green" glare with low potential to cause temporary after-image.
- 2,108 minutes of "yellow" glare with potential to cause temporary after-image.





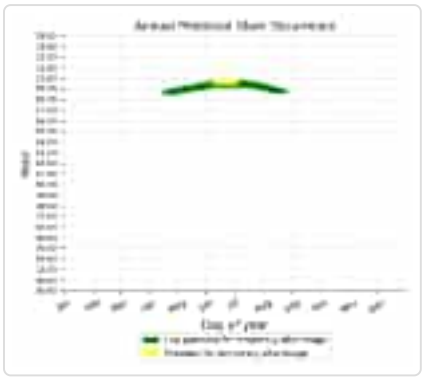


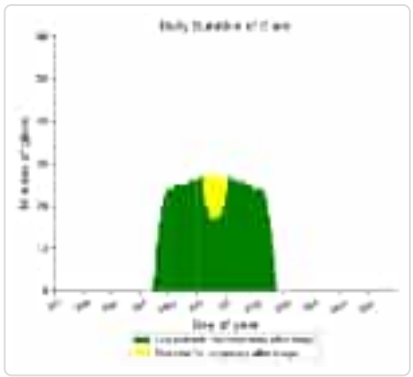


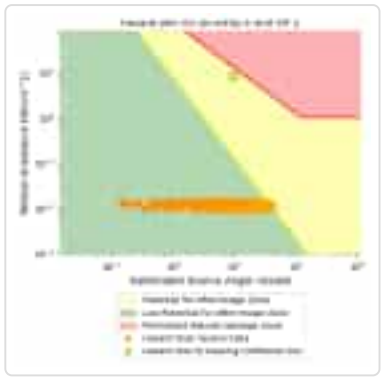
PV array 2: OP 2

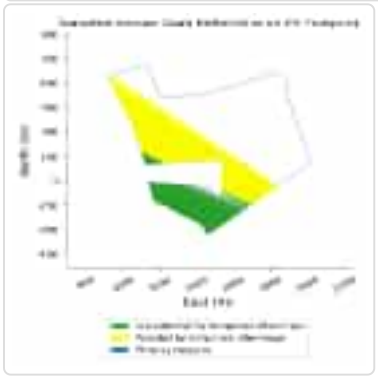
PV array is expected to produce the following glare for this receptor:

- 2,886 minutes of "green" glare with low potential to cause temporary after-image.
- 204 minutes of "yellow" glare with potential to cause temporary after-image.





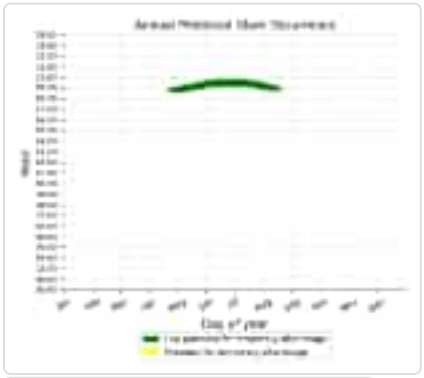


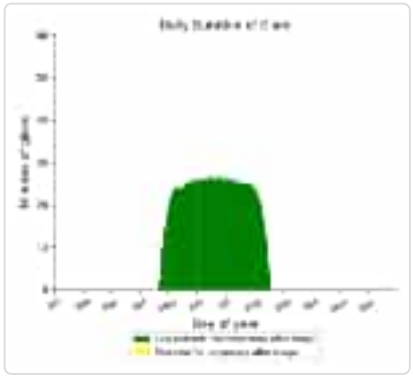


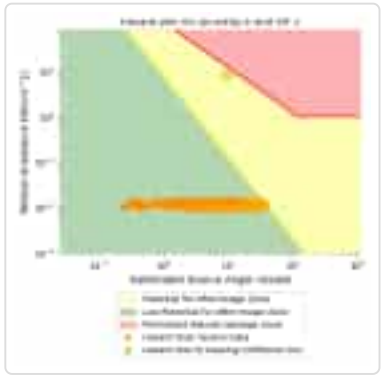
PV array 2: OP 3

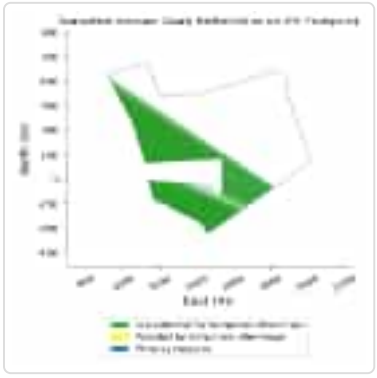
PV array is expected to produce the following glare for this receptor:

- 2,730 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





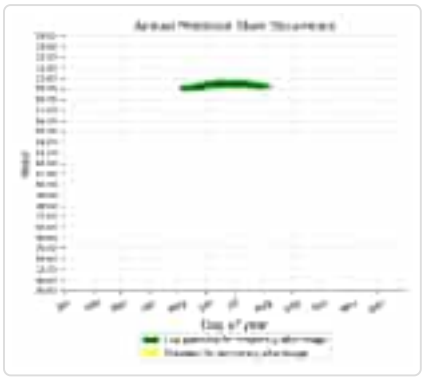


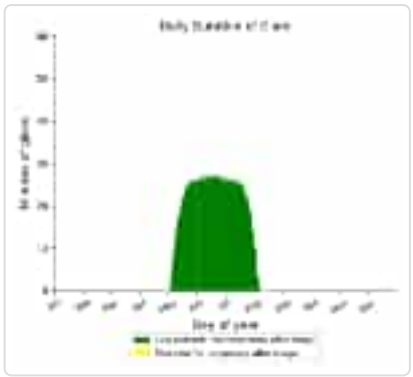


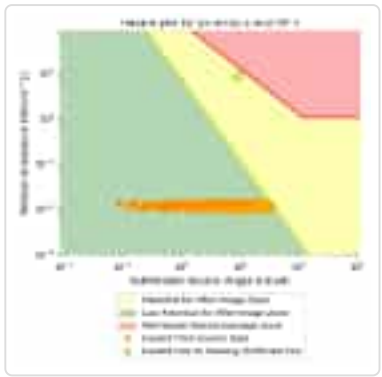
PV array 2: OP 4

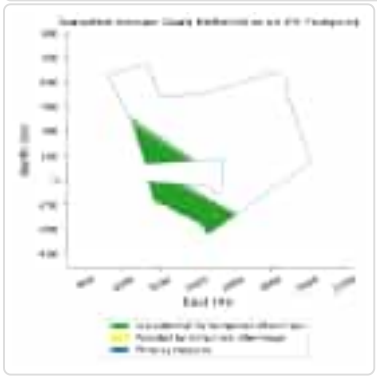
PV array is expected to produce the following glare for this receptor:

- 2,138 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





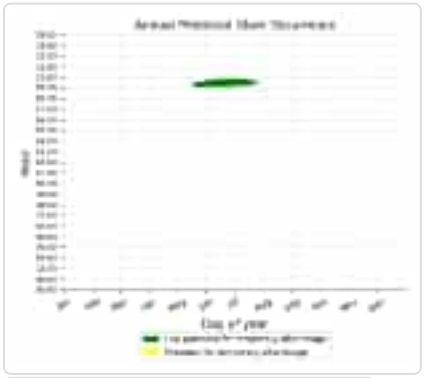


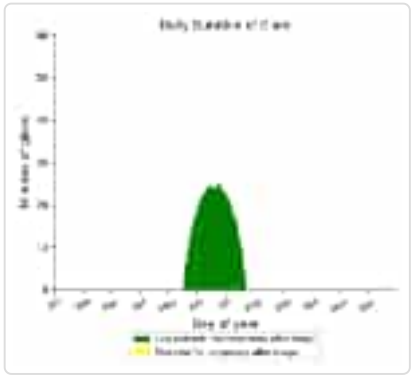


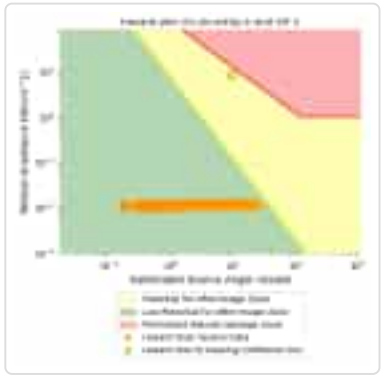
PV array 2: OP 5

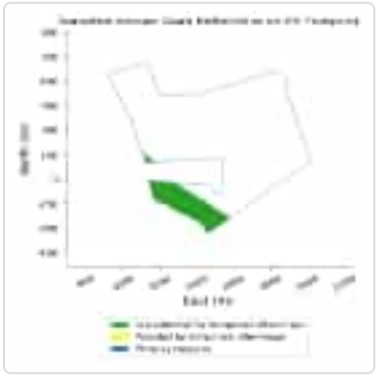
PV array is expected to produce the following glare for this receptor:

- 1,217 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





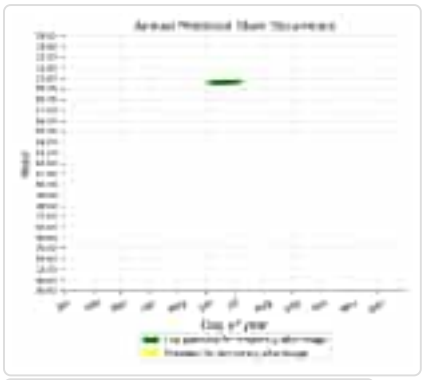


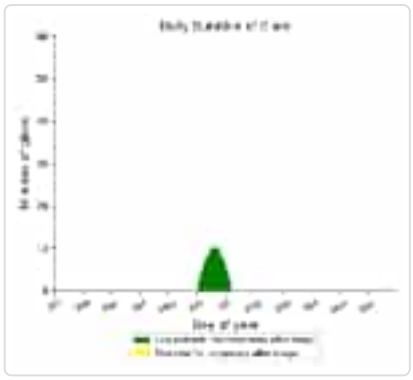


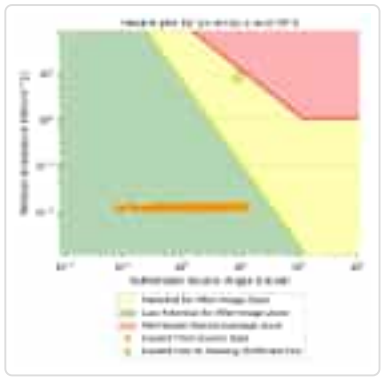
PV array 2: OP 6

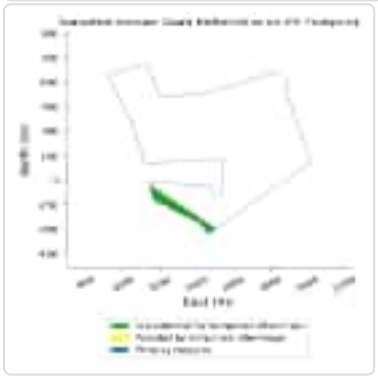
PV array is expected to produce the following glare for this receptor:

- 253 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 7

No glare found

PV array 2: OP 8

No glare found

PV array 2: OP 9

No glare found

PV array 2: OP 10

No glare found

PV array 2: OP 11

No glare found

PV array 2: OP 12

No glare found

PV array 2: OP 13

No glare found

PV array 2: OP 14

No glare found

PV array 2: OP 15

No glare found

PV array 2: OP 16

No glare found

PV array 2: OP 17

No glare found

PV array 2: OP 18

No glare found

PV array 2: OP 19

No glare found

PV array 2: OP 20

No glare found

PV array 2: OP 21

No glare found

PV array 2: OP 22

No glare found

PV array 2: OP 23

No glare found

PV array 2: OP 24

No glare found

PV array 2: OP 25

No glare found

PV array 2: OP 26

No glare found

PV array 2: OP 27

No glare found

PV array 2: OP 28

No glare found

PV array 2: OP 29

No glare found

PV array 2: OP 30

No glare found

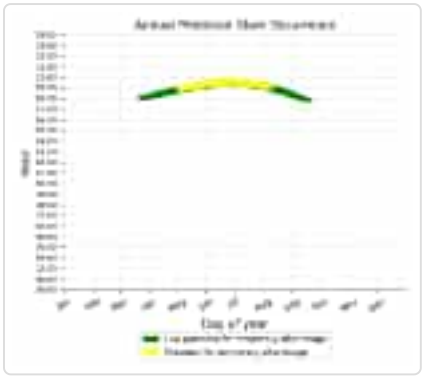
PV array 2: OP 31

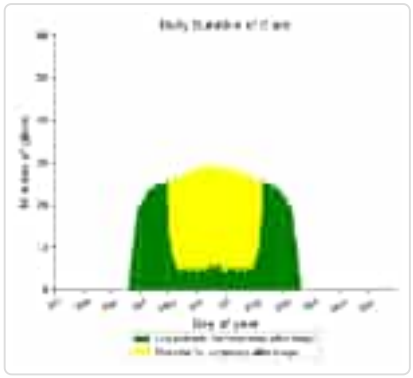
No glare found

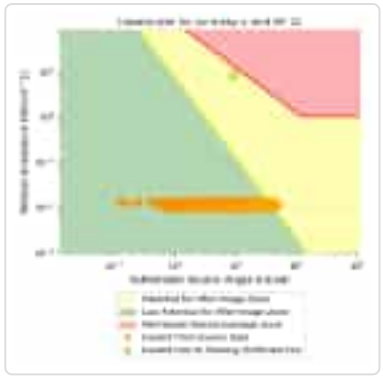
PV array 2: OP 32

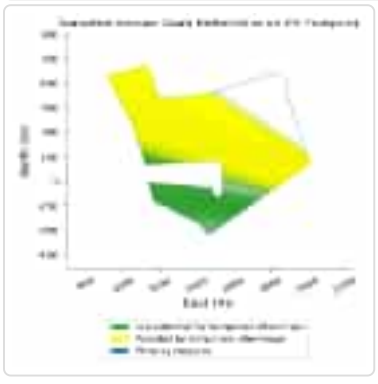
PV array is expected to produce the following glare for this receptor:

- 2,283 minutes of "green" glare with low potential to cause temporary after-image.
- 2,203 minutes of "yellow" glare with potential to cause temporary after-image.





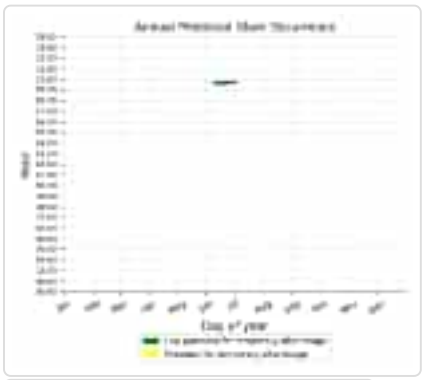


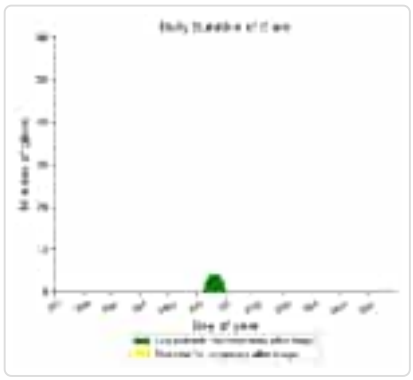


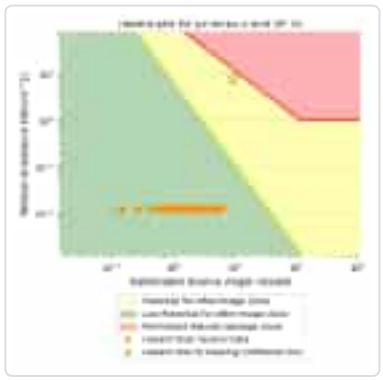
PV array 2: OP 33

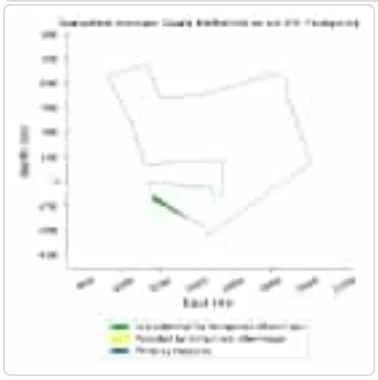
PV array is expected to produce the following glare for this receptor:

- 76 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





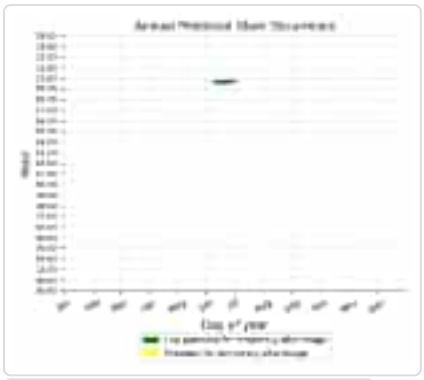


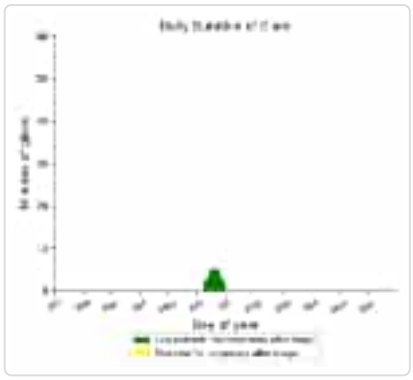


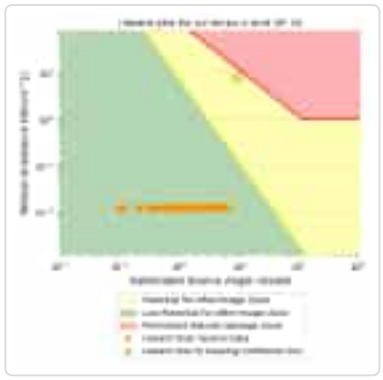
PV array 2: OP 34

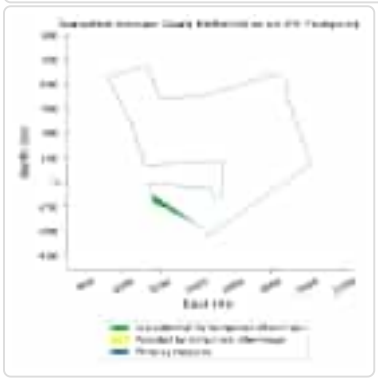
PV array is expected to produce the following glare for this receptor:

- 89 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









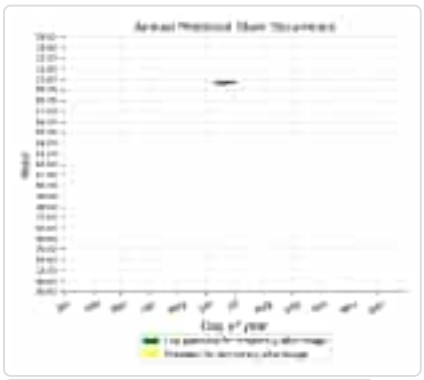
PV array 2: OP 35

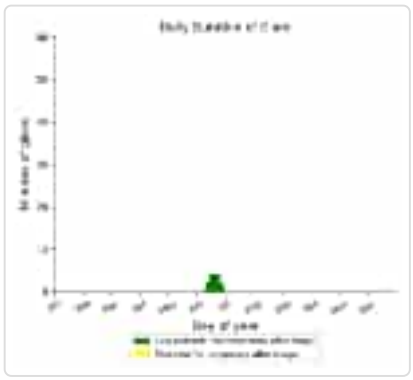
No glare found

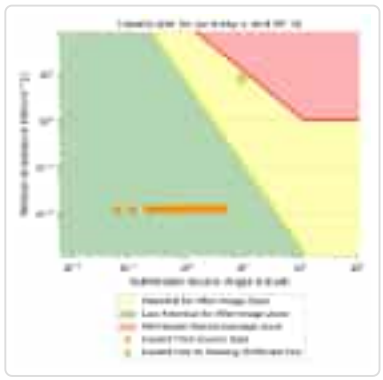
PV array 2: OP 36

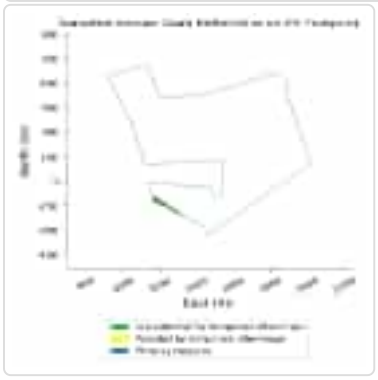
PV array is expected to produce the following glare for this receptor:

- 63 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





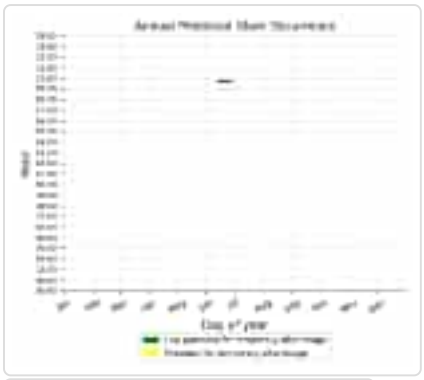


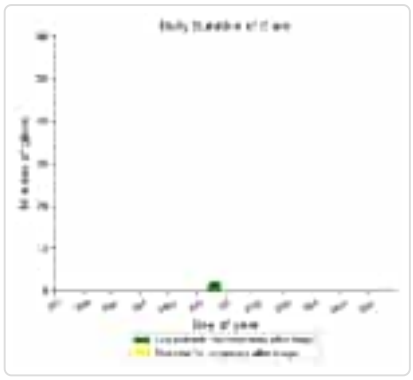


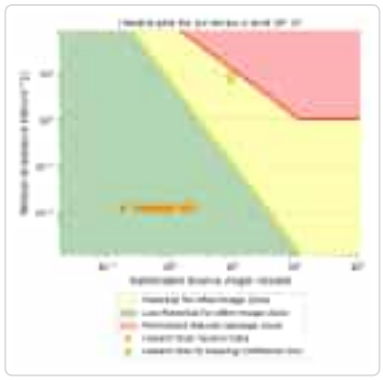
PV array 2: OP 37

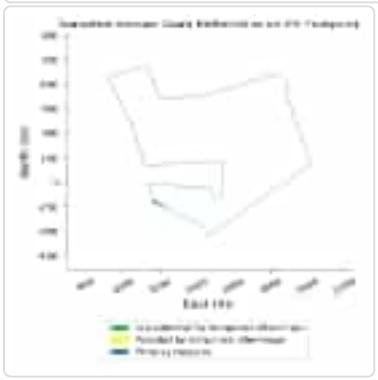
PV array is expected to produce the following glare for this receptor:

- 26 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 38

No glare found

PV array 2: OP 39

No glare found

PV array 2: OP 40

No glare found

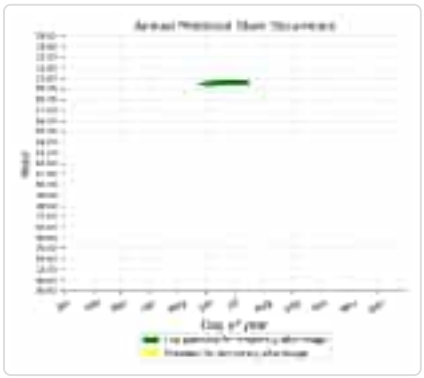
PV array 2: OP 41

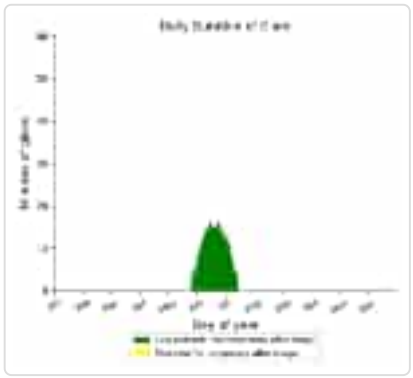
No glare found

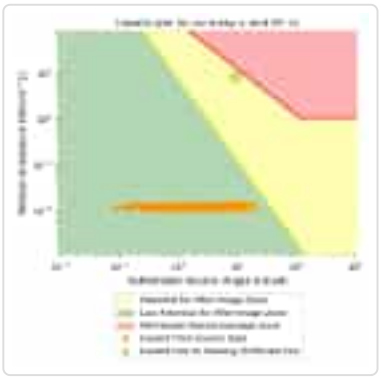
PV array 2: OP 42

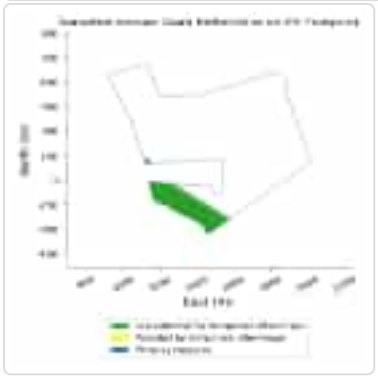
PV array is expected to produce the following glare for this receptor:

- 557 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





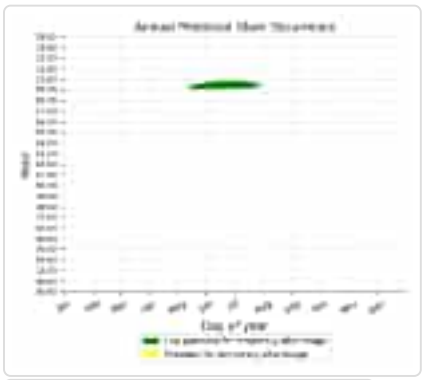


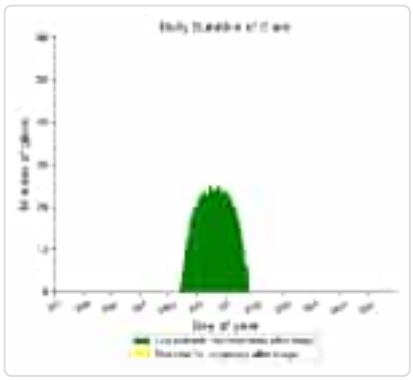


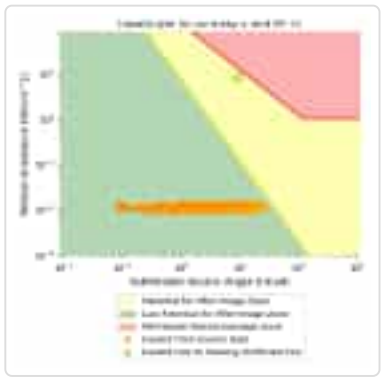
PV array 2: OP 43

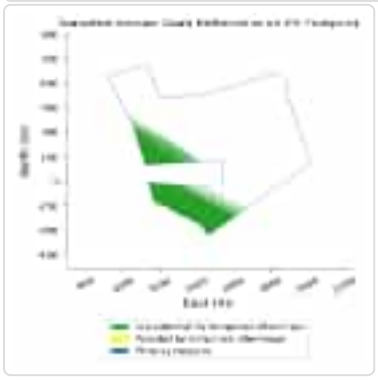
PV array is expected to produce the following glare for this receptor:

- 1,368 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





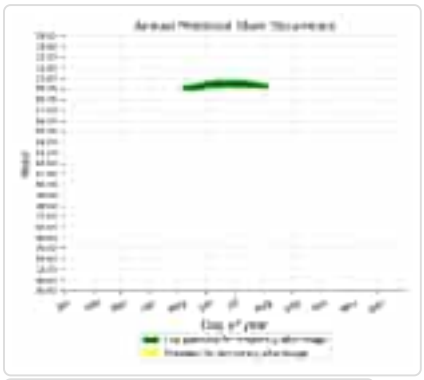


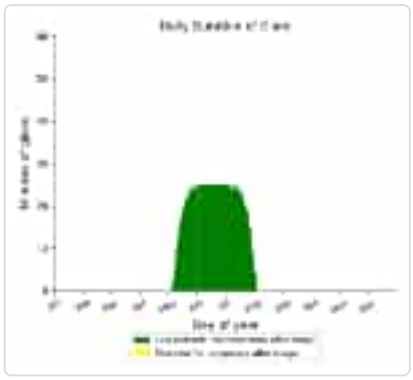


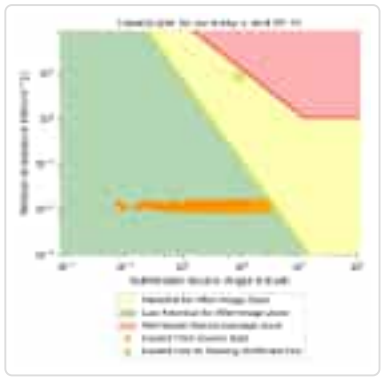
PV array 2: OP 44

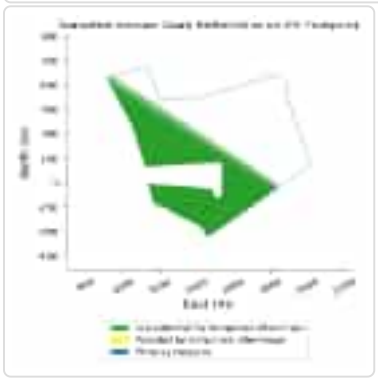
PV array is expected to produce the following glare for this receptor:

- 1,895 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





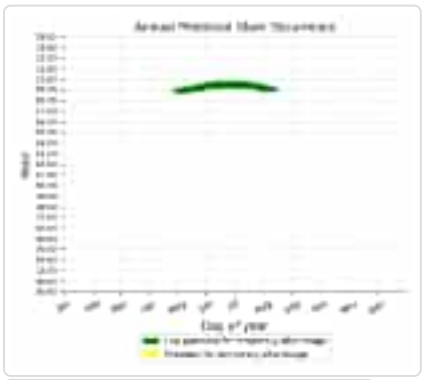


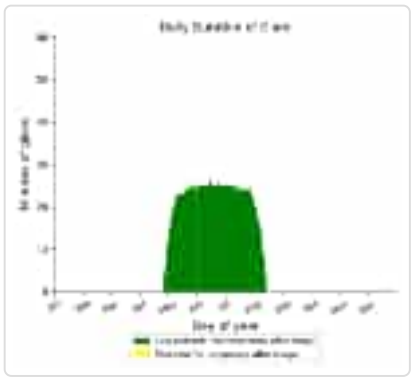


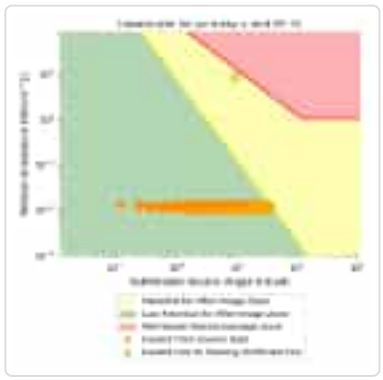
PV array 2: OP 45

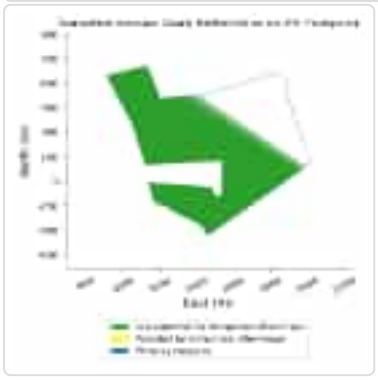
PV array is expected to produce the following glare for this receptor:

- 2,415 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





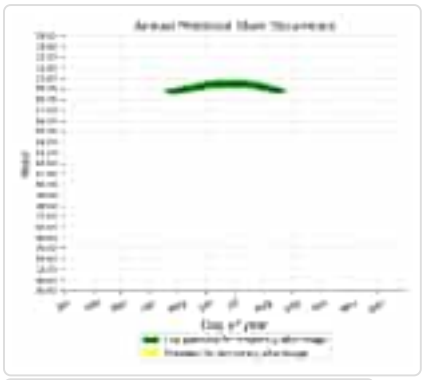


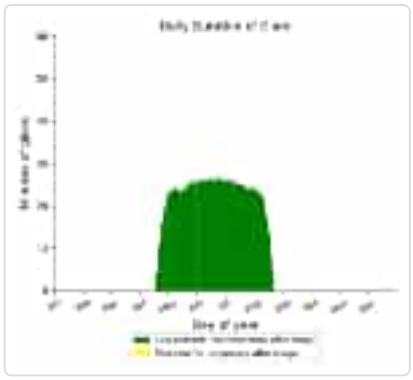


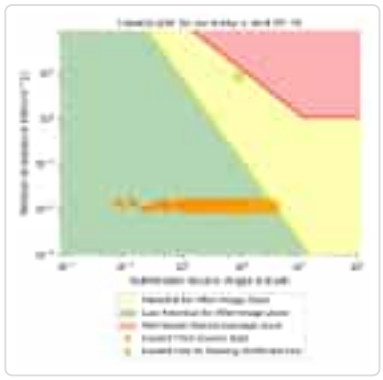
PV array 2: OP 46

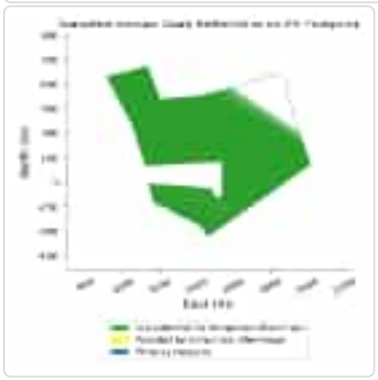
PV array is expected to produce the following glare for this receptor:

- 2,885 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 47

No glare found

PV array 2: OP 48

No glare found

PV array 2: OP 49

No glare found

PV array 2: OP 50

No glare found

PV array 2: OP 51

No glare found

PV array 2: OP 52

No glare found

PV array 2: OP 53

No glare found

PV array 2: OP 54

No glare found

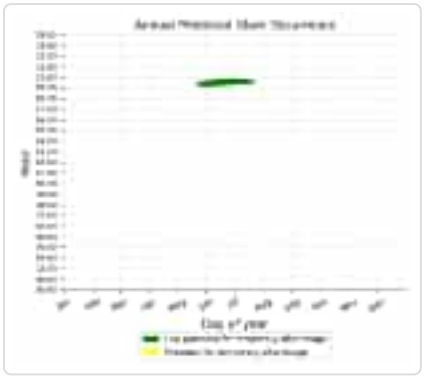
PV array 2: OP 55

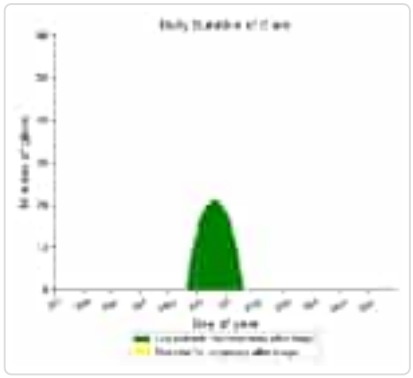
No glare found

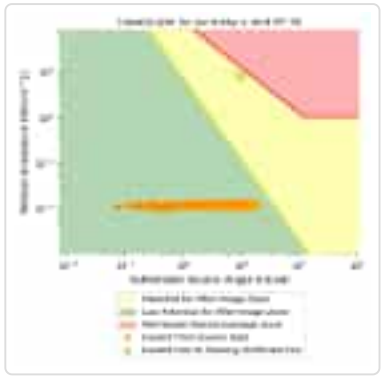
PV array 2: OP 56

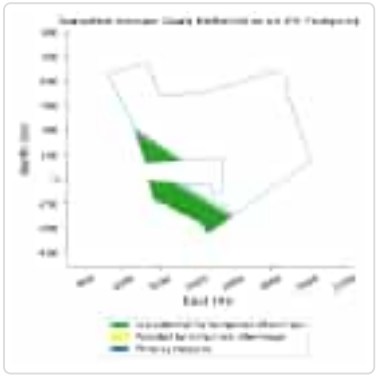
PV array is expected to produce the following glare for this receptor:

- 908 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





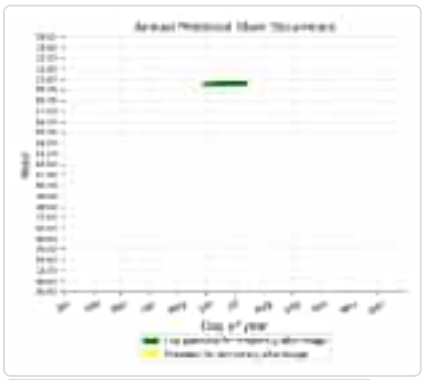


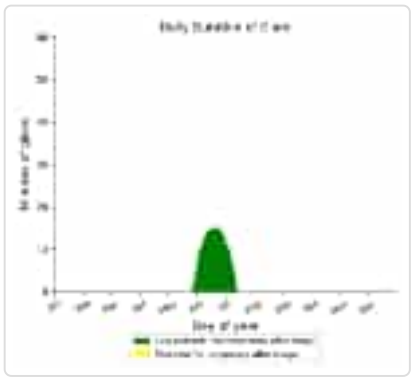


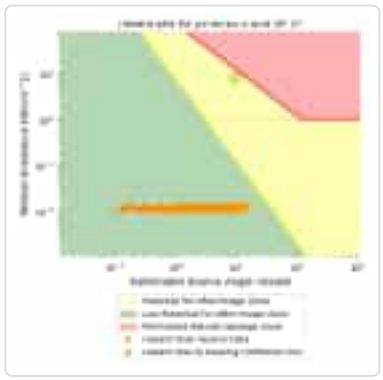
PV array 2: OP 57

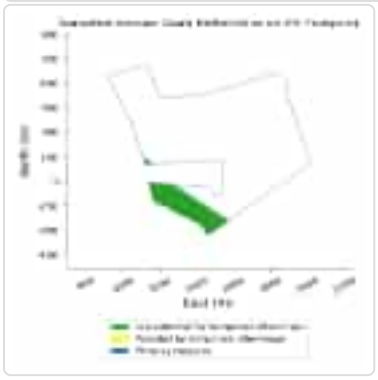
PV array is expected to produce the following glare for this receptor:

- 516 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





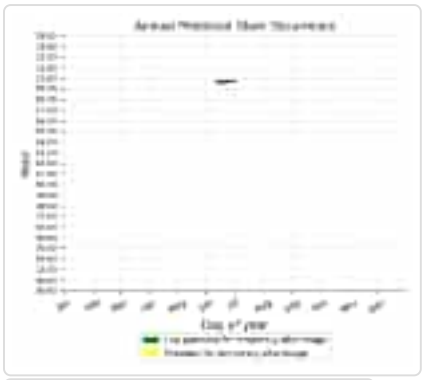


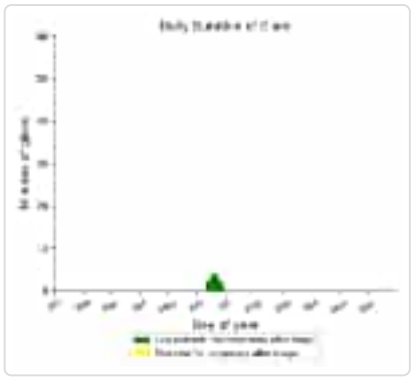


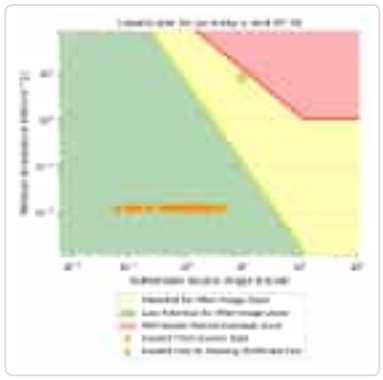
PV array 2: OP 58

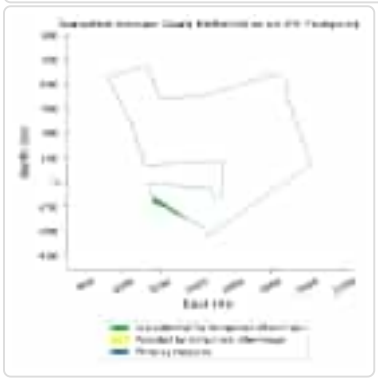
PV array is expected to produce the following glare for this receptor:

- 53 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





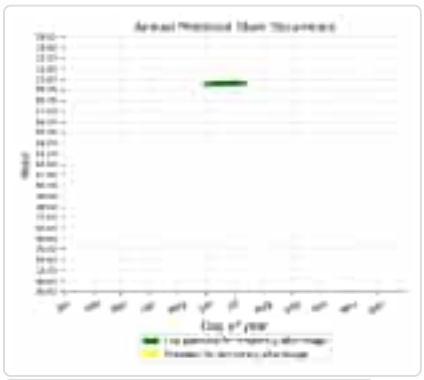


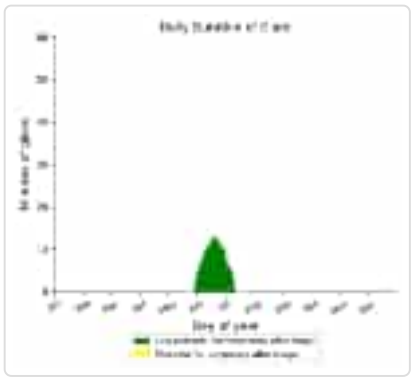


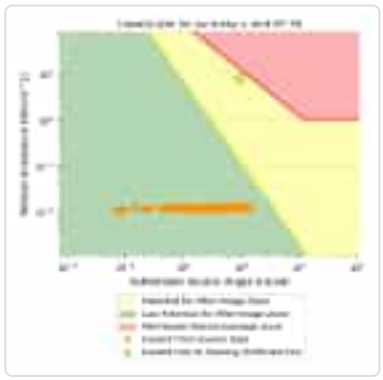
PV array 2: OP 59

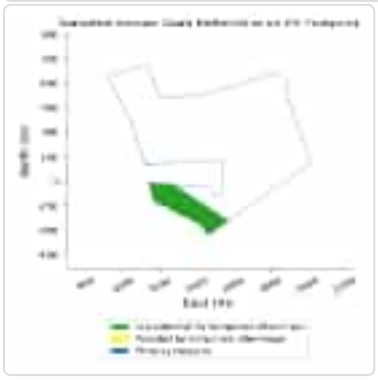
PV array is expected to produce the following glare for this receptor:

- 377 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 60

No glare found

PV array 2: OP 61

No glare found

PV array 2: OP 62

No glare found

PV array 2: OP 63

No glare found

PV array 2: OP 64

No glare found

PV array 2: OP 65

No glare found

PV array 2: OP 66

No glare found

PV array 2: OP 67

No glare found

PV array 2: OP 68

No glare found

PV array 2: OP 69

No glare found

PV array 2: OP 70

No glare found

PV array 2: OP 71

No glare found

PV array 2: OP 72

No glare found

PV array 2: OP 73

No glare found

PV array 3 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	59	0
OP: OP 4	232	0
OP: OP 5	480	0
OP: OP 6	972	0
OP: OP 7	1707	0
OP: OP 8	1729	0
OP: OP 9	1720	0
OP: OP 10	1675	0
OP: OP 11	1624	0
OP: OP 12	1521	0
OP: OP 13	1300	0
OP: OP 14	981	0
OP: OP 15	339	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	1212	0

OP: OP 34	1267	0
OP: OP 35	1572	0
OP: OP 36	1520	0
OP: OP 37	1558	0
OP: OP 38	1648	0
OP: OP 39	1661	0
OP: OP 40	1727	0
OP: OP 41	1727	0
OP: OP 42	880	0
OP: OP 43	678	0
OP: OP 44	451	0
OP: OP 45	271	0
OP: OP 46	107	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	879	0
OP: OP 57	1190	0
OP: OP 58	1426	0
OP: OP 59	1211	0
OP: OP 60	1641	0
OP: OP 61	1669	0
OP: OP 62	1491	0
OP: OP 63	1578	0
OP: OP 64	1440	0
OP: OP 65	1316	0
OP: OP 66	1231	0
OP: OP 67	917	0
OP: OP 68	681	0
OP: OP 69	81	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0

PV array 3: OP 1

No glare found

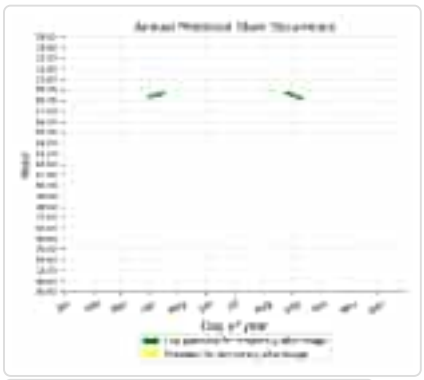
PV array 3: OP 2

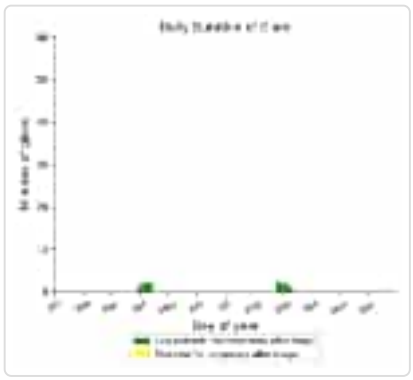
No glare found

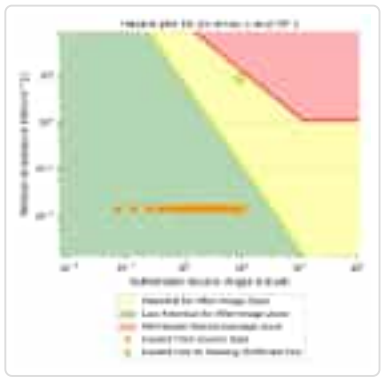
PV array 3: OP 3

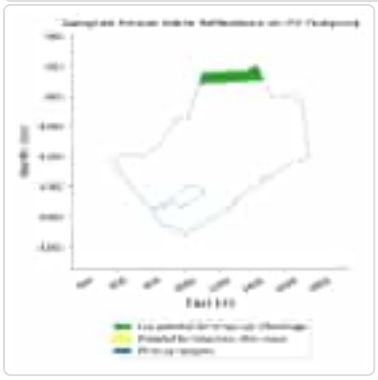
PV array is expected to produce the following glare for this receptor:

- 59 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





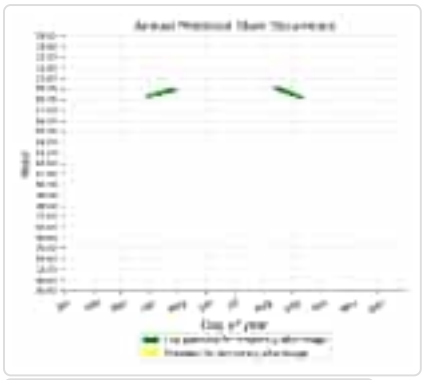


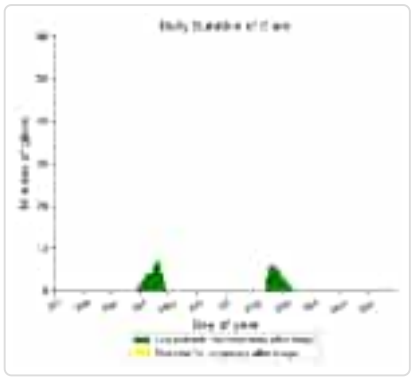


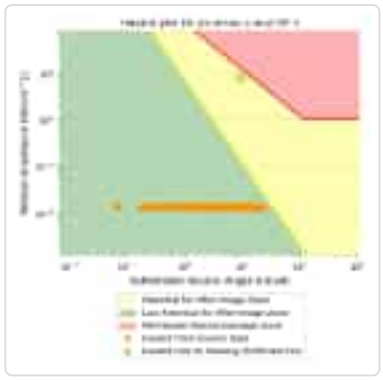
PV array 3: OP 4

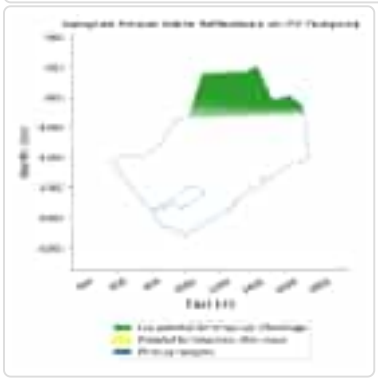
PV array is expected to produce the following glare for this receptor:

- 232 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





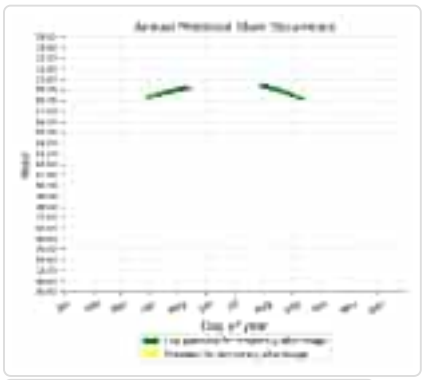


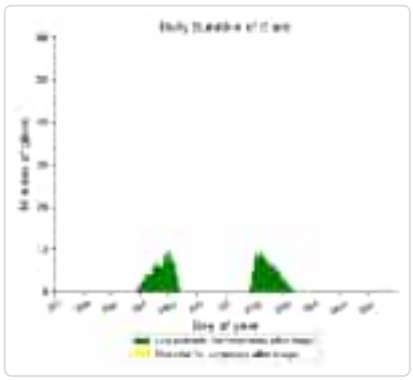


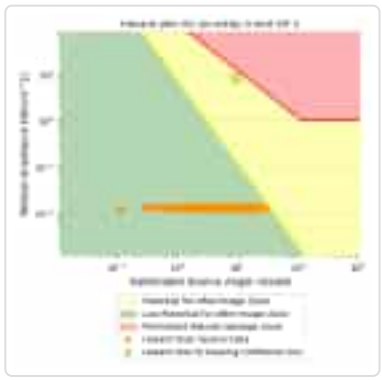
PV array 3: OP 5

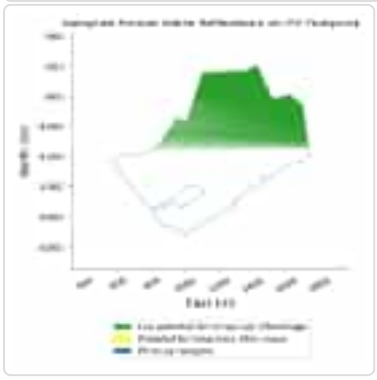
PV array is expected to produce the following glare for this receptor:

- 480 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





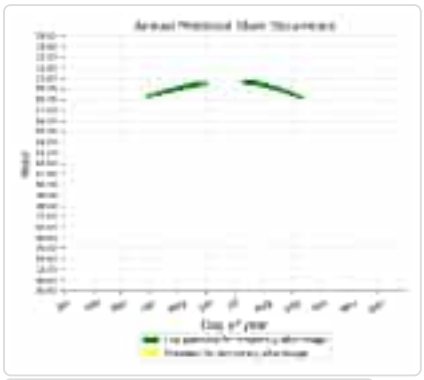


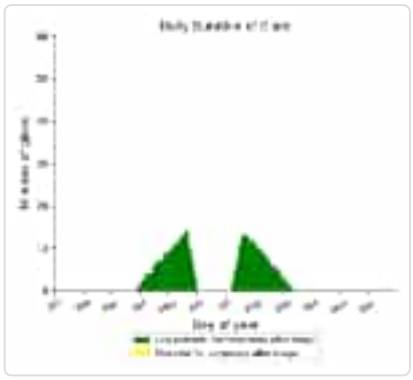


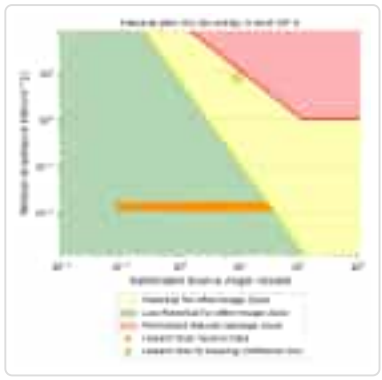
PV array 3: OP 6

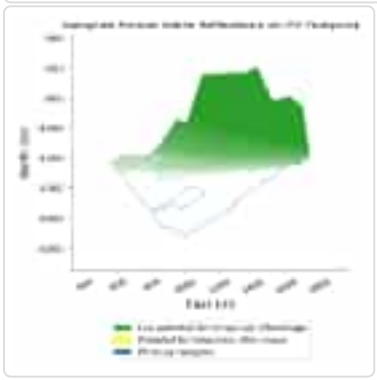
PV array is expected to produce the following glare for this receptor:

- 972 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





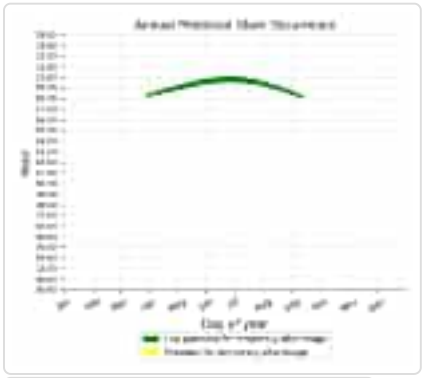


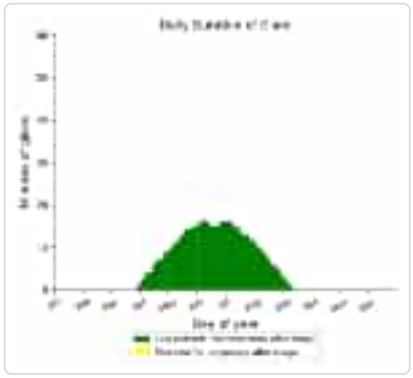


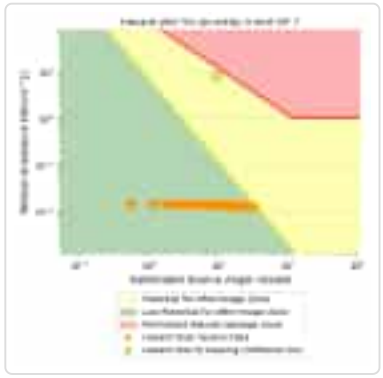
PV array 3: OP 7

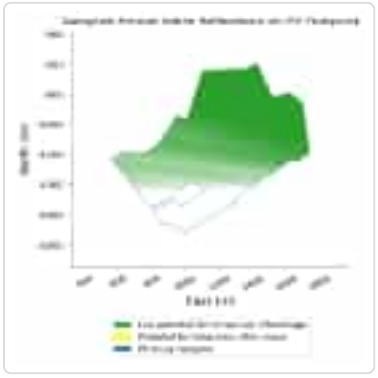
PV array is expected to produce the following glare for this receptor:

- 1,707 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





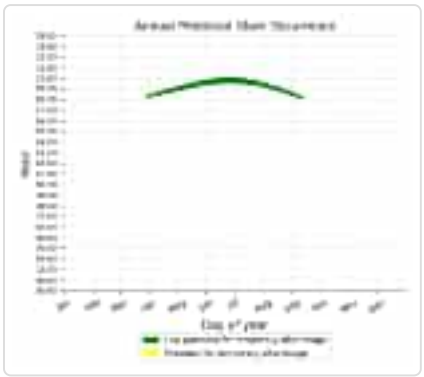


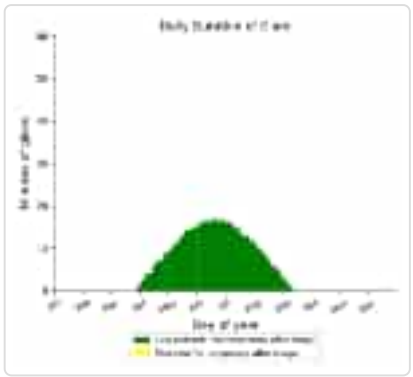


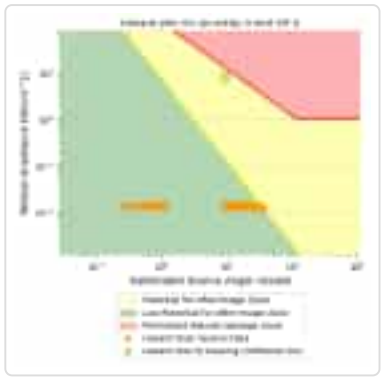
PV array 3: OP 8

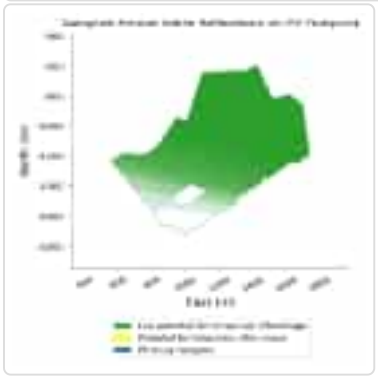
PV array is expected to produce the following glare for this receptor:

- 1,729 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





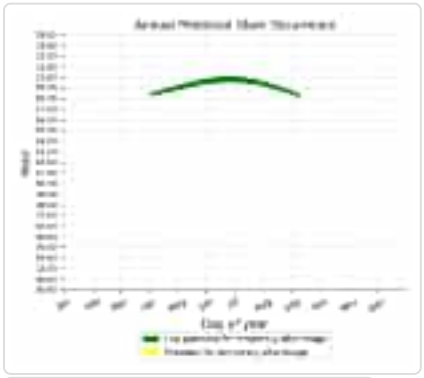


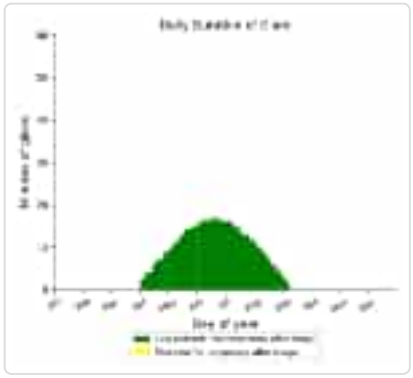


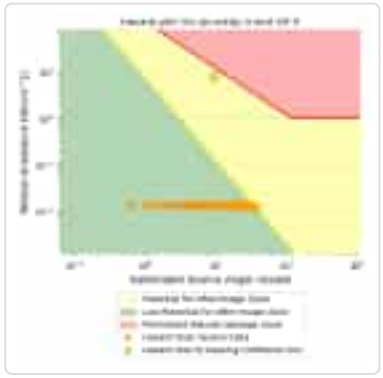
PV array 3: OP 9

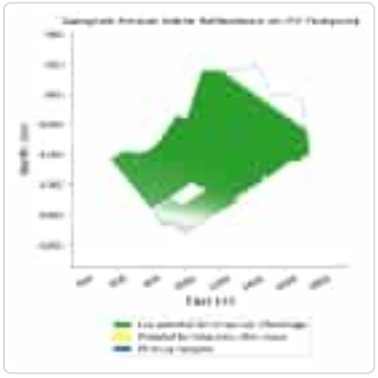
PV array is expected to produce the following glare for this receptor:

- 1,720 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





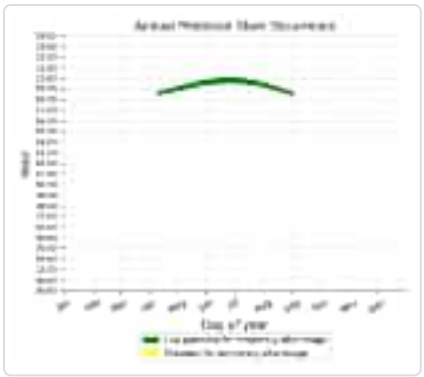


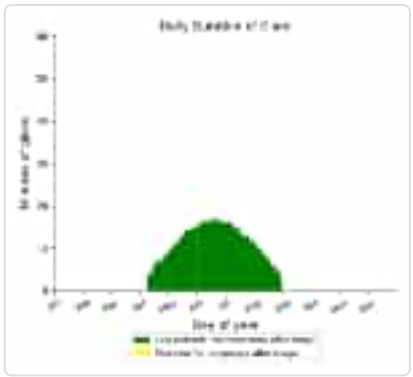


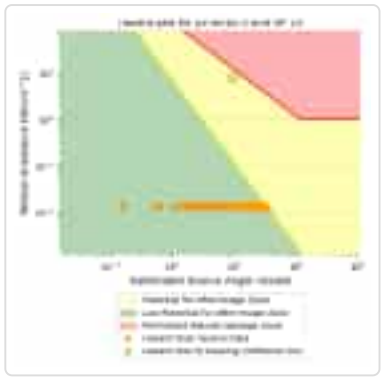
PV array 3: OP 10

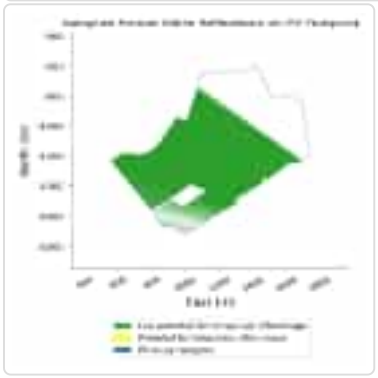
PV array is expected to produce the following glare for this receptor:

- 1,675 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





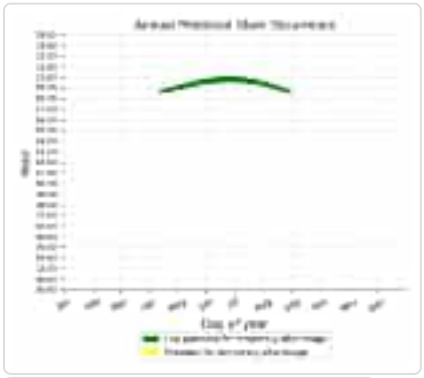


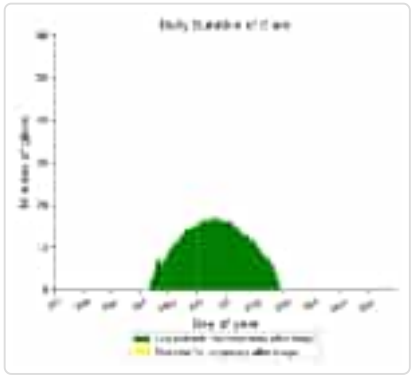


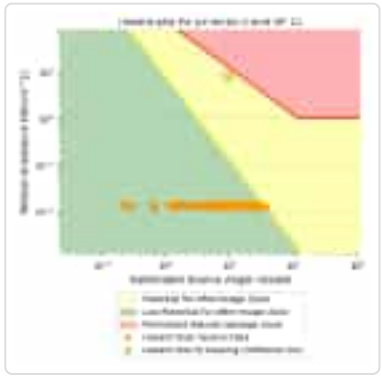
PV array 3: OP 11

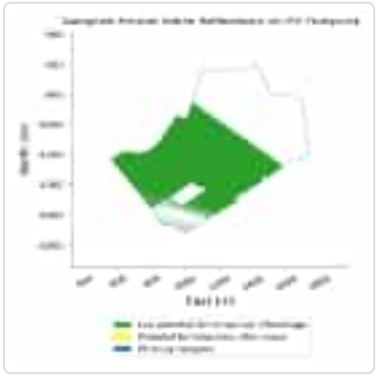
PV array is expected to produce the following glare for this receptor:

- 1,624 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





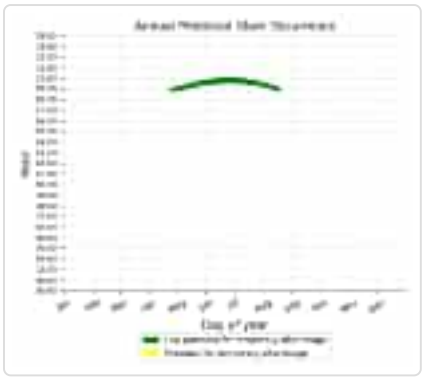


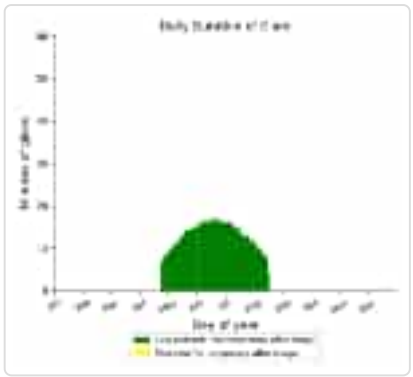


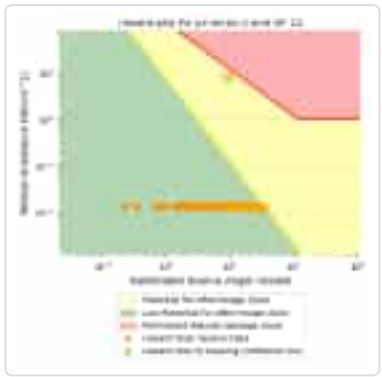
PV array 3: OP 12

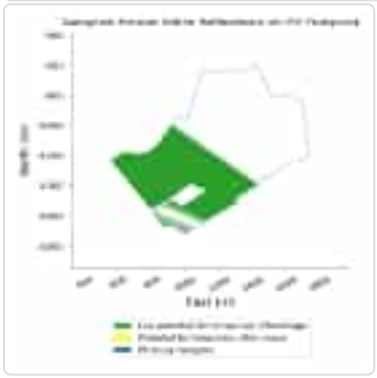
PV array is expected to produce the following glare for this receptor:

- 1,521 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





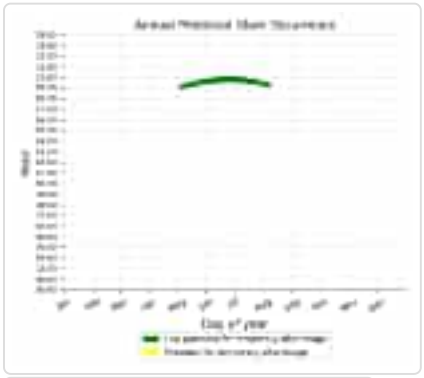


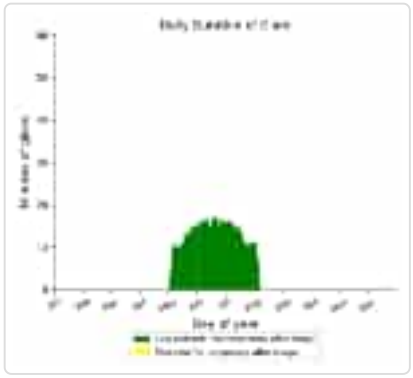


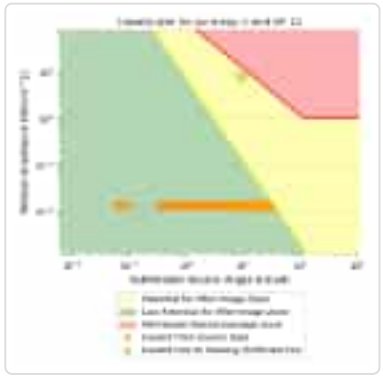
PV array 3: OP 13

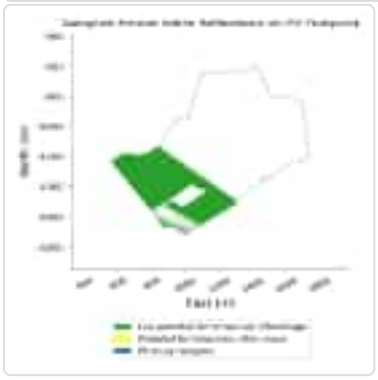
PV array is expected to produce the following glare for this receptor:

- 1,300 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





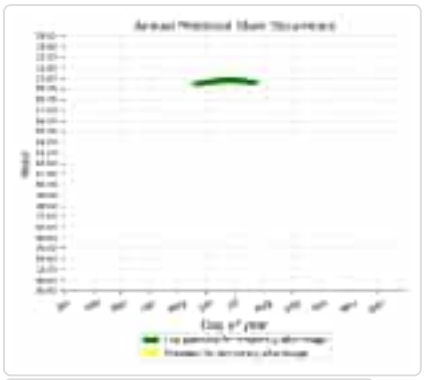


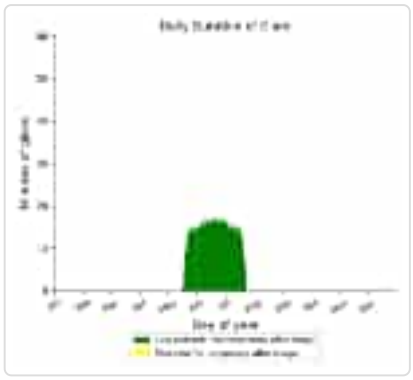


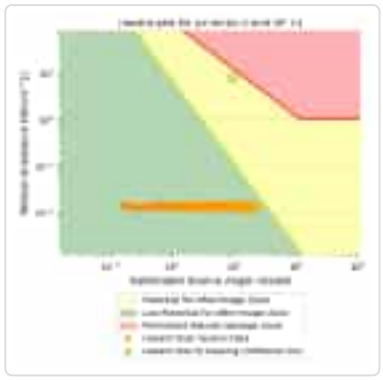
PV array 3: OP 14

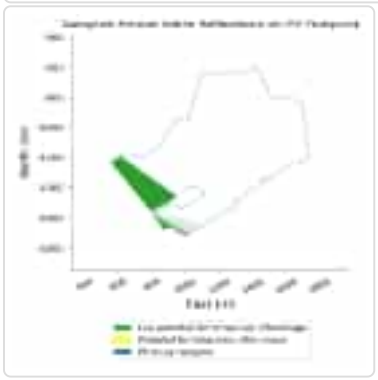
PV array is expected to produce the following glare for this receptor:

- 981 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





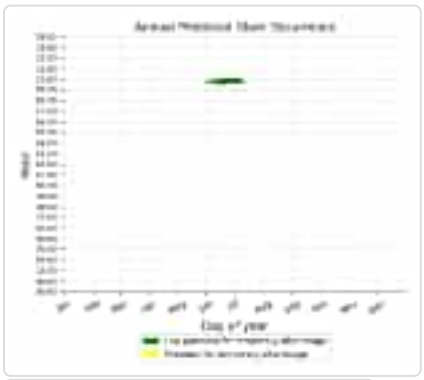


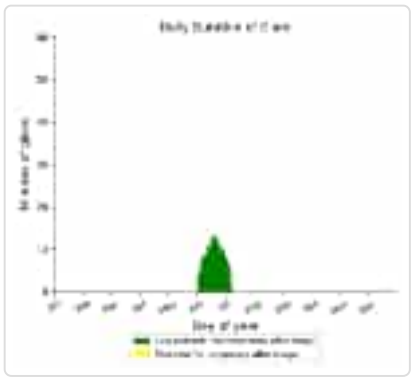


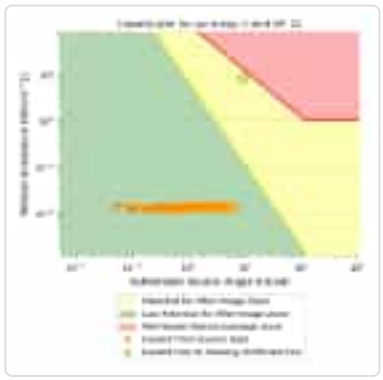
PV array 3: OP 15

PV array is expected to produce the following glare for this receptor:

- 339 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 3: OP 16

No glare found

PV array 3: OP 17

No glare found

PV array 3: OP 18

No glare found

PV array 3: OP 19

No glare found

PV array 3: OP 20

No glare found

PV array 3: OP 21

No glare found

PV array 3: OP 22

No glare found

PV array 3: OP 23

No glare found

PV array 3: OP 24

No glare found

PV array 3: OP 25

No glare found

PV array 3: OP 26

No glare found

PV array 3: OP 27

No glare found

PV array 3: OP 28

No glare found

PV array 3: OP 29

No glare found

PV array 3: OP 30

No glare found

PV array 3: OP 31

No glare found

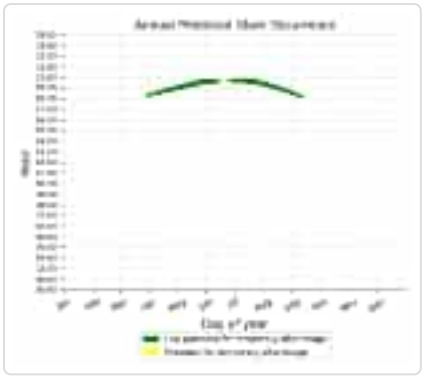
PV array 3: OP 32

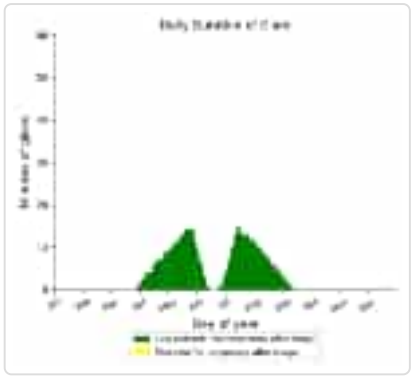
No glare found

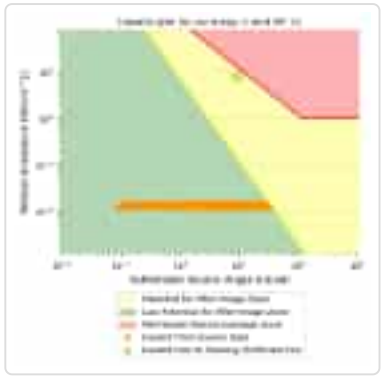
PV array 3: OP 33

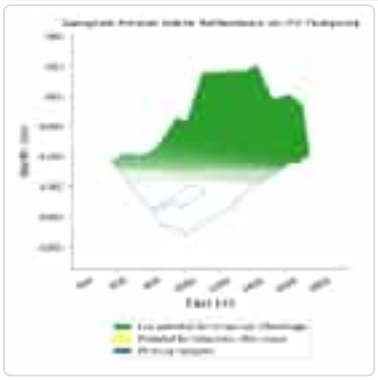
PV array is expected to produce the following glare for this receptor:

- 1,212 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





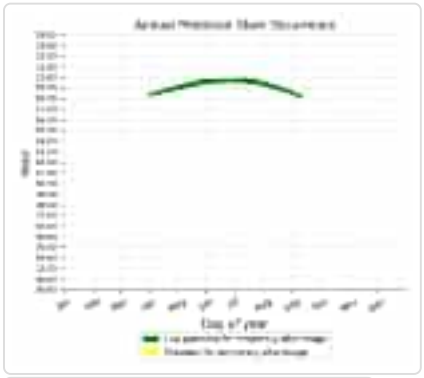


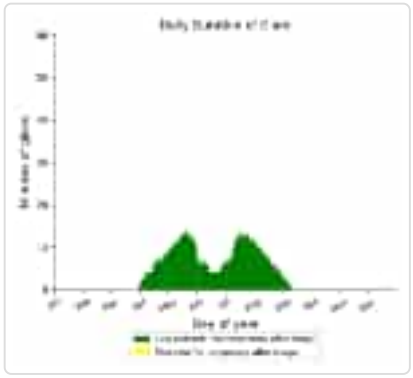


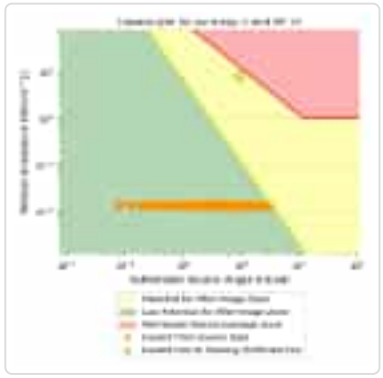
PV array 3: OP 34

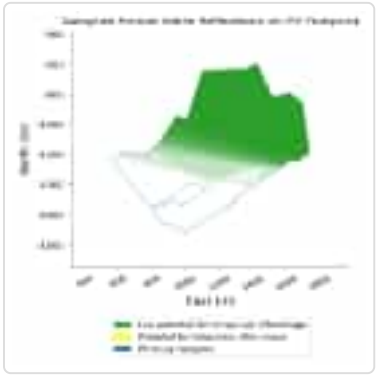
PV array is expected to produce the following glare for this receptor:

- 1,267 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





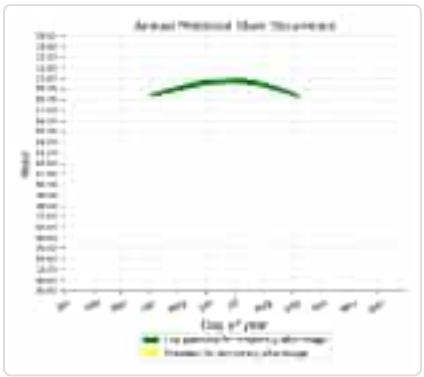


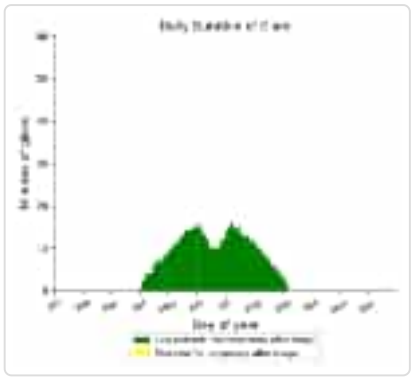


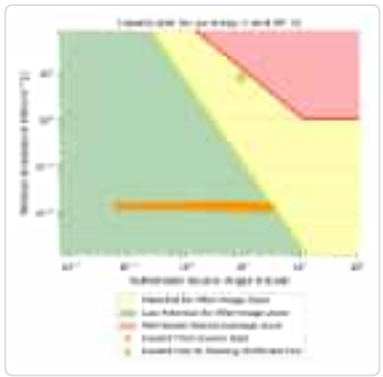
PV array 3: OP 35

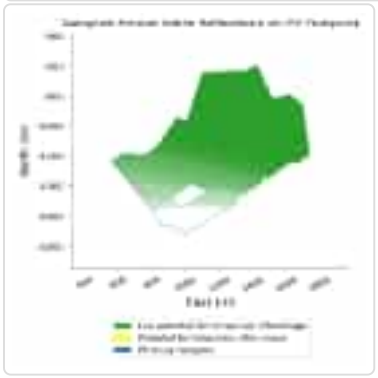
PV array is expected to produce the following glare for this receptor:

- 1,572 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





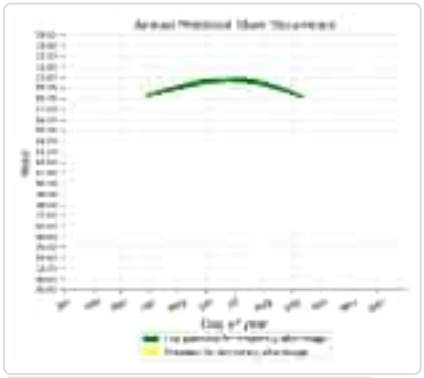


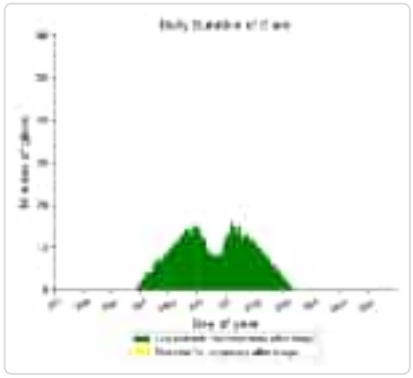


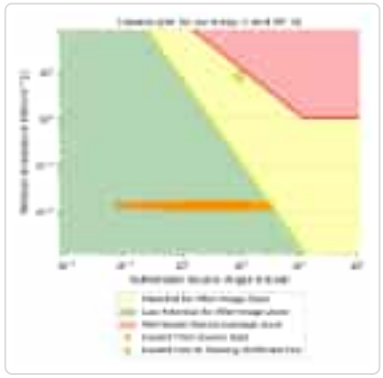
PV array 3: OP 36

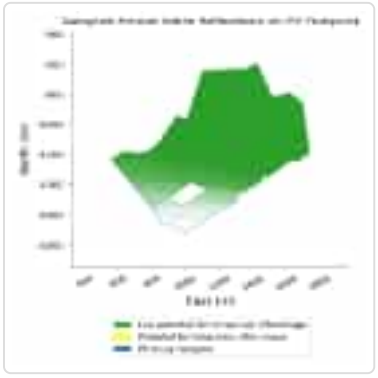
PV array is expected to produce the following glare for this receptor:

- 1,520 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





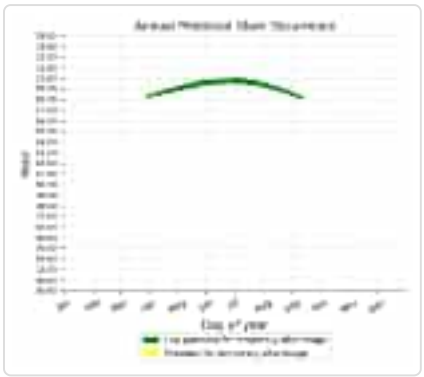


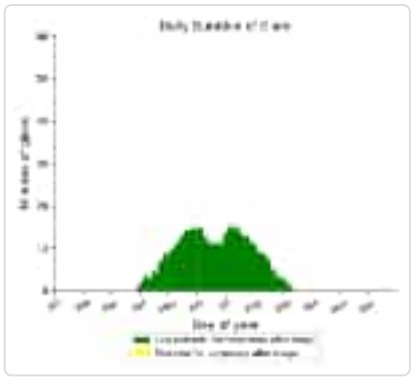


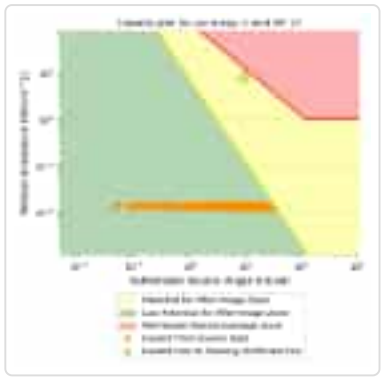
PV array 3: OP 37

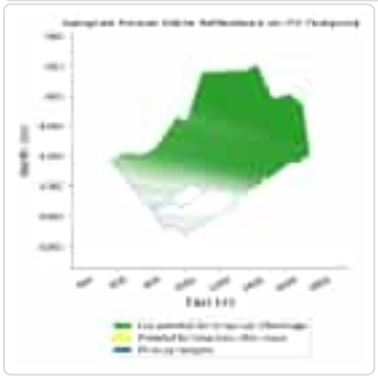
PV array is expected to produce the following glare for this receptor:

- 1,558 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





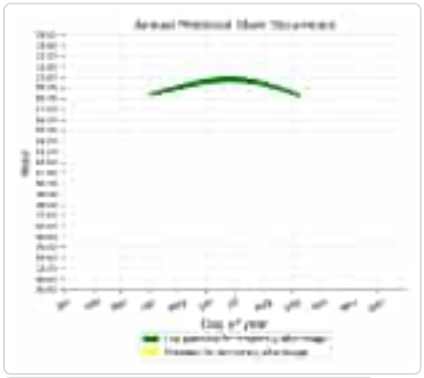


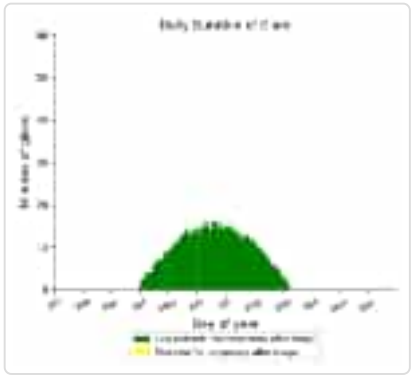


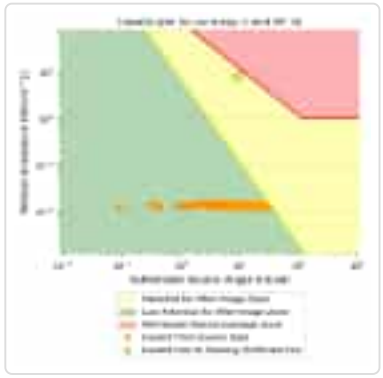
PV array 3: OP 38

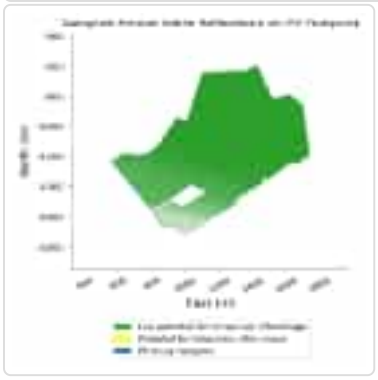
PV array is expected to produce the following glare for this receptor:

- 1,648 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





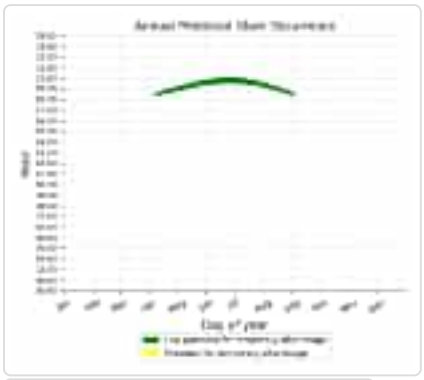


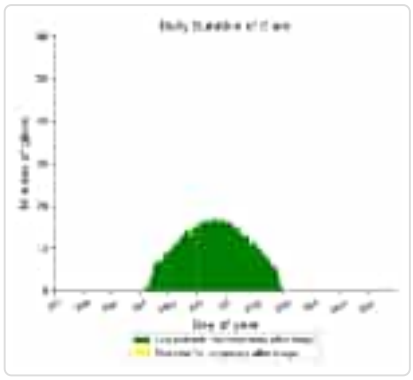


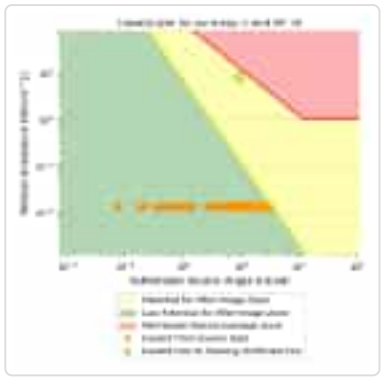
PV array 3: OP 39

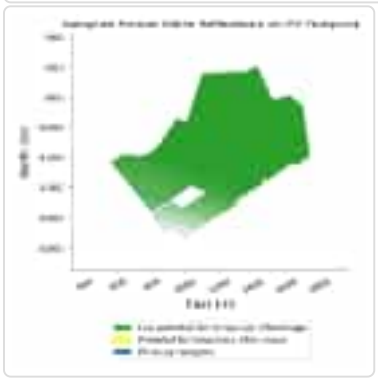
PV array is expected to produce the following glare for this receptor:

- 1,661 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





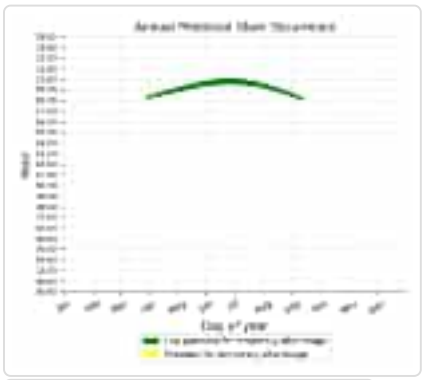


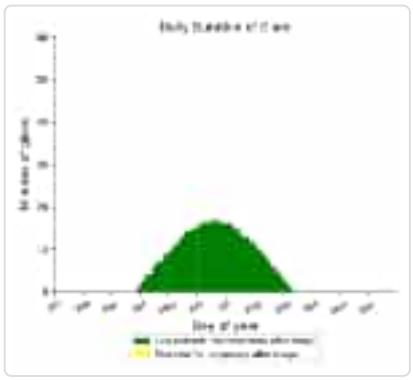


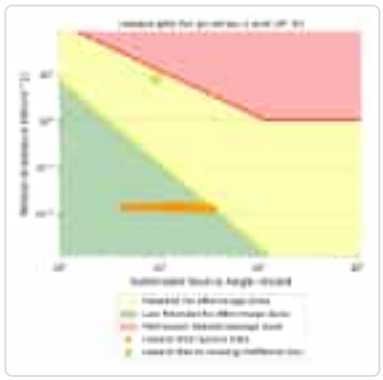
PV array 3: OP 40

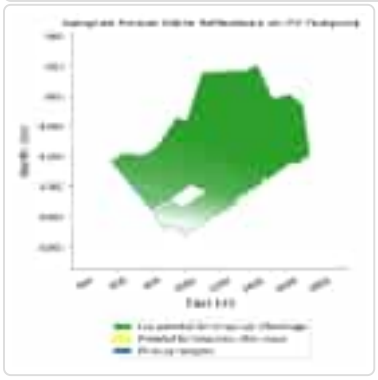
PV array is expected to produce the following glare for this receptor:

- 1,727 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





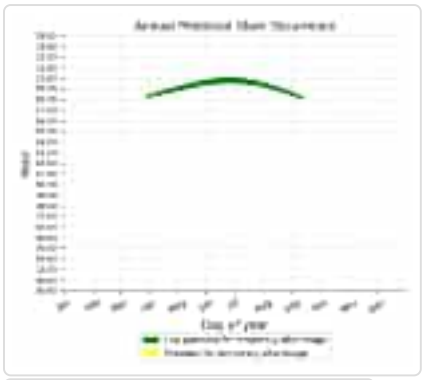


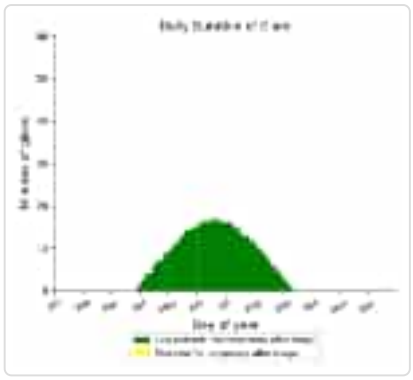


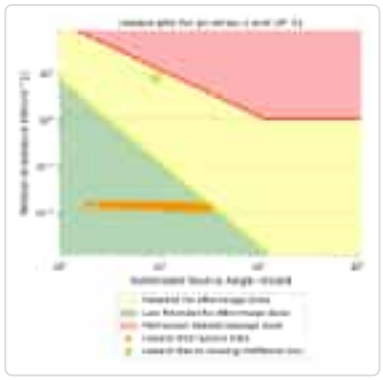
PV array 3: OP 41

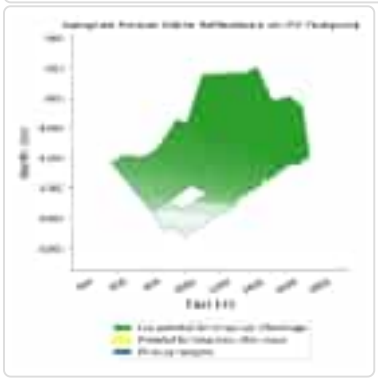
PV array is expected to produce the following glare for this receptor:

- 1,727 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





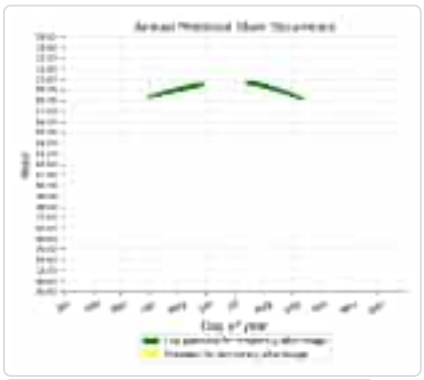


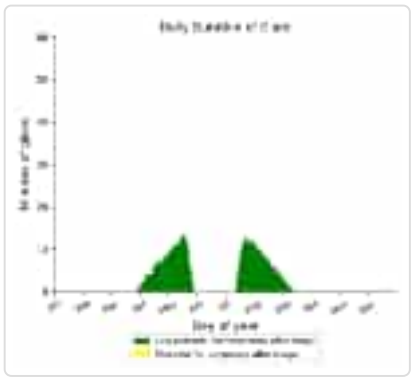


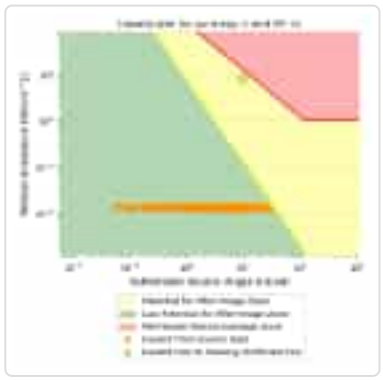
PV array 3: OP 42

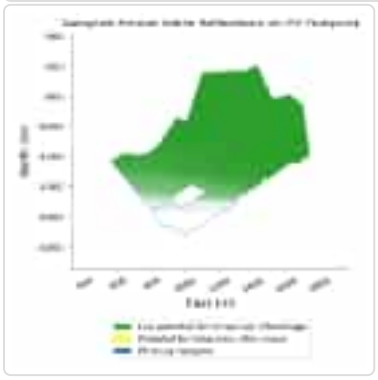
PV array is expected to produce the following glare for this receptor:

- 880 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





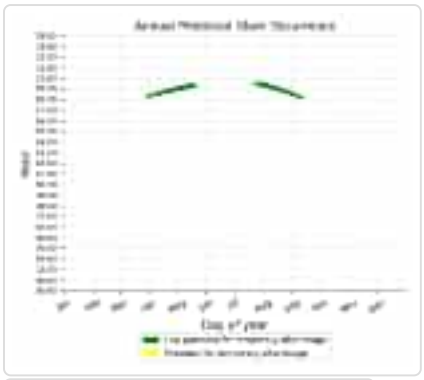


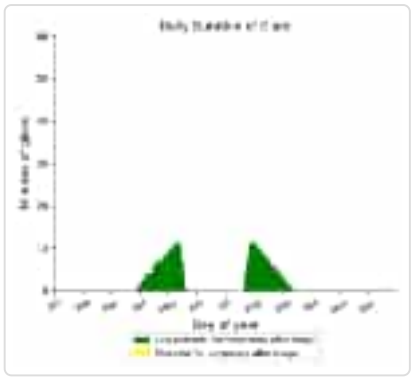


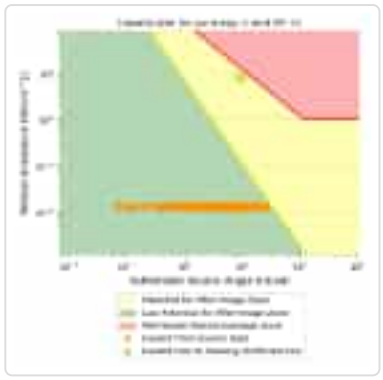
PV array 3: OP 43

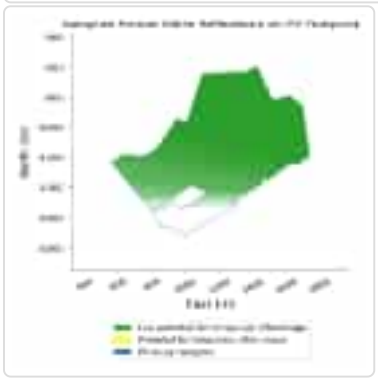
PV array is expected to produce the following glare for this receptor:

- 678 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





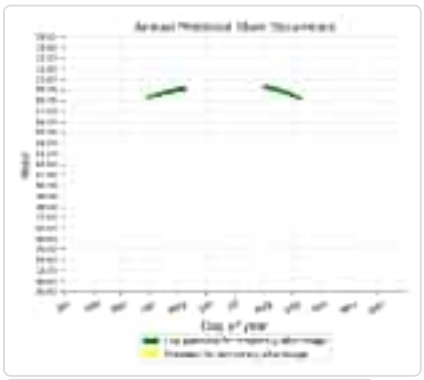


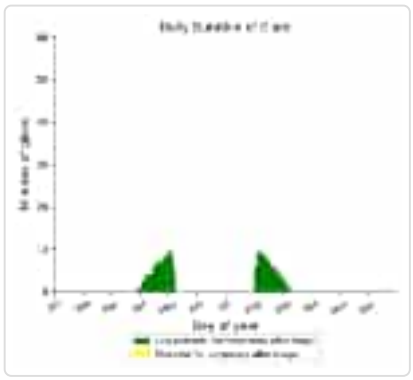


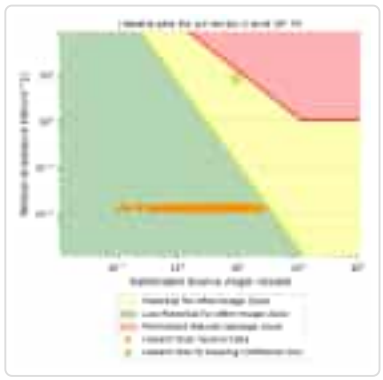
PV array 3: OP 44

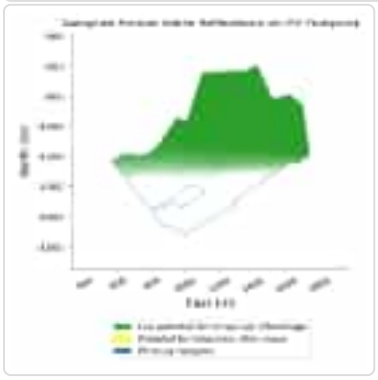
PV array is expected to produce the following glare for this receptor:

- 451 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





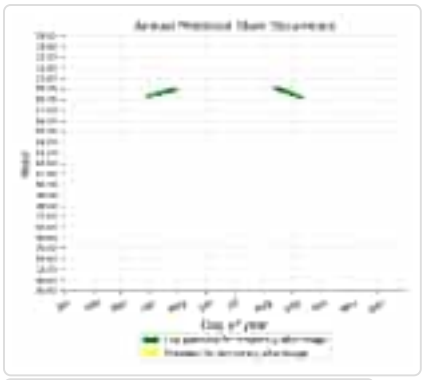


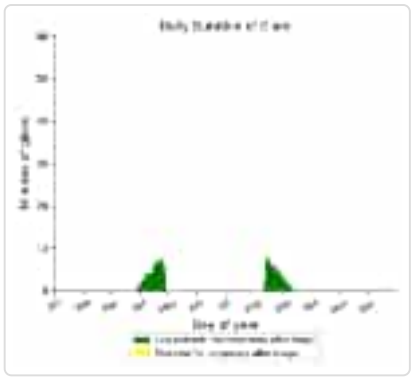


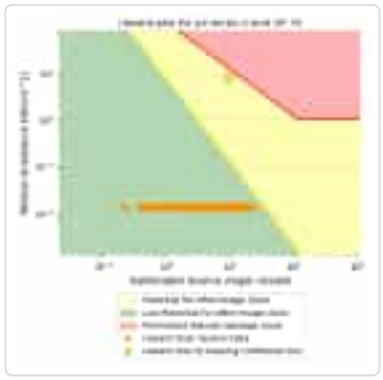
PV array 3: OP 45

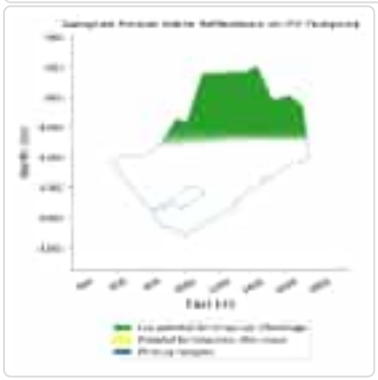
PV array is expected to produce the following glare for this receptor:

- 271 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





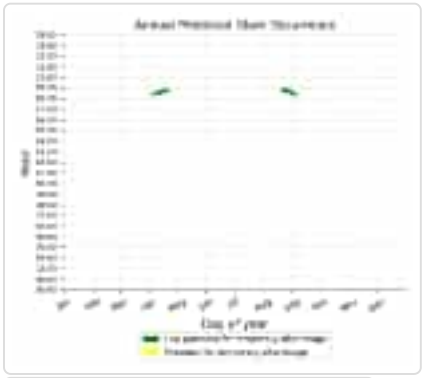


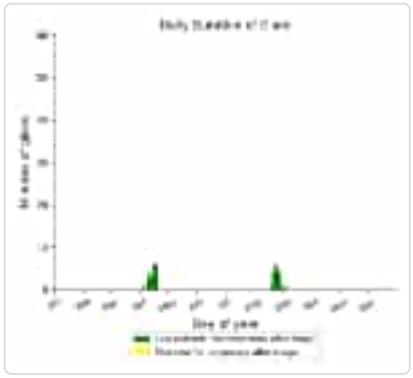


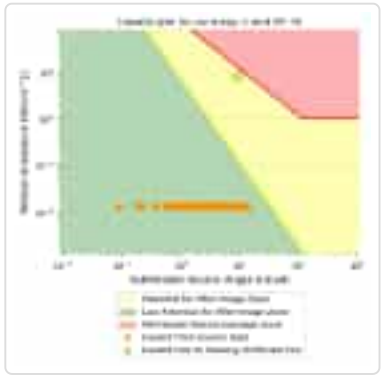
PV array 3: OP 46

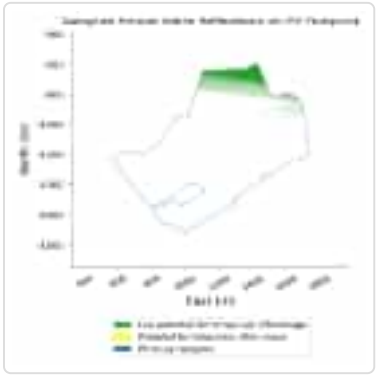
PV array is expected to produce the following glare for this receptor:

- 107 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 47

No glare found

PV array 3: OP 48

No glare found

PV array 3: OP 49

No glare found

PV array 3: OP 50

No glare found

PV array 3: OP 51

No glare found

PV array 3: OP 52

No glare found

PV array 3: OP 53

No glare found

PV array 3: OP 54

No glare found

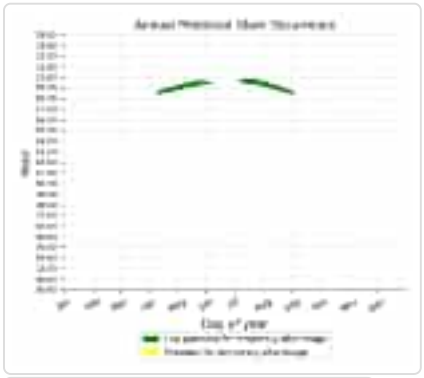
PV array 3: OP 55

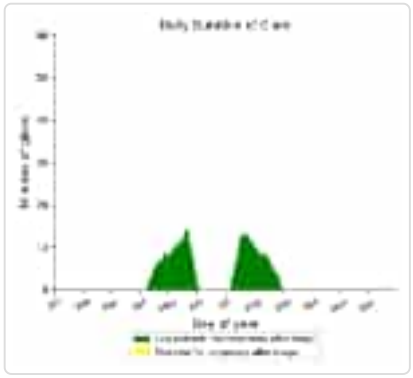
No glare found

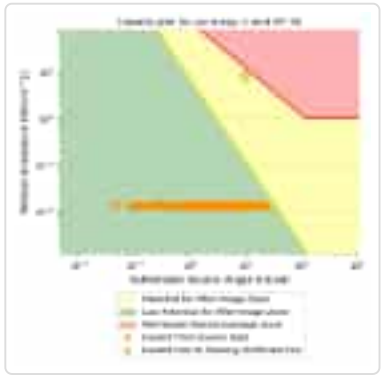
PV array 3: OP 56

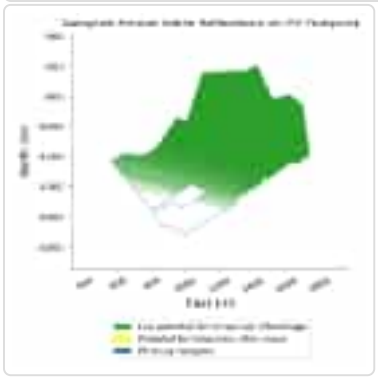
PV array is expected to produce the following glare for this receptor:

- 879 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





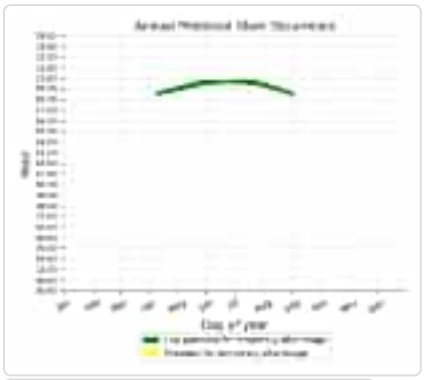


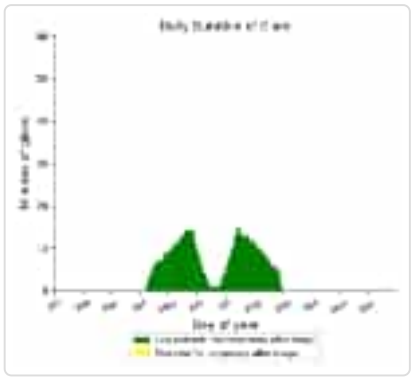


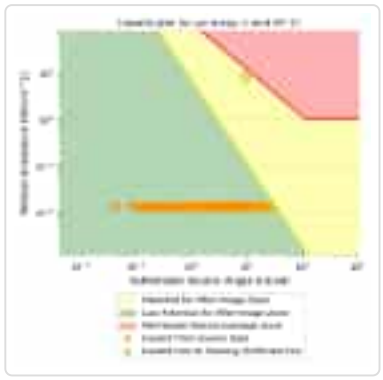
PV array 3: OP 57

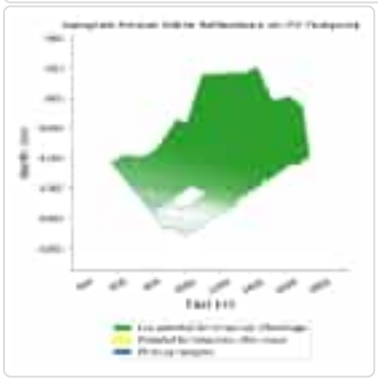
PV array is expected to produce the following glare for this receptor:

- 1,190 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





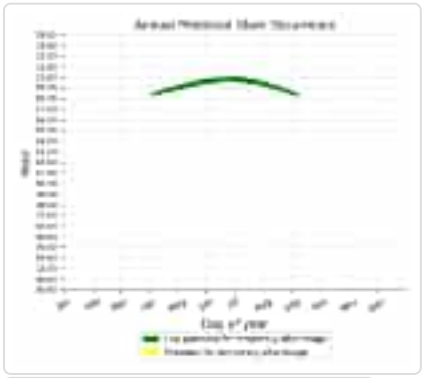


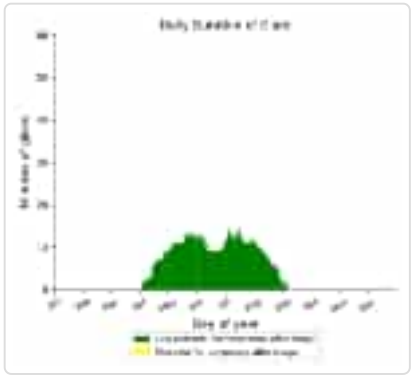


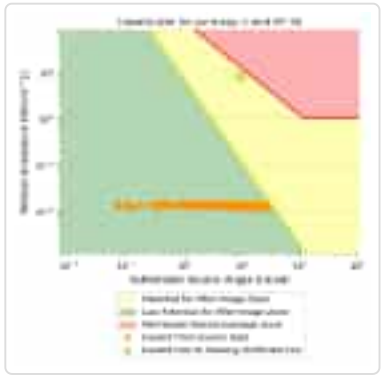
PV array 3: OP 58

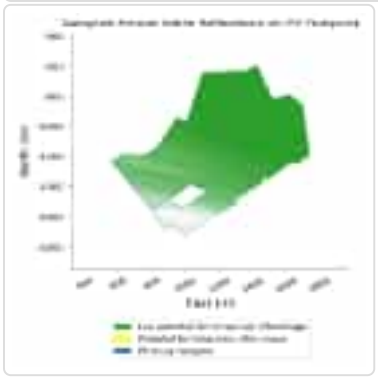
PV array is expected to produce the following glare for this receptor:

- 1,426 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





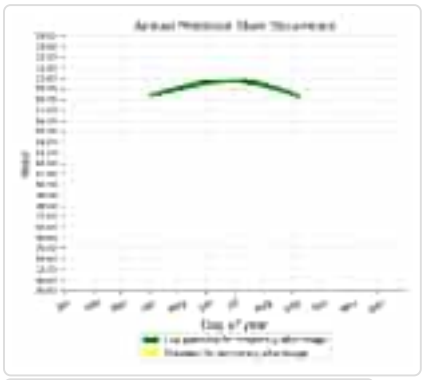


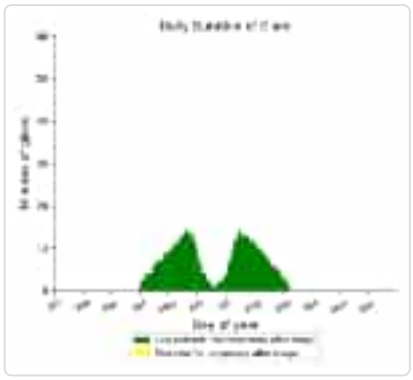


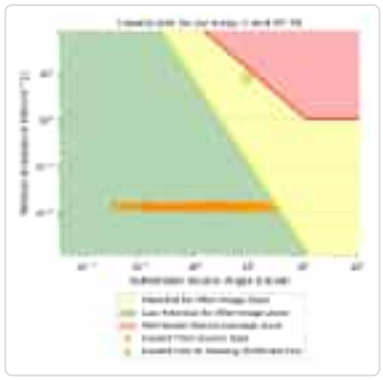
PV array 3: OP 59

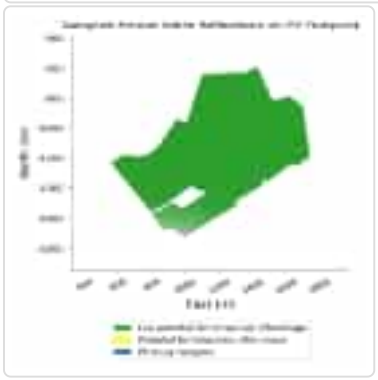
PV array is expected to produce the following glare for this receptor:

- 1,211 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





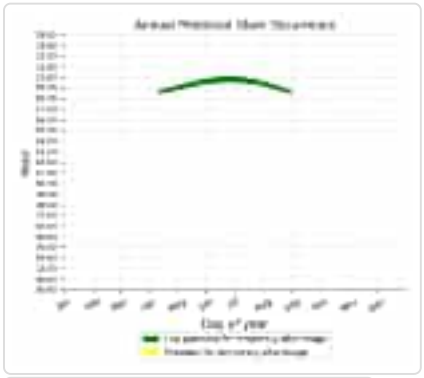


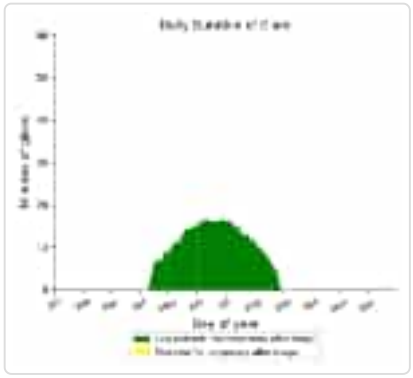


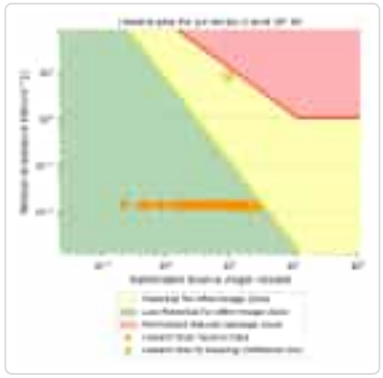
PV array 3: OP 60

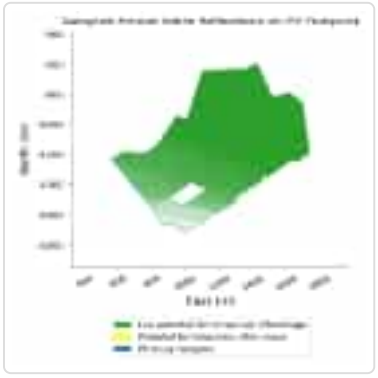
PV array is expected to produce the following glare for this receptor:

- 1,641 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





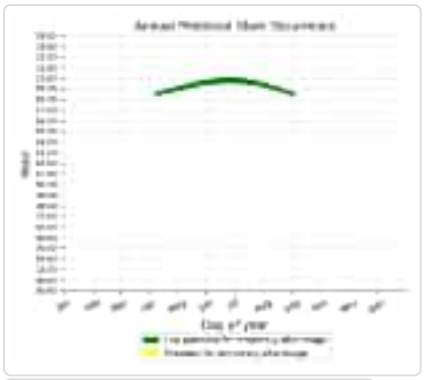


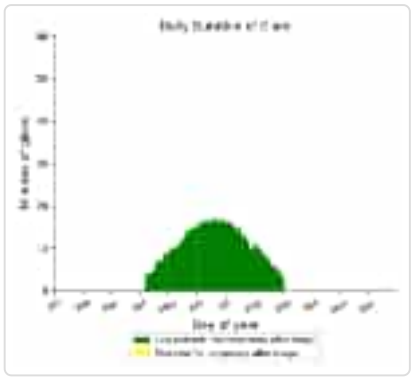


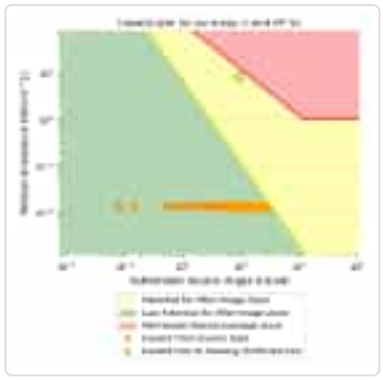
PV array 3: OP 61

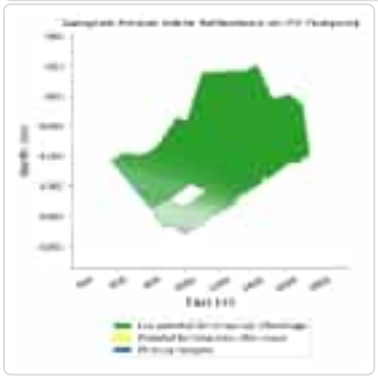
PV array is expected to produce the following glare for this receptor:

- 1,669 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





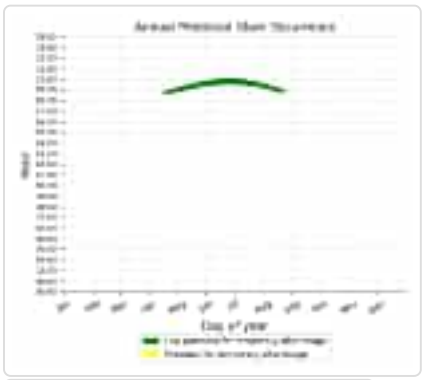


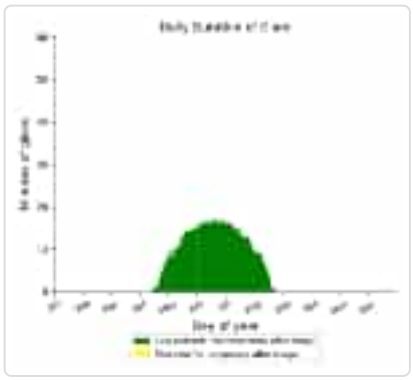


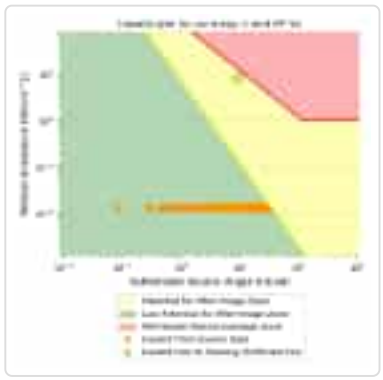
PV array 3: OP 62

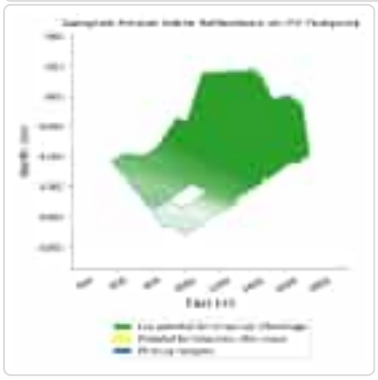
PV array is expected to produce the following glare for this receptor:

- 1,491 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





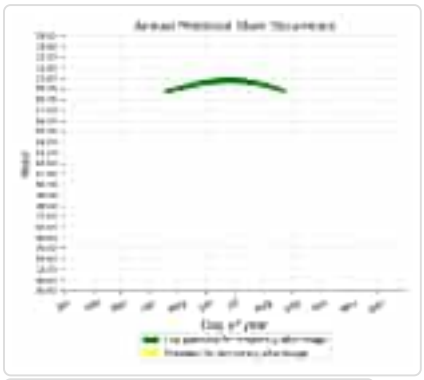


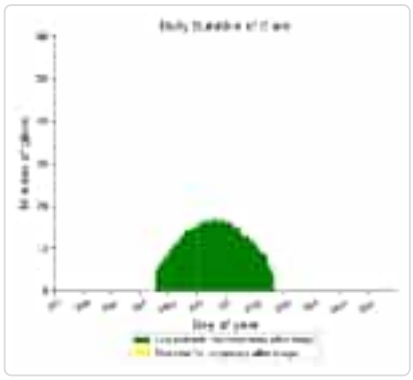


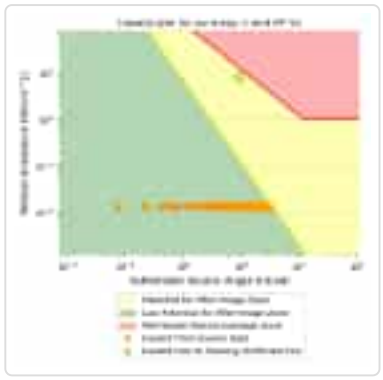
PV array 3: OP 63

PV array is expected to produce the following glare for this receptor:

- 1,578 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



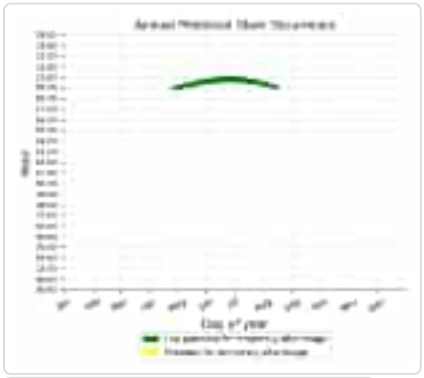


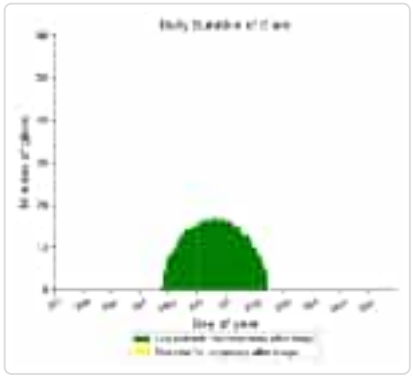


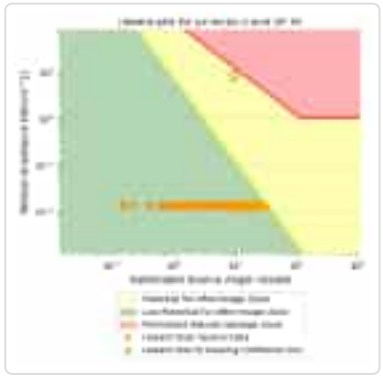
PV array 3: OP 64

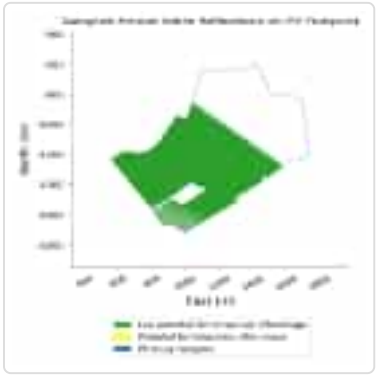
PV array is expected to produce the following glare for this receptor:

- 1,440 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





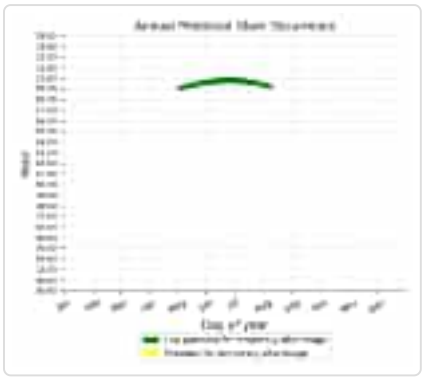


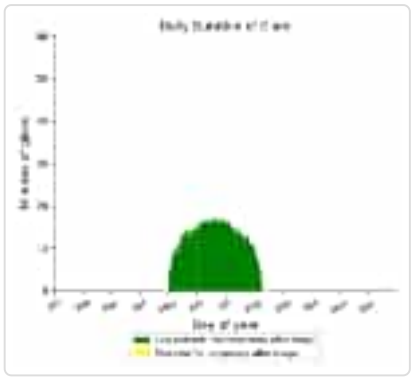


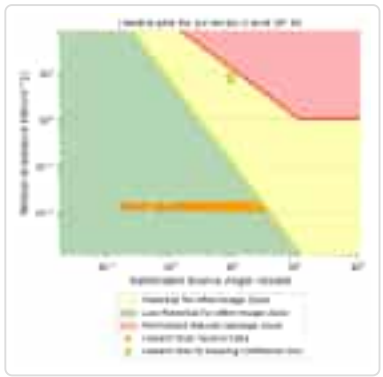
PV array 3: OP 65

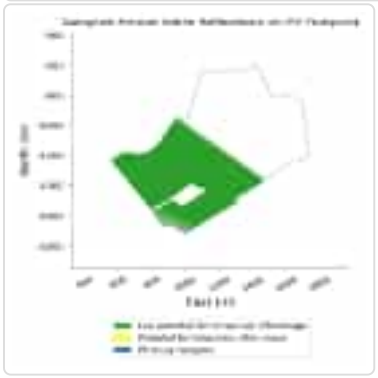
PV array is expected to produce the following glare for this receptor:

- 1,316 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





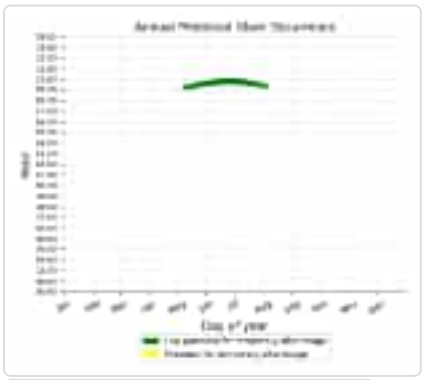


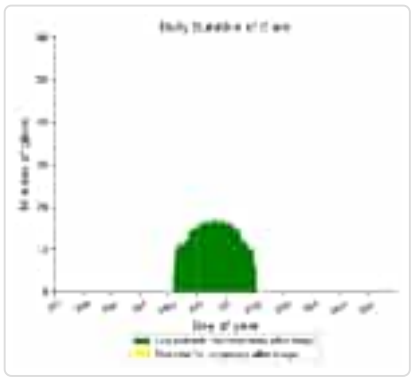


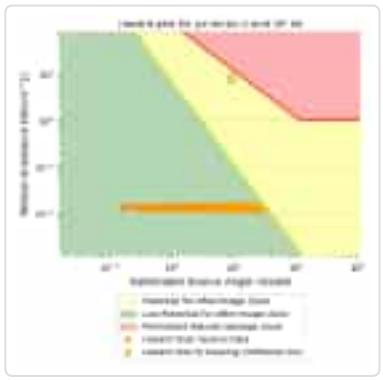
PV array 3: OP 66

PV array is expected to produce the following glare for this receptor:

- 1,231 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



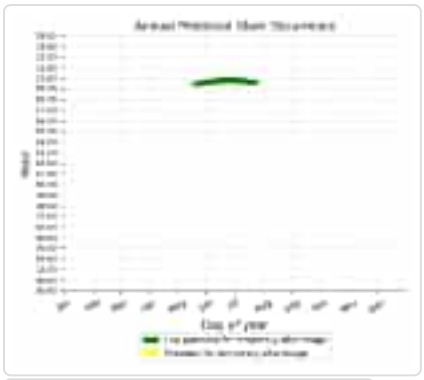


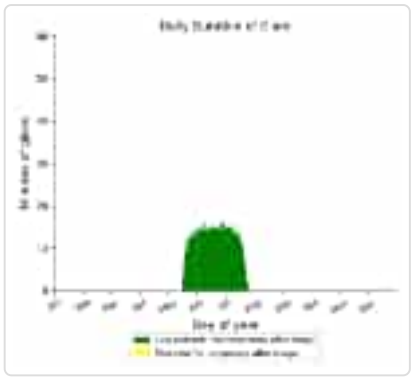


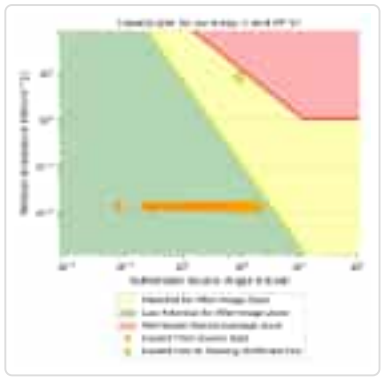
PV array 3: OP 67

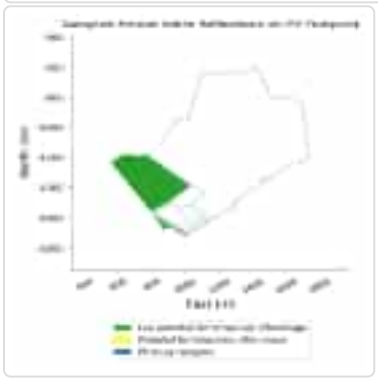
PV array is expected to produce the following glare for this receptor:

- 917 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





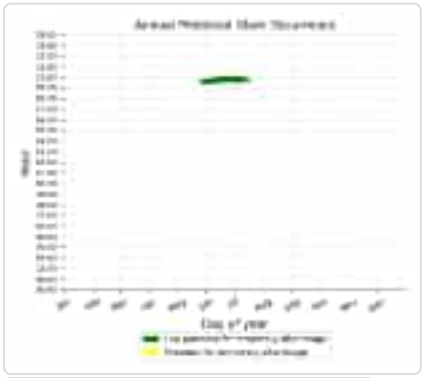


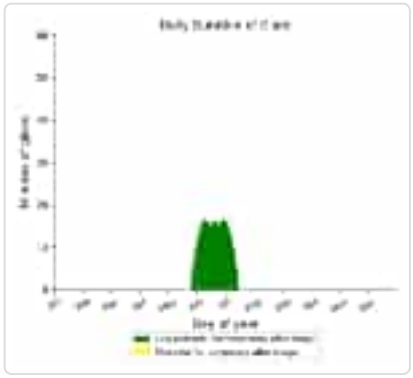


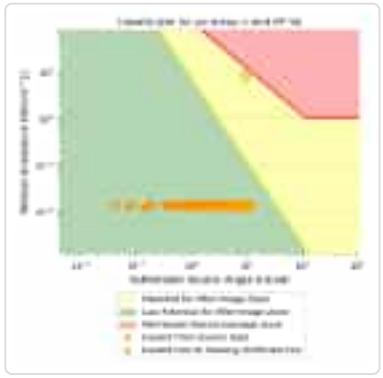
PV array 3: OP 68

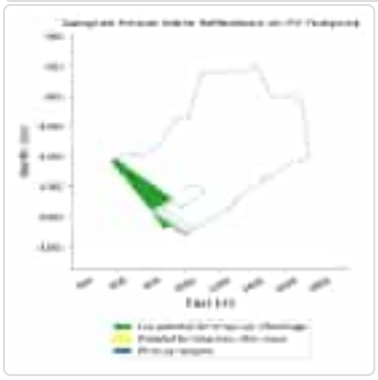
PV array is expected to produce the following glare for this receptor:

- 681 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





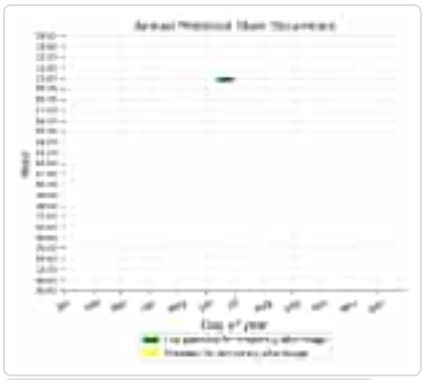


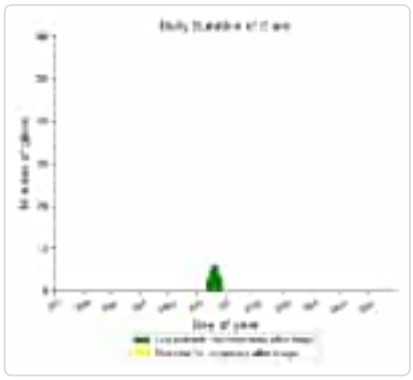


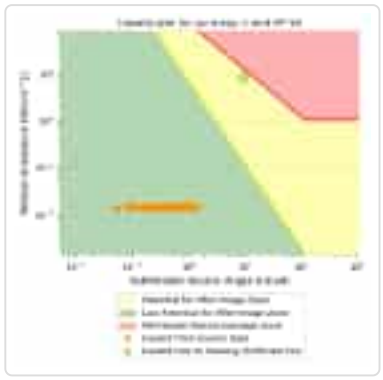
PV array 3: OP 69

PV array is expected to produce the following glare for this receptor:

- 81 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 3: OP 70

No glare found

PV array 3: OP 71

No glare found

PV array 3: OP 72

No glare found

PV array 3: OP 73

No glare found

PV array 4 potential temporary after-image

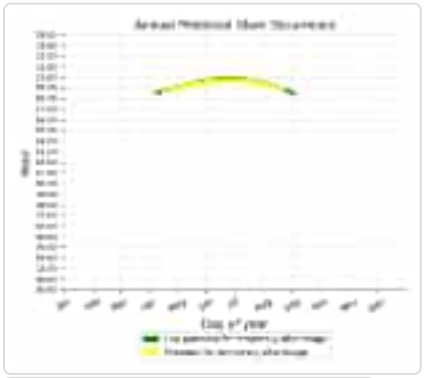
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	679	896
OP: OP 2	577	922
OP: OP 3	852	655
OP: OP 4	1369	136
OP: OP 5	1471	0
OP: OP 6	1492	0
OP: OP 7	1430	0
OP: OP 8	1191	0
OP: OP 9	636	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	463	1059
OP: OP 33	1473	0
OP: OP 34	1457	0
OP: OP 35	1411	0
OP: OP 36	1403	0
OP: OP 37	1355	0
OP: OP 38	1188	0
OP: OP 39	1124	0
OP: OP 40	1168	0

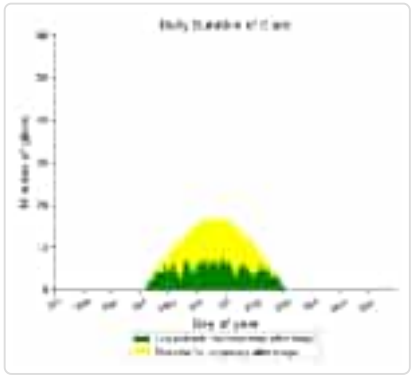
OP: OP 41	1310	0
OP: OP 42	1446	0
OP: OP 43	1469	0
OP: OP 44	1464	0
OP: OP 45	1491	0
OP: OP 46	1509	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	1354	0
OP: OP 57	1347	0
OP: OP 58	1309	0
OP: OP 59	1374	0
OP: OP 60	1187	0
OP: OP 61	1133	0
OP: OP 62	823	0
OP: OP 63	137	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0

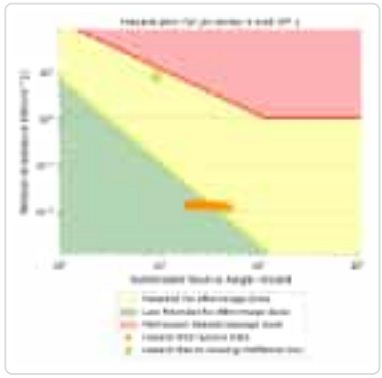
PV array 4: OP 1

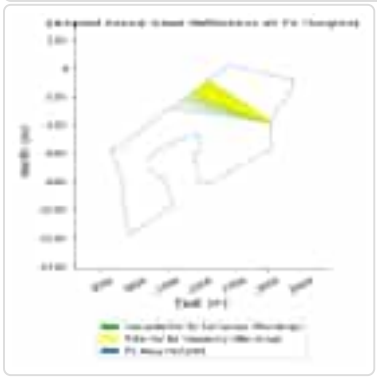
PV array is expected to produce the following glare for this receptor:

- 679 minutes of "green" glare with low potential to cause temporary after-image.
- 896 minutes of "yellow" glare with potential to cause temporary after-image.





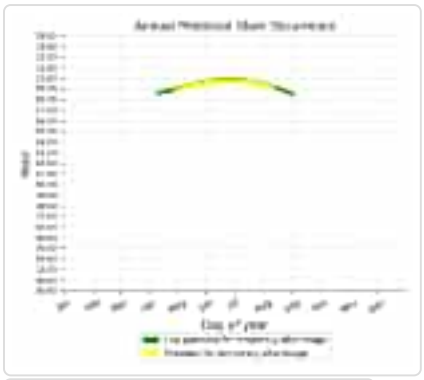


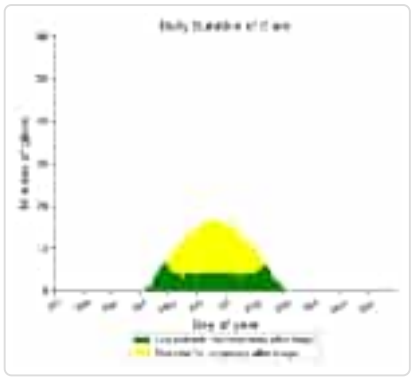


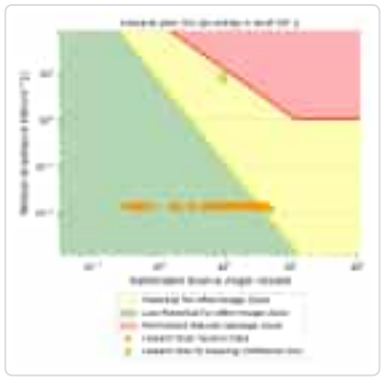
PV array 4: OP 2

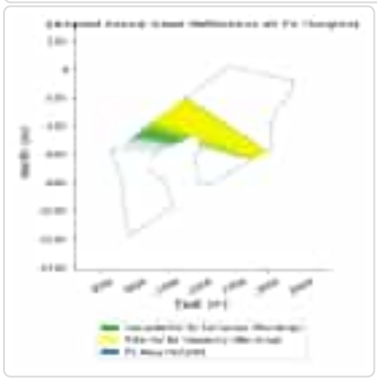
PV array is expected to produce the following glare for this receptor:

- 577 minutes of "green" glare with low potential to cause temporary after-image.
- 922 minutes of "yellow" glare with potential to cause temporary after-image.





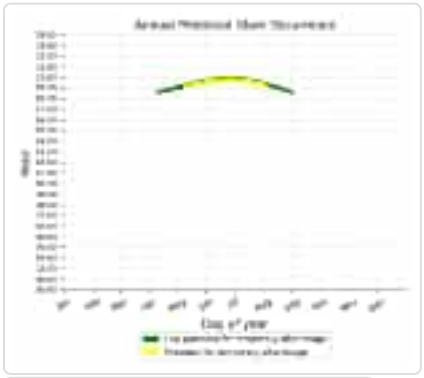


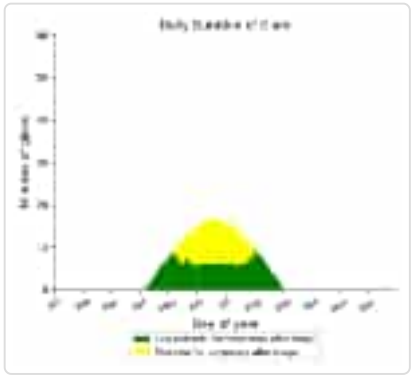


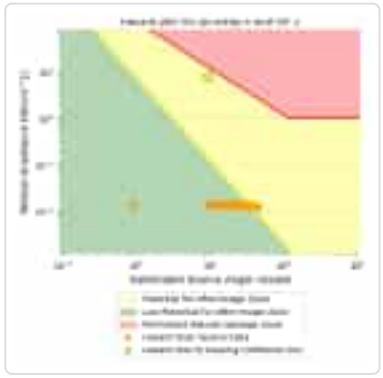
PV array 4: OP 3

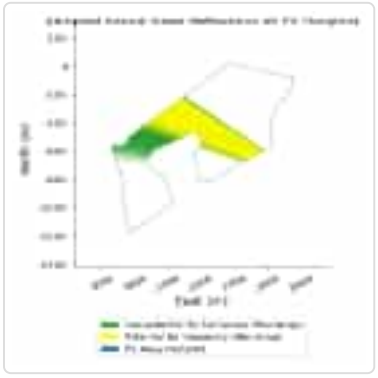
PV array is expected to produce the following glare for this receptor:

- 852 minutes of "green" glare with low potential to cause temporary after-image.
- 655 minutes of "yellow" glare with potential to cause temporary after-image.





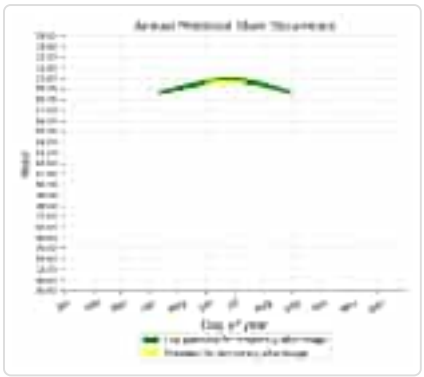


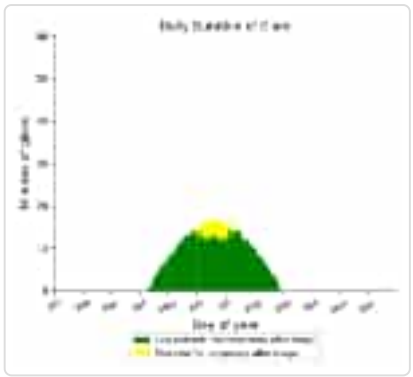


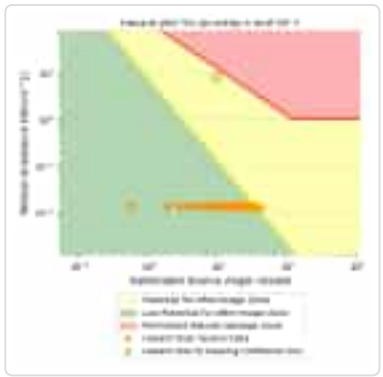
PV array 4: OP 4

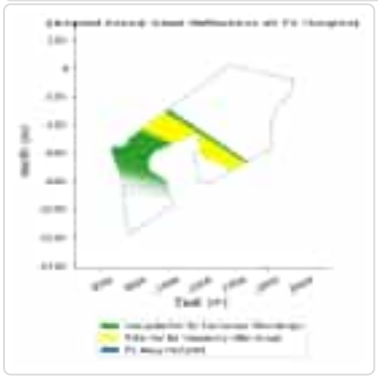
PV array is expected to produce the following glare for this receptor:

- 1,369 minutes of "green" glare with low potential to cause temporary after-image.
- 136 minutes of "yellow" glare with potential to cause temporary after-image.





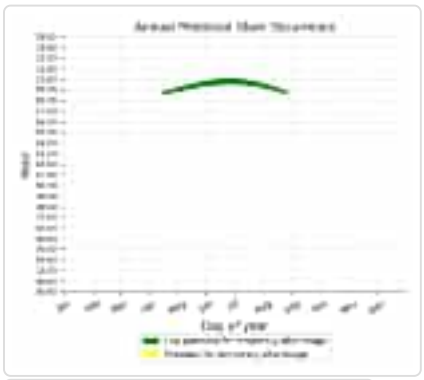


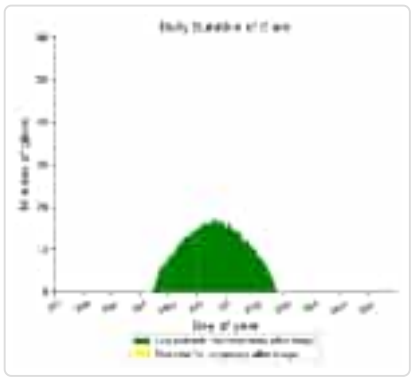


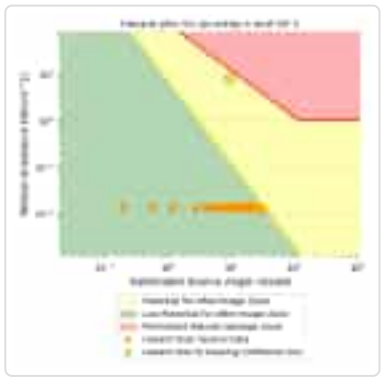
PV array 4: OP 5

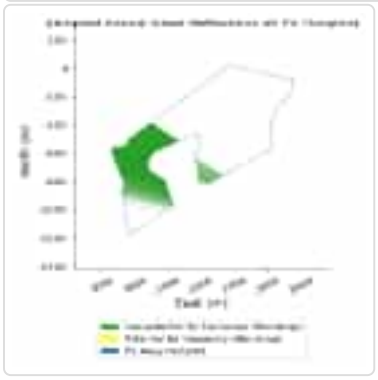
PV array is expected to produce the following glare for this receptor:

- 1,471 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





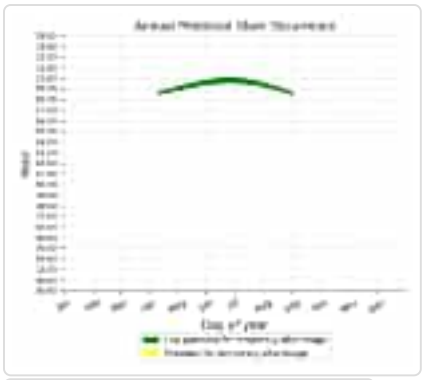


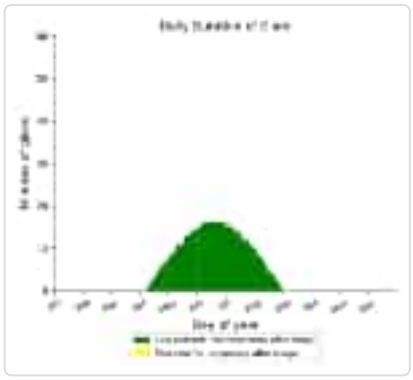


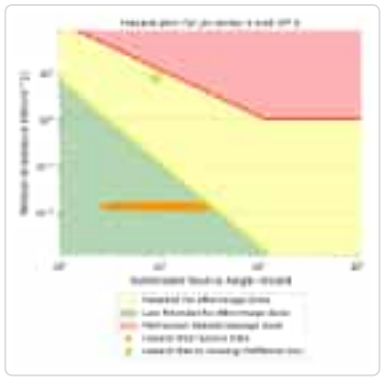
PV array 4: OP 6

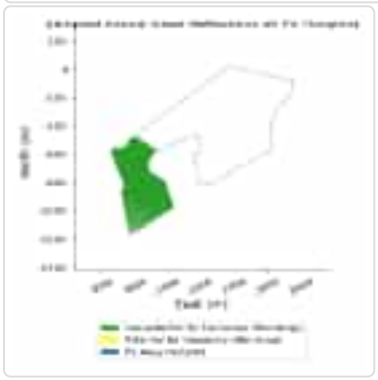
PV array is expected to produce the following glare for this receptor:

- 1,492 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





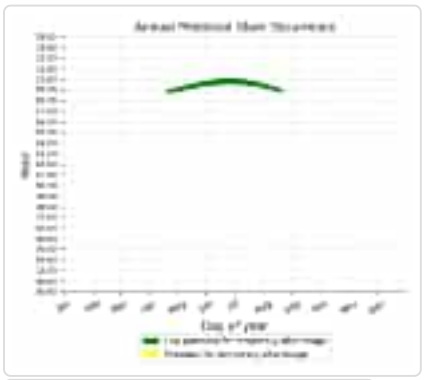


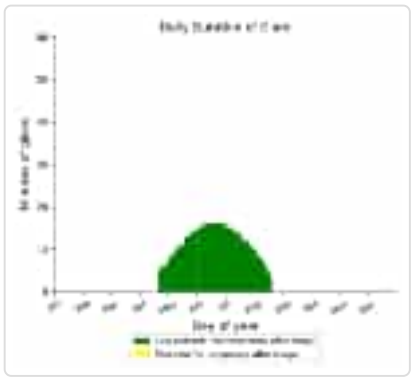


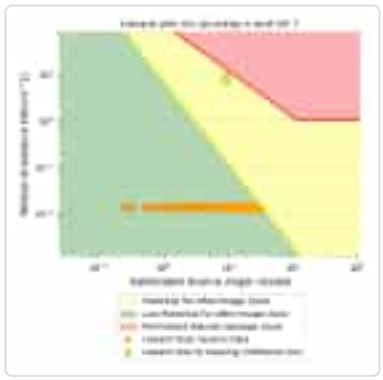
PV array 4: OP 7

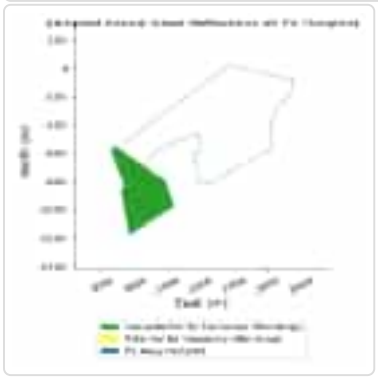
PV array is expected to produce the following glare for this receptor:

- 1,430 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





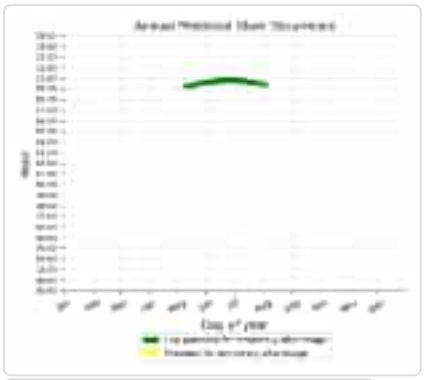


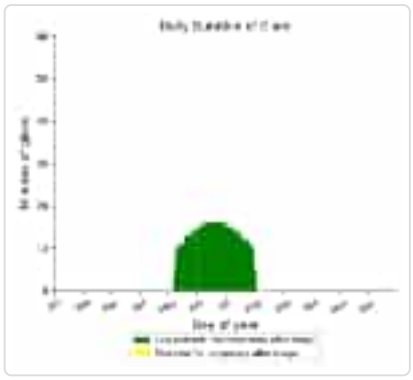


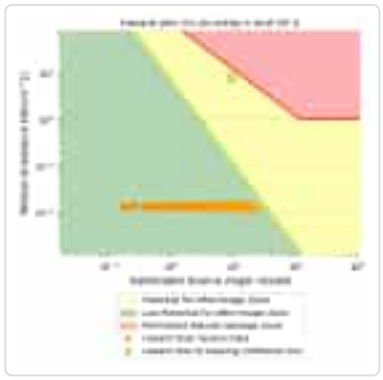
PV array 4: OP 8

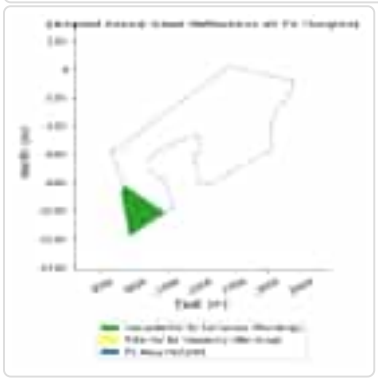
PV array is expected to produce the following glare for this receptor:

- 1,191 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





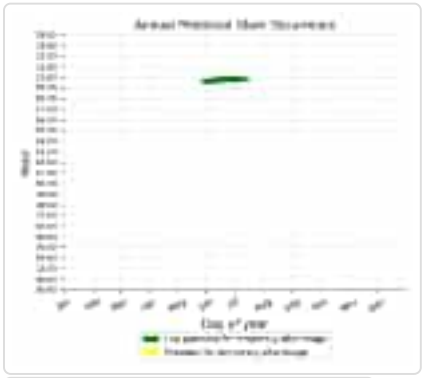


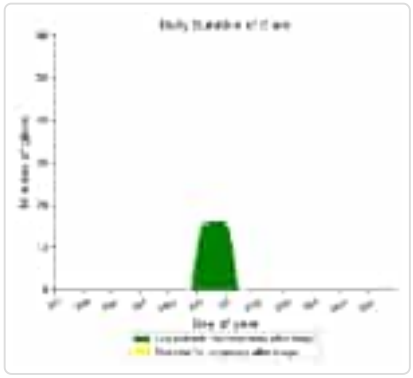


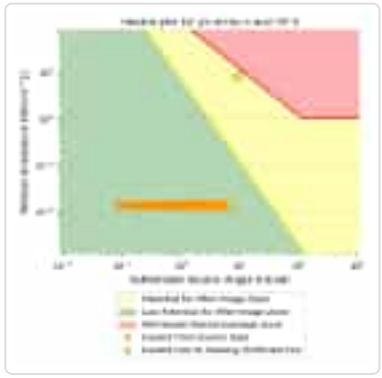
PV array 4: OP 9

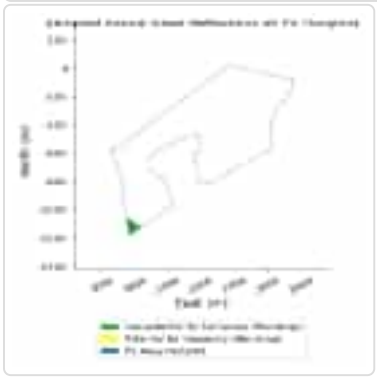
PV array is expected to produce the following glare for this receptor:

- 636 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 10

No glare found

PV array 4: OP 11

No glare found

PV array 4: OP 12

No glare found

PV array 4: OP 13

No glare found

PV array 4: OP 14

No glare found

PV array 4: OP 15

No glare found

PV array 4: OP 16

No glare found

PV array 4: OP 17

No glare found

PV array 4: OP 18

No glare found

PV array 4: OP 19

No glare found

PV array 4: OP 20

No glare found

PV array 4: OP 21

No glare found

PV array 4: OP 22

No glare found

PV array 4: OP 23

No glare found

PV array 4: OP 24

No glare found

PV array 4: OP 25

No glare found

PV array 4: OP 26

No glare found

PV array 4: OP 27

No glare found

PV array 4: OP 28

No glare found

PV array 4: OP 29

No glare found

PV array 4: OP 30

No glare found

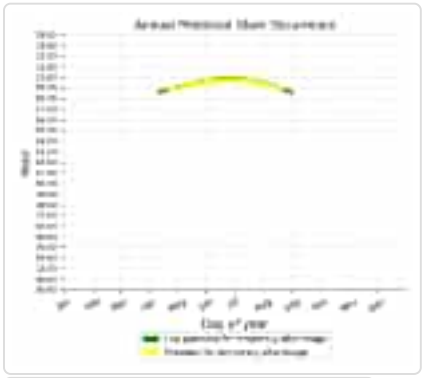
PV array 4: OP 31

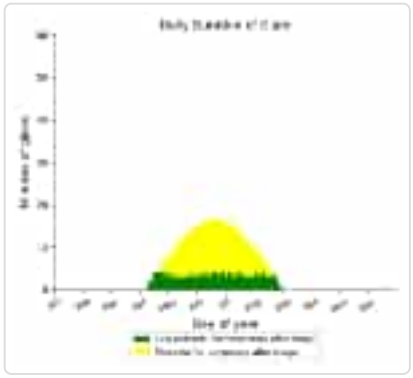
No glare found

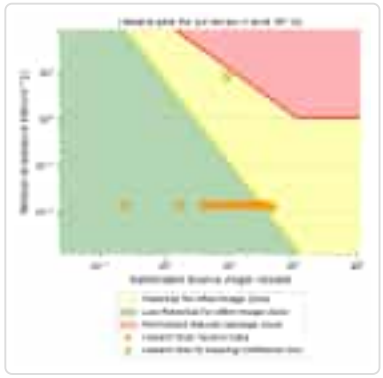
PV array 4: OP 32

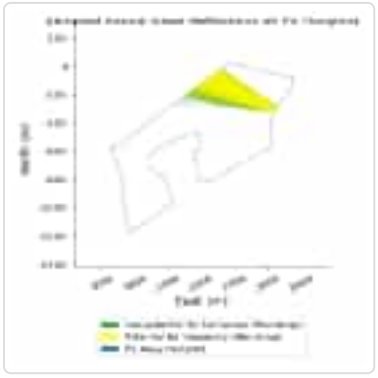
PV array is expected to produce the following glare for this receptor:

- 463 minutes of "green" glare with low potential to cause temporary after-image.
- 1,059 minutes of "yellow" glare with potential to cause temporary after-image.





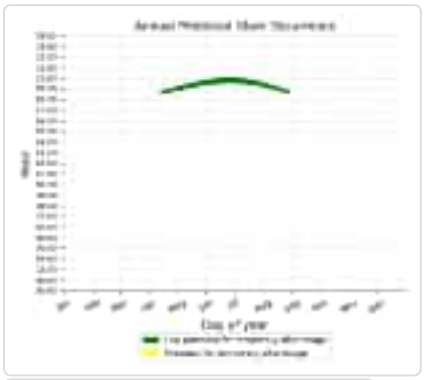


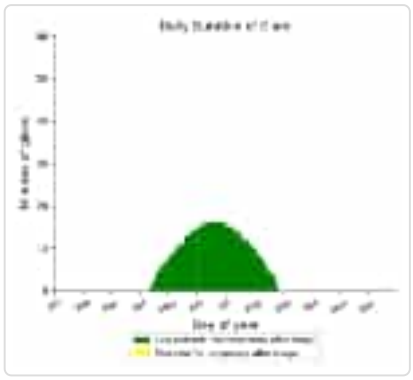


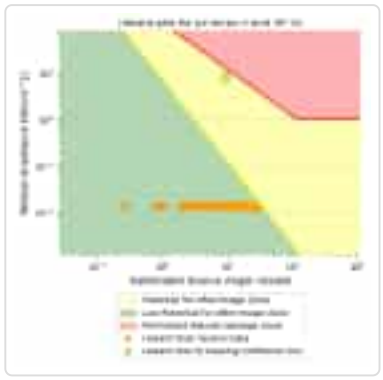
PV array 4: OP 33

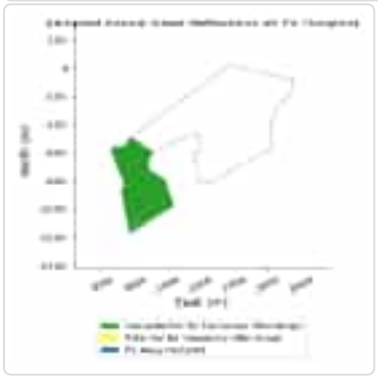
PV array is expected to produce the following glare for this receptor:

- 1,473 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





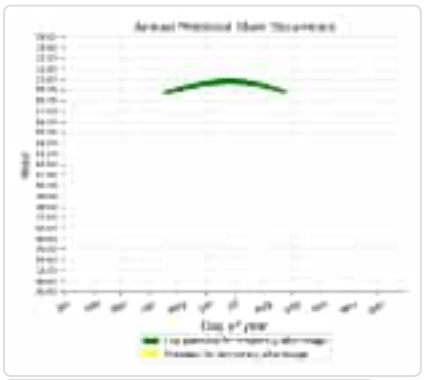


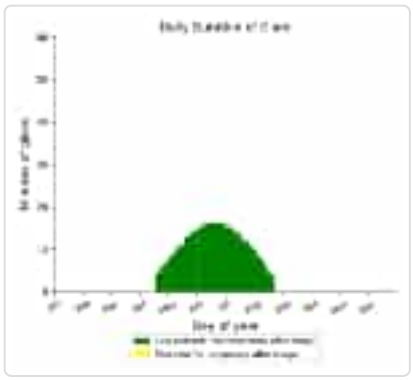


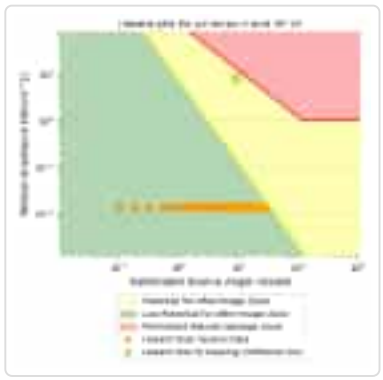
PV array 4: OP 34

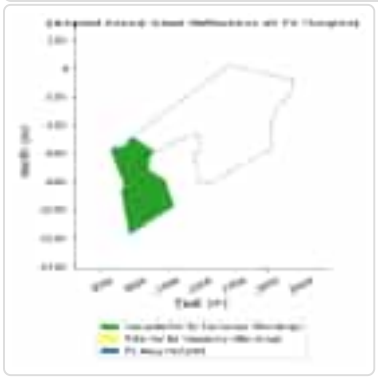
PV array is expected to produce the following glare for this receptor:

- 1,457 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





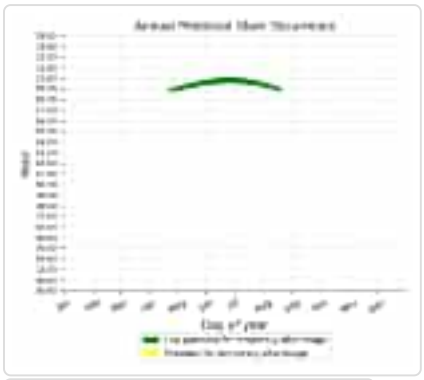


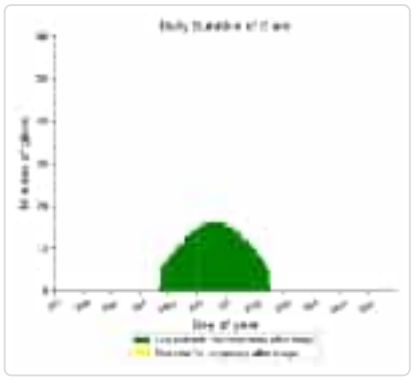


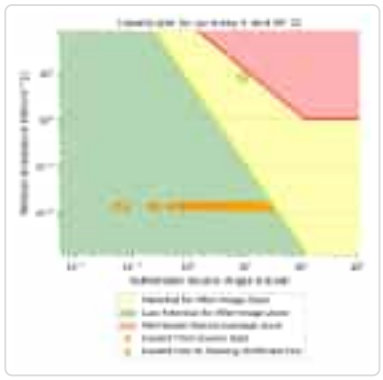
PV array 4: OP 35

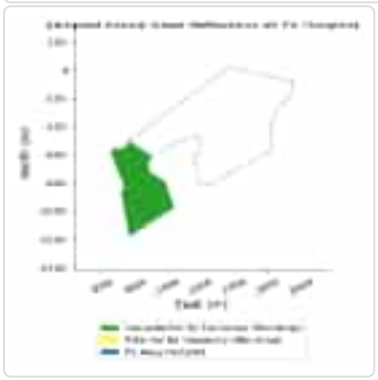
PV array is expected to produce the following glare for this receptor:

- 1,411 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





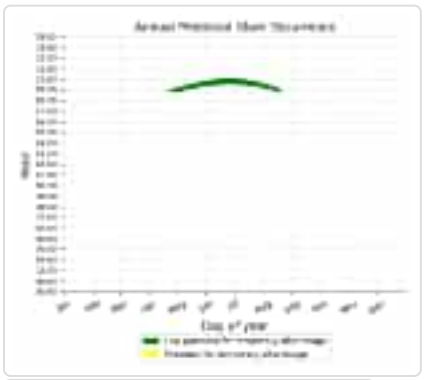


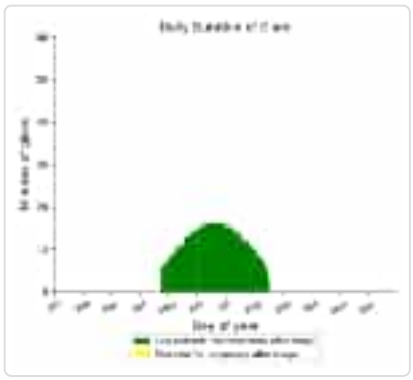


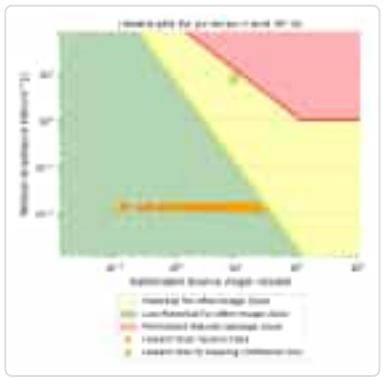
PV array 4: OP 36

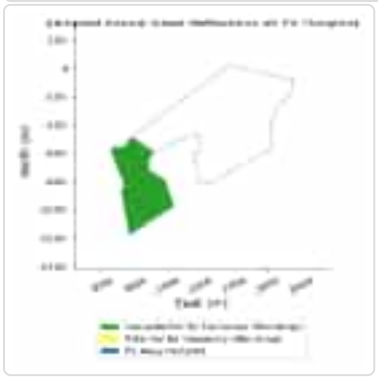
PV array is expected to produce the following glare for this receptor:

- 1,403 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





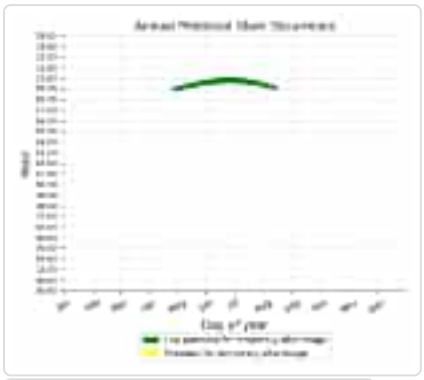


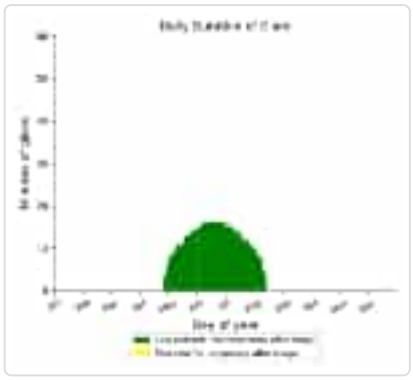


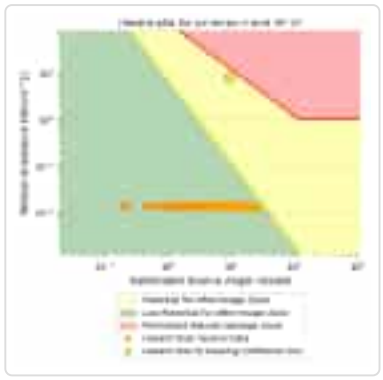
PV array 4: OP 37

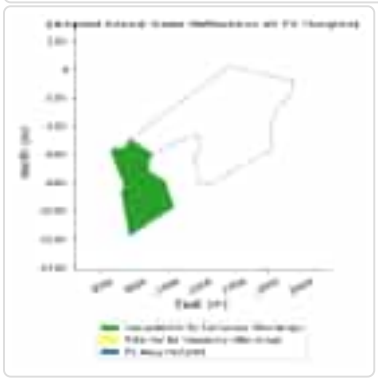
PV array is expected to produce the following glare for this receptor:

- 1,355 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





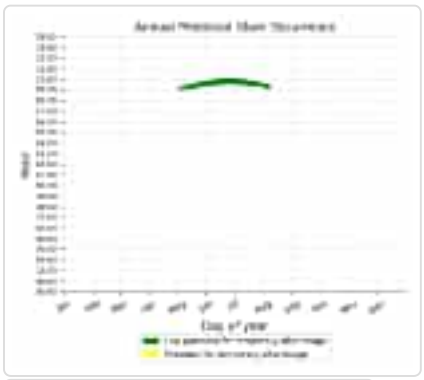


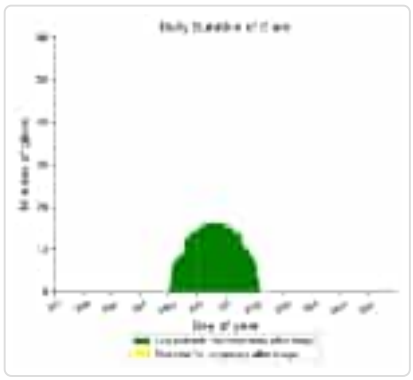


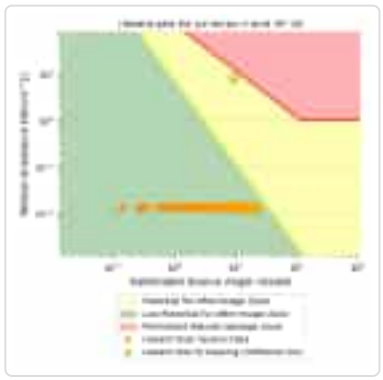
PV array 4: OP 38

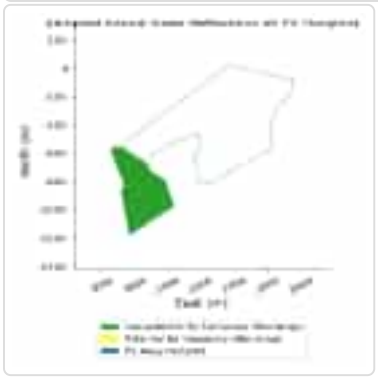
PV array is expected to produce the following glare for this receptor:

- 1,188 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





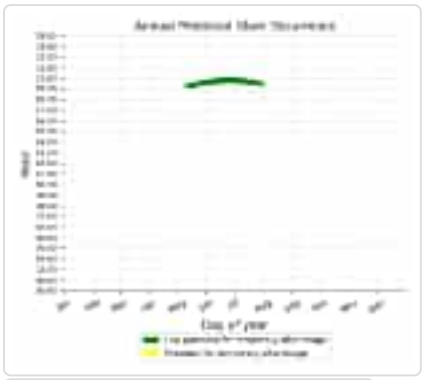


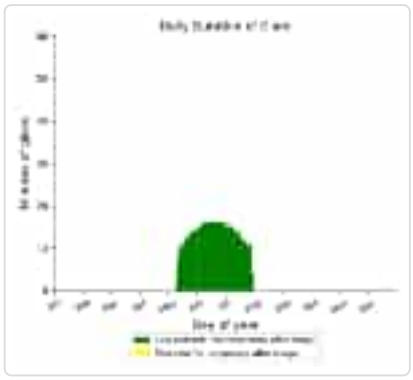


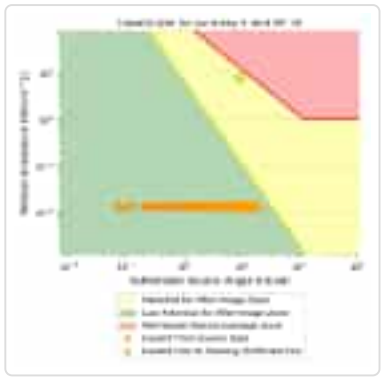
PV array 4: OP 39

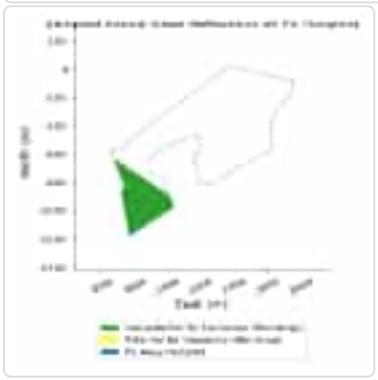
PV array is expected to produce the following glare for this receptor:

- 1,124 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





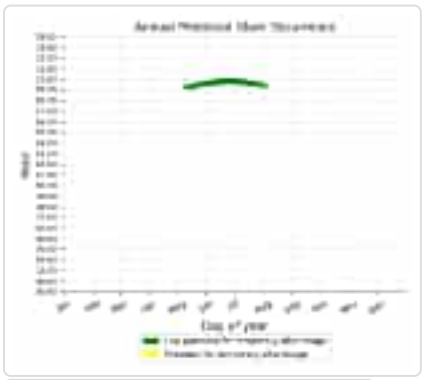


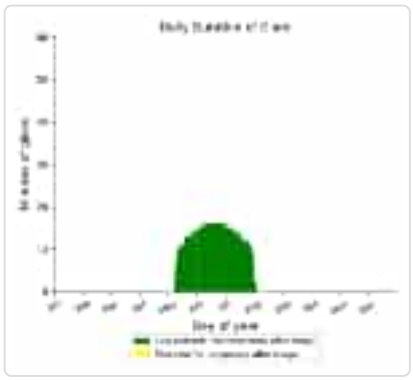


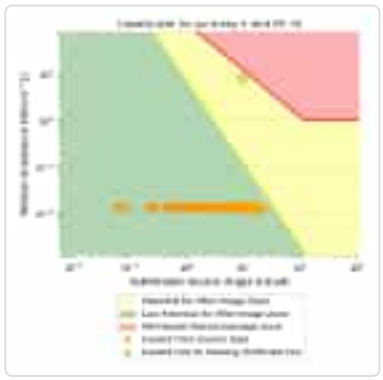
PV array 4: OP 40

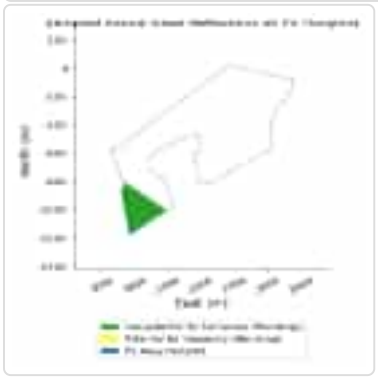
PV array is expected to produce the following glare for this receptor:

- 1,168 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





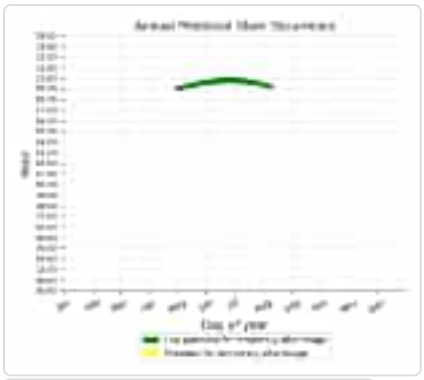


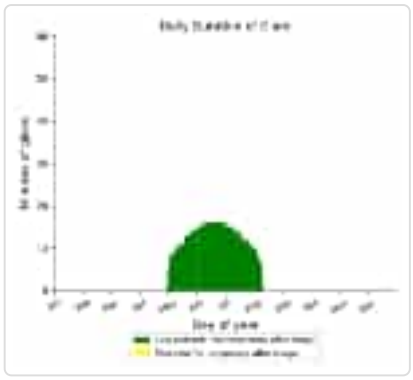


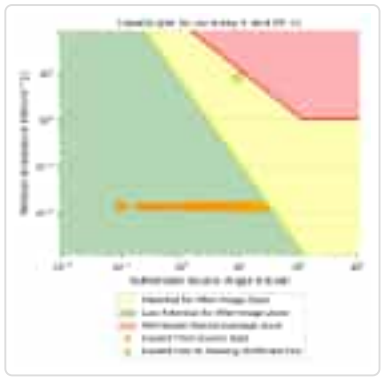
PV array 4: OP 41

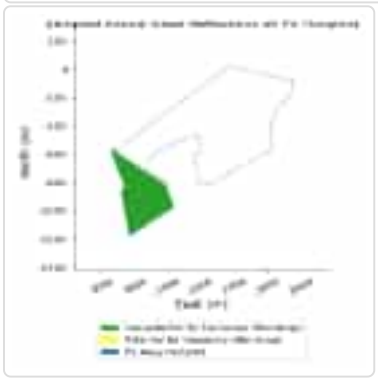
PV array is expected to produce the following glare for this receptor:

- 1,310 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





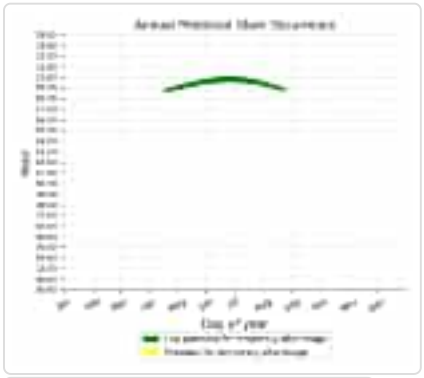


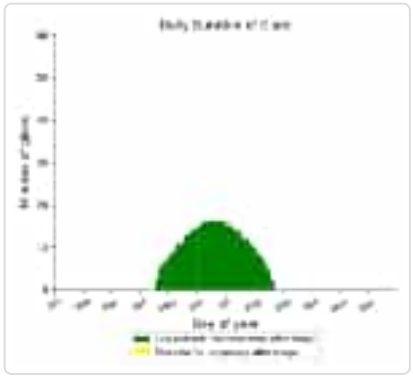


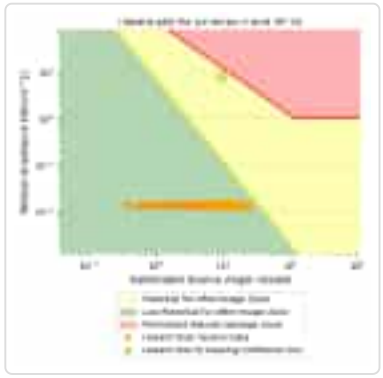
PV array 4: OP 42

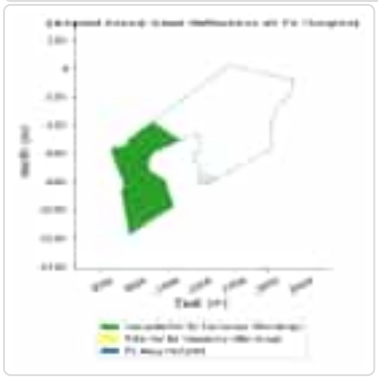
PV array is expected to produce the following glare for this receptor:

- 1,446 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





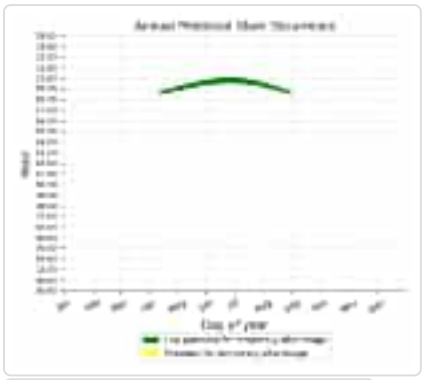


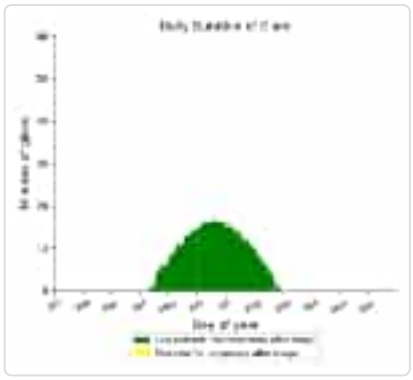


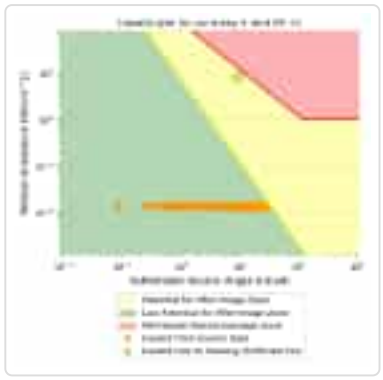
PV array 4: OP 43

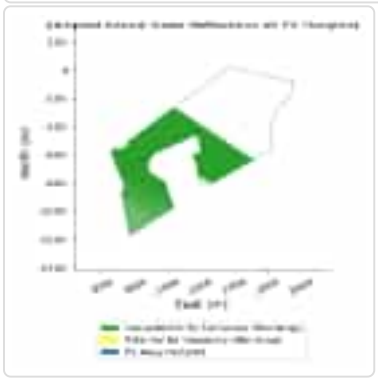
PV array is expected to produce the following glare for this receptor:

- 1,469 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





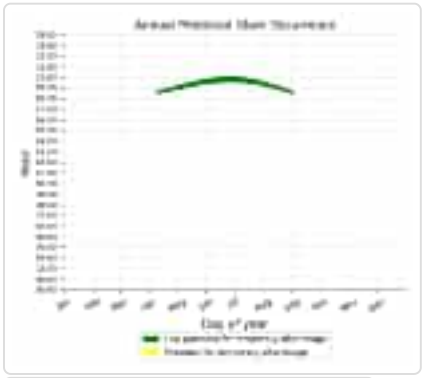


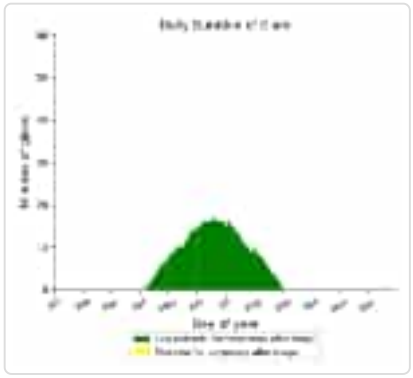


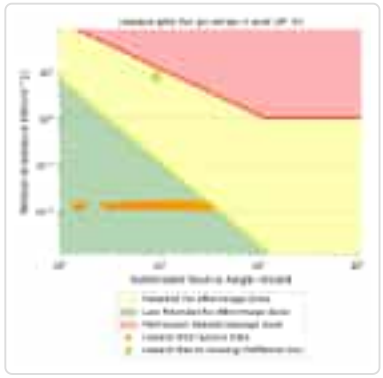
PV array 4: OP 44

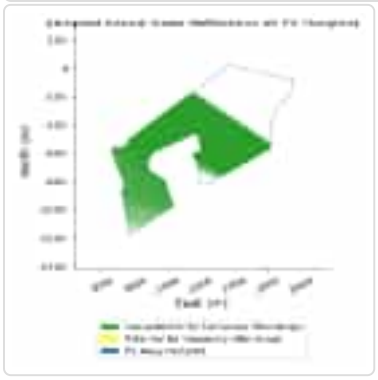
PV array is expected to produce the following glare for this receptor:

- 1,464 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





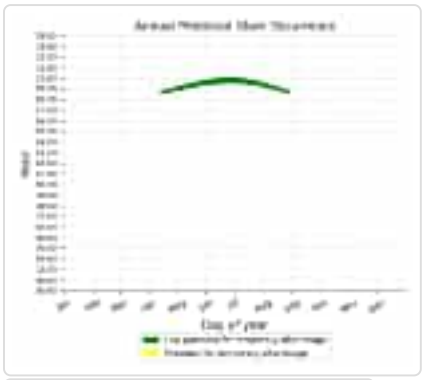


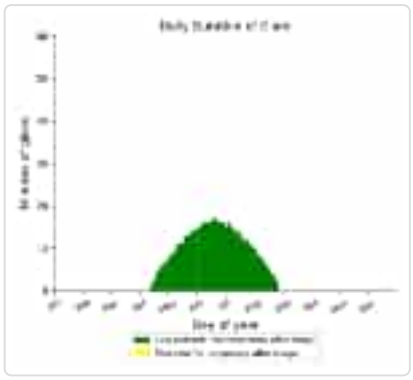


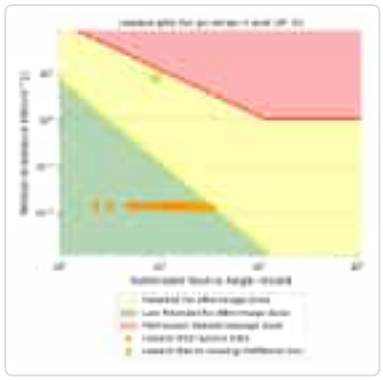
PV array 4: OP 45

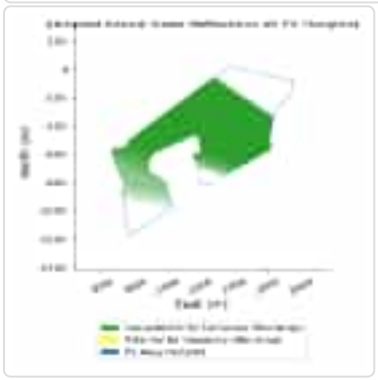
PV array is expected to produce the following glare for this receptor:

- 1,491 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





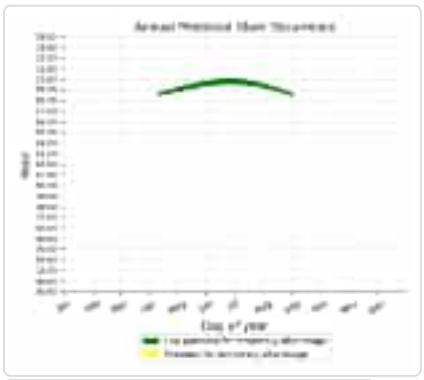


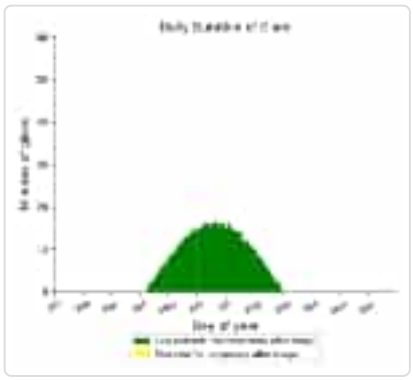


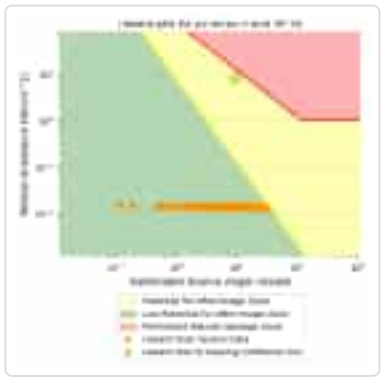
PV array 4: OP 46

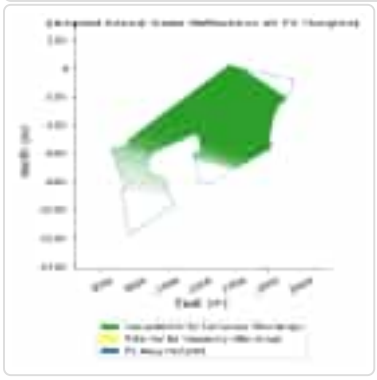
PV array is expected to produce the following glare for this receptor:

- 1,509 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 47

No glare found

PV array 4: OP 48

No glare found

PV array 4: OP 49

No glare found

PV array 4: OP 50

No glare found

PV array 4: OP 51

No glare found

PV array 4: OP 52

No glare found

PV array 4: OP 53

No glare found

PV array 4: OP 54

No glare found

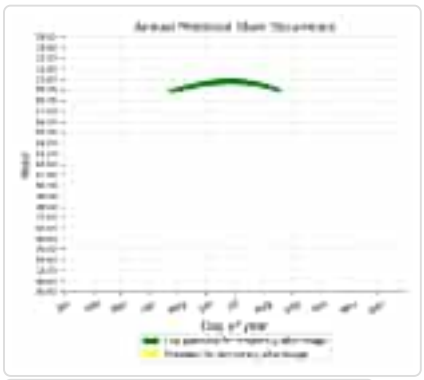
PV array 4: OP 55

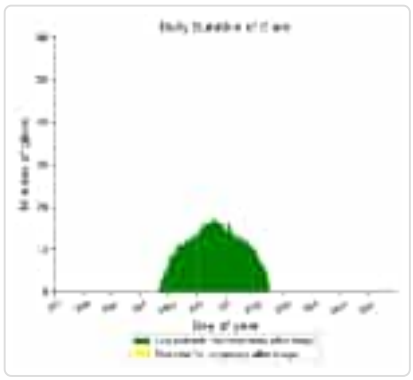
No glare found

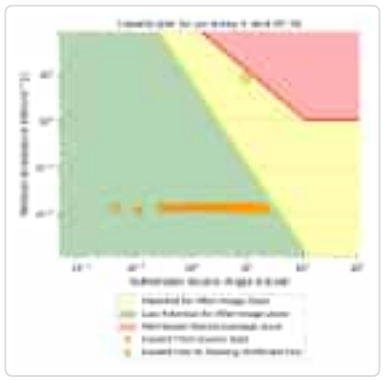
PV array 4: OP 56

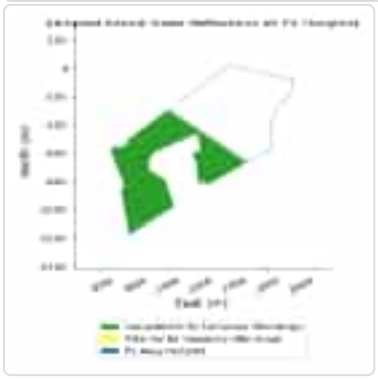
PV array is expected to produce the following glare for this receptor:

- 1,354 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





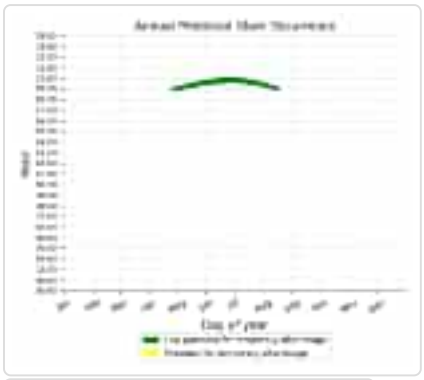


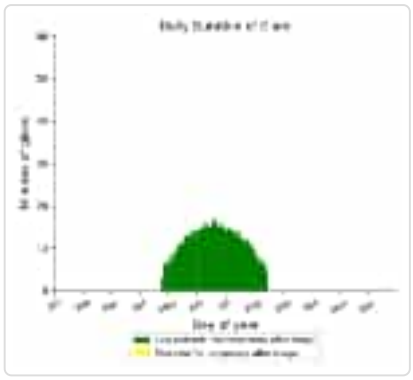


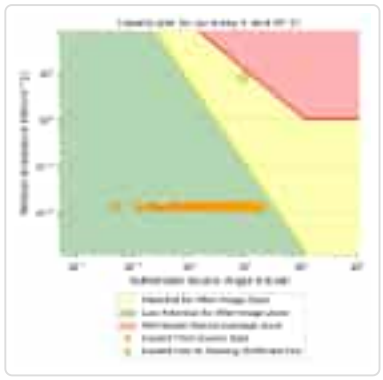
PV array 4: OP 57

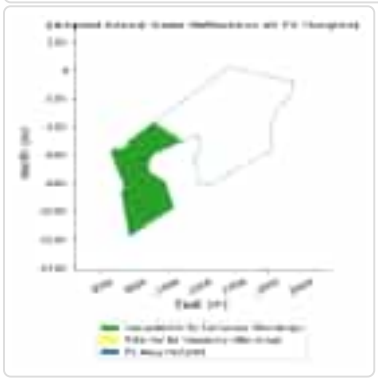
PV array is expected to produce the following glare for this receptor:

- 1,347 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





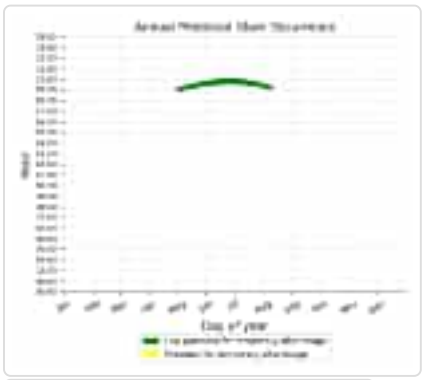


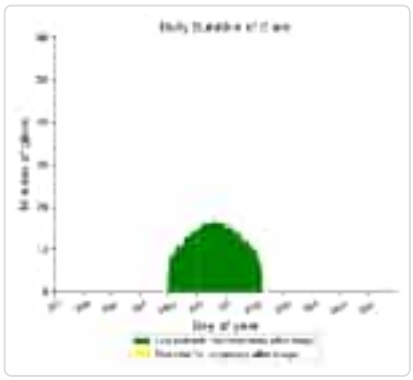


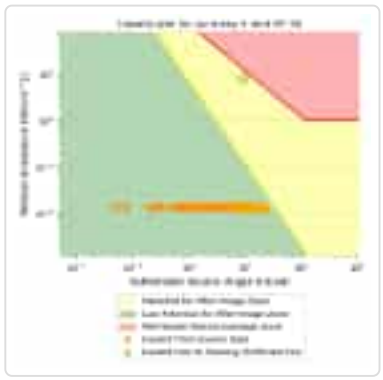
PV array 4: OP 58

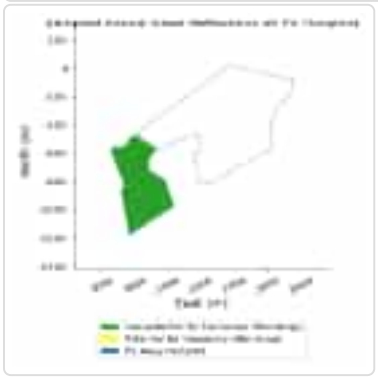
PV array is expected to produce the following glare for this receptor:

- 1,309 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





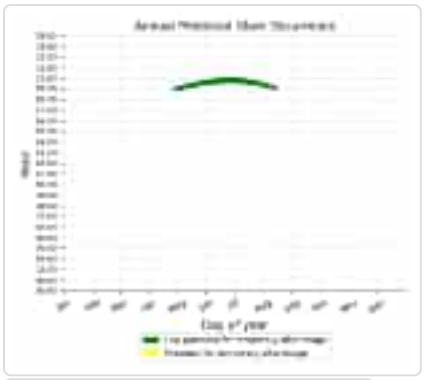


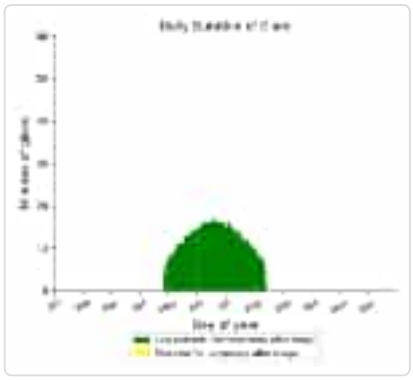


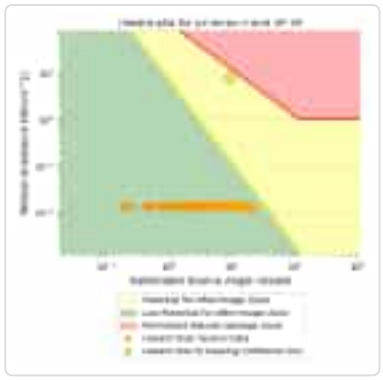
PV array 4: OP 59

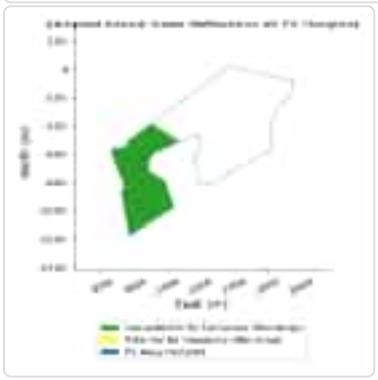
PV array is expected to produce the following glare for this receptor:

- 1,374 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





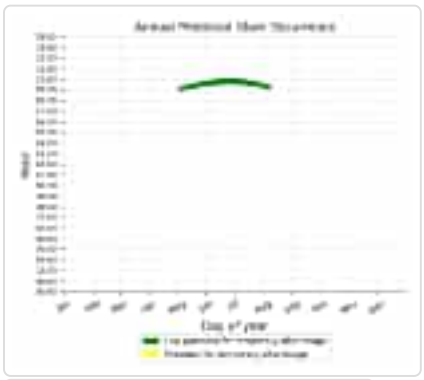


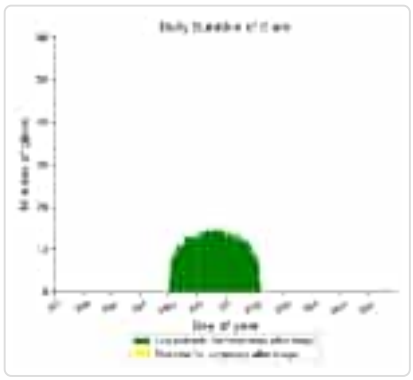


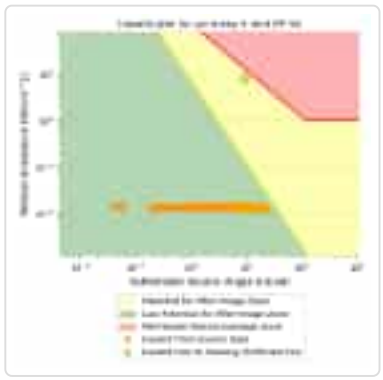
PV array 4: OP 60

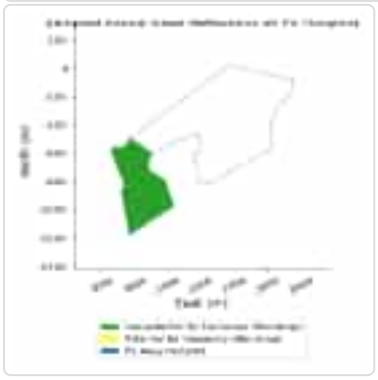
PV array is expected to produce the following glare for this receptor:

- 1,187 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





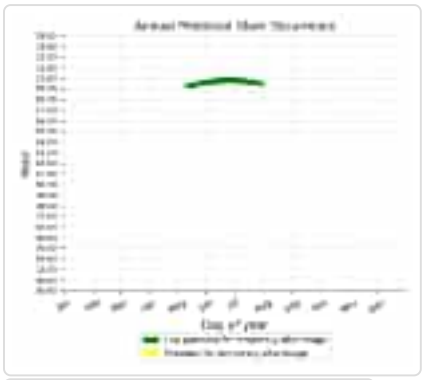


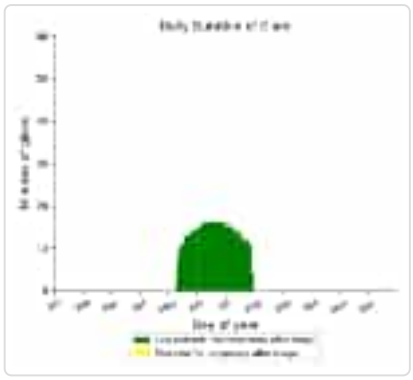


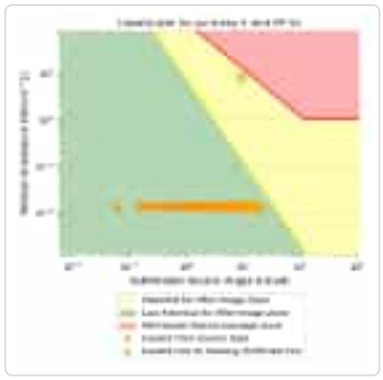
PV array 4: OP 61

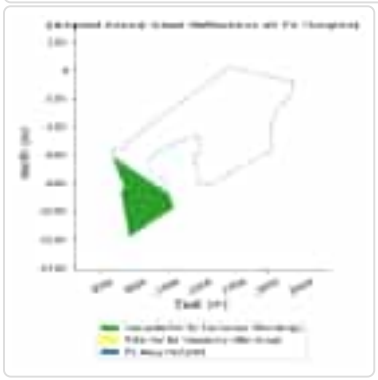
PV array is expected to produce the following glare for this receptor:

- 1,133 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





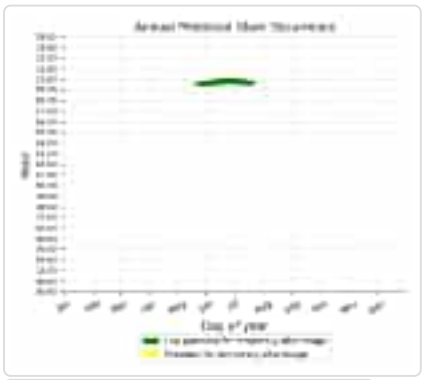


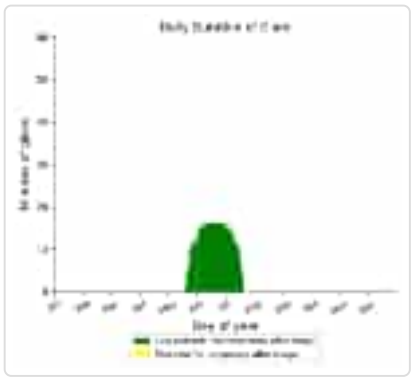


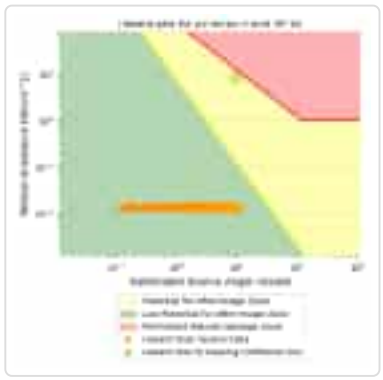
PV array 4: OP 62

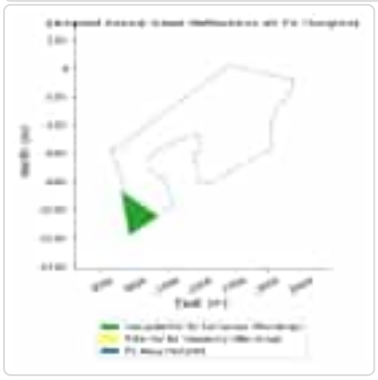
PV array is expected to produce the following glare for this receptor:

- 823 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





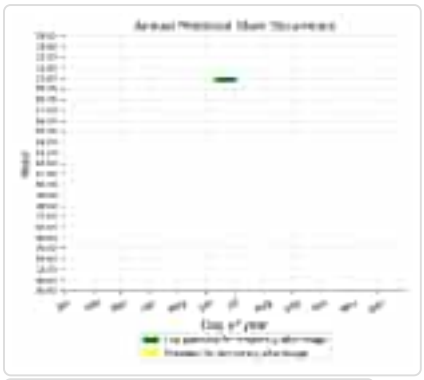


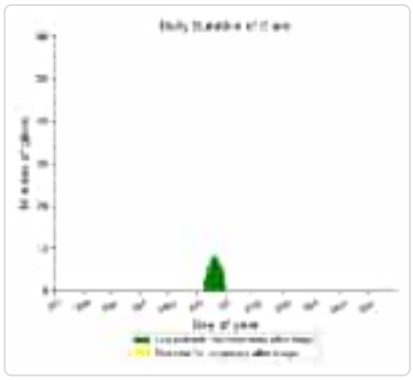


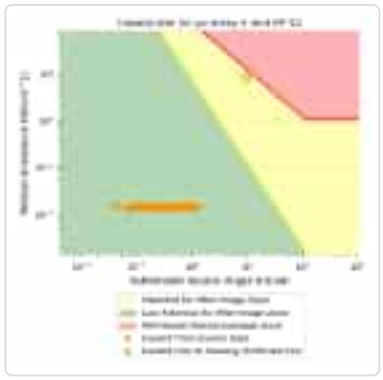
PV array 4: OP 63

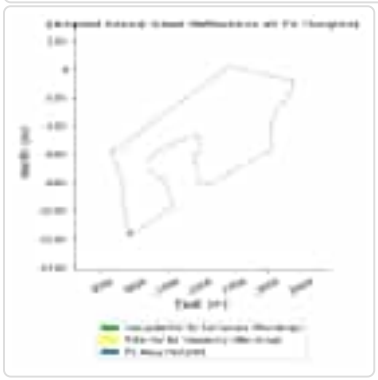
PV array is expected to produce the following glare for this receptor:

- 137 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 64

No glare found

PV array 4: OP 65

No glare found

PV array 4: OP 66

No glare found

PV array 4: OP 67

No glare found

PV array 4: OP 68

No glare found

PV array 4: OP 69

No glare found

PV array 4: OP 70

No glare found

PV array 4: OP 71

No glare found

PV array 4: OP 72

No glare found

PV array 4: OP 73

No glare found

PV array 5 potential temporary after-image

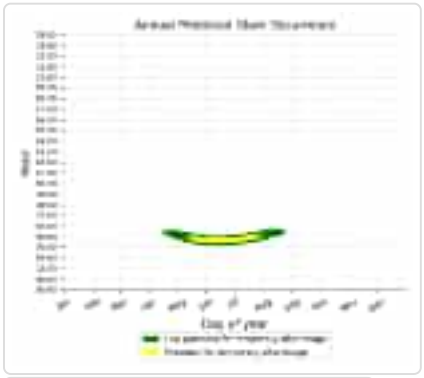
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	3696	1013
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0

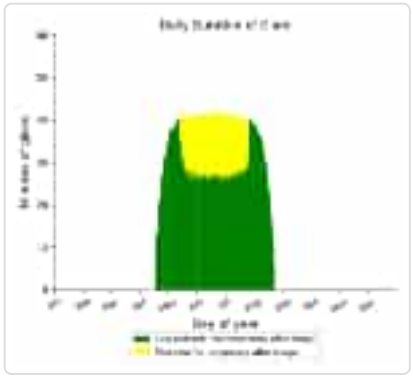
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	2814	1574
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0

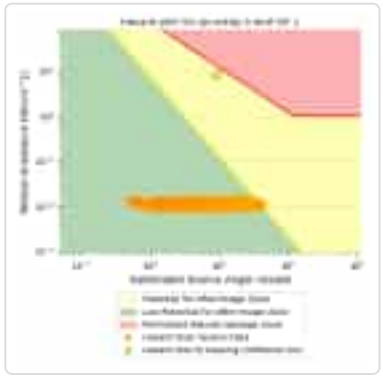
PV array 5: OP 1

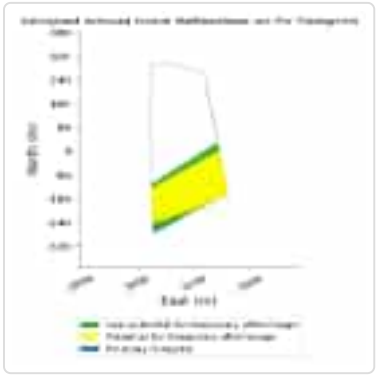
PV array is expected to produce the following glare for this receptor:

- 3,696 minutes of "green" glare with low potential to cause temporary after-image.
- 1,013 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 2

No glare found

PV array 5: OP 3

No glare found

PV array 5: OP 4

No glare found

PV array 5: OP 5

No glare found

PV array 5: OP 6

No glare found

PV array 5: OP 7

No glare found

PV array 5: OP 8

No glare found

PV array 5: OP 9

No glare found

PV array 5: OP 10

No glare found

PV array 5: OP 11

No glare found

PV array 5: OP 12

No glare found

PV array 5: OP 13

No glare found

PV array 5: OP 14

No glare found

PV array 5: OP 15

No glare found

PV array 5: OP 16

No glare found

PV array 5: OP 17

No glare found

PV array 5: OP 18

No glare found

PV array 5: OP 19

No glare found

PV array 5: OP 20

No glare found

PV array 5: OP 21

No glare found

PV array 5: OP 22

No glare found

PV array 5: OP 23

No glare found

PV array 5: OP 24

No glare found

PV array 5: OP 25

No glare found

PV array 5: OP 26

No glare found

PV array 5: OP 27

No glare found

PV array 5: OP 28

No glare found

PV array 5: OP 29

No glare found

PV array 5: OP 30

No glare found

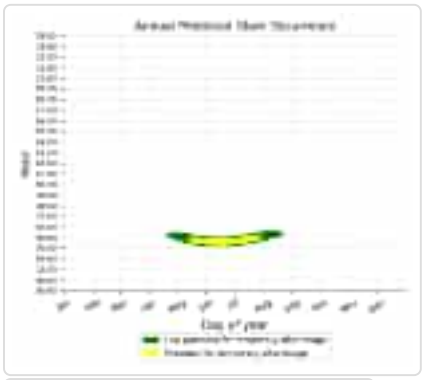
PV array 5: OP 31

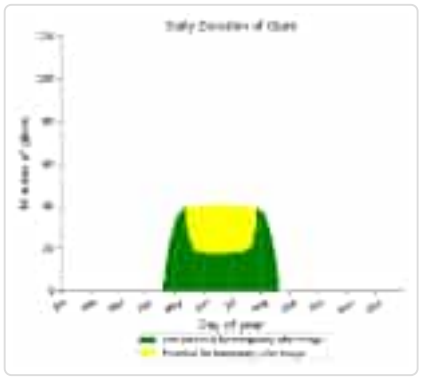
No glare found

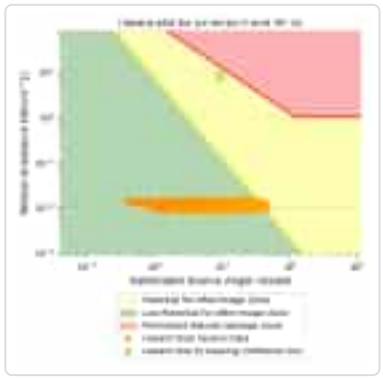
PV array 5: OP 32

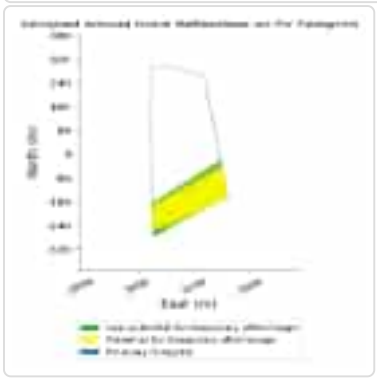
PV array is expected to produce the following glare for this receptor:

- 2,814 minutes of "green" glare with low potential to cause temporary after-image.
- 1,574 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 33

No glare found

PV array 5: OP 34

No glare found

PV array 5: OP 35

No glare found

PV array 5: OP 36

No glare found

PV array 5: OP 37

No glare found

PV array 5: OP 38

No glare found

PV array 5: OP 39

No glare found

PV array 5: OP 40

No glare found

PV array 5: OP 41

No glare found

PV array 5: OP 42

No glare found

PV array 5: OP 43

No glare found

PV array 5: OP 44

No glare found

PV array 5: OP 45

No glare found

PV array 5: OP 46

No glare found

PV array 5: OP 47

No glare found

PV array 5: OP 48

No glare found

PV array 5: OP 49

No glare found

PV array 5: OP 50

No glare found

PV array 5: OP 51

No glare found

PV array 5: OP 52

No glare found

PV array 5: OP 53

No glare found

PV array 5: OP 54

No glare found

PV array 5: OP 55

No glare found

PV array 5: OP 56

No glare found

PV array 5: OP 57

No glare found

PV array 5: OP 58

No glare found

PV array 5: OP 59

No glare found

PV array 5: OP 60

No glare found

PV array 5: OP 61

No glare found

PV array 5: OP 62

No glare found

PV array 5: OP 63

No glare found

PV array 5: OP 64

No glare found

PV array 5: OP 65

No glare found

PV array 5: OP 66

No glare found

PV array 5: OP 67

No glare found

PV array 5: OP 68

No glare found

PV array 5: OP 69

No glare found

PV array 5: OP 70

No glare found

PV array 5: OP 71

No glare found

PV array 5: OP 72

No glare found

PV array 5: OP 73

No glare found

PV array 6 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	1412	0
OP: OP 3	775	652
OP: OP 4	799	655
OP: OP 5	797	708
OP: OP 6	1020	0
OP: OP 7	312	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	24	0
OP: OP 27	891	0
OP: OP 28	1192	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	213	0
OP: OP 32	0	0
OP: OP 33	1072	0

OP: OP 34	1330	0
OP: OP 35	1227	0
OP: OP 36	1224	0
OP: OP 37	1111	0
OP: OP 38	685	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	539	0
OP: OP 42	1329	0
OP: OP 43	1420	0
OP: OP 44	1404	0
OP: OP 45	858	0
OP: OP 46	228	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	1198	0
OP: OP 57	1209	0
OP: OP 58	990	0
OP: OP 59	1190	0
OP: OP 60	682	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0

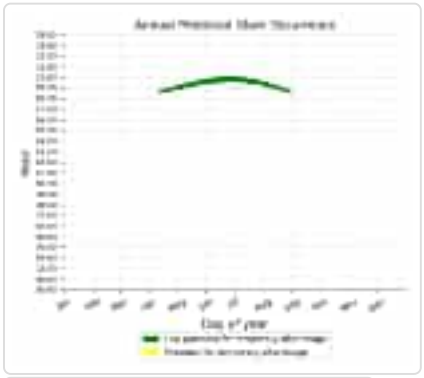
PV array 6: OP 1

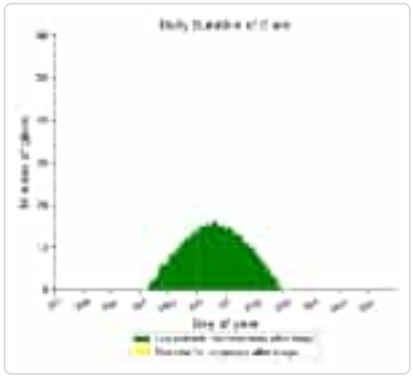
No glare found

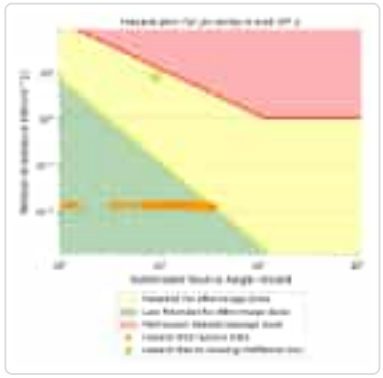
PV array 6: OP 2

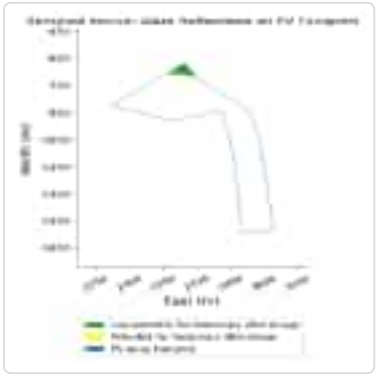
PV array is expected to produce the following glare for this receptor:

- 1,412 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





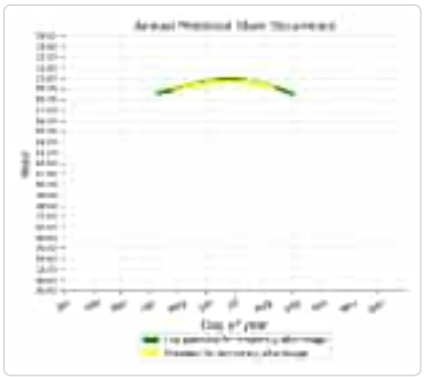


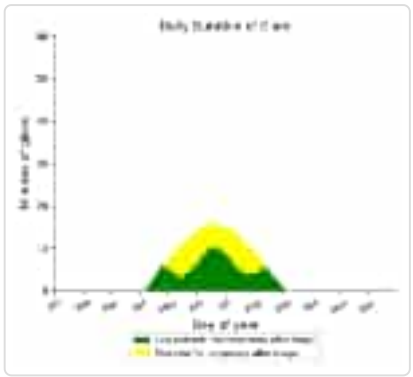


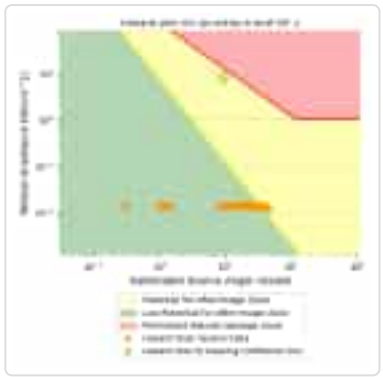
PV array 6: OP 3

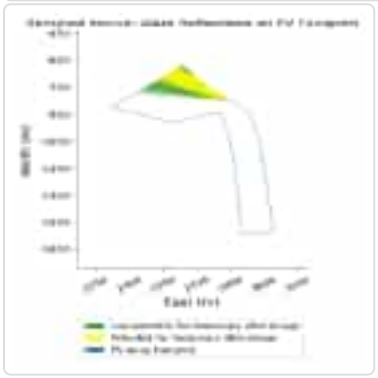
PV array is expected to produce the following glare for this receptor:

- 775 minutes of "green" glare with low potential to cause temporary after-image.
- 652 minutes of "yellow" glare with potential to cause temporary after-image.





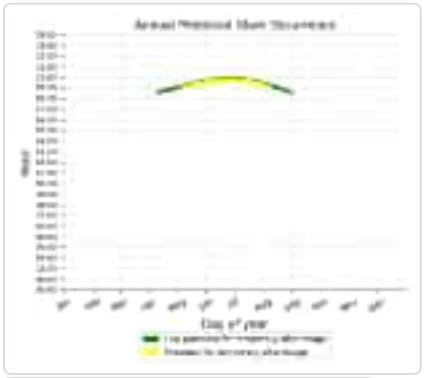


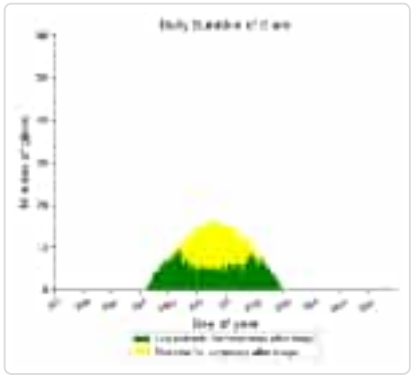


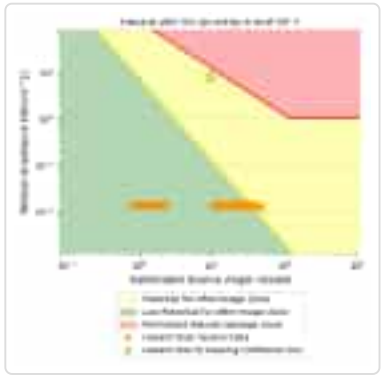
PV array 6: OP 4

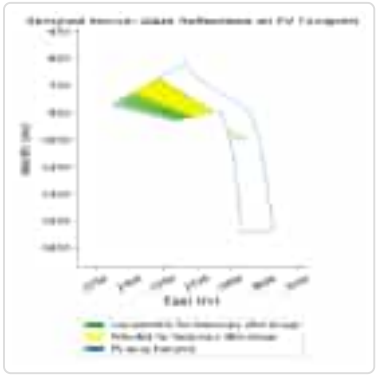
PV array is expected to produce the following glare for this receptor:

- 799 minutes of "green" glare with low potential to cause temporary after-image.
- 655 minutes of "yellow" glare with potential to cause temporary after-image.





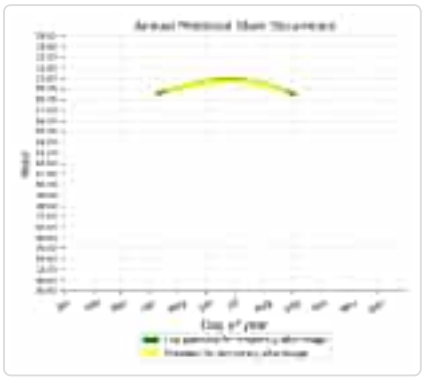


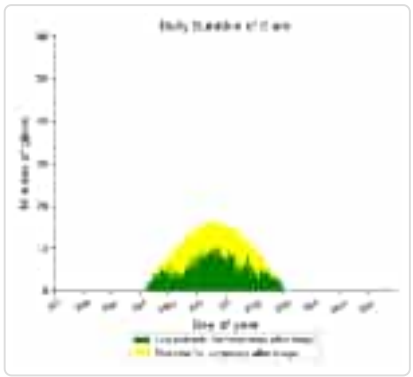


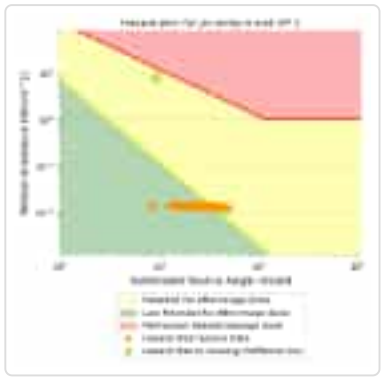
PV array 6: OP 5

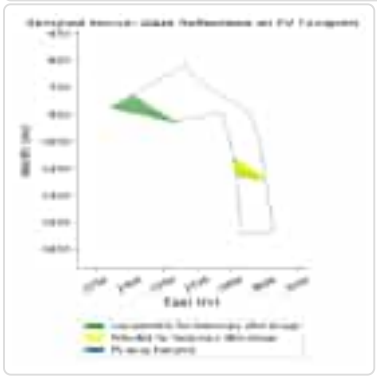
PV array is expected to produce the following glare for this receptor:

- 797 minutes of "green" glare with low potential to cause temporary after-image.
- 708 minutes of "yellow" glare with potential to cause temporary after-image.





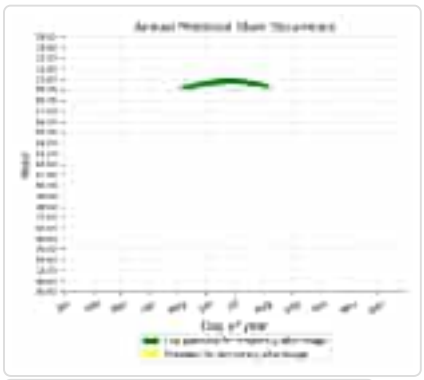


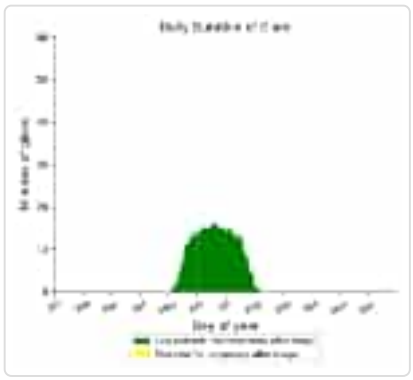


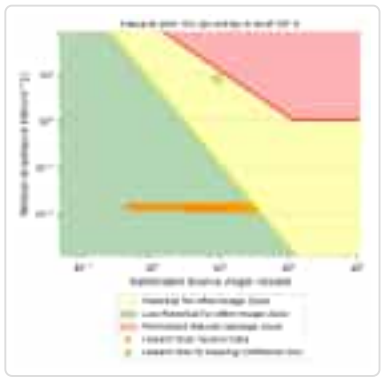
PV array 6: OP 6

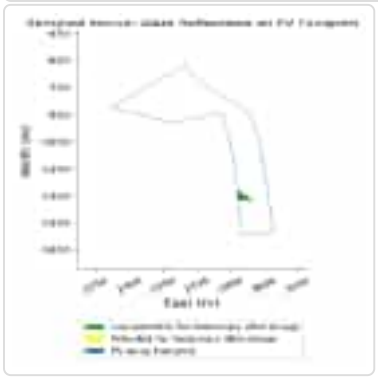
PV array is expected to produce the following glare for this receptor:

- 1,020 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





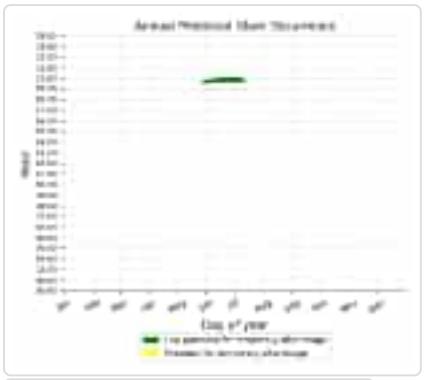


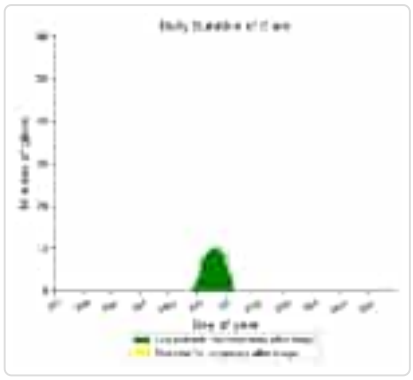


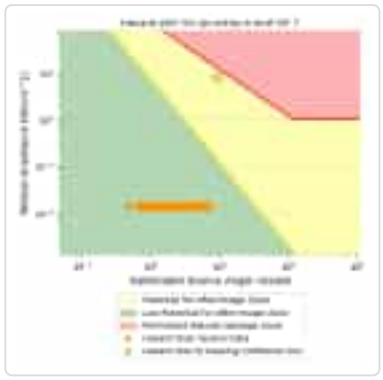
PV array 6: OP 7

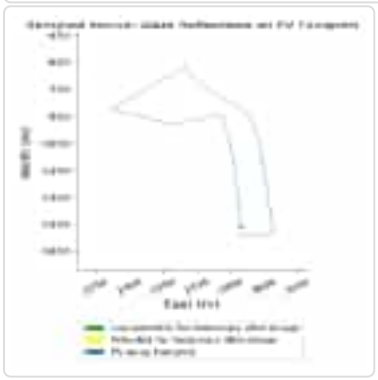
PV array is expected to produce the following glare for this receptor:

- 312 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 8

No glare found

PV array 6: OP 9

No glare found

PV array 6: OP 10

No glare found

PV array 6: OP 11

No glare found

PV array 6: OP 12

No glare found

PV array 6: OP 13

No glare found

PV array 6: OP 14

No glare found

PV array 6: OP 15

No glare found

PV array 6: OP 16

No glare found

PV array 6: OP 17

No glare found

PV array 6: OP 18

No glare found

PV array 6: OP 19

No glare found

PV array 6: OP 20

No glare found

PV array 6: OP 21

No glare found

PV array 6: OP 22

No glare found

PV array 6: OP 23

No glare found

PV array 6: OP 24

No glare found

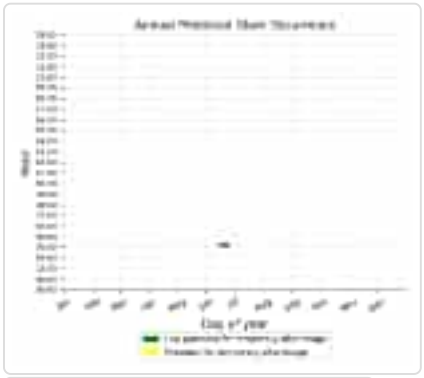
PV array 6: OP 25

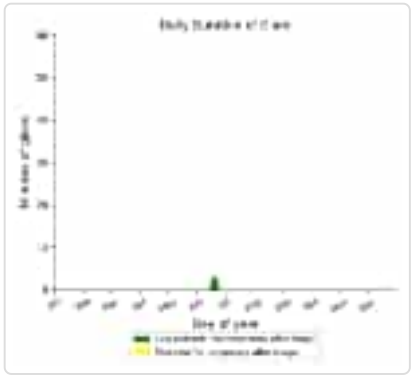
No glare found

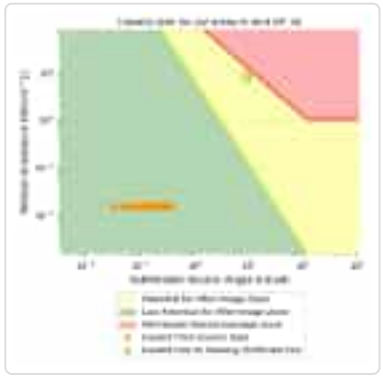
PV array 6: OP 26

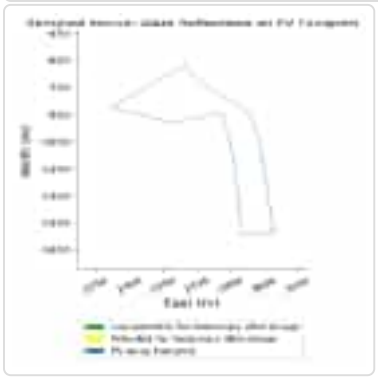
PV array is expected to produce the following glare for this receptor:

- 24 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





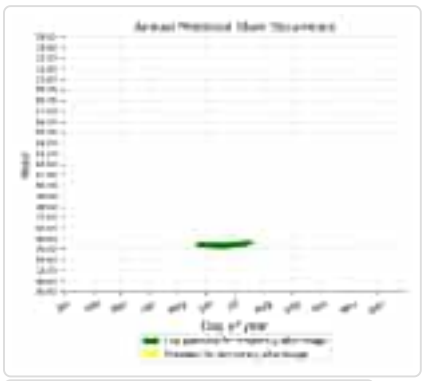


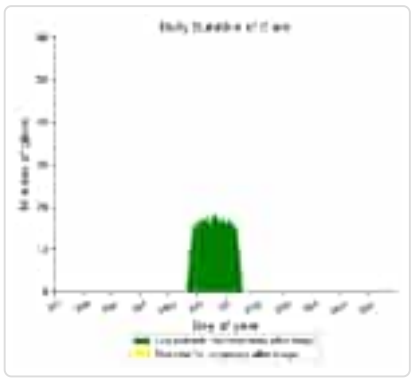


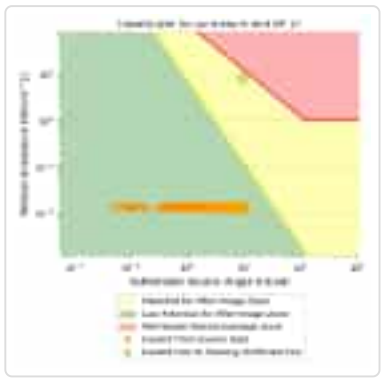
PV array 6: OP 27

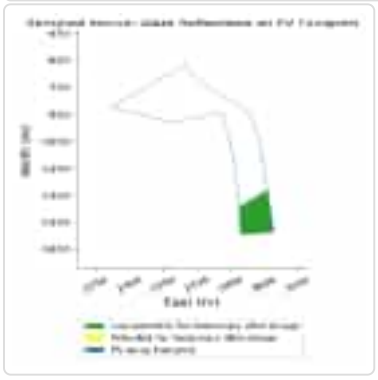
PV array is expected to produce the following glare for this receptor:

- 891 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





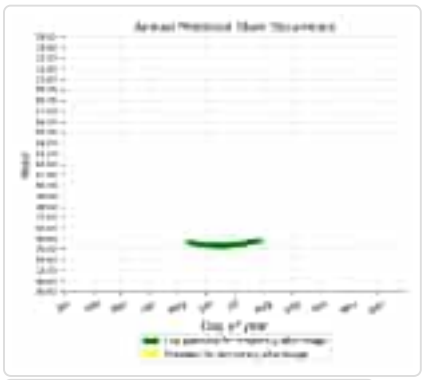


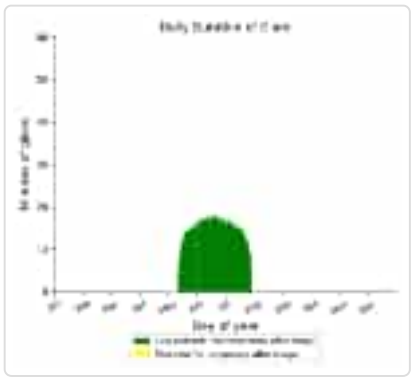


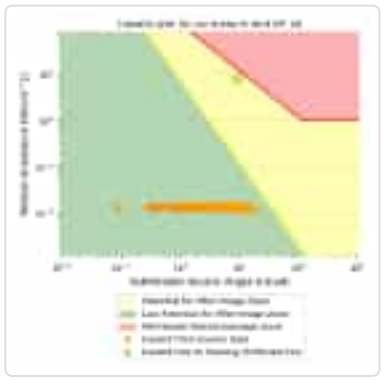
PV array 6: OP 28

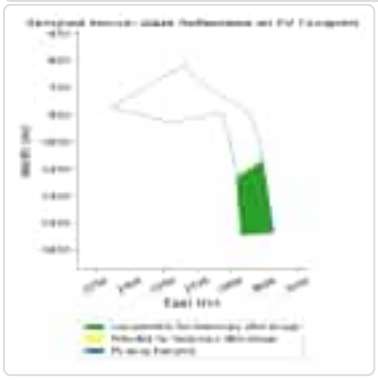
PV array is expected to produce the following glare for this receptor:

- 1,192 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 29

No glare found

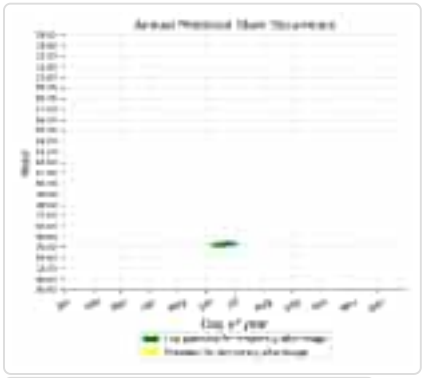
PV array 6: OP 30

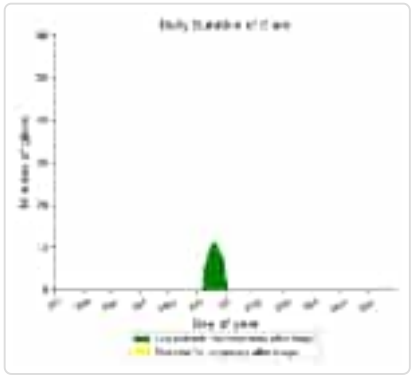
No glare found

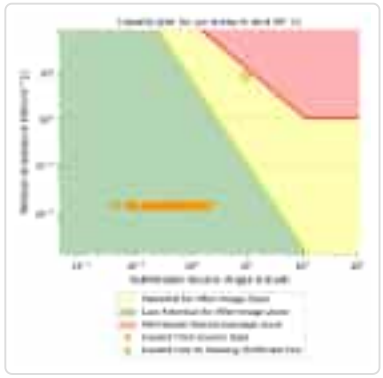
PV array 6: OP 31

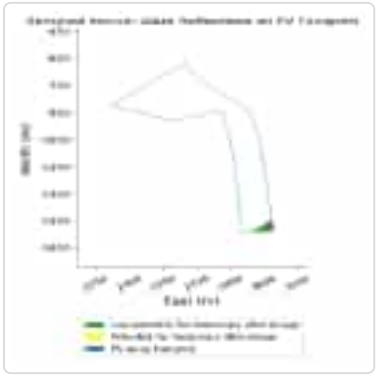
PV array is expected to produce the following glare for this receptor:

- 213 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









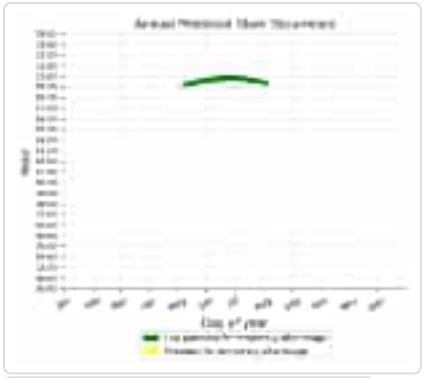
PV array 6: OP 32

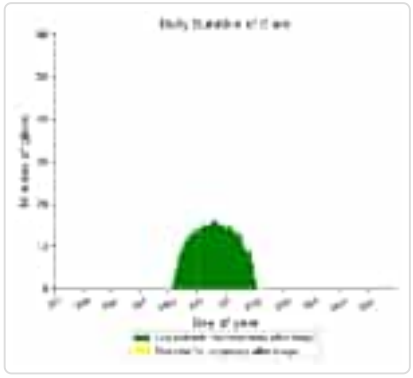
No glare found

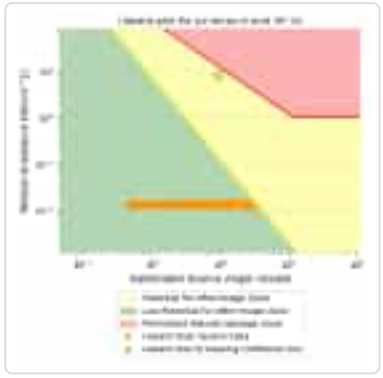
PV array 6: OP 33

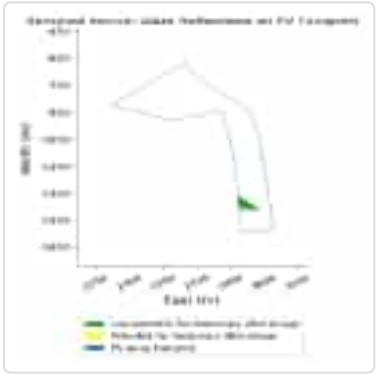
PV array is expected to produce the following glare for this receptor:

- 1,072 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





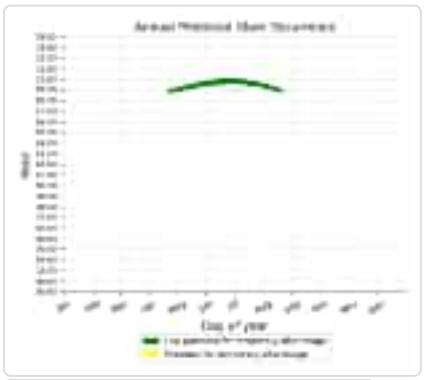


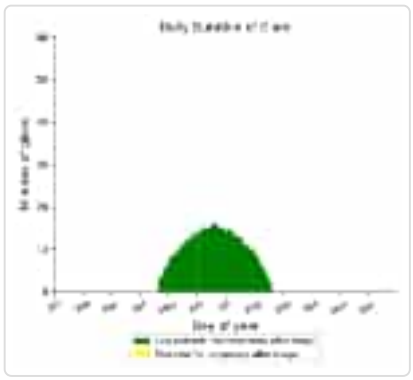


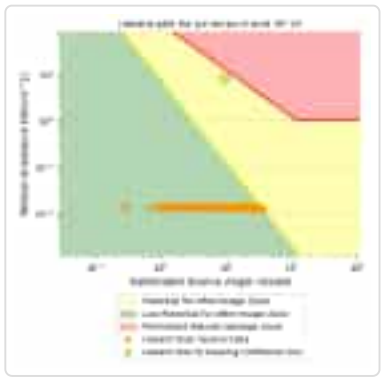
PV array 6: OP 34

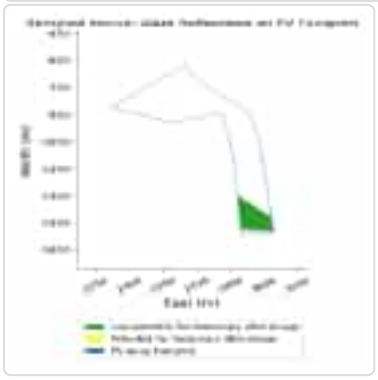
PV array is expected to produce the following glare for this receptor:

- 1,330 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





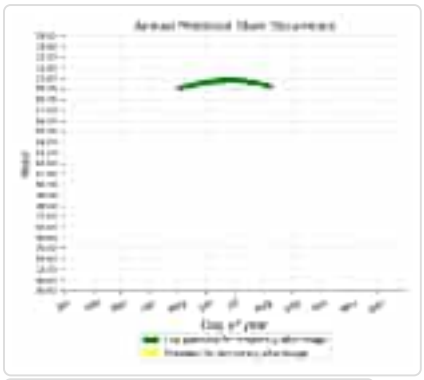


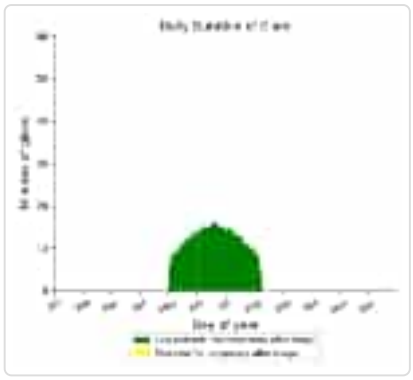


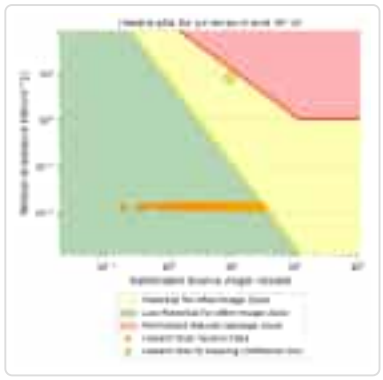
PV array 6: OP 35

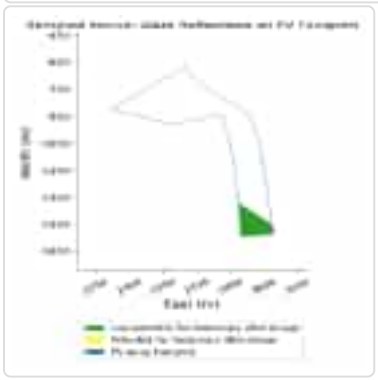
PV array is expected to produce the following glare for this receptor:

- 1,227 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





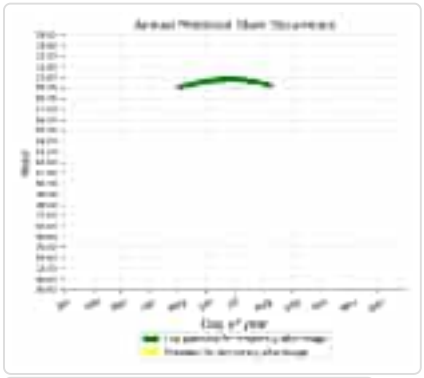


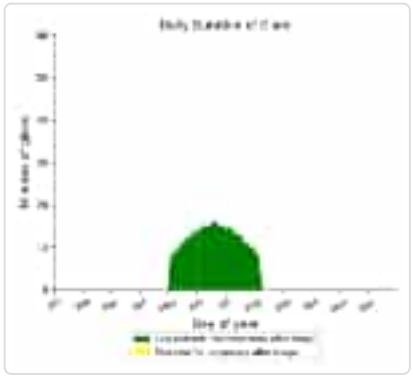


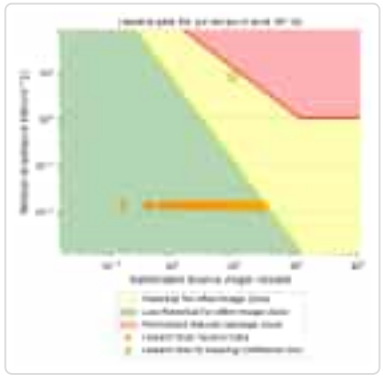
PV array 6: OP 36

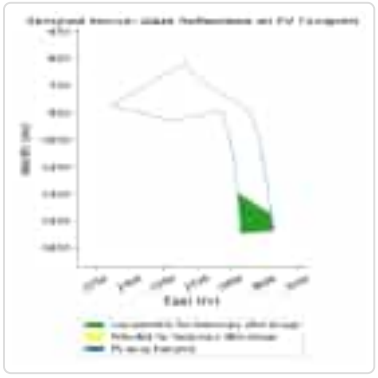
PV array is expected to produce the following glare for this receptor:

- 1,224 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





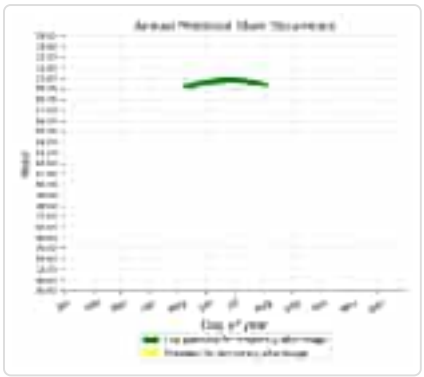


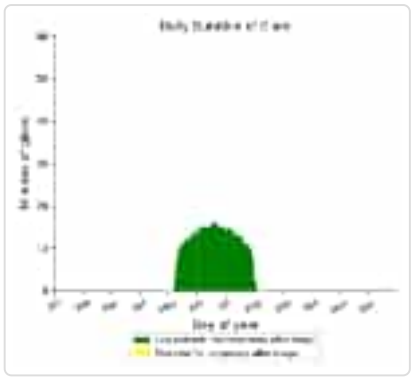


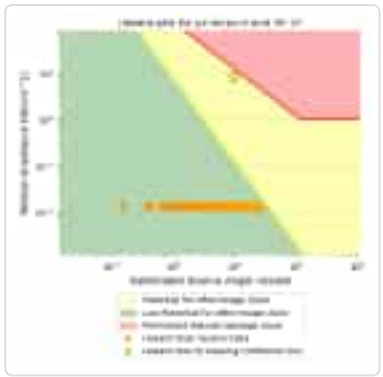
PV array 6: OP 37

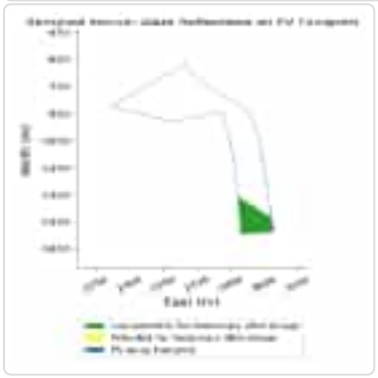
PV array is expected to produce the following glare for this receptor:

- 1,111 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





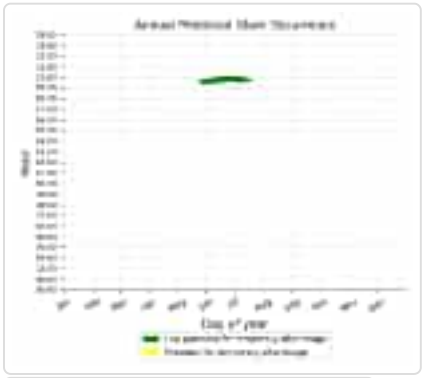


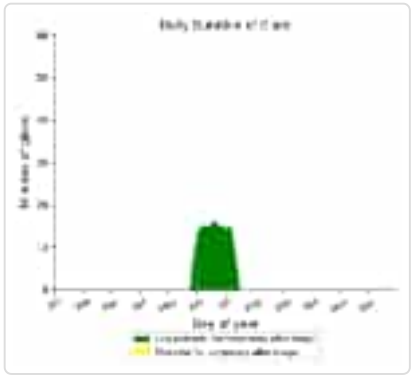


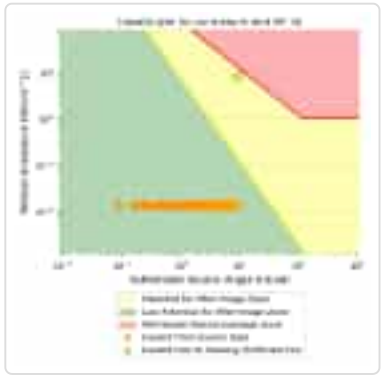
PV array 6: OP 38

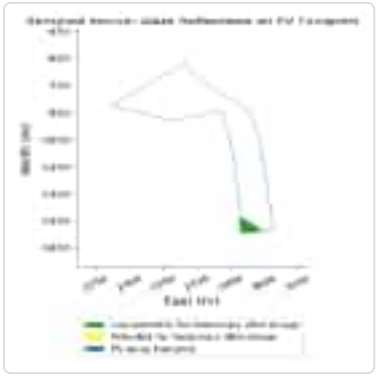
PV array is expected to produce the following glare for this receptor:

- 685 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 39

No glare found

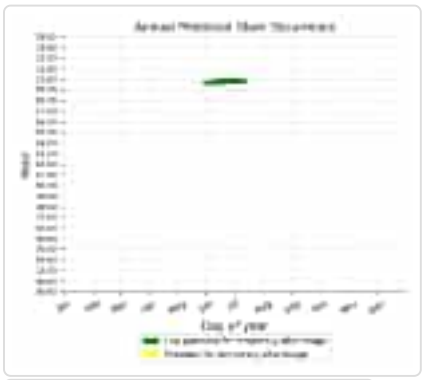
PV array 6: OP 40

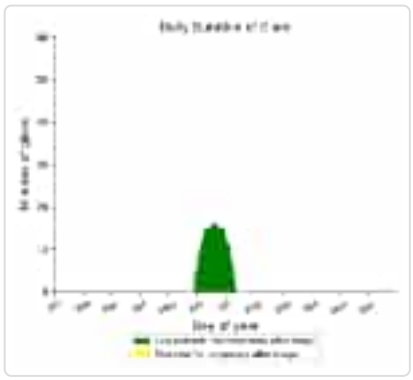
No glare found

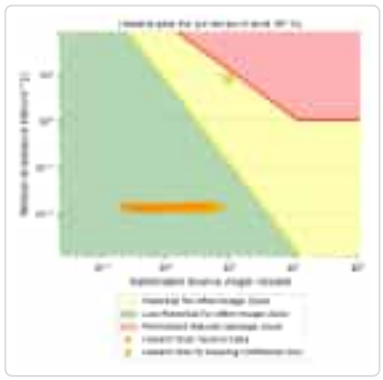
PV array 6: OP 41

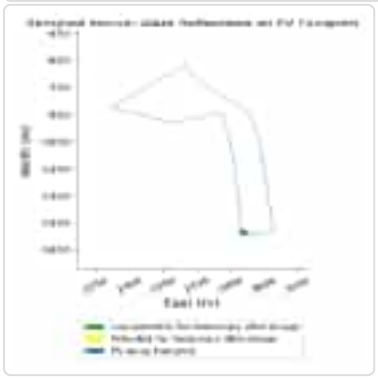
PV array is expected to produce the following glare for this receptor:

- 539 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





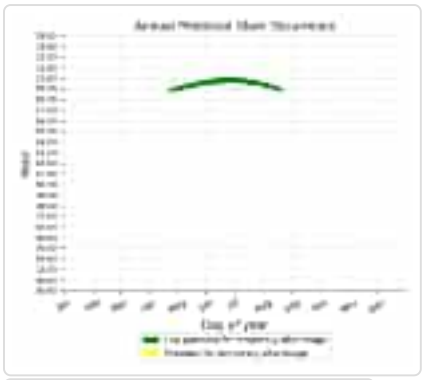


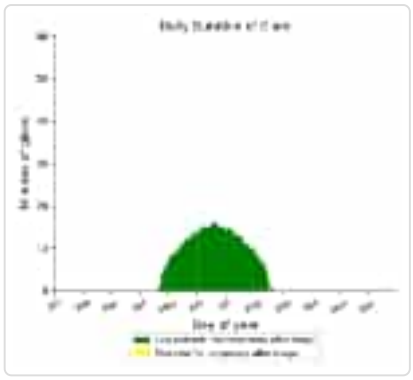


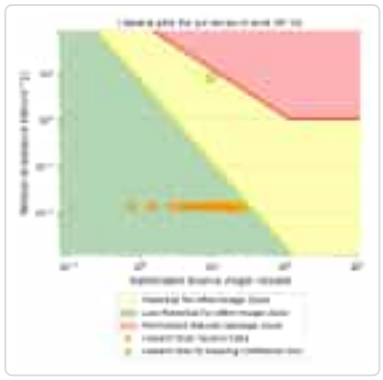
PV array 6: OP 42

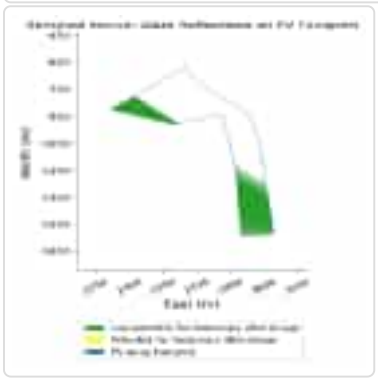
PV array is expected to produce the following glare for this receptor:

- 1,329 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





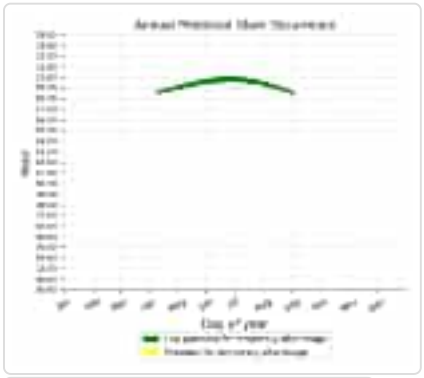


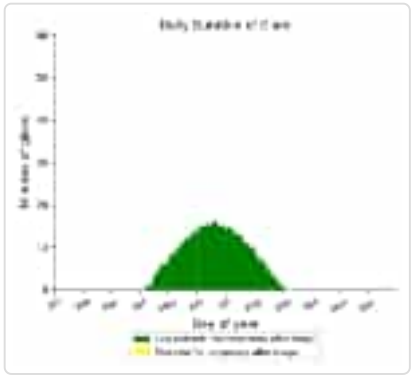


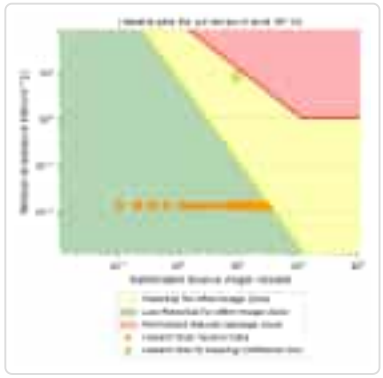
PV array 6: OP 43

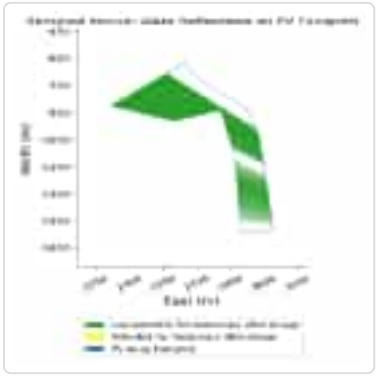
PV array is expected to produce the following glare for this receptor:

- 1,420 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





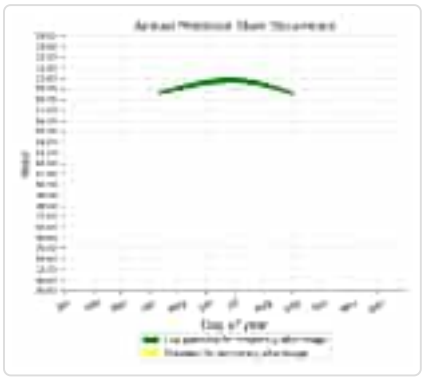


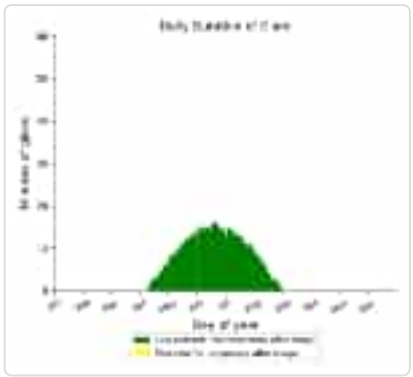


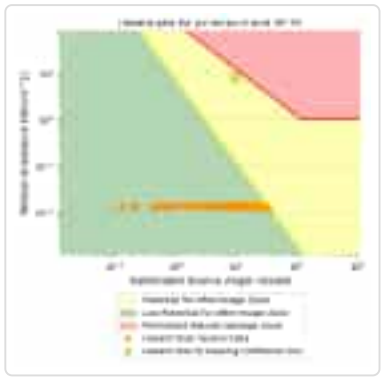
PV array 6: OP 44

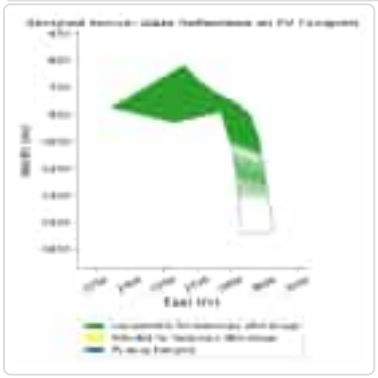
PV array is expected to produce the following glare for this receptor:

- 1,404 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





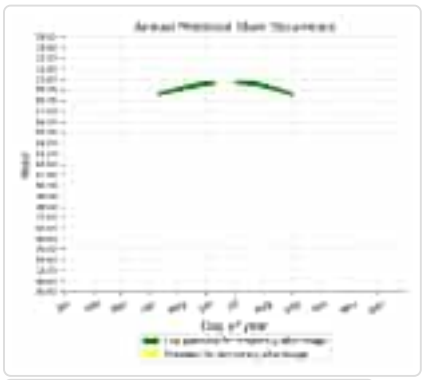


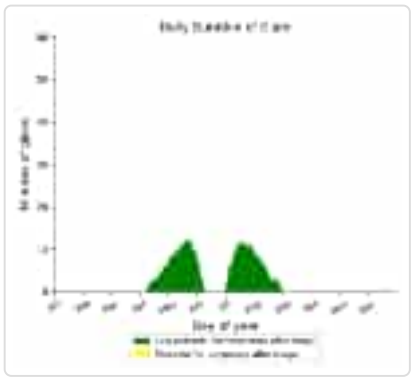


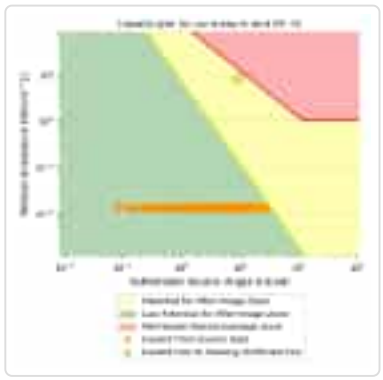
PV array 6: OP 45

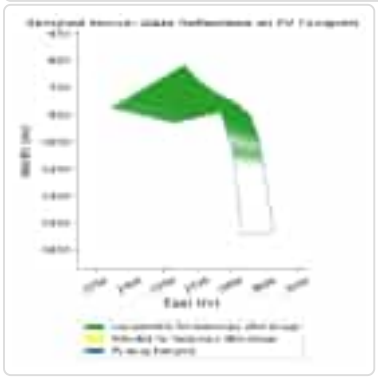
PV array is expected to produce the following glare for this receptor:

- 858 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





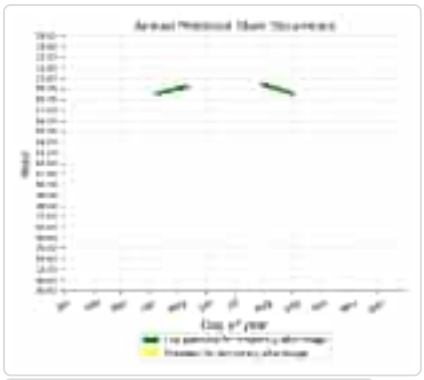


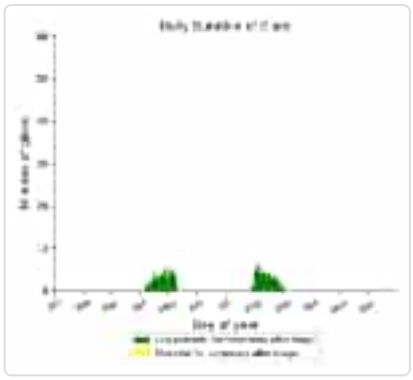


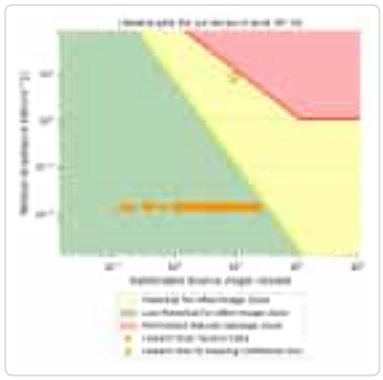
PV array 6: OP 46

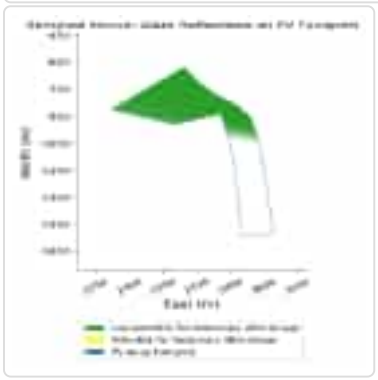
PV array is expected to produce the following glare for this receptor:

- 228 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 47

No glare found

PV array 6: OP 48

No glare found

PV array 6: OP 49

No glare found

PV array 6: OP 50

No glare found

PV array 6: OP 51

No glare found

PV array 6: OP 52

No glare found

PV array 6: OP 53

No glare found

PV array 6: OP 54

No glare found

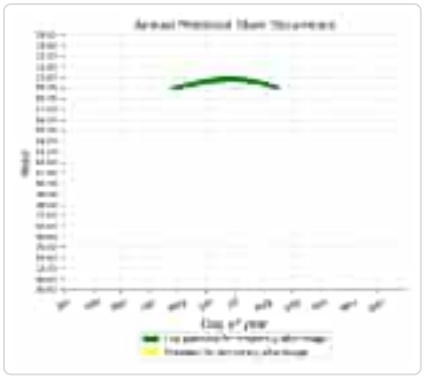
PV array 6: OP 55

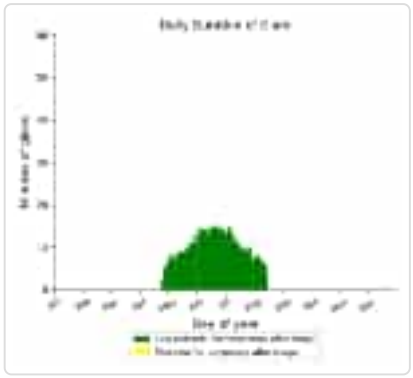
No glare found

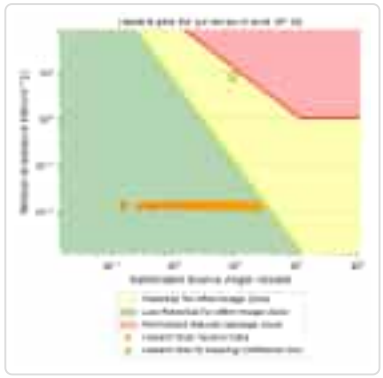
PV array 6: OP 56

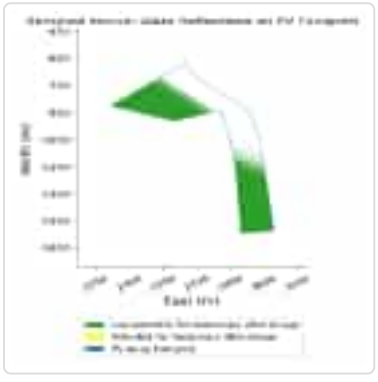
PV array is expected to produce the following glare for this receptor:

- 1,198 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





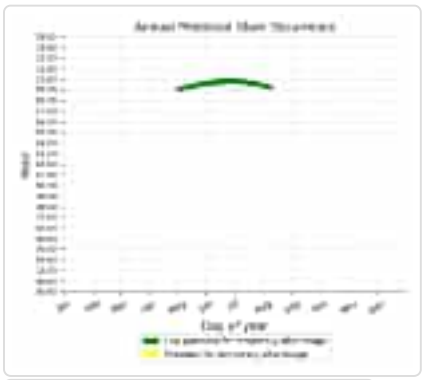


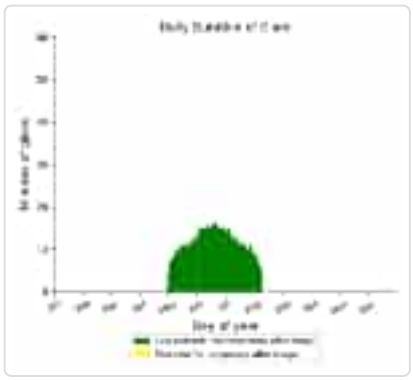


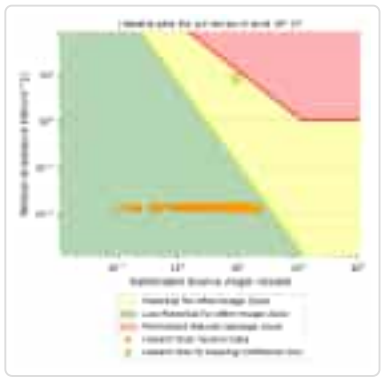
PV array 6: OP 57

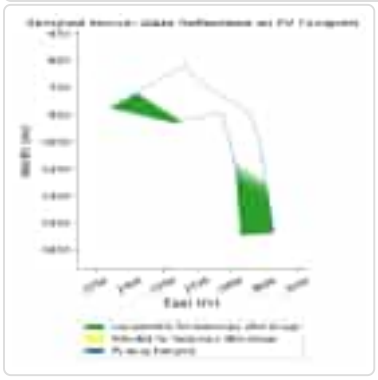
PV array is expected to produce the following glare for this receptor:

- 1,209 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





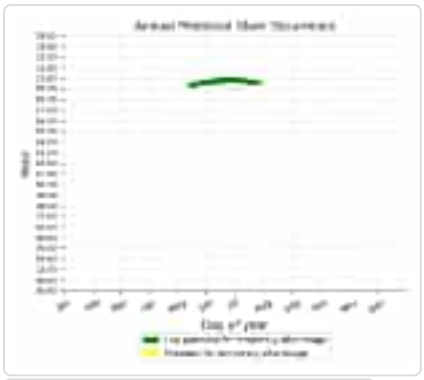


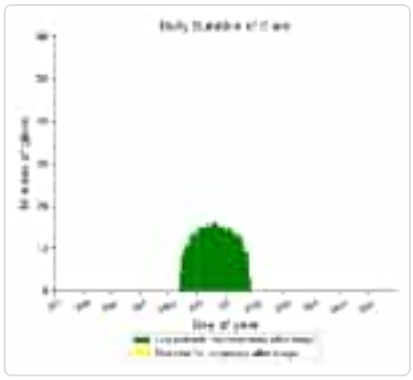


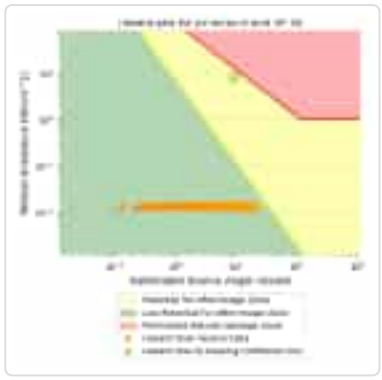
PV array 6: OP 58

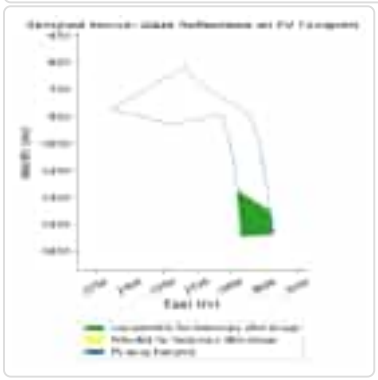
PV array is expected to produce the following glare for this receptor:

- 990 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





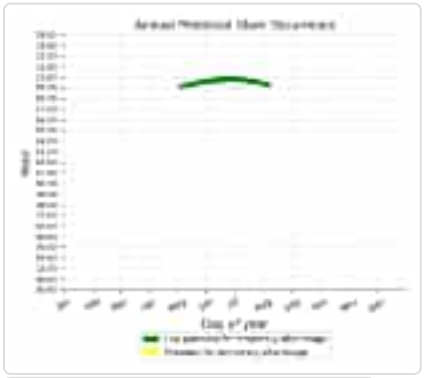


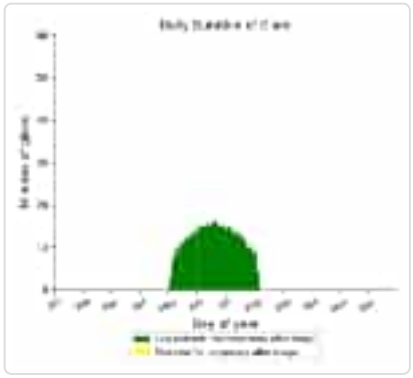


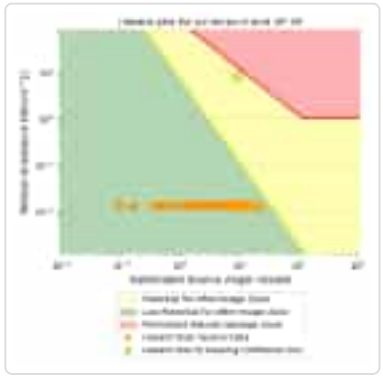
PV array 6: OP 59

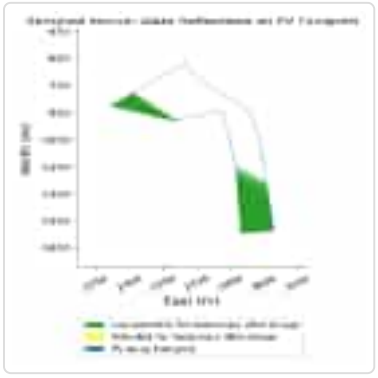
PV array is expected to produce the following glare for this receptor:

- 1,190 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





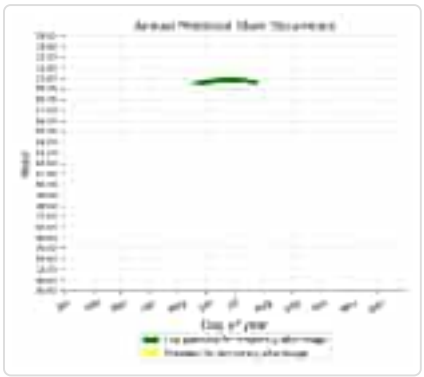


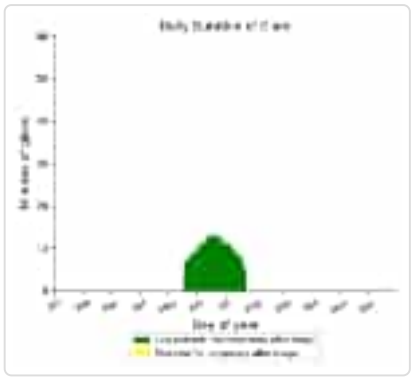


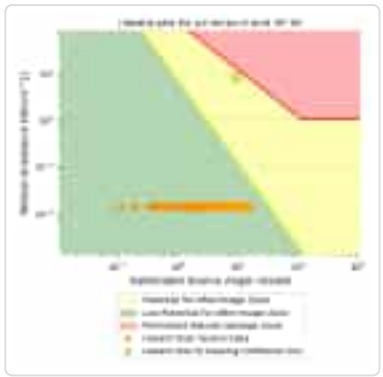
PV array 6: OP 60

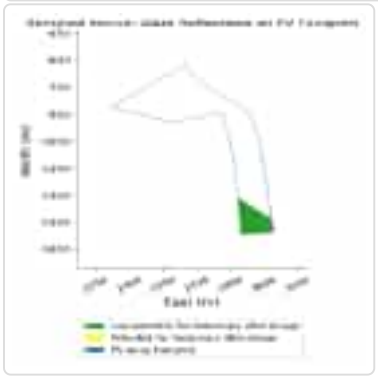
PV array is expected to produce the following glare for this receptor:

- 682 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 61

No glare found

PV array 6: OP 62
No glare found

PV array 6: OP 63
No glare found

PV array 6: OP 64
No glare found

PV array 6: OP 65
No glare found

PV array 6: OP 66
No glare found

PV array 6: OP 67
No glare found

PV array 6: OP 68
No glare found

PV array 6: OP 69
No glare found

PV array 6: OP 70
No glare found

PV array 6: OP 71
No glare found

PV array 6: OP 72
No glare found

PV array 6: OP 73
No glare found

PV array 7 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	74	0
OP: OP 5	1499	0
OP: OP 6	1799	0
OP: OP 7	1523	0
OP: OP 8	2712	0
OP: OP 9	2657	109
OP: OP 10	1821	49

OP: OP 11	623	25
OP: OP 12	2978	8
OP: OP 13	2619	3324
OP: OP 14	1947	3387
OP: OP 15	2595	2103
OP: OP 16	3033	170
OP: OP 17	473	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	366	0
OP: OP 23	1418	47
OP: OP 24	1413	262
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	872	0
OP: OP 28	853	0
OP: OP 29	1976	0
OP: OP 30	1187	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	1979	0
OP: OP 35	2408	0
OP: OP 36	2402	0
OP: OP 37	3347	0
OP: OP 38	3297	0
OP: OP 39	3835	0
OP: OP 40	2489	0
OP: OP 41	2757	0
OP: OP 42	2278	0
OP: OP 43	1353	0
OP: OP 44	757	0
OP: OP 45	0	0
OP: OP 46	134	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	3382	0
OP: OP 57	3634	0
OP: OP 58	3739	0
OP: OP 59	3470	0
OP: OP 60	3673	0
OP: OP 61	3961	0
OP: OP 62	3986	0
OP: OP 63	4379	0
OP: OP 64	4404	0

OP: OP 65	4357	0
OP: OP 66	4246	0
OP: OP 67	3639	0
OP: OP 68	3034	0
OP: OP 69	2216	0
OP: OP 70	1163	0
OP: OP 71	363	0
OP: OP 72	0	0
OP: OP 73	0	0

PV array 7: OP 1

No glare found

PV array 7: OP 2

No glare found

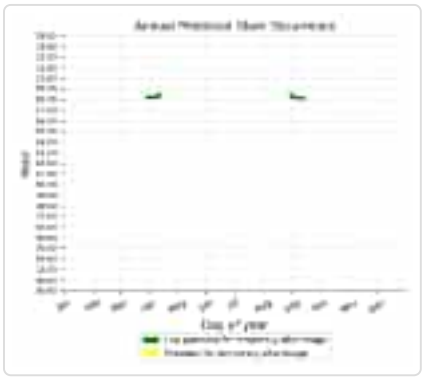
PV array 7: OP 3

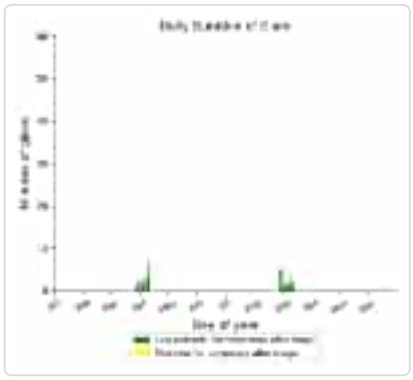
No glare found

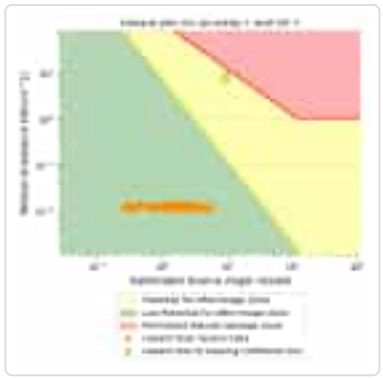
PV array 7: OP 4

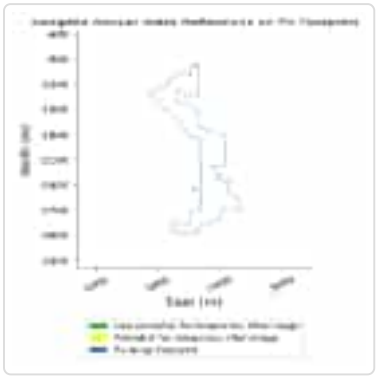
PV array is expected to produce the following glare for this receptor:

- 74 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





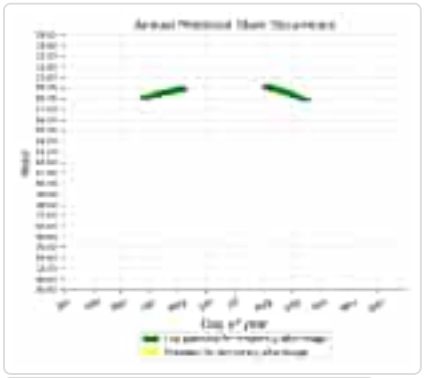


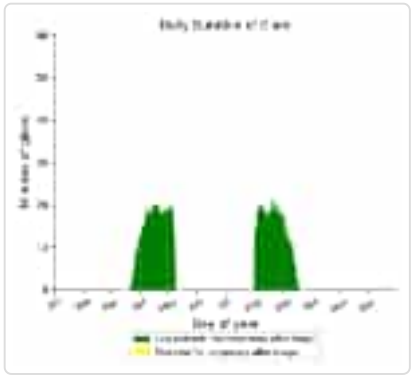


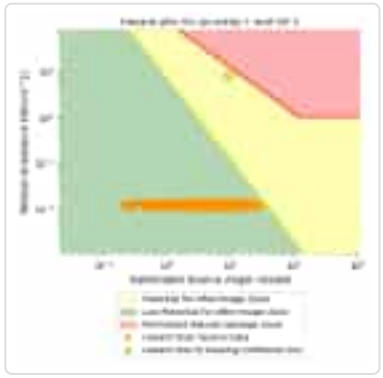
PV array 7: OP 5

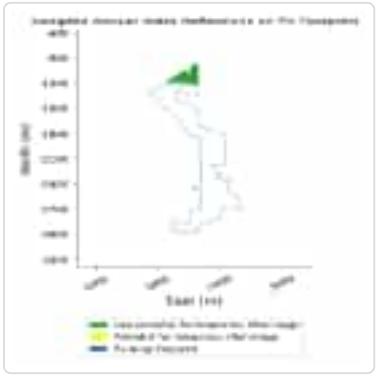
PV array is expected to produce the following glare for this receptor:

- 1,499 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





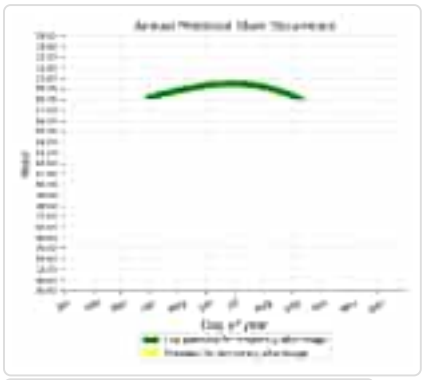


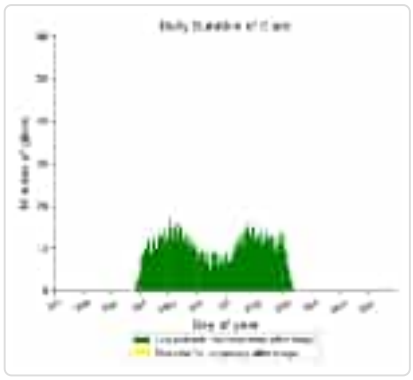


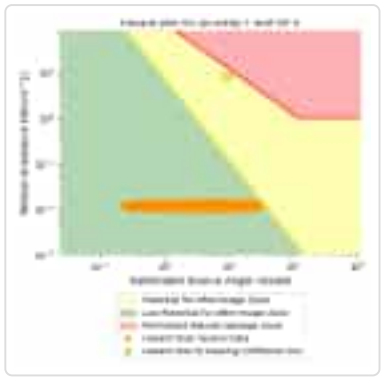
PV array 7: OP 6

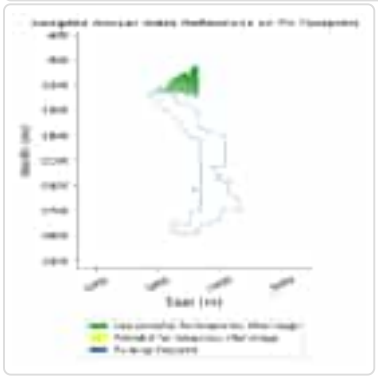
PV array is expected to produce the following glare for this receptor:

- 1,799 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





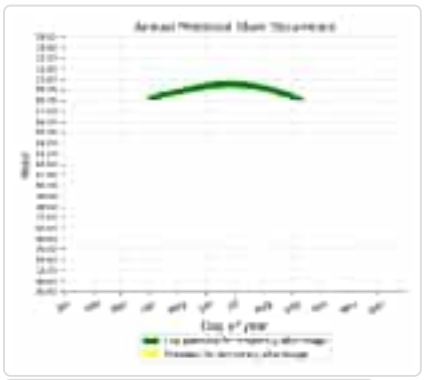


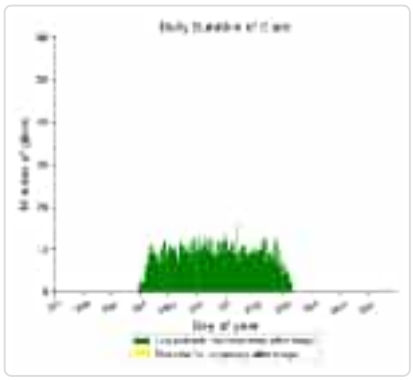


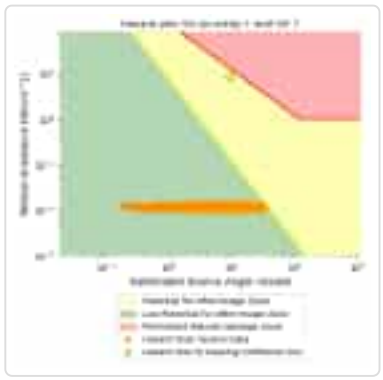
PV array 7: OP 7

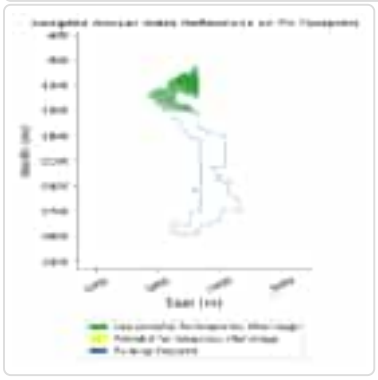
PV array is expected to produce the following glare for this receptor:

- 1,523 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





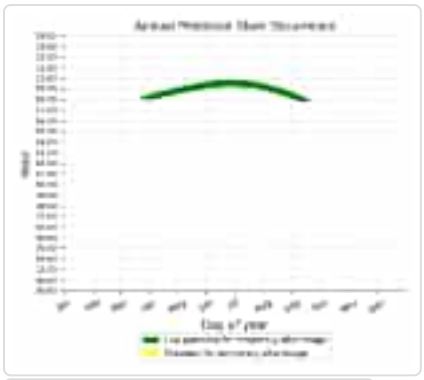


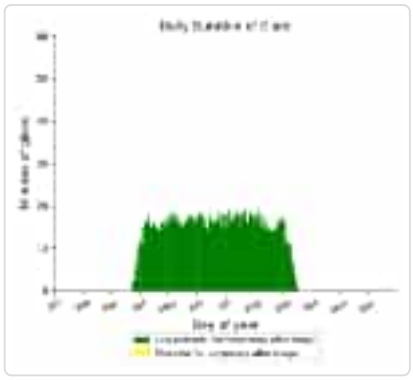


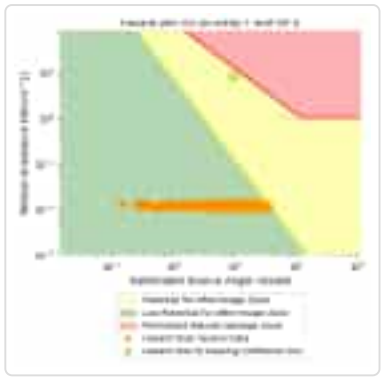
PV array 7: OP 8

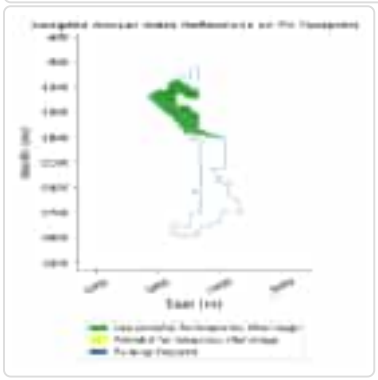
PV array is expected to produce the following glare for this receptor:

- 2,712 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





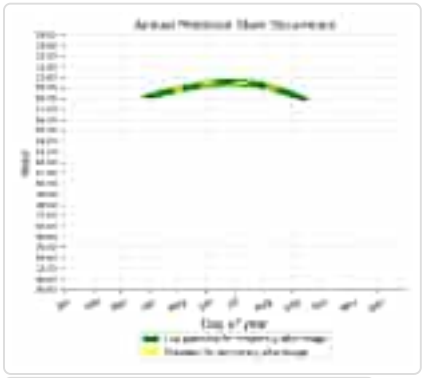


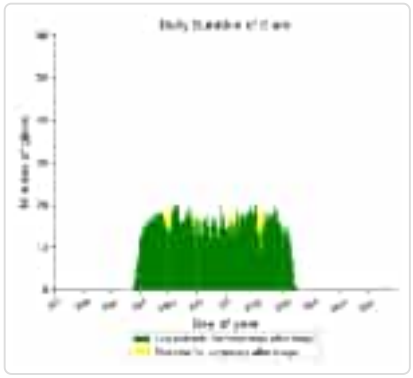


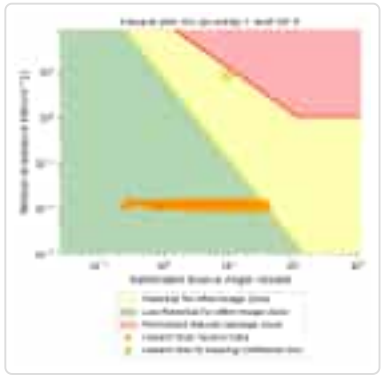
PV array 7: OP 9

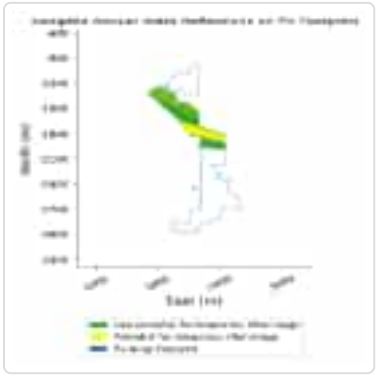
PV array is expected to produce the following glare for this receptor:

- 2,657 minutes of "green" glare with low potential to cause temporary after-image.
- 109 minutes of "yellow" glare with potential to cause temporary after-image.





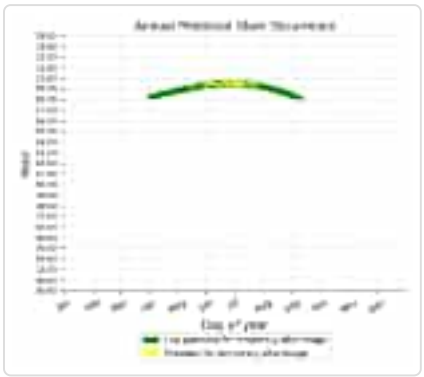


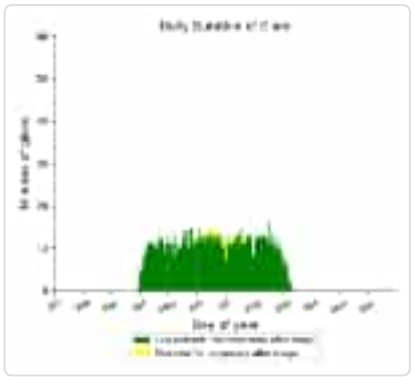


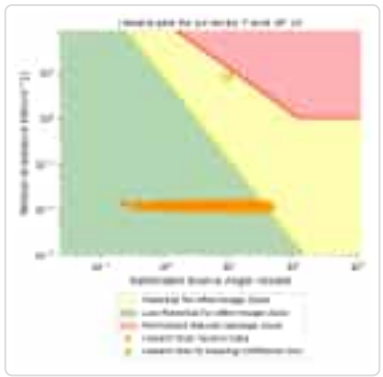
PV array 7: OP 10

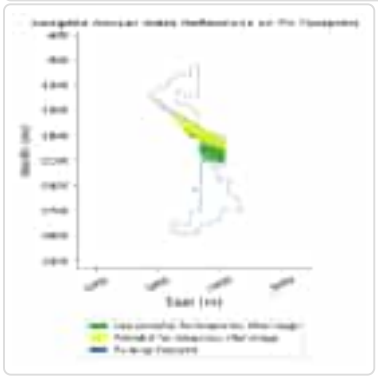
PV array is expected to produce the following glare for this receptor:

- 1,821 minutes of "green" glare with low potential to cause temporary after-image.
- 49 minutes of "yellow" glare with potential to cause temporary after-image.





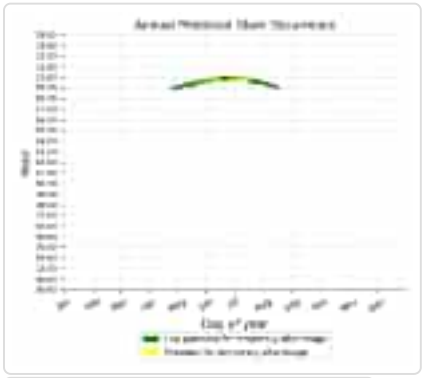


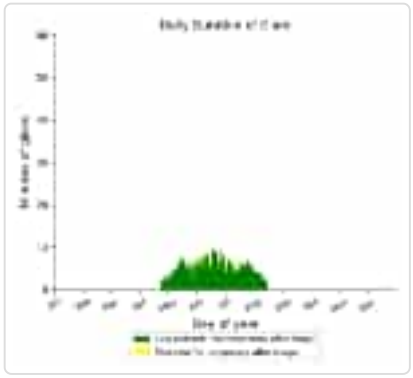


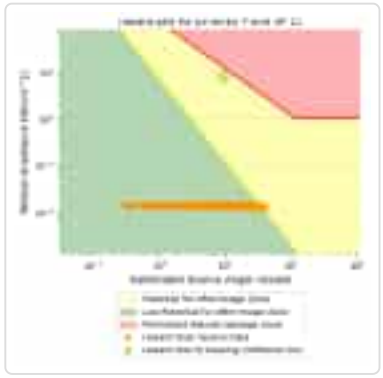
PV array 7: OP 11

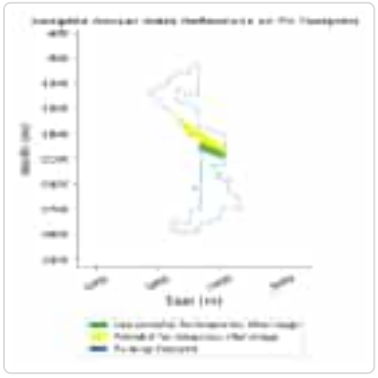
PV array is expected to produce the following glare for this receptor:

- 623 minutes of "green" glare with low potential to cause temporary after-image.
- 25 minutes of "yellow" glare with potential to cause temporary after-image.





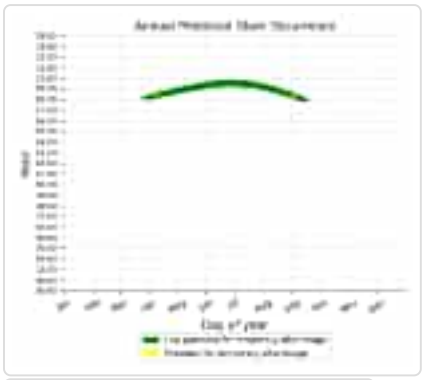


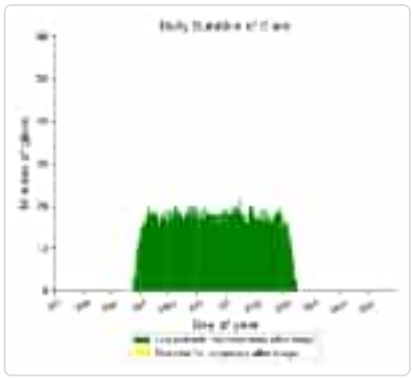


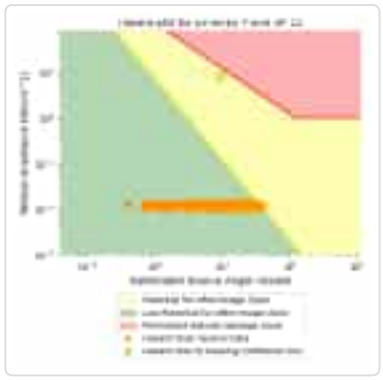
PV array 7: OP 12

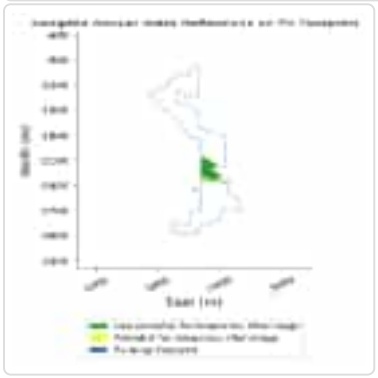
PV array is expected to produce the following glare for this receptor:

- 2,978 minutes of "green" glare with low potential to cause temporary after-image.
- 8 minutes of "yellow" glare with potential to cause temporary after-image.





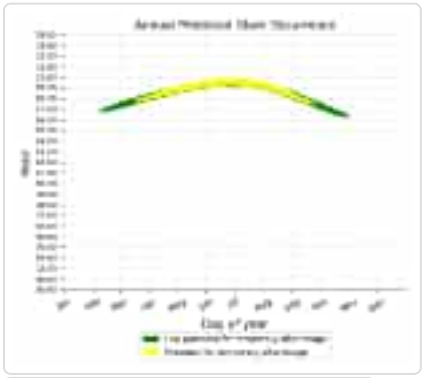


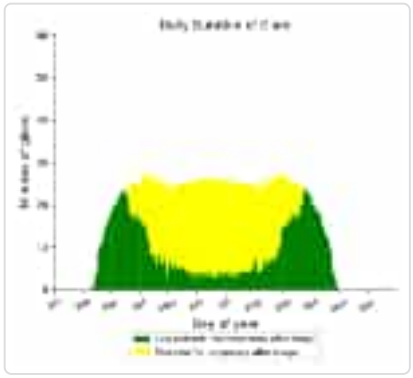


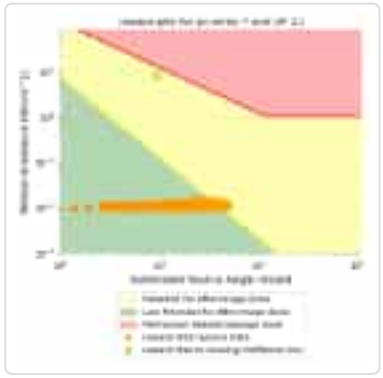
PV array 7: OP 13

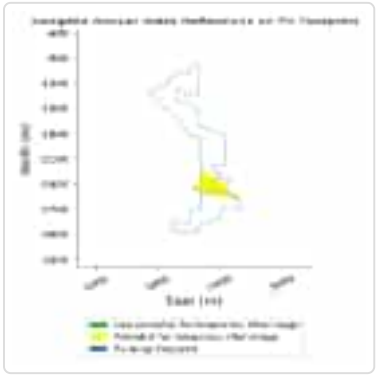
PV array is expected to produce the following glare for this receptor:

- 2,619 minutes of "green" glare with low potential to cause temporary after-image.
- 3,324 minutes of "yellow" glare with potential to cause temporary after-image.





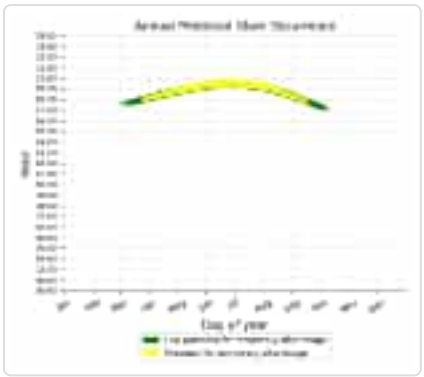


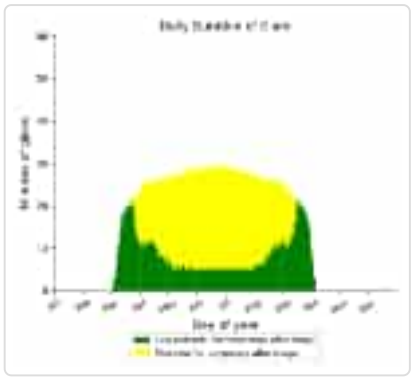


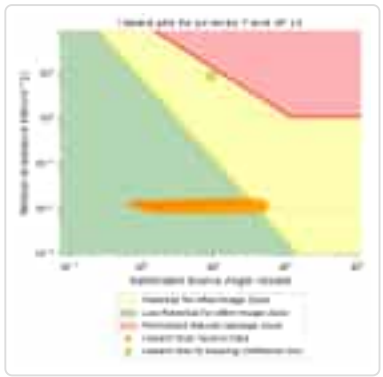
PV array 7: OP 14

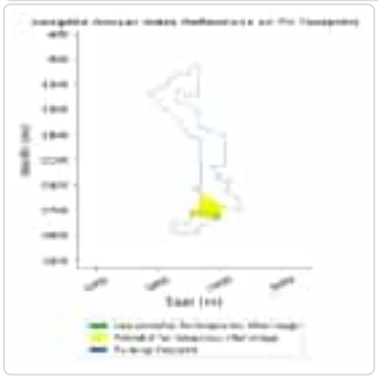
PV array is expected to produce the following glare for this receptor:

- 1,947 minutes of "green" glare with low potential to cause temporary after-image.
- 3,387 minutes of "yellow" glare with potential to cause temporary after-image.





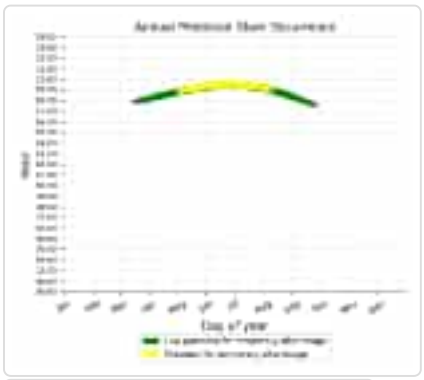


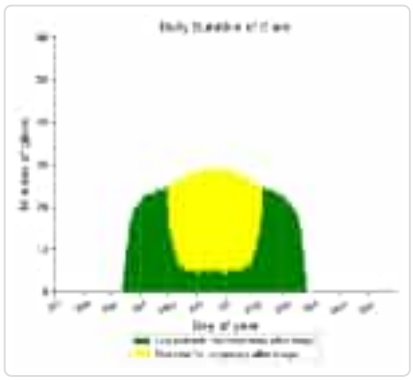


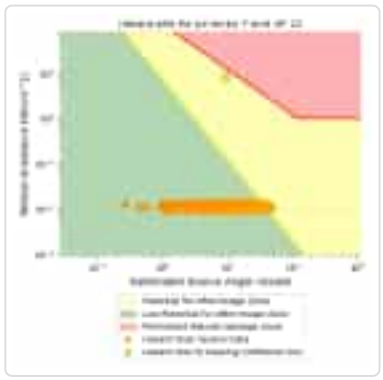
PV array 7: OP 15

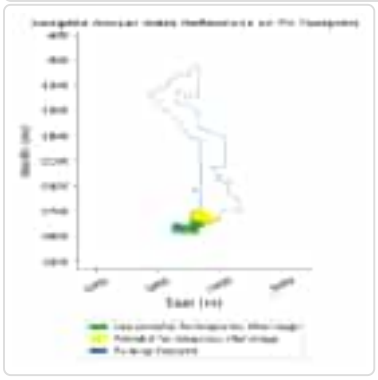
PV array is expected to produce the following glare for this receptor:

- 2,595 minutes of "green" glare with low potential to cause temporary after-image.
- 2,103 minutes of "yellow" glare with potential to cause temporary after-image.





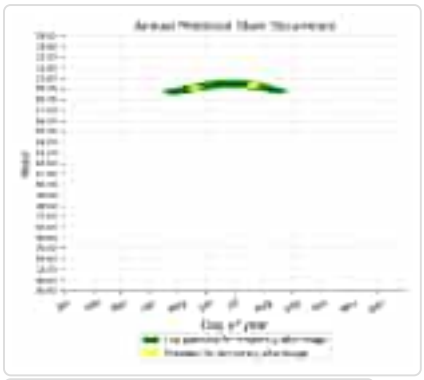


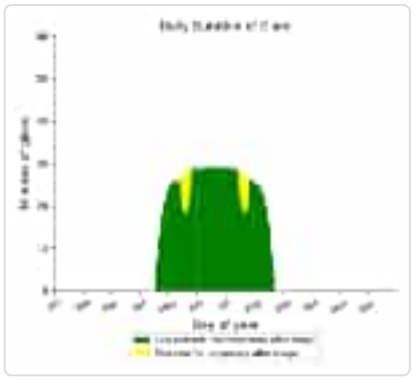


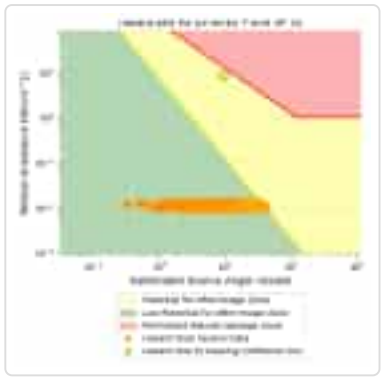
PV array 7: OP 16

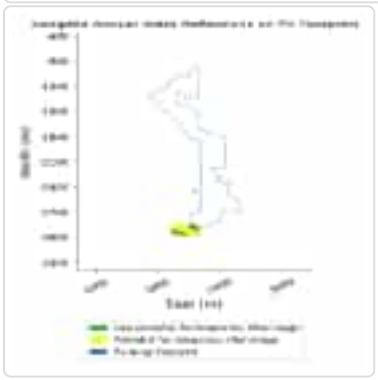
PV array is expected to produce the following glare for this receptor:

- 3,033 minutes of "green" glare with low potential to cause temporary after-image.
- 170 minutes of "yellow" glare with potential to cause temporary after-image.





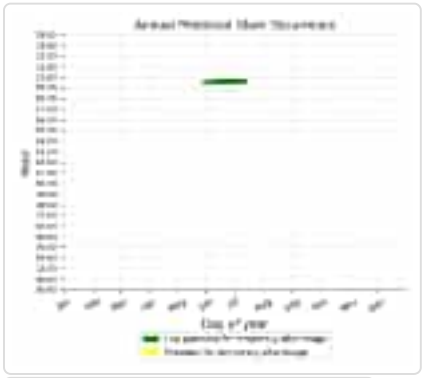


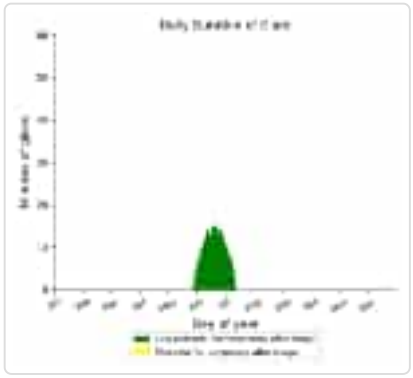


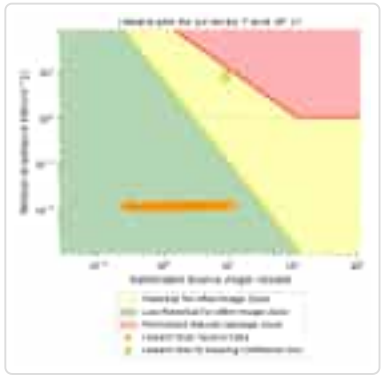
PV array 7: OP 17

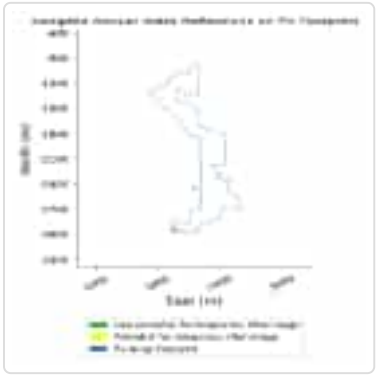
PV array is expected to produce the following glare for this receptor:

- 473 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 18

No glare found

PV array 7: OP 19

No glare found

PV array 7: OP 20

No glare found

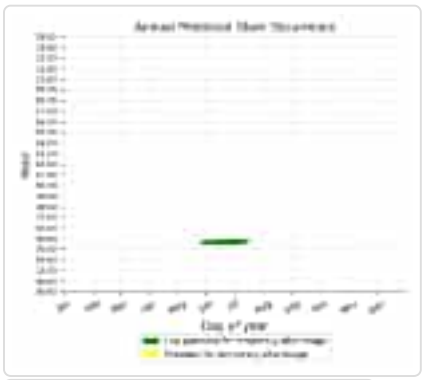
PV array 7: OP 21

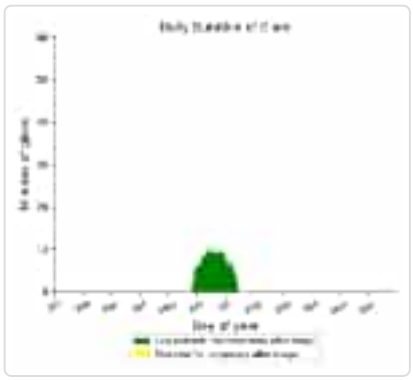
No glare found

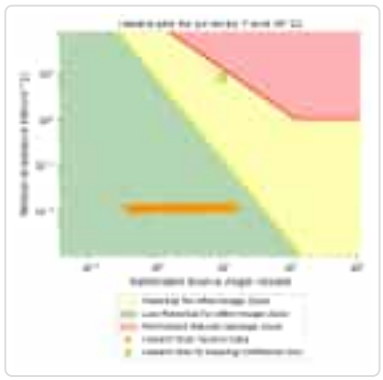
PV array 7: OP 22

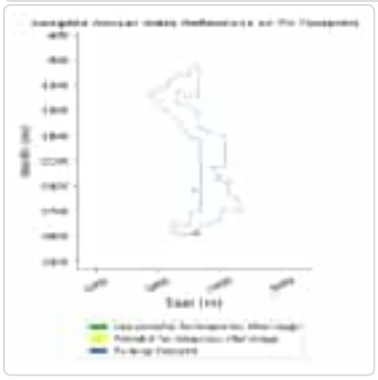
PV array is expected to produce the following glare for this receptor:

- 366 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





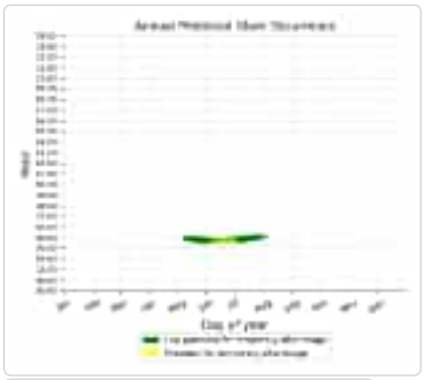


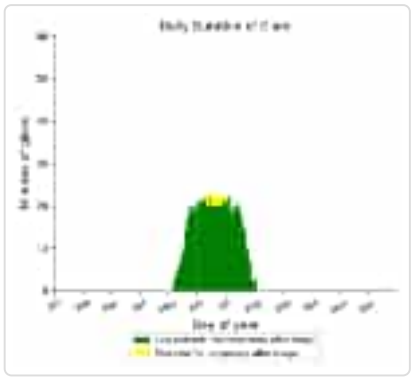


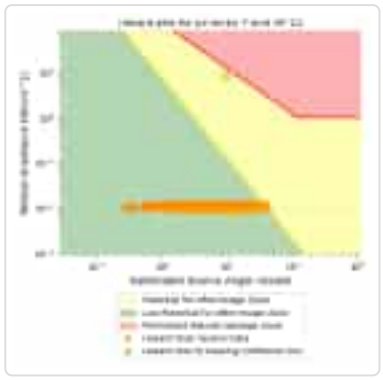
PV array 7: OP 23

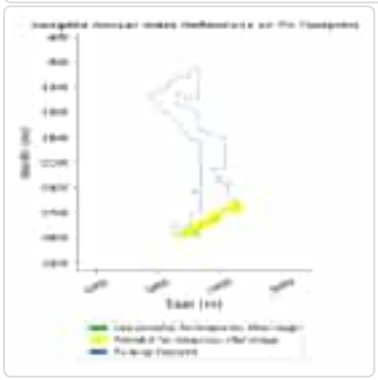
PV array is expected to produce the following glare for this receptor:

- 1,418 minutes of "green" glare with low potential to cause temporary after-image.
- 47 minutes of "yellow" glare with potential to cause temporary after-image.





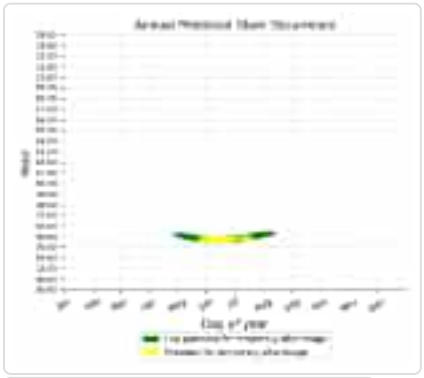


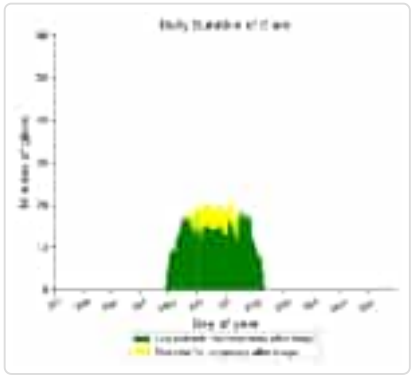


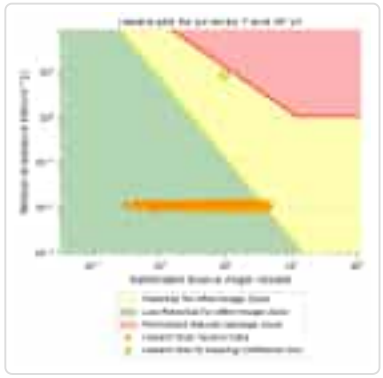
PV array 7: OP 24

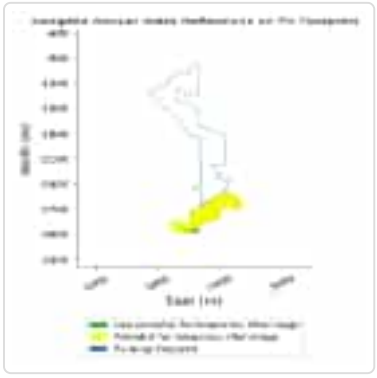
PV array is expected to produce the following glare for this receptor:

- 1,413 minutes of "green" glare with low potential to cause temporary after-image.
- 262 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 25

No glare found

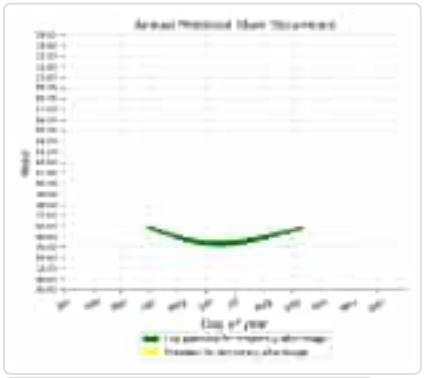
PV array 7: OP 26

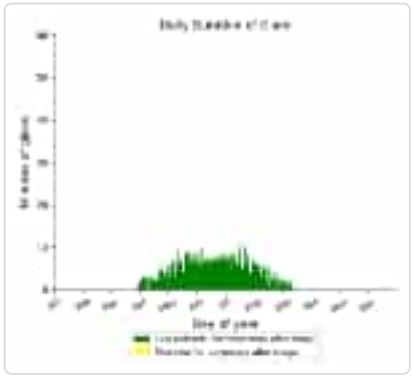
No glare found

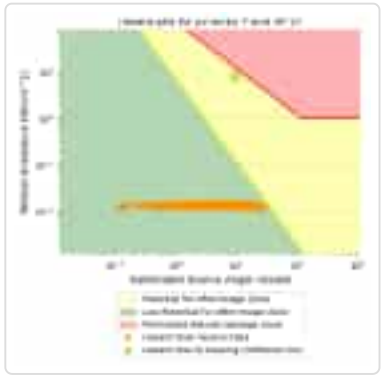
PV array 7: OP 27

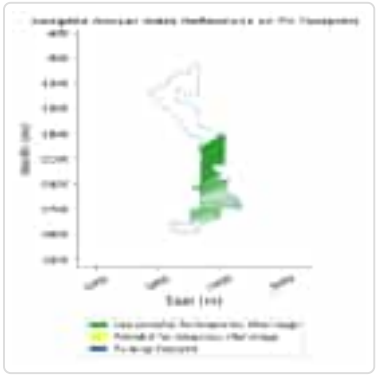
PV array is expected to produce the following glare for this receptor:

- 872 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





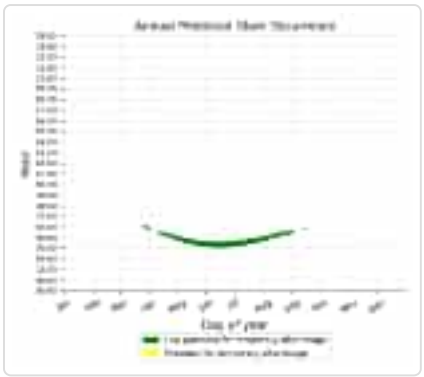


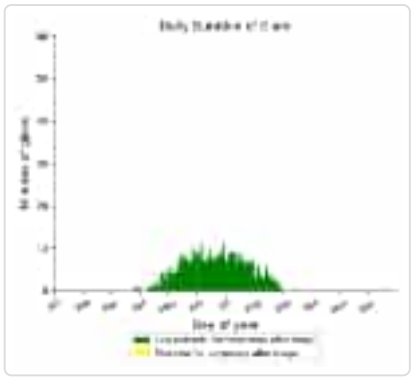


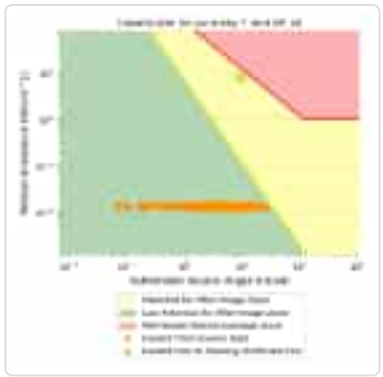
PV array 7: OP 28

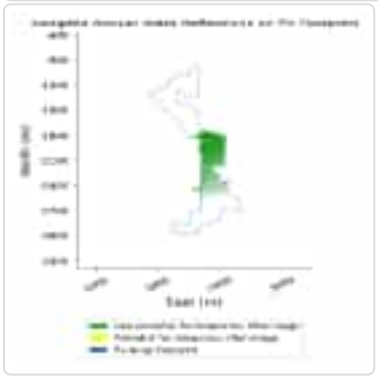
PV array is expected to produce the following glare for this receptor:

- 853 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





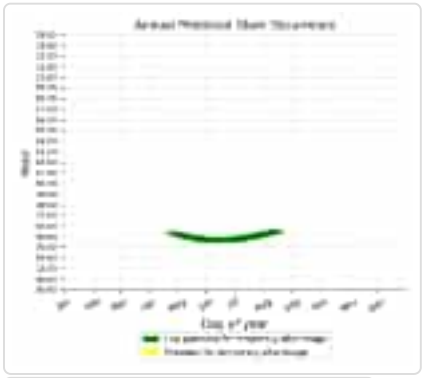


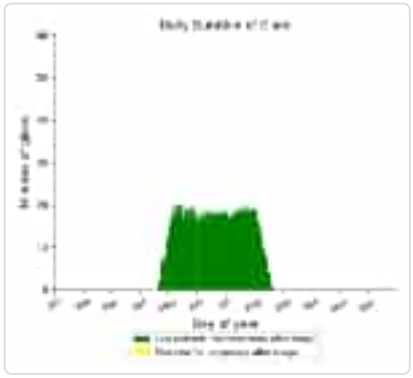


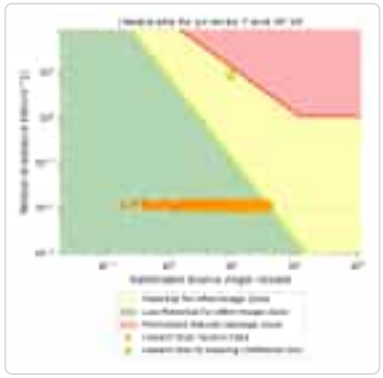
PV array 7: OP 29

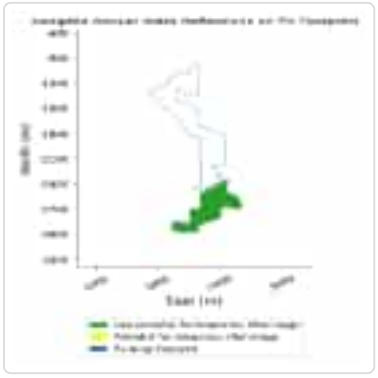
PV array is expected to produce the following glare for this receptor:

- 1,976 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





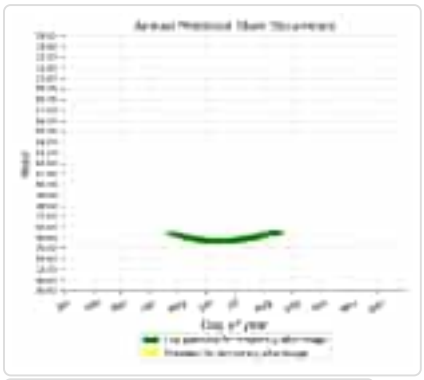


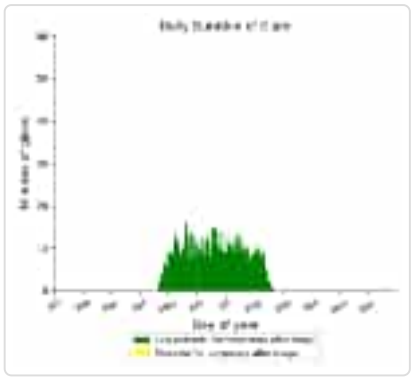


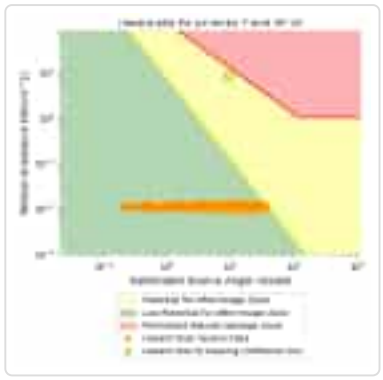
PV array 7: OP 30

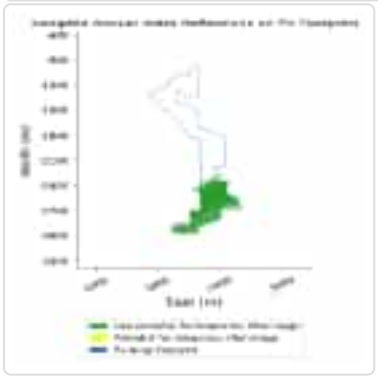
PV array is expected to produce the following glare for this receptor:

- 1,187 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 31

No glare found

PV array 7: OP 32

No glare found

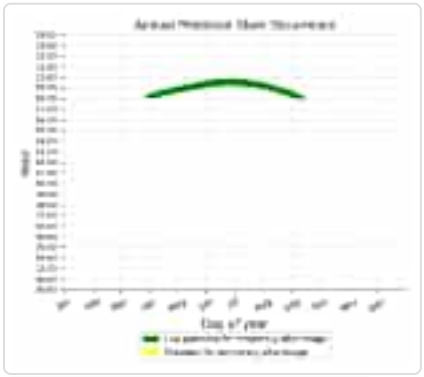
PV array 7: OP 33

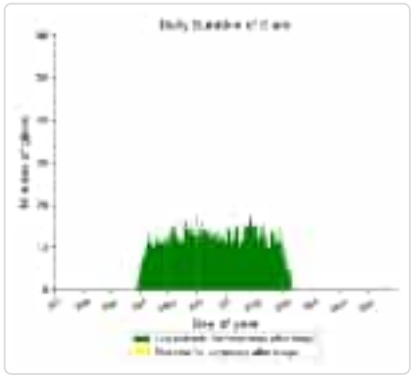
No glare found

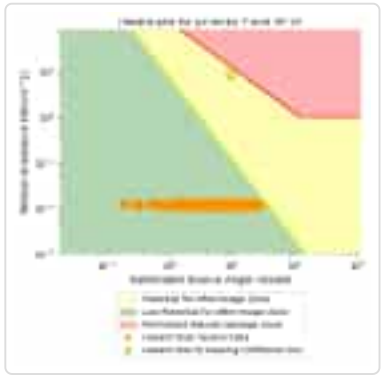
PV array 7: OP 34

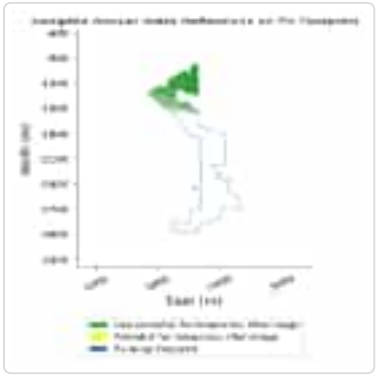
PV array is expected to produce the following glare for this receptor:

- 1,979 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





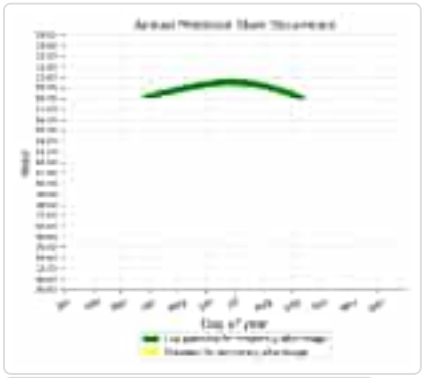


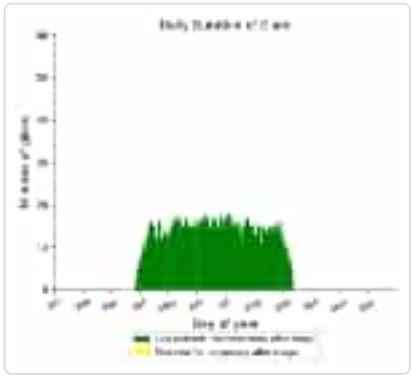


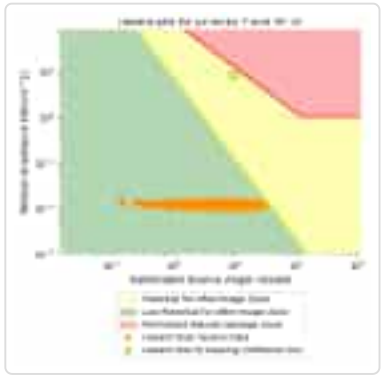
PV array 7: OP 35

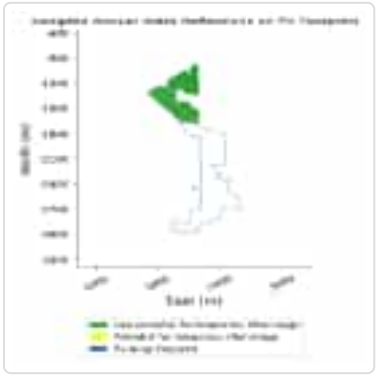
PV array is expected to produce the following glare for this receptor:

- 2,408 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





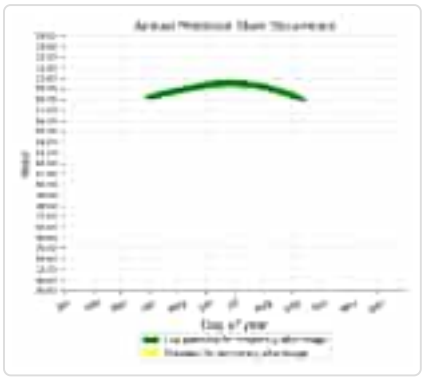


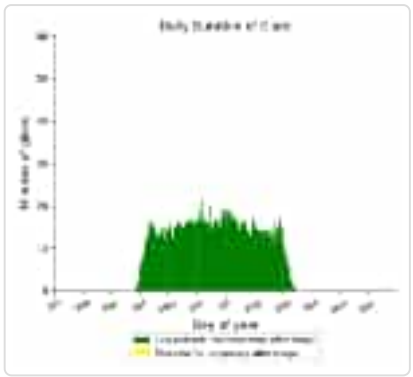


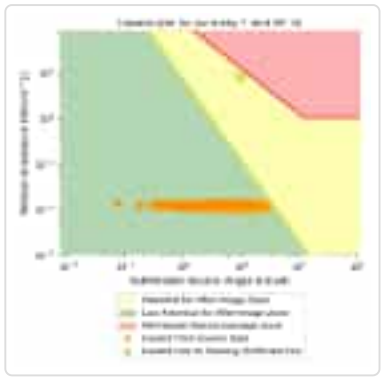
PV array 7: OP 36

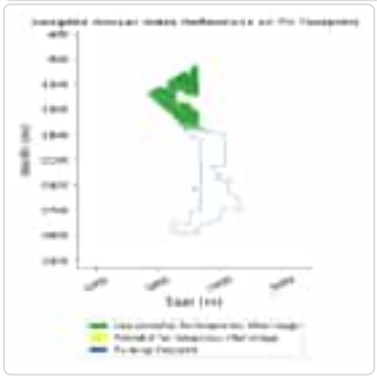
PV array is expected to produce the following glare for this receptor:

- 2,402 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





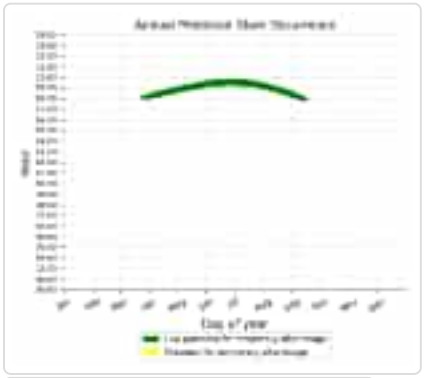


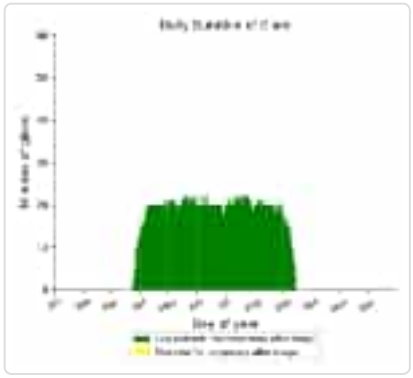


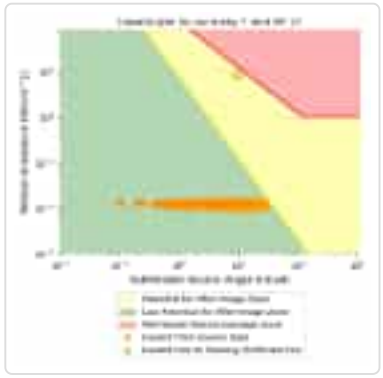
PV array 7: OP 37

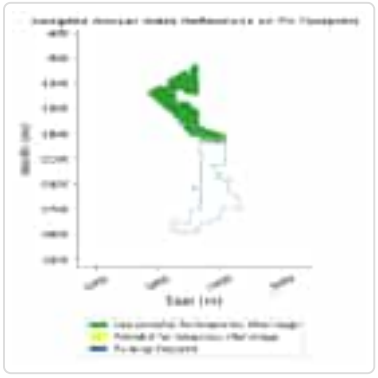
PV array is expected to produce the following glare for this receptor:

- 3,347 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





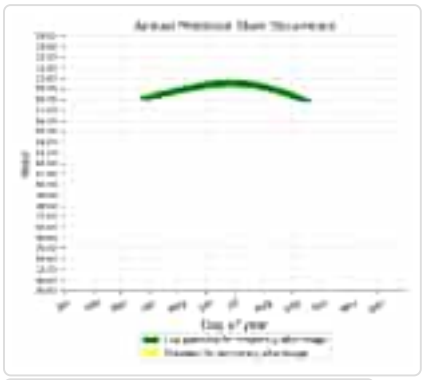


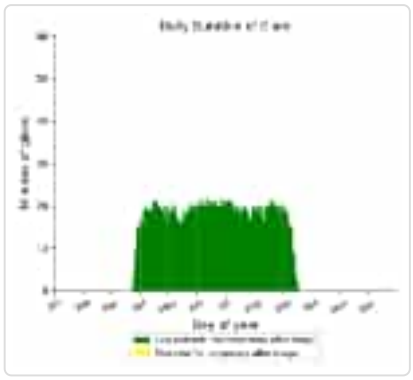


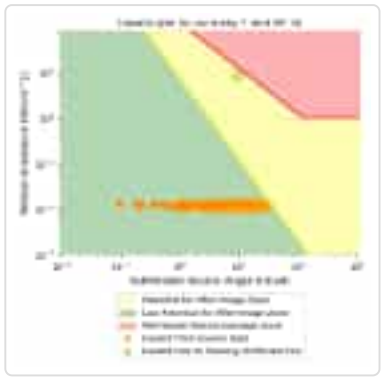
PV array 7: OP 38

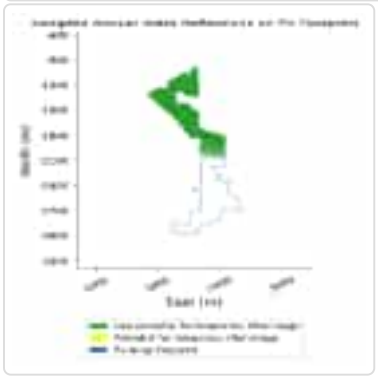
PV array is expected to produce the following glare for this receptor:

- 3,297 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





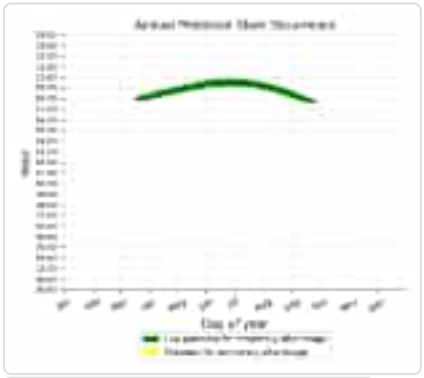


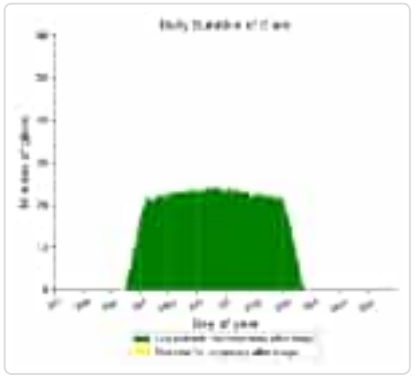


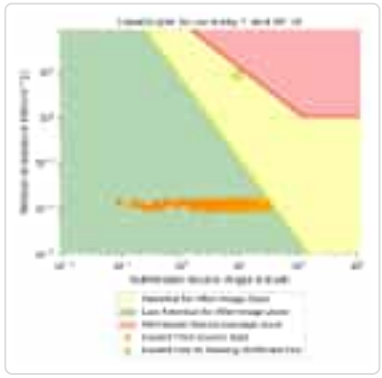
PV array 7: OP 39

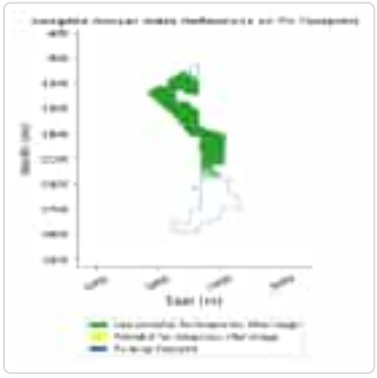
PV array is expected to produce the following glare for this receptor:

- 3,835 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





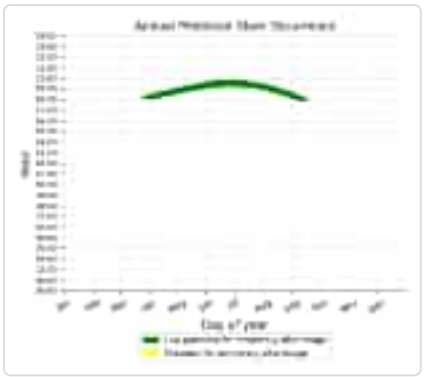


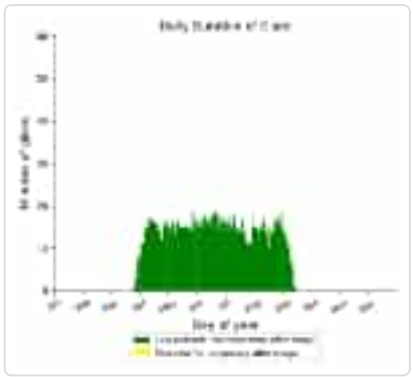


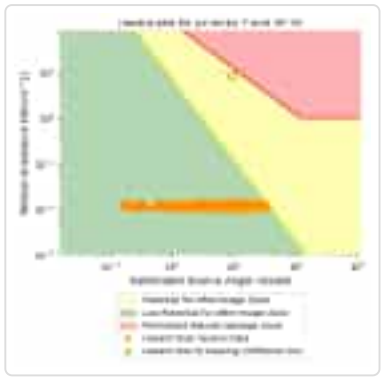
PV array 7: OP 40

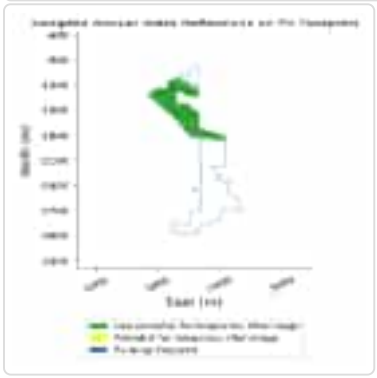
PV array is expected to produce the following glare for this receptor:

- 2,489 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





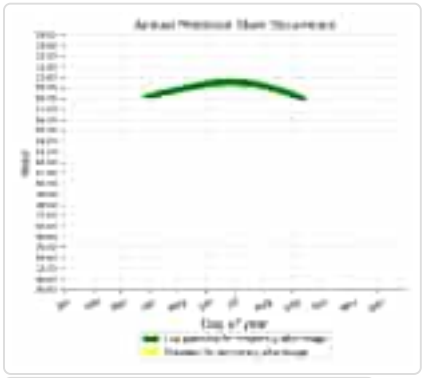


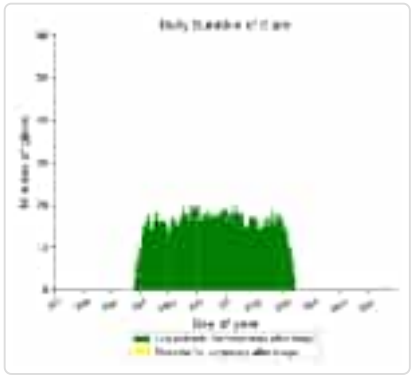


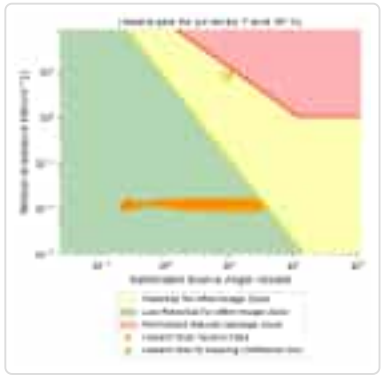
PV array 7: OP 41

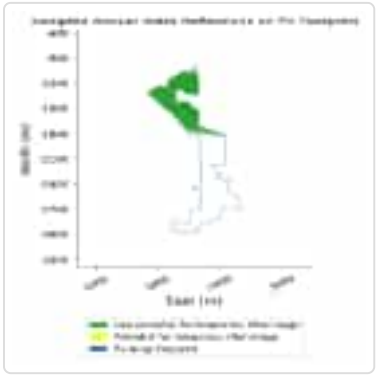
PV array is expected to produce the following glare for this receptor:

- 2,757 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





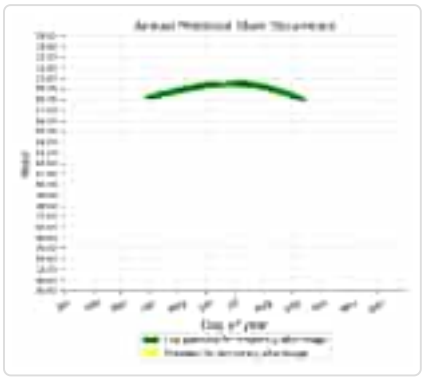


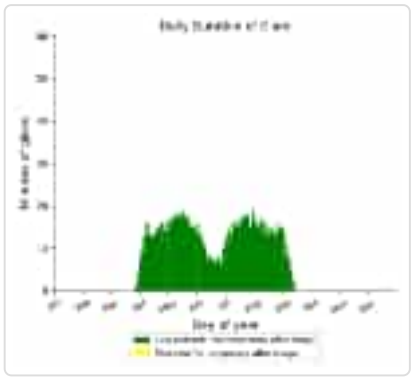


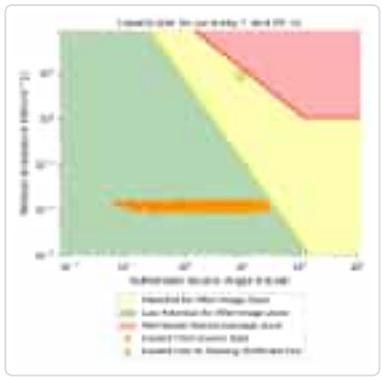
PV array 7: OP 42

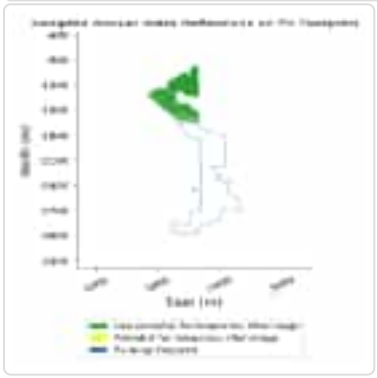
PV array is expected to produce the following glare for this receptor:

- 2,278 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





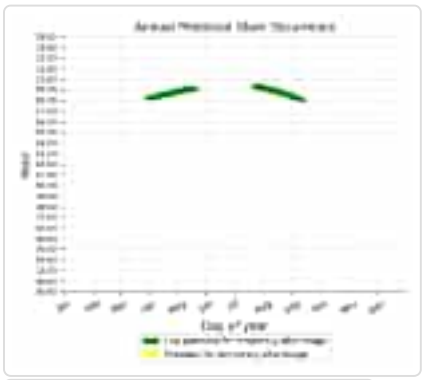


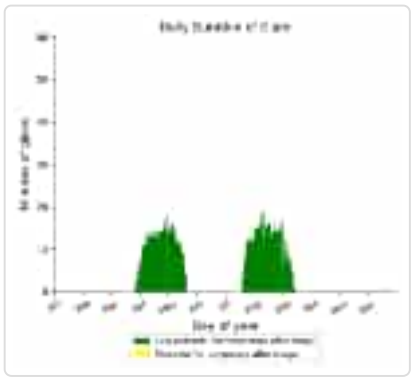


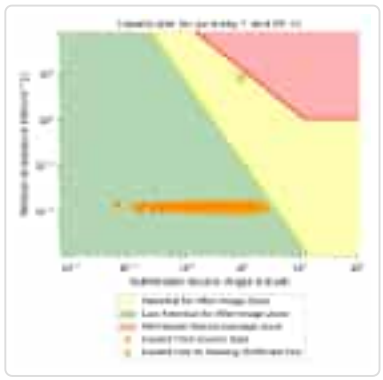
PV array 7: OP 43

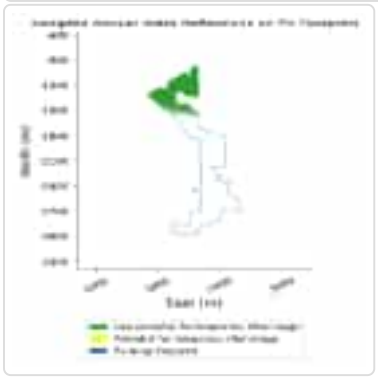
PV array is expected to produce the following glare for this receptor:

- 1,353 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





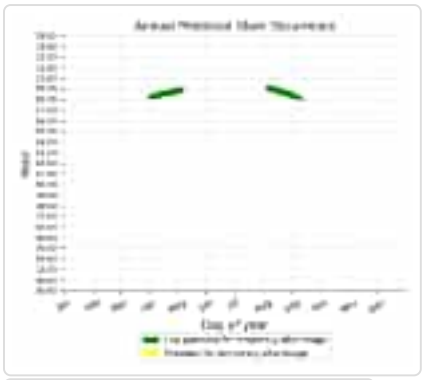


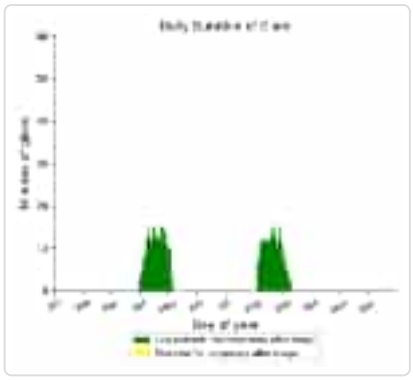


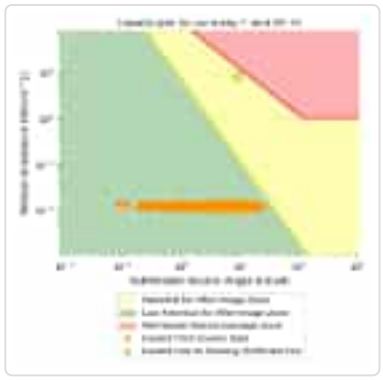
PV array 7: OP 44

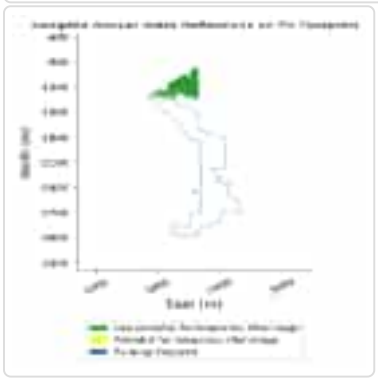
PV array is expected to produce the following glare for this receptor:

- 757 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









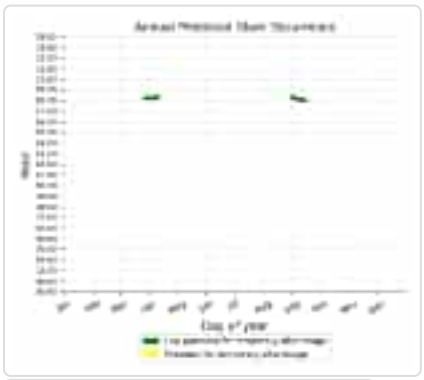
PV array 7: OP 45

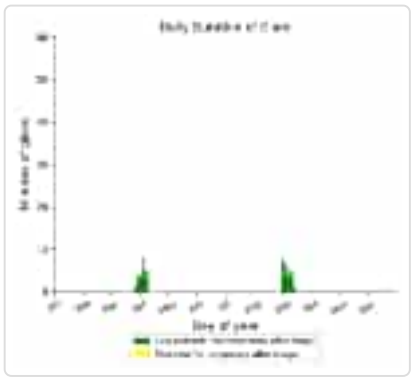
No glare found

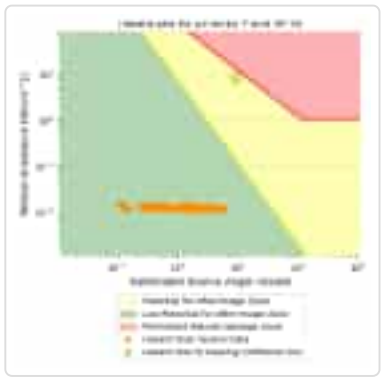
PV array 7: OP 46

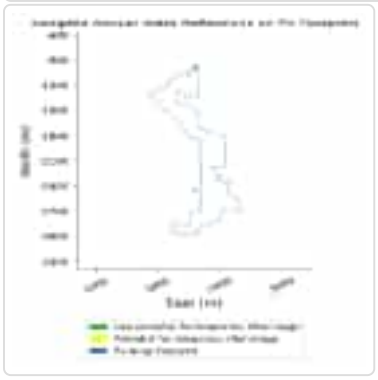
PV array is expected to produce the following glare for this receptor:

- 134 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 47

No glare found

PV array 7: OP 48

No glare found

PV array 7: OP 49

No glare found

PV array 7: OP 50

No glare found

PV array 7: OP 51

No glare found

PV array 7: OP 52

No glare found

PV array 7: OP 53

No glare found

PV array 7: OP 54

No glare found

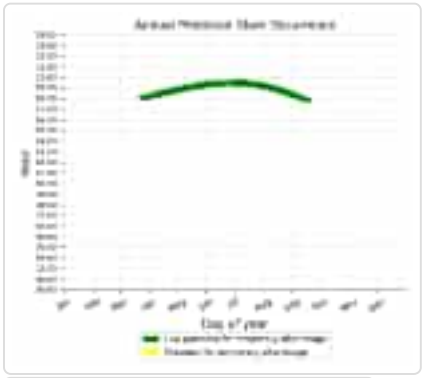
PV array 7: OP 55

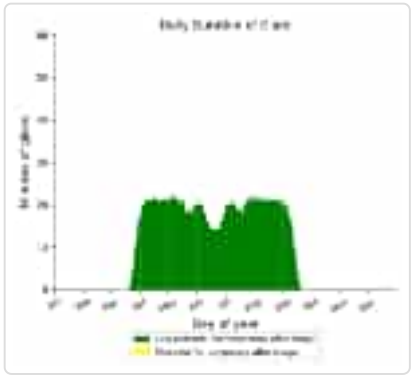
No glare found

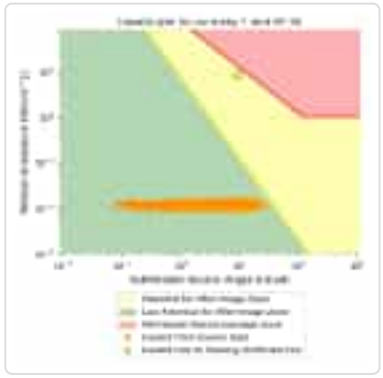
PV array 7: OP 56

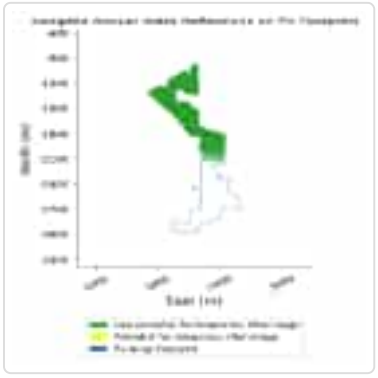
PV array is expected to produce the following glare for this receptor:

- 3,382 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





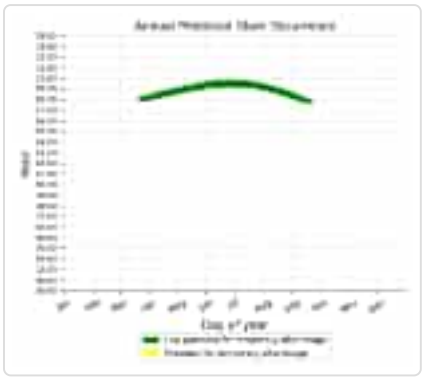


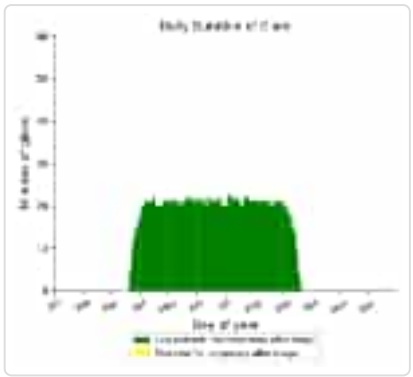


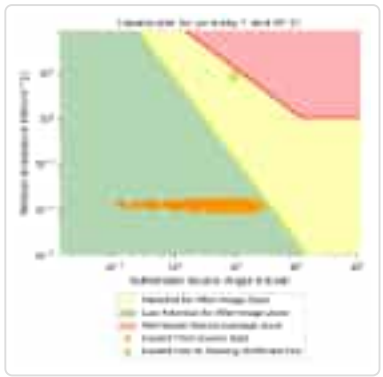
PV array 7: OP 57

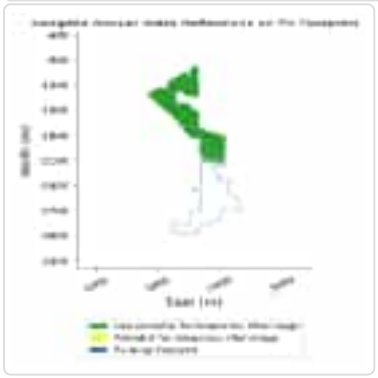
PV array is expected to produce the following glare for this receptor:

- 3,634 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





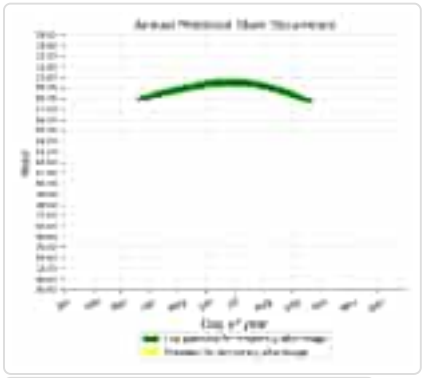


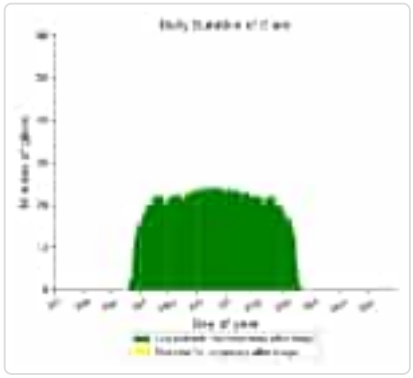


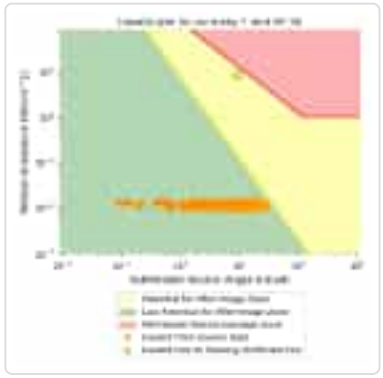
PV array 7: OP 58

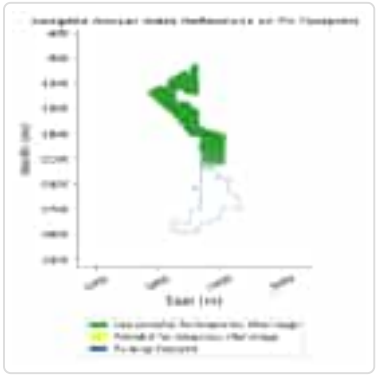
PV array is expected to produce the following glare for this receptor:

- 3,739 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





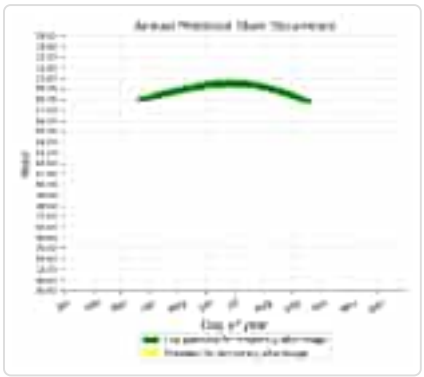


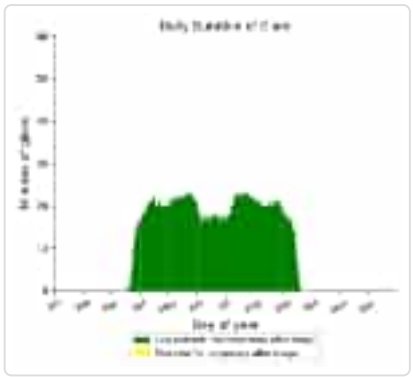


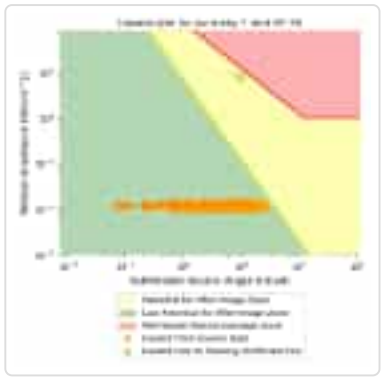
PV array 7: OP 59

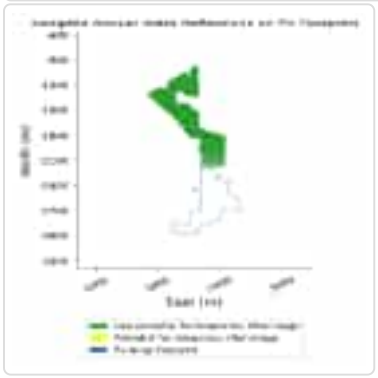
PV array is expected to produce the following glare for this receptor:

- 3,470 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





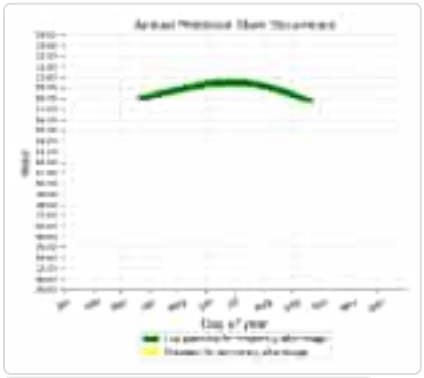


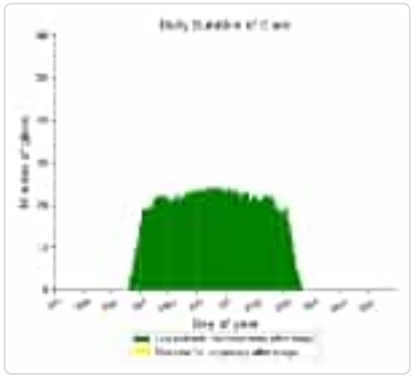


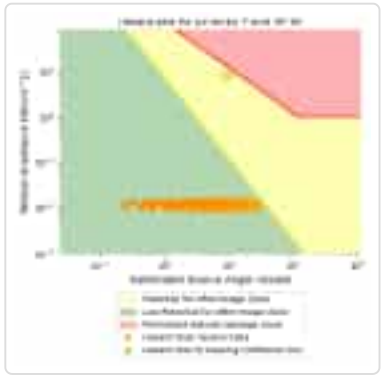
PV array 7: OP 60

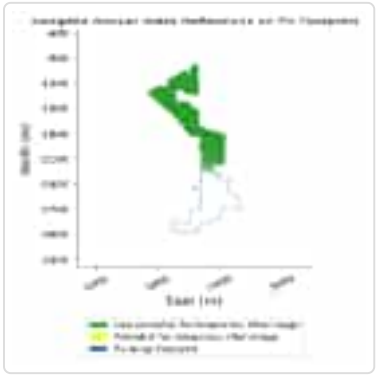
PV array is expected to produce the following glare for this receptor:

- 3,673 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





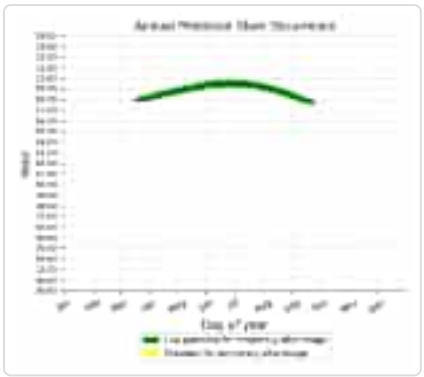


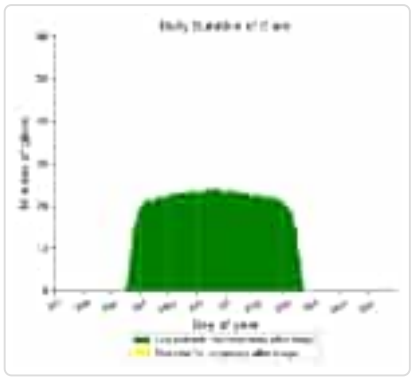


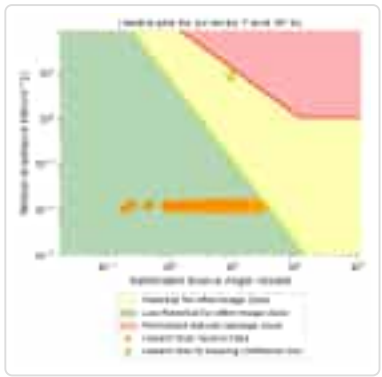
PV array 7: OP 61

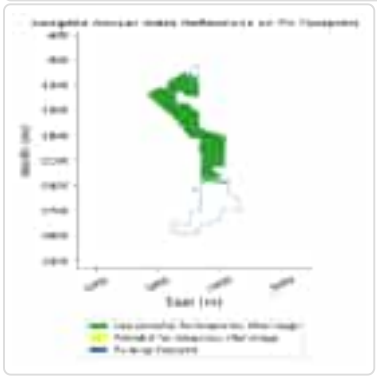
PV array is expected to produce the following glare for this receptor:

- 3,961 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





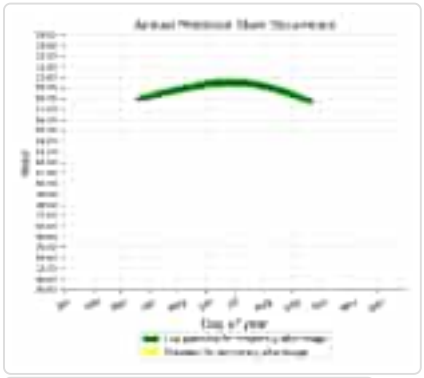


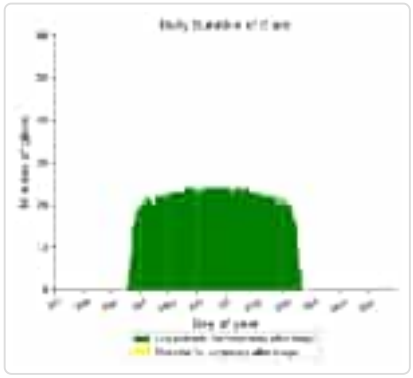


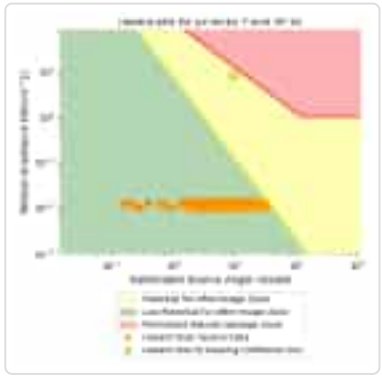
PV array 7: OP 62

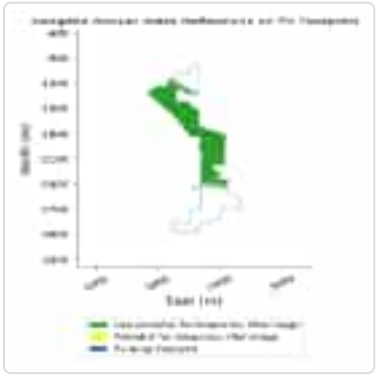
PV array is expected to produce the following glare for this receptor:

- 3,986 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





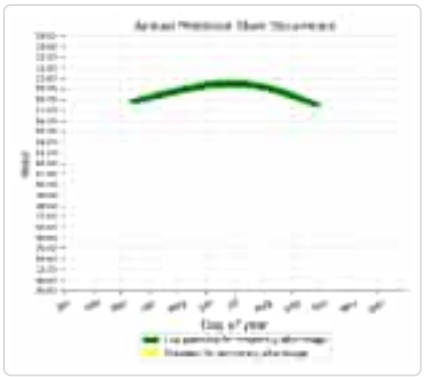


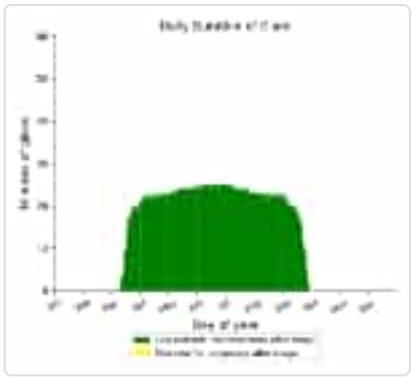


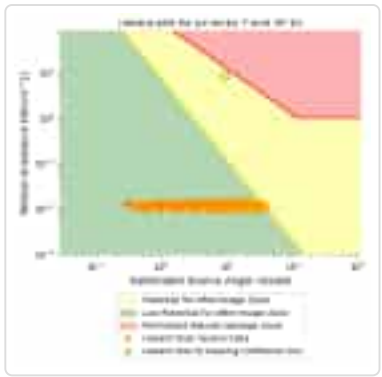
PV array 7: OP 63

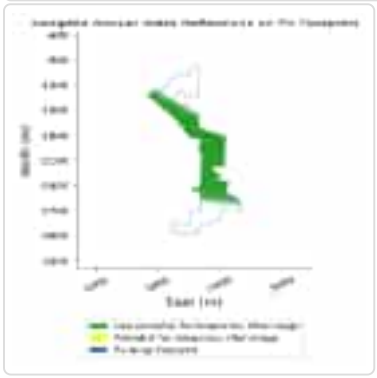
PV array is expected to produce the following glare for this receptor:

- 4,379 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





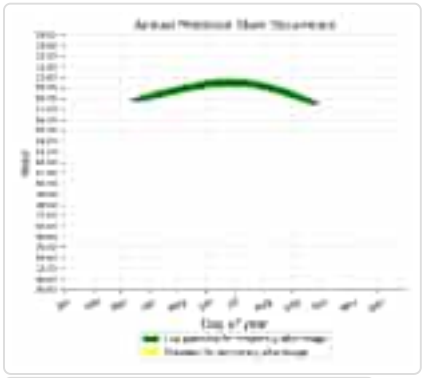


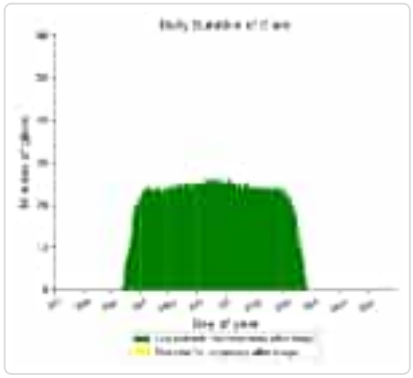


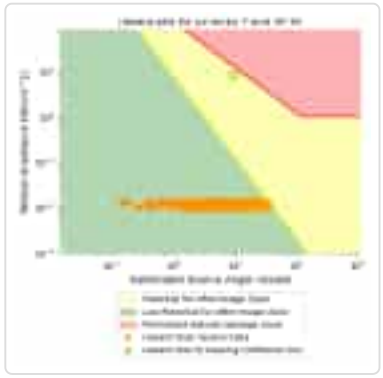
PV array 7: OP 64

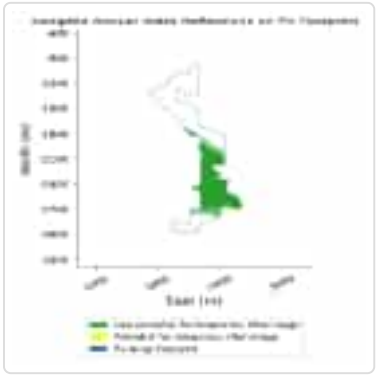
PV array is expected to produce the following glare for this receptor:

- 4,404 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





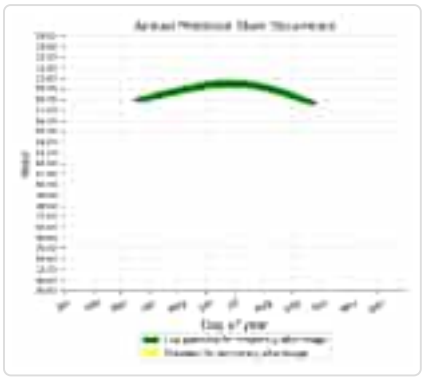


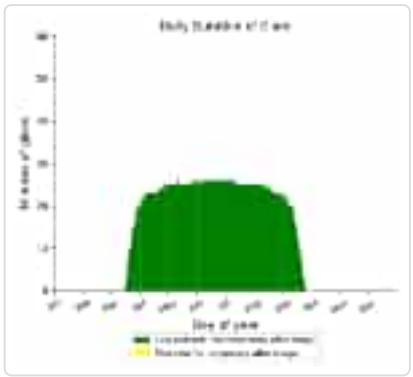


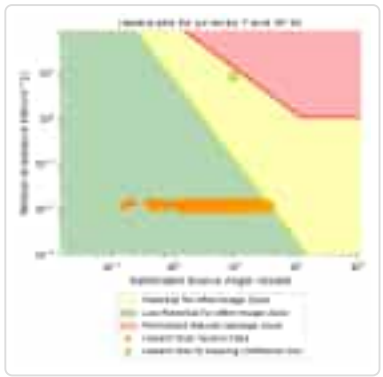
PV array 7: OP 65

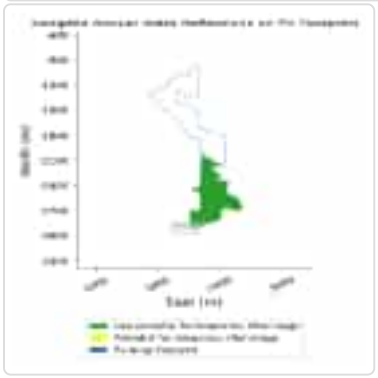
PV array is expected to produce the following glare for this receptor:

- 4,357 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





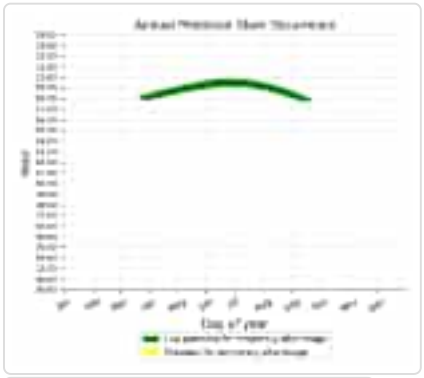


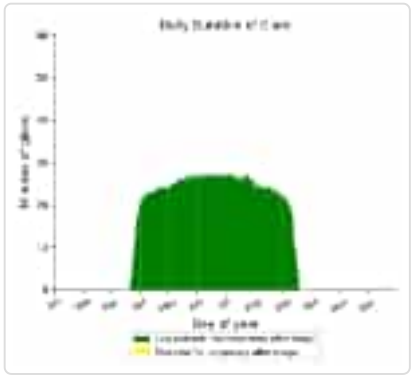


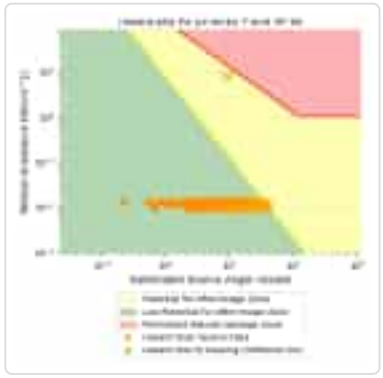
PV array 7: OP 66

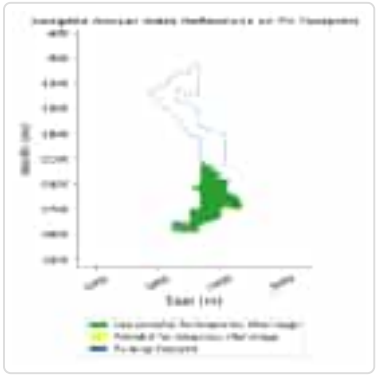
PV array is expected to produce the following glare for this receptor:

- 4,246 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





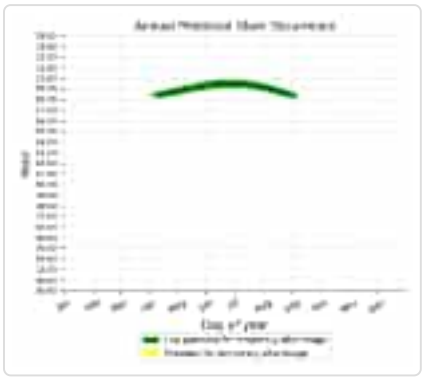


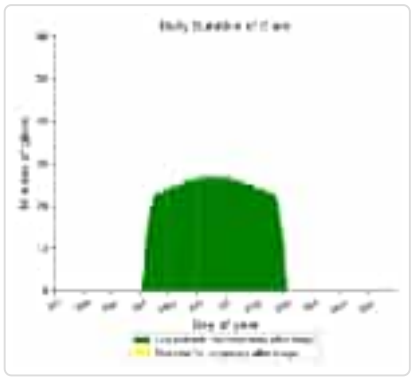


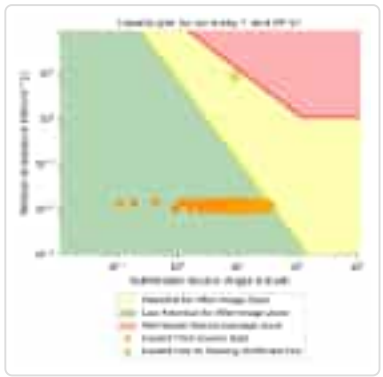
PV array 7: OP 67

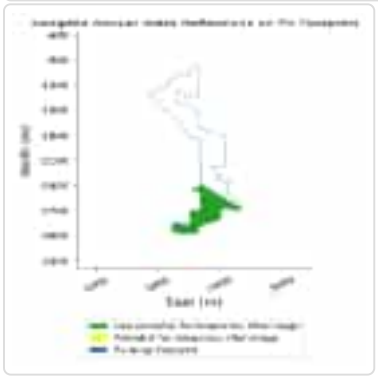
PV array is expected to produce the following glare for this receptor:

- 3,639 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





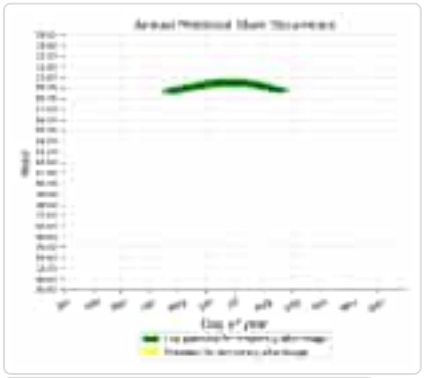


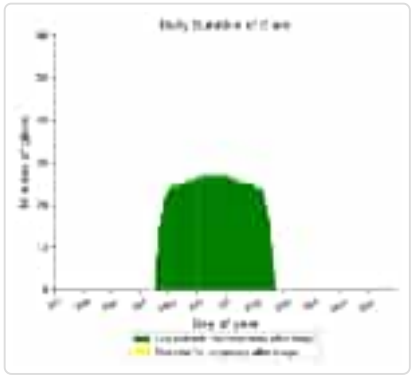


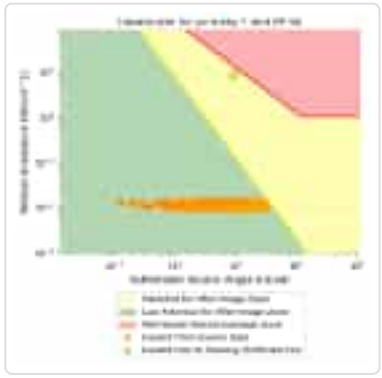
PV array 7: OP 68

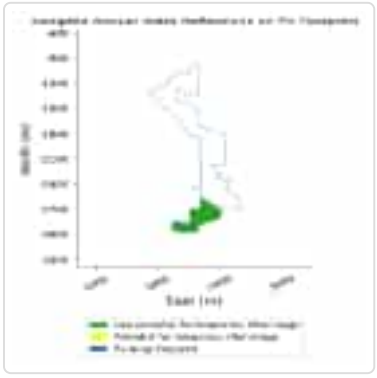
PV array is expected to produce the following glare for this receptor:

- 3,034 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





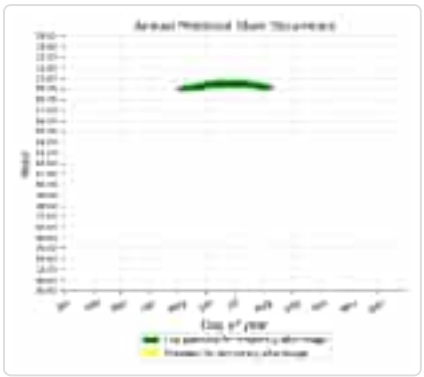


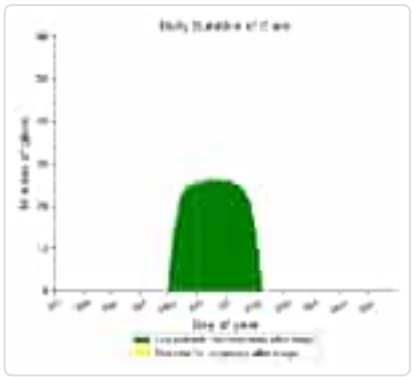


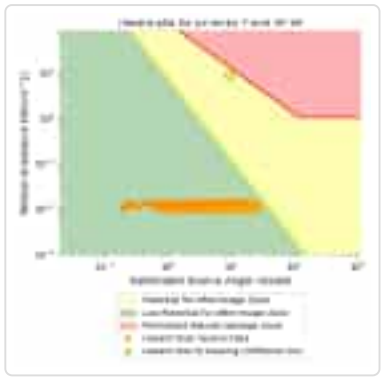
PV array 7: OP 69

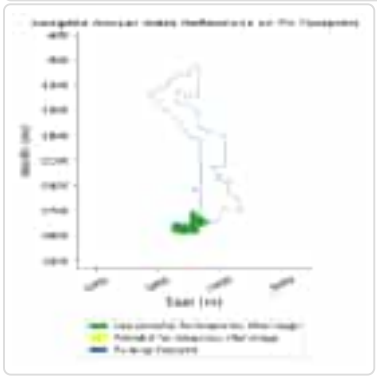
PV array is expected to produce the following glare for this receptor:

- 2,216 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





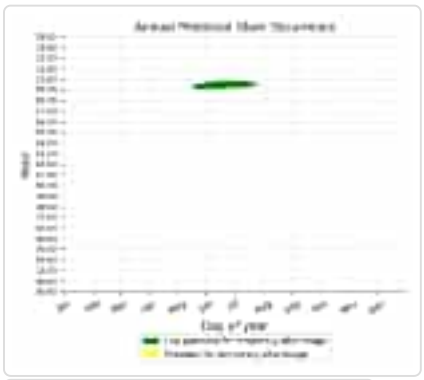
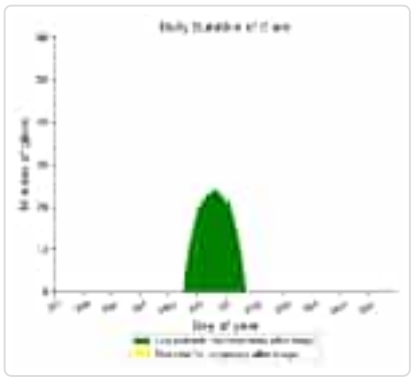
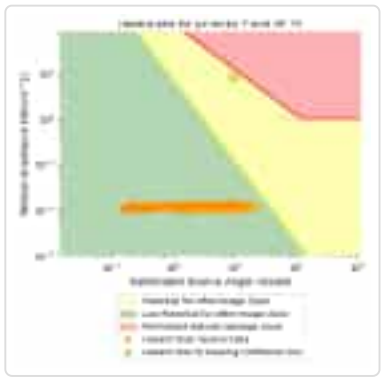
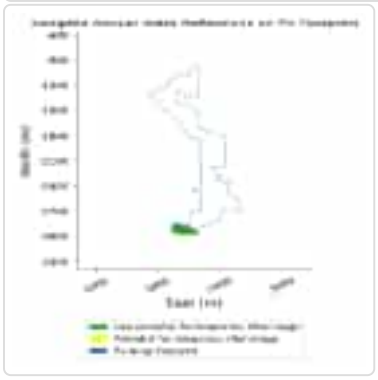




PV array 7: OP 70

PV array is expected to produce the following glare for this receptor:

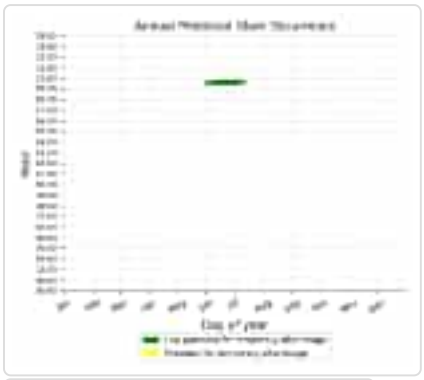
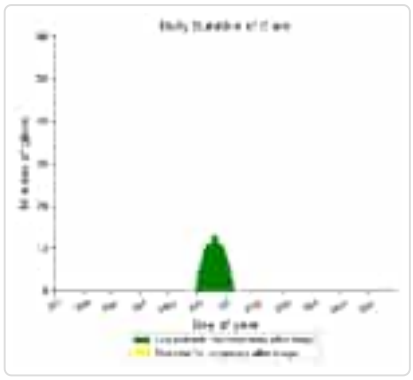
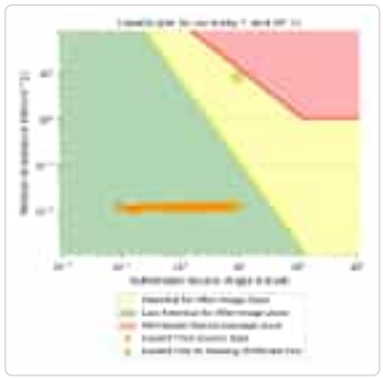
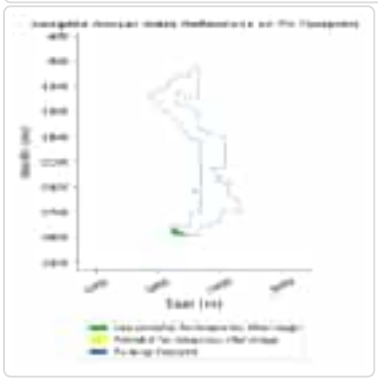
- 1,163 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 7: OP 71

PV array is expected to produce the following glare for this receptor:

- 363 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 7: OP 72

No glare found

PV array 7: OP 73

No glare found

PV array 8 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	1769	91
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	287	0
OP: OP 22	789	0
OP: OP 23	1133	0
OP: OP 24	805	0
OP: OP 25	667	0
OP: OP 26	425	0
OP: OP 27	225	0
OP: OP 28	76	0
OP: OP 29	337	0
OP: OP 30	366	0
OP: OP 31	434	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0

OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	665	0
OP: OP 64	1788	0
OP: OP 65	3137	0
OP: OP 66	2357	0
OP: OP 67	88	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0

PV array 8: OP 1

No glare found

PV array 8: OP 2

No glare found

PV array 8: OP 3

No glare found

PV array 8: OP 4

No glare found

PV array 8: OP 5

No glare found

PV array 8: OP 6

No glare found

PV array 8: OP 7

No glare found

PV array 8: OP 8

No glare found

PV array 8: OP 9

No glare found

PV array 8: OP 10

No glare found

PV array 8: OP 11

No glare found

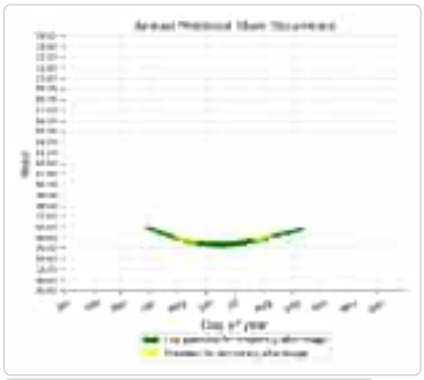
PV array 8: OP 12

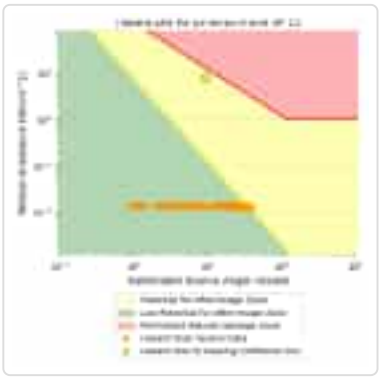
No glare found

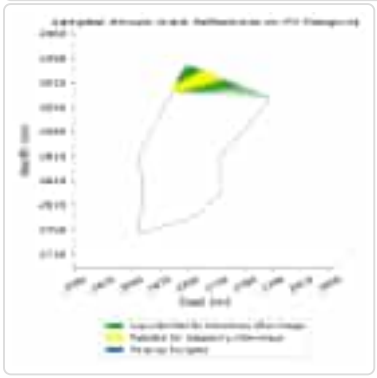
PV array 8: OP 13

PV array is expected to produce the following glare for this receptor:

- 1,769 minutes of "green" glare with low potential to cause temporary after-image.
- 91 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 8: OP 14

No glare found

PV array 8: OP 15

No glare found

PV array 8: OP 16

No glare found

PV array 8: OP 17

No glare found

PV array 8: OP 18

No glare found

PV array 8: OP 19

No glare found

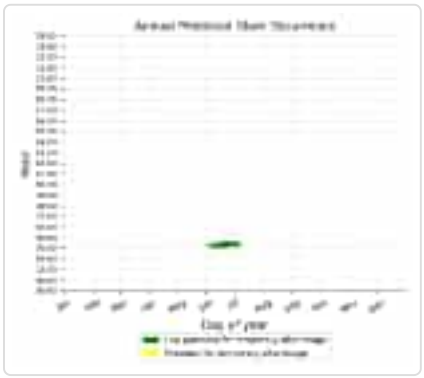
PV array 8: OP 20

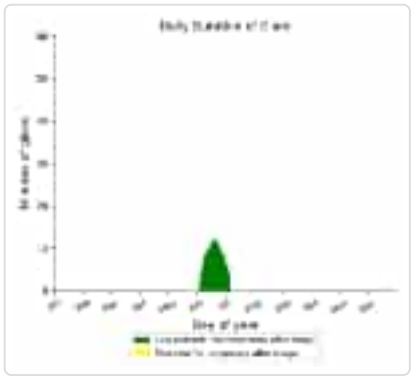
No glare found

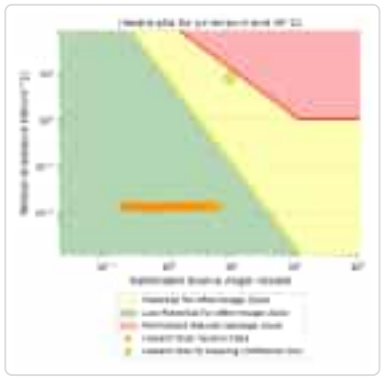
PV array 8: OP 21

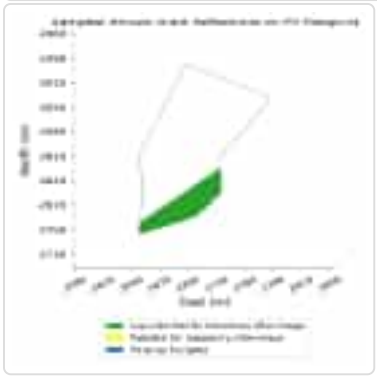
PV array is expected to produce the following glare for this receptor:

- 287 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





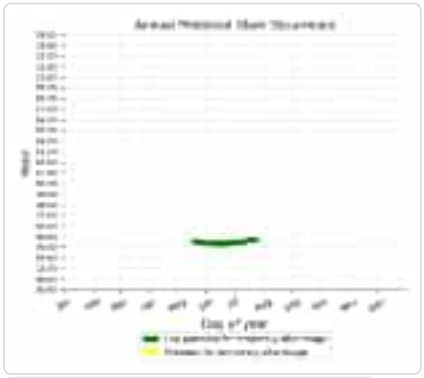


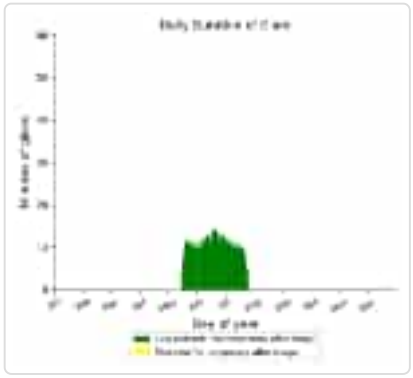


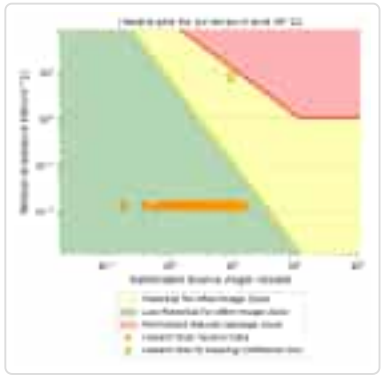
PV array 8: OP 22

PV array is expected to produce the following glare for this receptor:

- 789 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



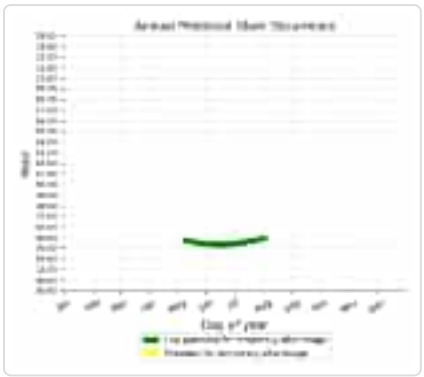


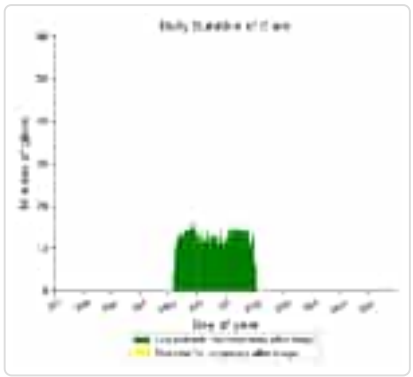


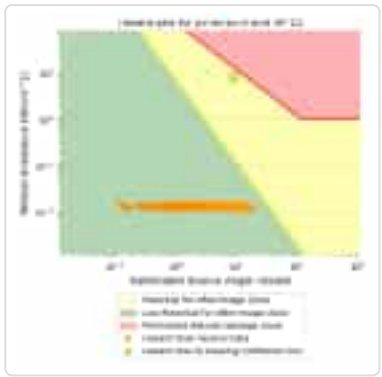
PV array 8: OP 23

PV array is expected to produce the following glare for this receptor:

- 1,133 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



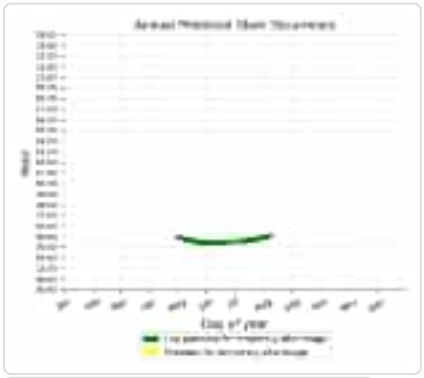


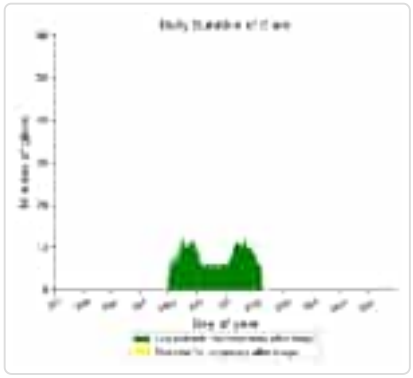


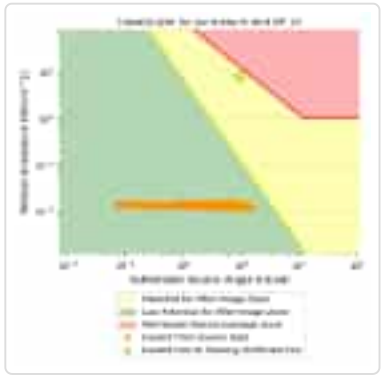
PV array 8: OP 24

PV array is expected to produce the following glare for this receptor:

- 805 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



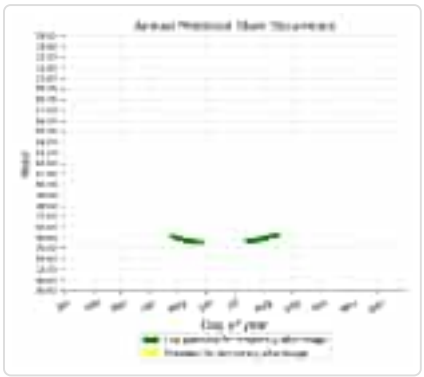


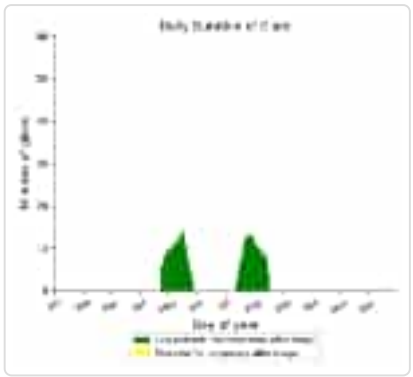


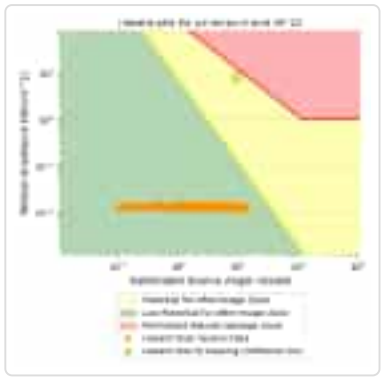
PV array 8: OP 25

PV array is expected to produce the following glare for this receptor:

- 667 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



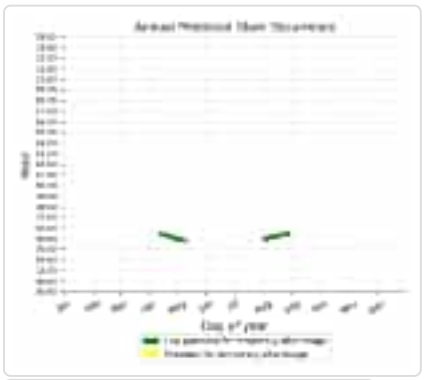


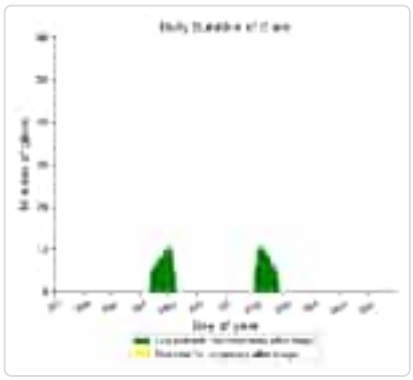


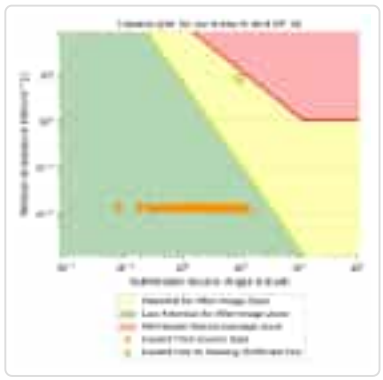
PV array 8: OP 26

PV array is expected to produce the following glare for this receptor:

- 425 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



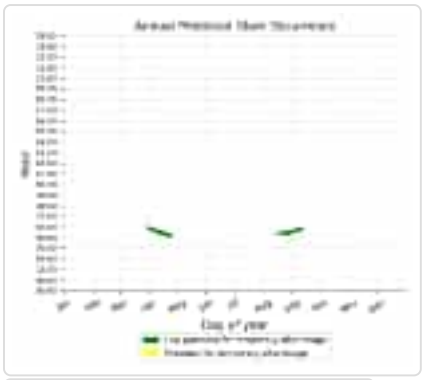


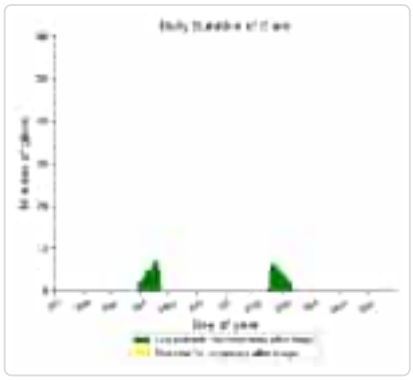


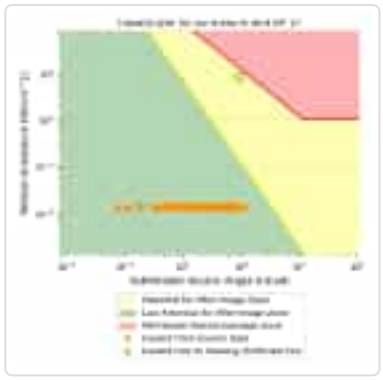
PV array 8: OP 27

PV array is expected to produce the following glare for this receptor:

- 225 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



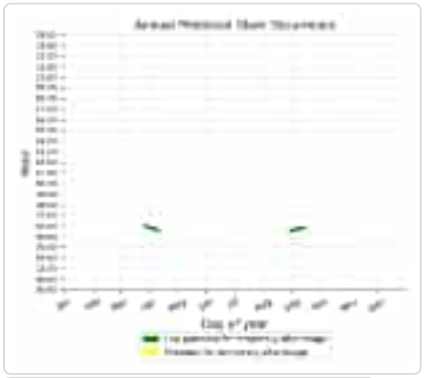


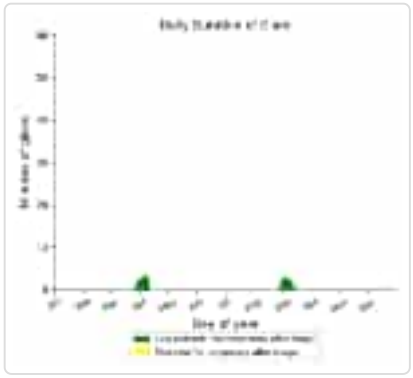


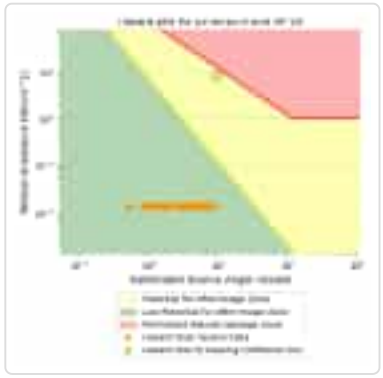
PV array 8: OP 28

PV array is expected to produce the following glare for this receptor:

- 76 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



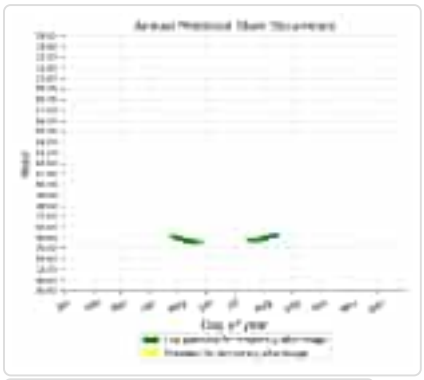


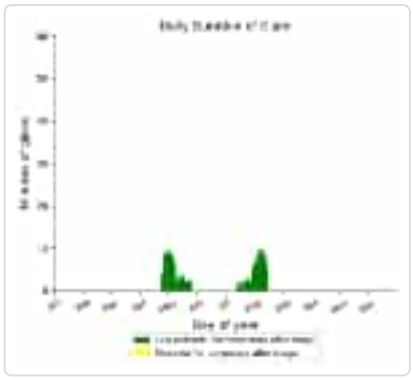


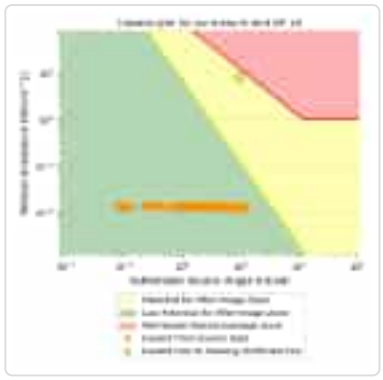
PV array 8: OP 29

PV array is expected to produce the following glare for this receptor:

- 337 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



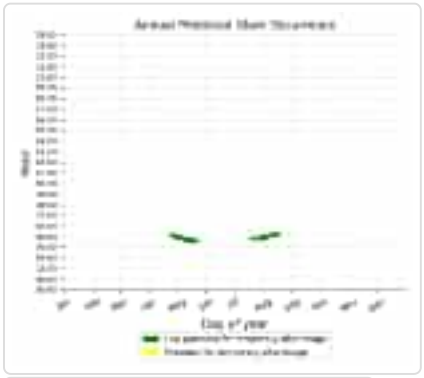


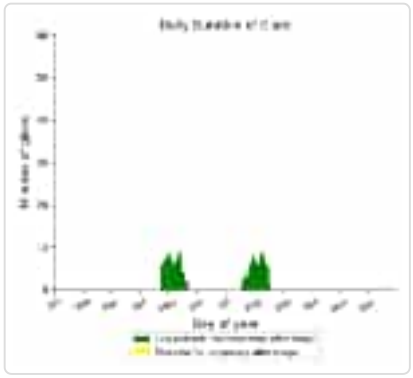


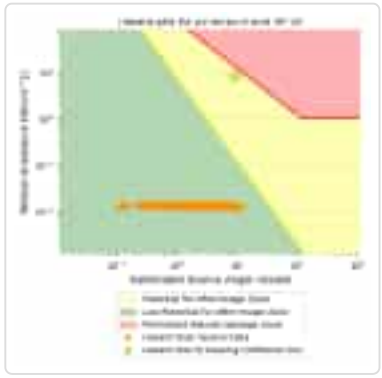
PV array 8: OP 30

PV array is expected to produce the following glare for this receptor:

- 366 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



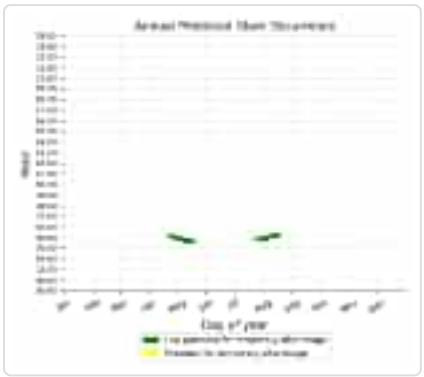


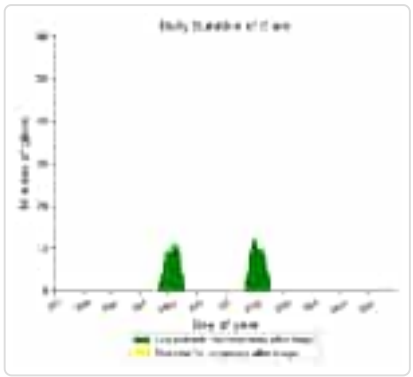


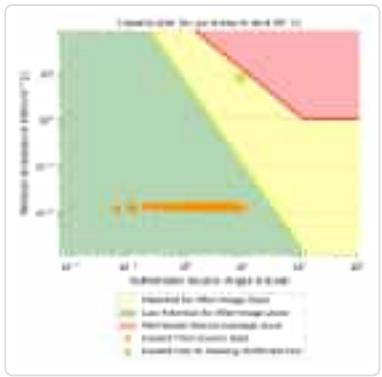
PV array 8: OP 31

PV array is expected to produce the following glare for this receptor:

- 434 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 8: OP 32

No glare found

PV array 8: OP 33

No glare found

PV array 8: OP 34

No glare found

PV array 8: OP 35

No glare found

PV array 8: OP 36

No glare found

PV array 8: OP 37

No glare found

PV array 8: OP 38

No glare found

PV array 8: OP 39

No glare found

PV array 8: OP 40

No glare found

PV array 8: OP 41

No glare found

PV array 8: OP 42

No glare found

PV array 8: OP 43

No glare found

PV array 8: OP 44

No glare found

PV array 8: OP 45

No glare found

PV array 8: OP 46

No glare found

PV array 8: OP 47

No glare found

PV array 8: OP 48

No glare found

PV array 8: OP 49

No glare found

PV array 8: OP 50

No glare found

PV array 8: OP 51

No glare found

PV array 8: OP 52

No glare found

PV array 8: OP 53

No glare found

PV array 8: OP 54

No glare found

PV array 8: OP 55

No glare found

PV array 8: OP 56

No glare found

PV array 8: OP 57

No glare found

PV array 8: OP 58

No glare found

PV array 8: OP 59

No glare found

PV array 8: OP 60

No glare found

PV array 8: OP 61

No glare found

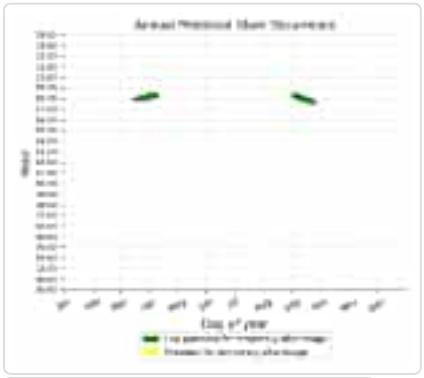
PV array 8: OP 62

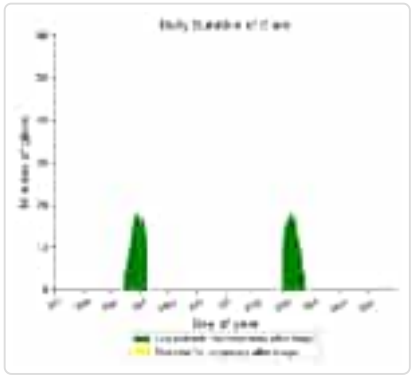
No glare found

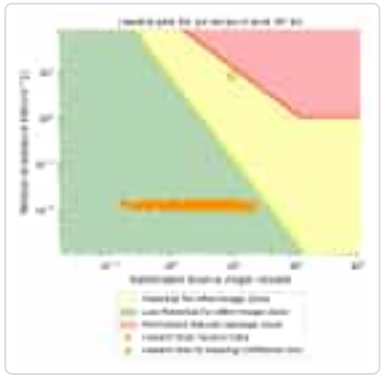
PV array 8: OP 63

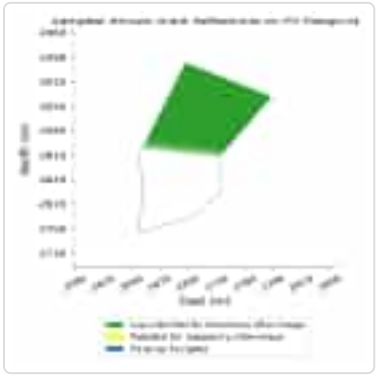
PV array is expected to produce the following glare for this receptor:

- 665 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





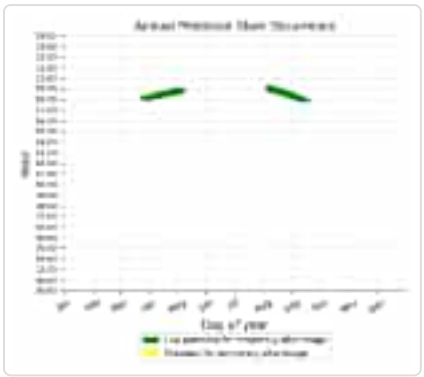


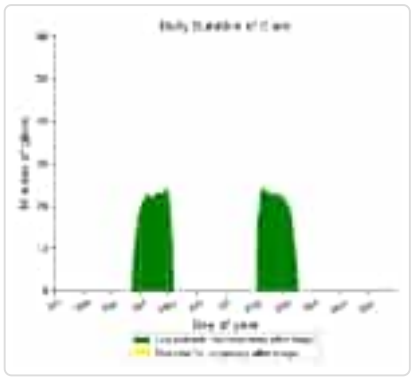


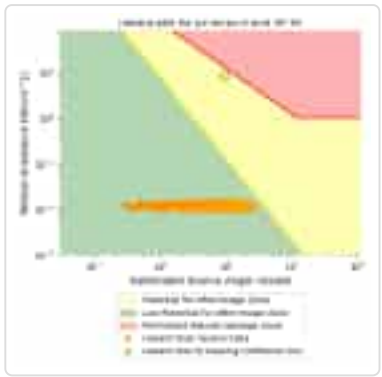
PV array 8: OP 64

PV array is expected to produce the following glare for this receptor:

- 1,788 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



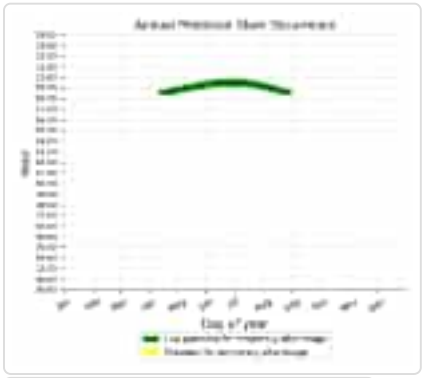


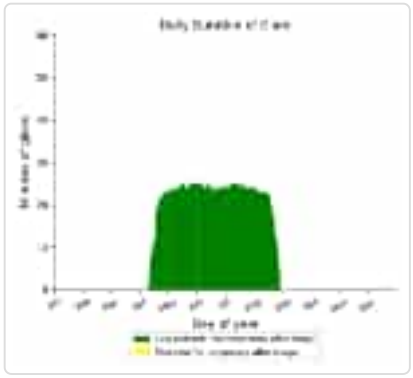


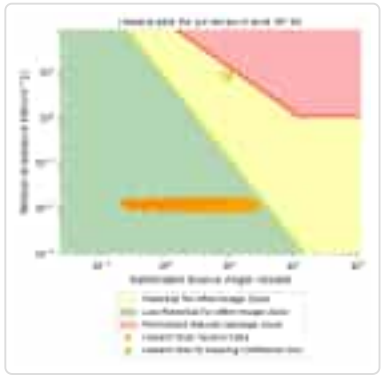
PV array 8: OP 65

PV array is expected to produce the following glare for this receptor:

- 3,137 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



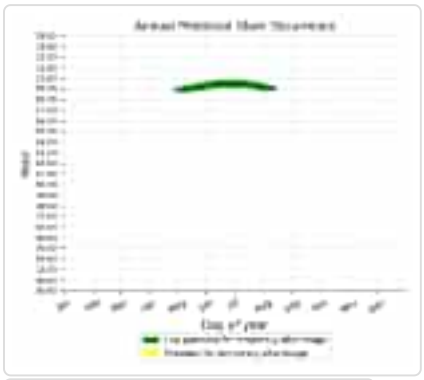


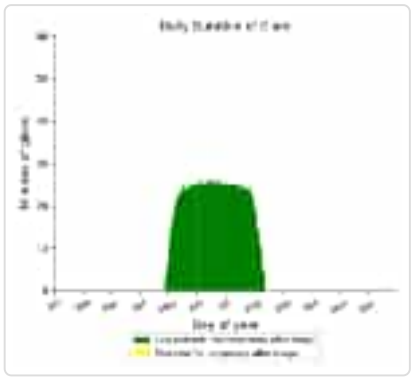


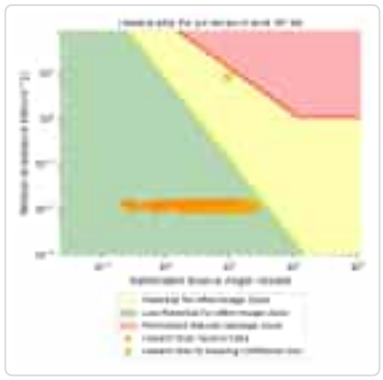
PV array 8: OP 66

PV array is expected to produce the following glare for this receptor:

- 2,357 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



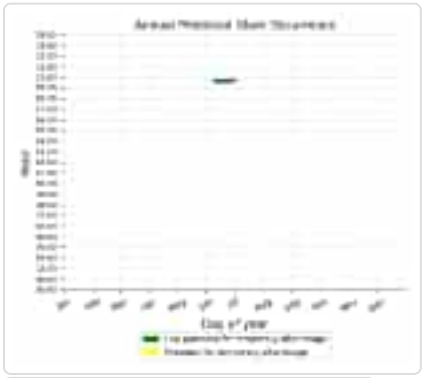


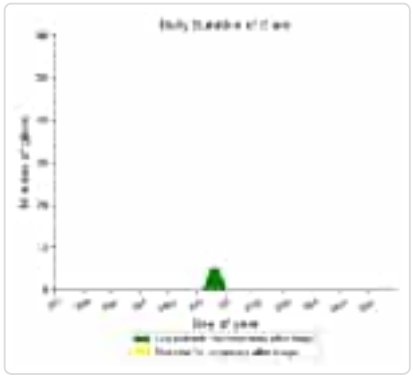


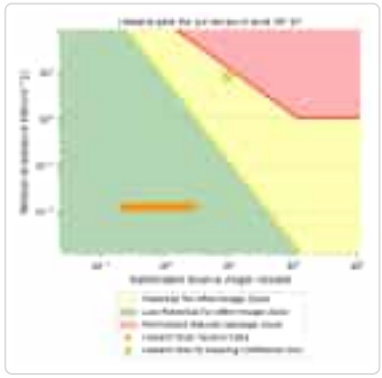
PV array 8: OP 67

PV array is expected to produce the following glare for this receptor:

- 88 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 8: OP 68

No glare found

PV array 8: OP 69

No glare found

PV array 8: OP 70

No glare found

PV array 8: OP 71

No glare found

PV array 8: OP 72

No glare found

PV array 8: OP 73

No glare found

PV array 9 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0

OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	2020	0
OP: OP 18	0	0
OP: OP 19	520	555
OP: OP 20	2096	225
OP: OP 21	761	986
OP: OP 22	1588	173
OP: OP 23	995	0
OP: OP 24	325	0
OP: OP 25	150	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	222	0
OP: OP 30	184	0
OP: OP 31	91	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	2113	229
OP: OP 48	941	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0

OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	182	0
OP: OP 68	883	0
OP: OP 69	1166	0
OP: OP 70	1831	0
OP: OP 71	2324	0
OP: OP 72	1670	0
OP: OP 73	483	0

PV array 9: OP 1

No glare found

PV array 9: OP 2

No glare found

PV array 9: OP 3

No glare found

PV array 9: OP 4

No glare found

PV array 9: OP 5

No glare found

PV array 9: OP 6

No glare found

PV array 9: OP 7

No glare found

PV array 9: OP 8

No glare found

PV array 9: OP 9

No glare found

PV array 9: OP 10

No glare found

PV array 9: OP 11

No glare found

PV array 9: OP 12

No glare found

PV array 9: OP 13

No glare found

PV array 9: OP 14

No glare found

PV array 9: OP 15

No glare found

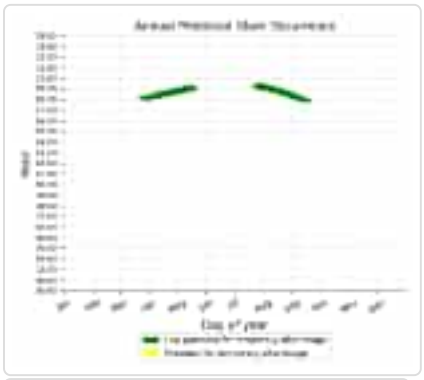
PV array 9: OP 16

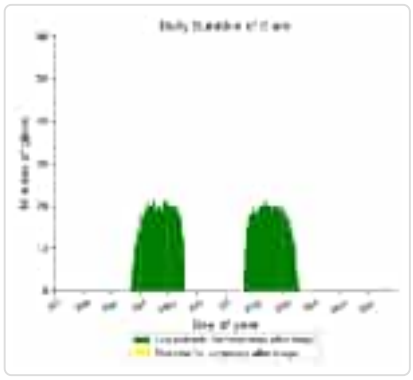
No glare found

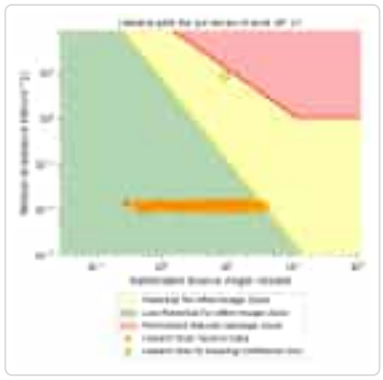
PV array 9: OP 17

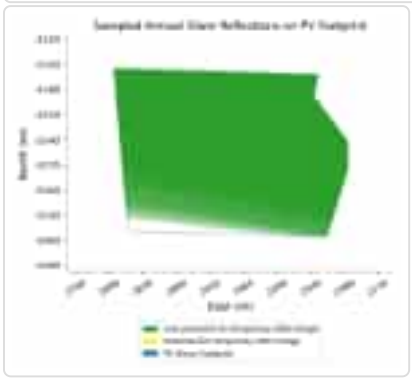
PV array is expected to produce the following glare for this receptor:

- 2,020 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









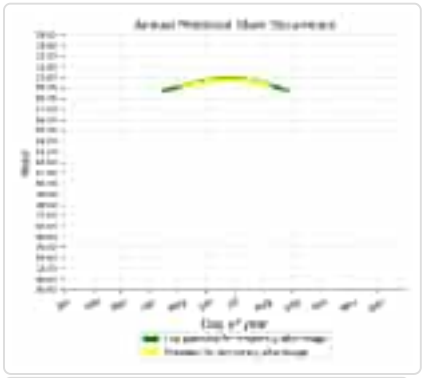
PV array 9: OP 18

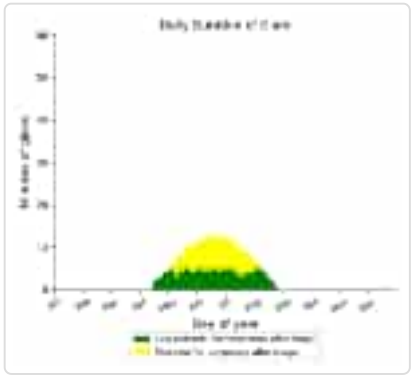
No glare found

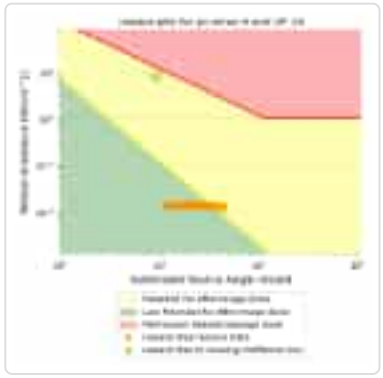
PV array 9: OP 19

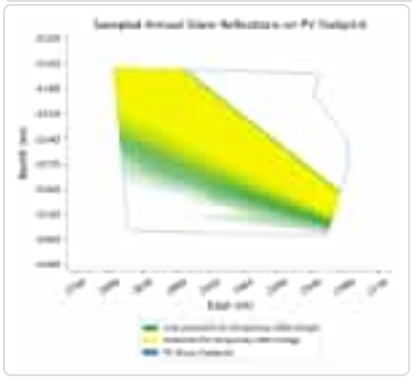
PV array is expected to produce the following glare for this receptor:

- 520 minutes of "green" glare with low potential to cause temporary after-image.
- 555 minutes of "yellow" glare with potential to cause temporary after-image.





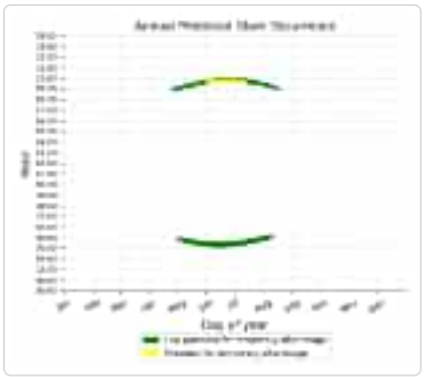


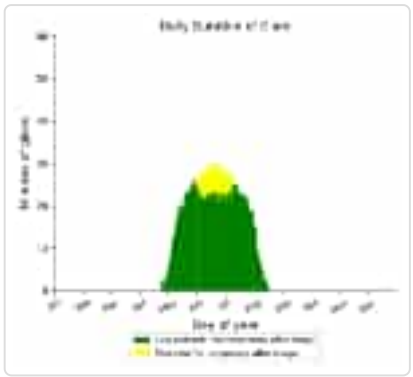


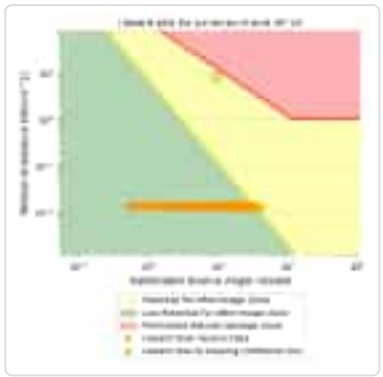
PV array 9: OP 20

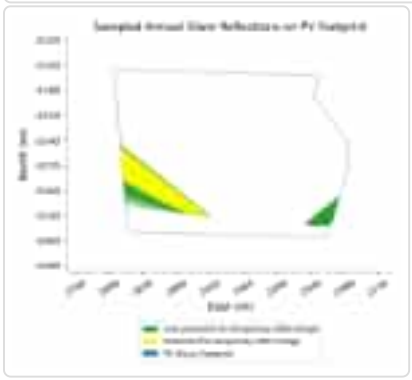
PV array is expected to produce the following glare for this receptor:

- 2,096 minutes of "green" glare with low potential to cause temporary after-image.
- 225 minutes of "yellow" glare with potential to cause temporary after-image.





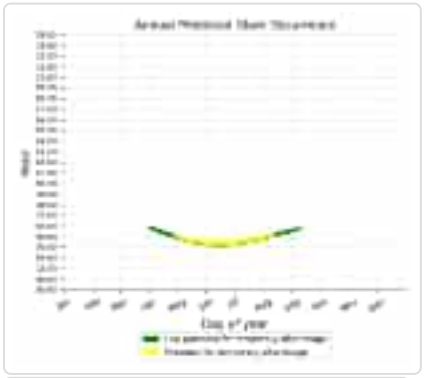


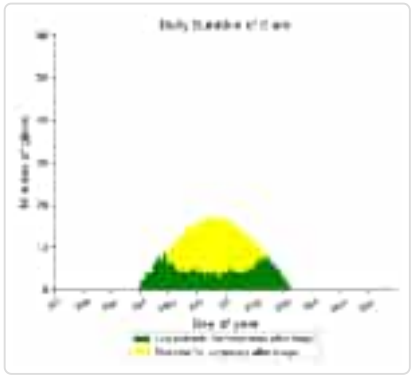


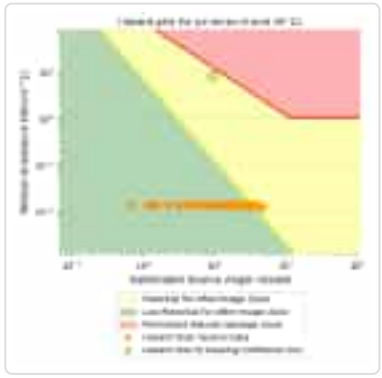
PV array 9: OP 21

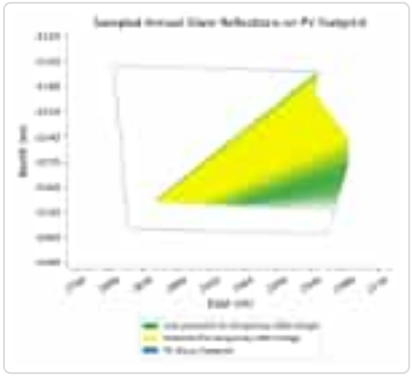
PV array is expected to produce the following glare for this receptor:

- 761 minutes of "green" glare with low potential to cause temporary after-image.
- 986 minutes of "yellow" glare with potential to cause temporary after-image.





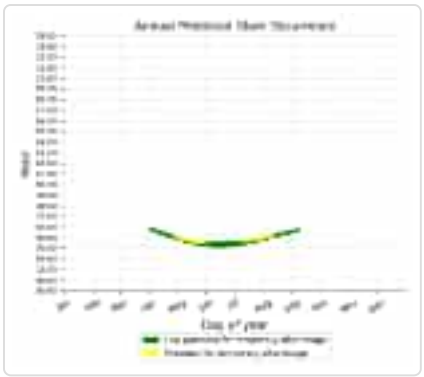


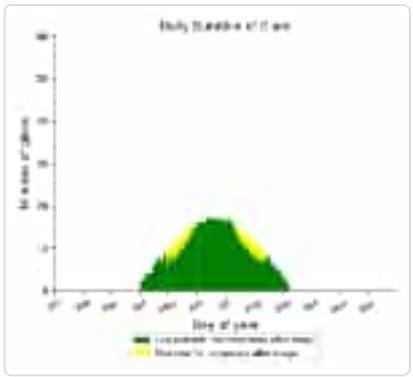


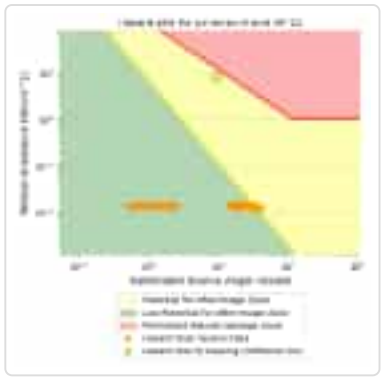
PV array 9: OP 22

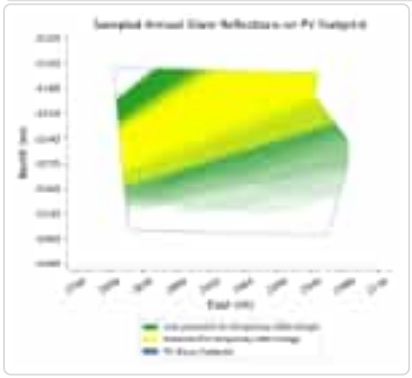
PV array is expected to produce the following glare for this receptor:

- 1,588 minutes of "green" glare with low potential to cause temporary after-image.
- 173 minutes of "yellow" glare with potential to cause temporary after-image.





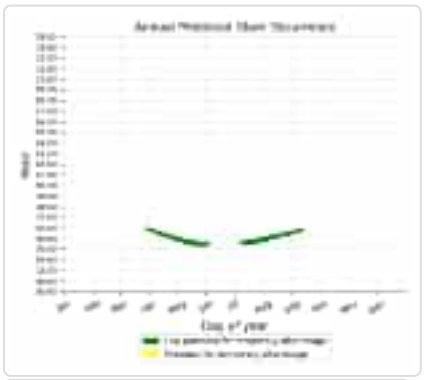


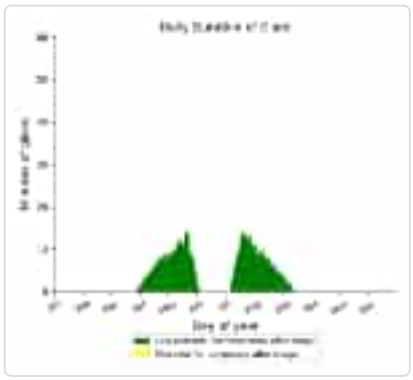


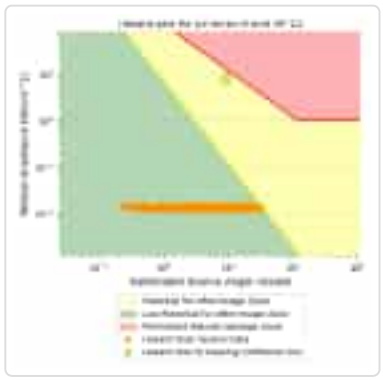
PV array 9: OP 23

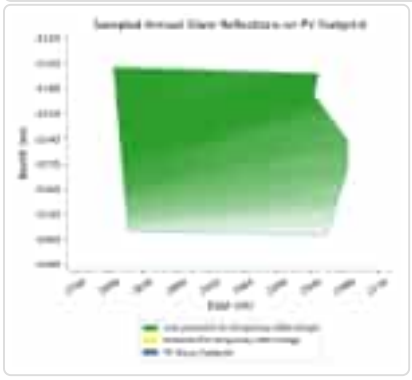
PV array is expected to produce the following glare for this receptor:

- 995 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





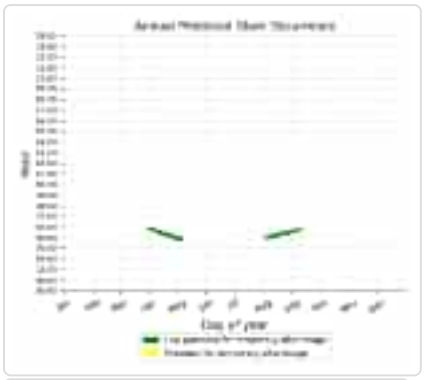


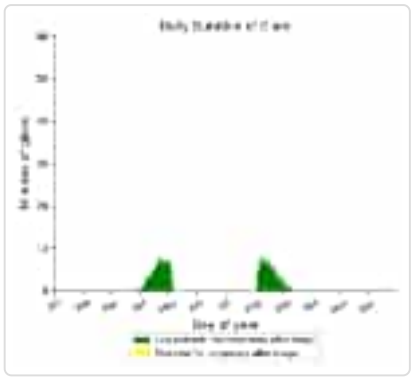


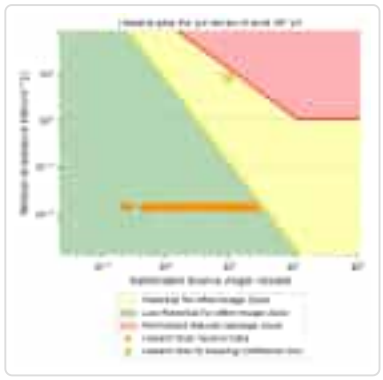
PV array 9: OP 24

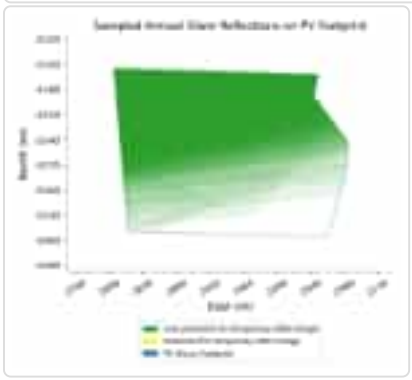
PV array is expected to produce the following glare for this receptor:

- 325 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





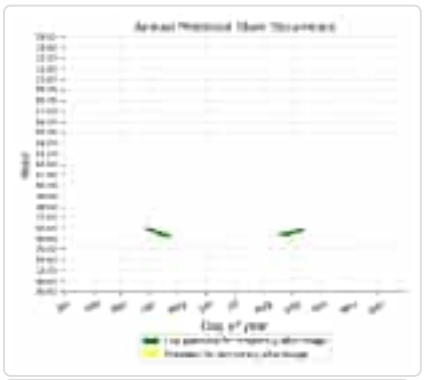


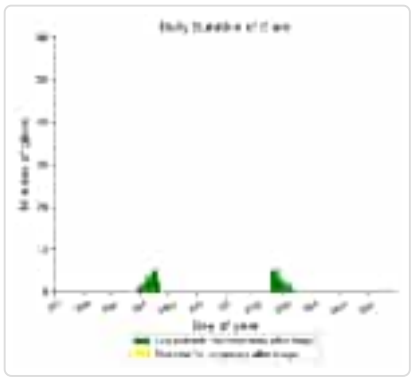


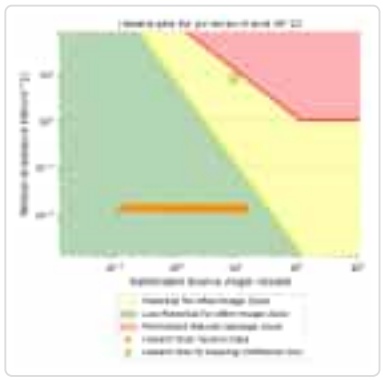
PV array 9: OP 25

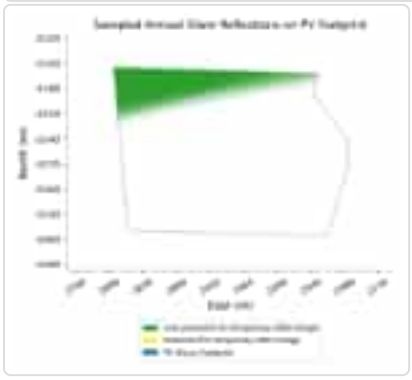
PV array is expected to produce the following glare for this receptor:

- 150 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 26

No glare found

PV array 9: OP 27

No glare found

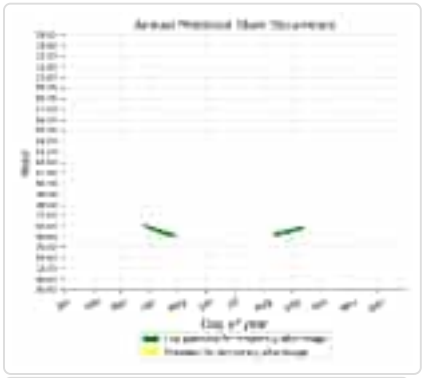
PV array 9: OP 28

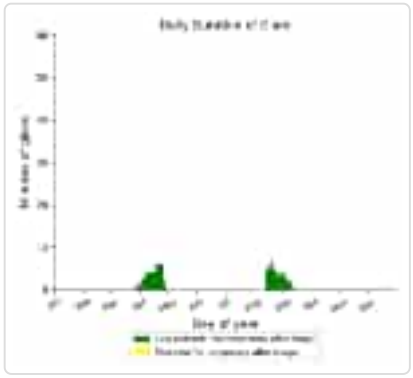
No glare found

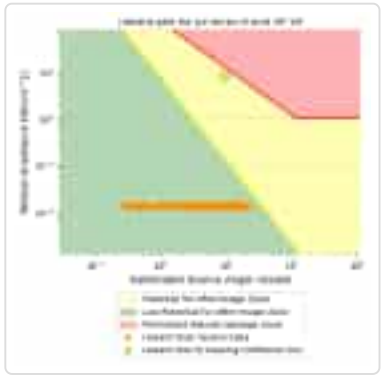
PV array 9: OP 29

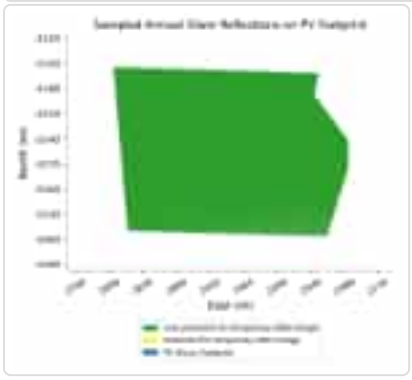
PV array is expected to produce the following glare for this receptor:

- 222 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





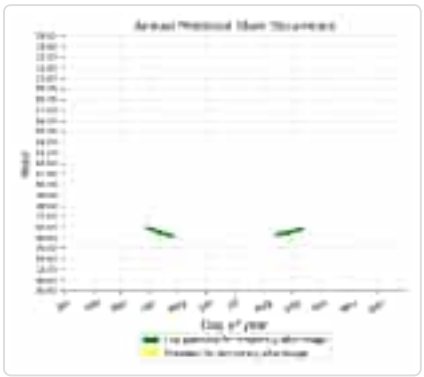


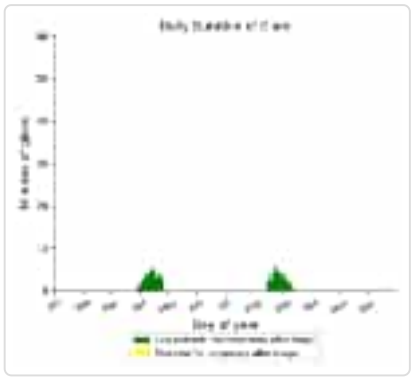


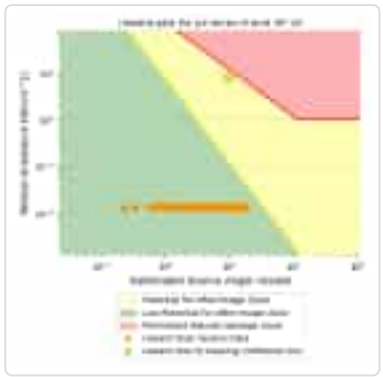
PV array 9: OP 30

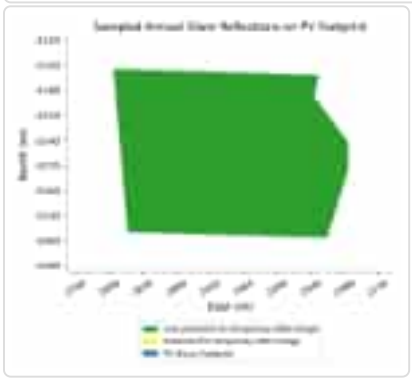
PV array is expected to produce the following glare for this receptor:

- 184 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





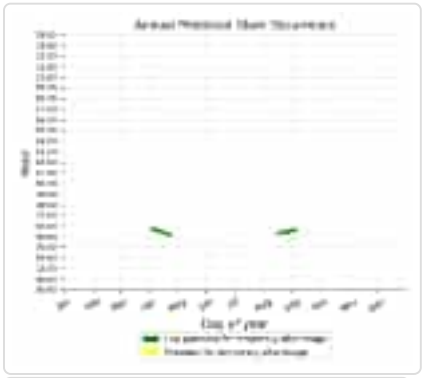


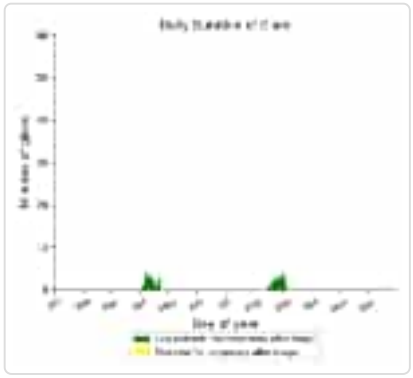


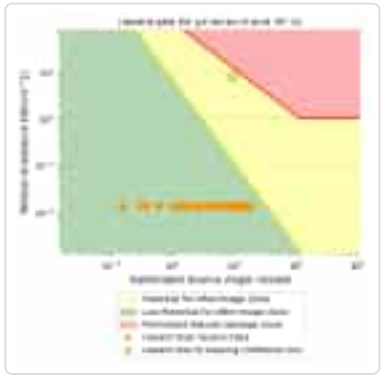
PV array 9: OP 31

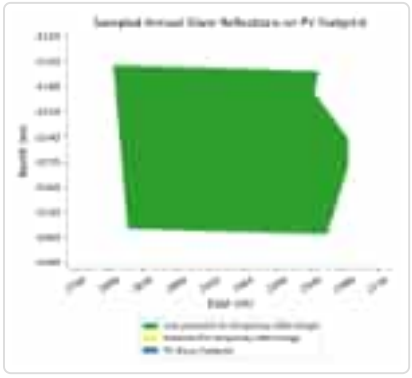
PV array is expected to produce the following glare for this receptor:

- 91 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 32

No glare found

PV array 9: OP 33

No glare found

PV array 9: OP 34

No glare found

PV array 9: OP 35

No glare found

PV array 9: OP 36

No glare found

PV array 9: OP 37

No glare found

PV array 9: OP 38

No glare found

PV array 9: OP 39

No glare found

PV array 9: OP 40

No glare found

PV array 9: OP 41

No glare found

PV array 9: OP 42

No glare found

PV array 9: OP 43

No glare found

PV array 9: OP 44

No glare found

PV array 9: OP 45

No glare found

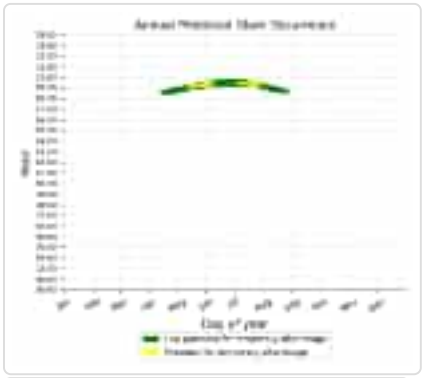
PV array 9: OP 46

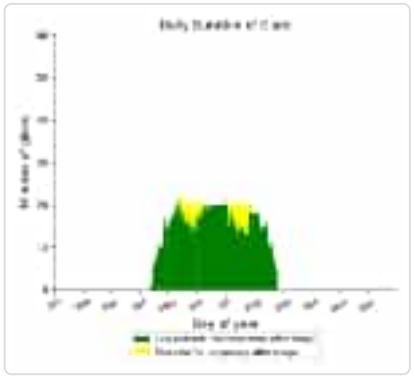
No glare found

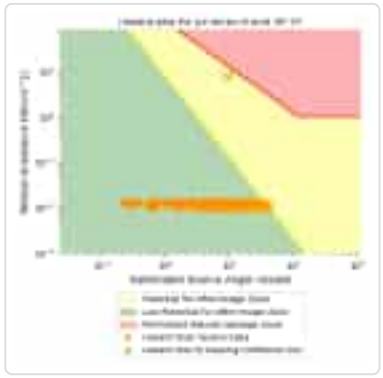
PV array 9: OP 47

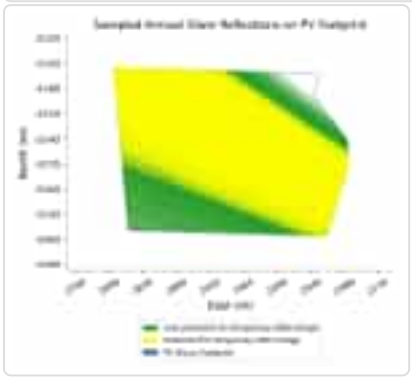
PV array is expected to produce the following glare for this receptor:

- 2,113 minutes of "green" glare with low potential to cause temporary after-image.
- 229 minutes of "yellow" glare with potential to cause temporary after-image.





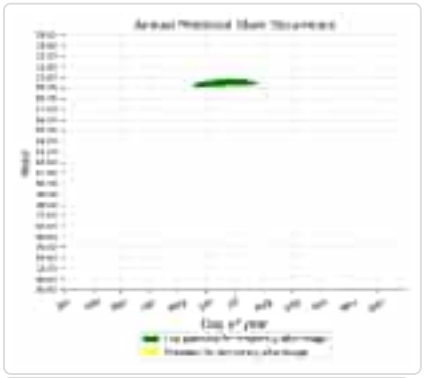


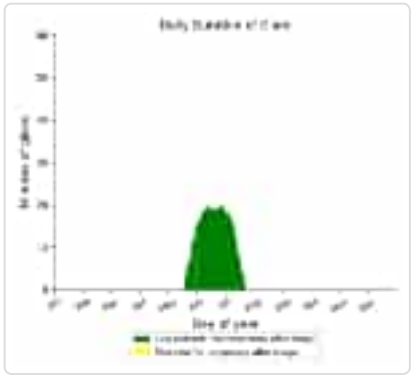


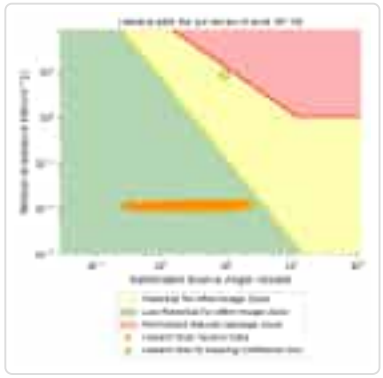
PV array 9: OP 48

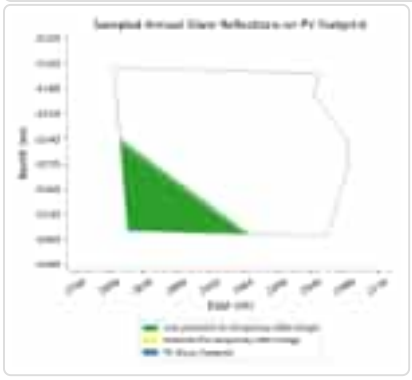
PV array is expected to produce the following glare for this receptor:

- 941 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 49

No glare found

PV array 9: OP 50

No glare found

PV array 9: OP 51

No glare found

PV array 9: OP 52

No glare found

PV array 9: OP 53

No glare found

PV array 9: OP 54

No glare found

PV array 9: OP 55

No glare found

PV array 9: OP 56

No glare found

PV array 9: OP 57

No glare found

PV array 9: OP 58

No glare found

PV array 9: OP 59

No glare found

PV array 9: OP 60

No glare found

PV array 9: OP 61

No glare found

PV array 9: OP 62

No glare found

PV array 9: OP 63

No glare found

PV array 9: OP 64

No glare found

PV array 9: OP 65

No glare found

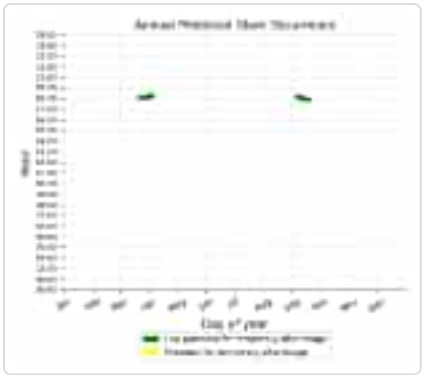
PV array 9: OP 66

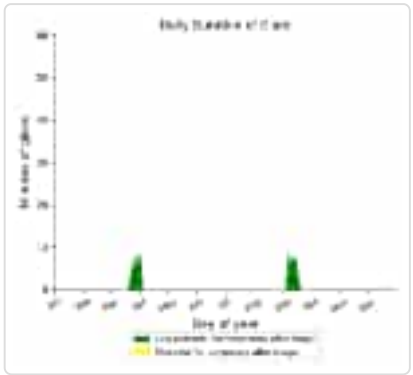
No glare found

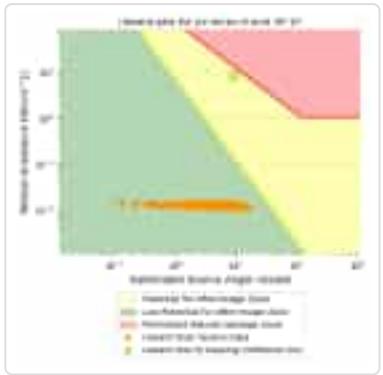
PV array 9: OP 67

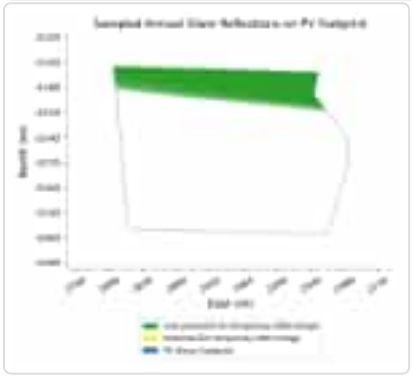
PV array is expected to produce the following glare for this receptor:

- 182 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





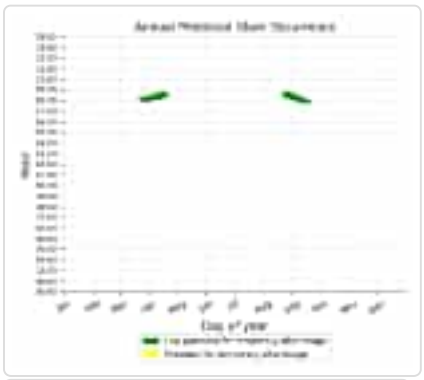


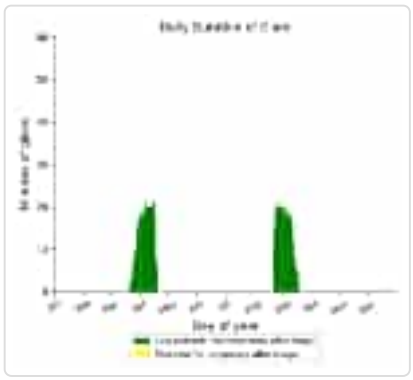


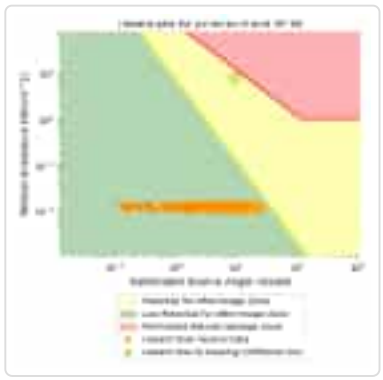
PV array 9: OP 68

PV array is expected to produce the following glare for this receptor:

- 883 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



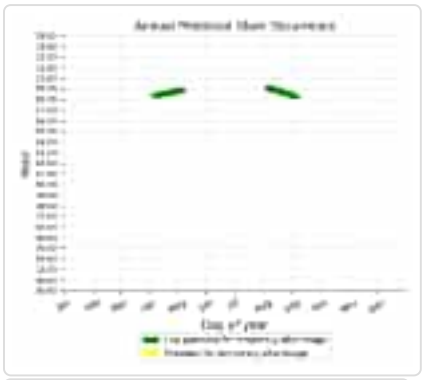


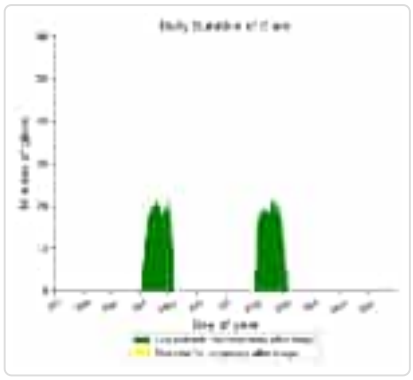


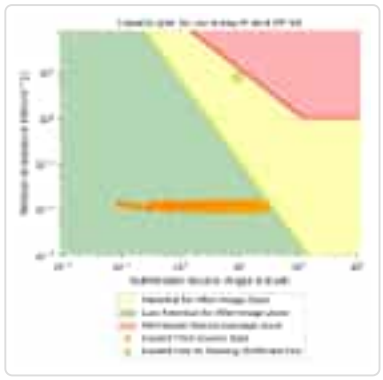
PV array 9: OP 69

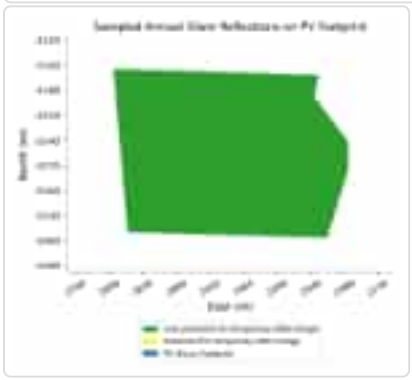
PV array is expected to produce the following glare for this receptor:

- 1,166 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





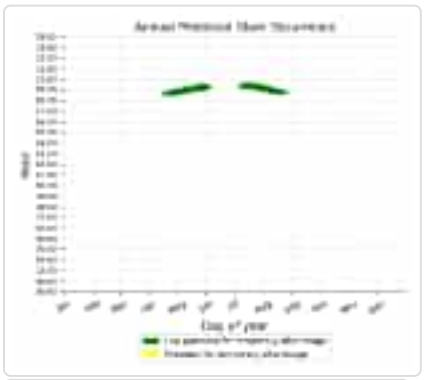


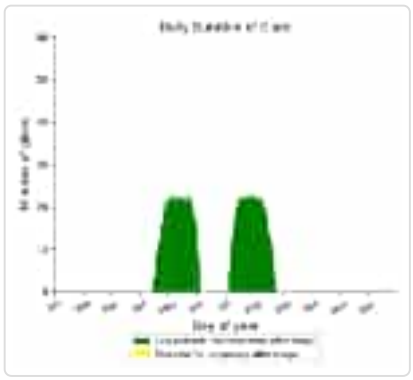


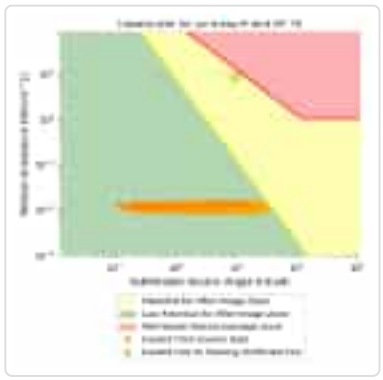
PV array 9: OP 70

PV array is expected to produce the following glare for this receptor:

- 1,831 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



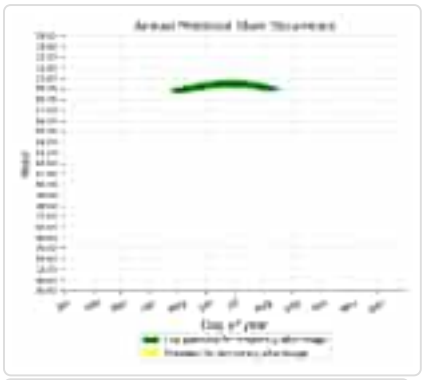


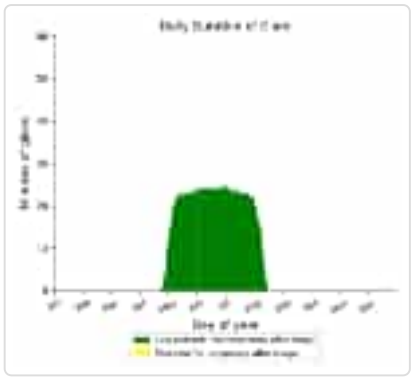


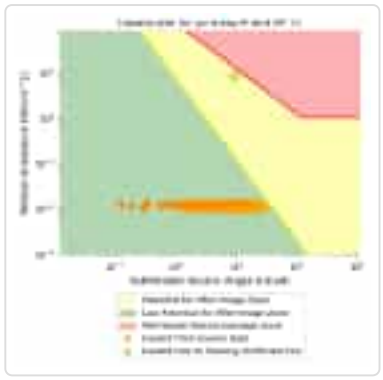
PV array 9: OP 71

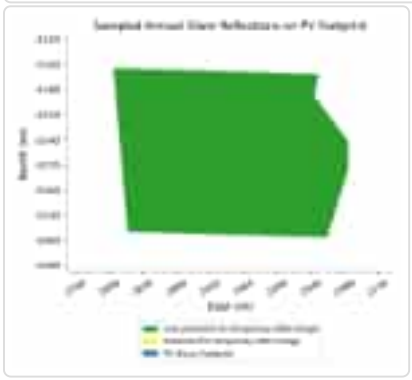
PV array is expected to produce the following glare for this receptor:

- 2,324 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





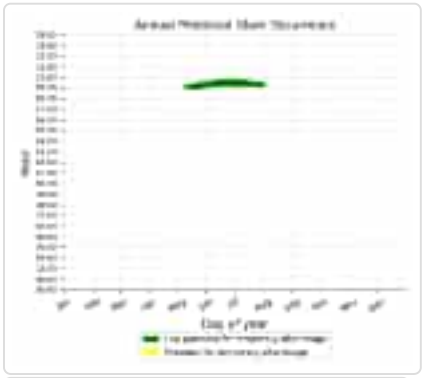


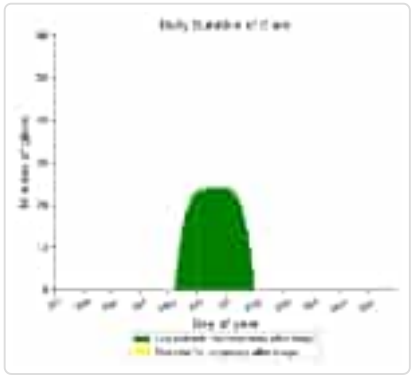


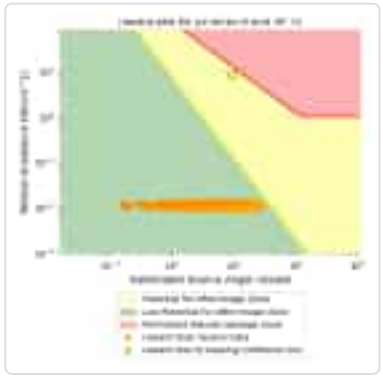
PV array 9: OP 72

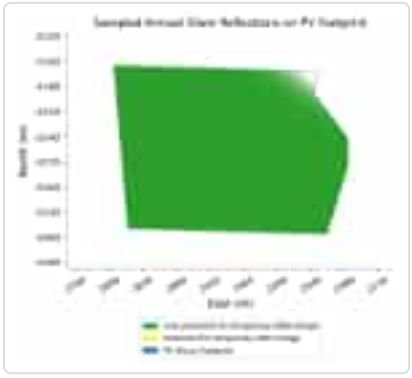
PV array is expected to produce the following glare for this receptor:

- 1,670 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





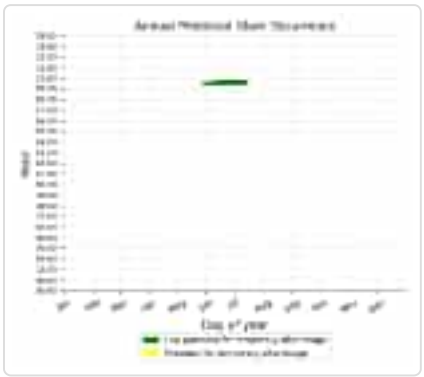


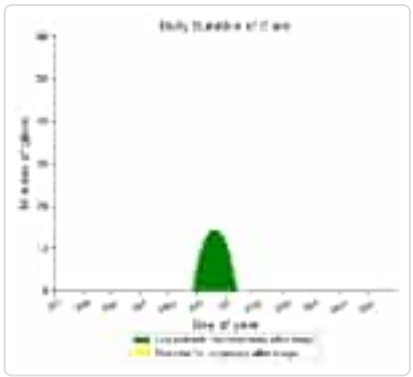


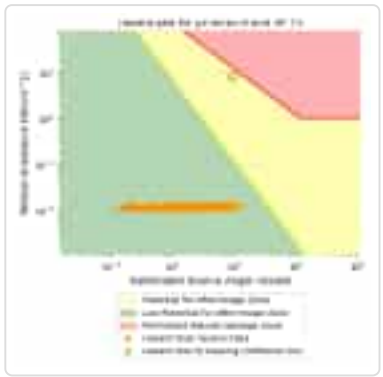
PV array 9: OP 73

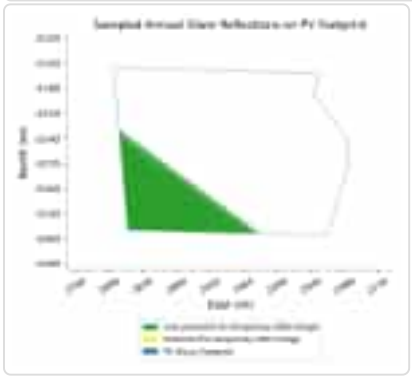
PV array is expected to produce the following glare for this receptor:

- 483 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Fosse Green Solar Farm

Fosse Green SF Road Group C 5 Degrees

Created Jan 12, 2024
Updated Sep 03, 2024
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 109586.18719

Project type Advanced
Project status: active
Category 10 MW to 100 MW

Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
PV array 1	5.0	180.0	0	0	-
PV array 10	5.0	180.0	9,773	0	-
PV array 11	5.0	180.0	30,688	4	-
PV array 12	5.0	180.0	41,168	0	-
PV array 13	5.0	180.0	169,248	105,870	-
PV array 14	5.0	180.0	49,468	881	-
PV array 15	5.0	180.0	34,068	1,766	-
PV array 2	5.0	180.0	0	0	-
PV array 3	5.0	180.0	21	0	-
PV array 4	5.0	180.0	0	0	-
PV array 5	5.0	180.0	0	0	-
PV array 6	5.0	180.0	0	0	-
PV array 7	5.0	180.0	3,846	0	-
PV array 8	5.0	180.0	898	0	-
PV array 9	5.0	180.0	12,104	0	-

Component Data

PV Array(s)

Total PV footprint area: 5,162,520 m^2

Name: PV array 1
Footprint area: 534,233 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.173327	-0.683693	15.22	3.50	18.72
2	53.171796	-0.684143	15.03	3.50	18.53
3	53.171552	-0.683478	15.19	3.50	18.69
4	53.171127	-0.682985	15.98	3.50	19.48
5	53.169712	-0.681805	15.00	3.50	18.50
6	53.168092	-0.681418	16.50	3.50	20.00
7	53.167989	-0.682362	16.00	3.50	19.50
8	53.167616	-0.682427	15.86	3.50	19.36
9	53.166844	-0.682749	16.00	3.50	19.50
10	53.166574	-0.682985	16.00	3.50	19.50
11	53.166123	-0.682920	16.00	3.50	19.50
12	53.166394	-0.680345	17.00	3.50	20.50
13	53.166741	-0.680410	16.40	3.50	19.90
14	53.166831	-0.679530	17.48	3.50	20.98
15	53.167320	-0.679659	17.17	3.50	20.67
16	53.167564	-0.677277	20.64	3.50	24.14
17	53.166522	-0.676741	20.78	3.50	24.28
18	53.164593	-0.675024	20.02	3.50	23.52
19	53.163010	-0.673672	18.14	3.50	21.64
20	53.162869	-0.672857	19.04	3.50	22.54
21	53.163088	-0.672084	19.80	3.50	23.30
22	53.163679	-0.671333	23.18	3.50	26.68
23	53.165403	-0.672857	27.63	3.50	31.13
24	53.165648	-0.671870	30.61	3.50	34.11
25	53.166458	-0.671269	32.00	3.50	35.50
26	53.166857	-0.671569	31.99	3.50	35.49
27	53.167847	-0.667406	24.66	3.50	28.16
28	53.169468	-0.666720	25.10	3.50	28.60
29	53.169031	-0.668608	27.89	3.50	31.39
30	53.169198	-0.670067	30.98	3.50	34.48
31	53.169982	-0.673629	26.94	3.50	30.44
32	53.170246	-0.673758	26.58	3.50	30.08
33	53.171294	-0.673125	28.40	3.50	31.90
34	53.171745	-0.672299	30.82	3.50	34.32
35	53.172105	-0.674048	26.50	3.50	30.00
36	53.171674	-0.675957	22.65	3.50	26.15
37	53.171507	-0.677599	22.08	3.50	25.58
38	53.171629	-0.678414	22.99	3.50	26.49
39	53.171918	-0.678833	24.21	3.50	27.71
40	53.171809	-0.679283	22.62	3.50	26.12
41	53.171449	-0.679391	20.48	3.50	23.98
42	53.170838	-0.677985	18.51	3.50	22.01
43	53.170593	-0.678028	17.96	3.50	21.46
44	53.170606	-0.678200	17.83	3.50	21.33
45	53.171372	-0.679906	19.18	3.50	22.68
46	53.171249	-0.681719	17.42	3.50	20.92
47	53.171378	-0.681955	17.27	3.50	20.77
48	53.171333	-0.682395	16.56	3.50	20.06
49	53.171597	-0.682502	16.79	3.50	20.29
50	53.173384	-0.681622	18.75	3.50	22.25

Name: PV array 10
Footprint area: 185,320 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.150798	-0.633966	8.64	3.50	12.14
2	53.150219	-0.635436	8.34	3.50	11.84
3	53.150026	-0.636744	8.28	3.50	11.78
4	53.148983	-0.636744	9.89	3.50	13.39
5	53.148803	-0.636862	10.13	3.50	13.63
6	53.148829	-0.637045	9.76	3.50	13.26
7	53.147420	-0.637957	10.19	3.50	13.69
8	53.146461	-0.637796	10.65	3.50	14.15
9	53.146126	-0.637302	11.44	3.50	14.94
10	53.145875	-0.635146	9.74	3.50	13.24
11	53.145566	-0.635264	9.14	3.50	12.64
12	53.145451	-0.635843	9.42	3.50	12.92
13	53.145142	-0.635951	9.94	3.50	13.44
14	53.144987	-0.634910	11.54	3.50	15.04
15	53.144637	-0.634278	12.00	3.50	15.50
16	53.143968	-0.633344	12.41	3.50	15.91
17	53.144200	-0.633280	11.84	3.50	15.34
18	53.144953	-0.632754	9.97	3.50	13.47
19	53.145828	-0.631949	10.31	3.50	13.81
20	53.146497	-0.631509	11.15	3.50	14.65
21	53.147668	-0.633848	12.51	3.50	16.01
22	53.148395	-0.633344	12.81	3.50	16.31
23	53.148254	-0.632947	13.08	3.50	16.58
24	53.148910	-0.632035	13.05	3.50	16.55
25	53.149148	-0.632604	13.03	3.50	16.53
26	53.149631	-0.631853	12.49	3.50	15.99

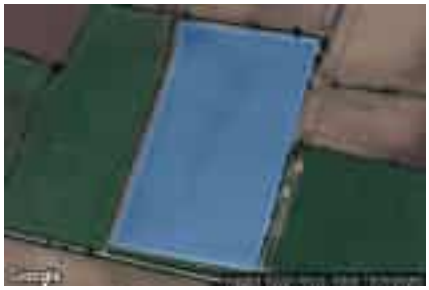
Name: PV array 11
Footprint area: 717,969 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.148506	-0.631749	13.14	3.50	16.64
2	53.147850	-0.632704	12.97	3.50	16.47
3	53.147683	-0.632715	12.37	3.50	15.87
4	53.146640	-0.630945	11.20	3.50	14.70
5	53.146396	-0.630848	12.22	3.50	15.72
6	53.145637	-0.631266	12.28	3.50	15.78
7	53.144343	-0.632565	11.04	3.50	14.54
8	53.142046	-0.627951	13.11	3.50	16.61
9	53.141524	-0.626084	12.34	3.50	15.84
10	53.138596	-0.627329	13.83	3.50	17.33
11	53.138454	-0.627232	13.48	3.50	16.98
12	53.137051	-0.628370	12.96	3.50	16.46
13	53.137154	-0.629056	13.21	3.50	16.71
14	53.135919	-0.628649	14.19	3.50	17.69
15	53.135771	-0.627640	12.78	3.50	16.28
16	53.134593	-0.628456	13.03	3.50	16.53
17	53.134464	-0.624700	12.77	3.50	16.27
18	53.134618	-0.624700	12.76	3.50	16.26
19	53.134631	-0.624990	12.76	3.50	16.26
20	53.135655	-0.624947	12.58	3.50	16.08
21	53.135758	-0.626331	11.86	3.50	15.36
22	53.136112	-0.626567	11.92	3.50	15.42
23	53.136549	-0.625162	10.74	3.50	14.24
24	53.136717	-0.625055	10.13	3.50	13.63
25	53.136652	-0.624636	10.38	3.50	13.88
26	53.137450	-0.624089	10.03	3.50	13.53
27	53.135830	-0.616790	7.11	3.50	10.61
28	53.136200	-0.615960	6.99	3.50	10.49
29	53.137240	-0.614930	7.15	3.50	10.65
30	53.137620	-0.615710	7.24	3.50	10.74
31	53.137860	-0.615550	7.38	3.50	10.88
32	53.137990	-0.614730	7.14	3.50	10.64
33	53.139105	-0.617426	7.93	3.50	11.43
34	53.139800	-0.619754	11.05	3.50	14.55
35	53.141717	-0.618682	9.38	3.50	12.88
36	53.142129	-0.620227	11.21	3.50	14.71
37	53.142007	-0.620323	10.80	3.50	14.30
38	53.142541	-0.622211	11.19	3.50	14.69
39	53.144034	-0.620784	11.76	3.50	15.26
40	53.144607	-0.623563	11.92	3.50	15.42
41	53.145591	-0.624582	12.63	3.50	16.13
42	53.145044	-0.625248	12.90	3.50	16.40
43	53.145077	-0.625666	12.28	3.50	15.78
44	53.146634	-0.628348	11.72	3.50	15.22
45	53.146808	-0.628220	12.16	3.50	15.66
46	53.148268	-0.630762	12.11	3.50	15.61
47	53.148101	-0.631030	11.92	3.50	15.42

Name: PV array 12
Footprint area: 73,115 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.136228	-0.613414	8.07	3.50	11.57
2	53.135854	-0.613478	8.46	3.50	11.96
3	53.133222	-0.614980	9.82	3.50	13.32
4	53.132887	-0.611772	10.64	3.50	14.14
5	53.135977	-0.610335	9.13	3.50	12.63

Name: PV array 13
Footprint area: 716,458 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.135585	-0.658160	11.48	3.50	14.98
2	53.136461	-0.665906	14.75	3.50	18.25
3	53.130642	-0.667945	14.56	3.50	18.06
4	53.130333	-0.666357	13.81	3.50	17.31
5	53.128440	-0.666872	14.86	3.50	18.36
6	53.128582	-0.668717	14.77	3.50	18.27
7	53.128273	-0.668782	14.57	3.50	18.07
8	53.128131	-0.667301	14.49	3.50	17.99
9	53.125730	-0.667666	13.07	3.50	16.57
10	53.125710	-0.667945	12.94	3.50	16.44
11	53.124455	-0.667505	13.19	3.50	16.69
12	53.124558	-0.666711	12.70	3.50	16.20
13	53.123380	-0.665788	11.31	3.50	14.81
14	53.123457	-0.665370	11.00	3.50	14.50
15	53.123122	-0.665220	12.04	3.50	15.54
16	53.123476	-0.663514	13.15	3.50	16.65
17	53.124365	-0.661776	13.29	3.50	16.79
18	53.124571	-0.660832	13.96	3.50	17.46
19	53.125067	-0.660220	13.10	3.50	16.60
20	53.126410	-0.656650	11.66	3.50	15.16
21	53.126650	-0.656260	11.38	3.50	14.88
22	53.126960	-0.656270	11.65	3.50	15.15
23	53.127180	-0.656070	12.25	3.50	15.75
24	53.127600	-0.659050	12.08	3.50	15.58
25	53.128790	-0.658920	13.52	3.50	17.02
26	53.129280	-0.661440	14.94	3.50	18.44
27	53.131090	-0.659840	194.90	3.50	198.40
28	53.131520	-0.659500	14.40	3.50	17.90
29	53.132320	-0.658860	12.70	3.50	16.20
30	53.133270	-0.657930	12.71	3.50	16.21
31	53.133345	-0.658664	11.01	3.50	14.51

Name: PV array 14
Footprint area: 209,668 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132660	-0.653180	10.42	3.50	13.92
2	53.132070	-0.653360	10.23	3.50	13.73
3	53.131511	-0.653075	11.28	3.50	14.78
4	53.130770	-0.652409	10.38	3.50	13.88
5	53.130352	-0.650049	9.94	3.50	13.44
6	53.130095	-0.649556	9.85	3.50	13.35
7	53.130275	-0.649255	10.71	3.50	14.21
8	53.132390	-0.648020	11.38	3.50	14.88
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58

16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38

Name: PV array 15
Footprint area: 78,226 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132772	-0.647378	9.94	3.50	13.44
2	53.130056	-0.648847	10.80	3.50	14.30
3	53.129882	-0.649255	9.89	3.50	13.39
4	53.129303	-0.648847	10.80	3.50	14.30
5	53.128942	-0.648858	10.87	3.50	14.37
6	53.128884	-0.648418	11.51	3.50	15.01
7	53.128311	-0.648386	11.43	3.50	14.93
8	53.128105	-0.646884	11.40	3.50	14.90
9	53.130622	-0.645758	10.83	3.50	14.33
10	53.130700	-0.646122	11.65	3.50	15.15
11	53.131298	-0.645768	10.18	3.50	13.68
12	53.132410	-0.645330	9.00	3.50	12.50

Name: PV array 2
Footprint area: 606,601 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.179699	-0.666763	17.74	3.50	21.24
2	53.179108	-0.670067	20.15	3.50	23.65
3	53.176523	-0.668029	19.69	3.50	23.19
4	53.174220	-0.666891	26.06	3.50	29.56
5	53.174465	-0.660669	17.80	3.50	21.30
6	53.172497	-0.660755	16.16	3.50	19.66
7	53.172510	-0.661355	17.14	3.50	20.64
8	53.172960	-0.661484	17.29	3.50	20.79
9	53.173230	-0.666677	24.28	3.50	27.78
10	53.172175	-0.666226	20.97	3.50	24.47
11	53.171823	-0.664919	19.69	3.50	23.19
12	53.171714	-0.664865	19.72	3.50	23.22
13	53.170968	-0.662526	18.08	3.50	21.58
14	53.170357	-0.661797	17.29	3.50	20.79
15	53.174293	-0.653523	13.69	3.50	17.19
16	53.178283	-0.655459	15.69	3.50	19.19
17	53.179363	-0.655588	13.41	3.50	16.91
18	53.178051	-0.662519	19.70	3.50	23.20
19	53.177884	-0.665737	19.63	3.50	23.13

Name: PV array 3
Footprint area: 680,123 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.162240	-0.675330	17.88	3.50	21.38
2	53.159340	-0.671810	16.96	3.50	20.46
3	53.159790	-0.670480	16.50	3.50	20.00
4	53.160860	-0.668250	17.83	3.50	21.33
5	53.160420	-0.666810	17.26	3.50	20.76
6	53.159450	-0.669110	15.52	3.50	19.02
7	53.159860	-0.669750	15.96	3.50	19.46
8	53.159140	-0.671710	16.90	3.50	20.40
9	53.158240	-0.670650	16.68	3.50	20.18
10	53.158390	-0.670070	16.02	3.50	19.52
11	53.157840	-0.668790	15.77	3.50	19.27
12	53.159770	-0.664130	19.42	3.50	22.92
13	53.159920	-0.664410	18.34	3.50	21.84
14	53.160980	-0.661830	24.57	3.50	28.07
15	53.161160	-0.662010	24.26	3.50	27.76
16	53.161290	-0.661640	25.79	3.50	29.29
17	53.161160	-0.661450	26.00	3.50	29.50
18	53.162190	-0.659350	26.37	3.50	29.87
19	53.162080	-0.658850	26.32	3.50	29.82
20	53.162600	-0.657690	27.46	3.50	30.96
21	53.165690	-0.658340	22.77	3.50	26.27
22	53.165920	-0.658980	21.27	3.50	24.77
23	53.166210	-0.659430	20.99	3.50	24.49
24	53.165960	-0.661020	21.23	3.50	24.73
25	53.167980	-0.662370	18.26	3.50	21.76
26	53.167650	-0.663320	18.23	3.50	21.73
27	53.167500	-0.667240	23.91	3.50	27.41
28	53.164620	-0.668620	26.56	3.50	30.06
29	53.164820	-0.669520	27.49	3.50	30.99
30	53.163160	-0.671190	20.73	3.50	24.23
31	53.162730	-0.672050	18.84	3.50	22.34
32	53.162570	-0.673160	18.39	3.50	21.89
33	53.162750	-0.673700	17.85	3.50	21.35
34	53.162650	-0.674340	17.02	3.50	20.52

Name: PV array 4
Footprint area: 539,953 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.172585	-0.642585	14.81	3.50	18.31
2	53.173512	-0.648335	13.73	3.50	17.23
3	53.168740	-0.657433	17.19	3.50	20.69
4	53.168530	-0.657412	16.94	3.50	20.44
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
6	53.168300	-0.658730	18.04	3.50	21.54
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
8	53.165850	-0.657640	21.97	3.50	25.47
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
11	53.164580	-0.653290	23.23	3.50	26.73
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
14	53.167520	-0.655510	17.58	3.50	21.08
15	53.167980	-0.655110	18.44	3.50	21.94
16	53.169113	-0.651554	16.06	3.50	19.56
17	53.169113	-0.651060	15.41	3.50	18.91
18	53.168032	-0.650867	15.63	3.50	19.13
19	53.167955	-0.651597	16.07	3.50	19.57
20	53.167337	-0.651232	15.83	3.50	19.33
21	53.166077	-0.651103	19.26	3.50	22.76
22	53.166115	-0.650481	18.68	3.50	22.18

23	53.165961	-0.650181	19.78	3.50	23.28
24	53.168251	-0.644537	17.16	3.50	20.66
25	53.168920	-0.644687	16.30	3.50	19.80
26	53.170129	-0.644408	16.57	3.50	20.07
27	53.171132	-0.643754	15.25	3.50	18.75
28	53.171151	-0.643400	15.23	3.50	18.73
29	53.172000	-0.642681	14.97	3.50	18.47

Name: PV array 5
Footprint area: 85,119 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.175987	-0.638261	17.17	3.50	20.67
2	53.175962	-0.637317	17.32	3.50	20.82
3	53.175704	-0.636180	15.99	3.50	19.49
4	53.172039	-0.635257	10.34	3.50	13.84
5	53.170855	-0.638197	11.33	3.50	14.83
6	53.174251	-0.638304	12.30	3.50	15.80

Name: PV array 6
Footprint area: 178,317 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.167678	-0.644140	17.52	3.50	21.02
2	53.165556	-0.649011	19.39	3.50	22.89
3	53.164810	-0.644784	20.41	3.50	23.91
4	53.165350	-0.641716	16.27	3.50	19.77
5	53.163562	-0.640986	20.48	3.50	23.98
6	53.161902	-0.640643	22.38	3.50	25.88
7	53.159226	-0.640385	15.78	3.50	19.28
8	53.159329	-0.638197	13.14	3.50	16.64
9	53.162726	-0.638883	20.72	3.50	24.22
10	53.164115	-0.639205	17.21	3.50	20.71
11	53.165183	-0.639763	14.44	3.50	17.94
12	53.165800	-0.640707	14.81	3.50	18.31
13	53.166366	-0.642209	16.10	3.50	19.60
14	53.166971	-0.643282	16.63	3.50	20.13

Name: PV array 7
Footprint area: 492,432 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.164655	-0.651071	23.57	3.50	27.07
2	53.164218	-0.652101	24.34	3.50	27.84
3	53.163588	-0.652015	24.43	3.50	27.93
4	53.163575	-0.652466	24.10	3.50	27.60
5	53.163883	-0.652809	24.86	3.50	28.36
6	53.162790	-0.655406	26.04	3.50	29.54
7	53.162404	-0.655148	26.50	3.50	30.00
8	53.162082	-0.655835	27.39	3.50	30.89
9	53.162263	-0.656543	27.11	3.50	30.61
10	53.161516	-0.658324	26.25	3.50	29.75
11	53.158776	-0.654054	22.55	3.50	26.05
12	53.156879	-0.652104	18.45	3.50	21.95
13	53.156840	-0.650806	17.85	3.50	21.35
14	53.156634	-0.650474	16.75	3.50	20.25
15	53.155412	-0.650935	12.99	3.50	16.49
16	53.155245	-0.650441	12.47	3.50	15.97
17	53.154428	-0.650484	11.62	3.50	15.12
18	53.152317	-0.650581	10.82	3.50	14.32
19	53.151545	-0.650656	11.68	3.50	15.18
20	53.151481	-0.651761	11.49	3.50	14.99
21	53.151159	-0.651729	12.56	3.50	16.06
22	53.151178	-0.650924	12.32	3.50	15.82
23	53.150863	-0.650624	12.97	3.50	16.47
24	53.149042	-0.650581	13.39	3.50	16.89
25	53.149113	-0.652083	14.82	3.50	18.32
26	53.147459	-0.652115	10.92	3.50	14.42
27	53.147762	-0.654604	14.65	3.50	18.15
28	53.146730	-0.654770	11.29	3.50	14.79
29	53.146710	-0.654450	10.79	3.50	14.29
30	53.146660	-0.653930	9.99	3.50	13.49
31	53.146560	-0.653210	9.32	3.50	12.82
32	53.146500	-0.652650	9.65	3.50	13.15
33	53.146620	-0.652540	9.69	3.50	13.19
34	53.146670	-0.652330	9.64	3.50	13.14
35	53.146500	-0.650990	8.94	3.50	12.44
36	53.146830	-0.651060	9.07	3.50	12.57
37	53.147220	-0.650840	9.43	3.50	12.93
38	53.147530	-0.650195	9.95	3.50	13.45
39	53.148058	-0.647824	10.34	3.50	13.84
40	53.149293	-0.647502	11.75	3.50	15.25
41	53.149364	-0.647008	11.40	3.50	14.90
42	53.149004	-0.645163	9.84	3.50	13.34
43	53.149068	-0.644702	10.07	3.50	13.57
44	53.149589	-0.644659	10.09	3.50	13.59
45	53.150246	-0.645152	10.47	3.50	13.97
46	53.150709	-0.646118	10.77	3.50	14.27
47	53.150861	-0.646854	11.55	3.50	15.05
48	53.152186	-0.646683	10.55	3.50	14.05
49	53.152302	-0.648378	10.85	3.50	14.35
50	53.152559	-0.648356	11.03	3.50	14.53
51	53.152650	-0.647820	11.33	3.50	14.83
52	53.152843	-0.647562	10.51	3.50	14.01
53	53.152984	-0.648185	10.54	3.50	14.04
54	53.153396	-0.648850	10.72	3.50	14.22
55	53.153821	-0.649000	11.70	3.50	15.20
56	53.153821	-0.647176	11.57	3.50	15.07
57	53.157030	-0.647114	18.62	3.50	22.12
58	53.157911	-0.650923	21.21	3.50	24.71
59	53.159526	-0.650773	24.30	3.50	27.80
60	53.159841	-0.651545	25.93	3.50	29.43
61	53.160478	-0.652318	28.32	3.50	31.82
62	53.160542	-0.654142	27.00	3.50	30.50
63	53.161668	-0.654152	28.25	3.50	31.75
64	53.162003	-0.653691	27.32	3.50	30.82

65	53.161359	-0.652489	27.84	3.50	31.34
66	53.161314	-0.650848	28.23	3.50	31.73

Name: PV array 8
Footprint area: 15,661 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.149067	-0.644094	9.24	3.50	12.74
2	53.149505	-0.644029	9.82	3.50	13.32
3	53.149878	-0.644094	9.57	3.50	13.07
4	53.150888	-0.643353	9.27	3.50	12.77
5	53.150521	-0.642002	8.25	3.50	11.75
6	53.149871	-0.642806	8.50	3.50	12.00
7	53.149472	-0.642796	8.80	3.50	12.30
8	53.149215	-0.643192	8.74	3.50	12.24
9	53.149022	-0.644072	9.17	3.50	12.67

Name: PV array 9
Footprint area: 49,324 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.144980	-0.656700	12.95	3.50	16.45
2	53.143230	-0.656440	10.07	3.50	13.57
3	53.143170	-0.652900	8.94	3.50	12.44
4	53.143890	-0.652530	9.13	3.50	12.63
5	53.144200	-0.652530	9.20	3.50	12.70
6	53.144680	-0.653130	9.45	3.50	12.95
7	53.144910	-0.653050	9.89	3.50	13.39

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	53.132517	-0.634624	14.36	1.50	15.86
OP 2	53.131320	-0.635804	14.29	1.50	15.79
OP 3	53.129711	-0.637028	14.30	1.50	15.80
OP 4	53.128372	-0.638637	13.02	1.50	14.52
OP 5	53.127251	-0.640997	13.62	1.50	15.12
OP 6	53.125552	-0.641641	14.59	1.50	16.09
OP 7	53.123929	-0.642885	16.49	1.50	17.99
OP 8	53.122320	-0.644302	15.19	1.50	16.69
OP 9	53.120607	-0.643980	15.05	1.50	16.55
OP 10	53.131127	-0.632757	14.63	1.50	16.13
OP 11	53.131294	-0.629839	13.93	1.50	15.43
OP 12	53.129917	-0.628981	13.86	1.50	15.36
OP 13	53.129582	-0.625870	12.59	1.50	14.09
OP 14	53.129402	-0.622758	10.55	1.50	12.05
OP 15	53.129363	-0.620140	9.89	1.50	11.39
OP 16	53.129234	-0.617244	10.00	1.50	11.50
OP 17	53.129312	-0.614476	10.57	1.50	12.07
OP 18	53.128861	-0.611665	10.72	1.50	12.22
OP 19	53.128153	-0.609369	9.56	1.50	11.06
OP 20	53.127573	-0.606686	7.53	1.50	9.03
OP 21	53.126762	-0.604605	6.88	1.50	8.38
OP 22	53.125951	-0.602288	7.20	1.50	8.70
OP 23	53.132762	-0.647671	10.34	1.50	11.84
OP 24	53.131114	-0.648636	11.59	1.50	13.09
OP 25	53.129363	-0.649752	10.38	1.50	11.88
OP 26	53.127728	-0.649945	11.69	1.50	13.19
OP 27	53.126479	-0.651533	10.67	1.50	12.17
OP 28	53.126299	-0.654172	10.40	1.50	11.90
OP 29	53.126286	-0.656618	11.90	1.50	13.40
OP 30	53.125294	-0.659236	13.01	1.50	14.51
OP 31	53.124342	-0.661253	13.70	1.50	15.20
OP 32	53.123234	-0.664086	12.65	1.50	14.15
OP 33	53.122745	-0.666832	12.30	1.50	13.80
OP 34	53.121509	-0.668678	13.54	1.50	15.04
OP 35	53.123337	-0.682411	18.91	1.50	20.41
OP 36	53.122603	-0.679728	17.93	1.50	19.43
OP 37	53.122114	-0.676917	17.00	1.50	18.50
OP 38	53.121805	-0.674042	18.54	1.50	20.04
OP 39	53.121367	-0.671274	17.00	1.50	18.50
OP 40	53.123955	-0.640568	15.04	1.50	16.54
OP 41	53.123041	-0.638079	14.73	1.50	16.23
OP 42	53.121959	-0.636169	14.97	1.50	16.47
OP 43	53.117517	-0.655224	15.83	1.50	17.33
OP 44	53.118894	-0.653250	15.04	1.50	16.54
OP 45	53.120169	-0.651576	13.84	1.50	15.34
OP 46	53.121251	-0.649859	15.50	1.50	17.00
OP 47	53.122526	-0.647842	15.80	1.50	17.30
OP 48	53.123865	-0.646383	13.88	1.50	15.38
OP 49	53.125320	-0.644409	13.50	1.50	15.00
OP 50	53.127097	-0.643551	13.49	1.50	14.99
OP 51	53.127020	-0.637993	15.64	1.50	17.14
OP 52	53.127007	-0.635075	14.94	1.50	16.44
OP 53	53.126312	-0.632929	15.40	1.50	16.90
OP 54	53.126067	-0.629947	14.71	1.50	16.21
OP 55	53.126041	-0.627157	14.40	1.50	15.90
OP 56	53.136186	-0.681423	20.72	1.50	22.22
OP 57	53.134410	-0.680501	24.64	1.50	26.14
OP 58	53.132569	-0.679707	21.02	1.50	22.52
OP 59	53.131100	-0.678441	18.72	1.50	20.22
OP 60	53.129362	-0.677561	20.17	1.50	21.67
OP 61	53.127701	-0.677175	19.86	1.50	21.36
OP 62	53.126169	-0.676467	18.11	1.50	19.61
OP 63	53.124830	-0.675051	17.93	1.50	19.43

OP 64	53.123143	-0.675608	17.00	1.50	18.50

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
PV array 1	5.0	180.0	0	0	-	-
PV array 10	5.0	180.0	9,773	0	-	-
PV array 11	5.0	180.0	30,688	4	-	-
PV array 12	5.0	180.0	41,168	0	-	-
PV array 13	5.0	180.0	169,248	105,870	-	-
PV array 14	5.0	180.0	49,468	881	-	-
PV array 15	5.0	180.0	34,068	1,766	-	-
PV array 2	5.0	180.0	0	0	-	-
PV array 3	5.0	180.0	21	0	-	-
PV array 4	5.0	180.0	0	0	-	-
PV array 5	5.0	180.0	0	0	-	-
PV array 6	5.0	180.0	0	0	-	-
PV array 7	5.0	180.0	3,846	0	-	-
PV array 8	5.0	180.0	898	0	-	-
PV array 9	5.0	180.0	12,104	0	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
pv-array-10 (green)	0	0	0	283	676	697	708	476	0	0	0	0
pv-array-10 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-11 (green)	0	0	0	145	623	1183	866	224	14	0	0	0
pv-array-11 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-12 (green)	0	0	193	603	850	1088	975	647	361	0	0	0
pv-array-12 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-13 (green)	314	438	1549	2478	3852	4296	4159	2935	1811	662	400	13
pv-array-13 (yellow)	0	649	786	945	2222	2338	2321	1460	490	1018	50	0
pv-array-14 (green)	0	0	267	783	1069	1194	1147	890	456	0	0	0
pv-array-14 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-15 (green)	0	0	398	1312	1630	1728	1718	1441	740	0	0	0
pv-array-15 (yellow)	0	0	0	3	8	3	1	10	0	0	0	0
pv-array-3 (green)	0	0	0	0	0	21	0	0	0	0	0	0
pv-array-3 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-7 (green)	0	0	0	0	168	996	433	0	0	0	0	0
pv-array-7 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-8 (green)	0	0	0	0	162	349	263	0	0	0	0	0
pv-array-8 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-9 (green)	0	0	0	0	606	1362	1034	4	0	0	0	0
pv-array-9 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

PV array 1 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

No glare found

PV array 10 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0

OP: OP 35	117	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	1991	0
OP: OP 57	2319	0
OP: OP 58	2060	0
OP: OP 59	1450	0
OP: OP 60	1280	0
OP: OP 61	451	0
OP: OP 62	105	0
OP: OP 63	0	0
OP: OP 64	0	0

PV array 10: OP 1

No glare found

PV array 10: OP 2

No glare found

PV array 10: OP 3

No glare found

PV array 10: OP 4

No glare found

PV array 10: OP 5

No glare found

PV array 10: OP 6

No glare found

PV array 10: OP 7

No glare found

PV array 10: OP 8

No glare found

PV array 10: OP 9

No glare found

PV array 10: OP 10

No glare found

PV array 10: OP 11

No glare found

PV array 10: OP 12

No glare found

PV array 10: OP 13

No glare found

PV array 10: OP 14

No glare found

PV array 10: OP 15

No glare found

PV array 10: OP 16

No glare found

PV array 10: OP 17

No glare found

PV array 10: OP 18

No glare found

PV array 10: OP 19

No glare found

PV array 10: OP 20

No glare found

PV array 10: OP 21

No glare found

PV array 10: OP 22

No glare found

PV array 10: OP 23

No glare found

PV array 10: OP 24

No glare found

PV array 10: OP 25

No glare found

PV array 10: OP 26

No glare found

PV array 10: OP 27

No glare found

PV array 10: OP 28

No glare found

PV array 10: OP 29

No glare found

PV array 10: OP 30

No glare found

PV array 10: OP 31

No glare found

PV array 10: OP 32

No glare found

PV array 10: OP 33

No glare found

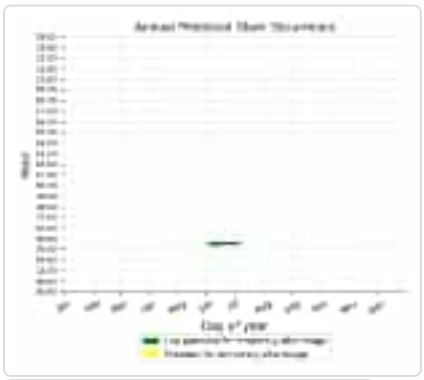
PV array 10: OP 34

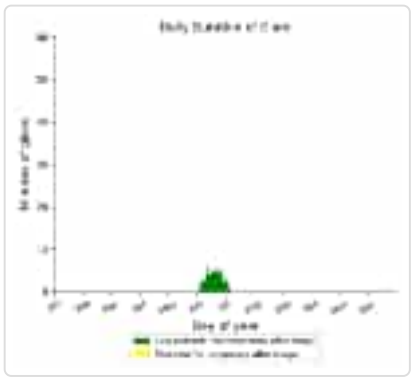
No glare found

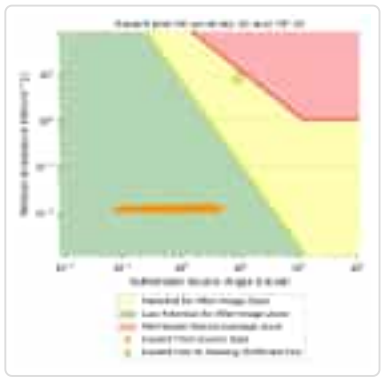
PV array 10: OP 35

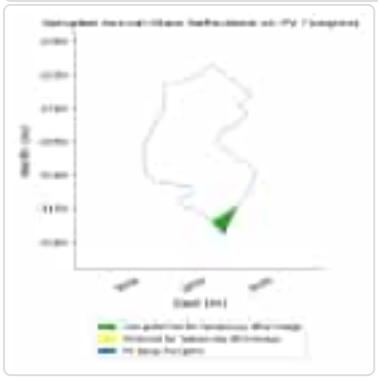
PV array is expected to produce the following glare for this receptor:

- 117 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 36

No glare found

PV array 10: OP 37

No glare found

PV array 10: OP 38

No glare found

PV array 10: OP 39

No glare found

PV array 10: OP 40

No glare found

PV array 10: OP 41

No glare found

PV array 10: OP 42

No glare found

PV array 10: OP 43

No glare found

PV array 10: OP 44

No glare found

PV array 10: OP 45

No glare found

PV array 10: OP 46

No glare found

PV array 10: OP 47

No glare found

PV array 10: OP 48

No glare found

PV array 10: OP 49

No glare found

PV array 10: OP 50

No glare found

PV array 10: OP 51

No glare found

PV array 10: OP 52

No glare found

PV array 10: OP 53

No glare found

PV array 10: OP 54

No glare found

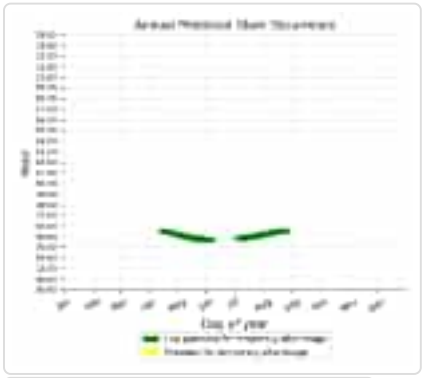
PV array 10: OP 55

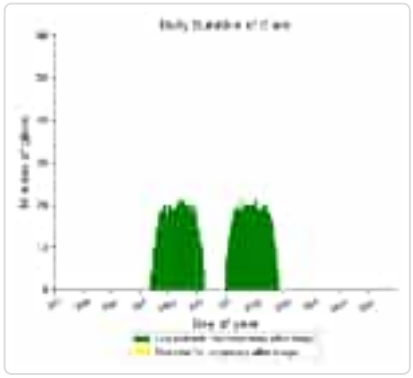
No glare found

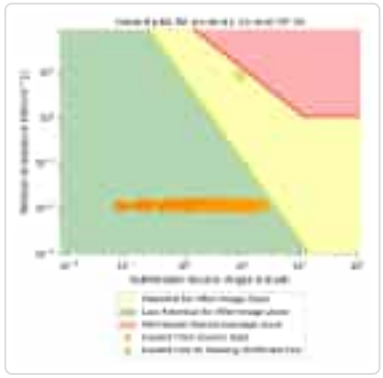
PV array 10: OP 56

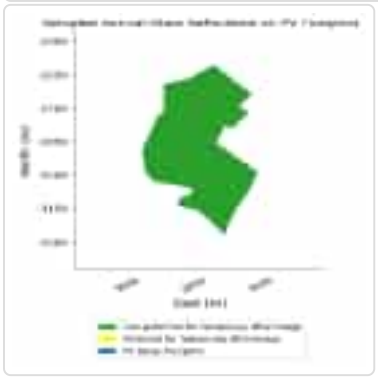
PV array is expected to produce the following glare for this receptor:

- 1,991 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





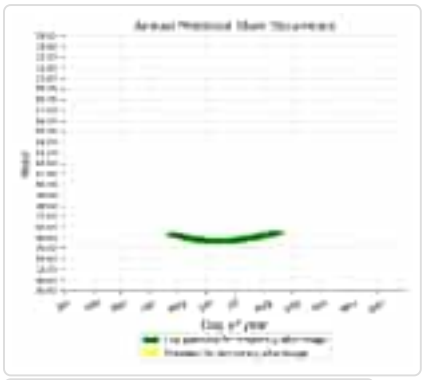


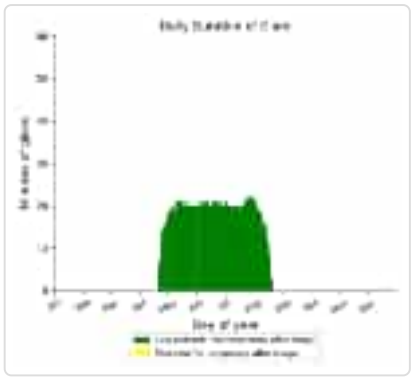


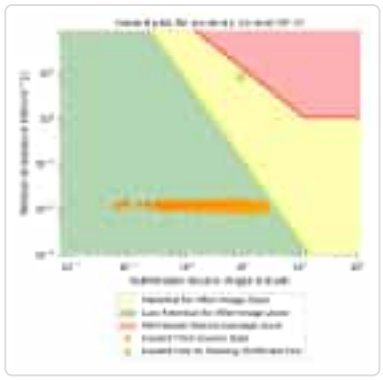
PV array 10: OP 57

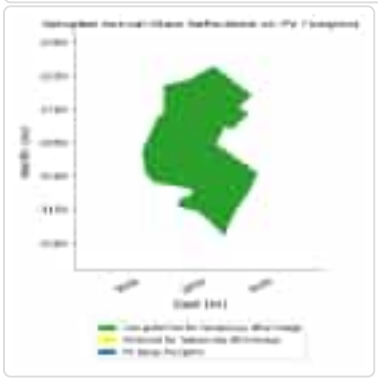
PV array is expected to produce the following glare for this receptor:

- 2,319 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





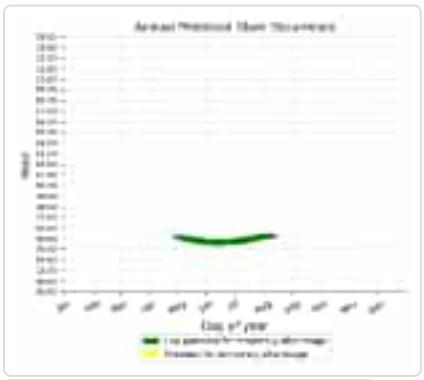


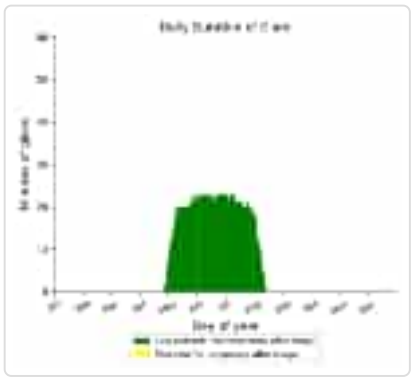


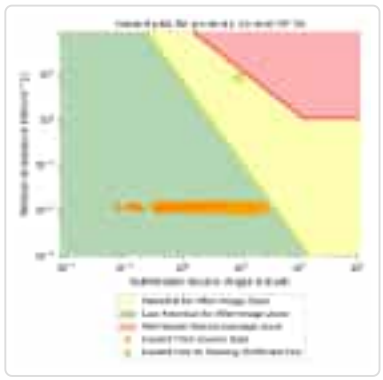
PV array 10: OP 58

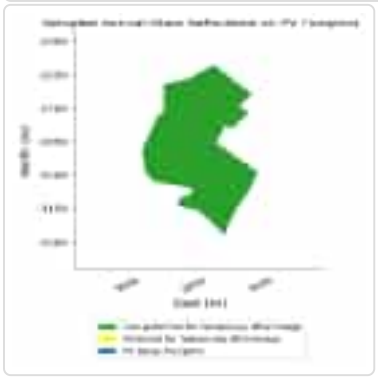
PV array is expected to produce the following glare for this receptor:

- 2,060 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





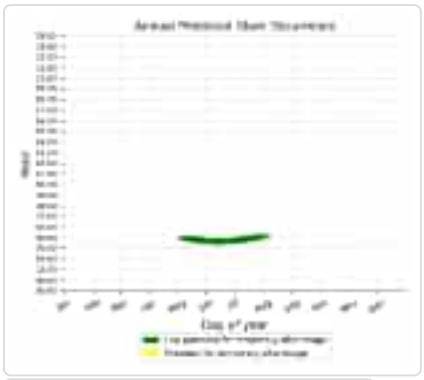


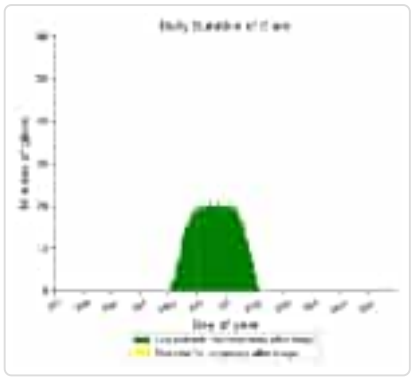


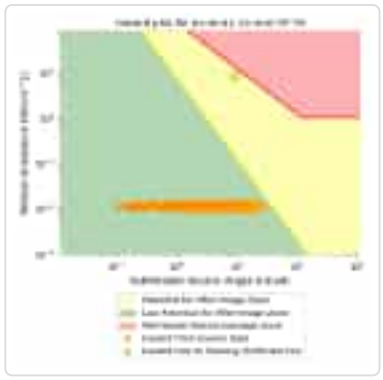
PV array 10: OP 59

PV array is expected to produce the following glare for this receptor:

- 1,450 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



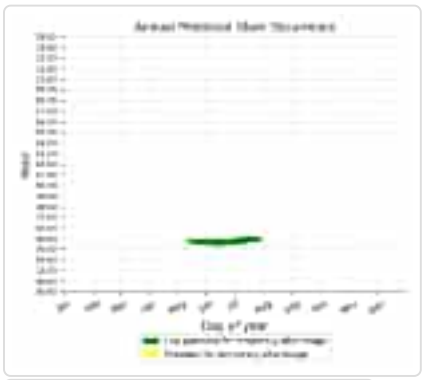


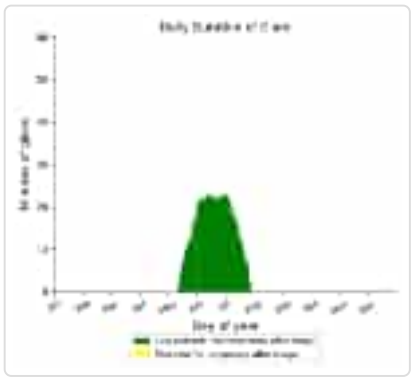


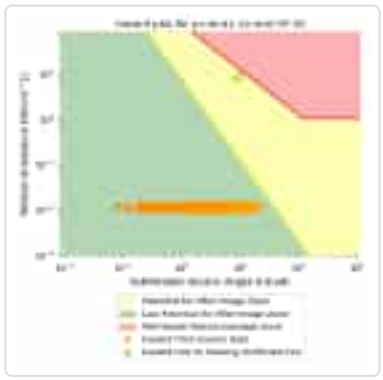
PV array 10: OP 60

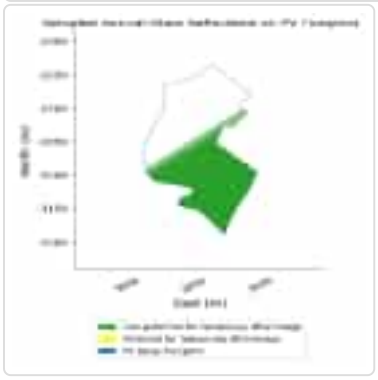
PV array is expected to produce the following glare for this receptor:

- 1,280 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





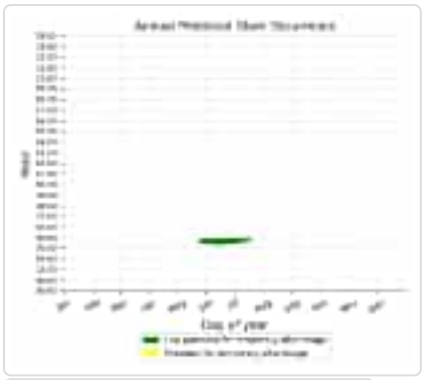


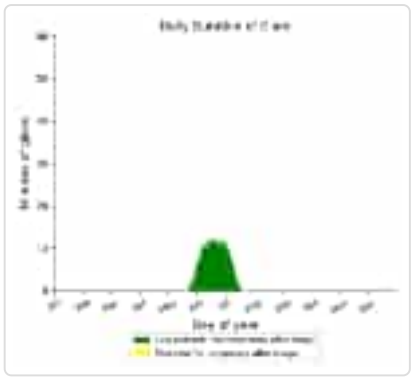


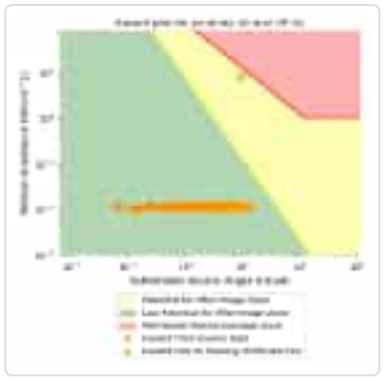
PV array 10: OP 61

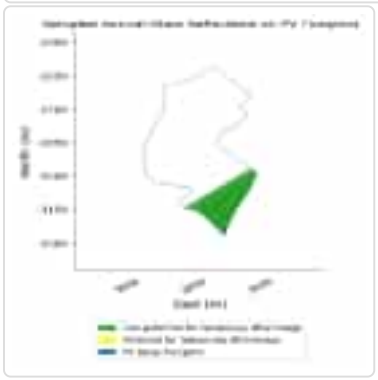
PV array is expected to produce the following glare for this receptor:

- 451 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





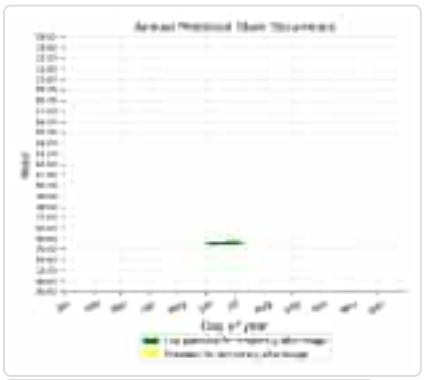


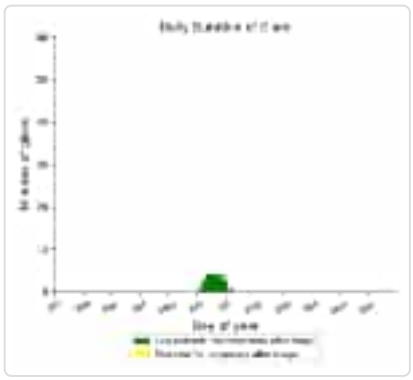


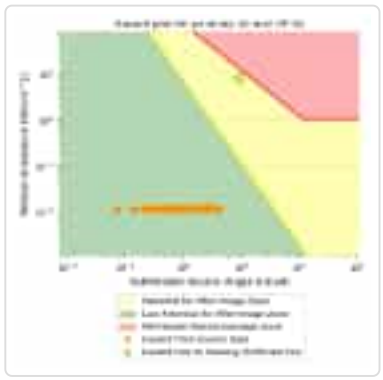
PV array 10: OP 62

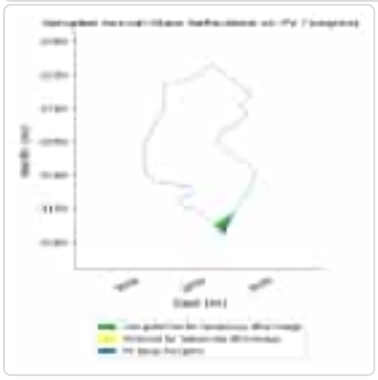
PV array is expected to produce the following glare for this receptor:

- 105 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 63

No glare found

PV array 10: OP 64

No glare found

PV array 11 potential temporary after-image

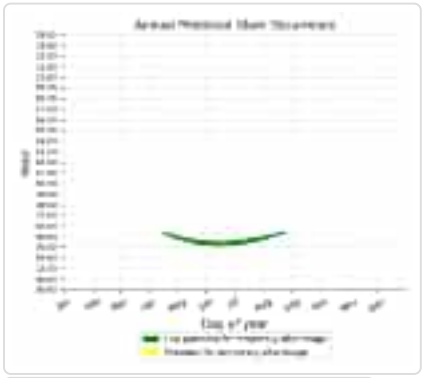
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	441	4
OP: OP 2	418	0
OP: OP 3	0	0
OP: OP 4	660	0
OP: OP 5	441	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	107	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	192	0
OP: OP 18	766	0

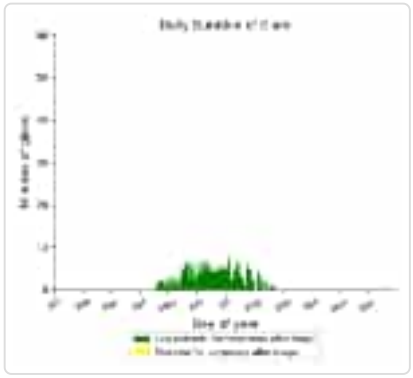
OP: OP 19	539	0
OP: OP 20	582	0
OP: OP 21	371	0
OP: OP 22	625	0
OP: OP 23	1464	0
OP: OP 24	1166	0
OP: OP 25	1456	0
OP: OP 26	1004	0
OP: OP 27	1186	0
OP: OP 28	1023	0
OP: OP 29	1137	0
OP: OP 30	1264	0
OP: OP 31	1142	0
OP: OP 32	1074	0
OP: OP 33	1233	0
OP: OP 34	1007	0
OP: OP 35	902	0
OP: OP 36	939	0
OP: OP 37	966	0
OP: OP 38	616	0
OP: OP 39	967	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	16	0
OP: OP 45	134	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	400	0
OP: OP 49	396	0
OP: OP 50	784	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	336	0
OP: OP 57	0	0
OP: OP 58	352	0
OP: OP 59	858	0
OP: OP 60	681	0
OP: OP 61	450	0
OP: OP 62	1247	0
OP: OP 63	581	0
OP: OP 64	765	0

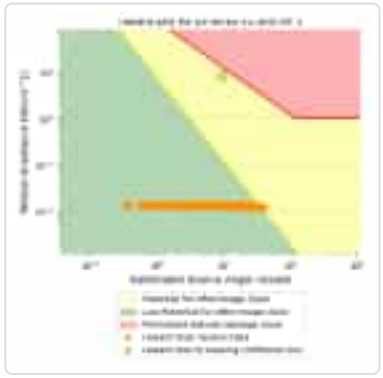
PV array 11: OP 1

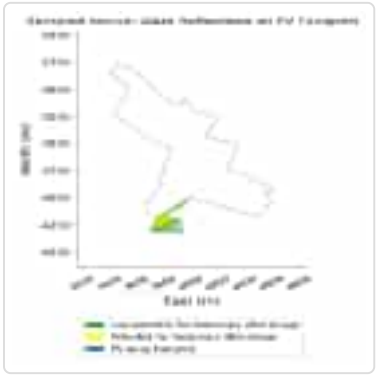
PV array is expected to produce the following glare for this receptor:

- 441 minutes of "green" glare with low potential to cause temporary after-image.
- 4 minutes of "yellow" glare with potential to cause temporary after-image.





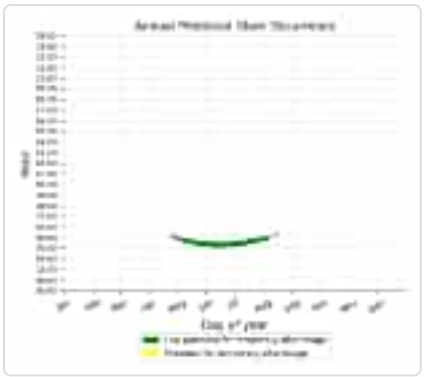


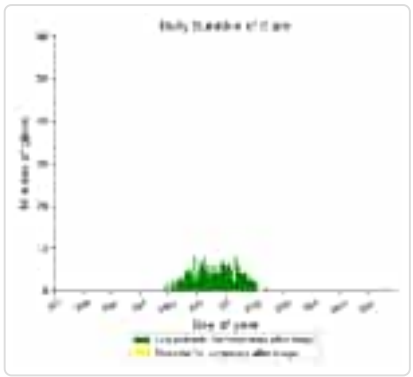


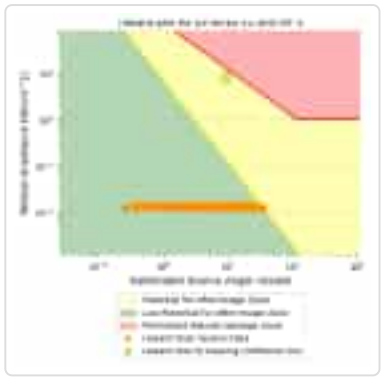
PV array 11: OP 2

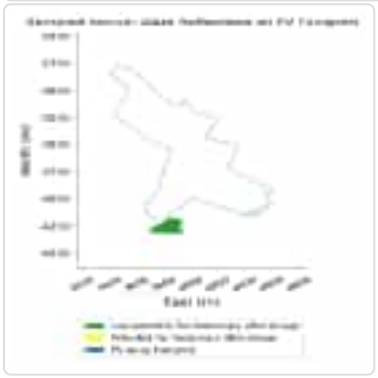
PV array is expected to produce the following glare for this receptor:

- 418 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









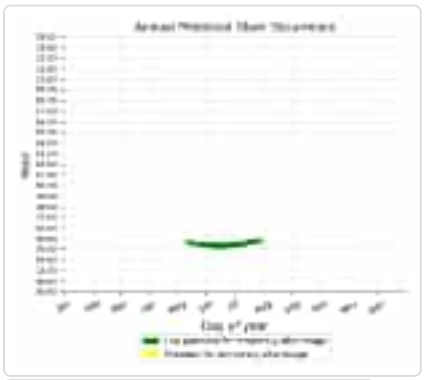
PV array 11: OP 3

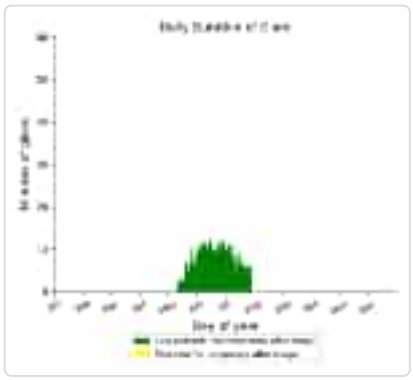
No glare found

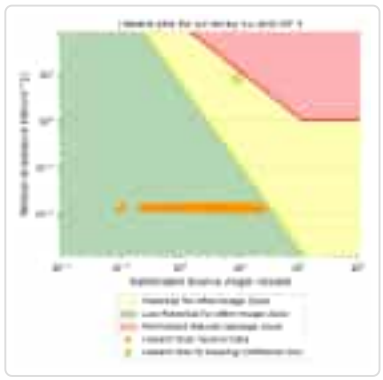
PV array 11: OP 4

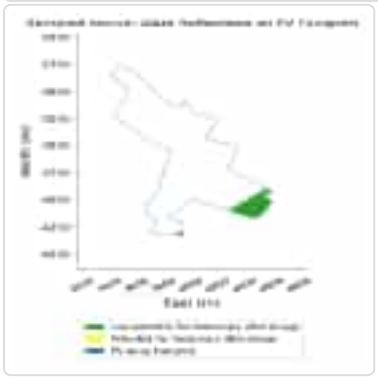
PV array is expected to produce the following glare for this receptor:

- 660 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





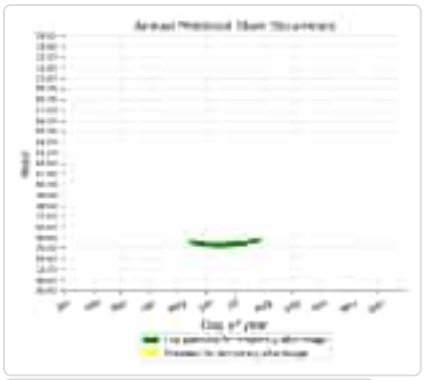


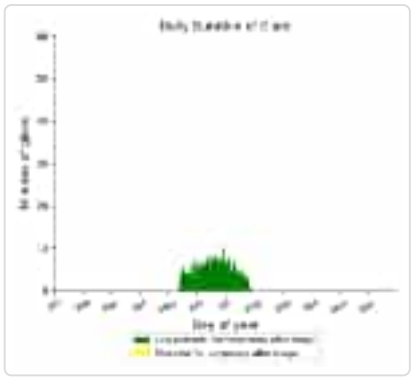


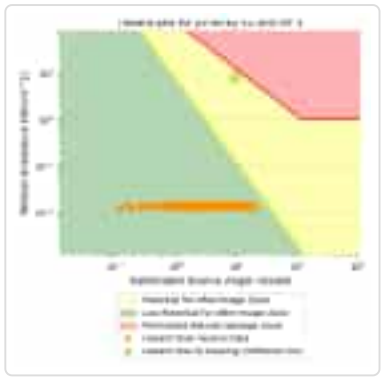
PV array 11: OP 5

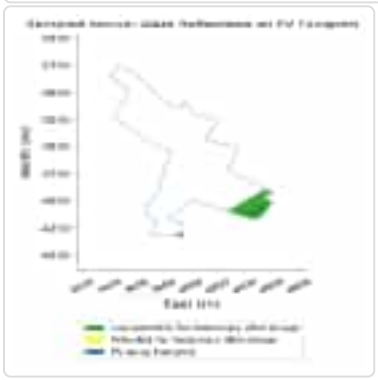
PV array is expected to produce the following glare for this receptor:

- 441 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 6

No glare found

PV array 11: OP 7

No glare found

PV array 11: OP 8

No glare found

PV array 11: OP 9

No glare found

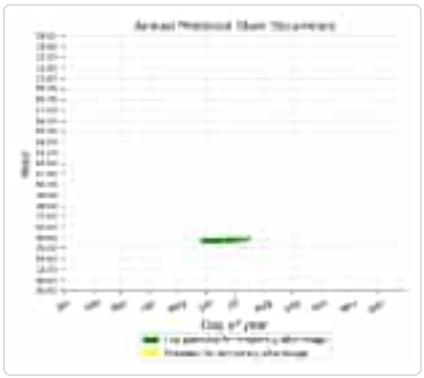
PV array 11: OP 10

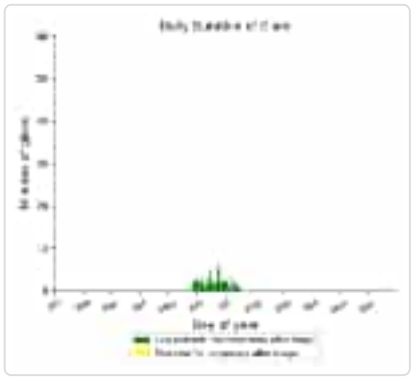
No glare found

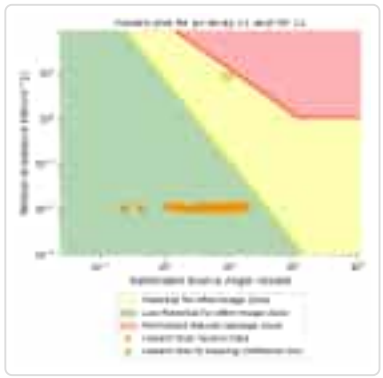
PV array 11: OP 11

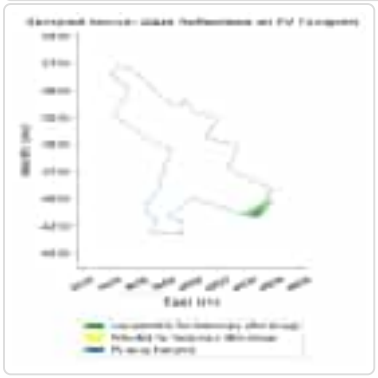
PV array is expected to produce the following glare for this receptor:

- 107 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 12

No glare found

PV array 11: OP 13

No glare found

PV array 11: OP 14

No glare found

PV array 11: OP 15

No glare found

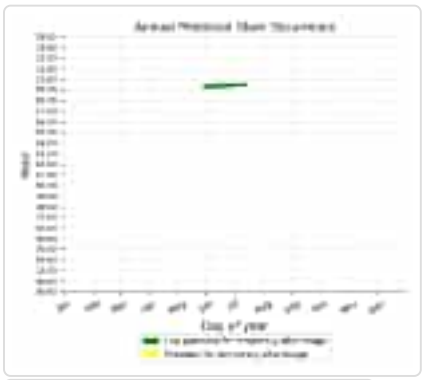
PV array 11: OP 16

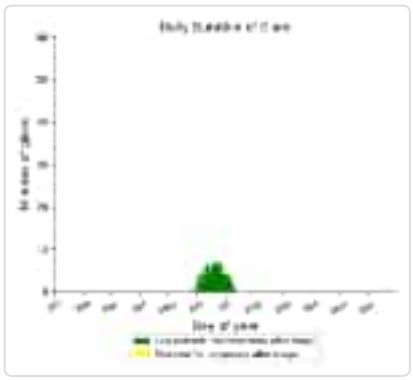
No glare found

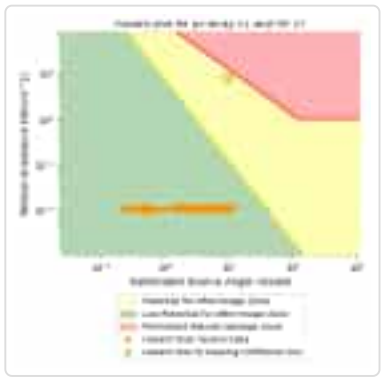
PV array 11: OP 17

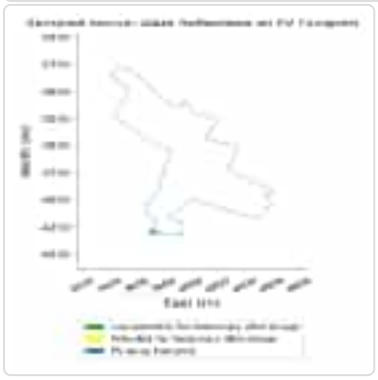
PV array is expected to produce the following glare for this receptor:

- 192 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





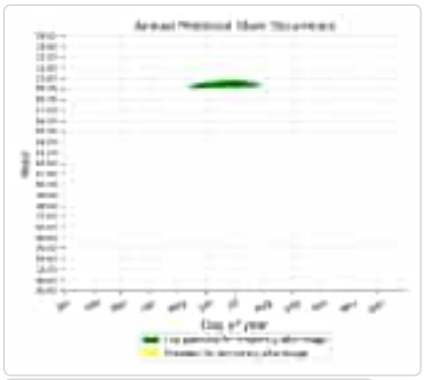


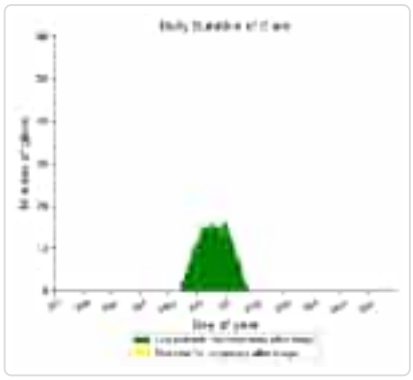


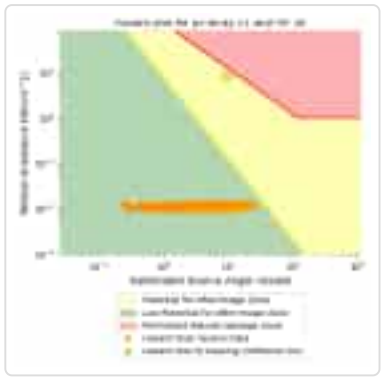
PV array 11: OP 18

PV array is expected to produce the following glare for this receptor:

- 766 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



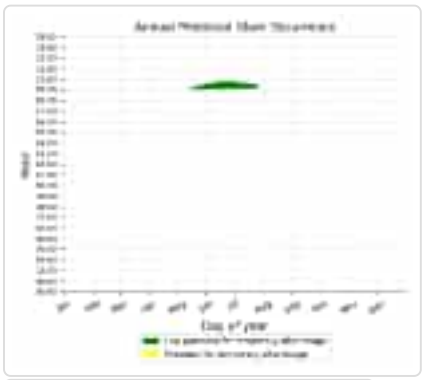


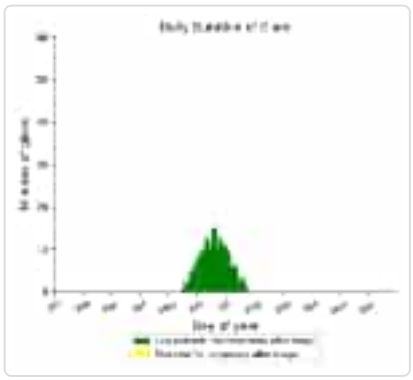


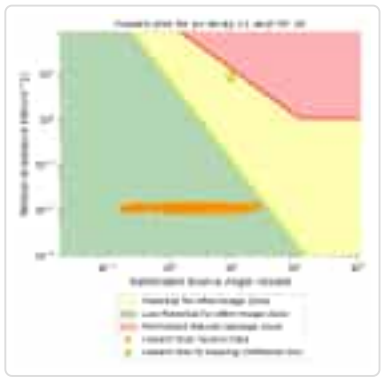
PV array 11: OP 19

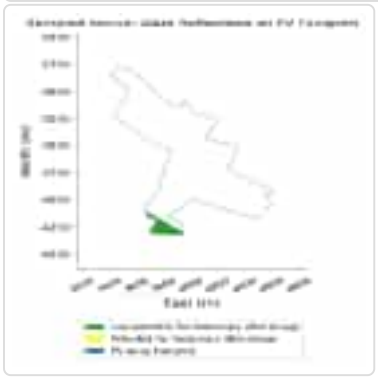
PV array is expected to produce the following glare for this receptor:

- 539 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





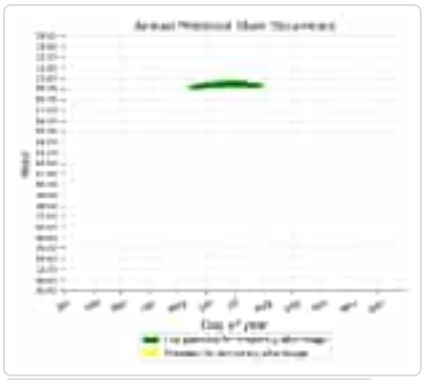


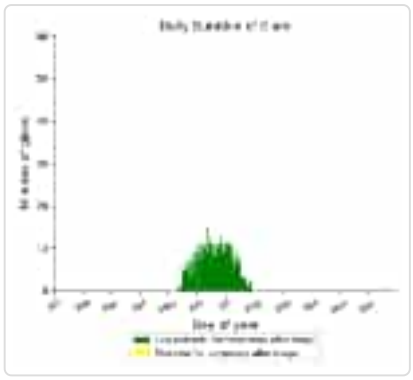


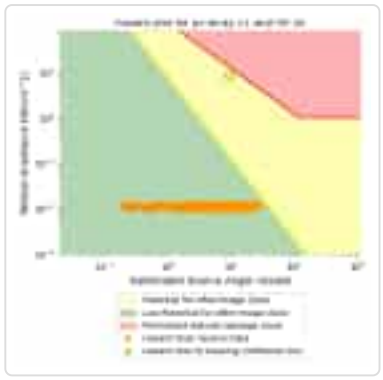
PV array 11: OP 20

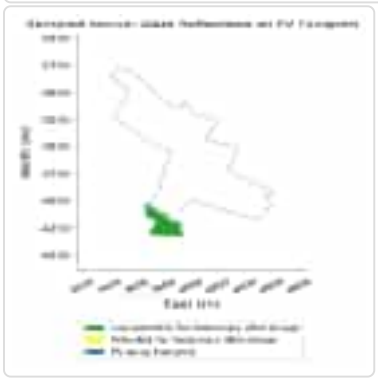
PV array is expected to produce the following glare for this receptor:

- 582 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





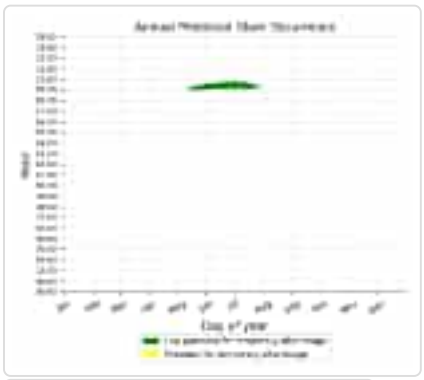


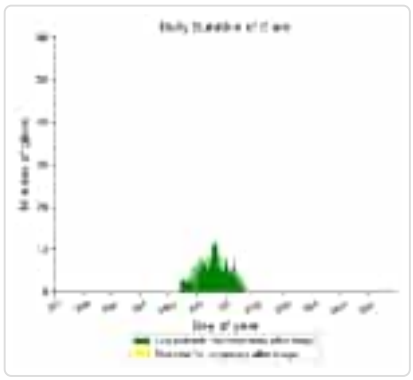


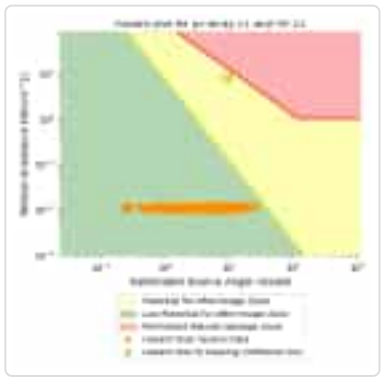
PV array 11: OP 21

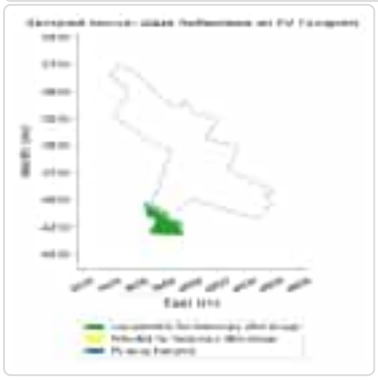
PV array is expected to produce the following glare for this receptor:

- 371 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





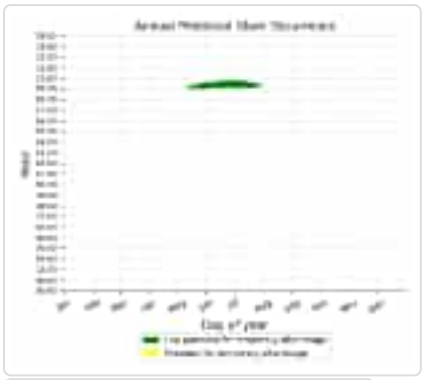


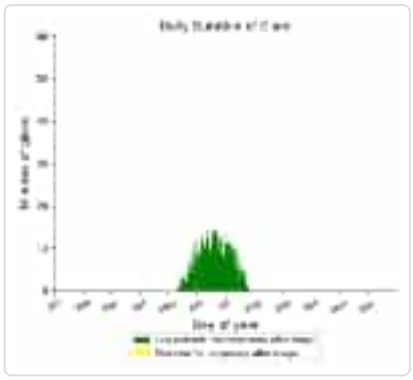


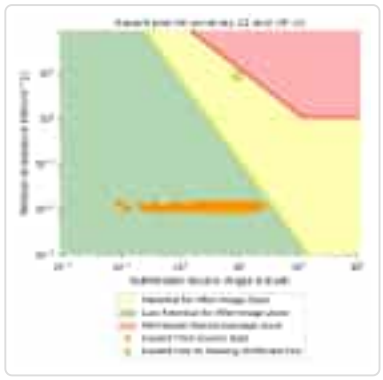
PV array 11: OP 22

PV array is expected to produce the following glare for this receptor:

- 625 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



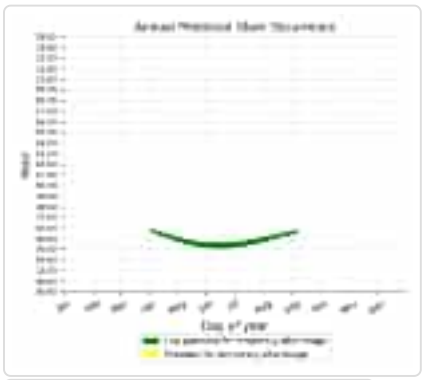


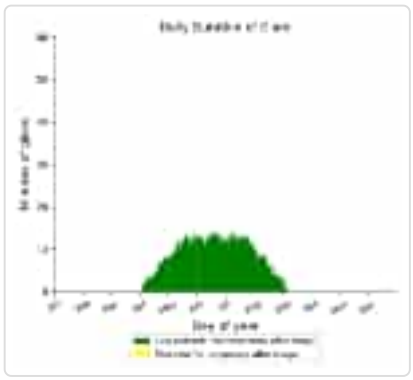


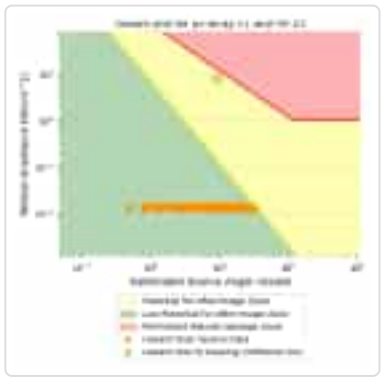
PV array 11: OP 23

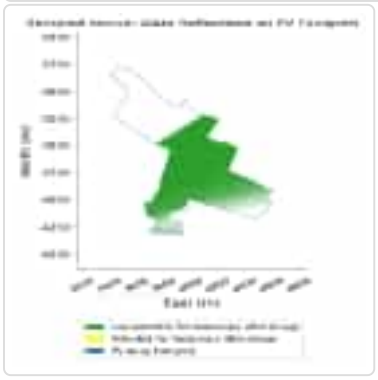
PV array is expected to produce the following glare for this receptor:

- 1,464 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





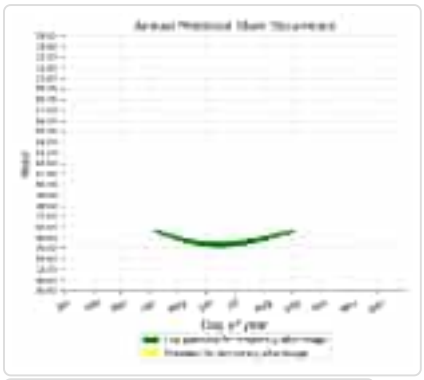


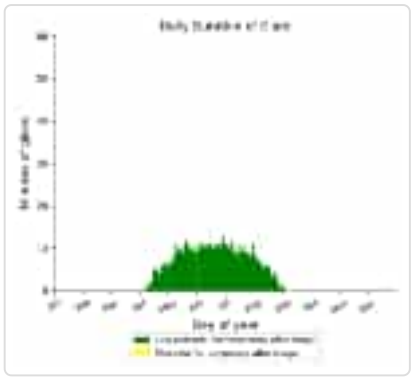


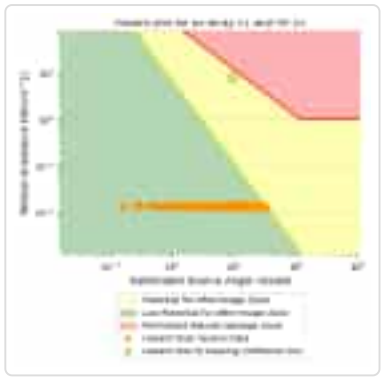
PV array 11: OP 24

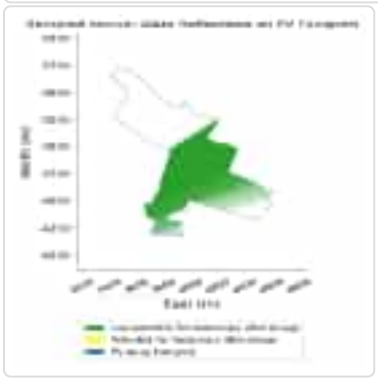
PV array is expected to produce the following glare for this receptor:

- 1,166 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





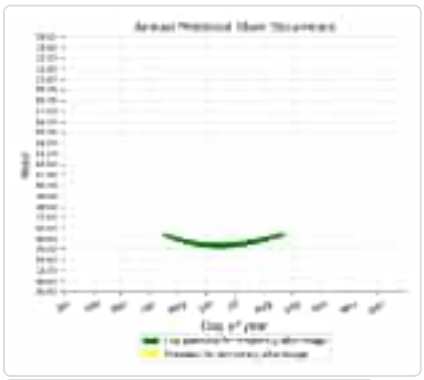


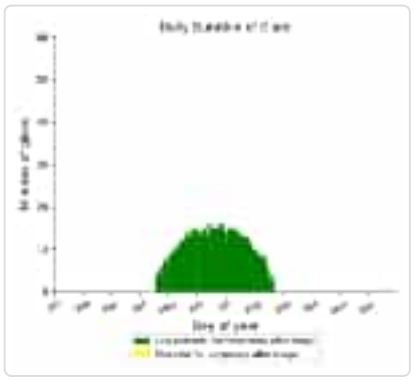


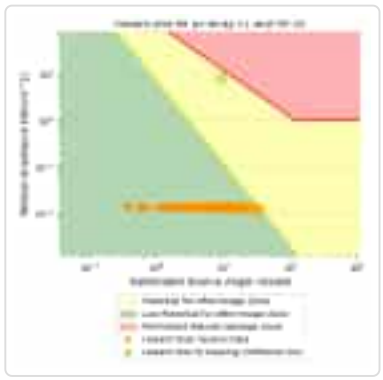
PV array 11: OP 25

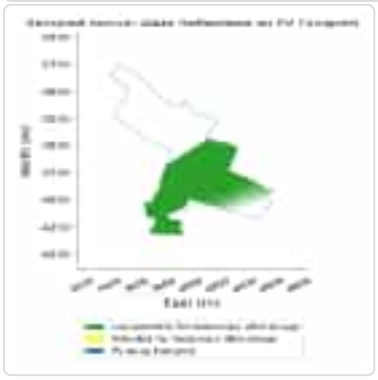
PV array is expected to produce the following glare for this receptor:

- 1,456 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





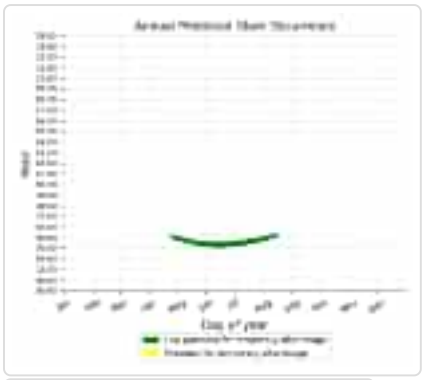


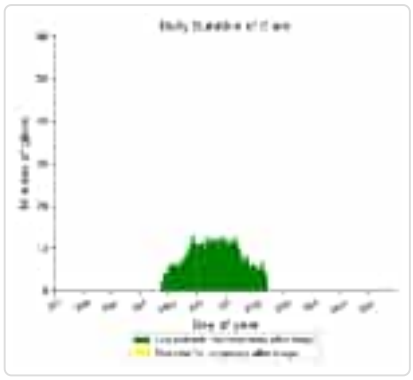


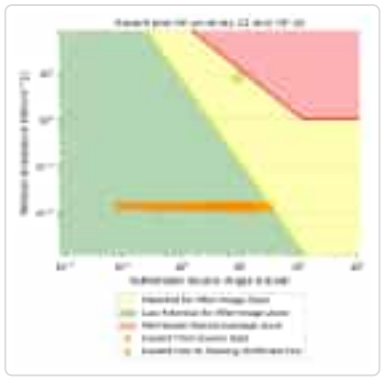
PV array 11: OP 26

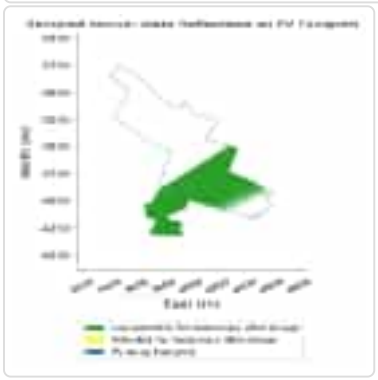
PV array is expected to produce the following glare for this receptor:

- 1,004 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





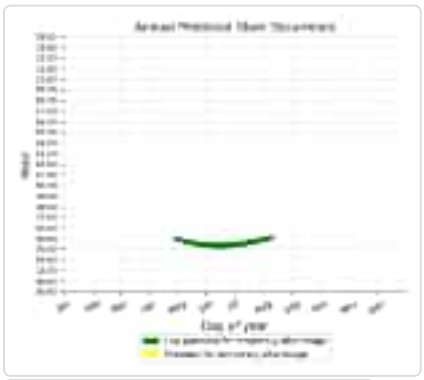


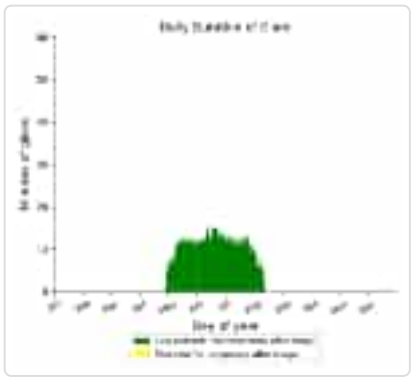


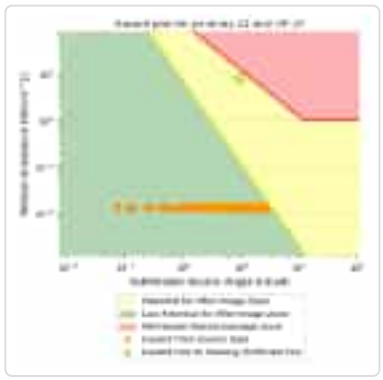
PV array 11: OP 27

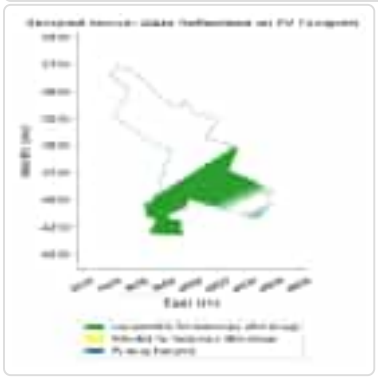
PV array is expected to produce the following glare for this receptor:

- 1,186 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





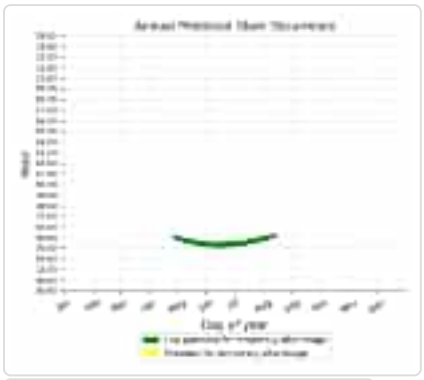


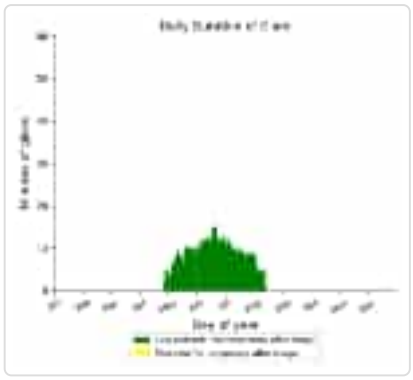


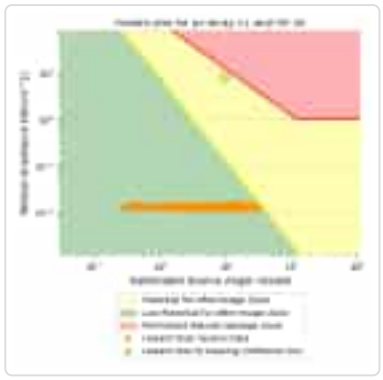
PV array 11: OP 28

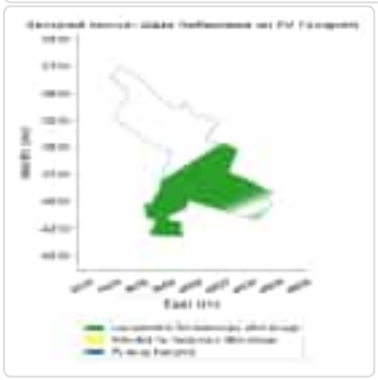
PV array is expected to produce the following glare for this receptor:

- 1,023 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





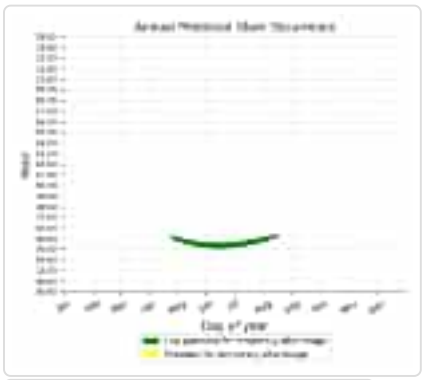


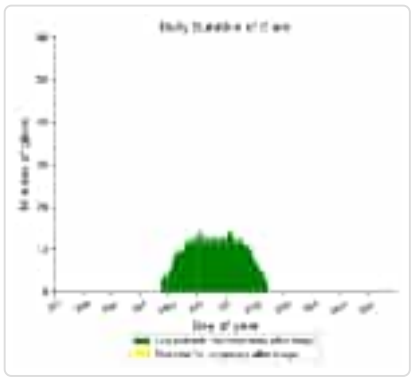


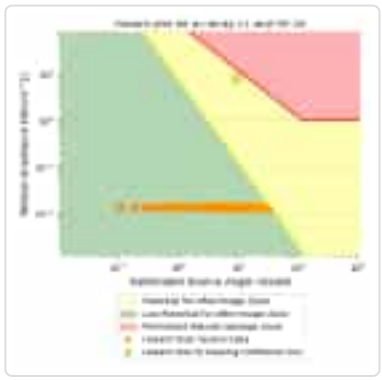
PV array 11: OP 29

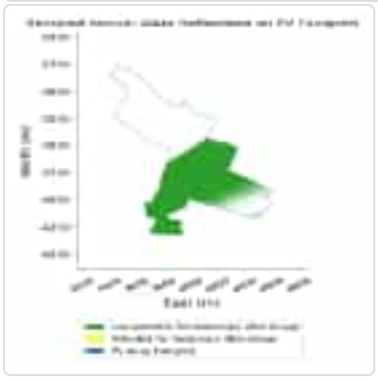
PV array is expected to produce the following glare for this receptor:

- 1,137 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





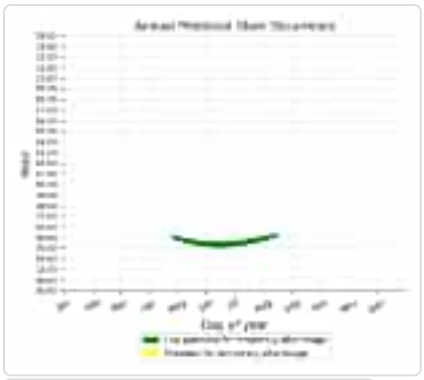


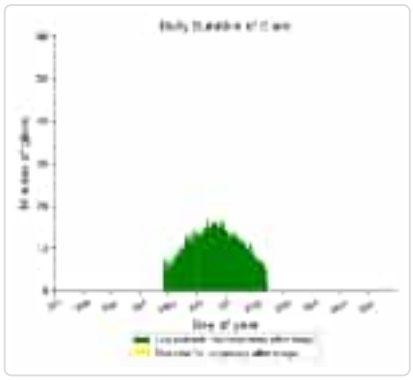


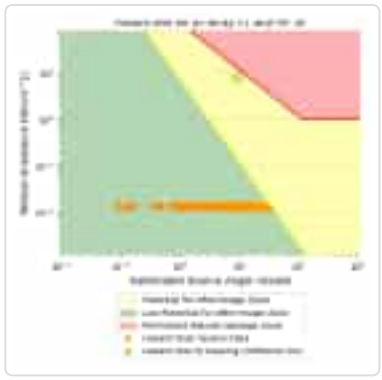
PV array 11: OP 30

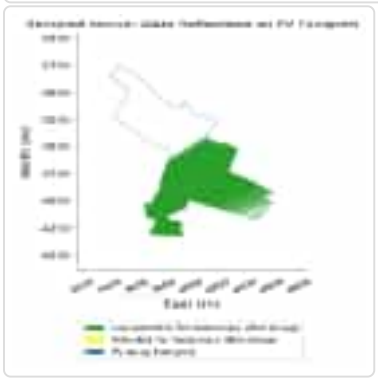
PV array is expected to produce the following glare for this receptor:

- 1,264 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





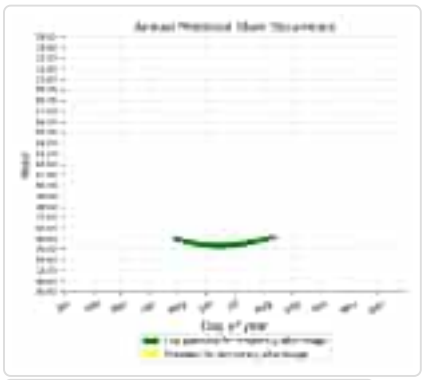


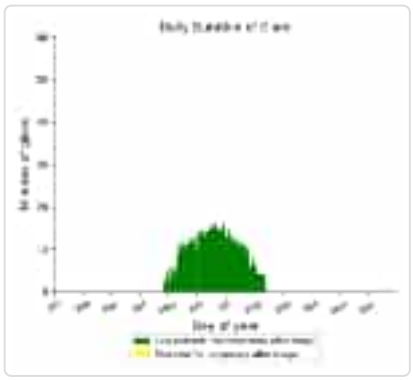


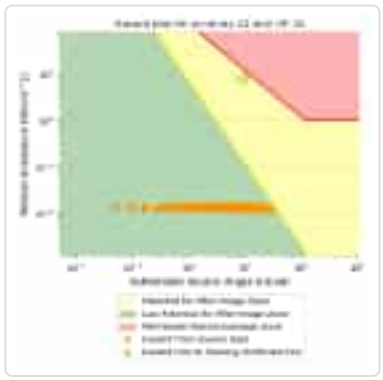
PV array 11: OP 31

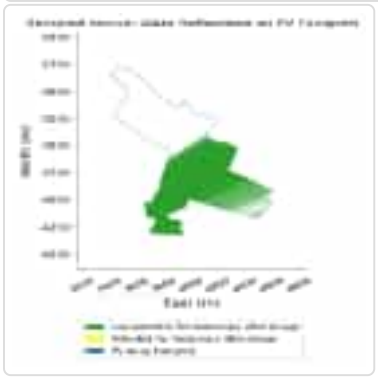
PV array is expected to produce the following glare for this receptor:

- 1,142 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





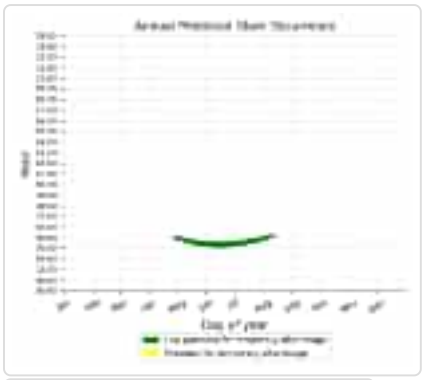


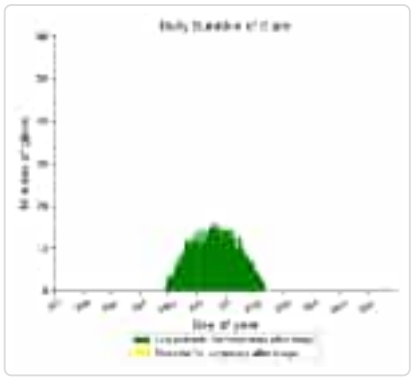


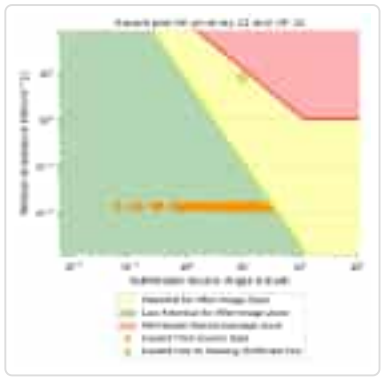
PV array 11: OP 32

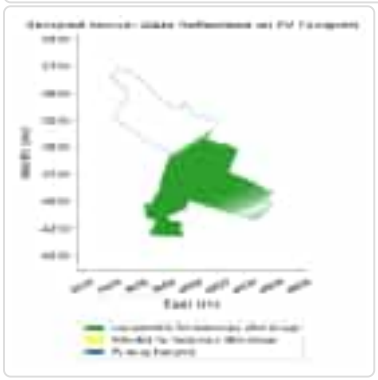
PV array is expected to produce the following glare for this receptor:

- 1,074 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





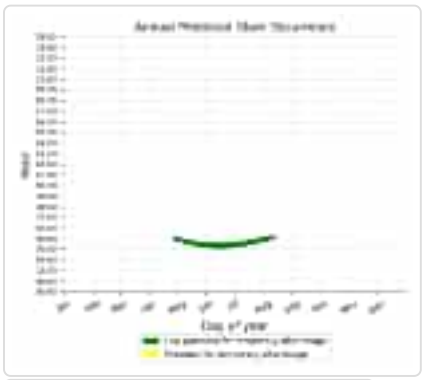


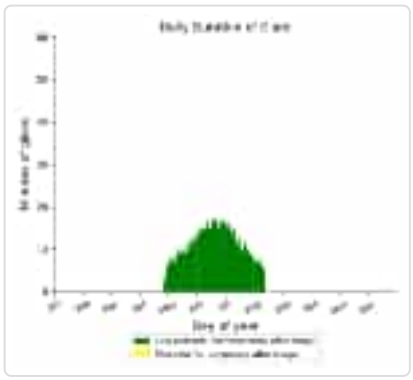


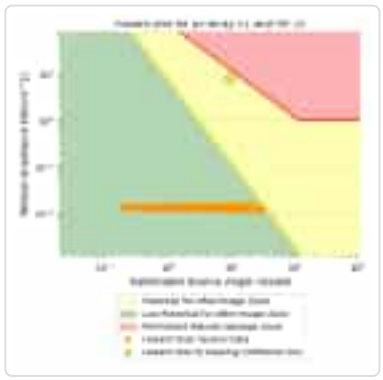
PV array 11: OP 33

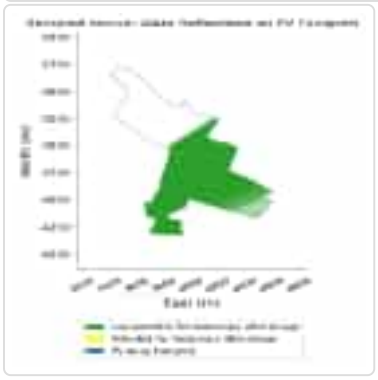
PV array is expected to produce the following glare for this receptor:

- 1,233 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





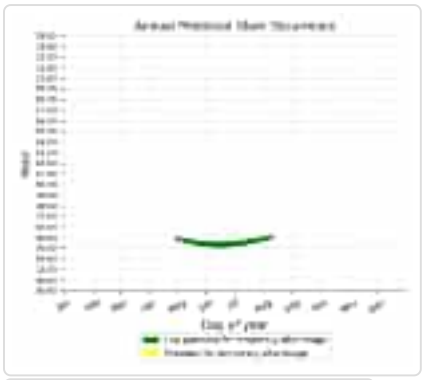


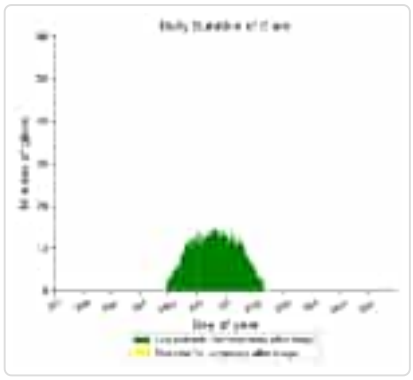


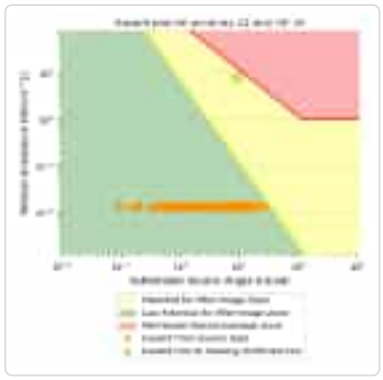
PV array 11: OP 34

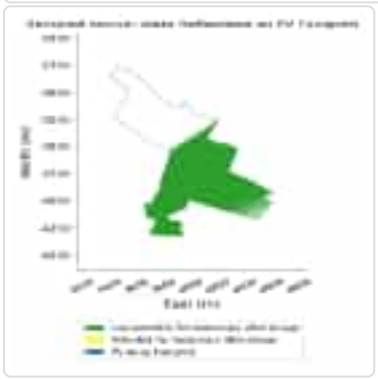
PV array is expected to produce the following glare for this receptor:

- 1,007 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





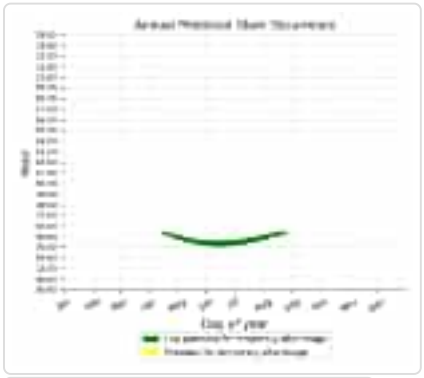


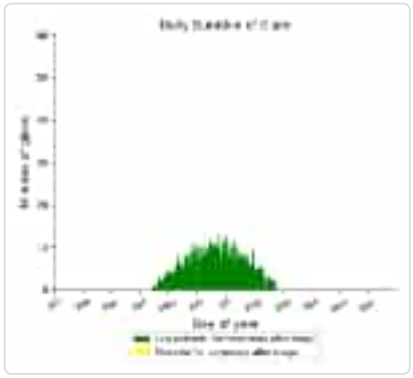


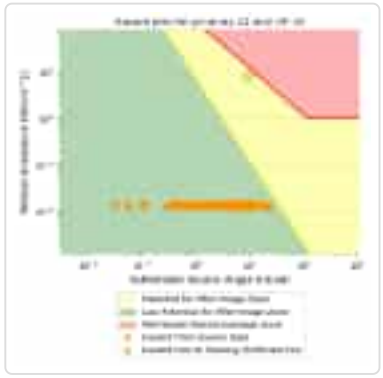
PV array 11: OP 35

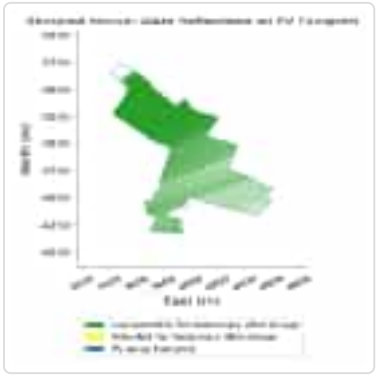
PV array is expected to produce the following glare for this receptor:

- 902 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





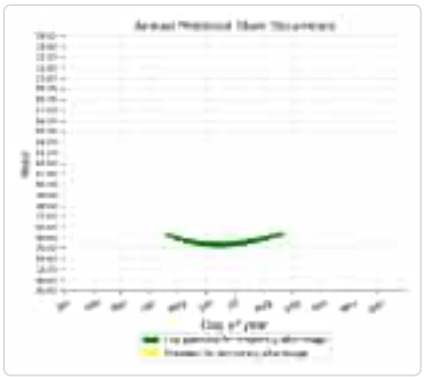


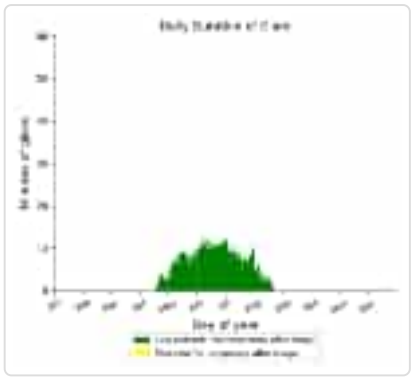


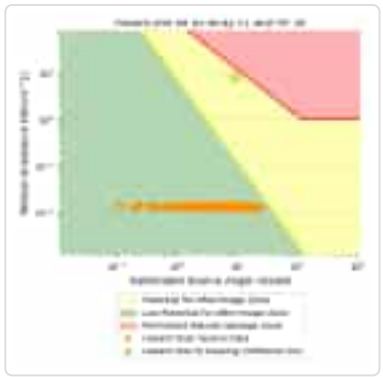
PV array 11: OP 36

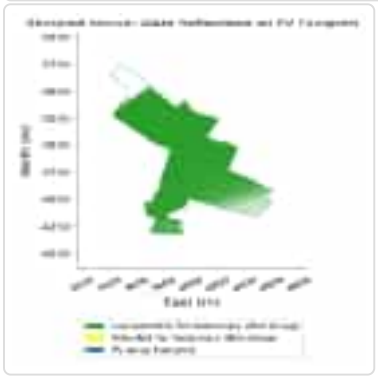
PV array is expected to produce the following glare for this receptor:

- 939 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





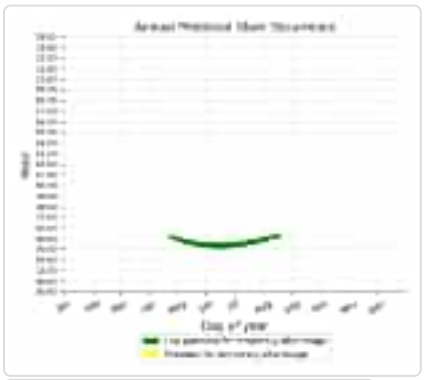


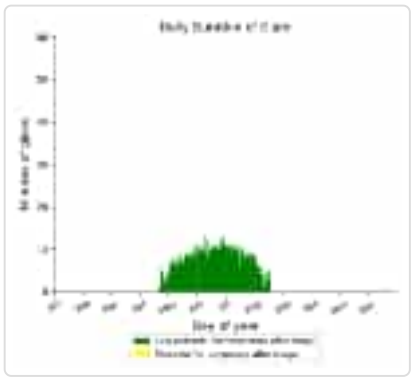


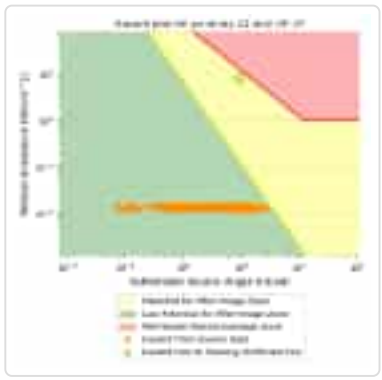
PV array 11: OP 37

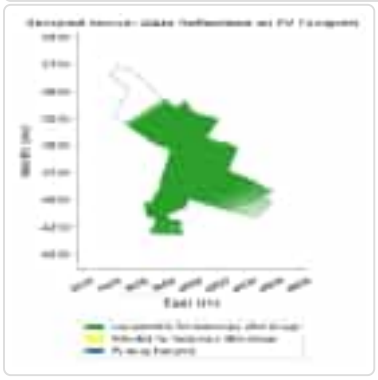
PV array is expected to produce the following glare for this receptor:

- 966 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





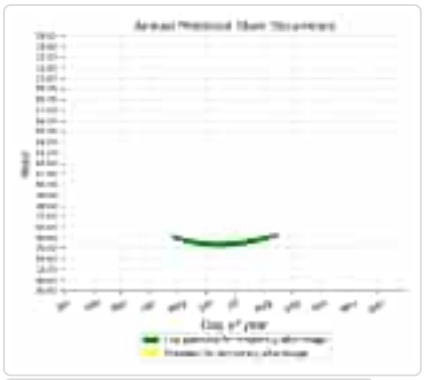


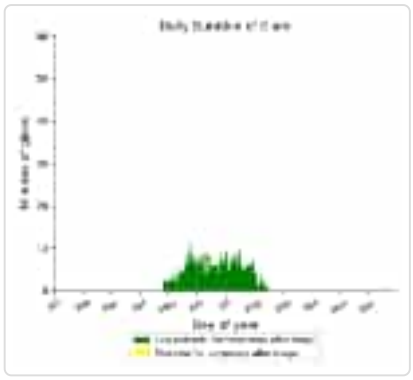


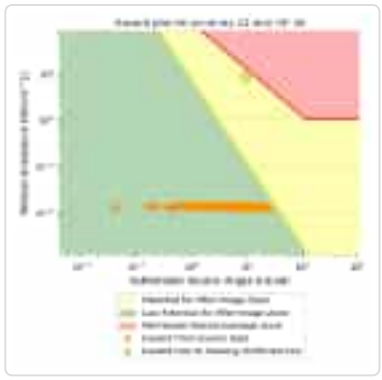
PV array 11: OP 38

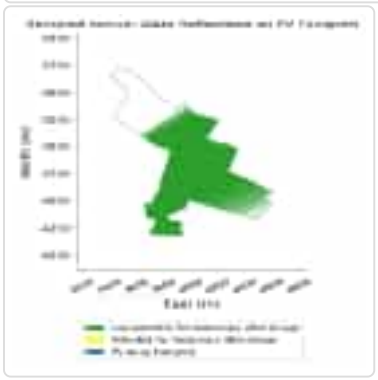
PV array is expected to produce the following glare for this receptor:

- 616 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





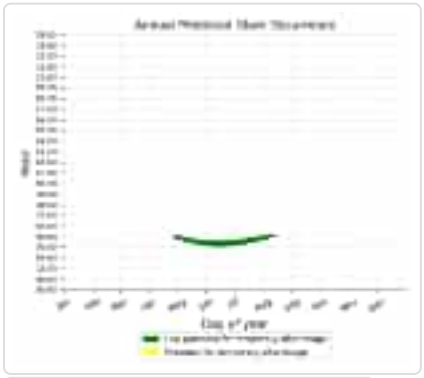


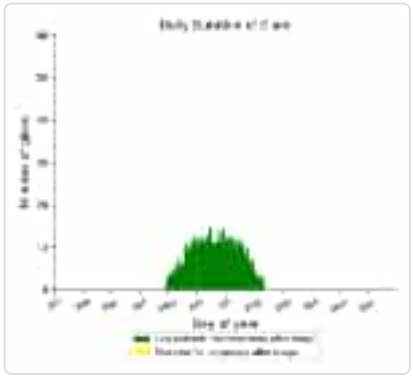


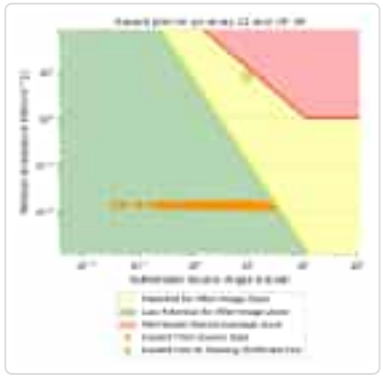
PV array 11: OP 39

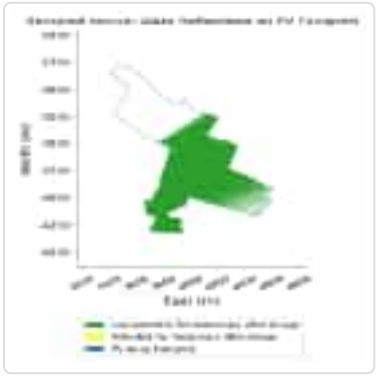
PV array is expected to produce the following glare for this receptor:

- 967 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 40

No glare found

PV array 11: OP 41

No glare found

PV array 11: OP 42

No glare found

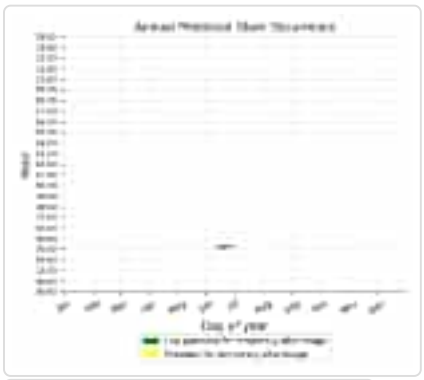
PV array 11: OP 43

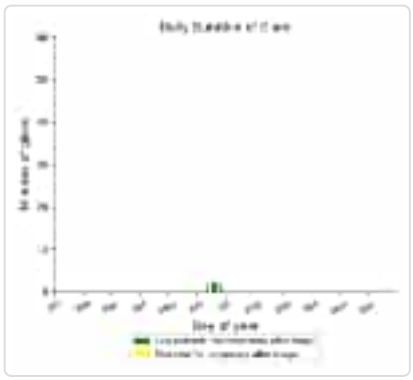
No glare found

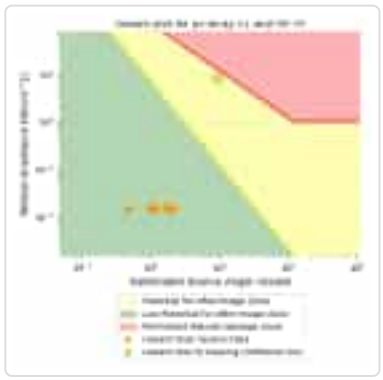
PV array 11: OP 44

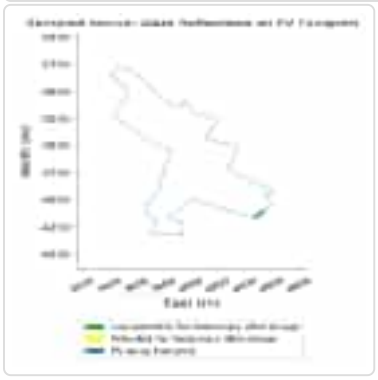
PV array is expected to produce the following glare for this receptor:

- 16 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





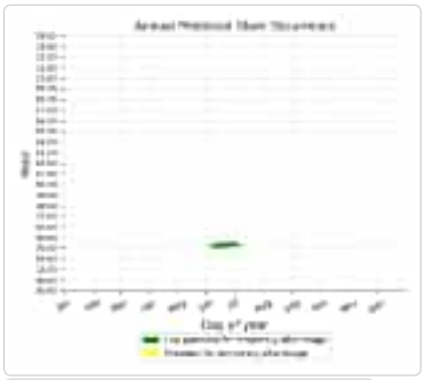


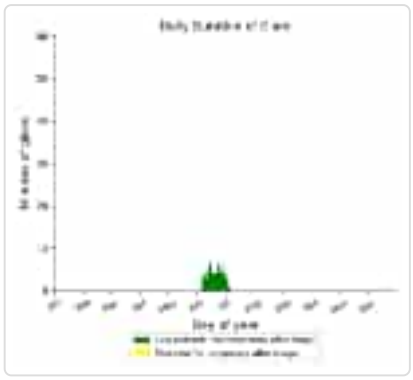


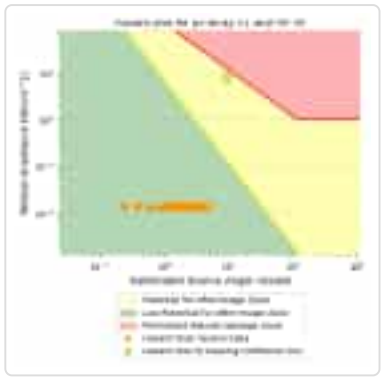
PV array 11: OP 45

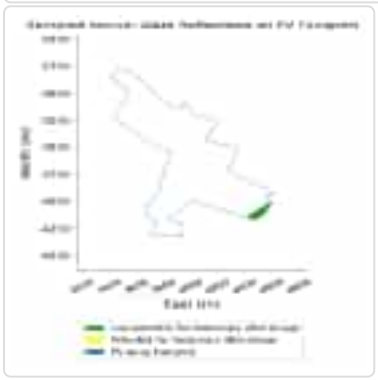
PV array is expected to produce the following glare for this receptor:

- 134 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 46

No glare found

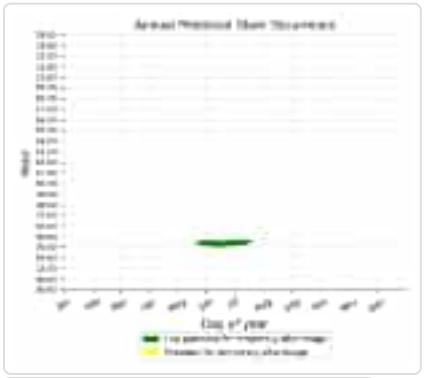
PV array 11: OP 47

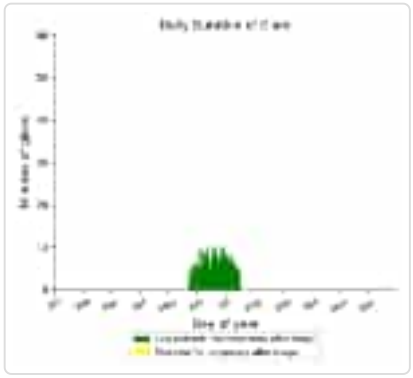
No glare found

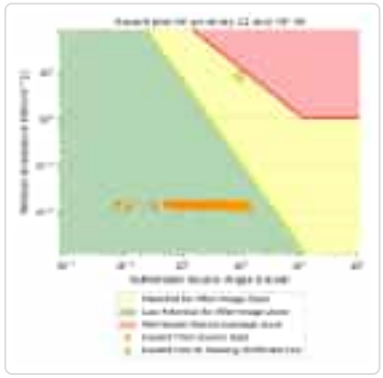
PV array 11: OP 48

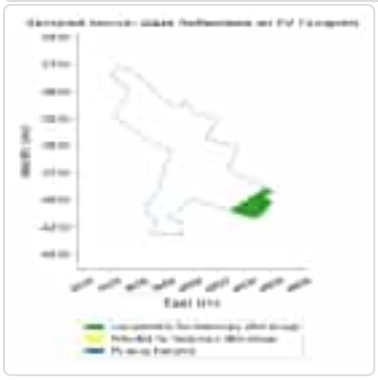
PV array is expected to produce the following glare for this receptor:

- 400 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





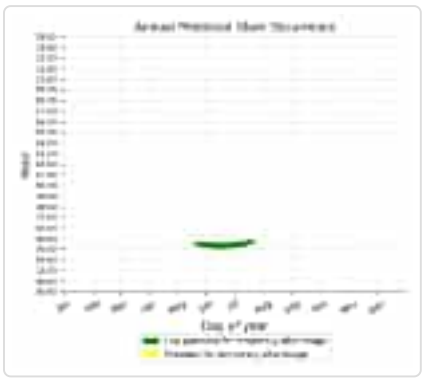


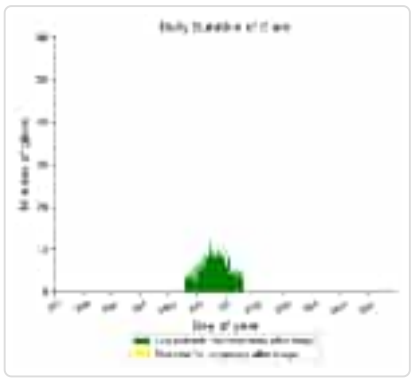


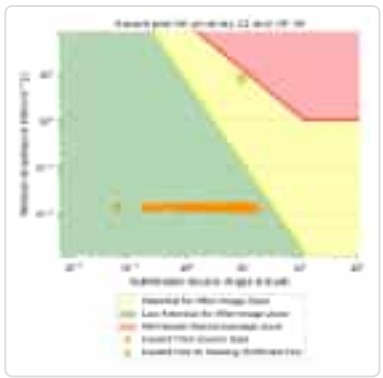
PV array 11: OP 49

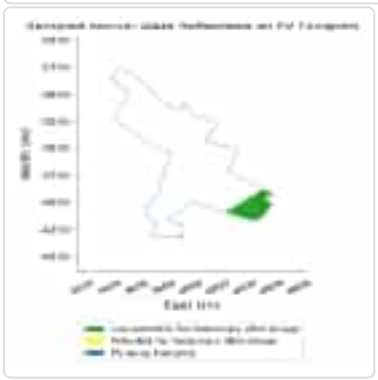
PV array is expected to produce the following glare for this receptor:

- 396 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





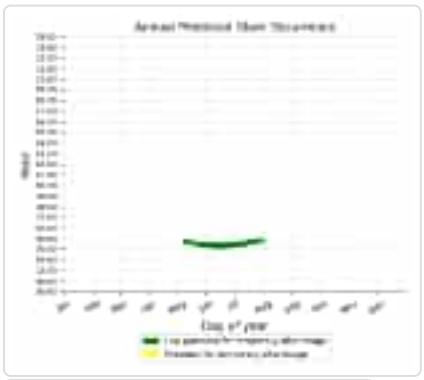


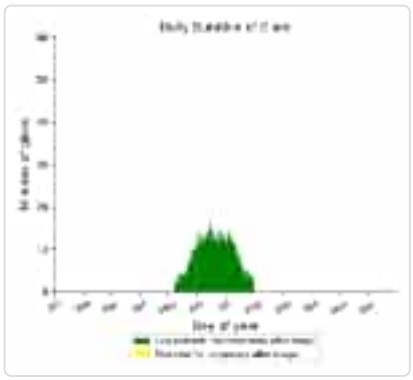


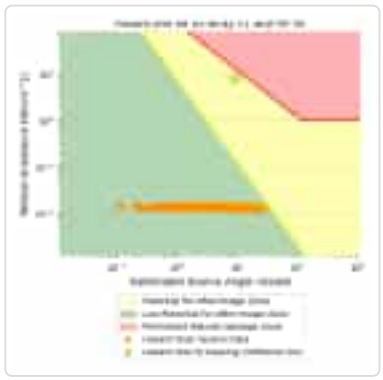
PV array 11: OP 50

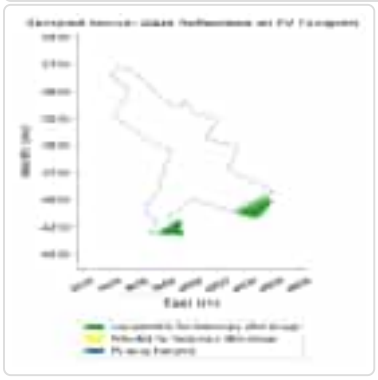
PV array is expected to produce the following glare for this receptor:

- 784 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 51

No glare found

PV array 11: OP 52

No glare found

PV array 11: OP 53

No glare found

PV array 11: OP 54

No glare found

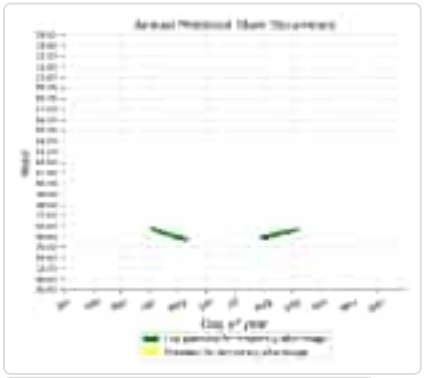
PV array 11: OP 55

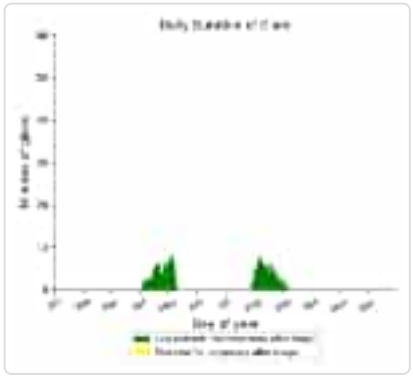
No glare found

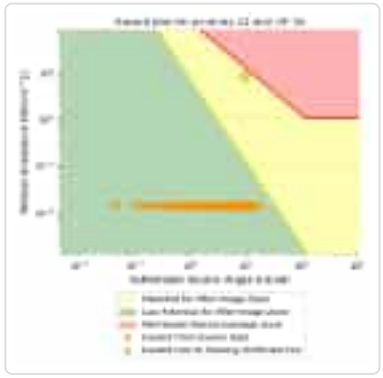
PV array 11: OP 56

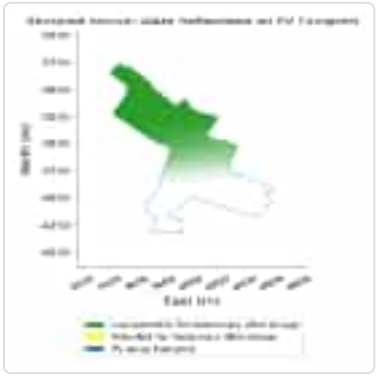
PV array is expected to produce the following glare for this receptor:

- 336 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









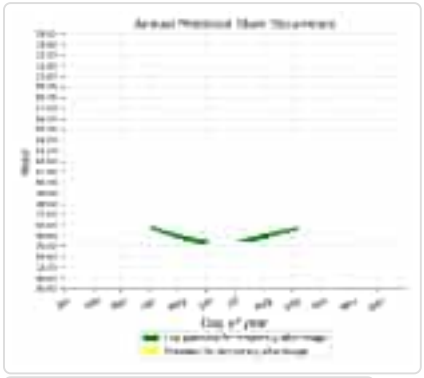
PV array 11: OP 57

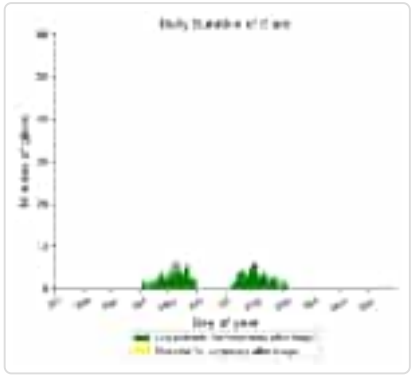
No glare found

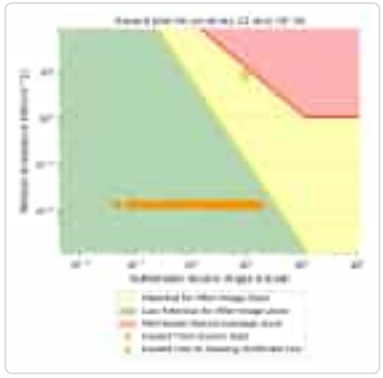
PV array 11: OP 58

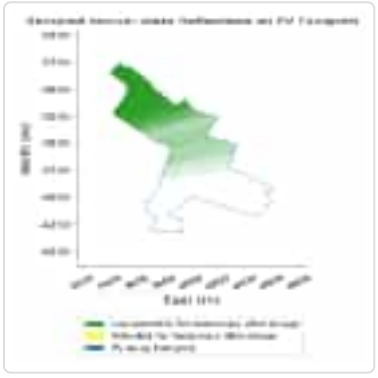
PV array is expected to produce the following glare for this receptor:

- 352 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





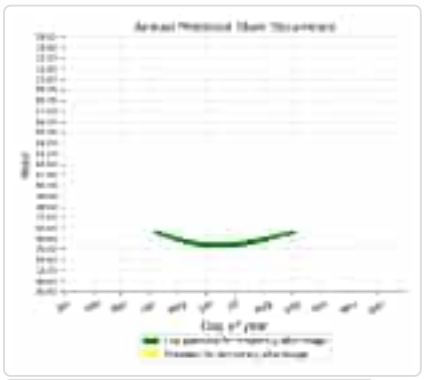


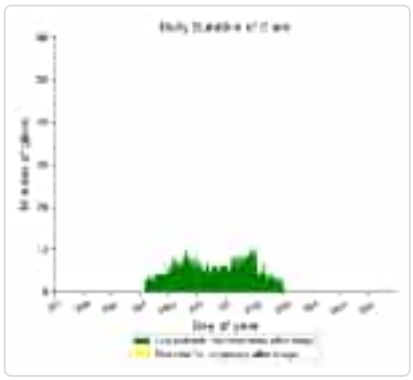


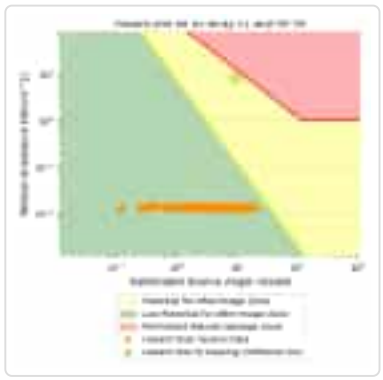
PV array 11: OP 59

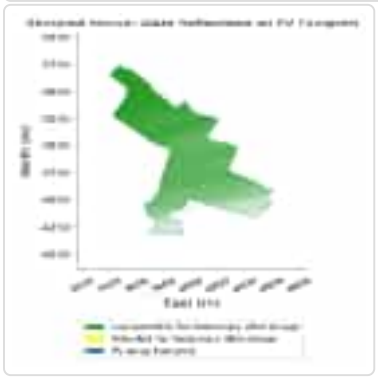
PV array is expected to produce the following glare for this receptor:

- 858 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





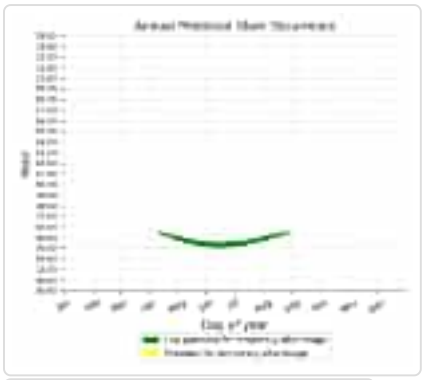


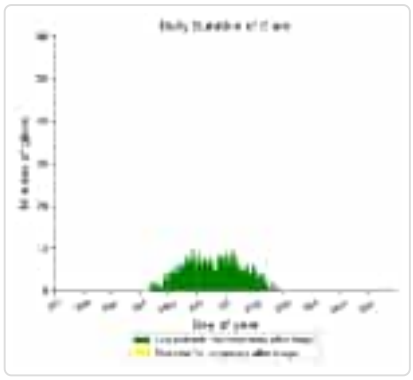


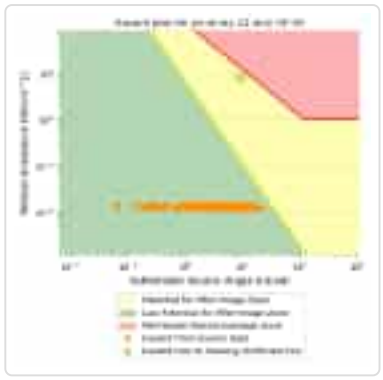
PV array 11: OP 60

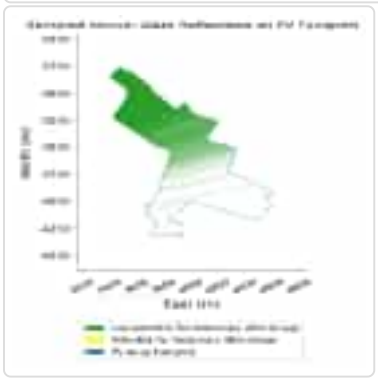
PV array is expected to produce the following glare for this receptor:

- 681 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





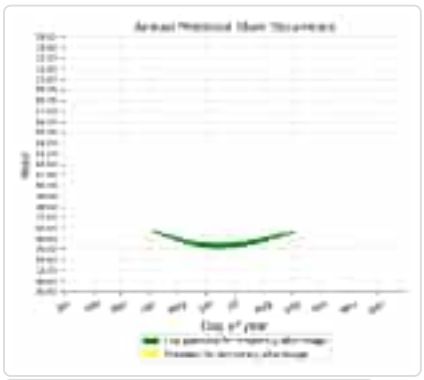


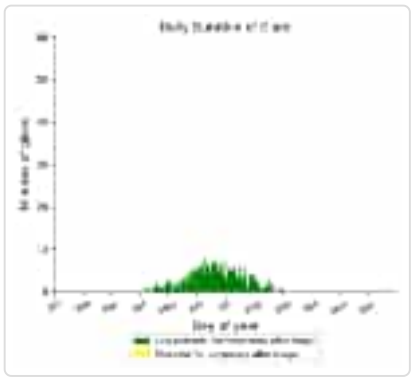


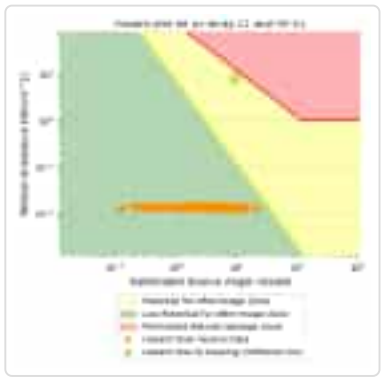
PV array 11: OP 61

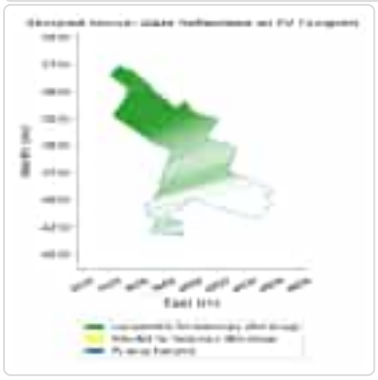
PV array is expected to produce the following glare for this receptor:

- 450 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





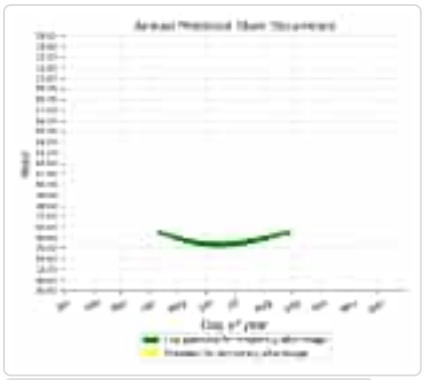


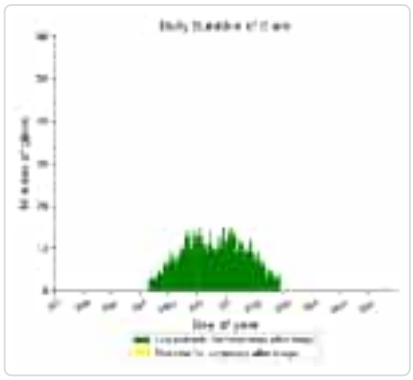


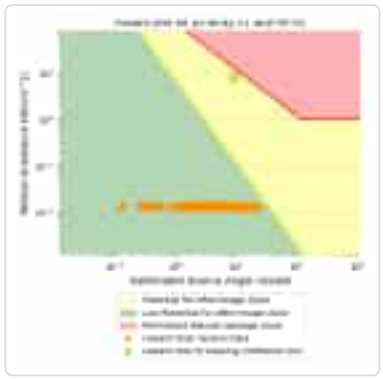
PV array 11: OP 62

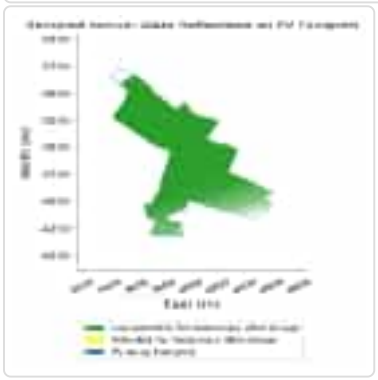
PV array is expected to produce the following glare for this receptor:

- 1,247 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





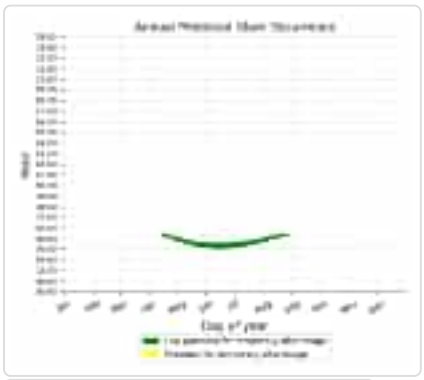


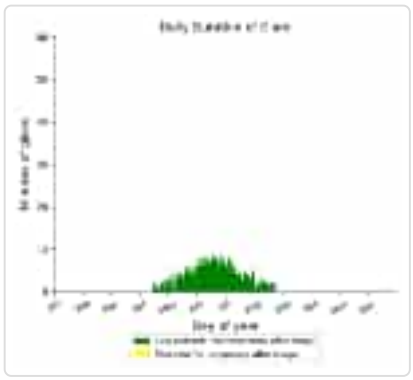


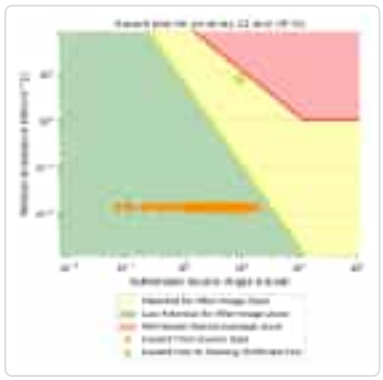
PV array 11: OP 63

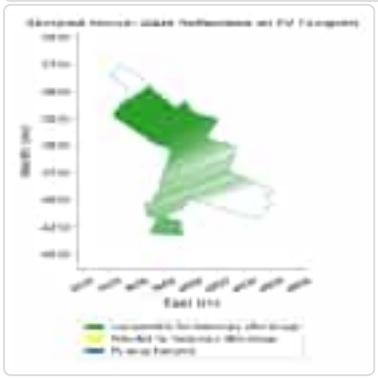
PV array is expected to produce the following glare for this receptor:

- 581 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





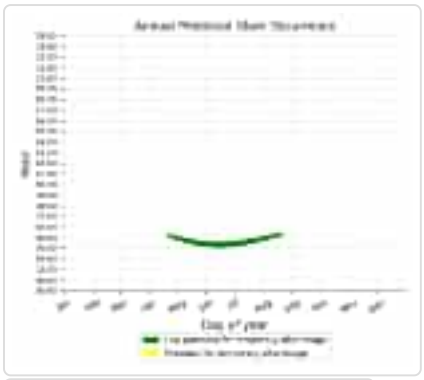


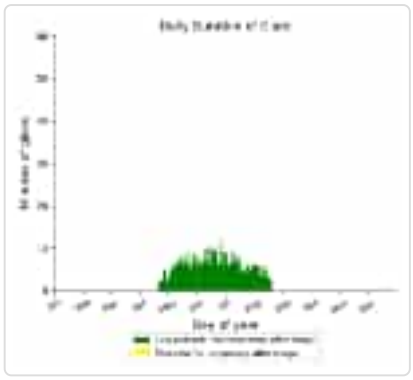


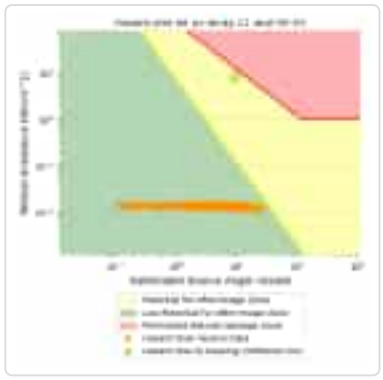
PV array 11: OP 64

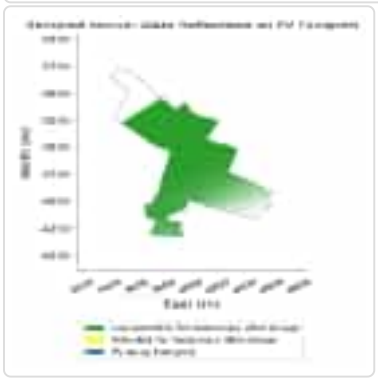
PV array is expected to produce the following glare for this receptor:

- 765 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)

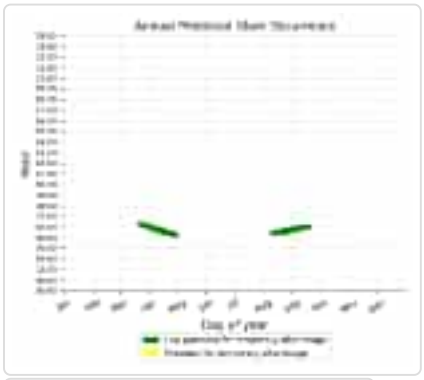
OP: OP 1	1279	0
OP: OP 2	1193	0
OP: OP 3	1454	0
OP: OP 4	1282	0
OP: OP 5	1549	0
OP: OP 6	1469	0
OP: OP 7	1188	0
OP: OP 8	17	0
OP: OP 9	0	0
OP: OP 10	1605	0
OP: OP 11	2131	0
OP: OP 12	1908	0
OP: OP 13	31	0
OP: OP 14	836	0
OP: OP 15	519	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	682	0
OP: OP 24	748	0
OP: OP 25	727	0
OP: OP 26	768	0
OP: OP 27	25	0
OP: OP 28	22	0
OP: OP 29	714	0
OP: OP 30	547	0
OP: OP 31	656	0
OP: OP 32	620	0
OP: OP 33	531	0
OP: OP 34	677	0
OP: OP 35	665	0
OP: OP 36	599	0
OP: OP 37	669	0
OP: OP 38	731	0
OP: OP 39	703	0
OP: OP 40	857	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	727	0
OP: OP 47	826	0
OP: OP 48	972	0
OP: OP 49	1050	0
OP: OP 50	1146	0
OP: OP 51	1801	0
OP: OP 52	1449	0
OP: OP 53	1025	0
OP: OP 54	0	0

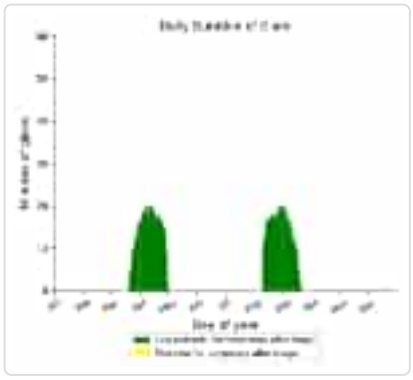
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	376	0
OP: OP 58	528	0
OP: OP 59	609	0
OP: OP 60	628	0
OP: OP 61	700	0
OP: OP 62	626	0
OP: OP 63	644	0
OP: OP 64	659	0

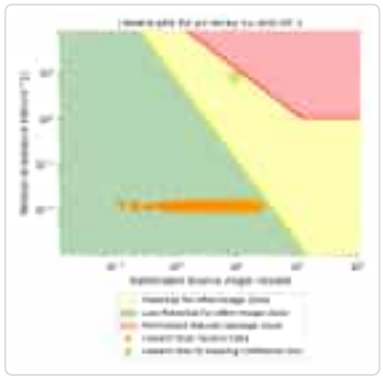
PV array 12: OP 1

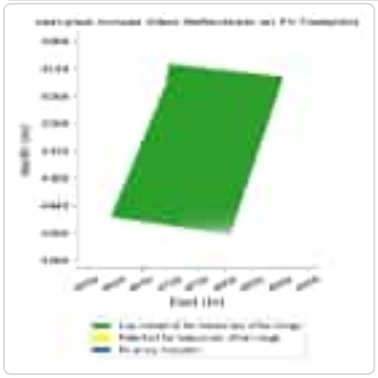
PV array is expected to produce the following glare for this receptor:

- 1,279 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





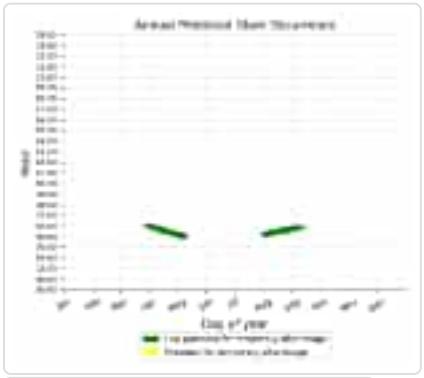


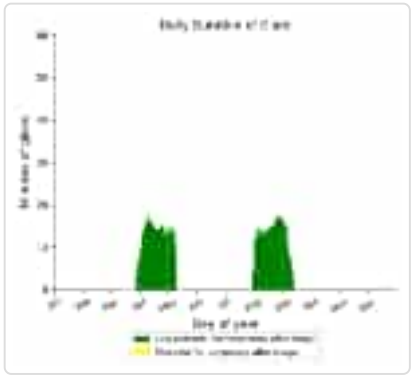


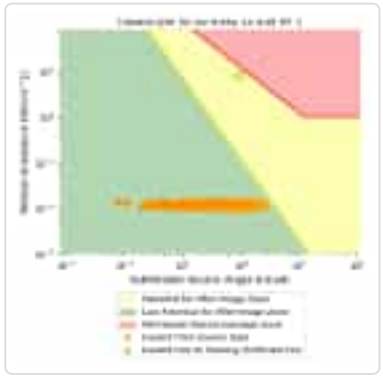
PV array 12: OP 2

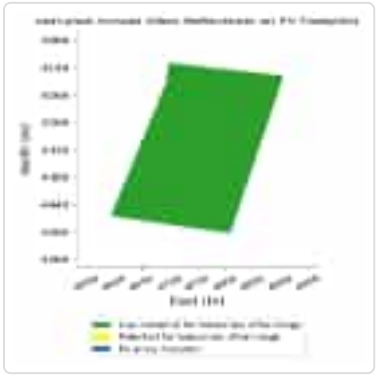
PV array is expected to produce the following glare for this receptor:

- 1,193 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





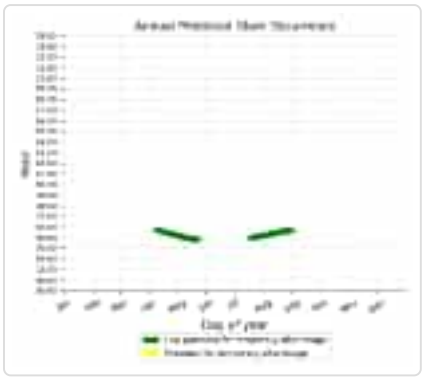


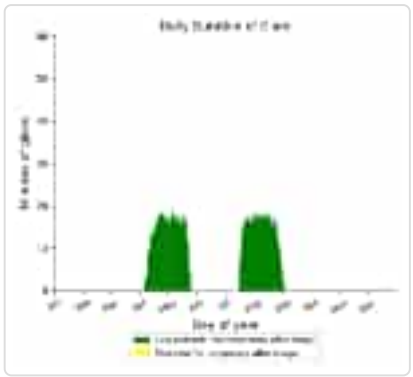


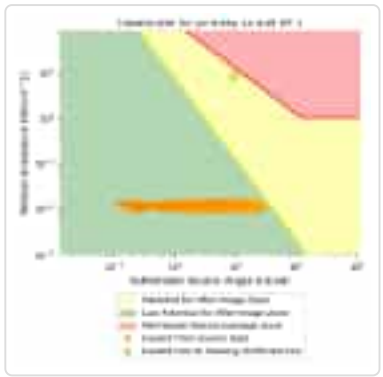
PV array 12: OP 3

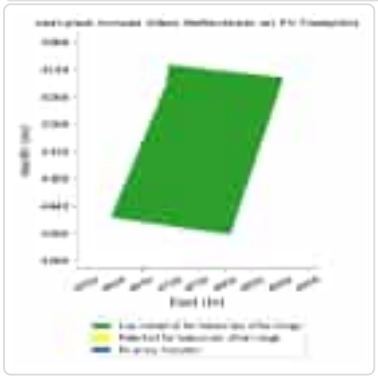
PV array is expected to produce the following glare for this receptor:

- 1,454 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





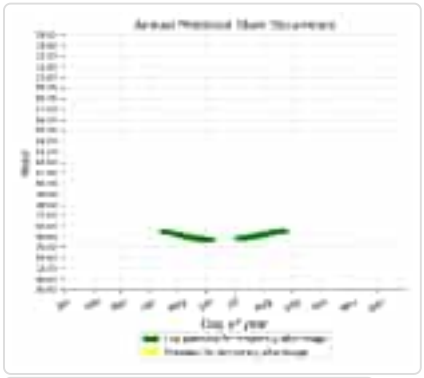


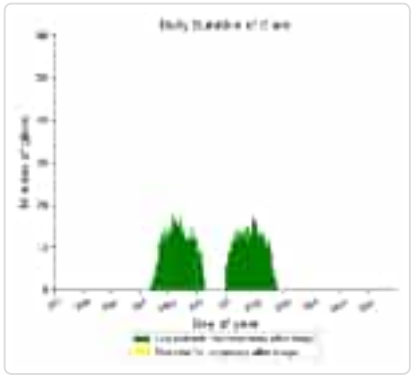


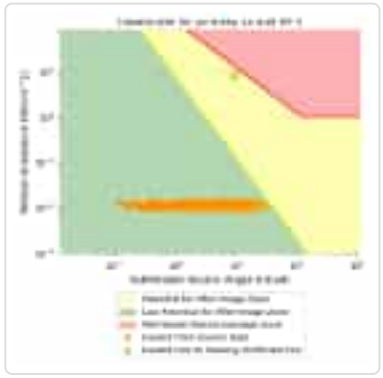
PV array 12: OP 4

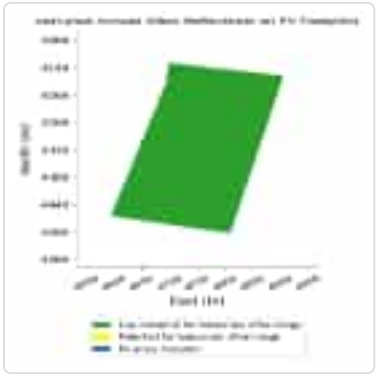
PV array is expected to produce the following glare for this receptor:

- 1,282 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





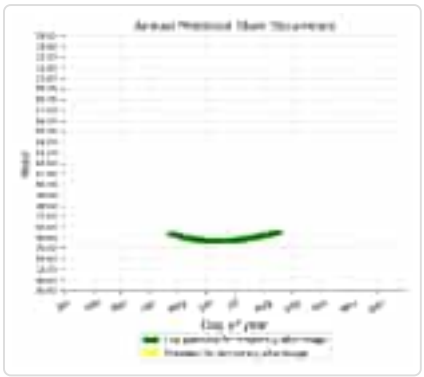


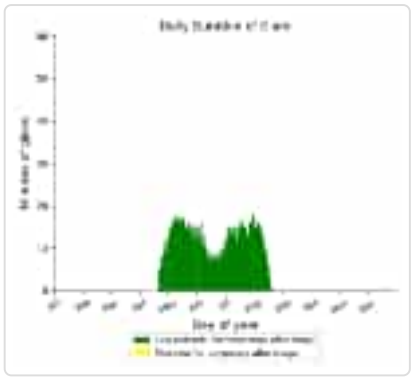


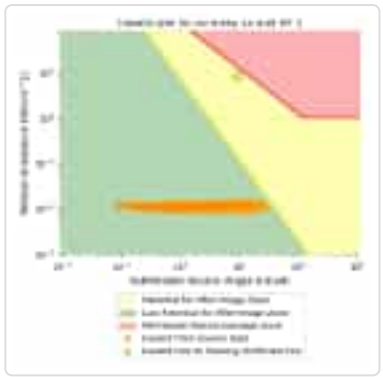
PV array 12: OP 5

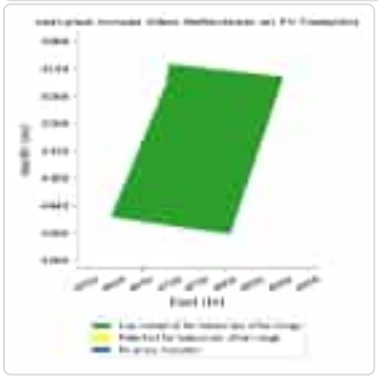
PV array is expected to produce the following glare for this receptor:

- 1,549 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





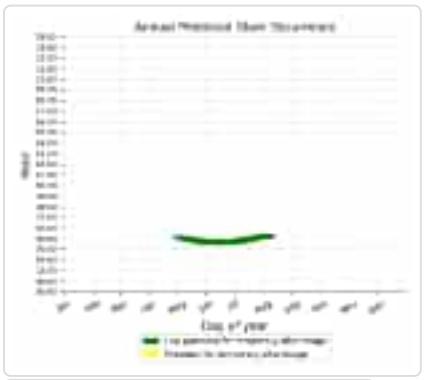


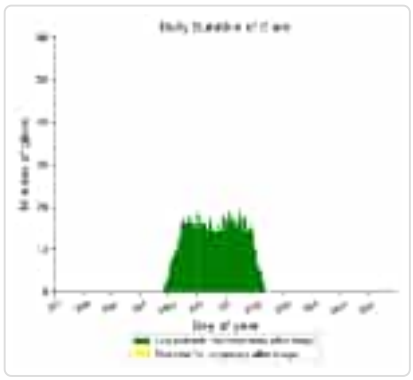


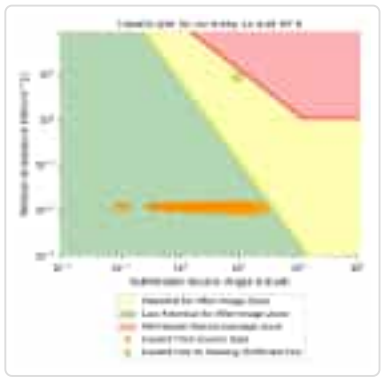
PV array 12: OP 6

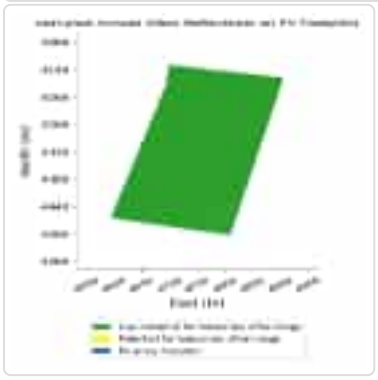
PV array is expected to produce the following glare for this receptor:

- 1,469 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





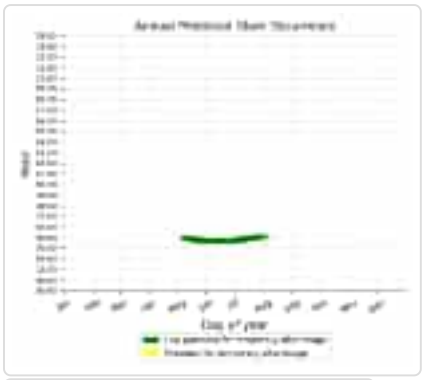


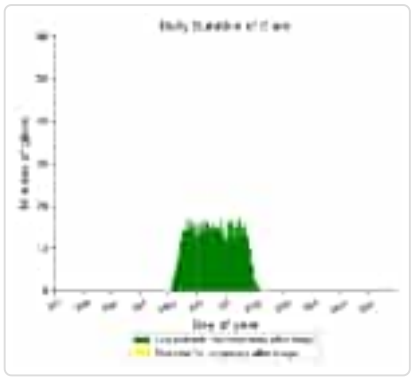


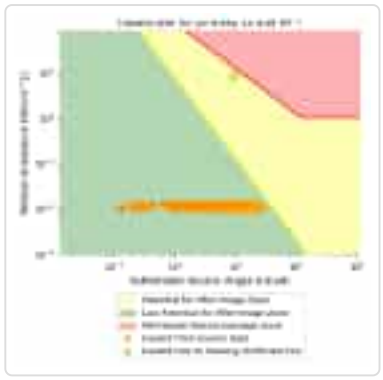
PV array 12: OP 7

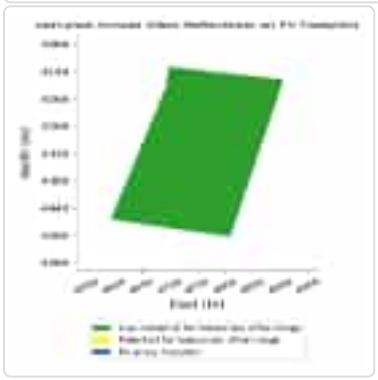
PV array is expected to produce the following glare for this receptor:

- 1,188 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





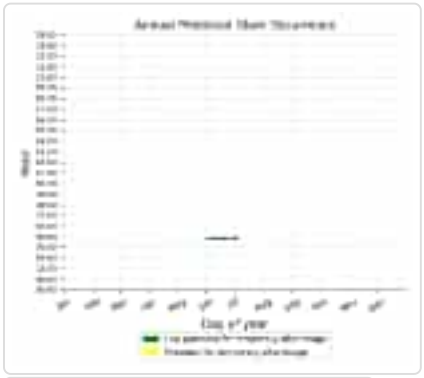


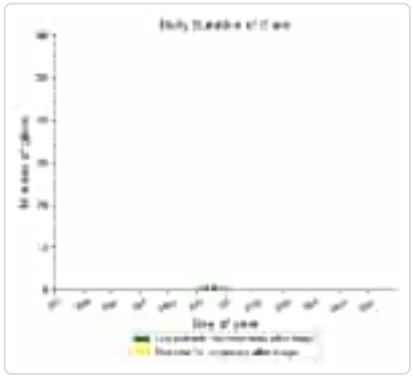


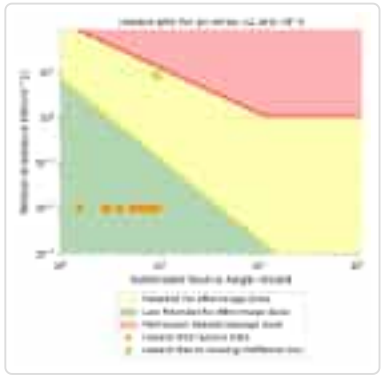
PV array 12: OP 8

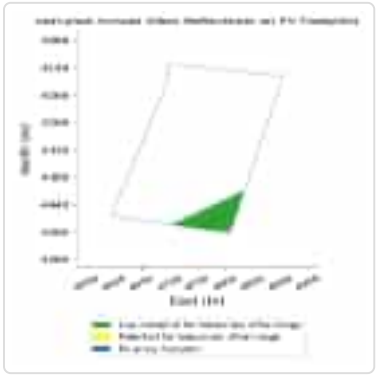
PV array is expected to produce the following glare for this receptor:

- 17 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









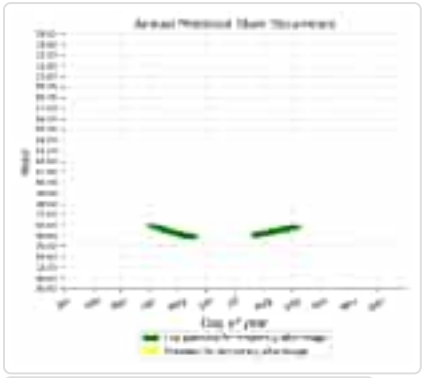
PV array 12: OP 9

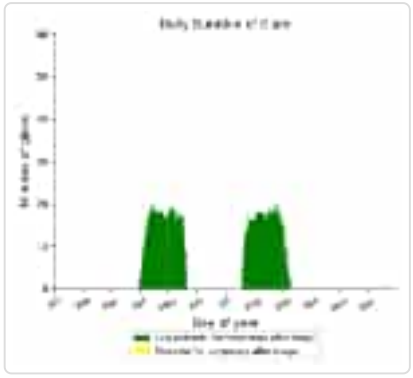
No glare found

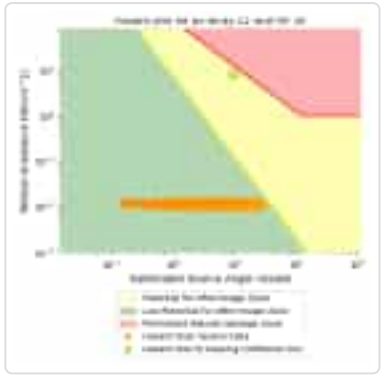
PV array 12: OP 10

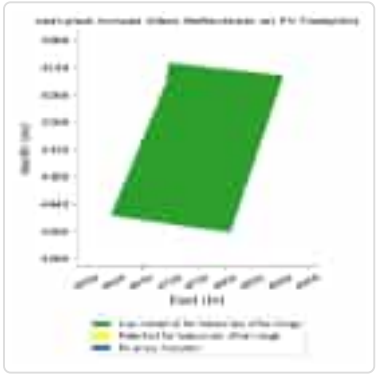
PV array is expected to produce the following glare for this receptor:

- 1,605 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





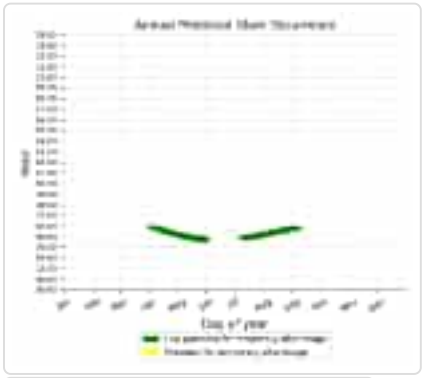


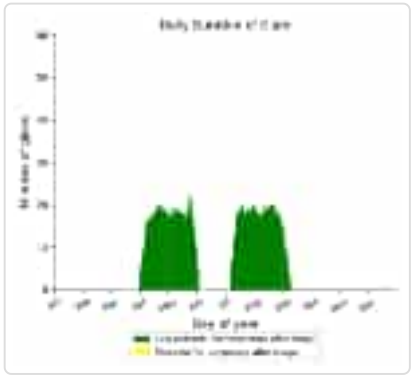


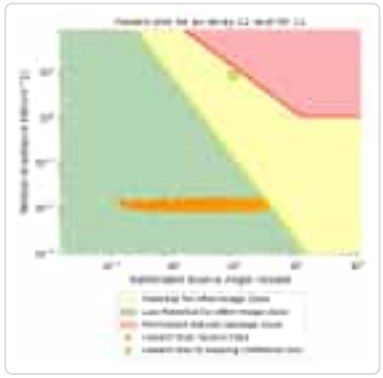
PV array 12: OP 11

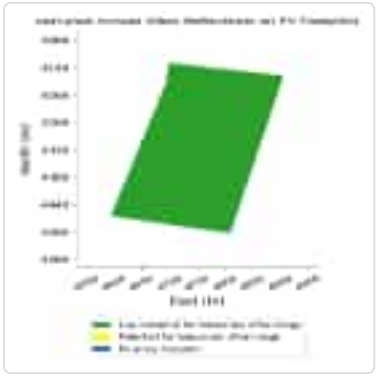
PV array is expected to produce the following glare for this receptor:

- 2,131 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





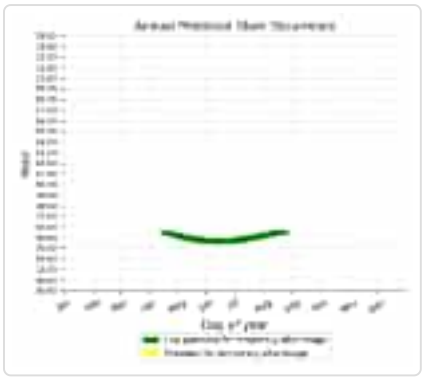


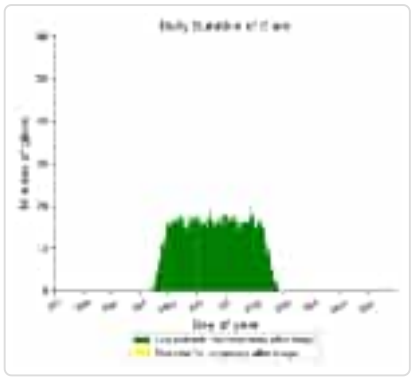


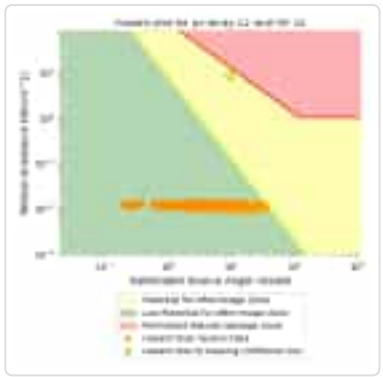
PV array 12: OP 12

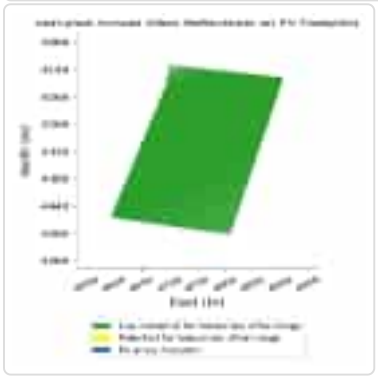
PV array is expected to produce the following glare for this receptor:

- 1,908 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





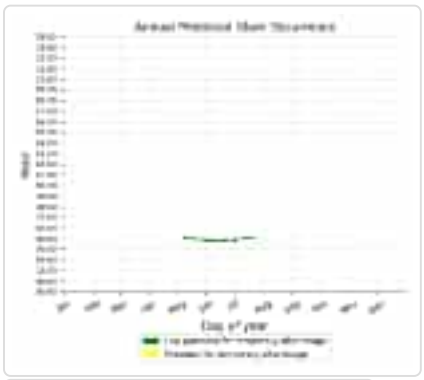


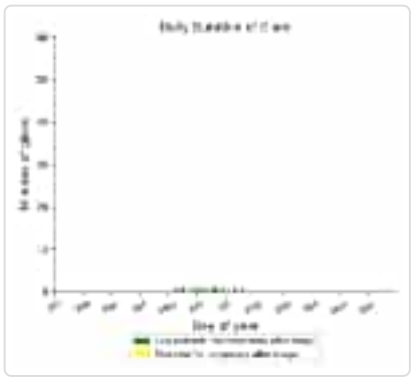


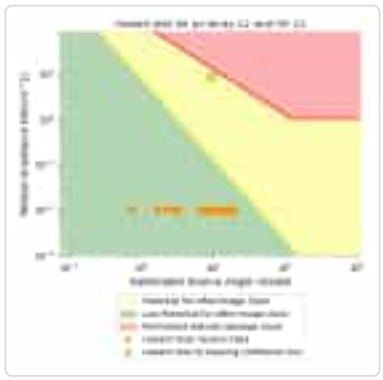
PV array 12: OP 13

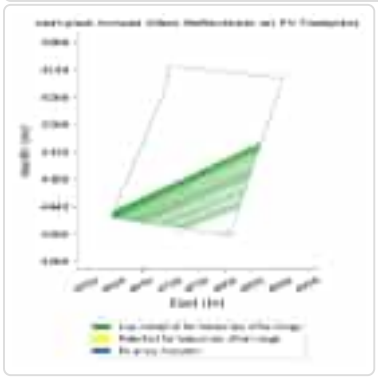
PV array is expected to produce the following glare for this receptor:

- 31 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





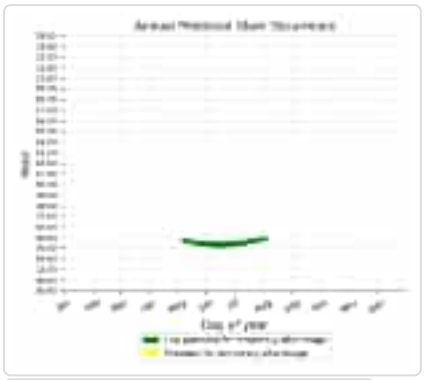


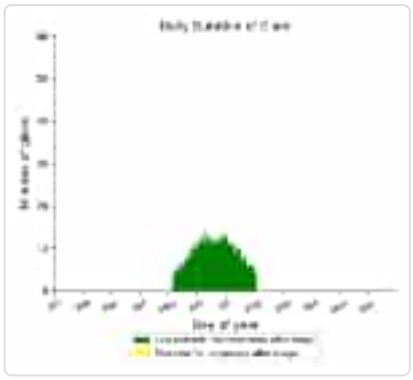


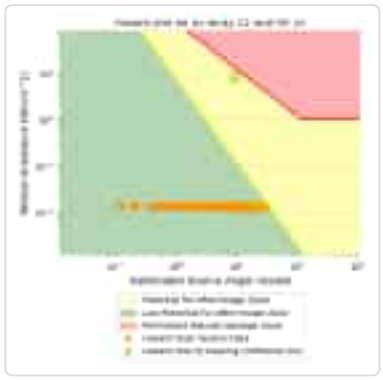
PV array 12: OP 14

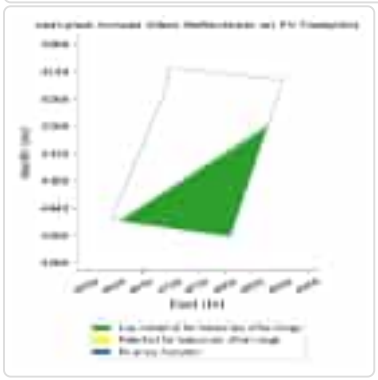
PV array is expected to produce the following glare for this receptor:

- 836 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





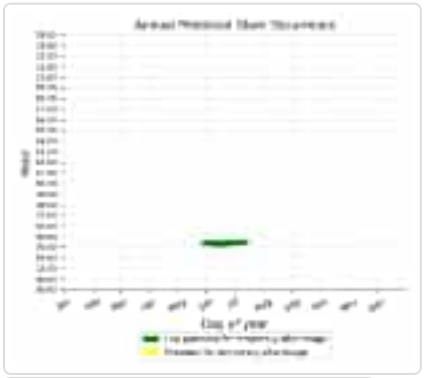


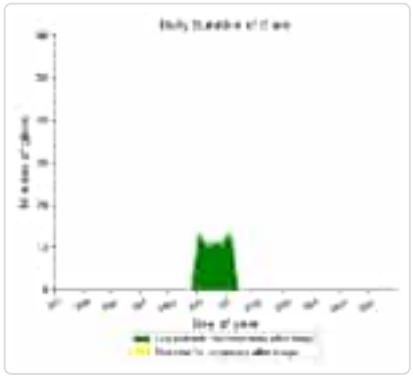


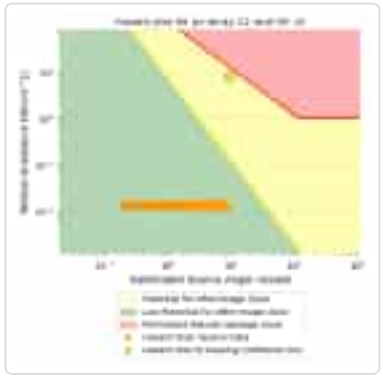
PV array 12: OP 15

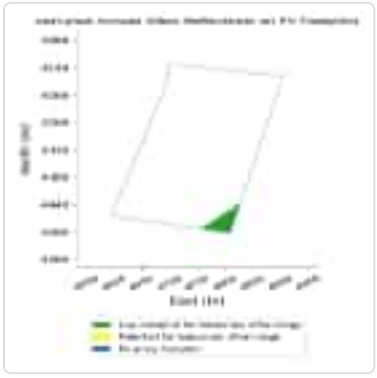
PV array is expected to produce the following glare for this receptor:

- 519 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12: OP 16

No glare found

PV array 12: OP 17

No glare found

PV array 12: OP 18

No glare found

PV array 12: OP 19

No glare found

PV array 12: OP 20

No glare found

PV array 12: OP 21

No glare found

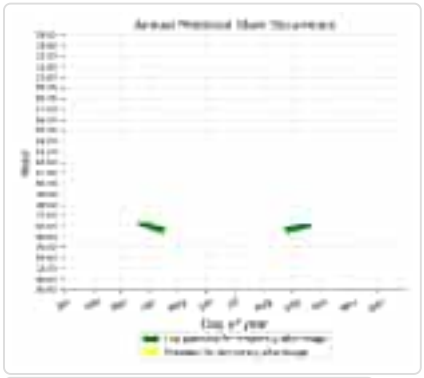
PV array 12: OP 22

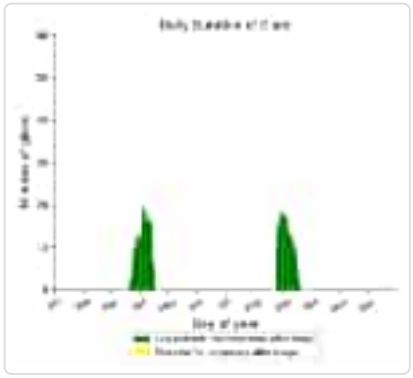
No glare found

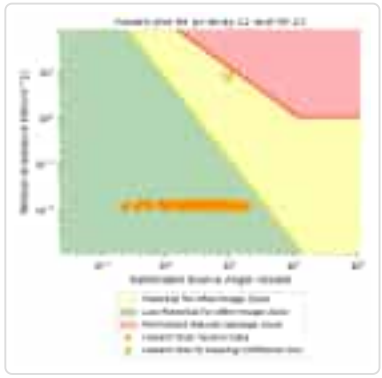
PV array 12: OP 23

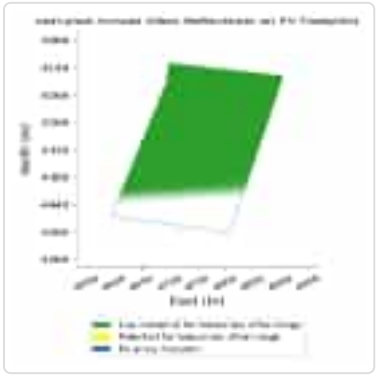
PV array is expected to produce the following glare for this receptor:

- 682 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





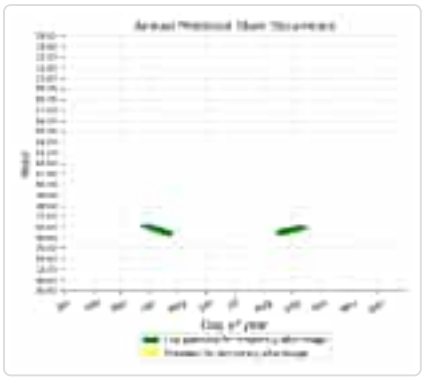


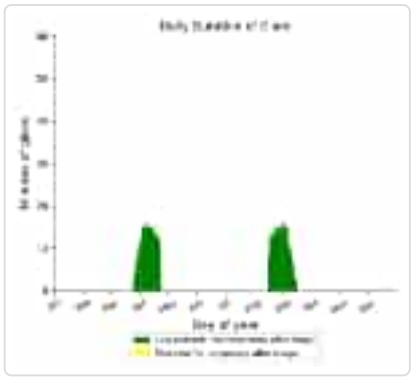


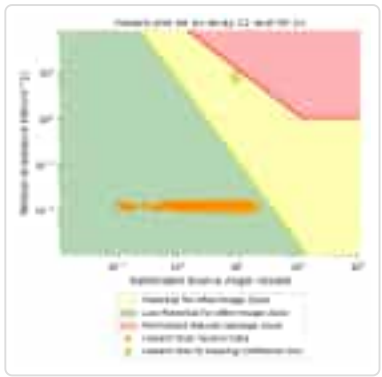
PV array 12: OP 24

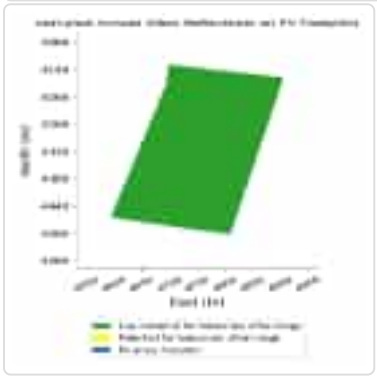
PV array is expected to produce the following glare for this receptor:

- 748 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





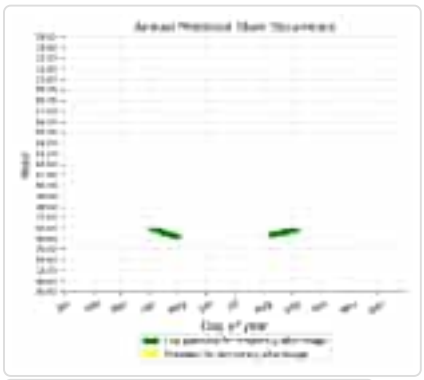


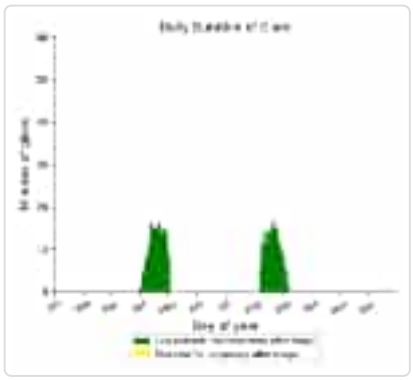


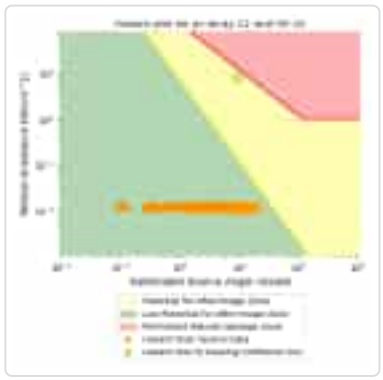
PV array 12: OP 25

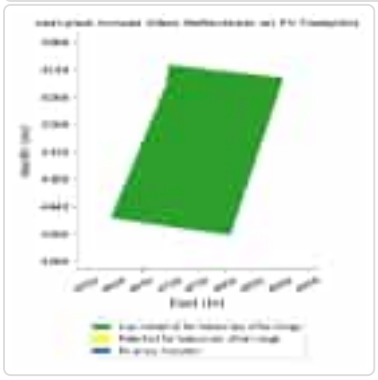
PV array is expected to produce the following glare for this receptor:

- 727 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





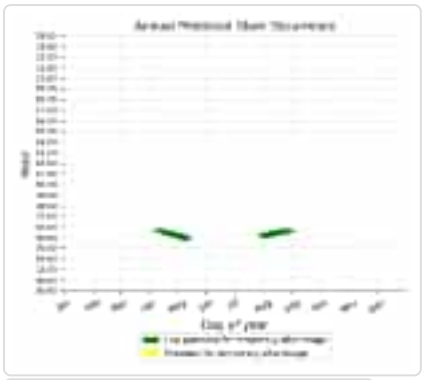


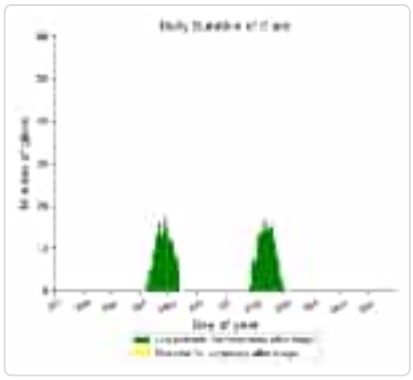


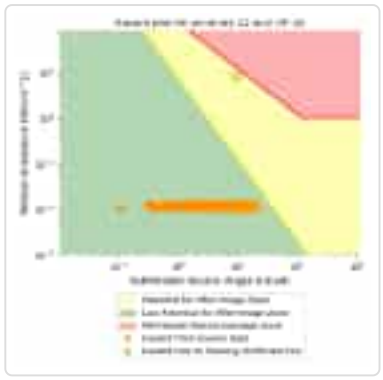
PV array 12: OP 26

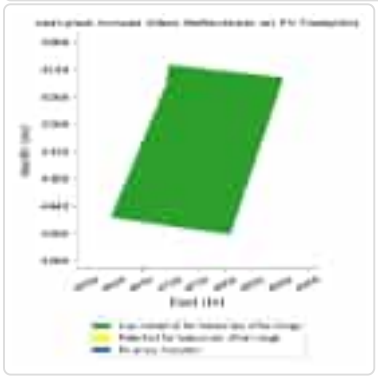
PV array is expected to produce the following glare for this receptor:

- 768 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





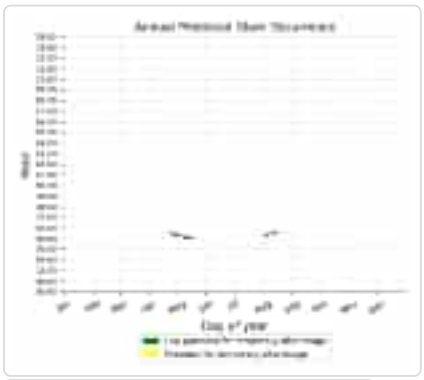


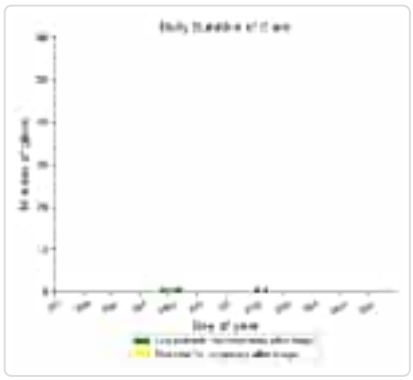


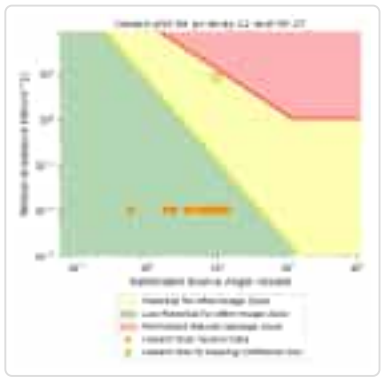
PV array 12: OP 27

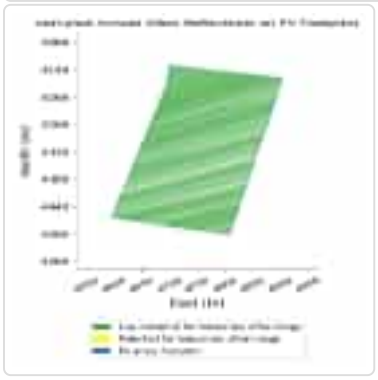
PV array is expected to produce the following glare for this receptor:

- 25 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





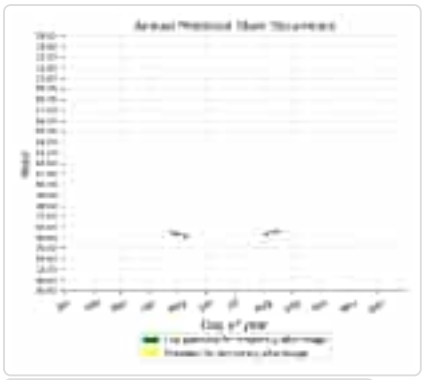


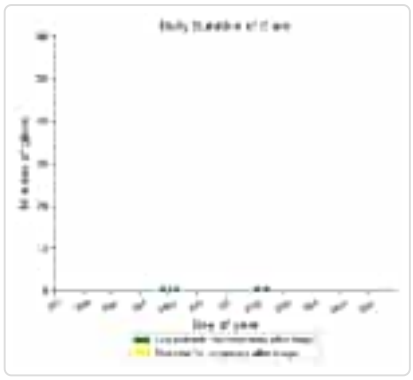


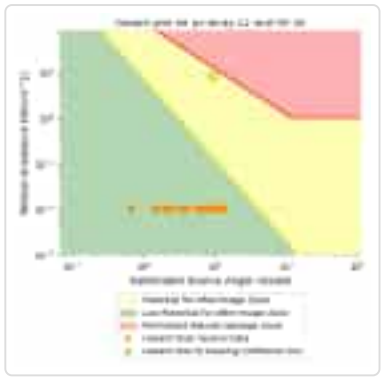
PV array 12: OP 28

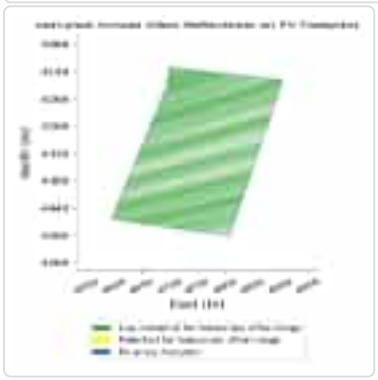
PV array is expected to produce the following glare for this receptor:

- 22 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





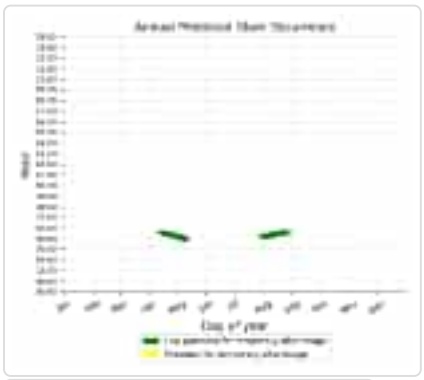


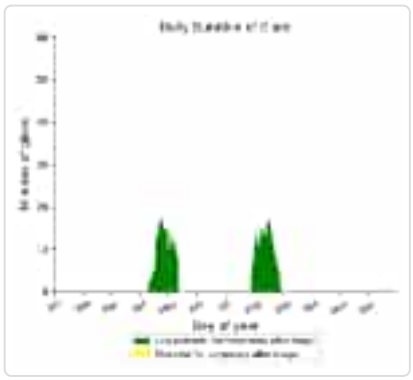


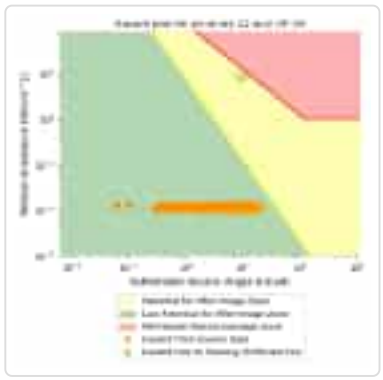
PV array 12: OP 29

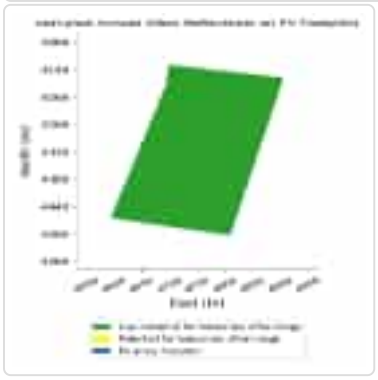
PV array is expected to produce the following glare for this receptor:

- 714 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





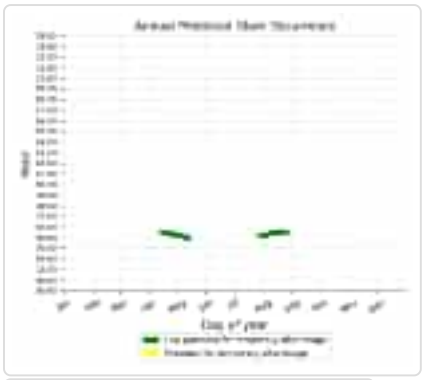


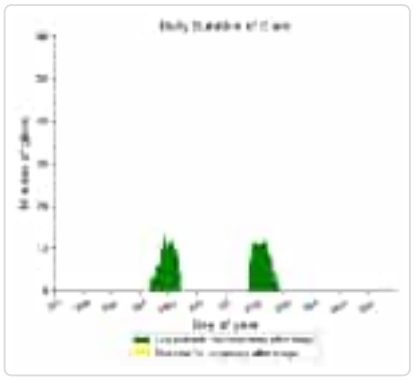


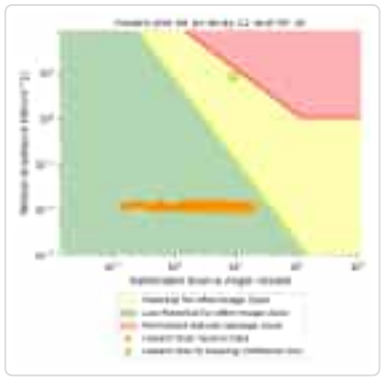
PV array 12: OP 30

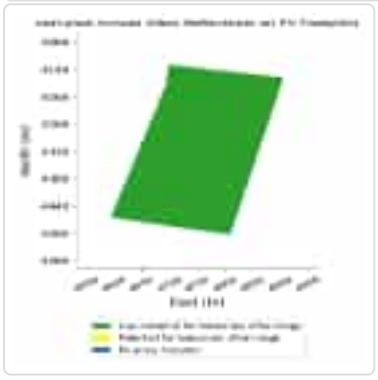
PV array is expected to produce the following glare for this receptor:

- 547 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





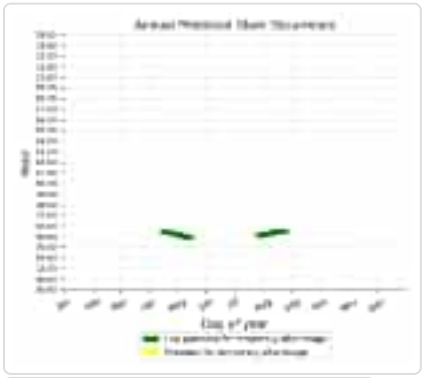


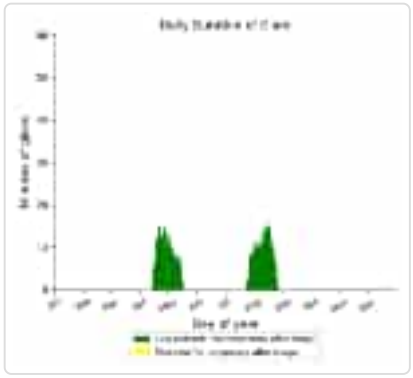


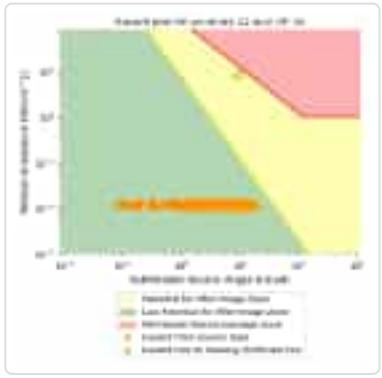
PV array 12: OP 31

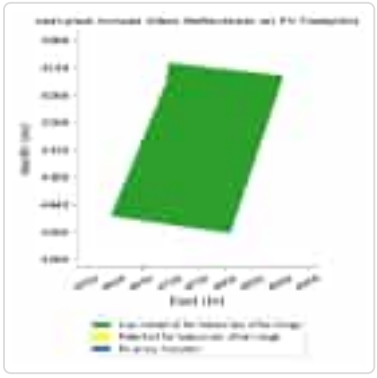
PV array is expected to produce the following glare for this receptor:

- 656 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





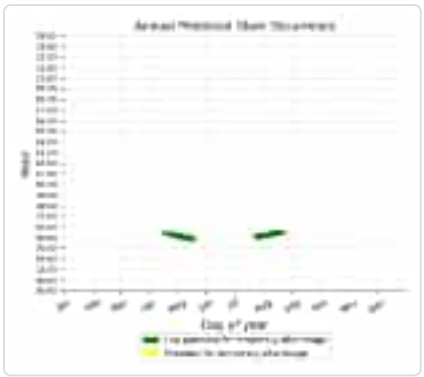


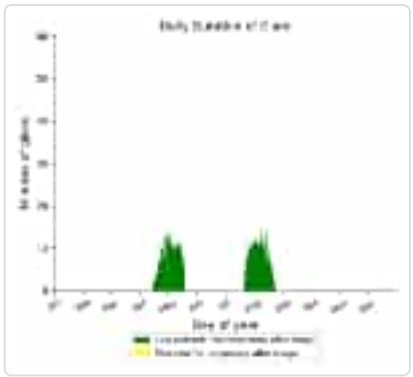


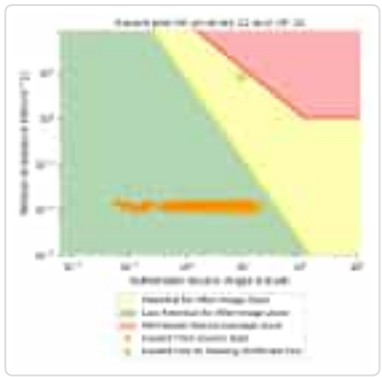
PV array 12: OP 32

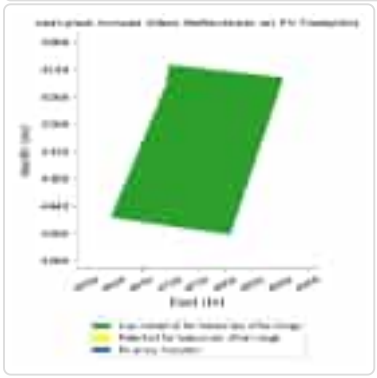
PV array is expected to produce the following glare for this receptor:

- 620 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





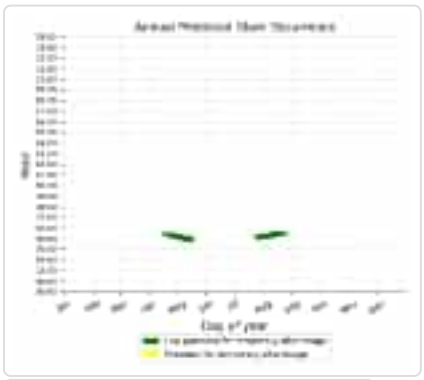


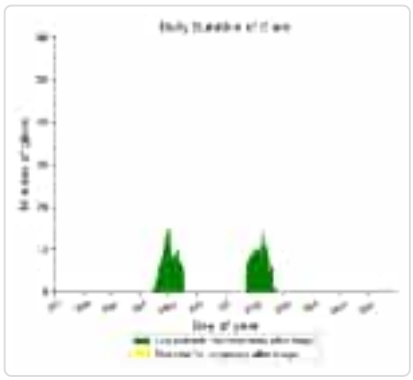


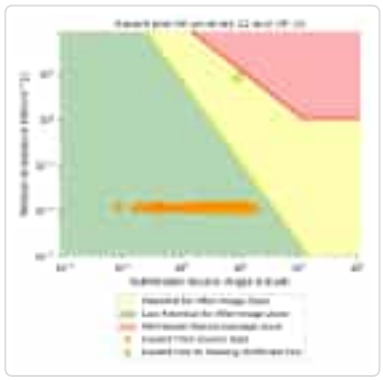
PV array 12: OP 33

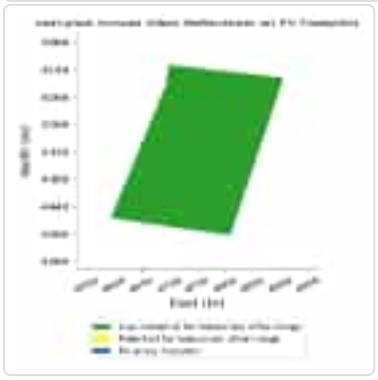
PV array is expected to produce the following glare for this receptor:

- 531 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





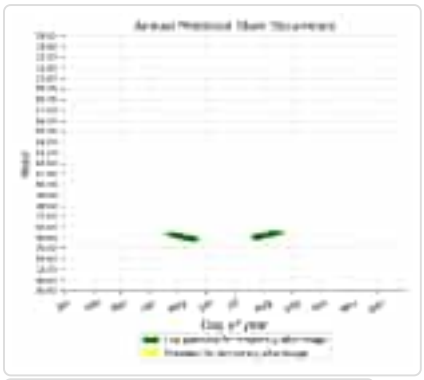


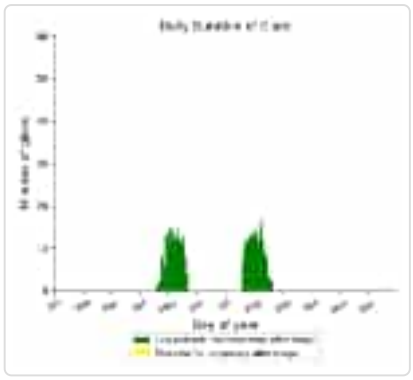


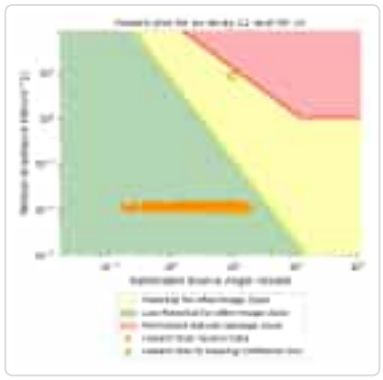
PV array 12: OP 34

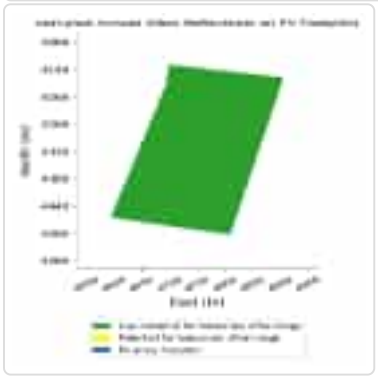
PV array is expected to produce the following glare for this receptor:

- 677 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





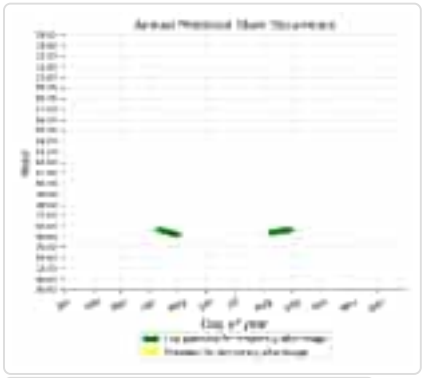


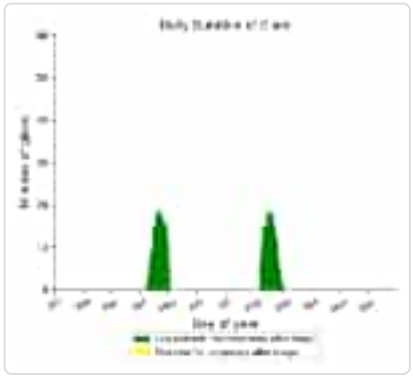


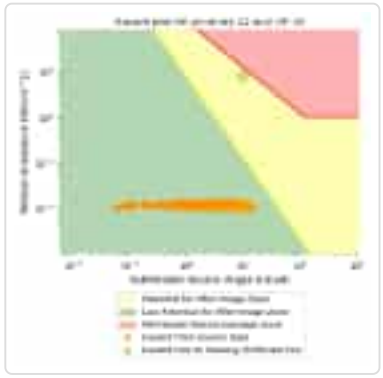
PV array 12: OP 35

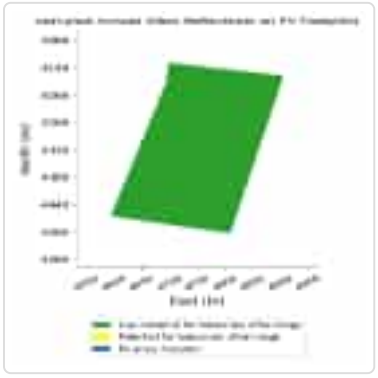
PV array is expected to produce the following glare for this receptor:

- 665 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





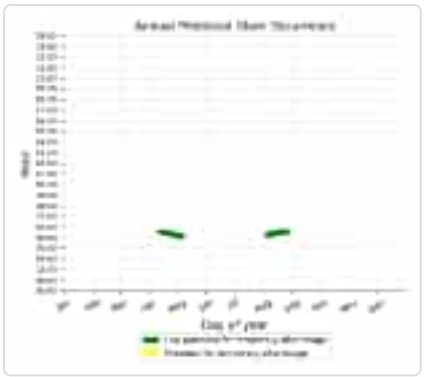


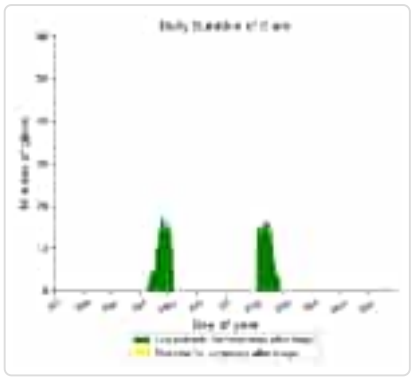


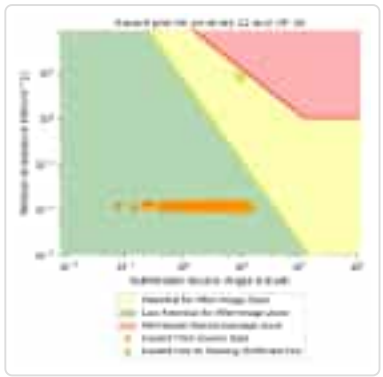
PV array 12: OP 36

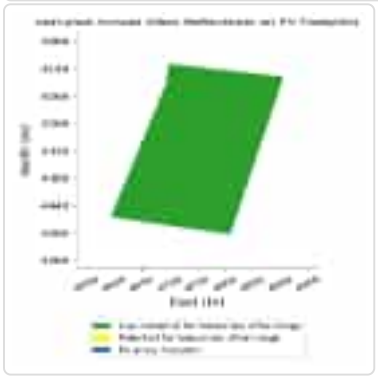
PV array is expected to produce the following glare for this receptor:

- 599 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





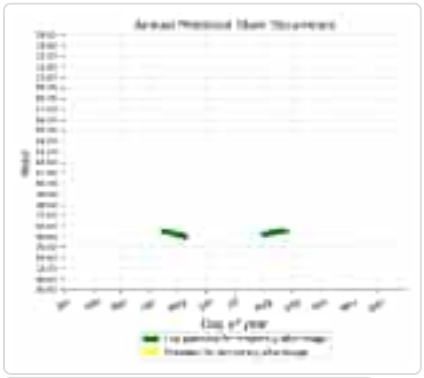


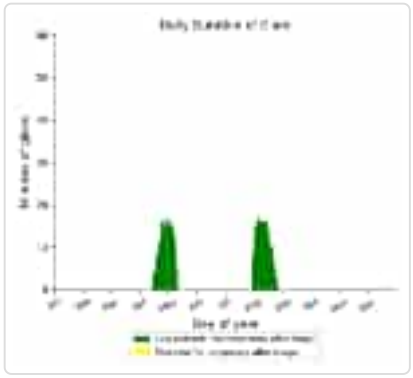


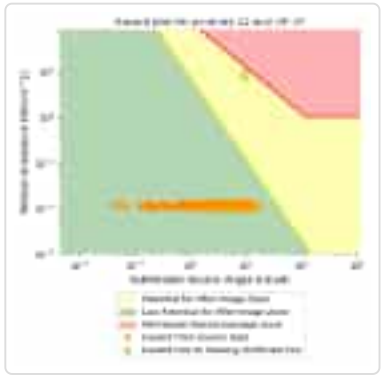
PV array 12: OP 37

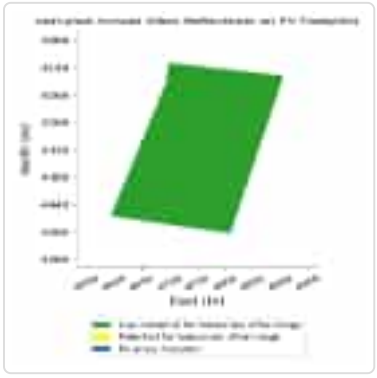
PV array is expected to produce the following glare for this receptor:

- 669 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





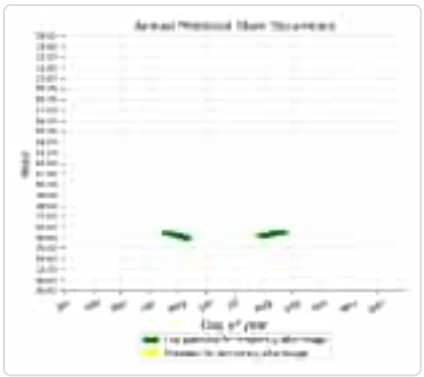


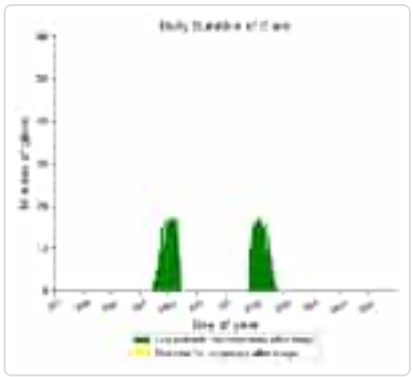


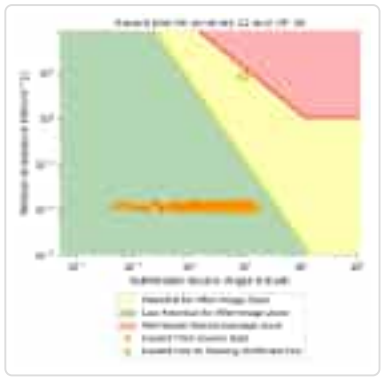
PV array 12: OP 38

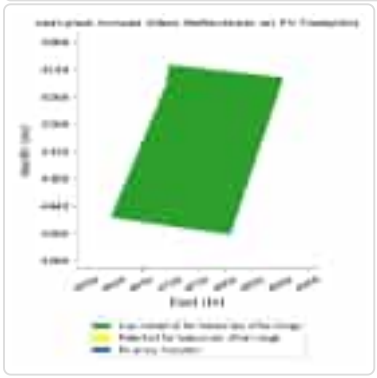
PV array is expected to produce the following glare for this receptor:

- 731 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





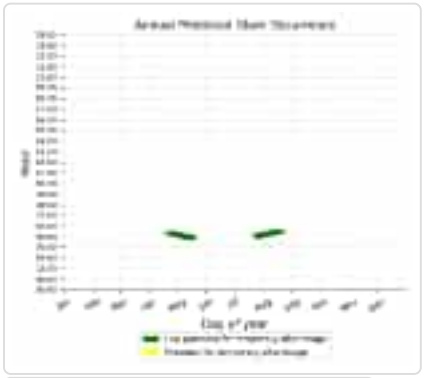


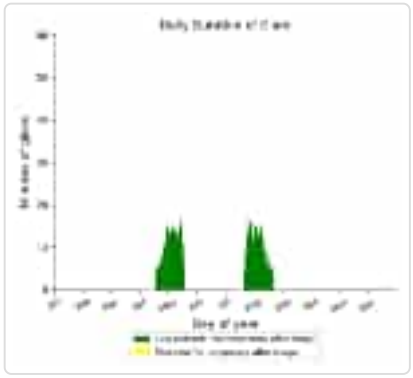


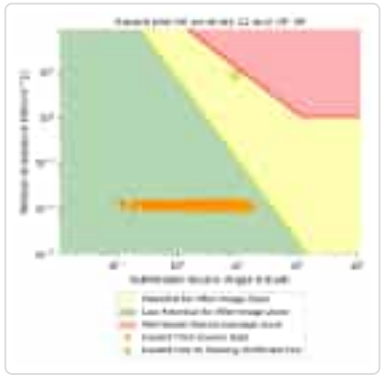
PV array 12: OP 39

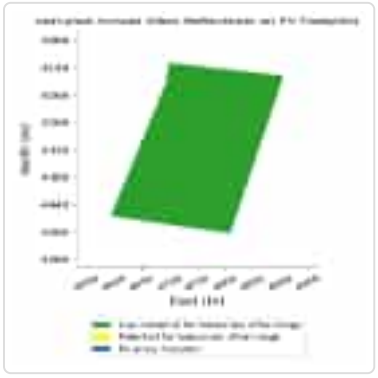
PV array is expected to produce the following glare for this receptor:

- 703 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





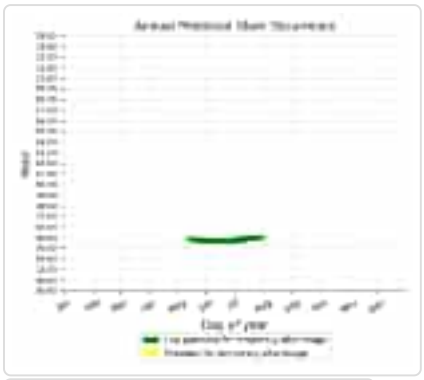


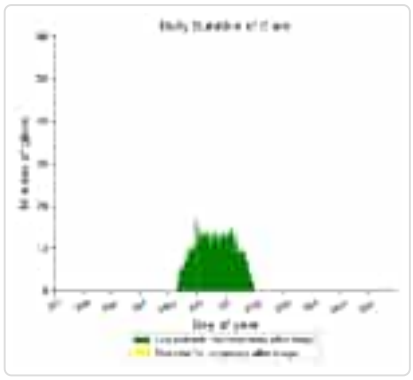


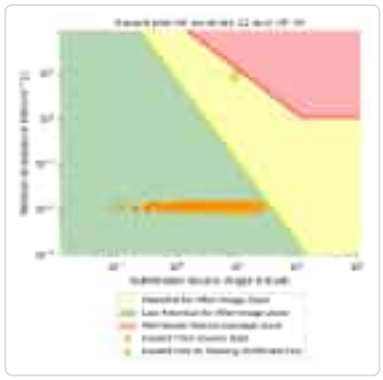
PV array 12: OP 40

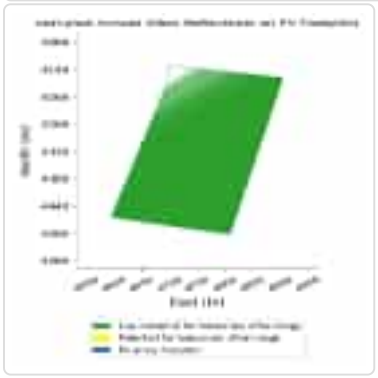
PV array is expected to produce the following glare for this receptor:

- 857 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12: OP 41

No glare found

PV array 12: OP 42

No glare found

PV array 12: OP 43

No glare found

PV array 12: OP 44

No glare found

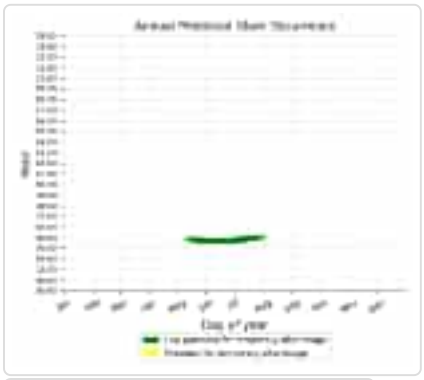
PV array 12: OP 45

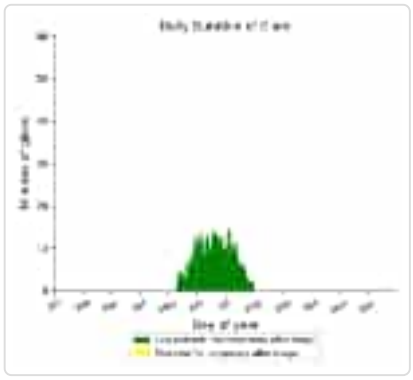
No glare found

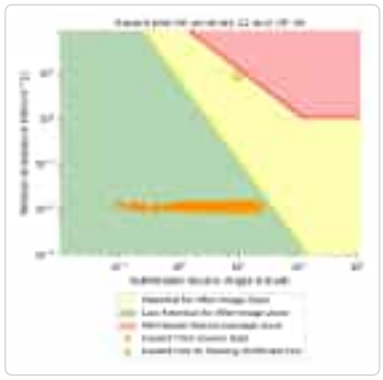
PV array 12: OP 46

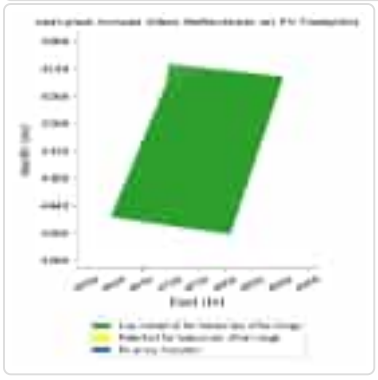
PV array is expected to produce the following glare for this receptor:

- 727 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





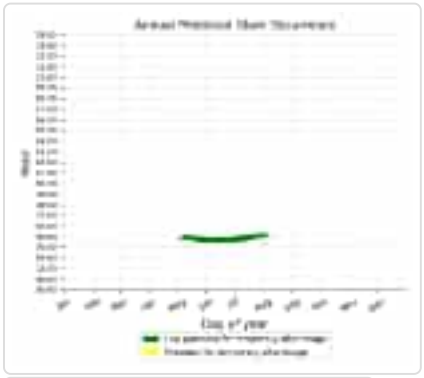


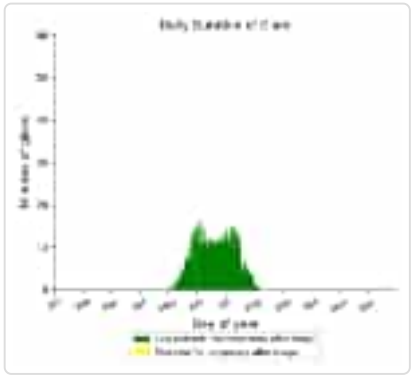


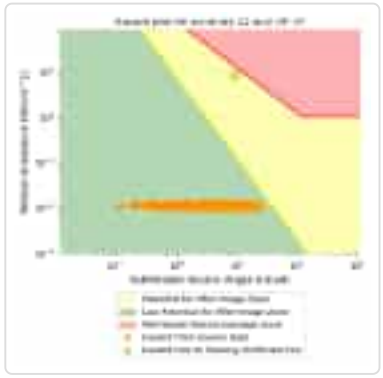
PV array 12: OP 47

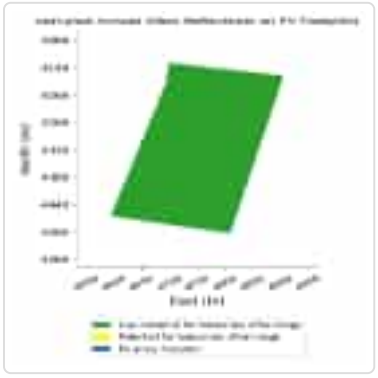
PV array is expected to produce the following glare for this receptor:

- 826 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





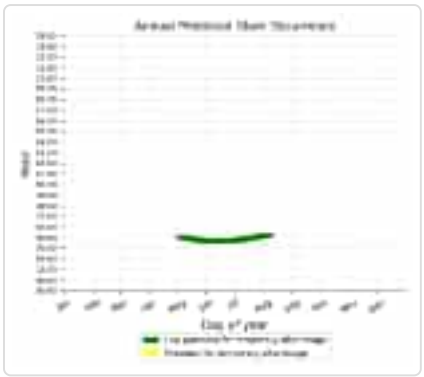


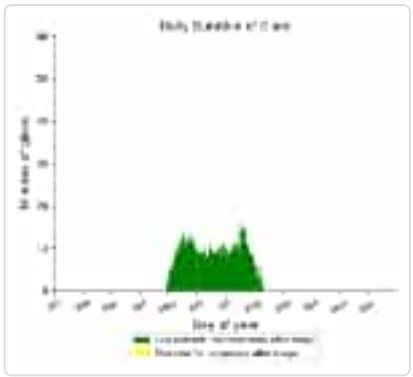


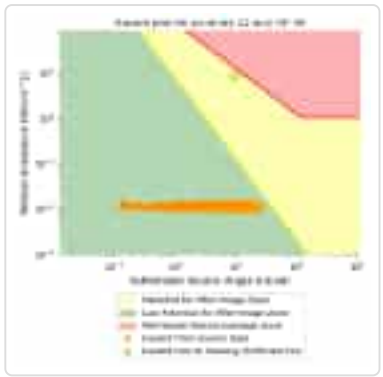
PV array 12: OP 48

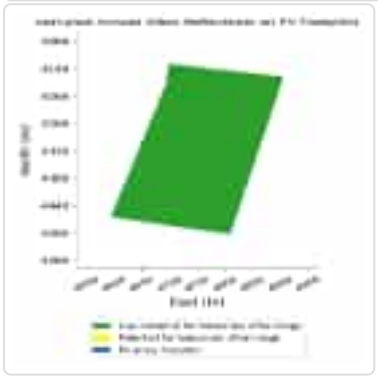
PV array is expected to produce the following glare for this receptor:

- 972 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





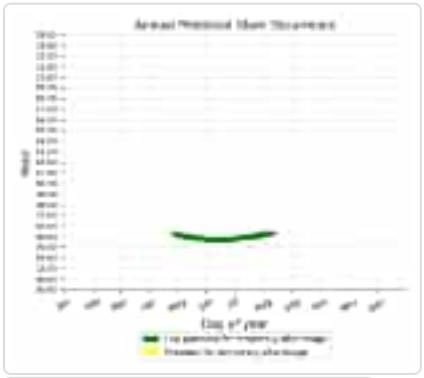


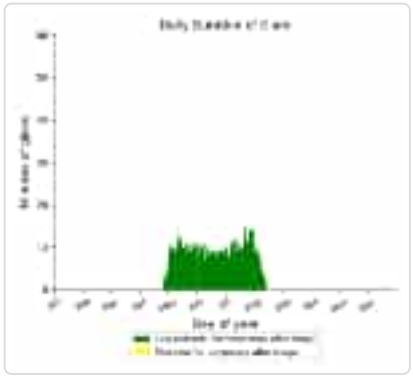


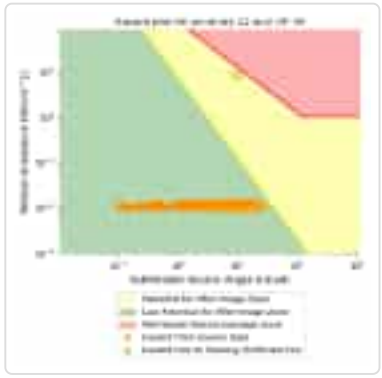
PV array 12: OP 49

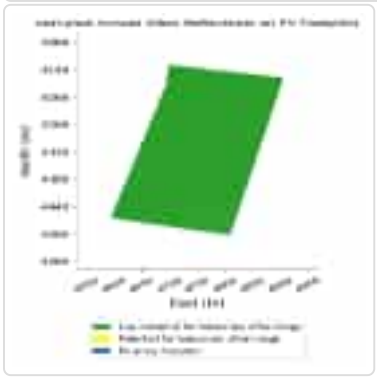
PV array is expected to produce the following glare for this receptor:

- 1,050 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





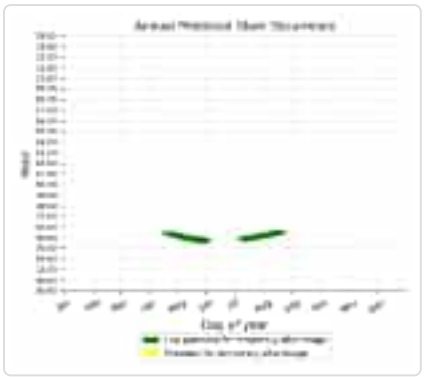


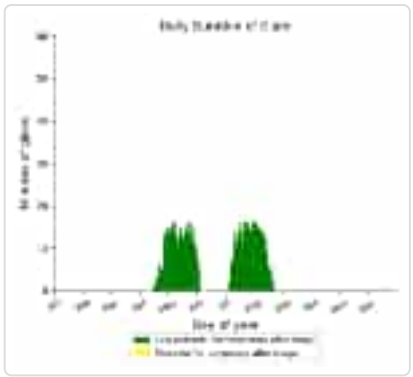


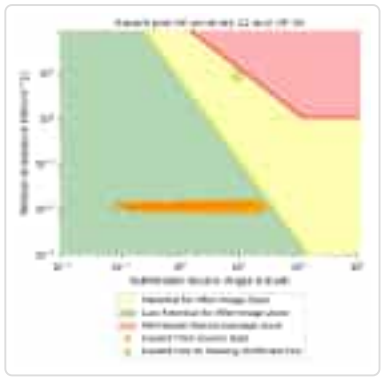
PV array 12: OP 50

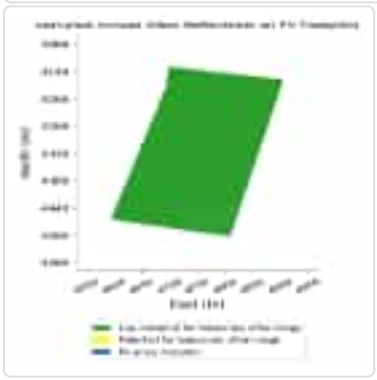
PV array is expected to produce the following glare for this receptor:

- 1,146 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





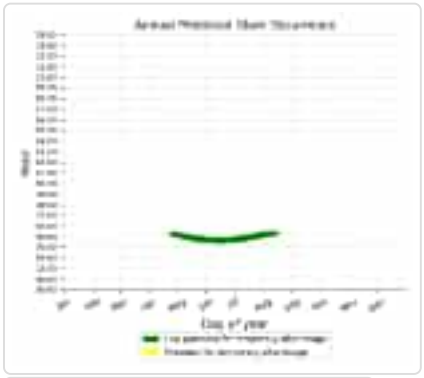


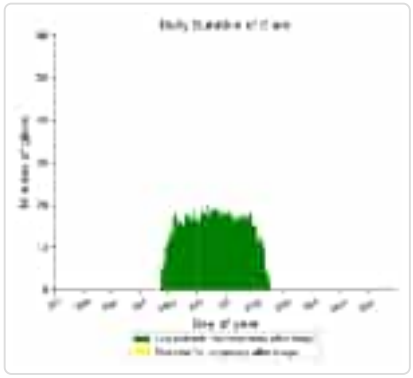


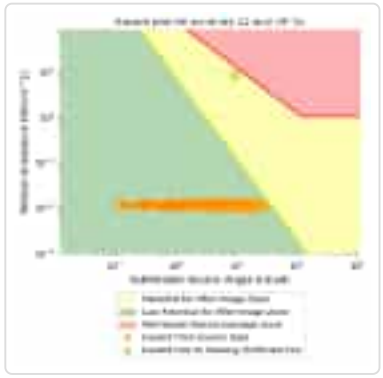
PV array 12: OP 51

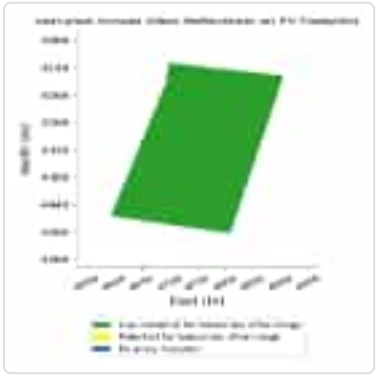
PV array is expected to produce the following glare for this receptor:

- 1,801 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





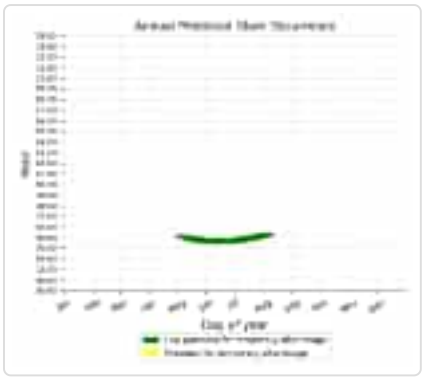


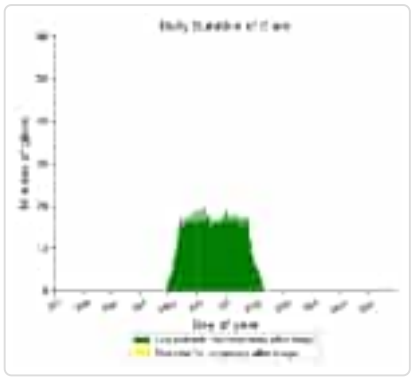


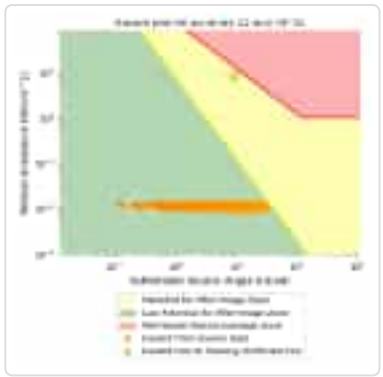
PV array 12: OP 52

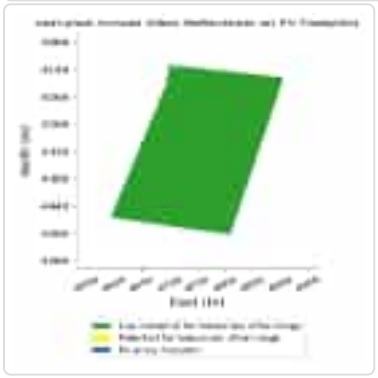
PV array is expected to produce the following glare for this receptor:

- 1,449 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





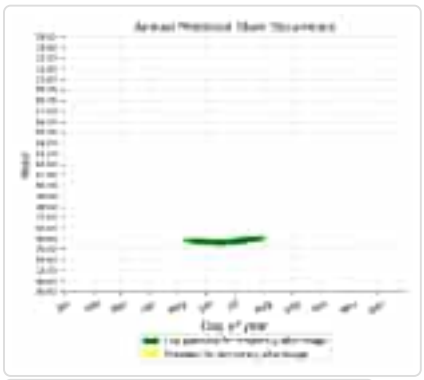


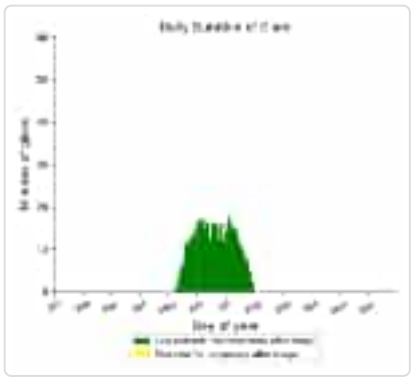


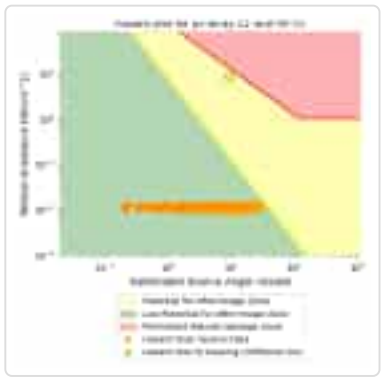
PV array 12: OP 53

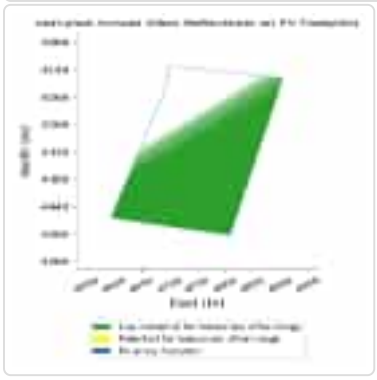
PV array is expected to produce the following glare for this receptor:

- 1,025 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12: OP 54

No glare found

PV array 12: OP 55

No glare found

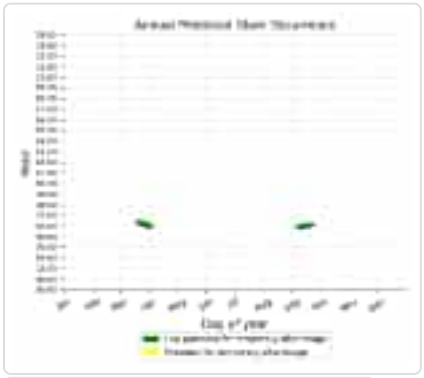
PV array 12: OP 56

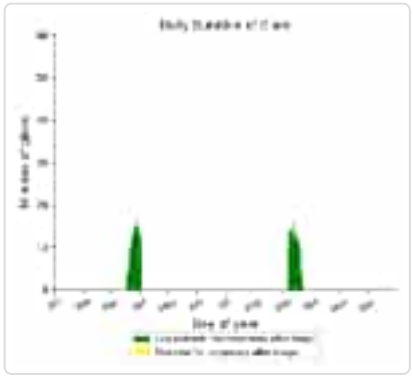
No glare found

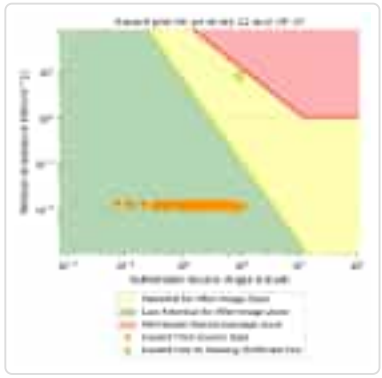
PV array 12: OP 57

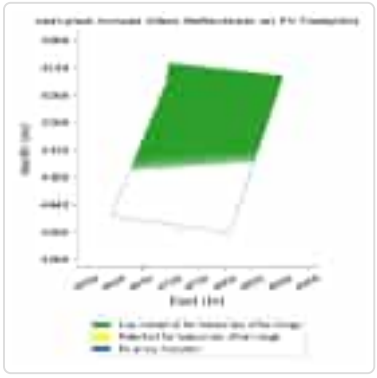
PV array is expected to produce the following glare for this receptor:

- 376 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





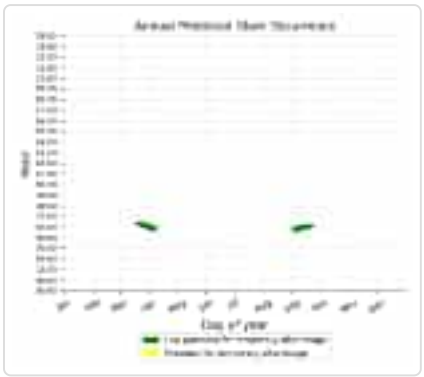


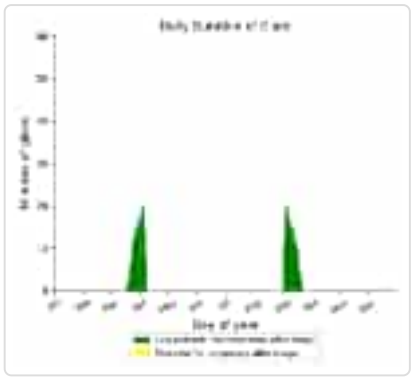


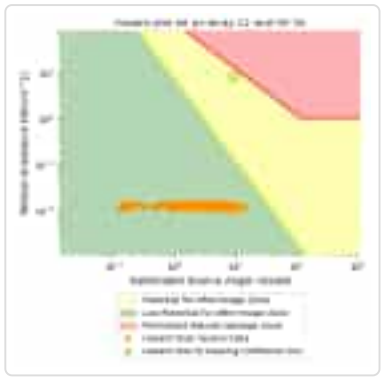
PV array 12: OP 58

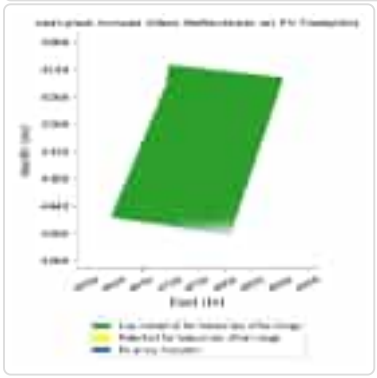
PV array is expected to produce the following glare for this receptor:

- 528 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





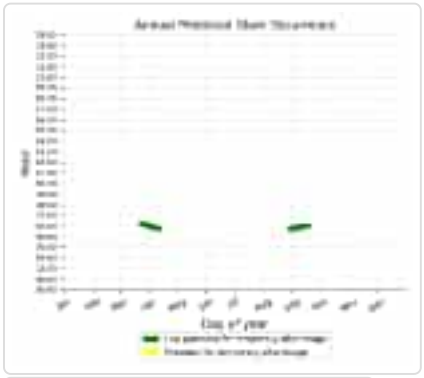


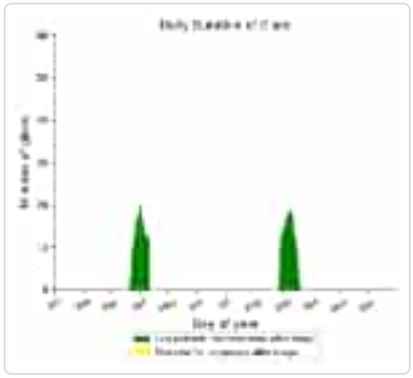


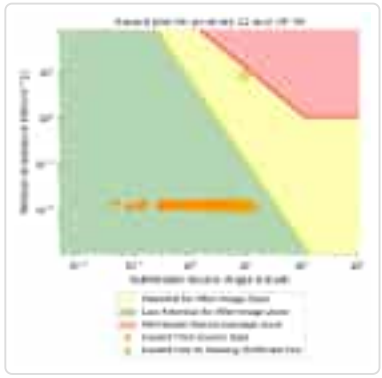
PV array 12: OP 59

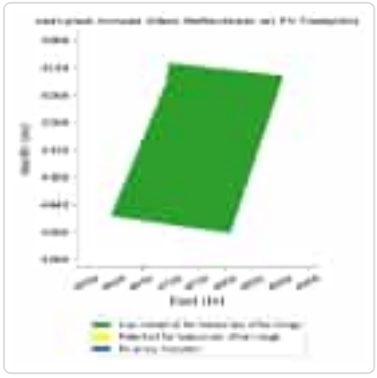
PV array is expected to produce the following glare for this receptor:

- 609 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





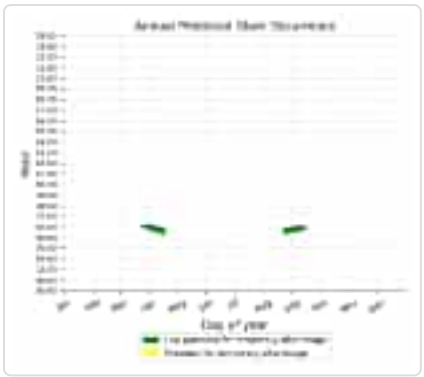


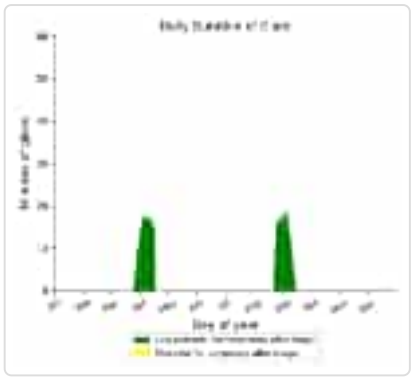


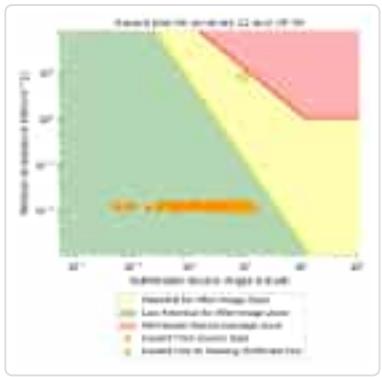
PV array 12: OP 60

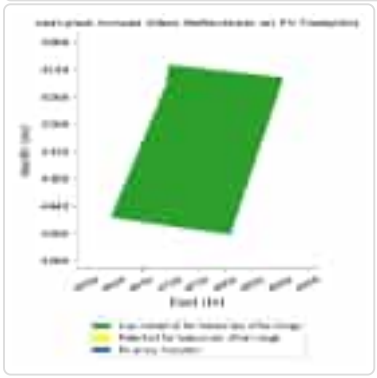
PV array is expected to produce the following glare for this receptor:

- 628 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





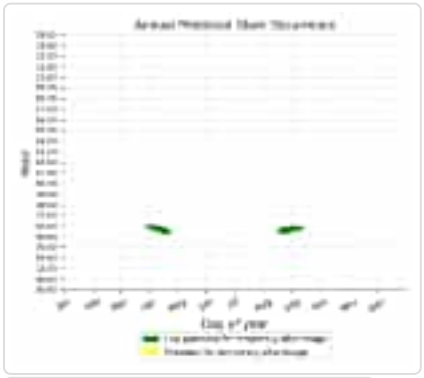


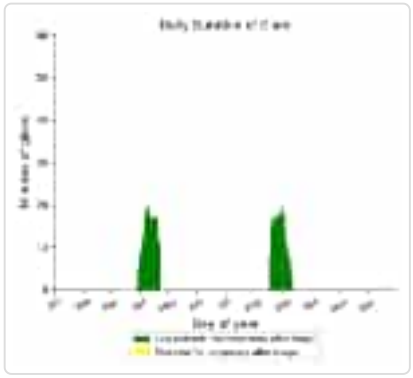


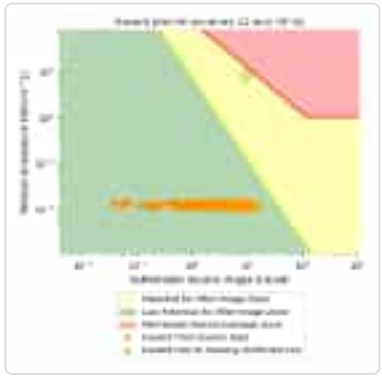
PV array 12: OP 61

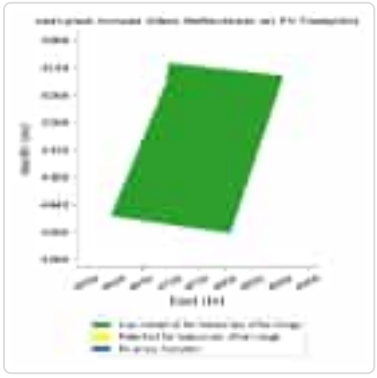
PV array is expected to produce the following glare for this receptor:

- 700 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





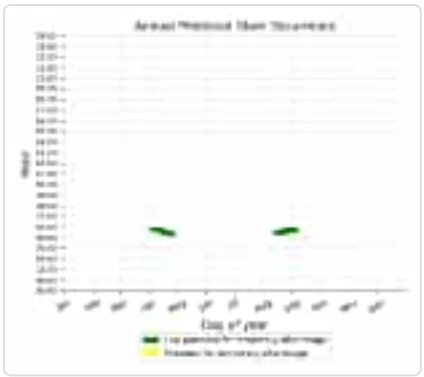


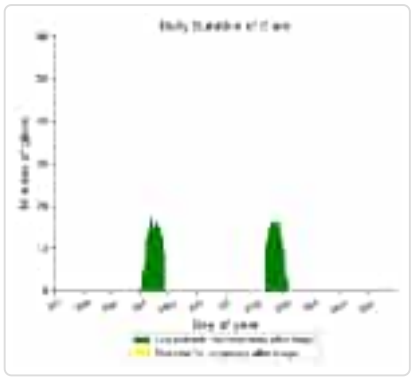


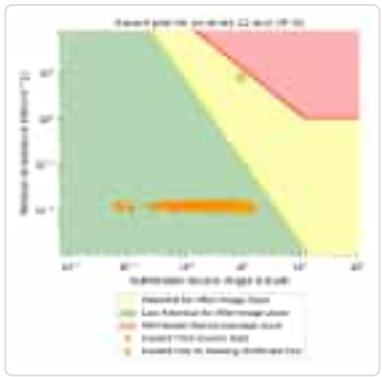
PV array 12: OP 62

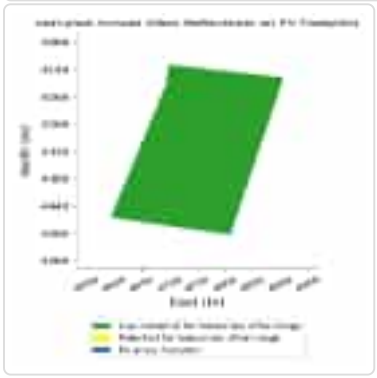
PV array is expected to produce the following glare for this receptor:

- 626 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





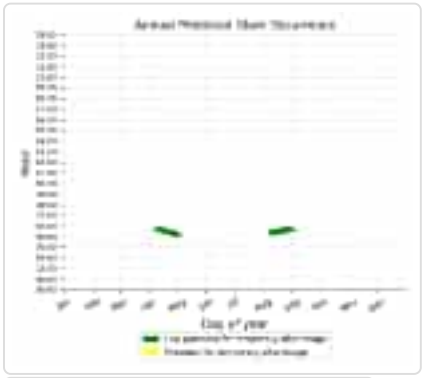


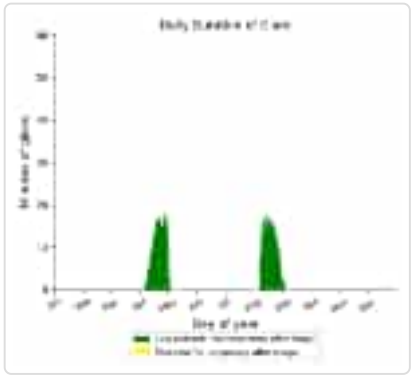


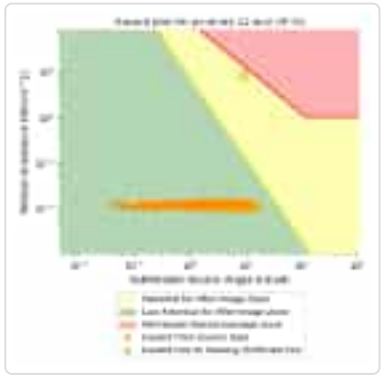
PV array 12: OP 63

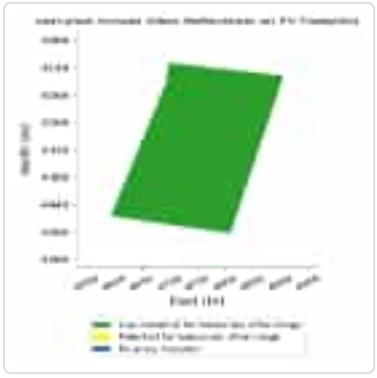
PV array is expected to produce the following glare for this receptor:

- 644 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





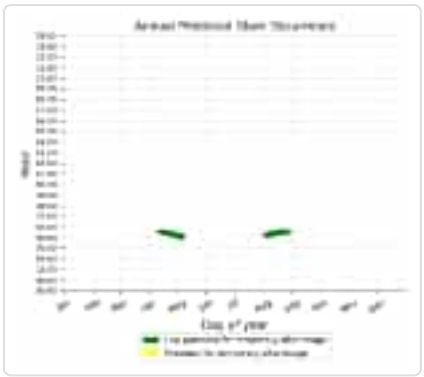


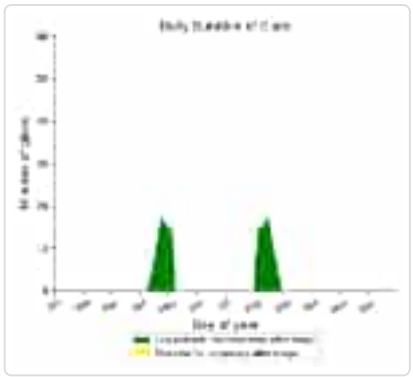


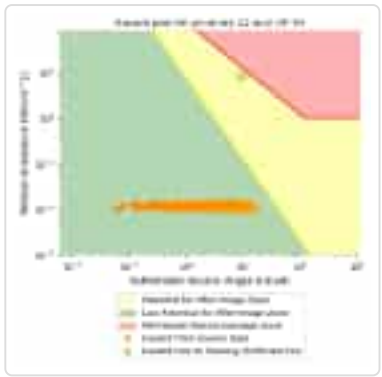
PV array 12: OP 64

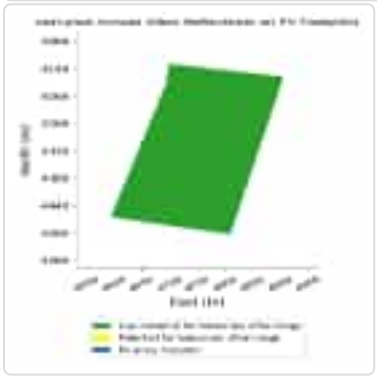
PV array is expected to produce the following glare for this receptor:

- 659 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 13 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)

OP: OP 1	0	0
OP: OP 2	988	0
OP: OP 3	1985	0
OP: OP 4	3168	0
OP: OP 5	3786	0
OP: OP 6	4049	71
OP: OP 7	3722	707
OP: OP 8	2068	1984
OP: OP 9	2552	776
OP: OP 10	862	0
OP: OP 11	0	0
OP: OP 12	968	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	197	0
OP: OP 24	2408	95
OP: OP 25	2547	863
OP: OP 26	2758	1534
OP: OP 27	2277	2463
OP: OP 28	2007	4586
OP: OP 29	10601	15061
OP: OP 30	14327	16101
OP: OP 31	11808	15565
OP: OP 32	15175	5943
OP: OP 33	1955	3445
OP: OP 34	885	0
OP: OP 35	3177	1511
OP: OP 36	2274	2342
OP: OP 37	1765	2655
OP: OP 38	1610	2604
OP: OP 39	1372	1543
OP: OP 40	3966	215
OP: OP 41	3812	38
OP: OP 42	3712	0
OP: OP 43	0	0
OP: OP 44	1242	0
OP: OP 45	2098	723
OP: OP 46	2007	1644
OP: OP 47	2032	2273
OP: OP 48	2183	2376
OP: OP 49	3928	391
OP: OP 50	3611	377
OP: OP 51	4045	0
OP: OP 52	3709	0
OP: OP 53	3605	0
OP: OP 54	3493	0

OP: OP 55	2568	0
OP: OP 56	570	0
OP: OP 57	1971	0
OP: OP 58	3381	96
OP: OP 59	3873	965
OP: OP 60	2762	2731
OP: OP 61	2627	3159
OP: OP 62	2440	3623
OP: OP 63	2255	4112
OP: OP 64	2067	3298

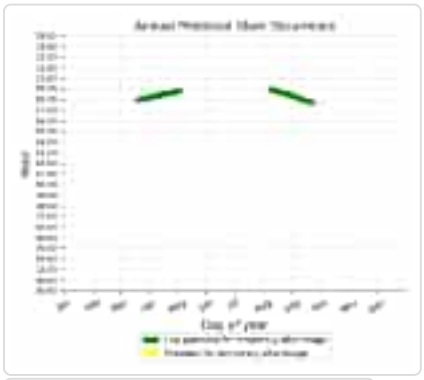
PV array 13: OP 1

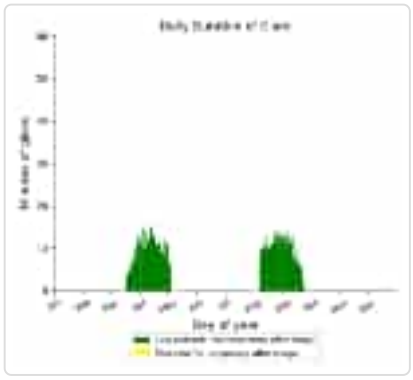
No glare found

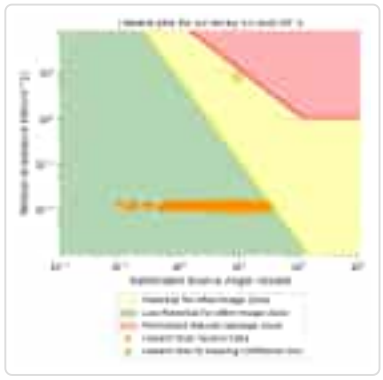
PV array 13: OP 2

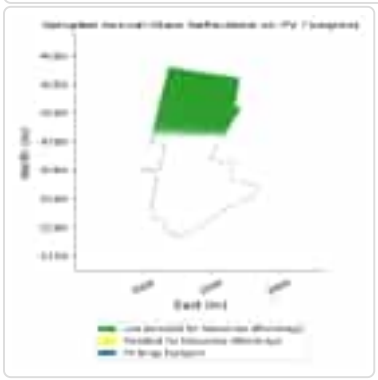
PV array is expected to produce the following glare for this receptor:

- 988 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





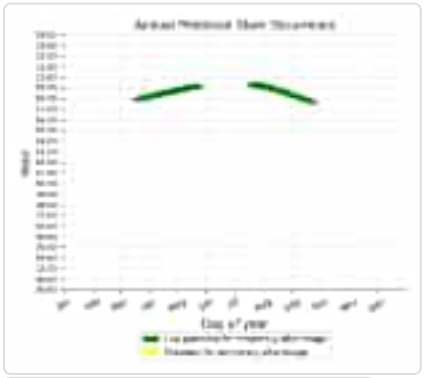


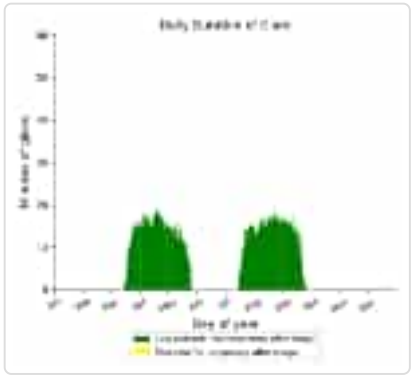


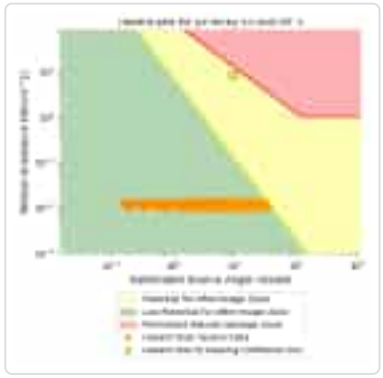
PV array 13: OP 3

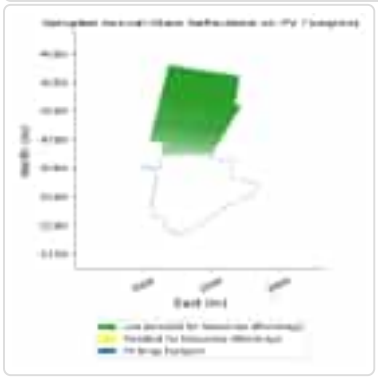
PV array is expected to produce the following glare for this receptor:

- 1,985 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





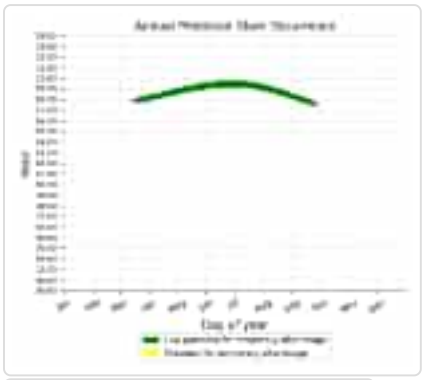


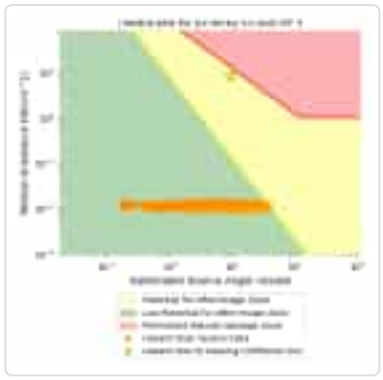


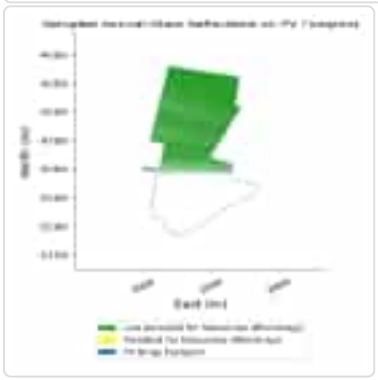
PV array 13: OP 4

PV array is expected to produce the following glare for this receptor:

- 3,168 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



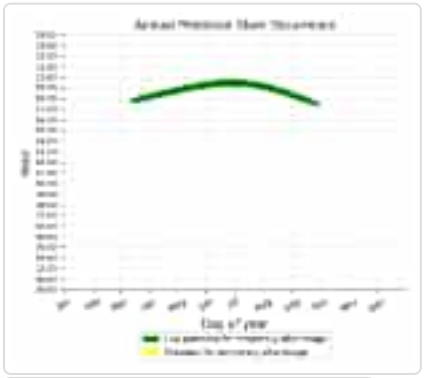


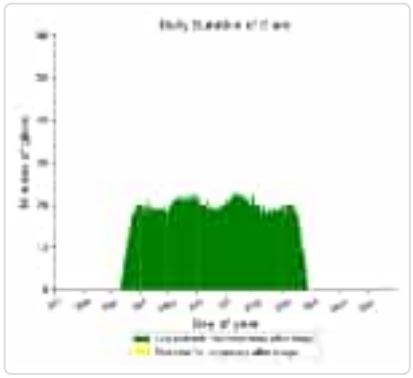


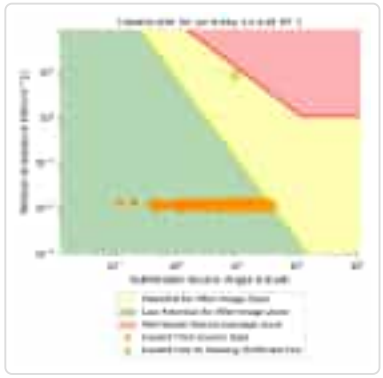
PV array 13: OP 5

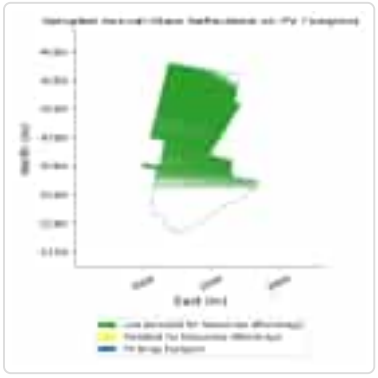
PV array is expected to produce the following glare for this receptor:

- 3,786 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





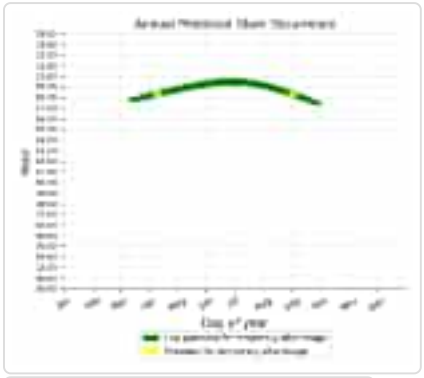


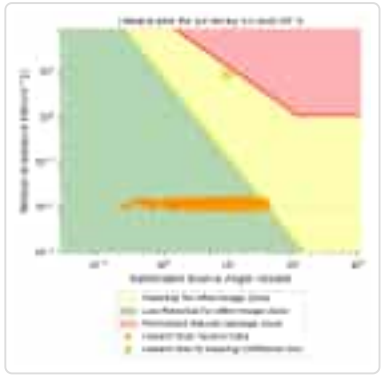


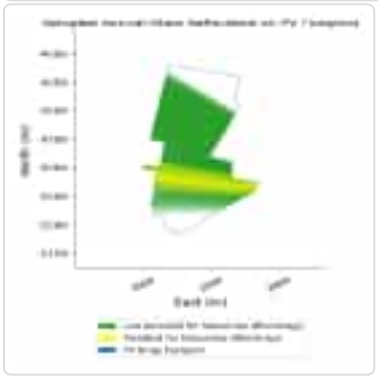
PV array 13: OP 6

PV array is expected to produce the following glare for this receptor:

- 4,049 minutes of "green" glare with low potential to cause temporary after-image.
- 71 minutes of "yellow" glare with potential to cause temporary after-image.



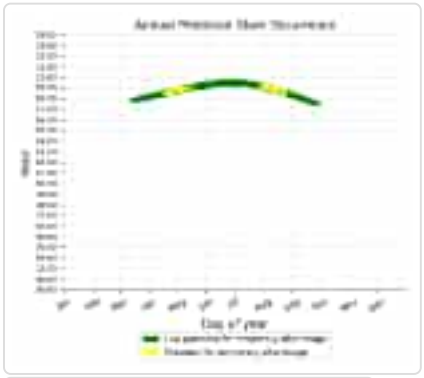


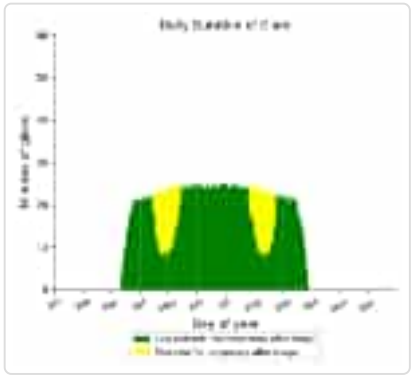


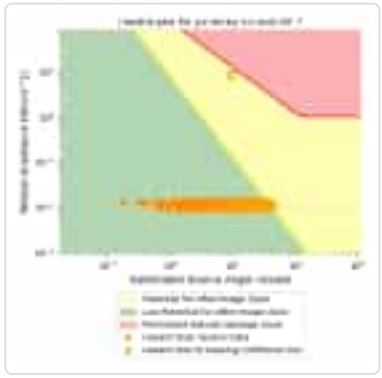
PV array 13: OP 7

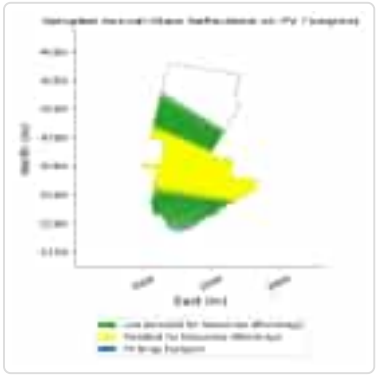
PV array is expected to produce the following glare for this receptor:

- 3,722 minutes of "green" glare with low potential to cause temporary after-image.
- 707 minutes of "yellow" glare with potential to cause temporary after-image.





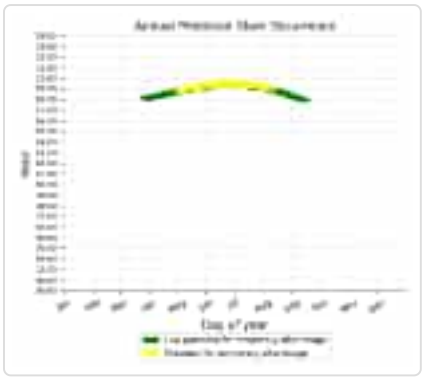


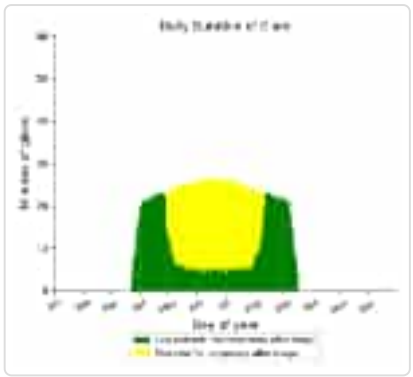


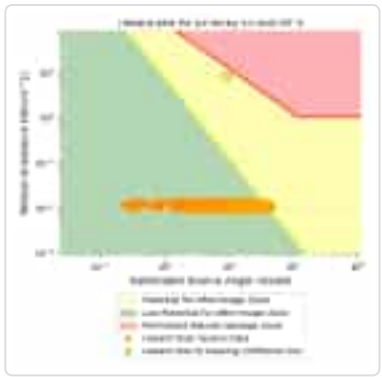
PV array 13: OP 8

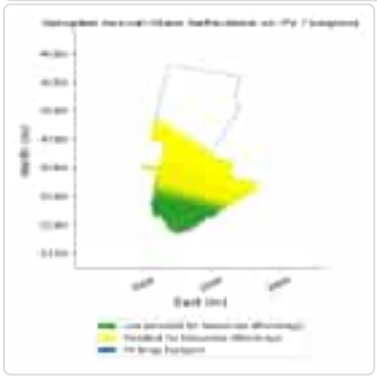
PV array is expected to produce the following glare for this receptor:

- 2,068 minutes of "green" glare with low potential to cause temporary after-image.
- 1,984 minutes of "yellow" glare with potential to cause temporary after-image.





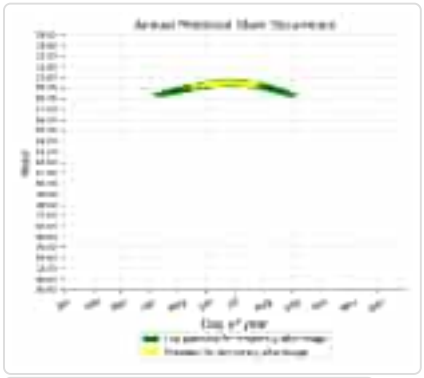


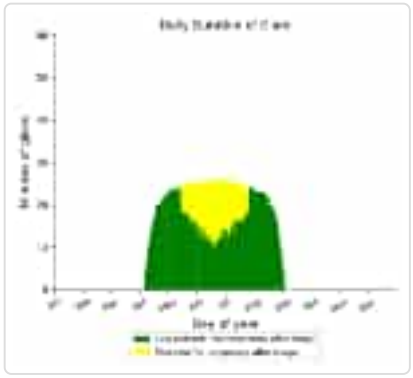


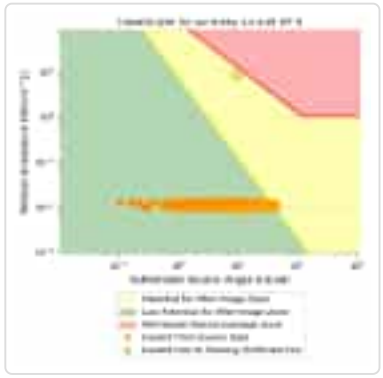
PV array 13: OP 9

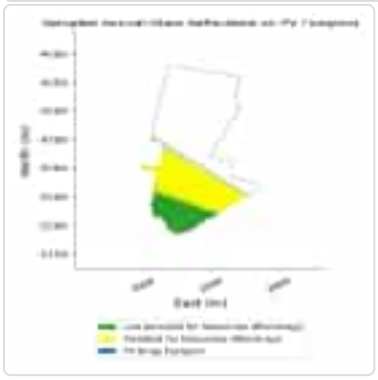
PV array is expected to produce the following glare for this receptor:

- 2,552 minutes of "green" glare with low potential to cause temporary after-image.
- 776 minutes of "yellow" glare with potential to cause temporary after-image.





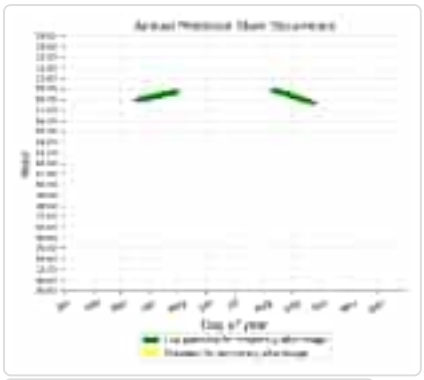


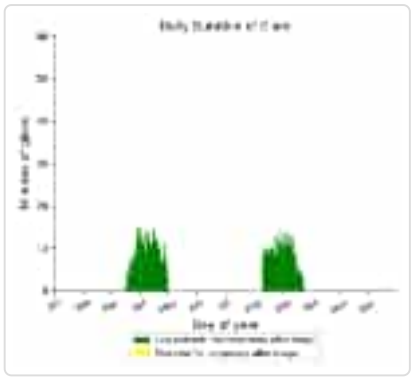


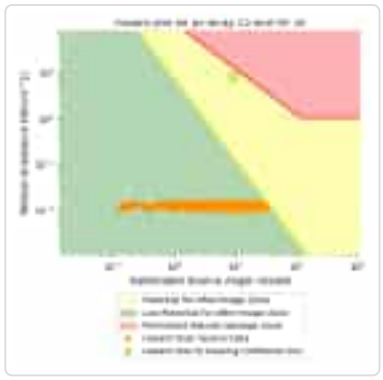
PV array 13: OP 10

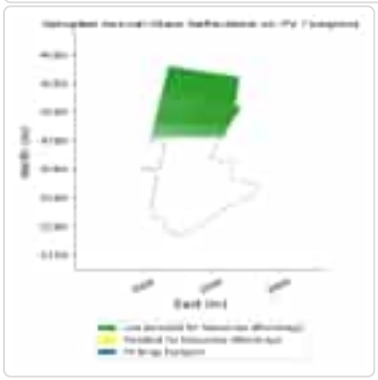
PV array is expected to produce the following glare for this receptor:

- 862 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









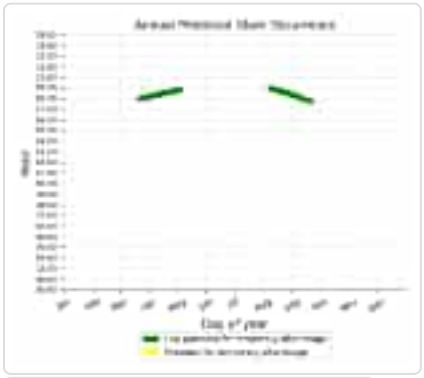
PV array 13: OP 11

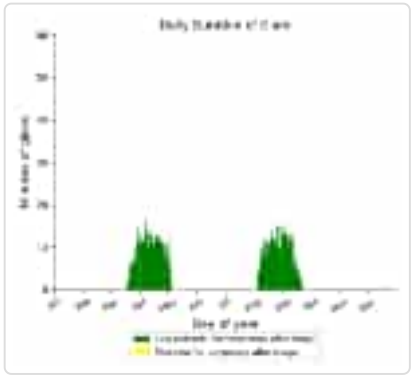
No glare found

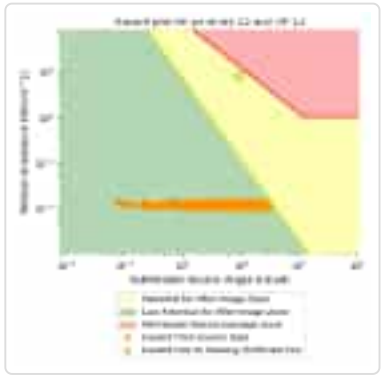
PV array 13: OP 12

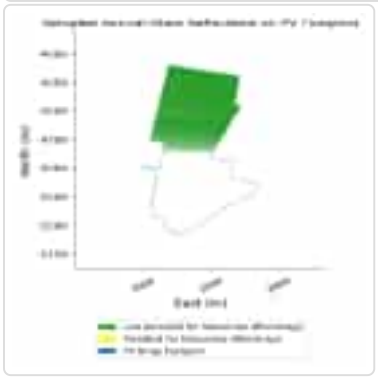
PV array is expected to produce the following glare for this receptor:

- 968 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 13: OP 13

No glare found

PV array 13: OP 14

No glare found

PV array 13: OP 15

No glare found

PV array 13: OP 16

No glare found

PV array 13: OP 17

No glare found

PV array 13: OP 18

No glare found

PV array 13: OP 19

No glare found

PV array 13: OP 20

No glare found

PV array 13: OP 21

No glare found

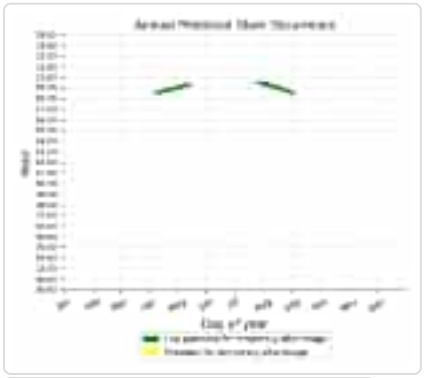
PV array 13: OP 22

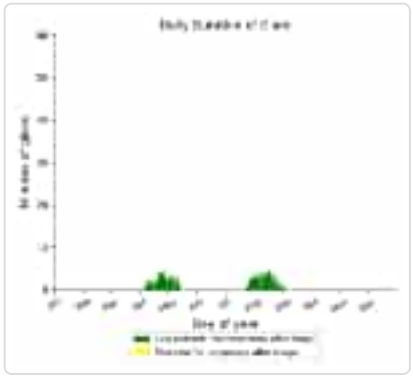
No glare found

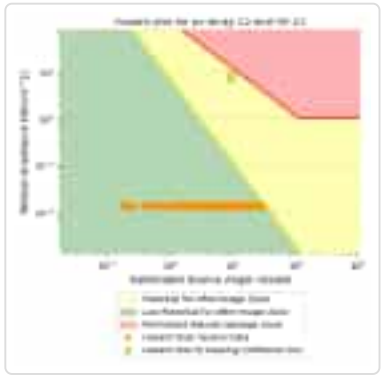
PV array 13: OP 23

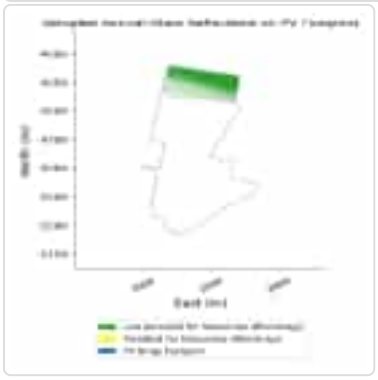
PV array is expected to produce the following glare for this receptor:

- 197 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





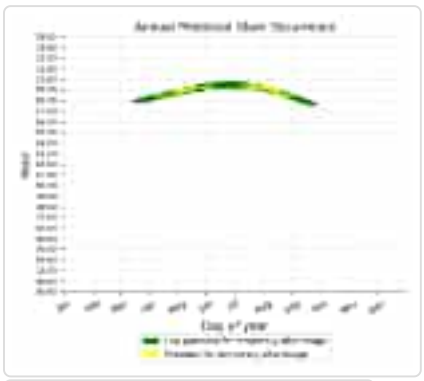


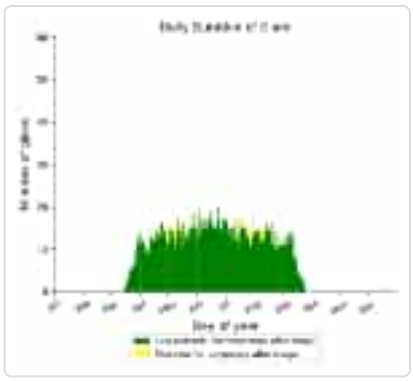


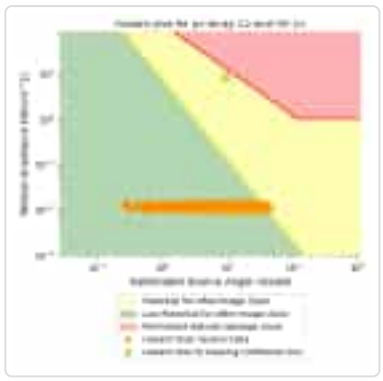
PV array 13: OP 24

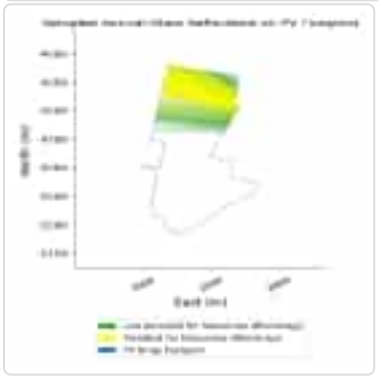
PV array is expected to produce the following glare for this receptor:

- 2,408 minutes of "green" glare with low potential to cause temporary after-image.
- 95 minutes of "yellow" glare with potential to cause temporary after-image.





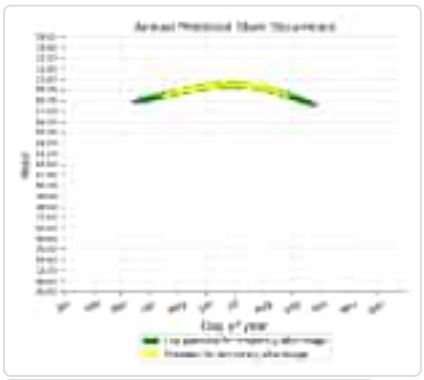


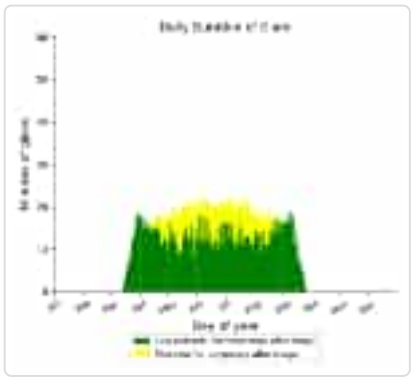


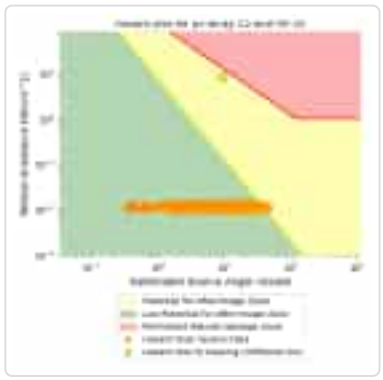
PV array 13: OP 25

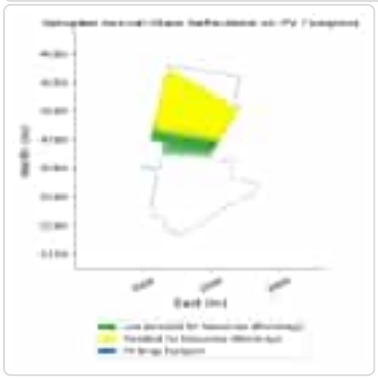
PV array is expected to produce the following glare for this receptor:

- 2,547 minutes of "green" glare with low potential to cause temporary after-image.
- 863 minutes of "yellow" glare with potential to cause temporary after-image.





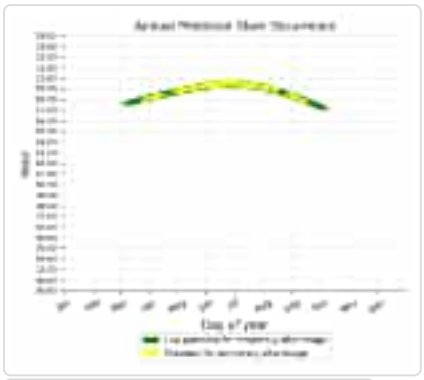


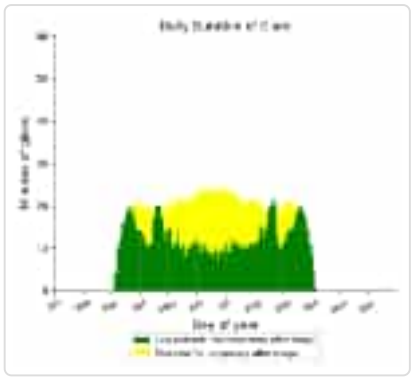


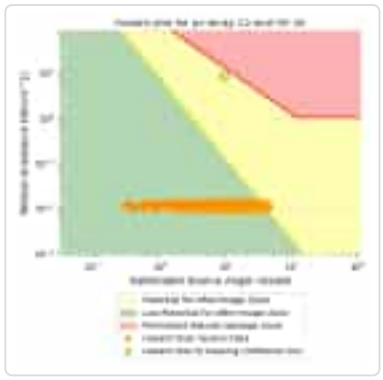
PV array 13: OP 26

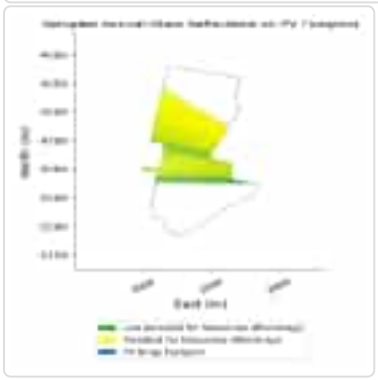
PV array is expected to produce the following glare for this receptor:

- 2,758 minutes of "green" glare with low potential to cause temporary after-image.
- 1,534 minutes of "yellow" glare with potential to cause temporary after-image.





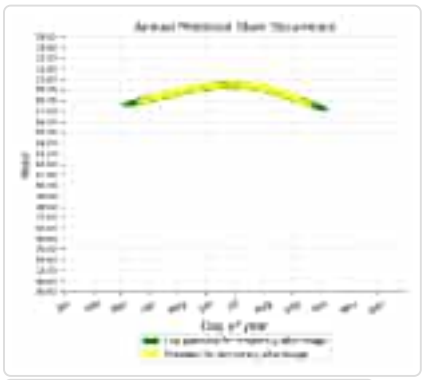


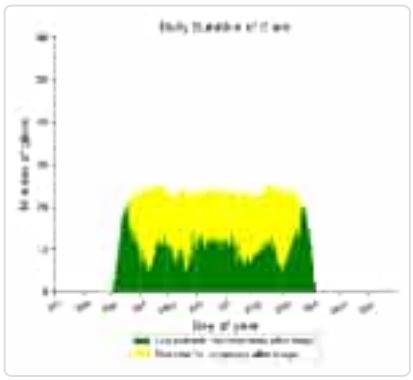


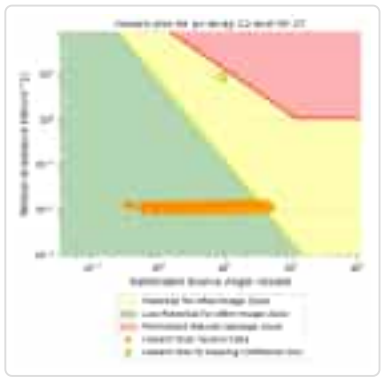
PV array 13: OP 27

PV array is expected to produce the following glare for this receptor:

- 2,277 minutes of "green" glare with low potential to cause temporary after-image.
- 2,463 minutes of "yellow" glare with potential to cause temporary after-image.



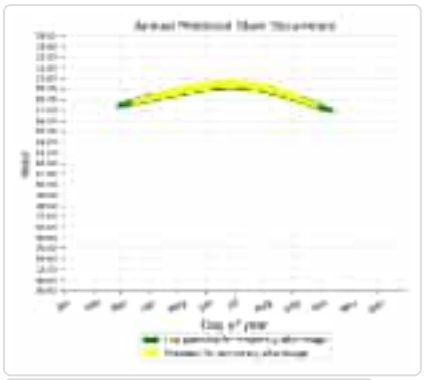


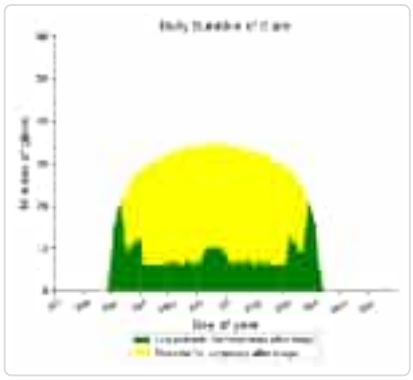


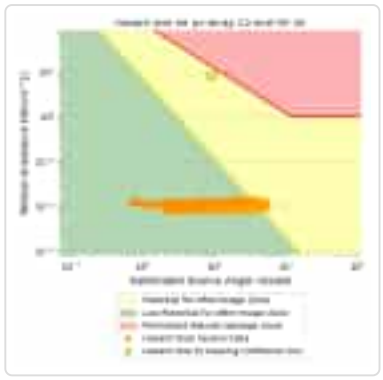
PV array 13: OP 28

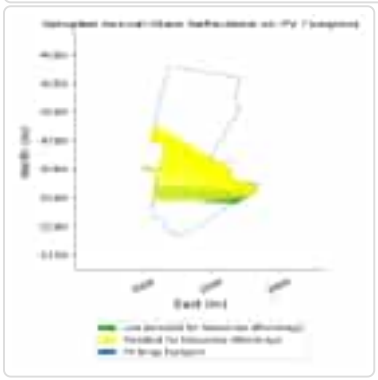
PV array is expected to produce the following glare for this receptor:

- 2,007 minutes of "green" glare with low potential to cause temporary after-image.
- 4,586 minutes of "yellow" glare with potential to cause temporary after-image.





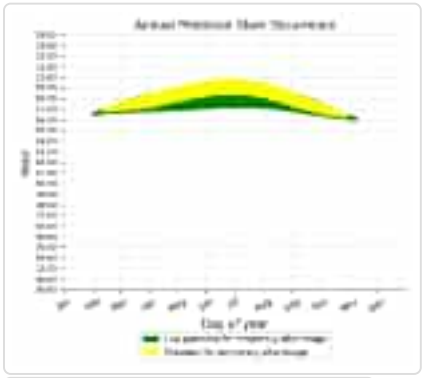


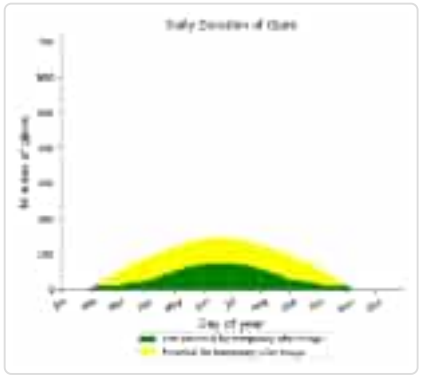


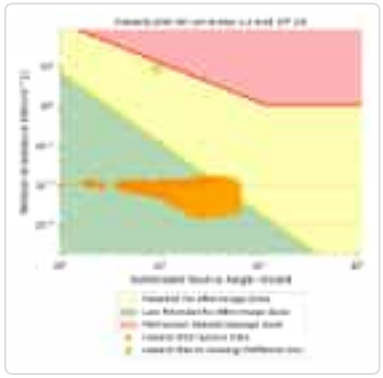
PV array 13: OP 29

PV array is expected to produce the following glare for this receptor:

- 10,601 minutes of "green" glare with low potential to cause temporary after-image.
- 15,061 minutes of "yellow" glare with potential to cause temporary after-image.



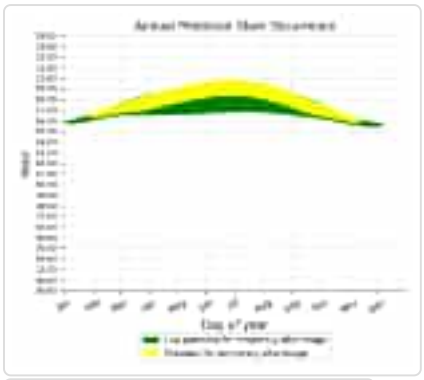


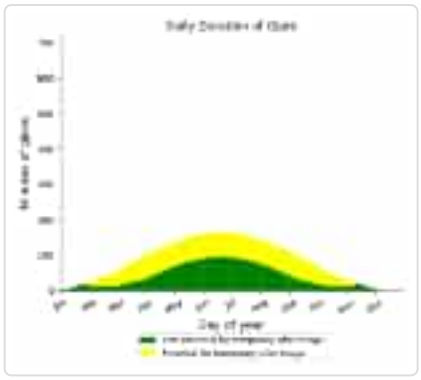


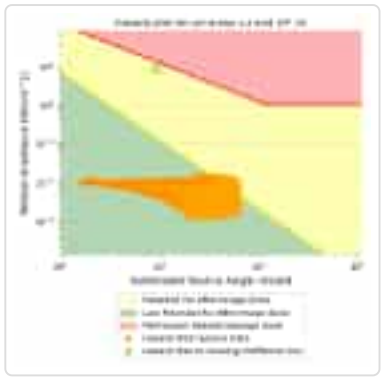
PV array 13: OP 30

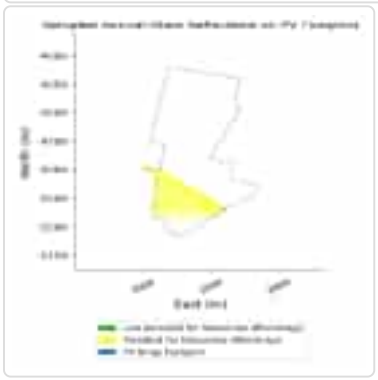
PV array is expected to produce the following glare for this receptor:

- 14,327 minutes of "green" glare with low potential to cause temporary after-image.
- 16,101 minutes of "yellow" glare with potential to cause temporary after-image.





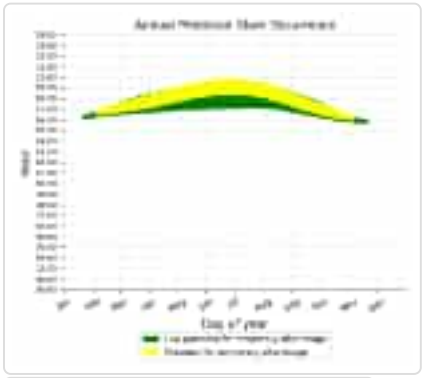


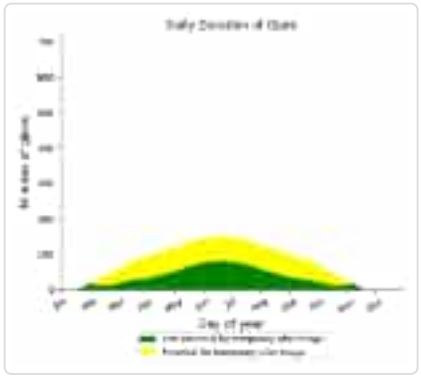


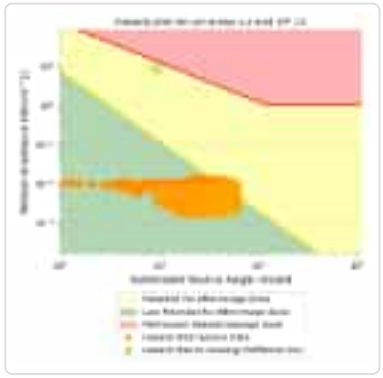
PV array 13: OP 31

PV array is expected to produce the following glare for this receptor:

- 11,808 minutes of "green" glare with low potential to cause temporary after-image.
- 15,565 minutes of "yellow" glare with potential to cause temporary after-image.



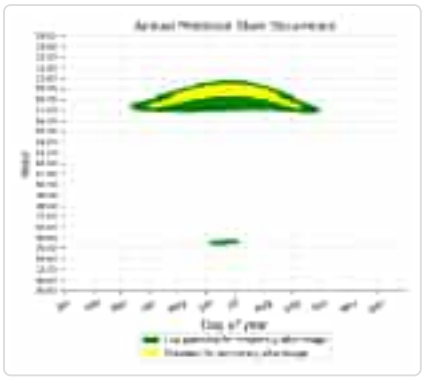


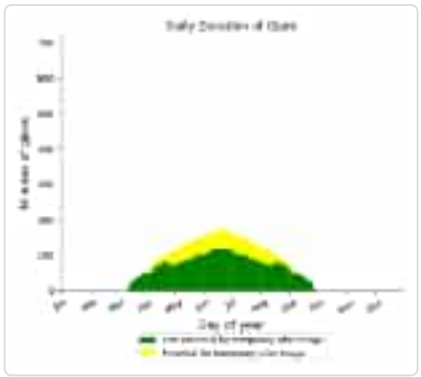


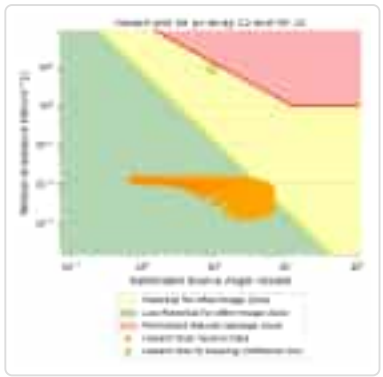
PV array 13: OP 32

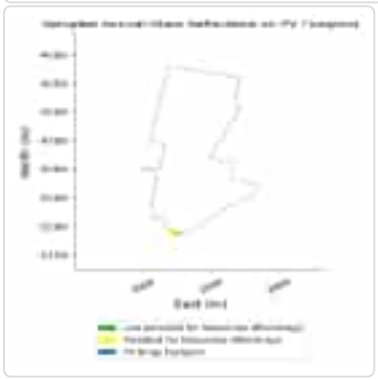
PV array is expected to produce the following glare for this receptor:

- 15,175 minutes of "green" glare with low potential to cause temporary after-image.
- 5,943 minutes of "yellow" glare with potential to cause temporary after-image.





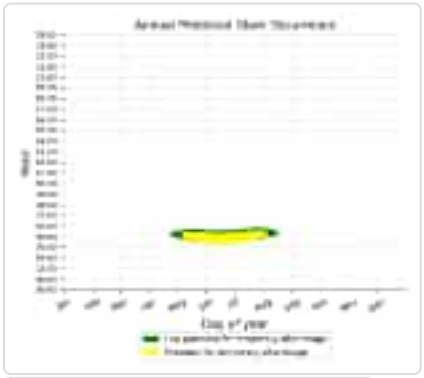


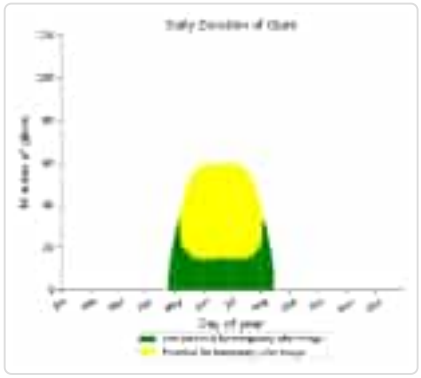


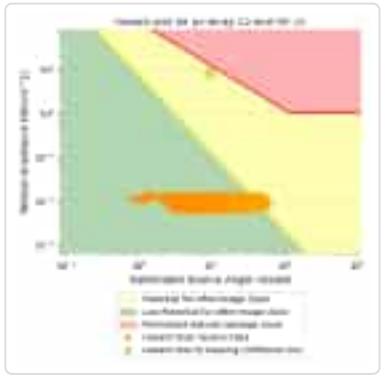
PV array 13: OP 33

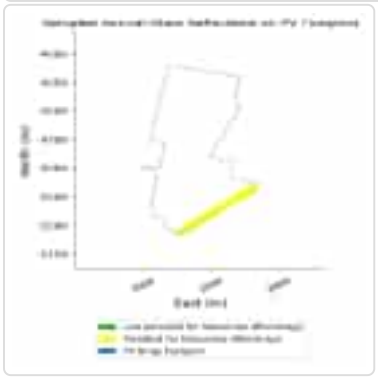
PV array is expected to produce the following glare for this receptor:

- 1,955 minutes of "green" glare with low potential to cause temporary after-image.
- 3,445 minutes of "yellow" glare with potential to cause temporary after-image.





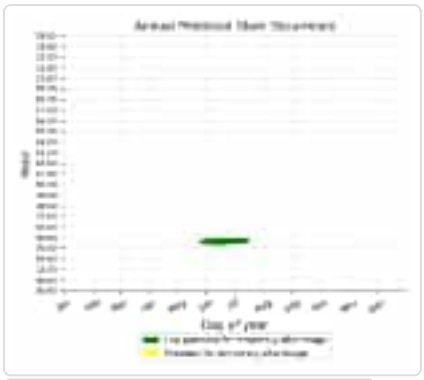


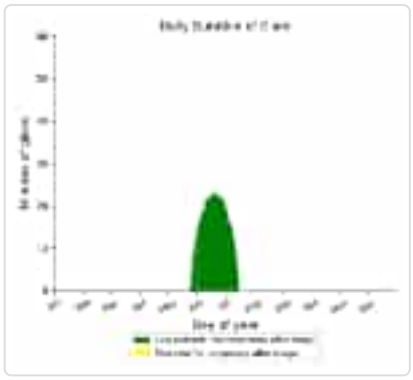


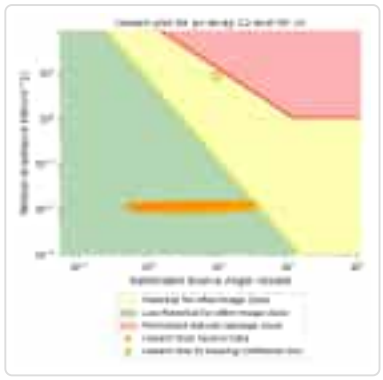
PV array 13: OP 34

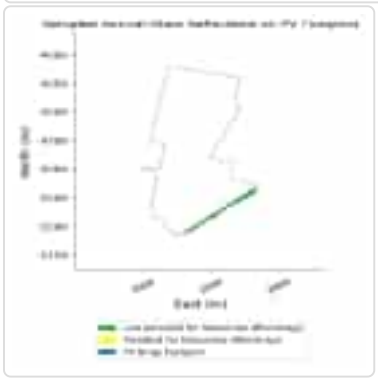
PV array is expected to produce the following glare for this receptor:

- 885 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





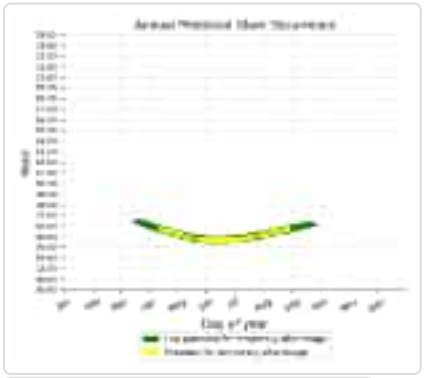


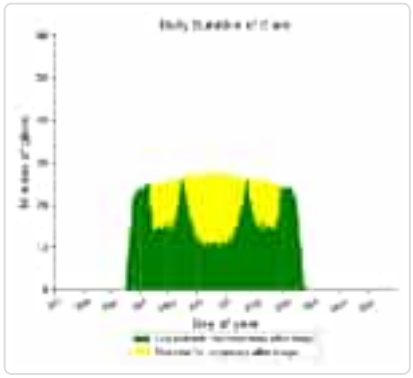


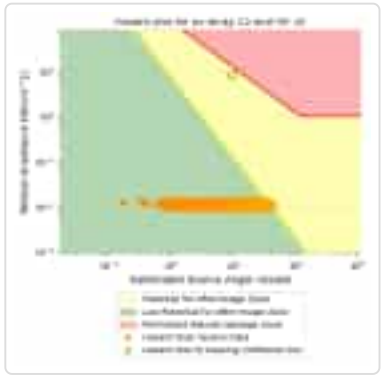
PV array 13: OP 35

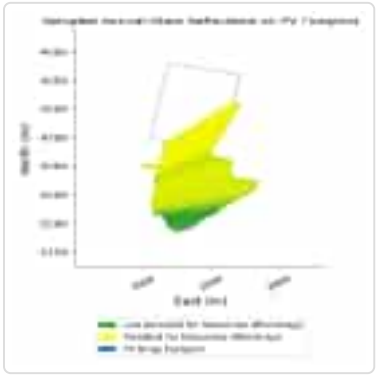
PV array is expected to produce the following glare for this receptor:

- 3,177 minutes of "green" glare with low potential to cause temporary after-image.
- 1,511 minutes of "yellow" glare with potential to cause temporary after-image.





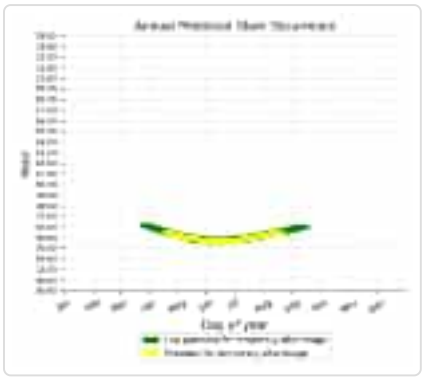


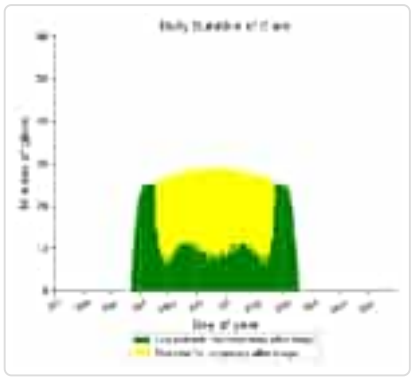


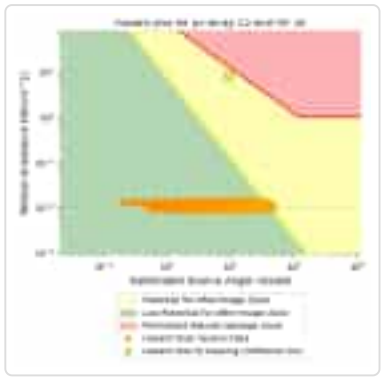
PV array 13: OP 36

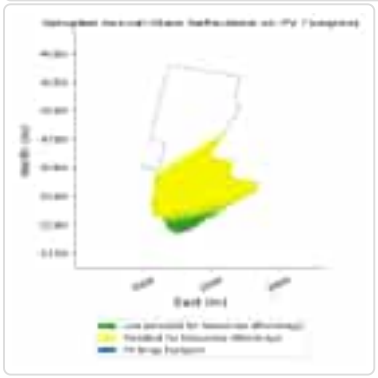
PV array is expected to produce the following glare for this receptor:

- 2,274 minutes of "green" glare with low potential to cause temporary after-image.
- 2,342 minutes of "yellow" glare with potential to cause temporary after-image.





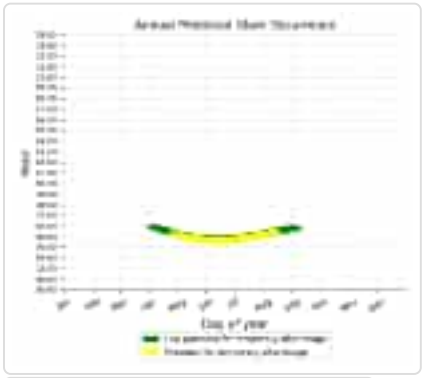


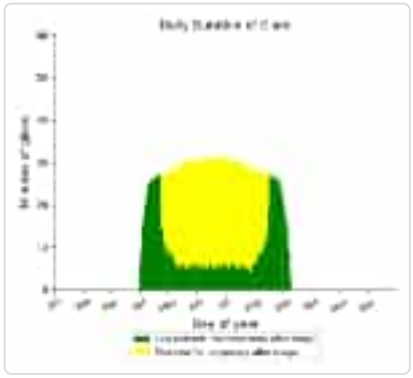


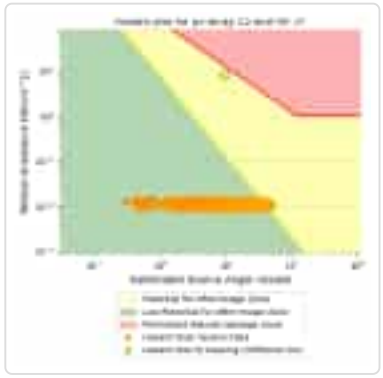
PV array 13: OP 37

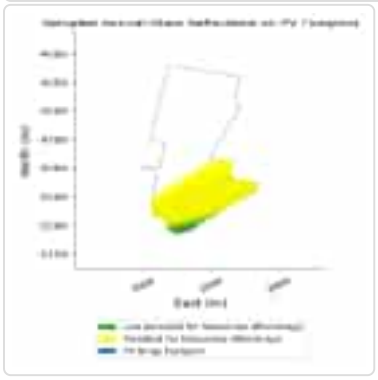
PV array is expected to produce the following glare for this receptor:

- 1,765 minutes of "green" glare with low potential to cause temporary after-image.
- 2,655 minutes of "yellow" glare with potential to cause temporary after-image.





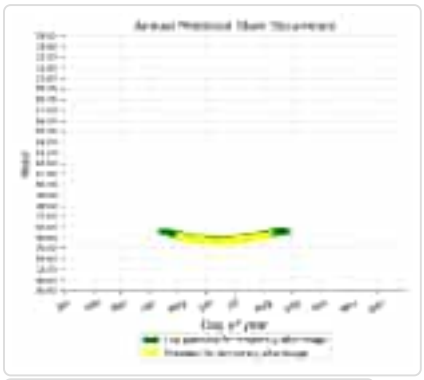


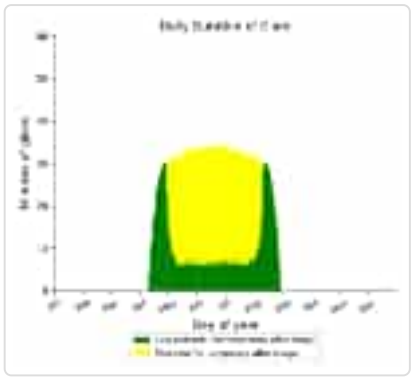


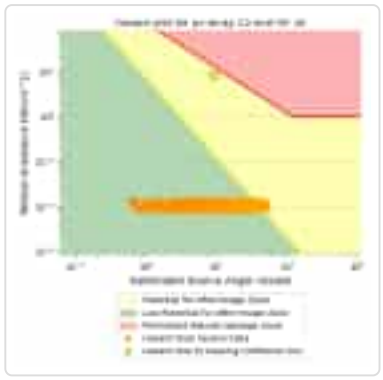
PV array 13: OP 38

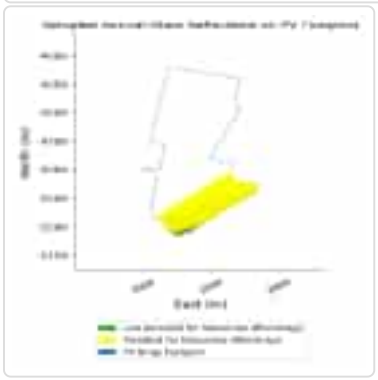
PV array is expected to produce the following glare for this receptor:

- 1,610 minutes of "green" glare with low potential to cause temporary after-image.
- 2,604 minutes of "yellow" glare with potential to cause temporary after-image.





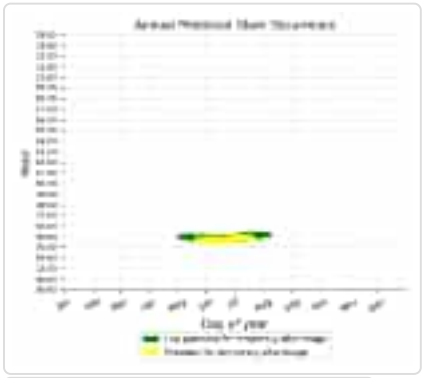


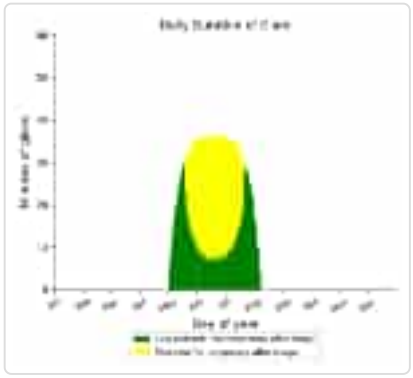


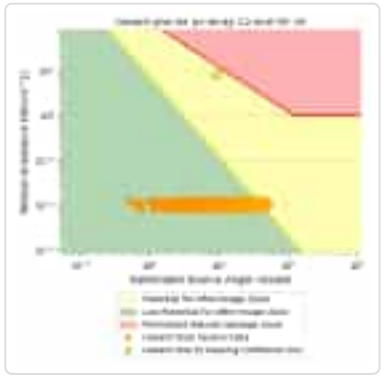
PV array 13: OP 39

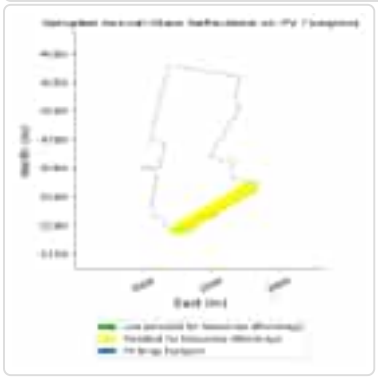
PV array is expected to produce the following glare for this receptor:

- 1,372 minutes of "green" glare with low potential to cause temporary after-image.
- 1,543 minutes of "yellow" glare with potential to cause temporary after-image.





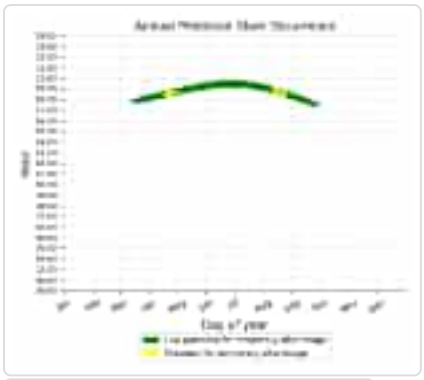


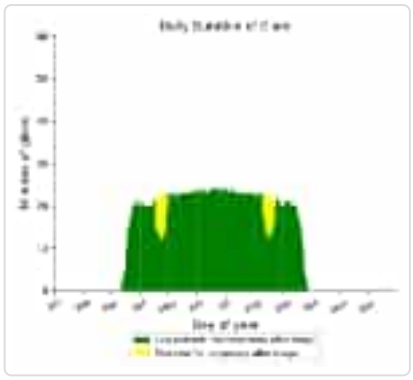


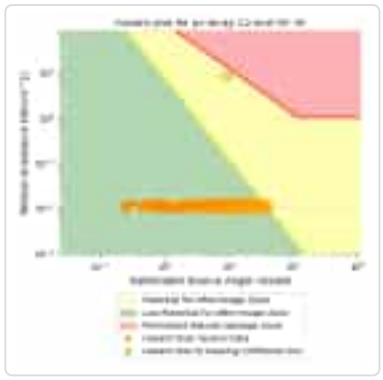
PV array 13: OP 40

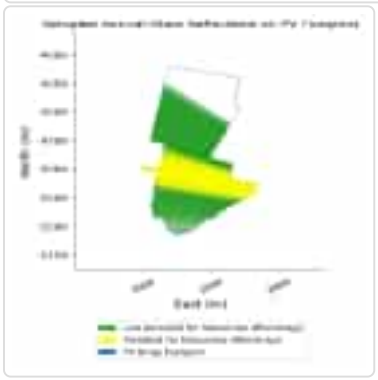
PV array is expected to produce the following glare for this receptor:

- 3,966 minutes of "green" glare with low potential to cause temporary after-image.
- 215 minutes of "yellow" glare with potential to cause temporary after-image.





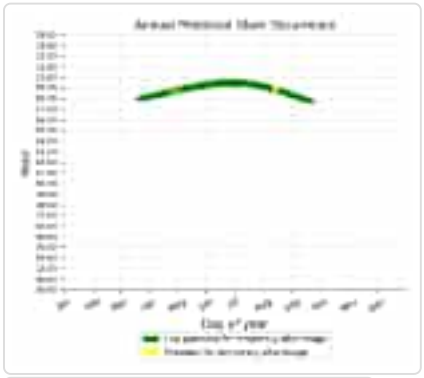


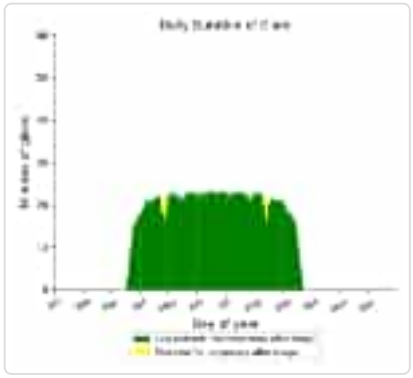


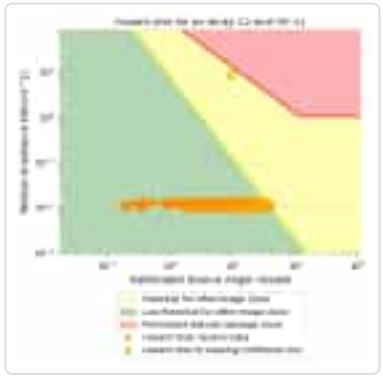
PV array 13: OP 41

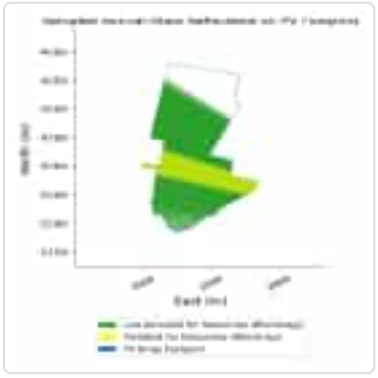
PV array is expected to produce the following glare for this receptor:

- 3,812 minutes of "green" glare with low potential to cause temporary after-image.
- 38 minutes of "yellow" glare with potential to cause temporary after-image.





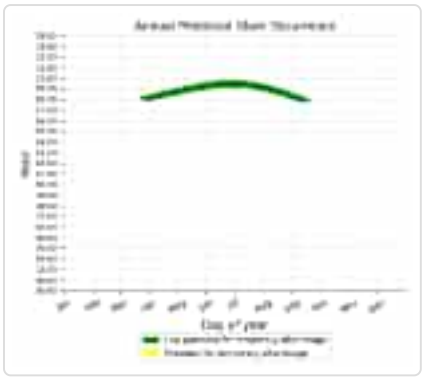


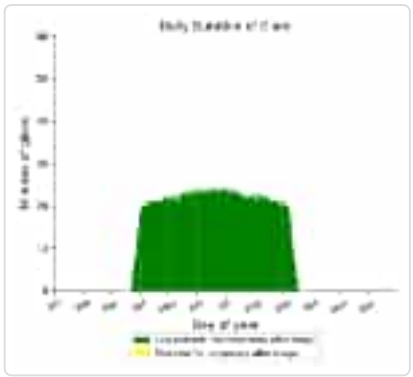


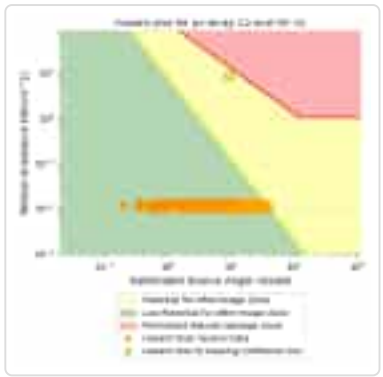
PV array 13: OP 42

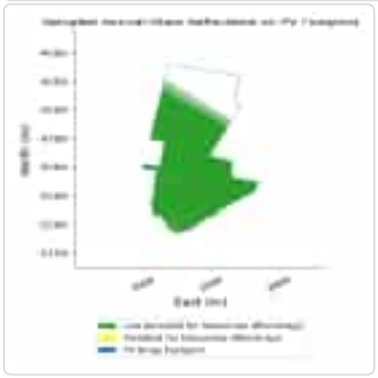
PV array is expected to produce the following glare for this receptor:

- 3,712 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









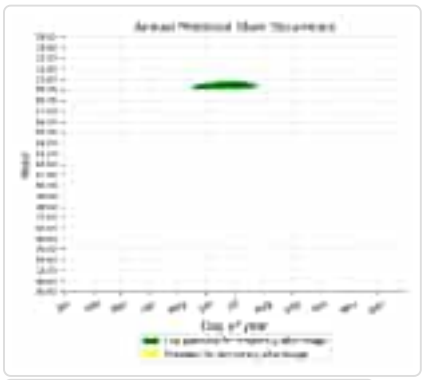
PV array 13: OP 43

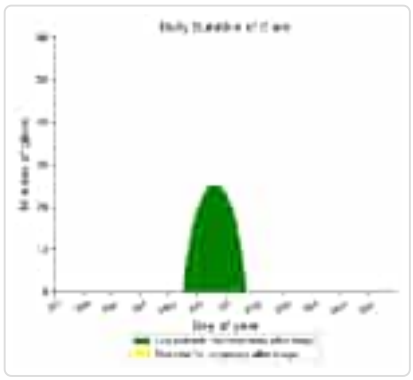
No glare found

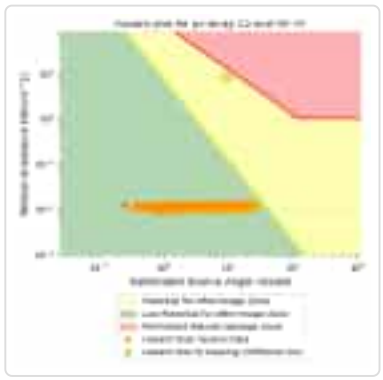
PV array 13: OP 44

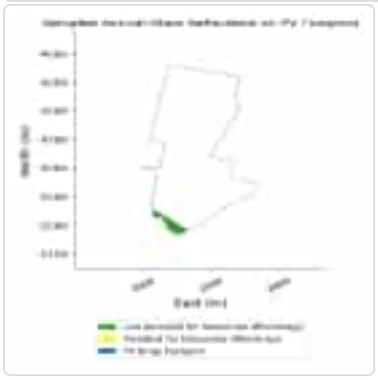
PV array is expected to produce the following glare for this receptor:

- 1,242 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





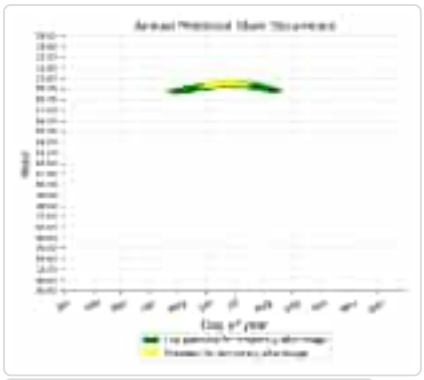


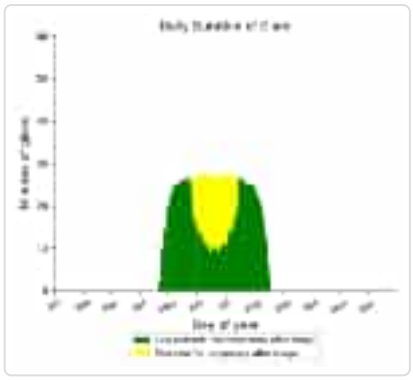


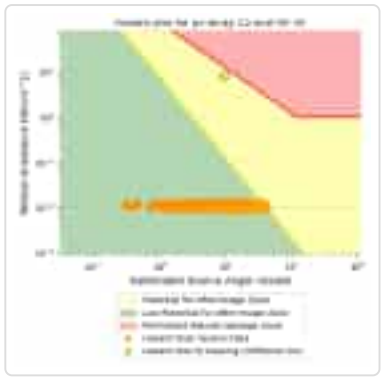
PV array 13: OP 45

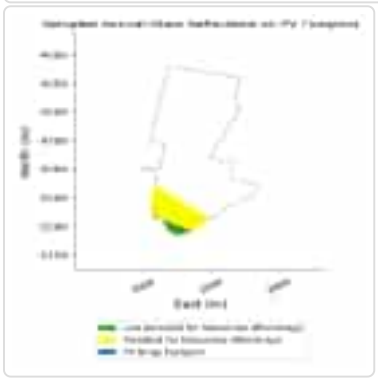
PV array is expected to produce the following glare for this receptor:

- 2,098 minutes of "green" glare with low potential to cause temporary after-image.
- 723 minutes of "yellow" glare with potential to cause temporary after-image.





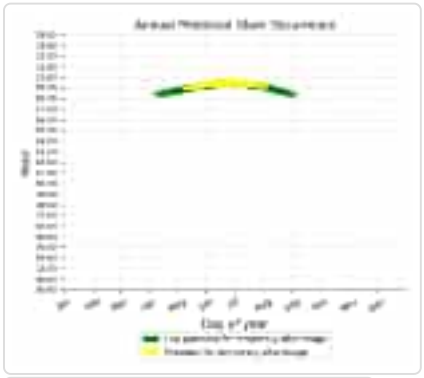


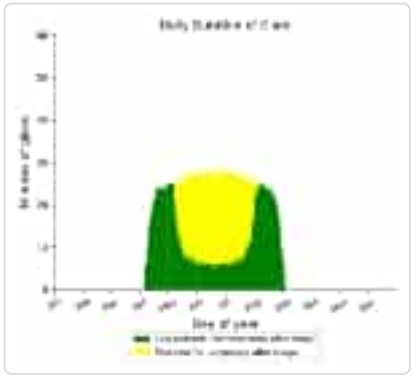


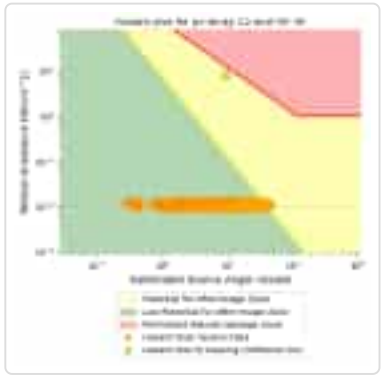
PV array 13: OP 46

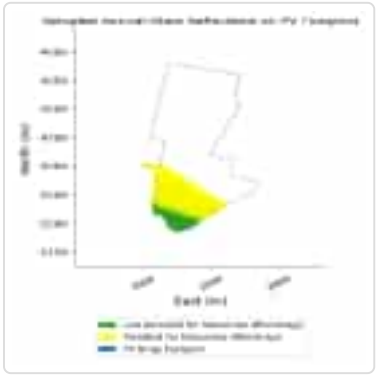
PV array is expected to produce the following glare for this receptor:

- 2,007 minutes of "green" glare with low potential to cause temporary after-image.
- 1,644 minutes of "yellow" glare with potential to cause temporary after-image.





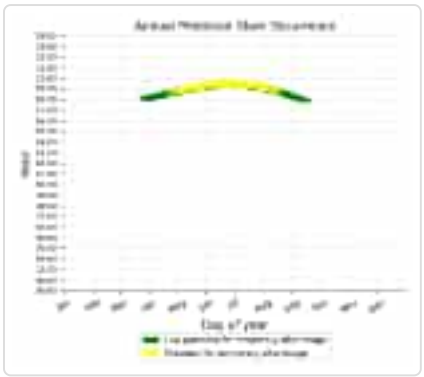


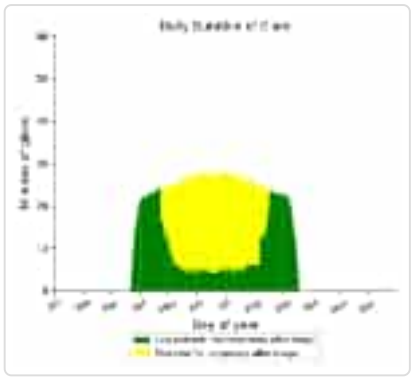


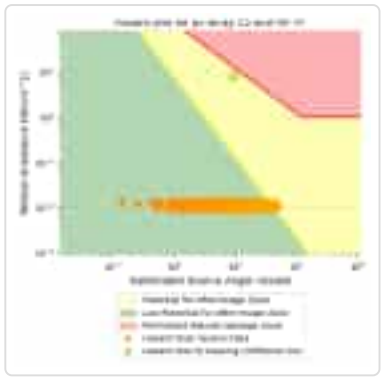
PV array 13: OP 47

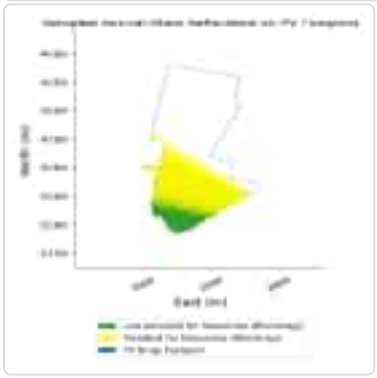
PV array is expected to produce the following glare for this receptor:

- 2,032 minutes of "green" glare with low potential to cause temporary after-image.
- 2,273 minutes of "yellow" glare with potential to cause temporary after-image.





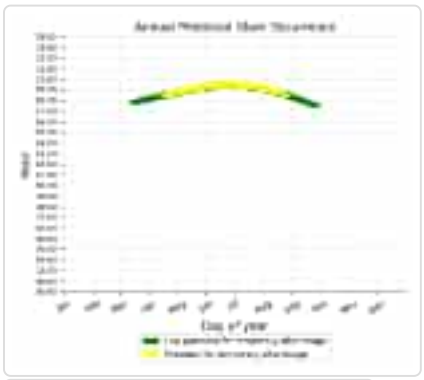


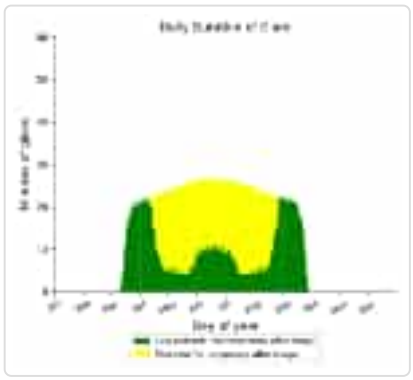


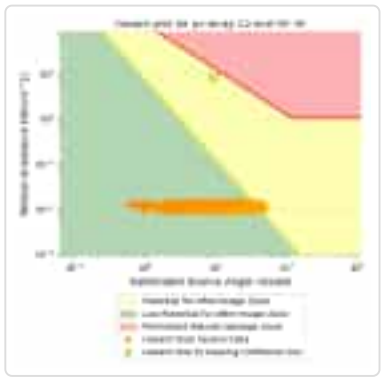
PV array 13: OP 48

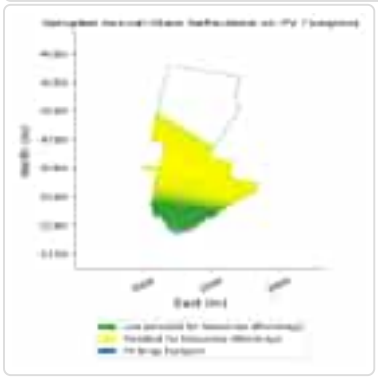
PV array is expected to produce the following glare for this receptor:

- 2,183 minutes of "green" glare with low potential to cause temporary after-image.
- 2,376 minutes of "yellow" glare with potential to cause temporary after-image.





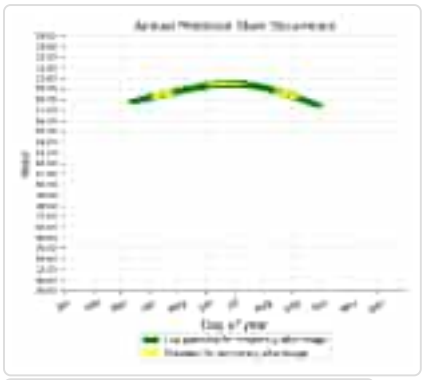


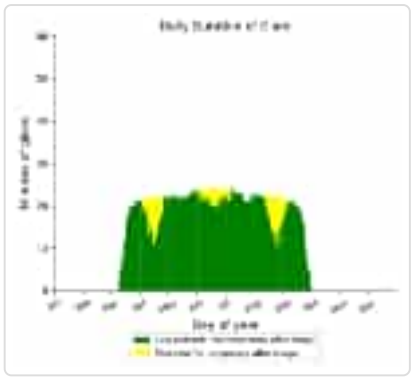


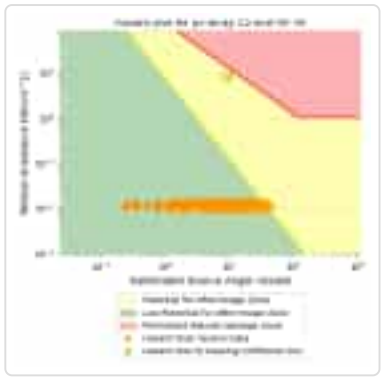
PV array 13: OP 49

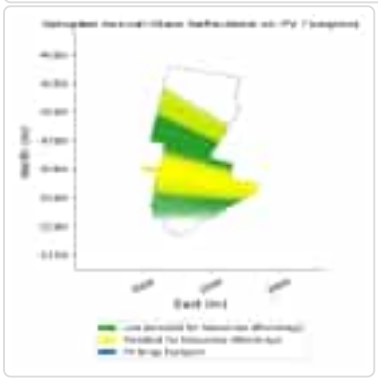
PV array is expected to produce the following glare for this receptor:

- 3,928 minutes of "green" glare with low potential to cause temporary after-image.
- 391 minutes of "yellow" glare with potential to cause temporary after-image.





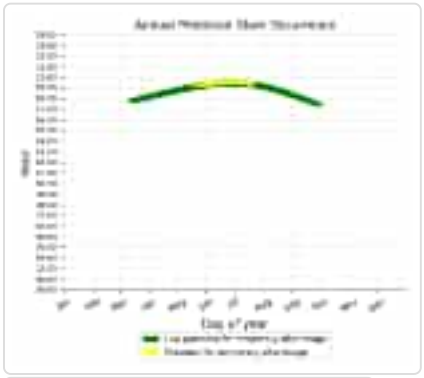


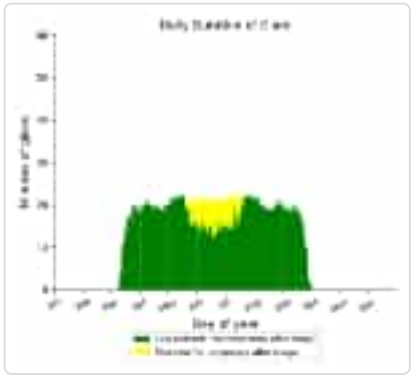


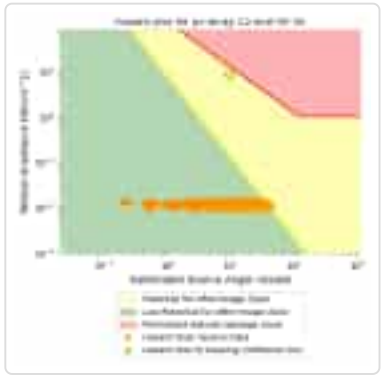
PV array 13: OP 50

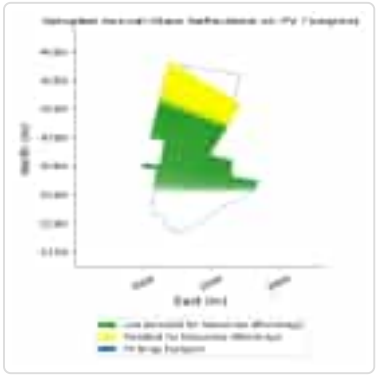
PV array is expected to produce the following glare for this receptor:

- 3,611 minutes of "green" glare with low potential to cause temporary after-image.
- 377 minutes of "yellow" glare with potential to cause temporary after-image.





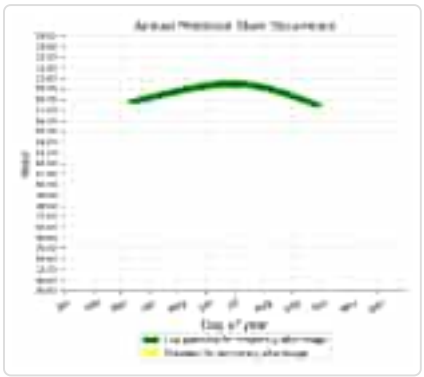


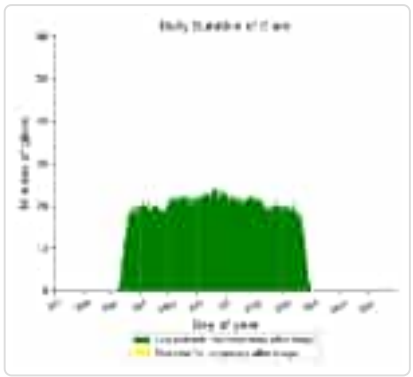


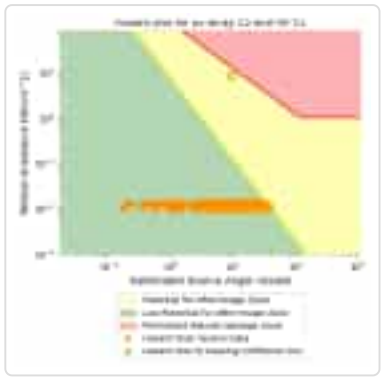
PV array 13: OP 51

PV array is expected to produce the following glare for this receptor:

- 4,045 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



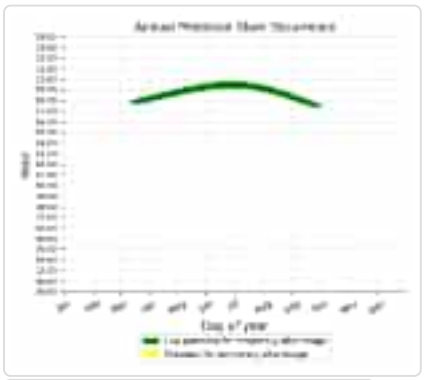


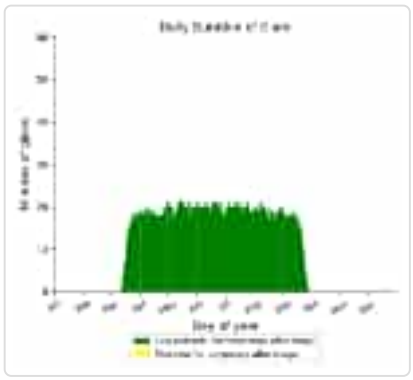


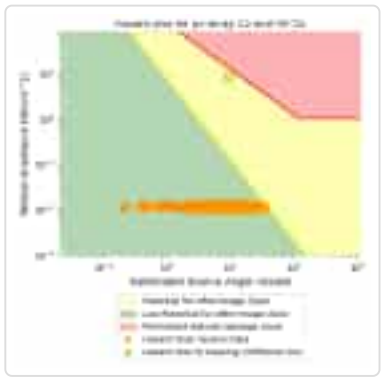
PV array 13: OP 52

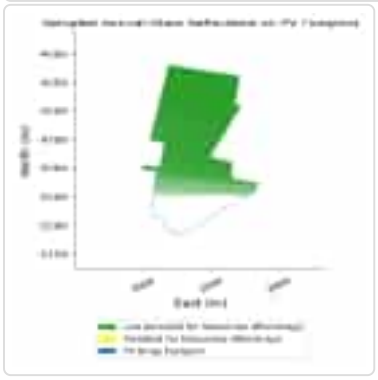
PV array is expected to produce the following glare for this receptor:

- 3,709 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





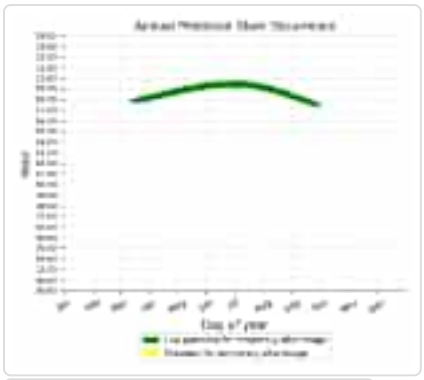


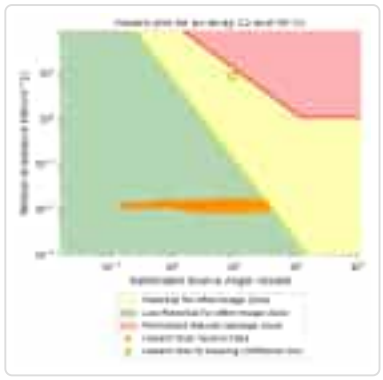


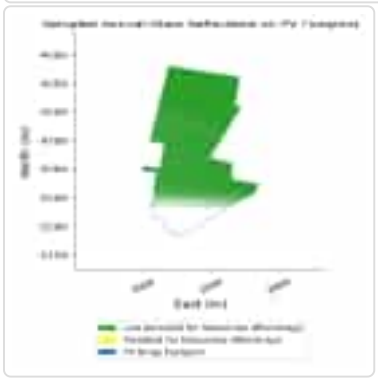
PV array 13: OP 53

PV array is expected to produce the following glare for this receptor:

- 3,605 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



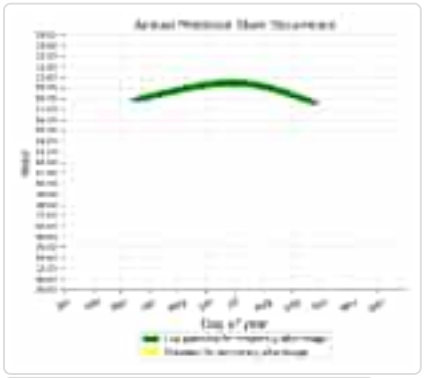


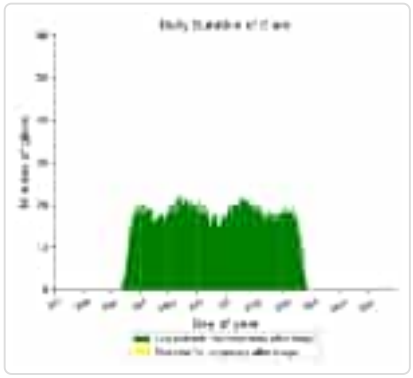


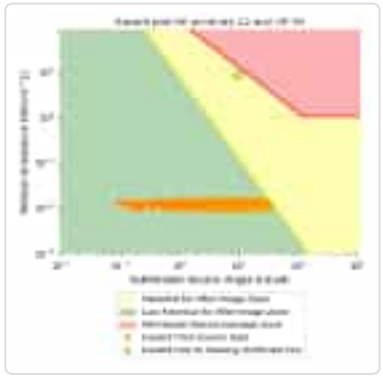
PV array 13: OP 54

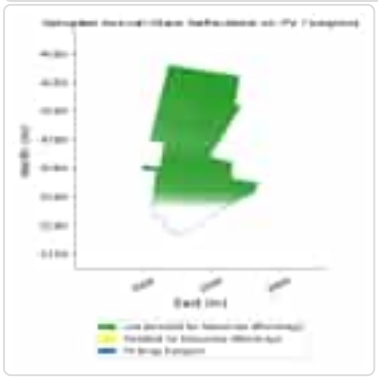
PV array is expected to produce the following glare for this receptor:

- 3,493 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





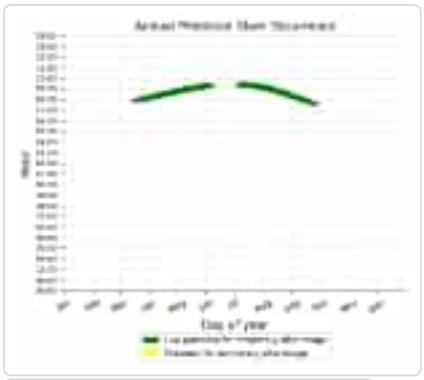


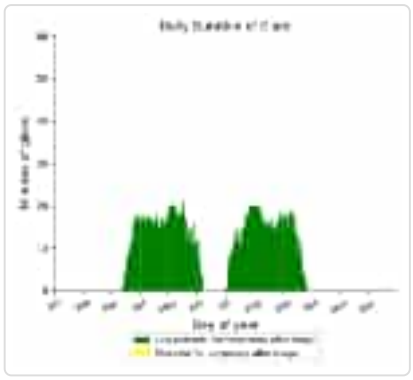


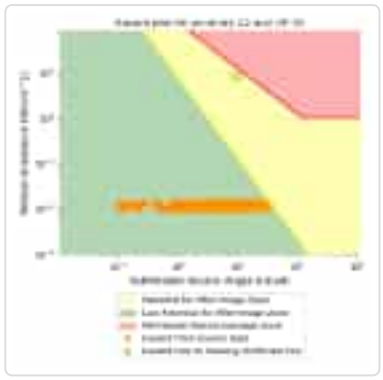
PV array 13: OP 55

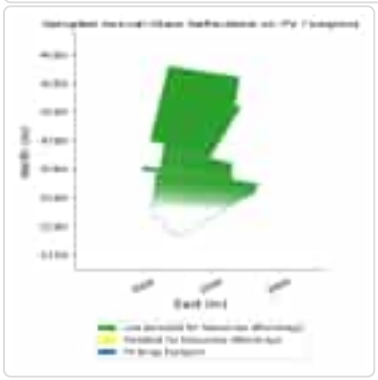
PV array is expected to produce the following glare for this receptor:

- 2,568 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





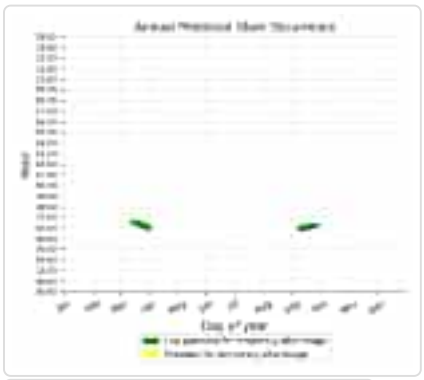


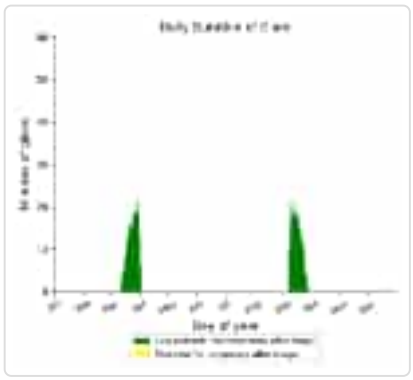


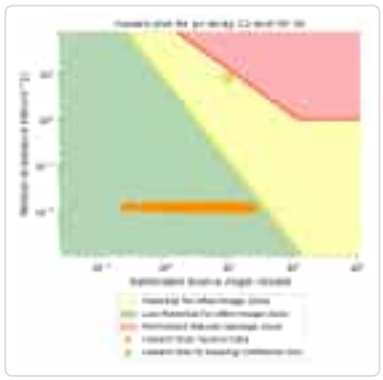
PV array 13: OP 56

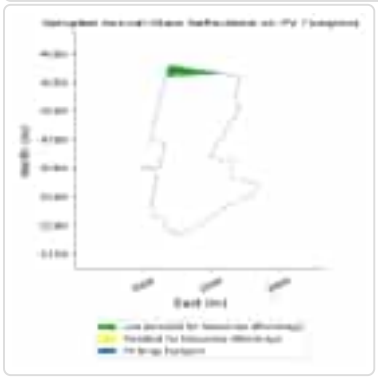
PV array is expected to produce the following glare for this receptor:

- 570 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





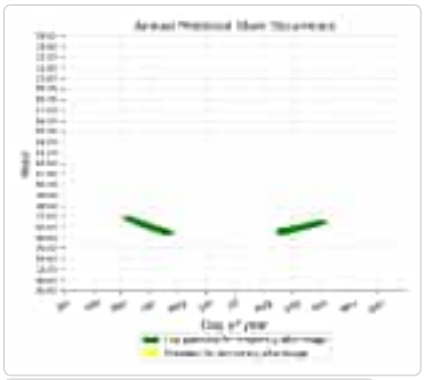


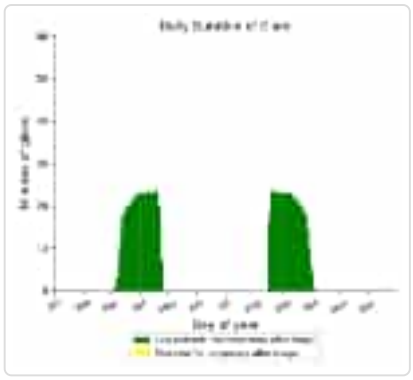


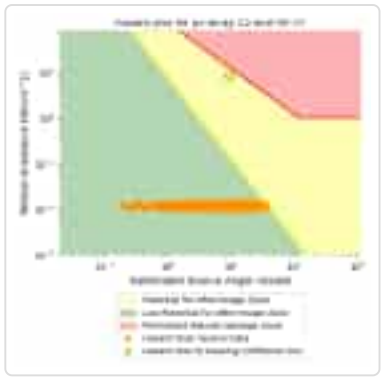
PV array 13: OP 57

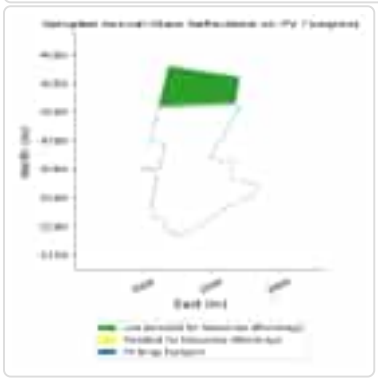
PV array is expected to produce the following glare for this receptor:

- 1,971 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





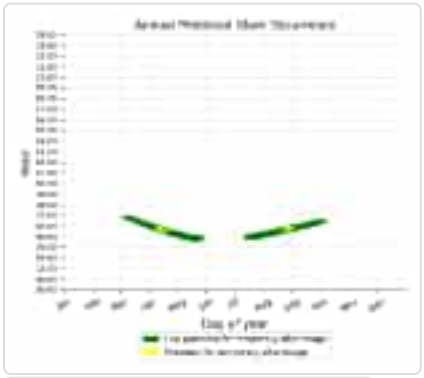


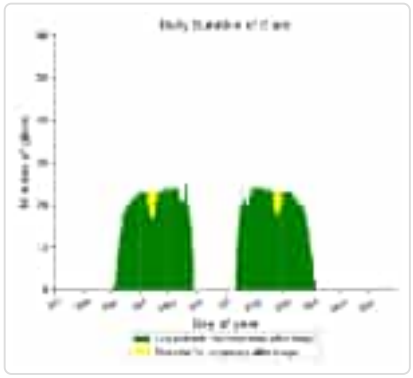


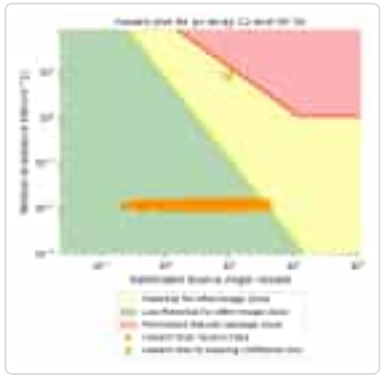
PV array 13: OP 58

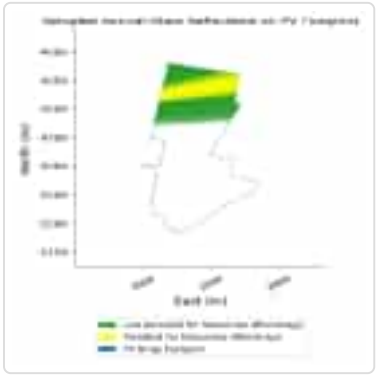
PV array is expected to produce the following glare for this receptor:

- 3,381 minutes of "green" glare with low potential to cause temporary after-image.
- 96 minutes of "yellow" glare with potential to cause temporary after-image.





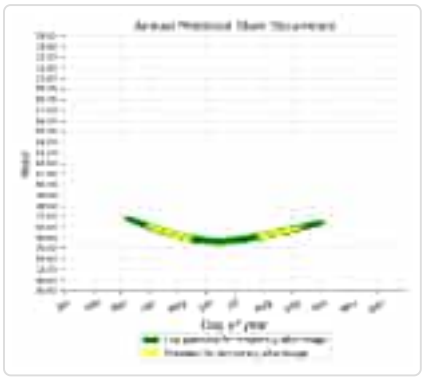


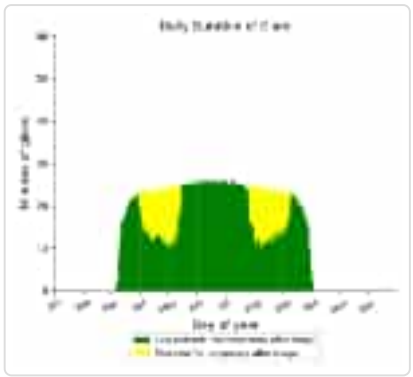


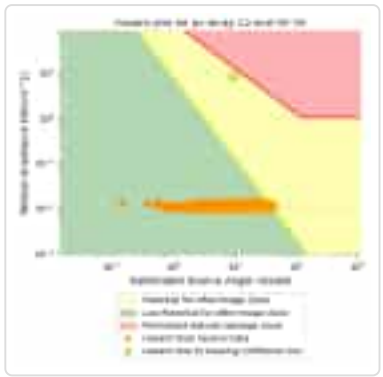
PV array 13: OP 59

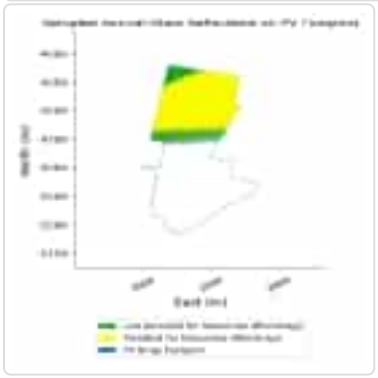
PV array is expected to produce the following glare for this receptor:

- 3,873 minutes of "green" glare with low potential to cause temporary after-image.
- 965 minutes of "yellow" glare with potential to cause temporary after-image.





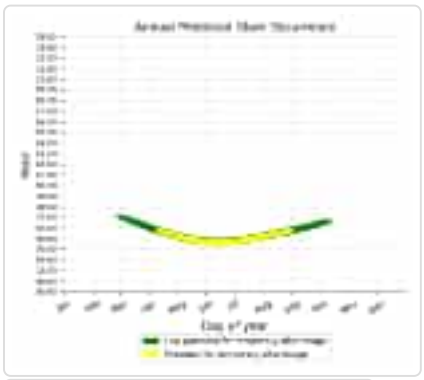


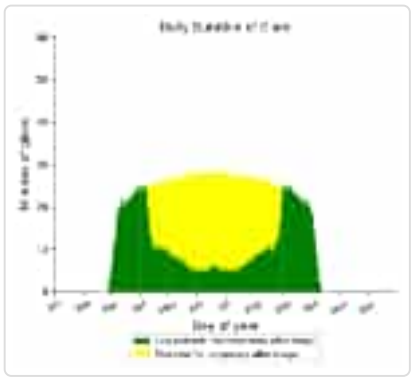


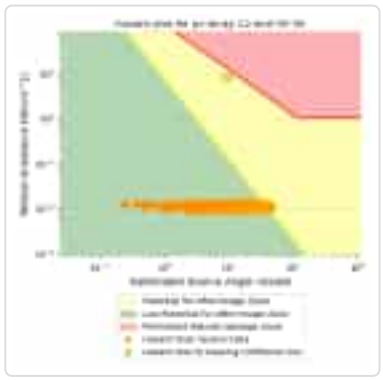
PV array 13: OP 60

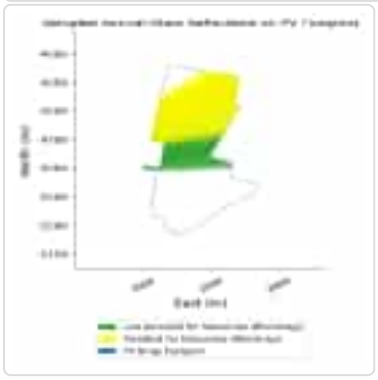
PV array is expected to produce the following glare for this receptor:

- 2,762 minutes of "green" glare with low potential to cause temporary after-image.
- 2,731 minutes of "yellow" glare with potential to cause temporary after-image.





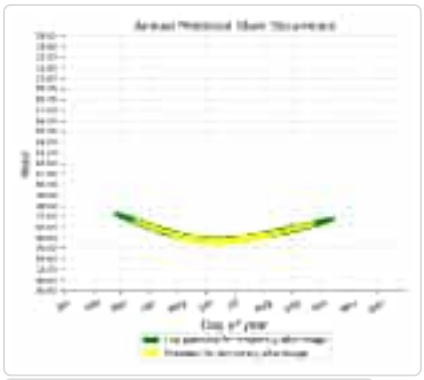


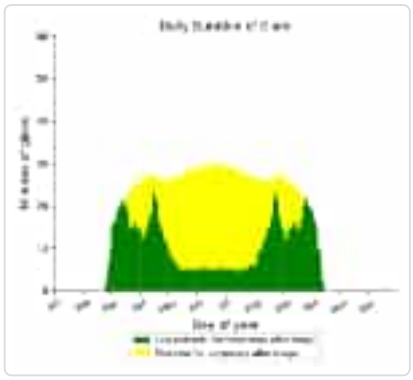


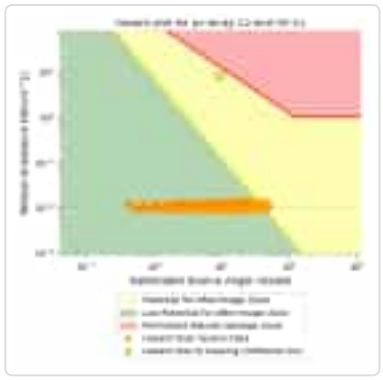
PV array 13: OP 61

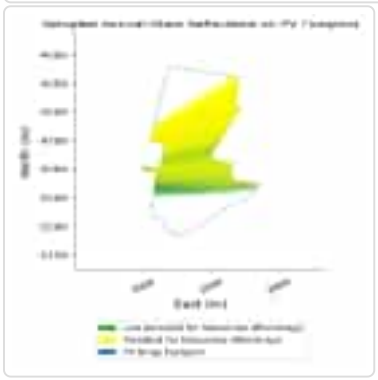
PV array is expected to produce the following glare for this receptor:

- 2,627 minutes of "green" glare with low potential to cause temporary after-image.
- 3,159 minutes of "yellow" glare with potential to cause temporary after-image.





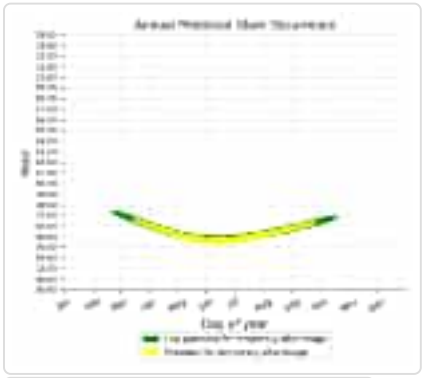


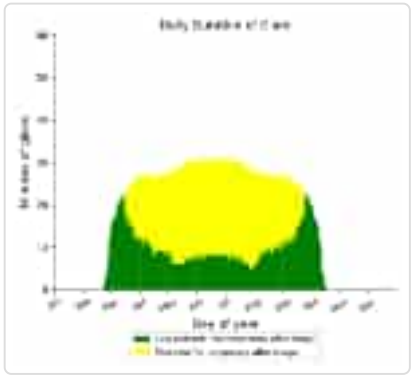


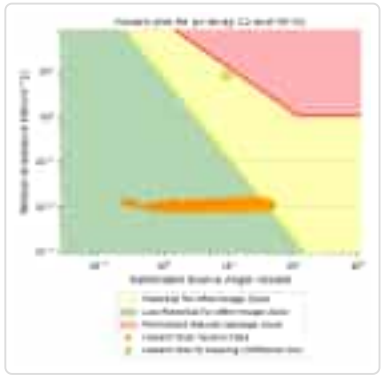
PV array 13: OP 62

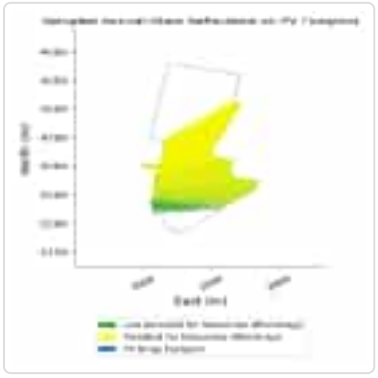
PV array is expected to produce the following glare for this receptor:

- 2,440 minutes of "green" glare with low potential to cause temporary after-image.
- 3,623 minutes of "yellow" glare with potential to cause temporary after-image.





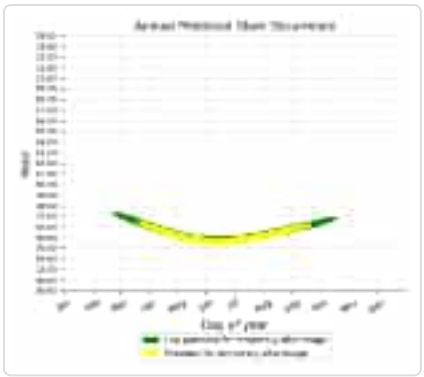


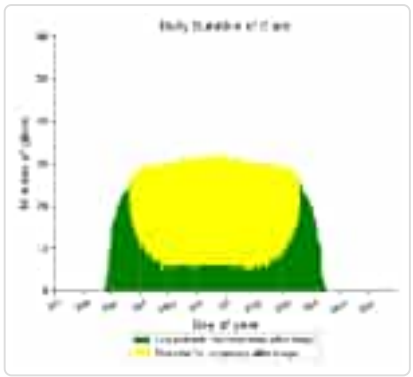


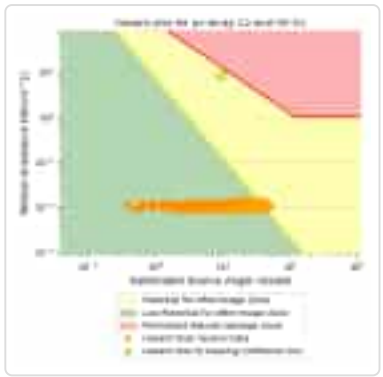
PV array 13: OP 63

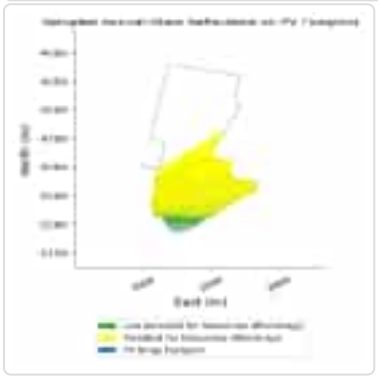
PV array is expected to produce the following glare for this receptor:

- 2,255 minutes of "green" glare with low potential to cause temporary after-image.
- 4,112 minutes of "yellow" glare with potential to cause temporary after-image.





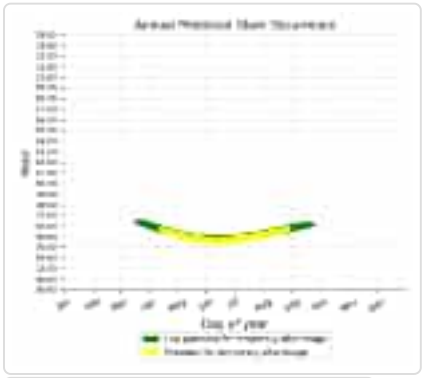


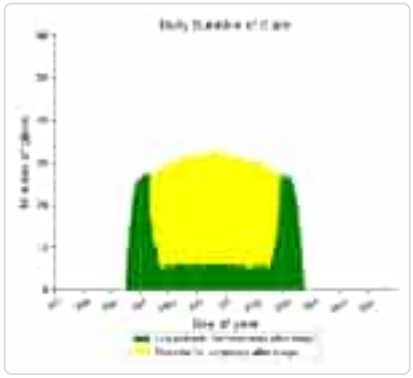


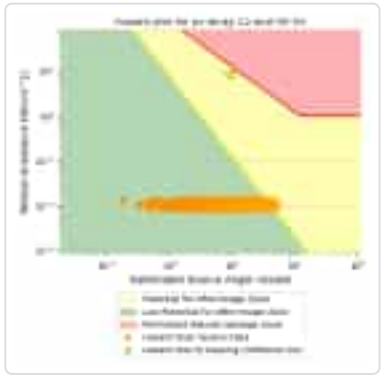
PV array 13: OP 64

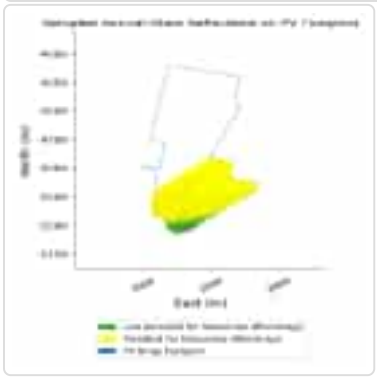
PV array is expected to produce the following glare for this receptor:

- 2,067 minutes of "green" glare with low potential to cause temporary after-image.
- 3,298 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14 potential temporary after-image

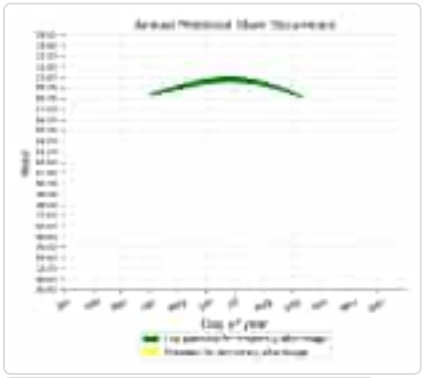
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	1113	0
OP: OP 2	1097	0
OP: OP 3	1228	0
OP: OP 4	1507	0
OP: OP 5	922	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	988	0
OP: OP 11	999	0
OP: OP 12	1267	0
OP: OP 13	1302	0
OP: OP 14	1158	0
OP: OP 15	558	0
OP: OP 16	600	0
OP: OP 17	437	0
OP: OP 18	354	0
OP: OP 19	379	0
OP: OP 20	442	0
OP: OP 21	526	0
OP: OP 22	558	0
OP: OP 23	1561	121
OP: OP 24	929	760
OP: OP 25	0	0

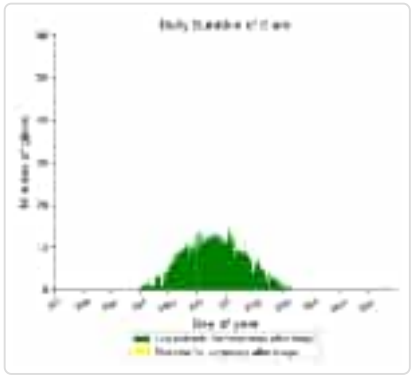
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	2051	0
OP: OP 36	1899	0
OP: OP 37	1355	0
OP: OP 38	992	0
OP: OP 39	193	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	533	0
OP: OP 51	708	0
OP: OP 52	1105	0
OP: OP 53	1097	0
OP: OP 54	1015	0
OP: OP 55	1197	0
OP: OP 56	762	0
OP: OP 57	1339	0
OP: OP 58	1749	0
OP: OP 59	2178	0
OP: OP 60	3434	0
OP: OP 61	3242	0
OP: OP 62	2701	0
OP: OP 63	2185	0
OP: OP 64	1808	0

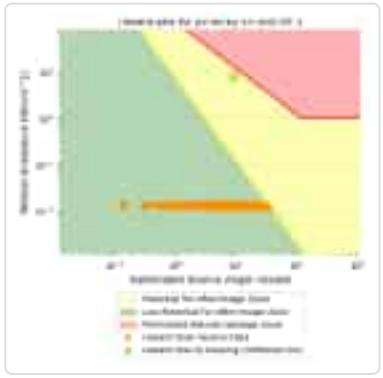
PV array 14: OP 1

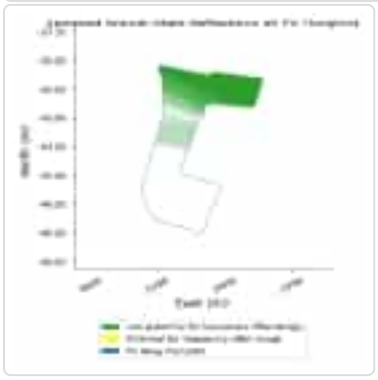
PV array is expected to produce the following glare for this receptor:

- 1,113 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





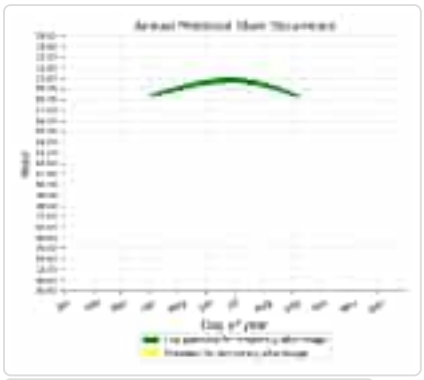


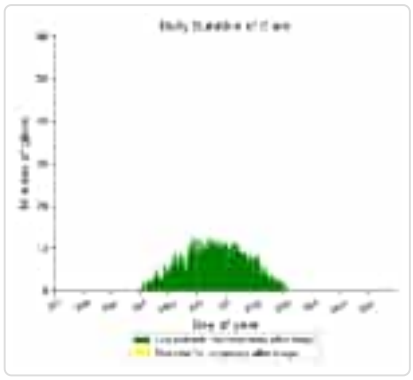


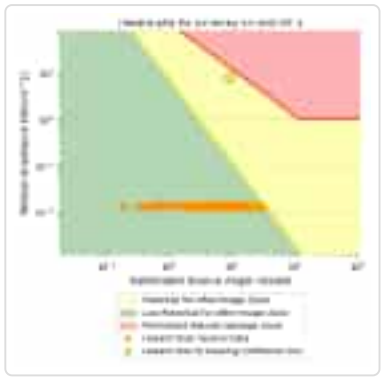
PV array 14: OP 2

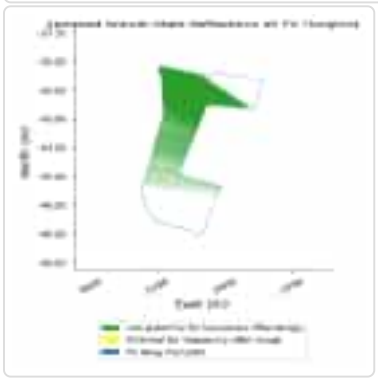
PV array is expected to produce the following glare for this receptor:

- 1,097 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





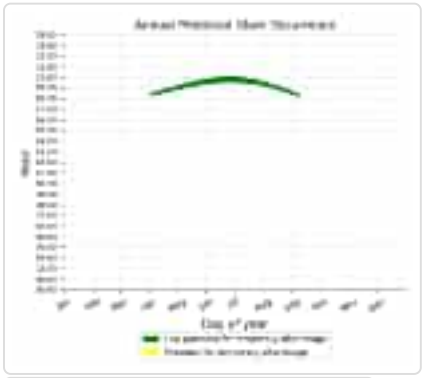


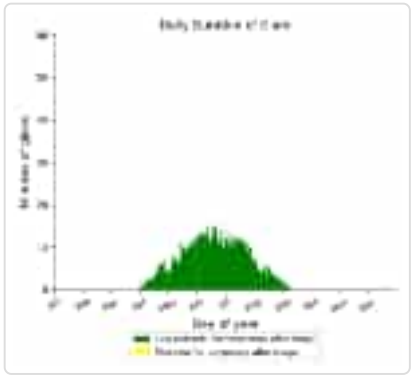


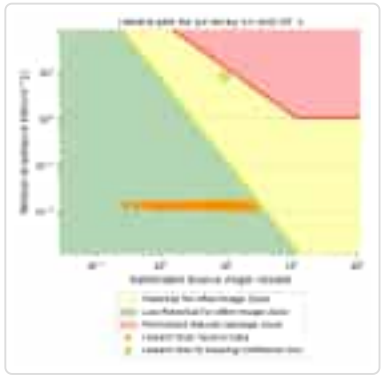
PV array 14: OP 3

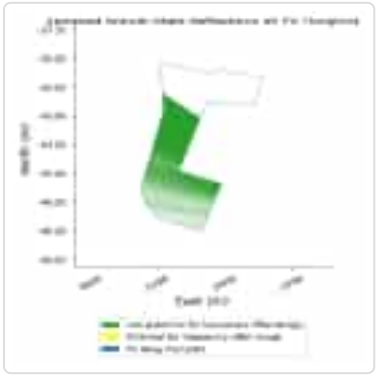
PV array is expected to produce the following glare for this receptor:

- 1,228 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





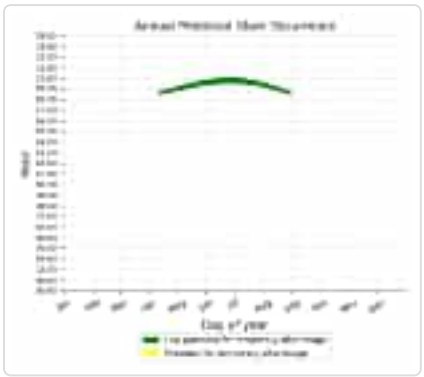


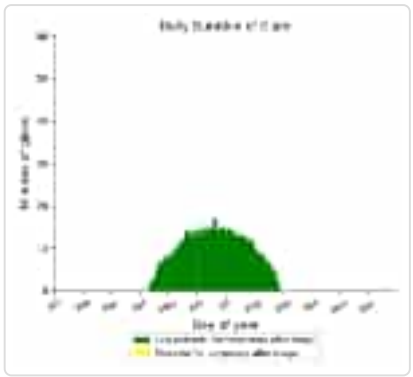


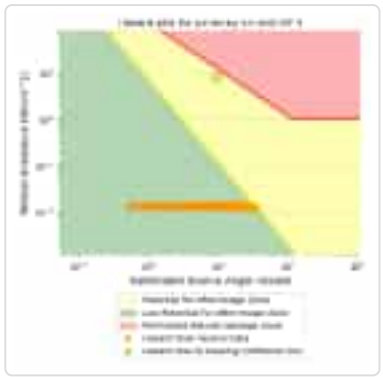
PV array 14: OP 4

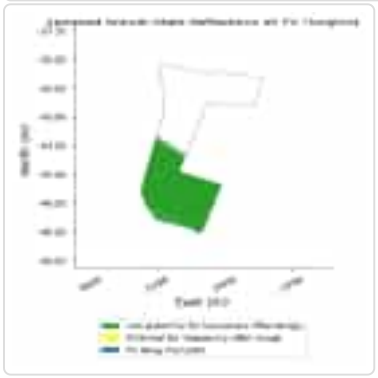
PV array is expected to produce the following glare for this receptor:

- 1,507 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





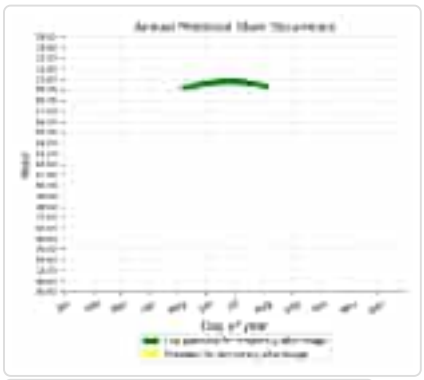


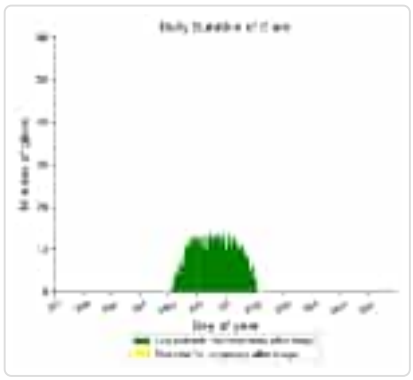


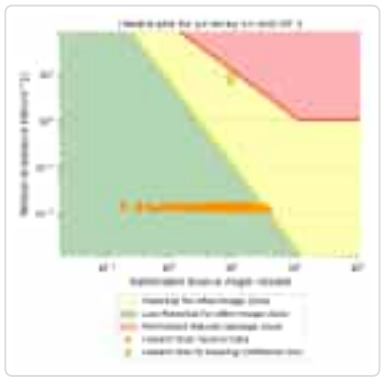
PV array 14: OP 5

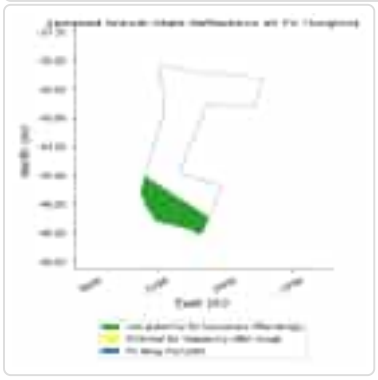
PV array is expected to produce the following glare for this receptor:

- 922 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14: OP 6

No glare found

PV array 14: OP 7

No glare found

PV array 14: OP 8

No glare found

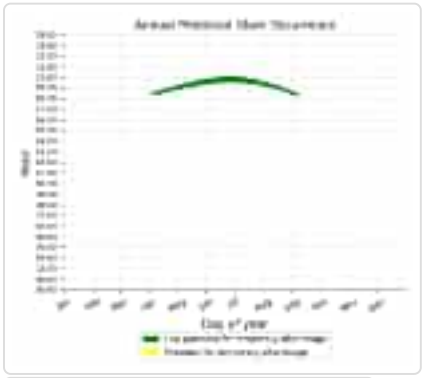
PV array 14: OP 9

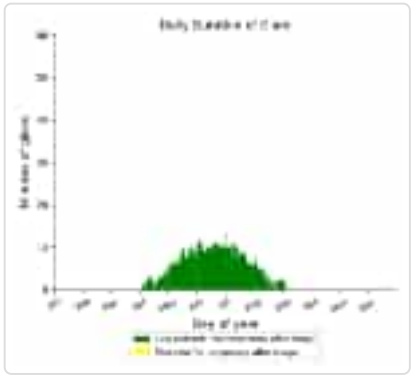
No glare found

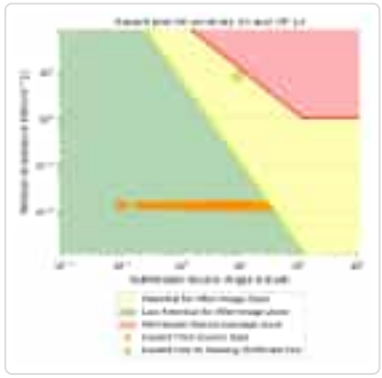
PV array 14: OP 10

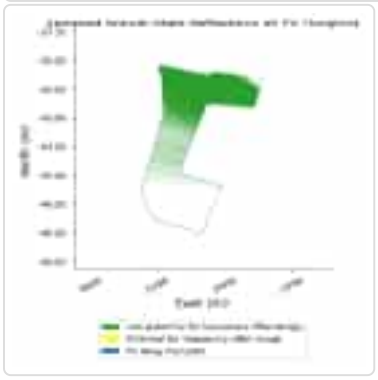
PV array is expected to produce the following glare for this receptor:

- 988 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





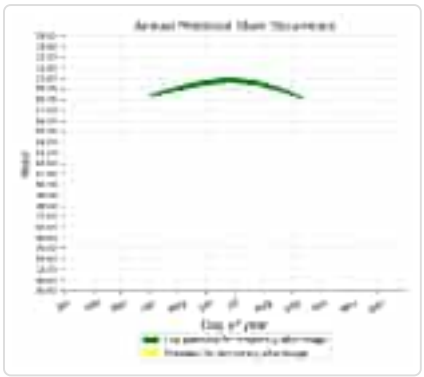


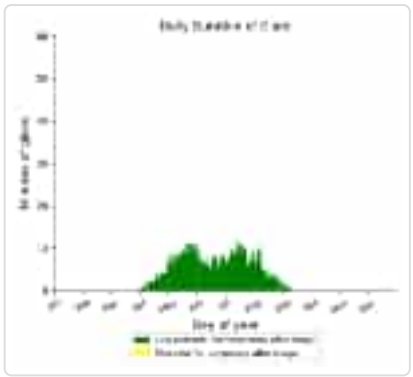


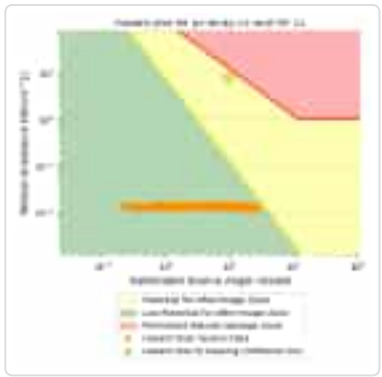
PV array 14: OP 11

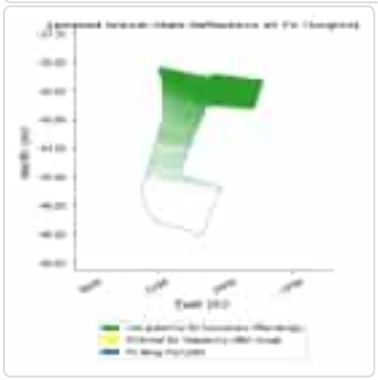
PV array is expected to produce the following glare for this receptor:

- 999 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





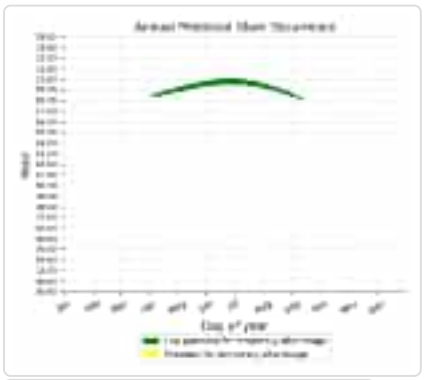


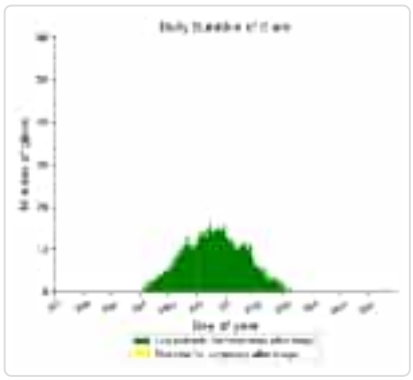


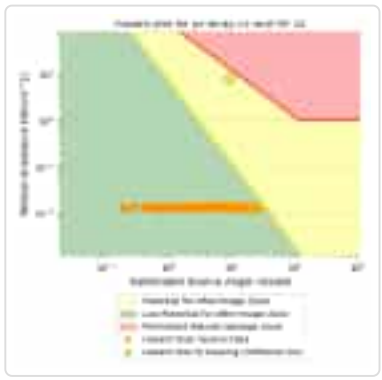
PV array 14: OP 12

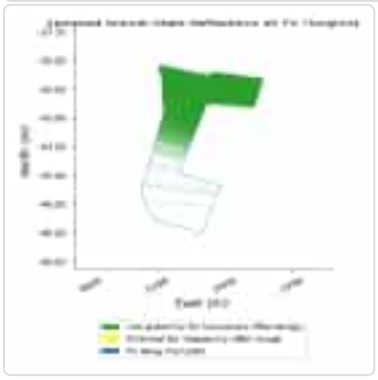
PV array is expected to produce the following glare for this receptor:

- 1,267 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





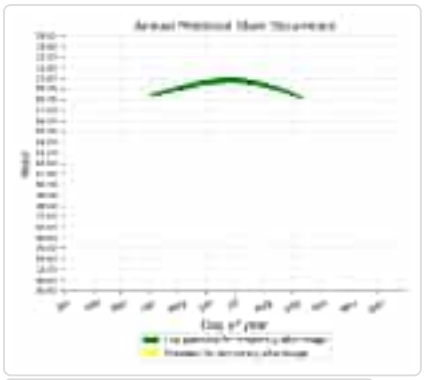


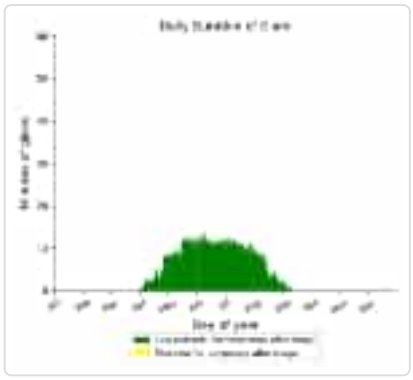


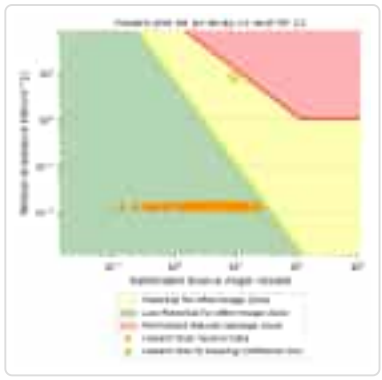
PV array 14: OP 13

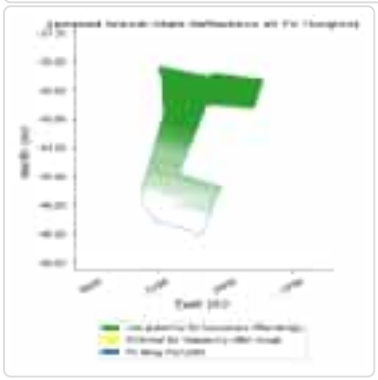
PV array is expected to produce the following glare for this receptor:

- 1,302 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





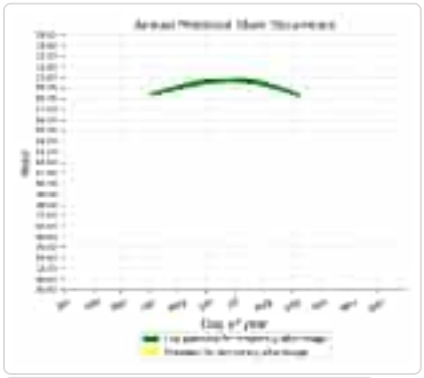


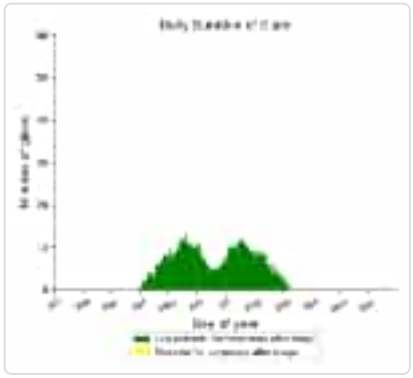


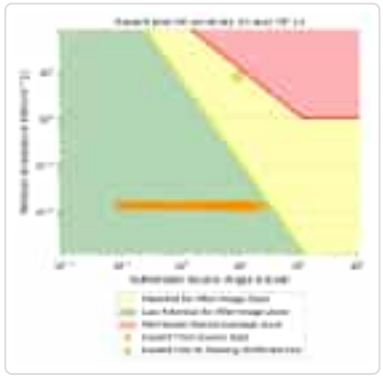
PV array 14: OP 14

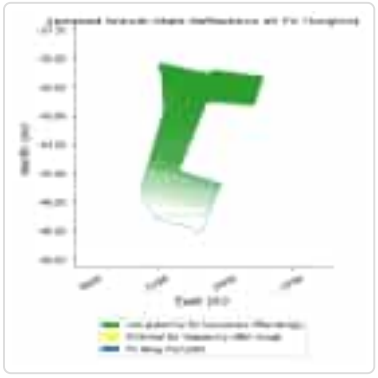
PV array is expected to produce the following glare for this receptor:

- 1,158 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





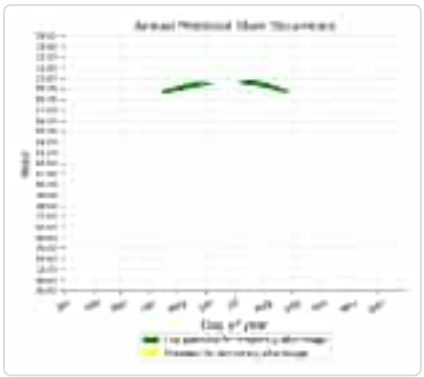


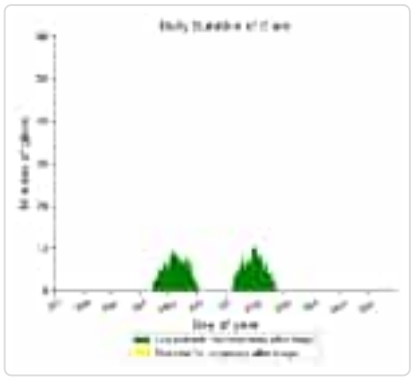


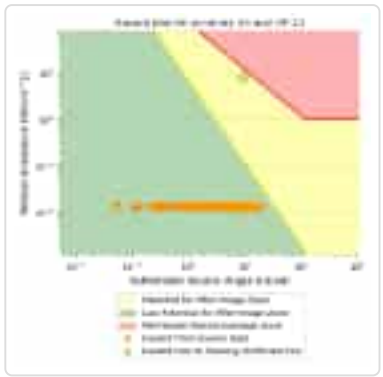
PV array 14: OP 15

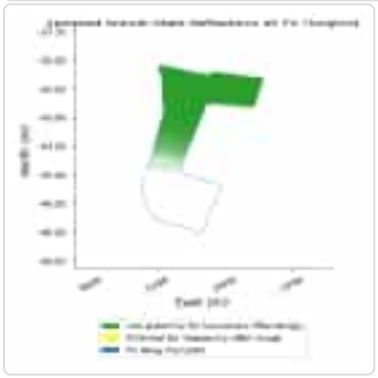
PV array is expected to produce the following glare for this receptor:

- 558 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





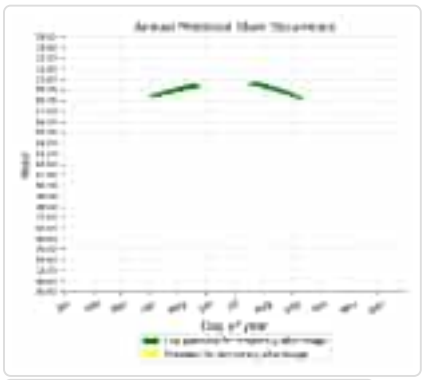


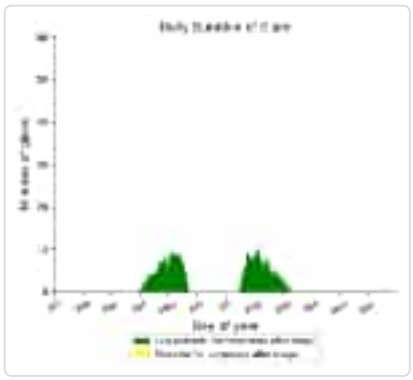


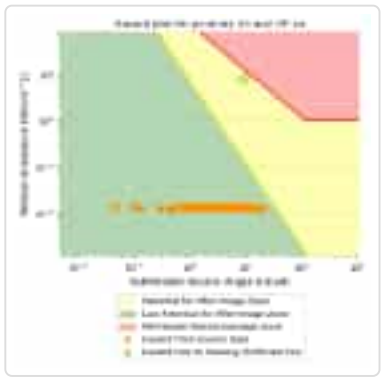
PV array 14: OP 16

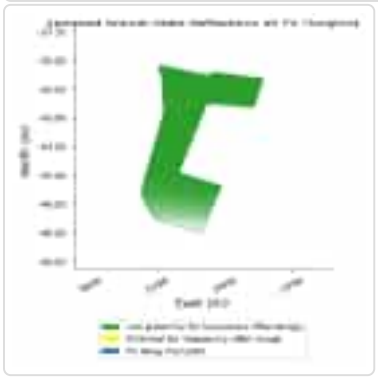
PV array is expected to produce the following glare for this receptor:

- 600 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





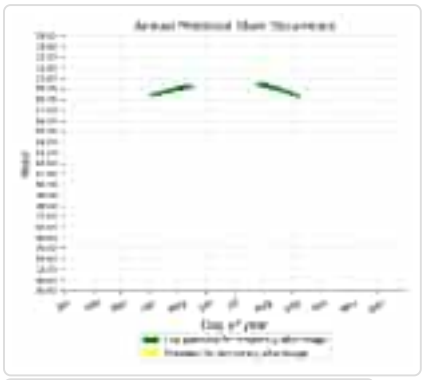


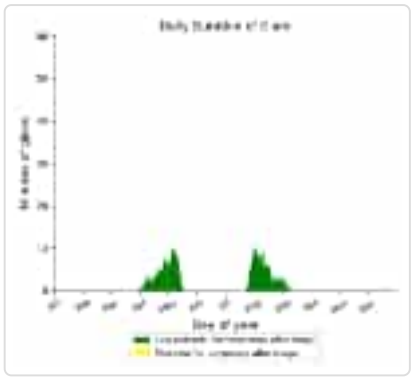


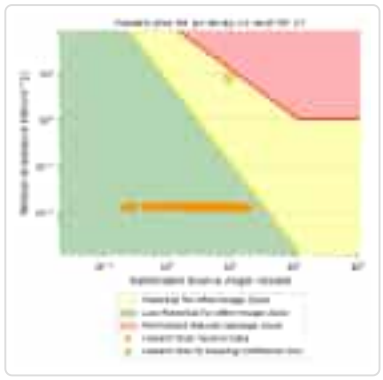
PV array 14: OP 17

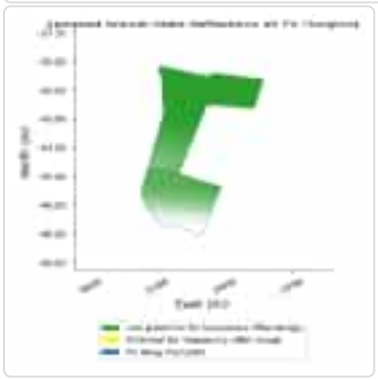
PV array is expected to produce the following glare for this receptor:

- 437 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





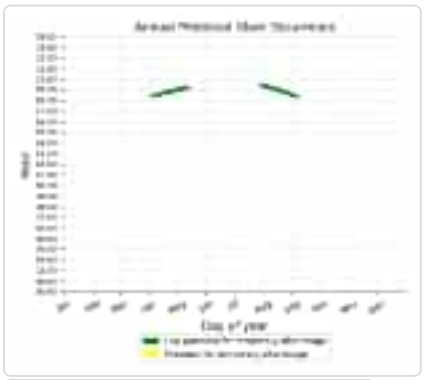


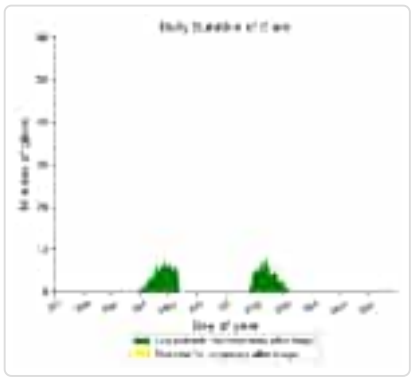


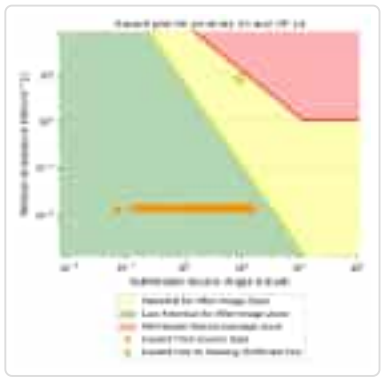
PV array 14: OP 18

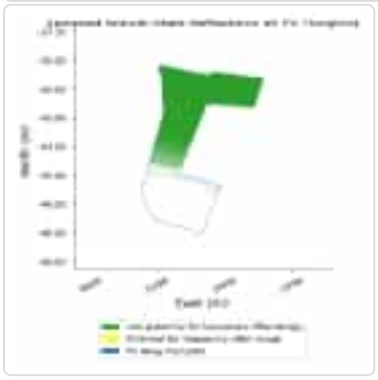
PV array is expected to produce the following glare for this receptor:

- 354 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





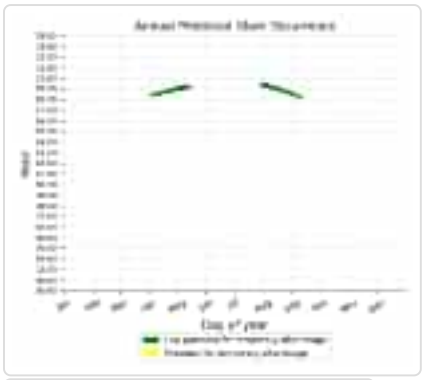


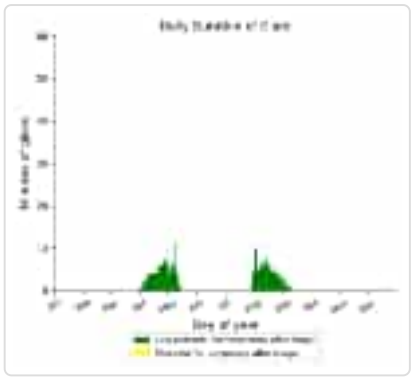


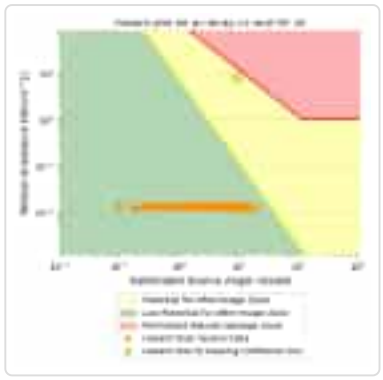
PV array 14: OP 19

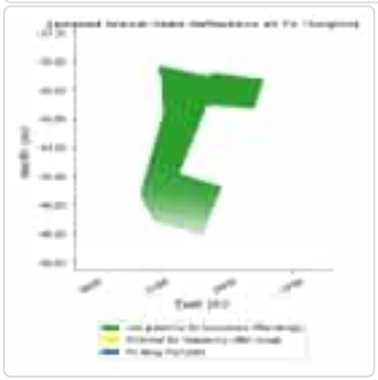
PV array is expected to produce the following glare for this receptor:

- 379 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





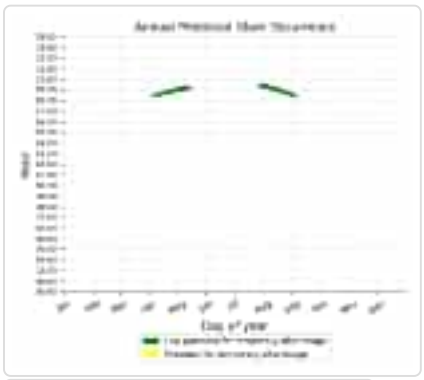


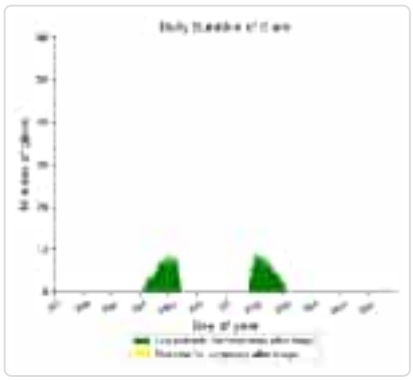


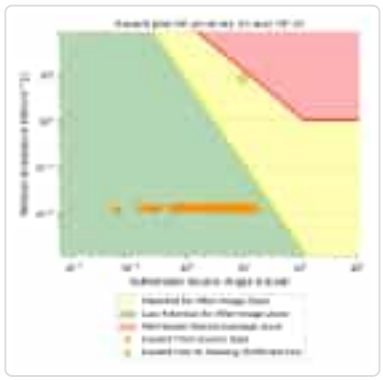
PV array 14: OP 20

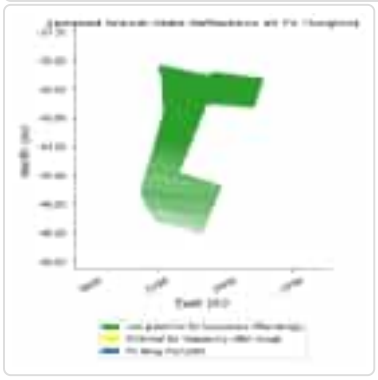
PV array is expected to produce the following glare for this receptor:

- 442 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





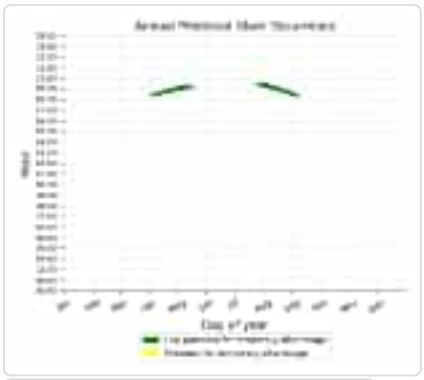


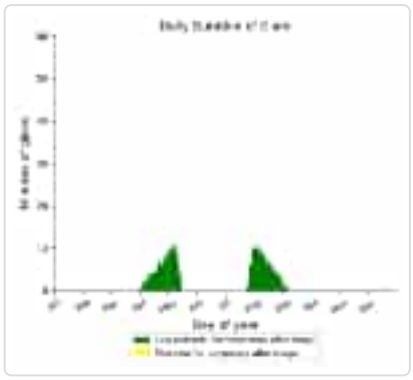


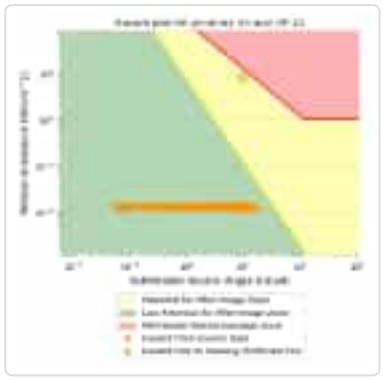
PV array 14: OP 21

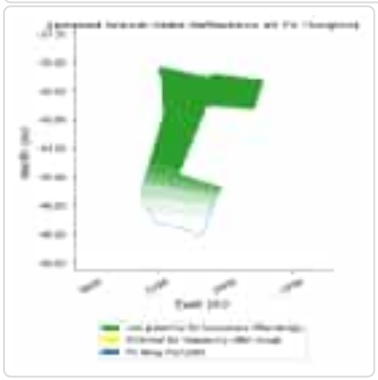
PV array is expected to produce the following glare for this receptor:

- 526 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





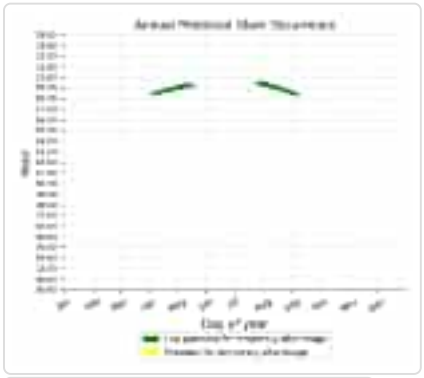


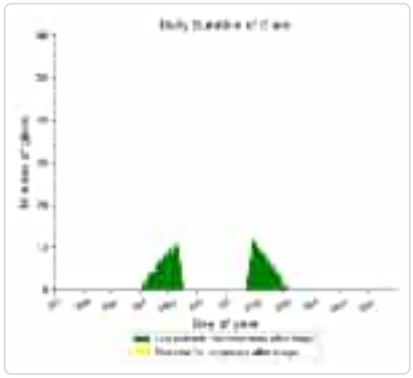


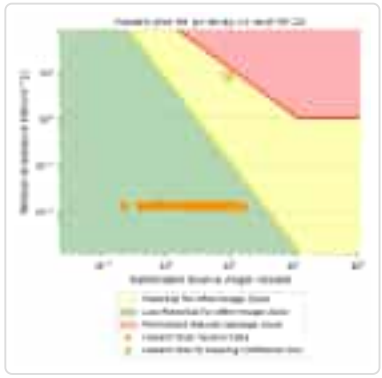
PV array 14: OP 22

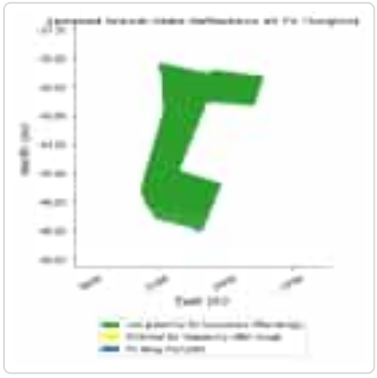
PV array is expected to produce the following glare for this receptor:

- 558 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





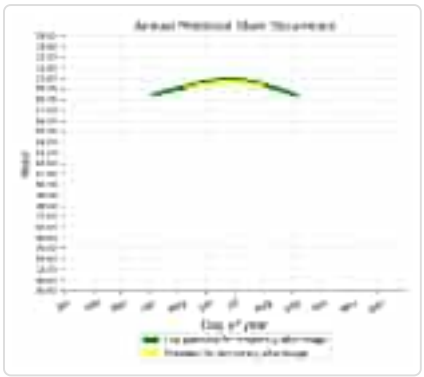


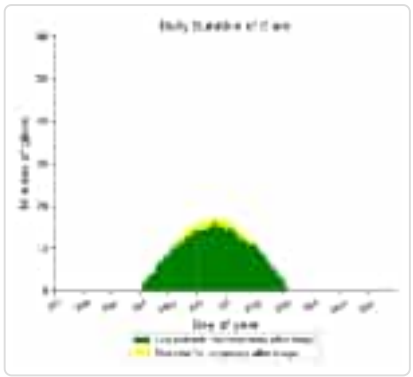


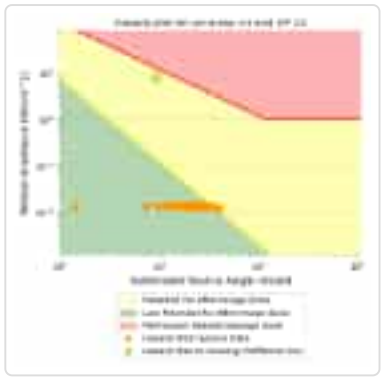
PV array 14: OP 23

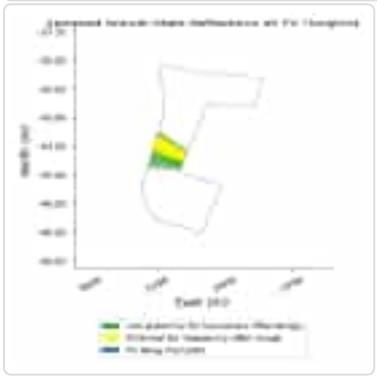
PV array is expected to produce the following glare for this receptor:

- 1,561 minutes of "green" glare with low potential to cause temporary after-image.
- 121 minutes of "yellow" glare with potential to cause temporary after-image.





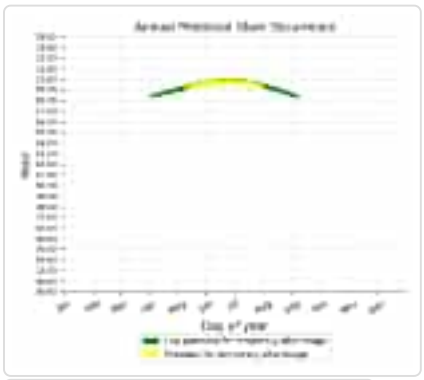


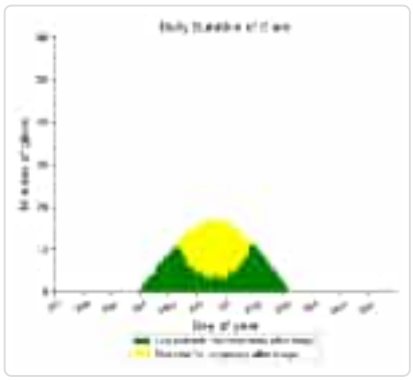


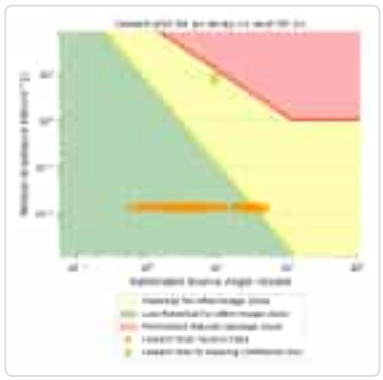
PV array 14: OP 24

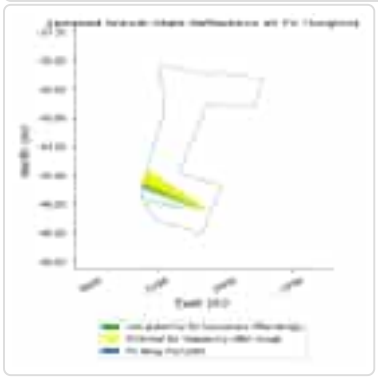
PV array is expected to produce the following glare for this receptor:

- 929 minutes of "green" glare with low potential to cause temporary after-image.
- 760 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14: OP 25

No glare found

PV array 14: OP 26

No glare found

PV array 14: OP 27

No glare found

PV array 14: OP 28

No glare found

PV array 14: OP 29

No glare found

PV array 14: OP 30

No glare found

PV array 14: OP 31

No glare found

PV array 14: OP 32

No glare found

PV array 14: OP 33

No glare found

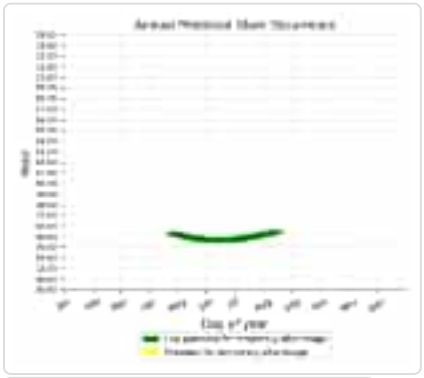
PV array 14: OP 34

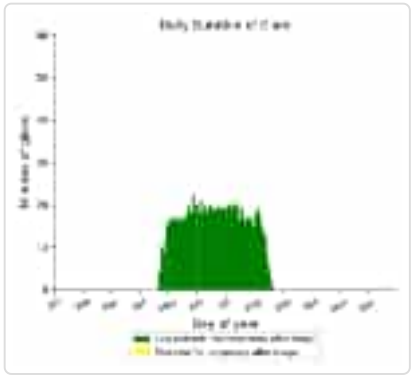
No glare found

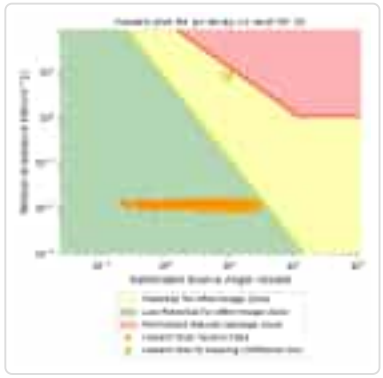
PV array 14: OP 35

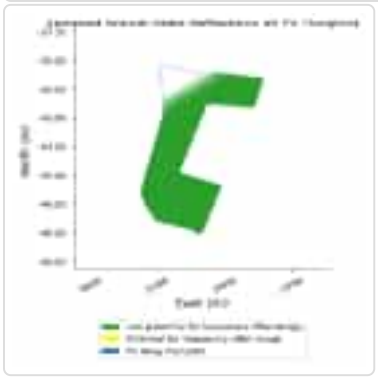
PV array is expected to produce the following glare for this receptor:

- 2,051 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





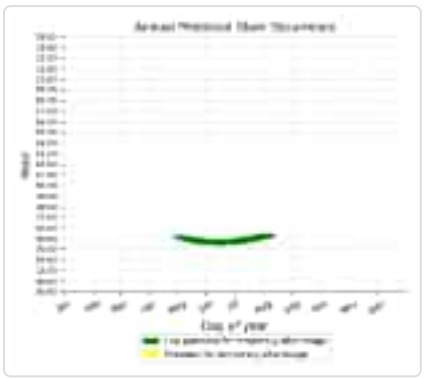


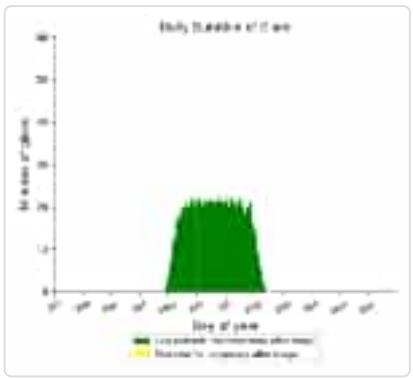


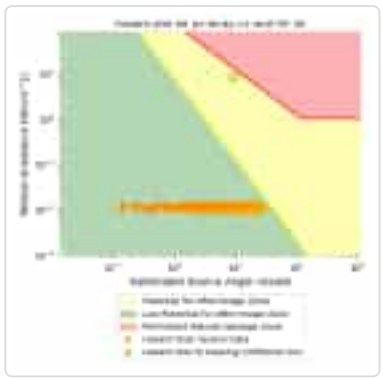
PV array 14: OP 36

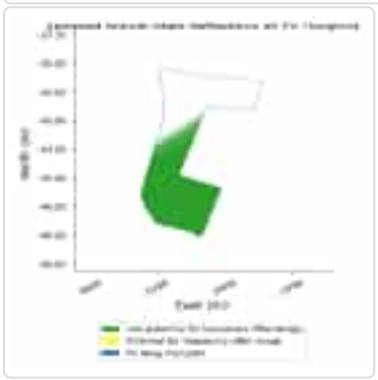
PV array is expected to produce the following glare for this receptor:

- 1,899 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





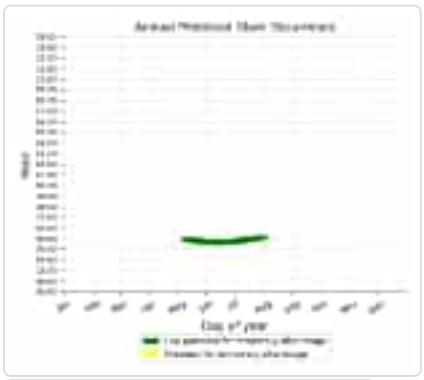


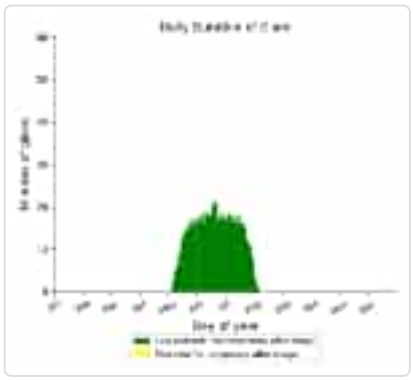


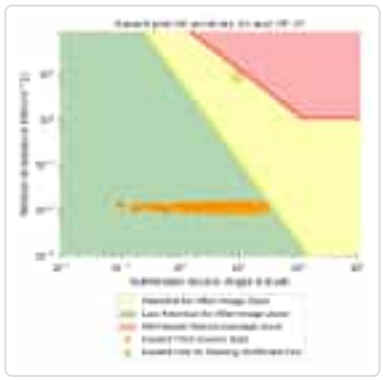
PV array 14: OP 37

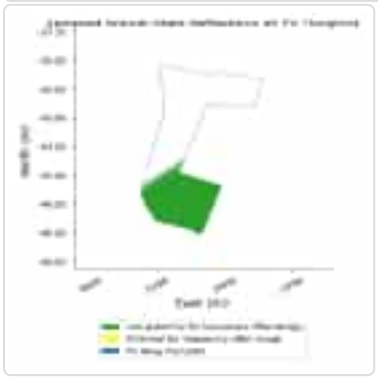
PV array is expected to produce the following glare for this receptor:

- 1,355 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





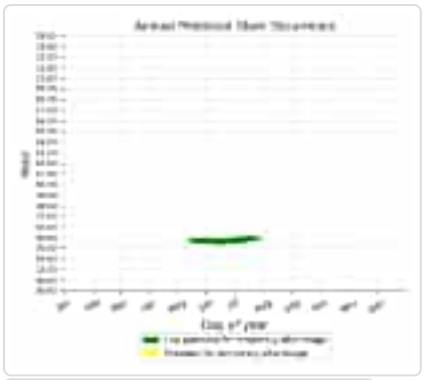


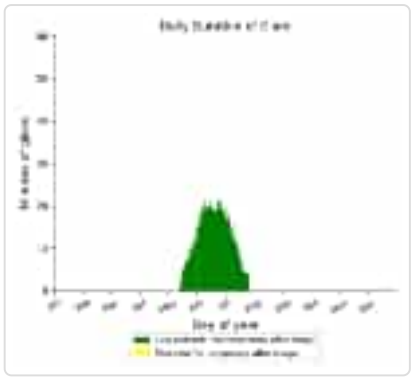


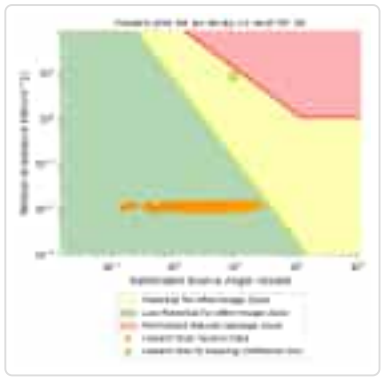
PV array 14: OP 38

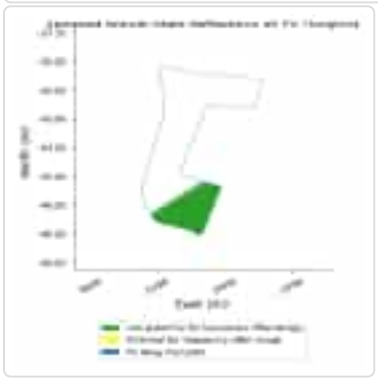
PV array is expected to produce the following glare for this receptor:

- 992 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





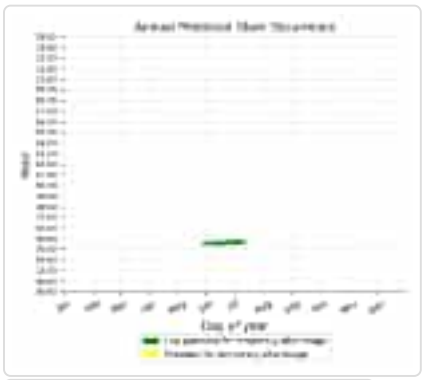


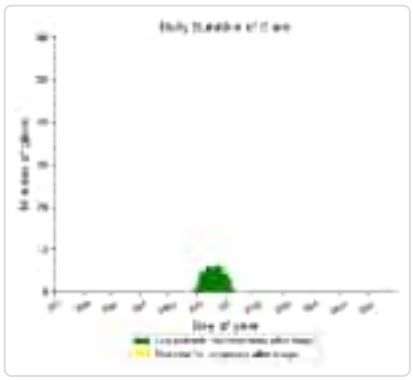


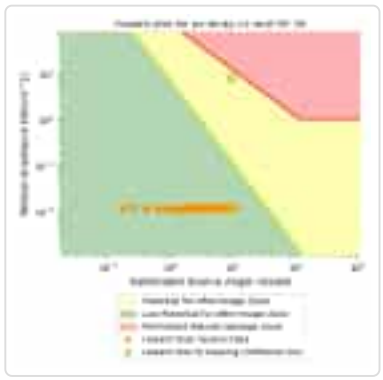
PV array 14: OP 39

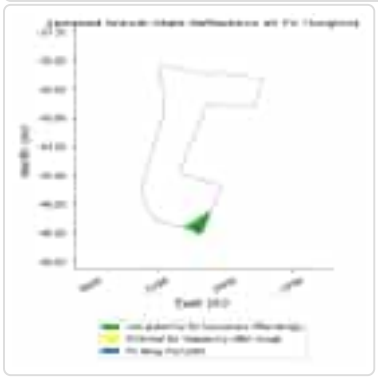
PV array is expected to produce the following glare for this receptor:

- 193 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14: OP 40

No glare found

PV array 14: OP 41

No glare found

PV array 14: OP 42

No glare found

PV array 14: OP 43

No glare found

PV array 14: OP 44

No glare found

PV array 14: OP 45

No glare found

PV array 14: OP 46

No glare found

PV array 14: OP 47

No glare found

PV array 14: OP 48

No glare found

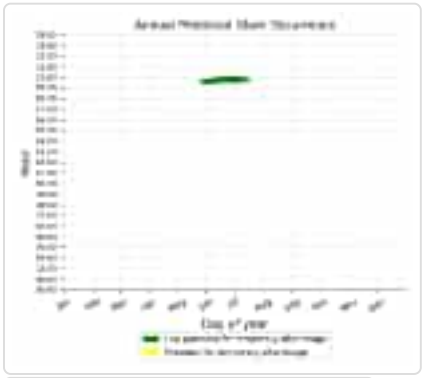
PV array 14: OP 49

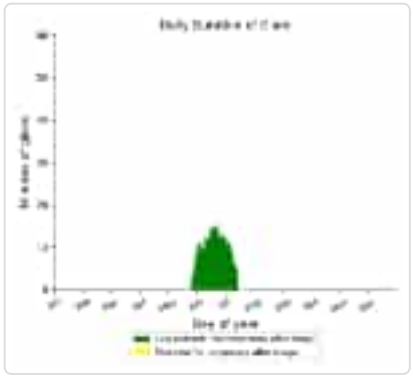
No glare found

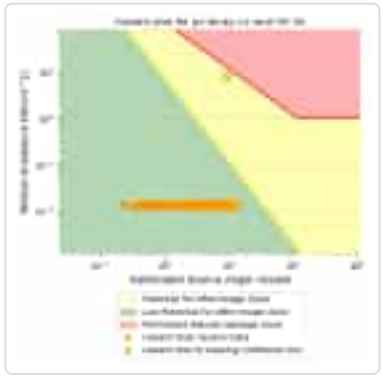
PV array 14: OP 50

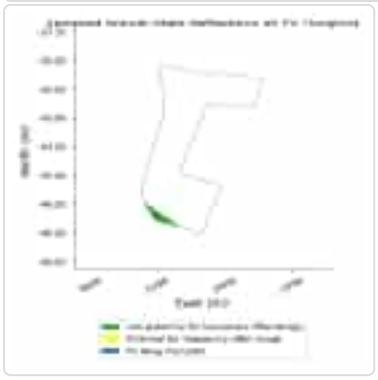
PV array is expected to produce the following glare for this receptor:

- 533 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





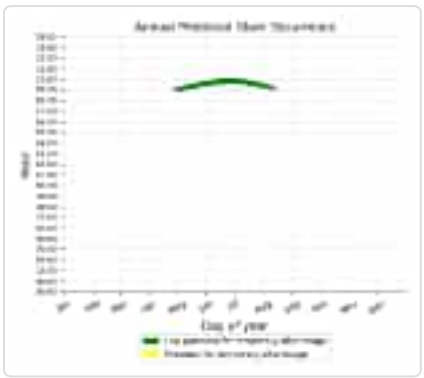


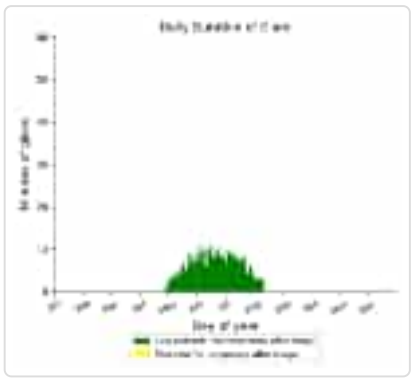


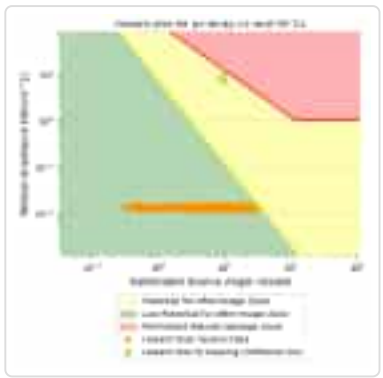
PV array 14: OP 51

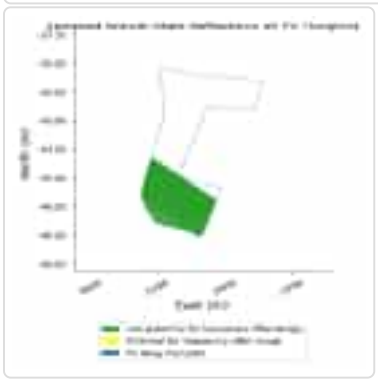
PV array is expected to produce the following glare for this receptor:

- 708 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





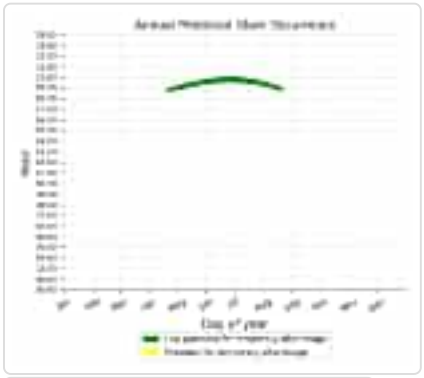


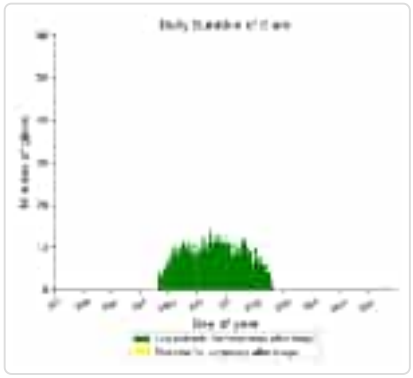


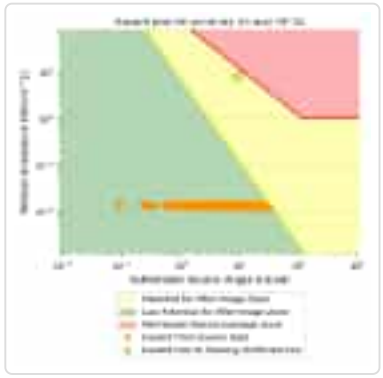
PV array 14: OP 52

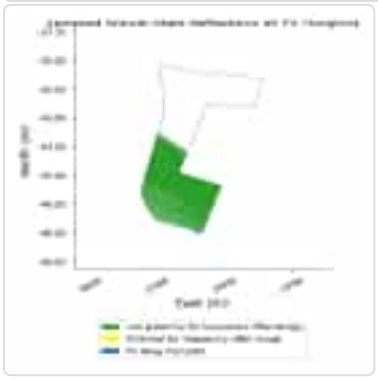
PV array is expected to produce the following glare for this receptor:

- 1,105 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





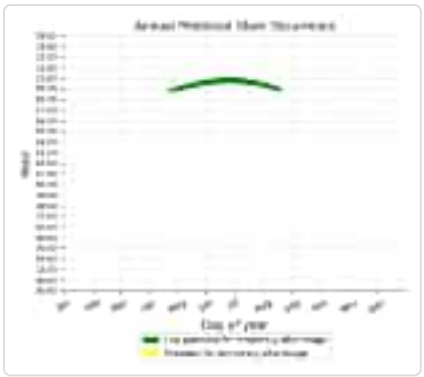


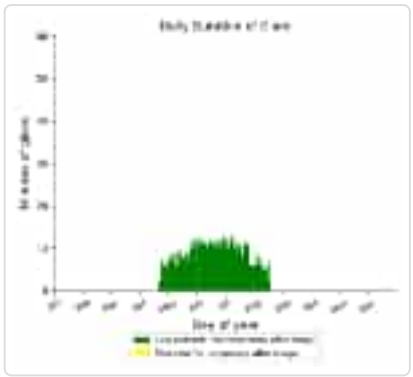


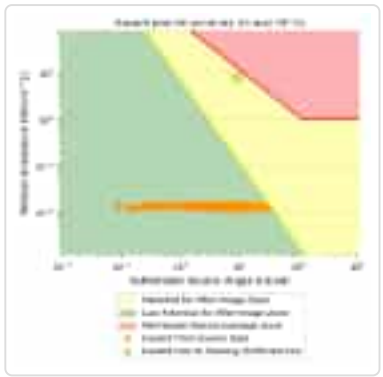
PV array 14: OP 53

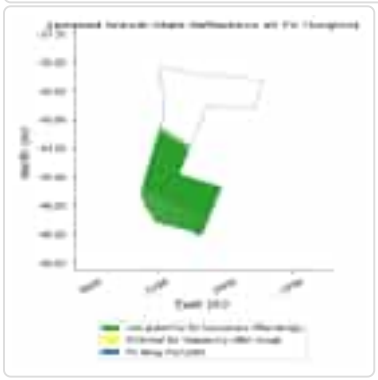
PV array is expected to produce the following glare for this receptor:

- 1,097 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





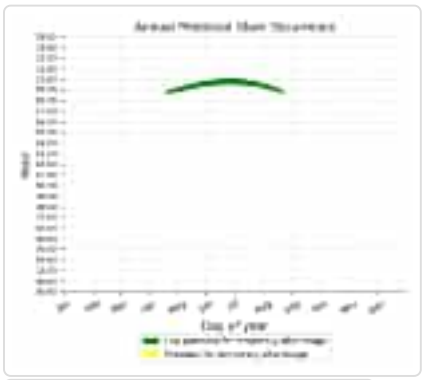


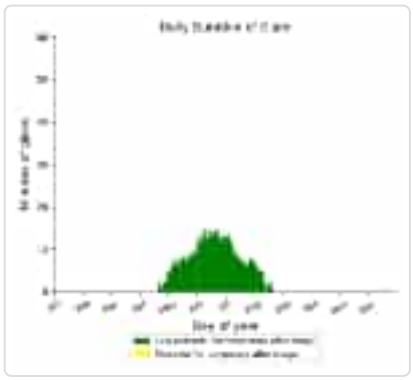


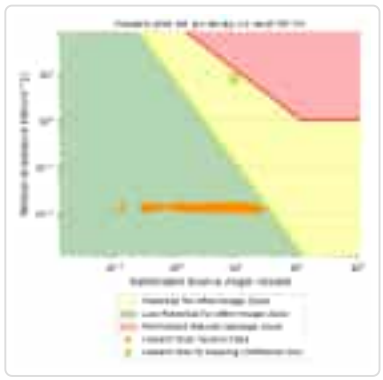
PV array 14: OP 54

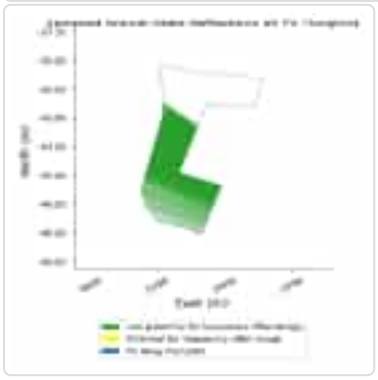
PV array is expected to produce the following glare for this receptor:

- 1,015 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





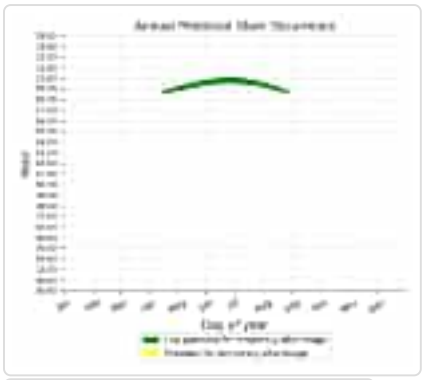


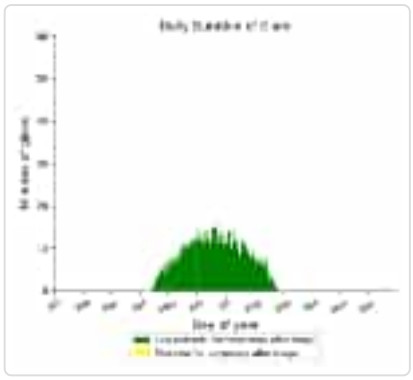


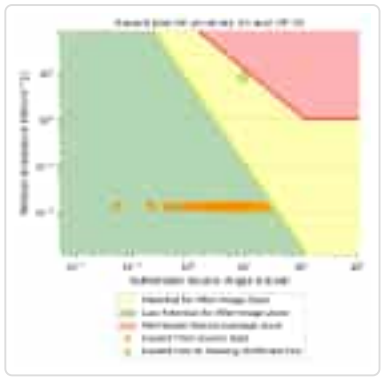
PV array 14: OP 55

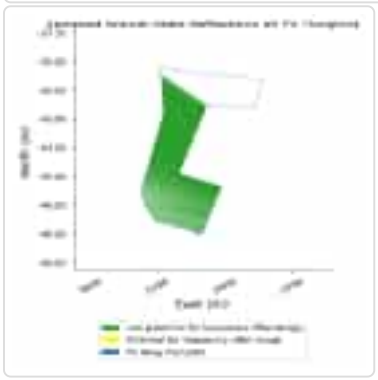
PV array is expected to produce the following glare for this receptor:

- 1,197 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





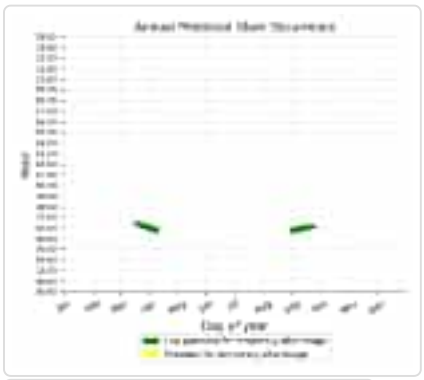


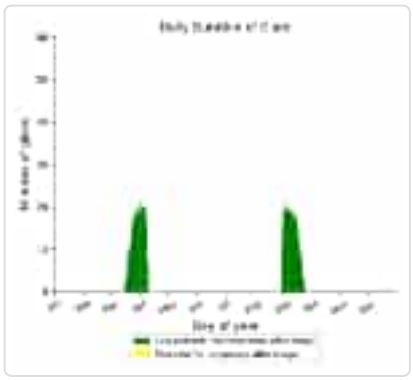


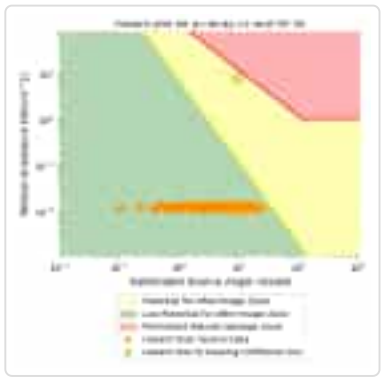
PV array 14: OP 56

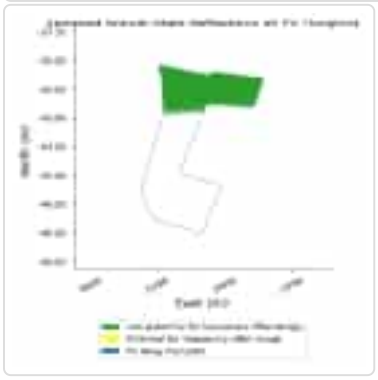
PV array is expected to produce the following glare for this receptor:

- 762 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





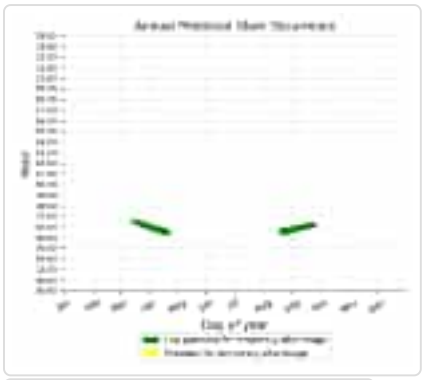


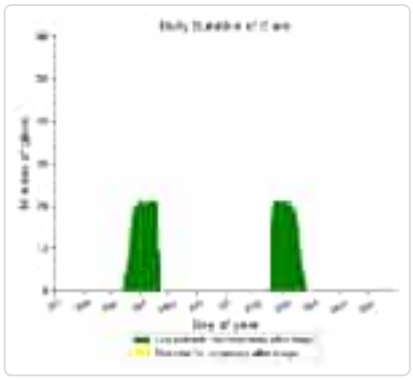


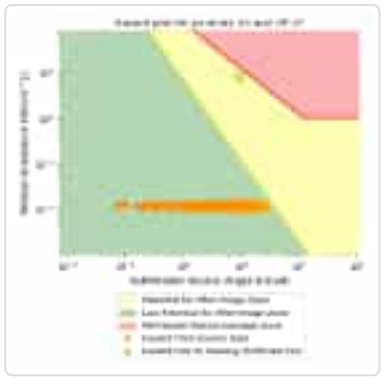
PV array 14: OP 57

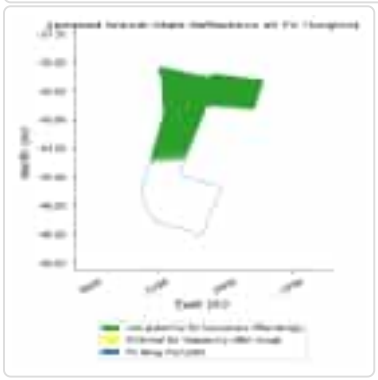
PV array is expected to produce the following glare for this receptor:

- 1,339 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





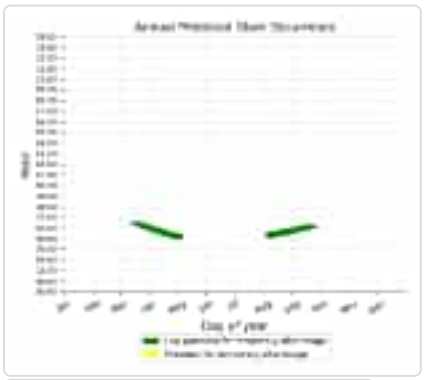


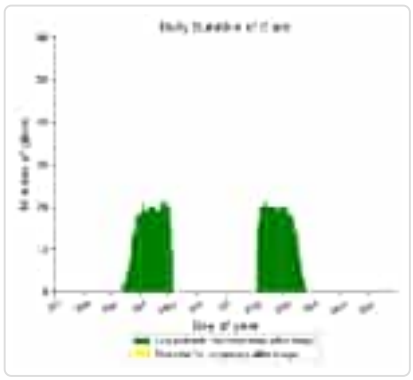


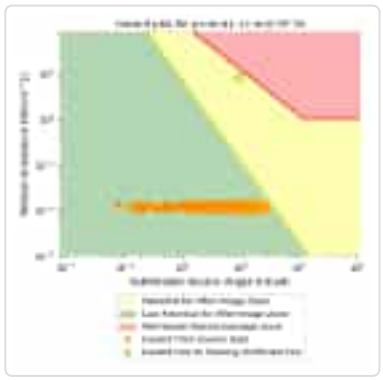
PV array 14: OP 58

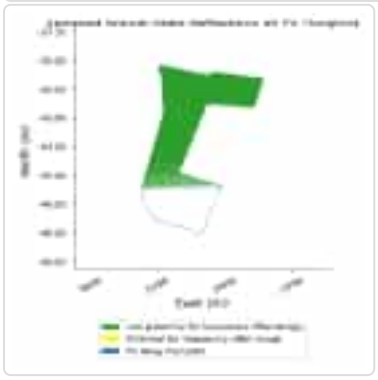
PV array is expected to produce the following glare for this receptor:

- 1,749 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





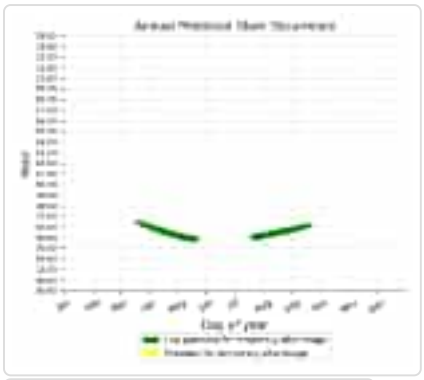


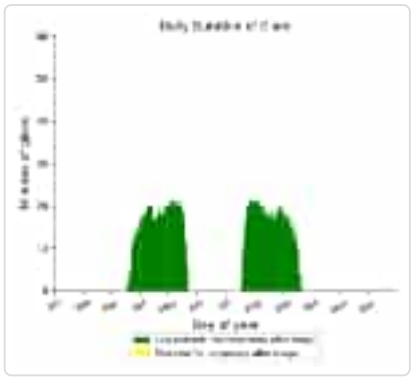


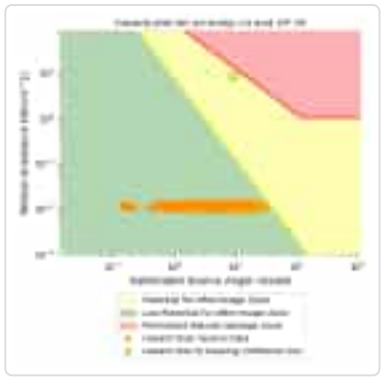
PV array 14: OP 59

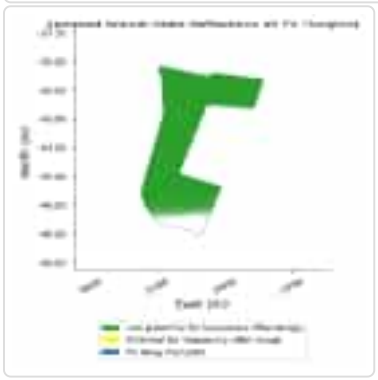
PV array is expected to produce the following glare for this receptor:

- 2,178 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





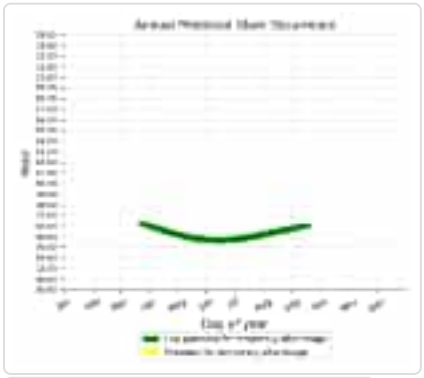


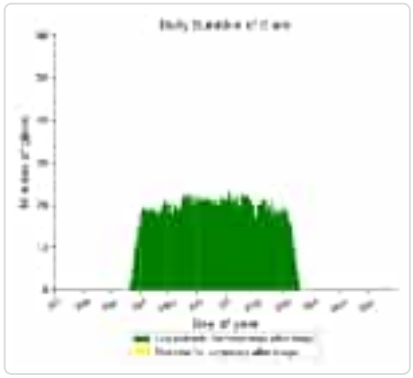


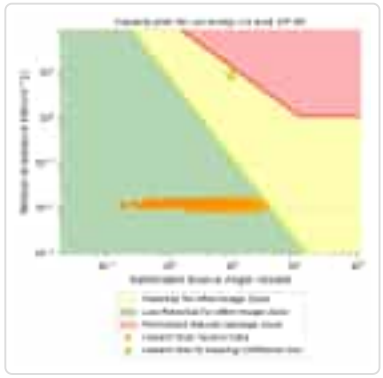
PV array 14: OP 60

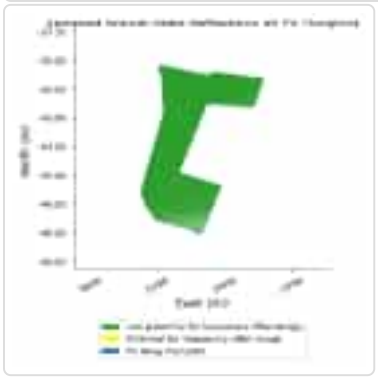
PV array is expected to produce the following glare for this receptor:

- 3,434 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





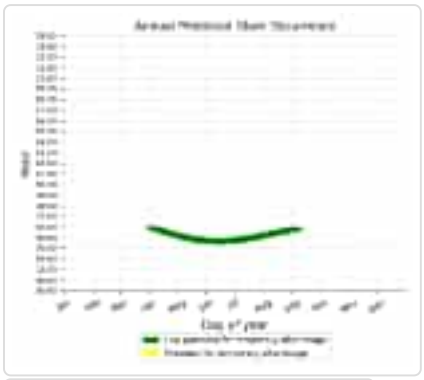


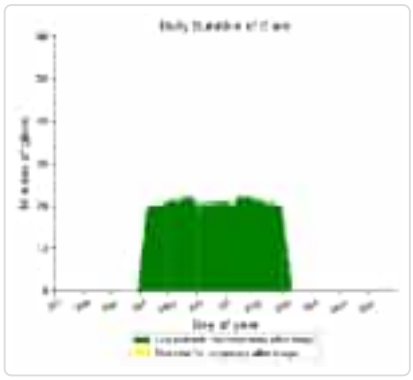


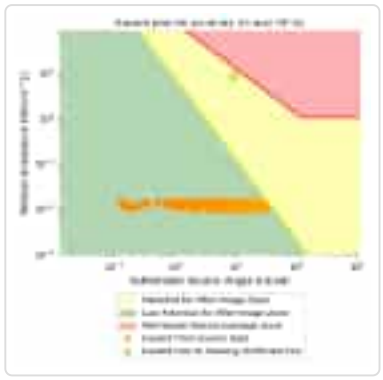
PV array 14: OP 61

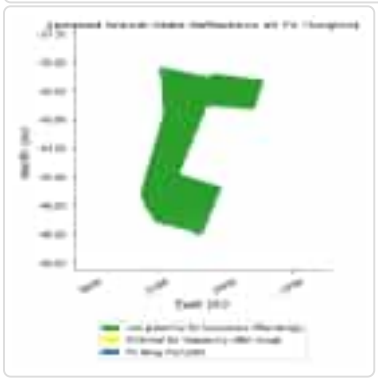
PV array is expected to produce the following glare for this receptor:

- 3,242 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





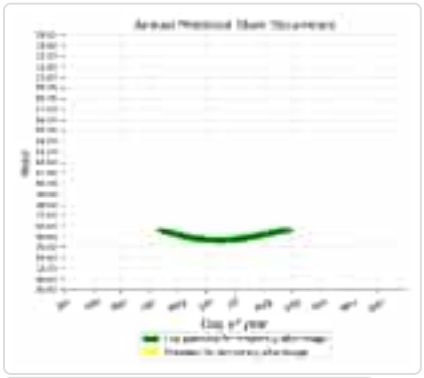


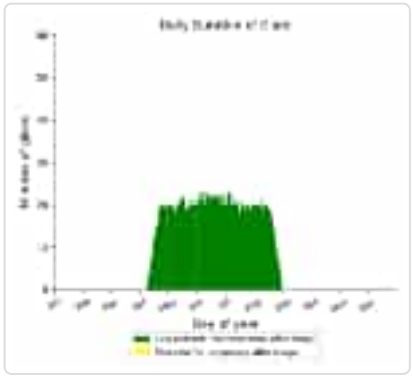


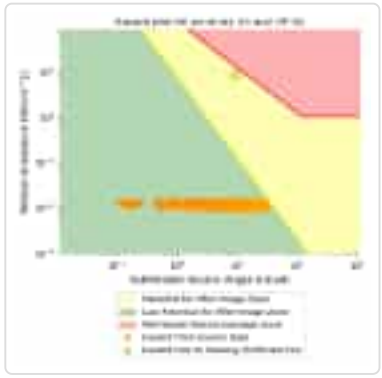
PV array 14: OP 62

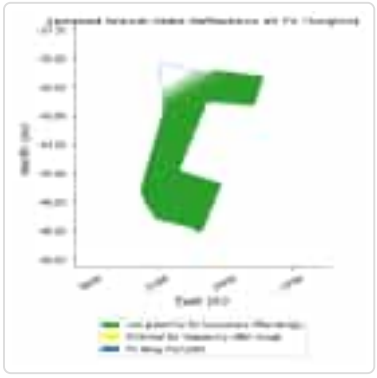
PV array is expected to produce the following glare for this receptor:

- 2,701 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





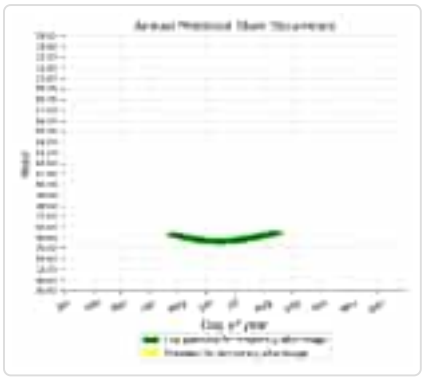


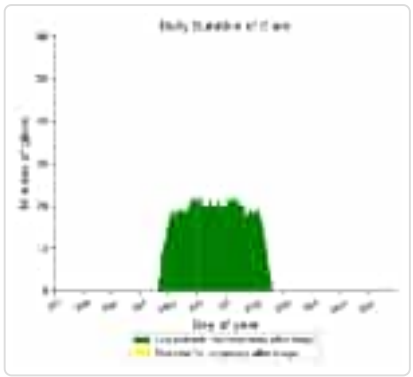


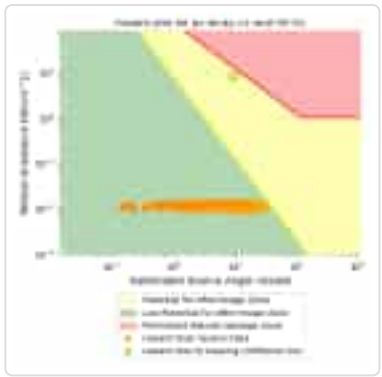
PV array 14: OP 63

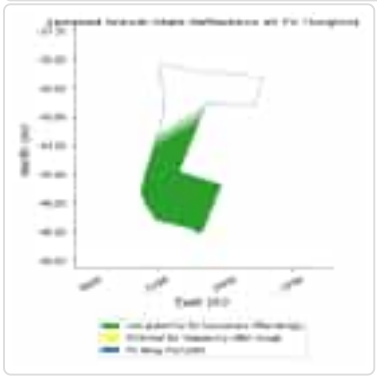
PV array is expected to produce the following glare for this receptor:

- 2,185 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





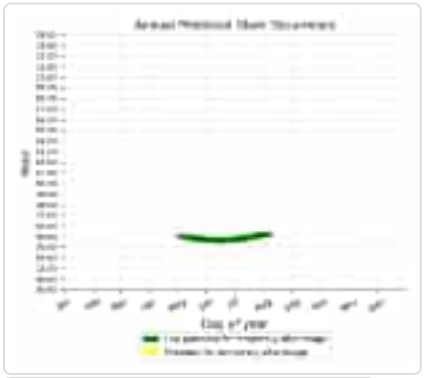


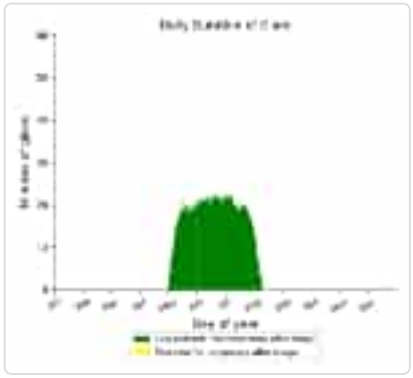


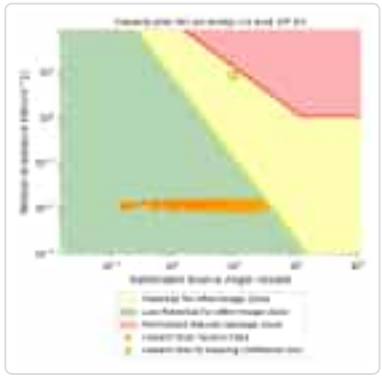
PV array 14: OP 64

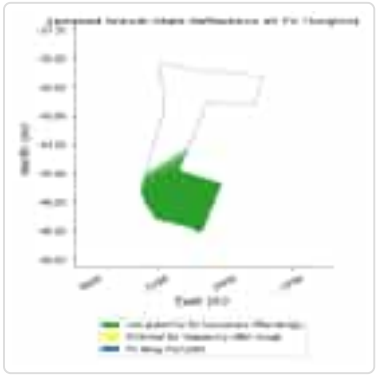
PV array is expected to produce the following glare for this receptor:

- 1,808 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15 potential temporary after-image

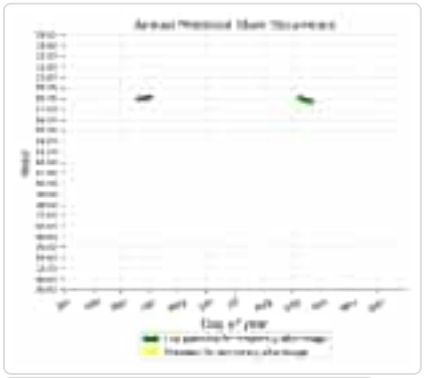
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	163	0
OP: OP 2	746	0
OP: OP 3	2416	0
OP: OP 4	0	0
OP: OP 5	1743	30
OP: OP 6	180	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	671	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	18	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	45	0
OP: OP 21	48	0
OP: OP 22	18	0
OP: OP 23	0	0
OP: OP 24	841	645
OP: OP 25	579	865

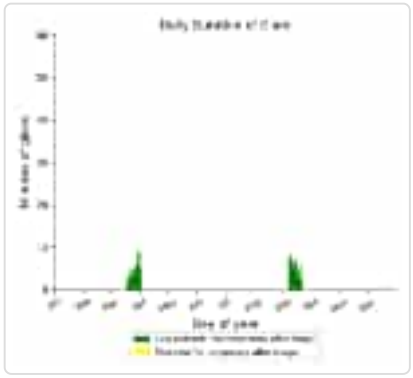
OP: OP 26	1151	81
OP: OP 27	988	0
OP: OP 28	1197	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	1203	0
OP: OP 36	1607	0
OP: OP 37	1552	0
OP: OP 38	1567	0
OP: OP 39	1250	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	1367	145
OP: OP 51	2605	0
OP: OP 52	2341	0
OP: OP 53	2114	0
OP: OP 54	46	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	166	0
OP: OP 59	448	0
OP: OP 60	987	0
OP: OP 61	1219	0
OP: OP 62	1332	0
OP: OP 63	1581	0
OP: OP 64	1879	0

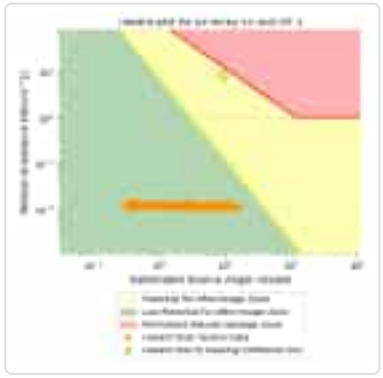
PV array 15: OP 1

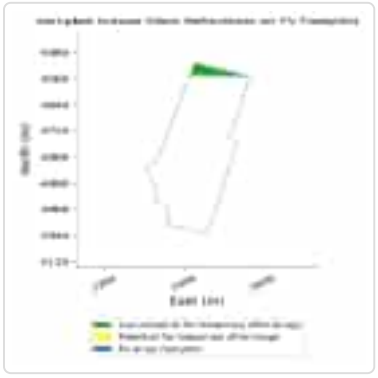
PV array is expected to produce the following glare for this receptor:

- 163 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





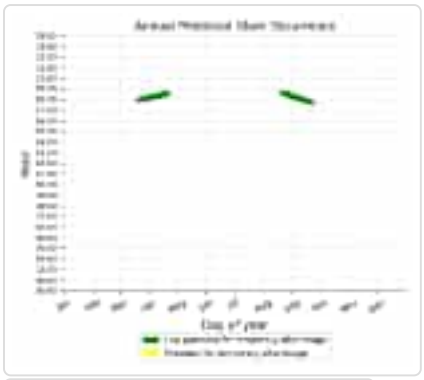


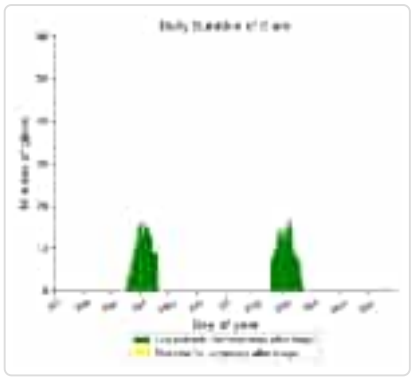


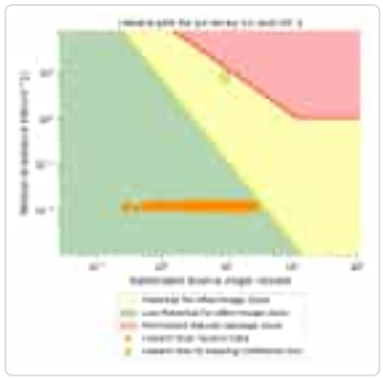
PV array 15: OP 2

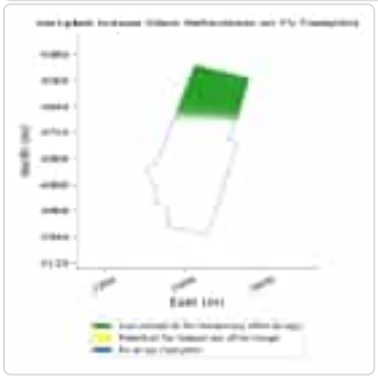
PV array is expected to produce the following glare for this receptor:

- 746 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





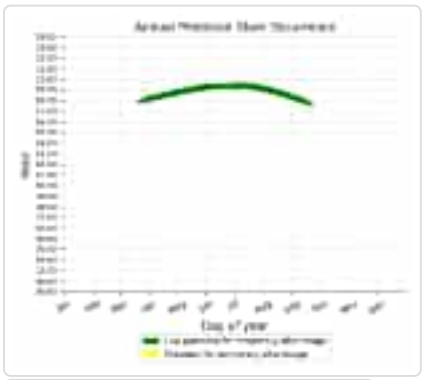


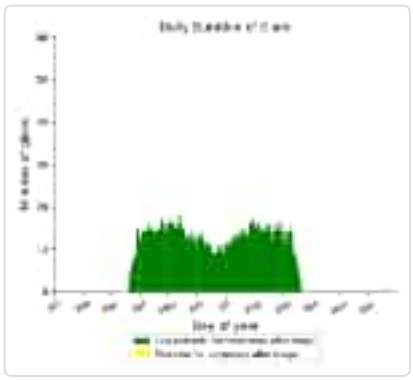


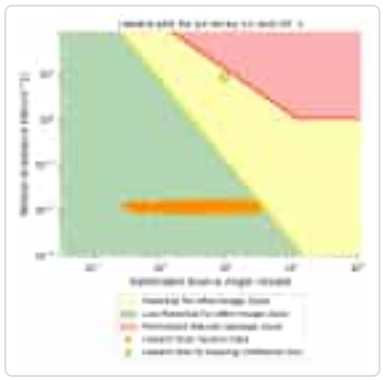
PV array 15: OP 3

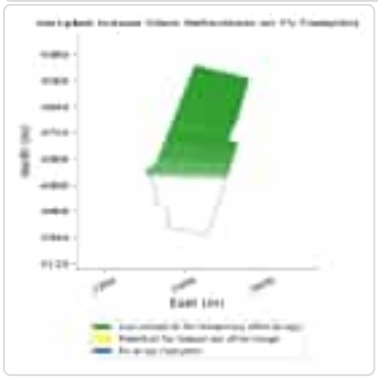
PV array is expected to produce the following glare for this receptor:

- 2,416 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









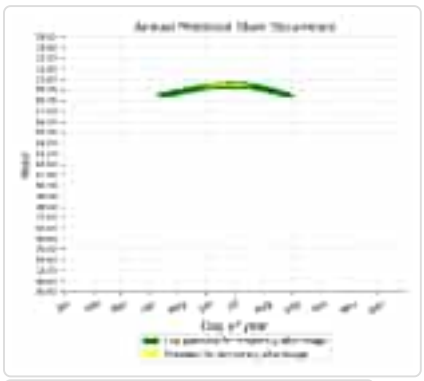
PV array 15: OP 4

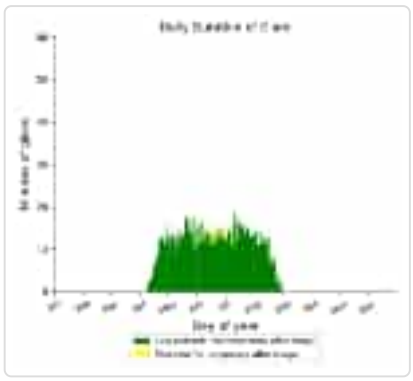
No glare found

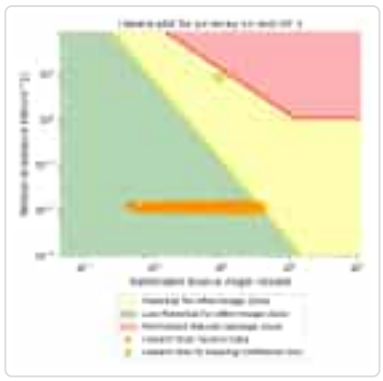
PV array 15: OP 5

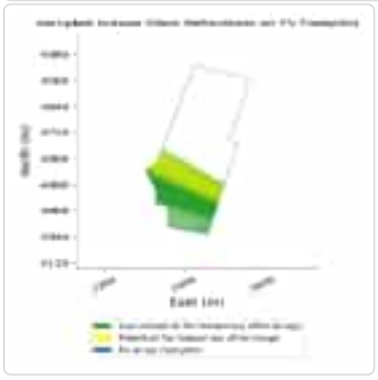
PV array is expected to produce the following glare for this receptor:

- 1,743 minutes of "green" glare with low potential to cause temporary after-image.
- 30 minutes of "yellow" glare with potential to cause temporary after-image.





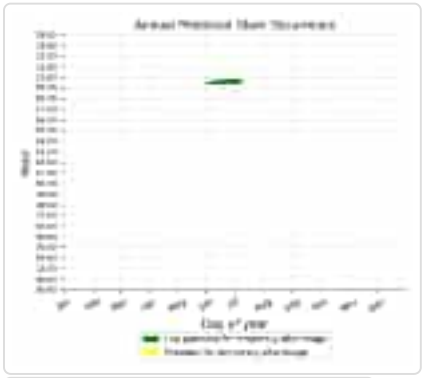


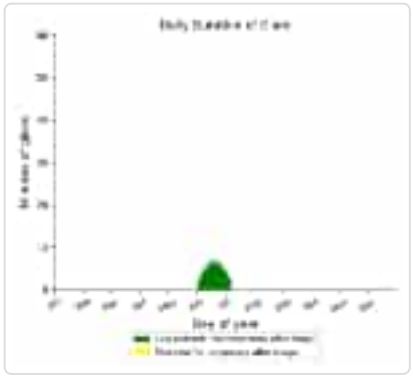


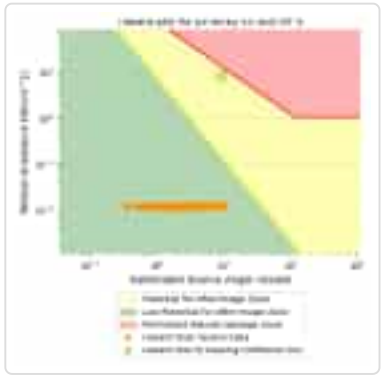
PV array 15: OP 6

PV array is expected to produce the following glare for this receptor:

- 180 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 15: OP 7

No glare found

PV array 15: OP 8

No glare found

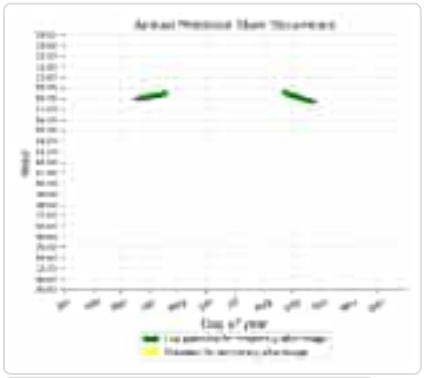
PV array 15: OP 9

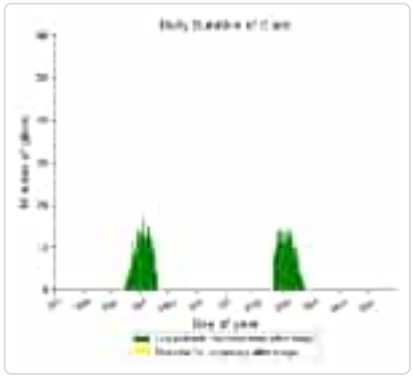
No glare found

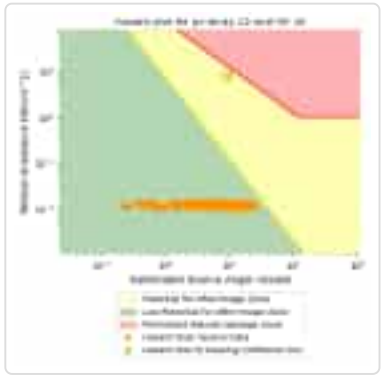
PV array 15: OP 10

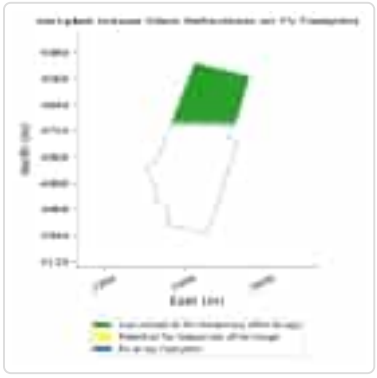
PV array is expected to produce the following glare for this receptor:

- 671 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 11

No glare found

PV array 15: OP 12

No glare found

PV array 15: OP 13

No glare found

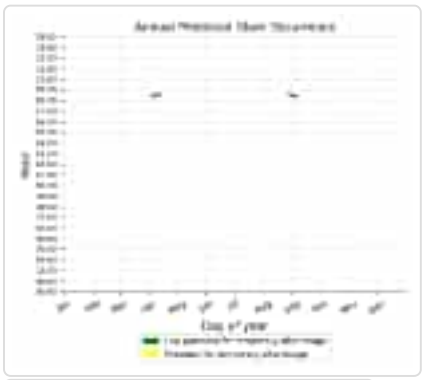
PV array 15: OP 14

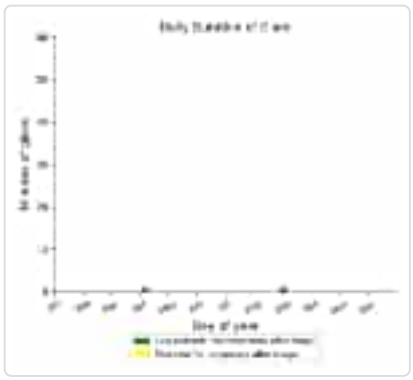
No glare found

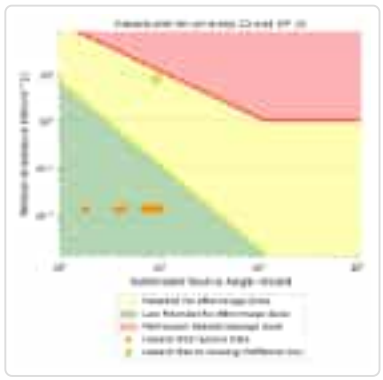
PV array 15: OP 15

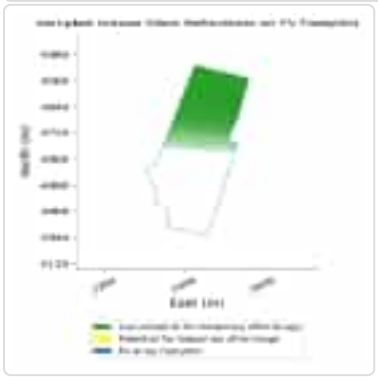
PV array is expected to produce the following glare for this receptor:

- 18 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 16

No glare found

PV array 15: OP 17

No glare found

PV array 15: OP 18

No glare found

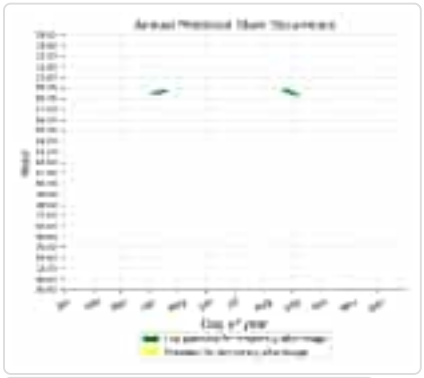
PV array 15: OP 19

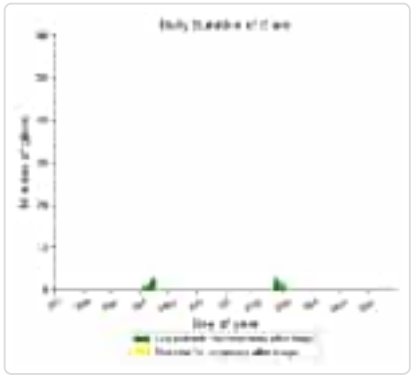
No glare found

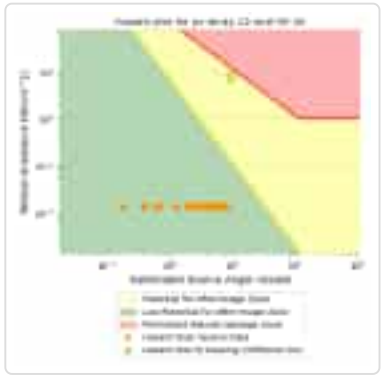
PV array 15: OP 20

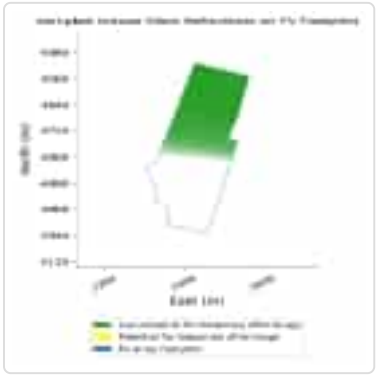
PV array is expected to produce the following glare for this receptor:

- 45 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





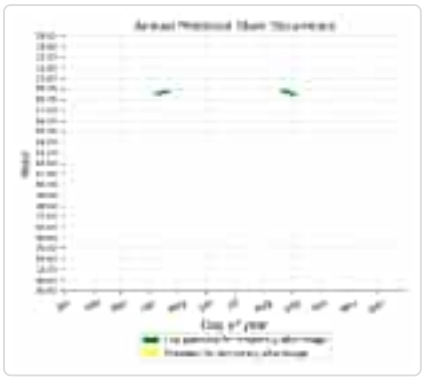


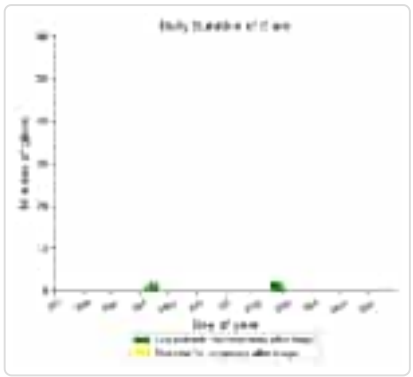


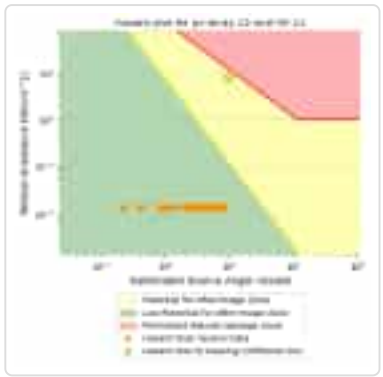
PV array 15: OP 21

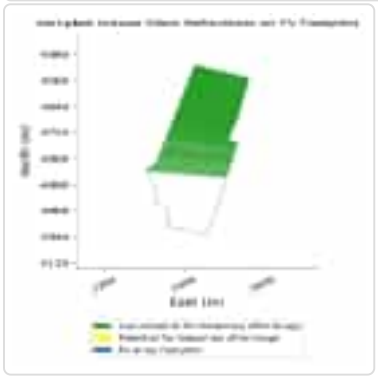
PV array is expected to produce the following glare for this receptor:

- 48 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





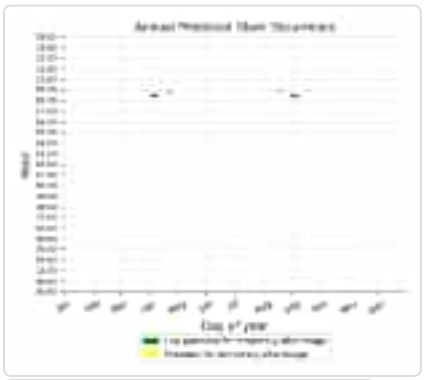


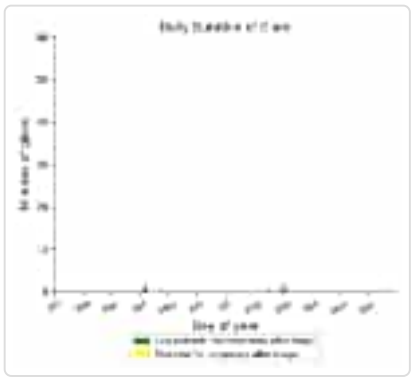


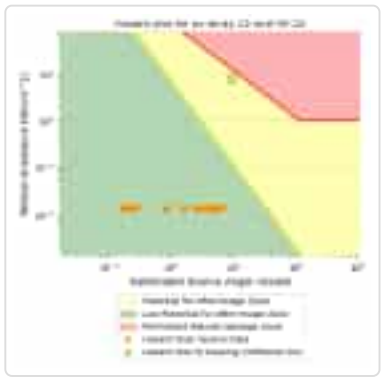
PV array 15: OP 22

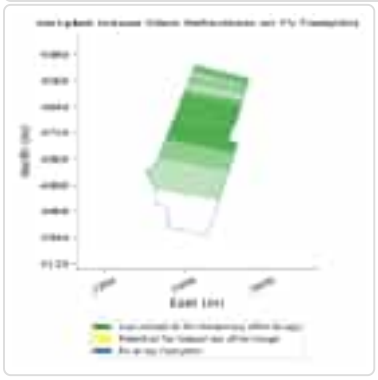
PV array is expected to produce the following glare for this receptor:

- 18 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









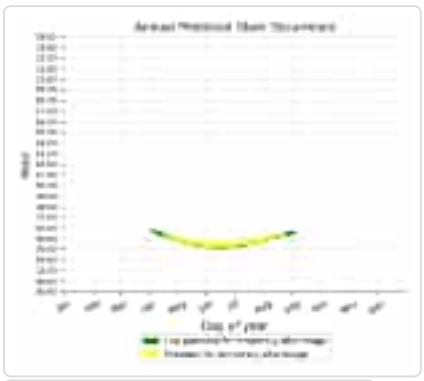
PV array 15: OP 23

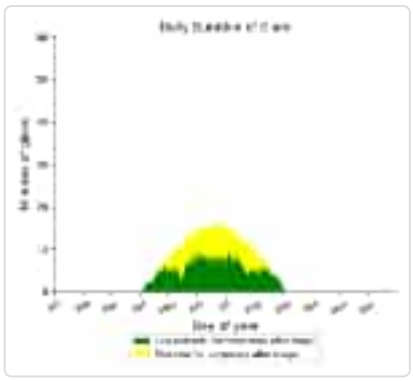
No glare found

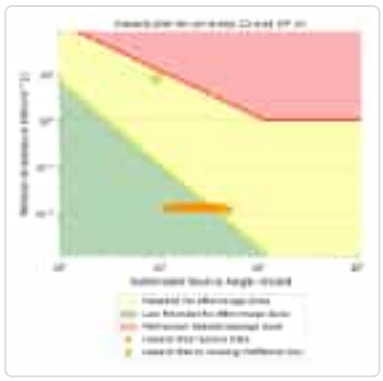
PV array 15: OP 24

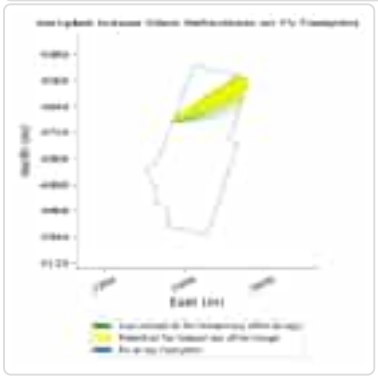
PV array is expected to produce the following glare for this receptor:

- 841 minutes of "green" glare with low potential to cause temporary after-image.
- 645 minutes of "yellow" glare with potential to cause temporary after-image.





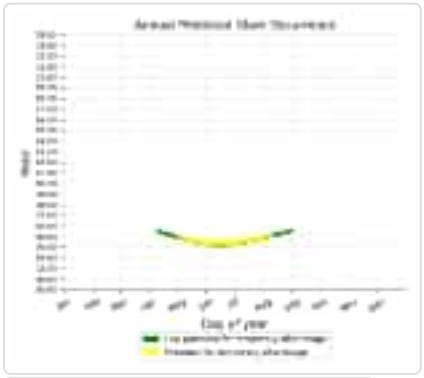


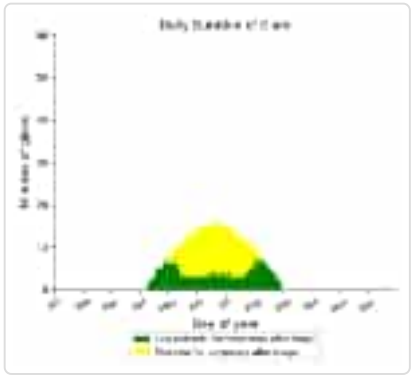


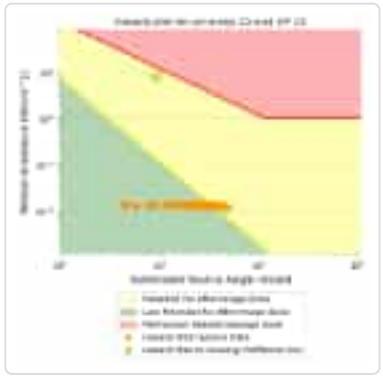
PV array 15: OP 25

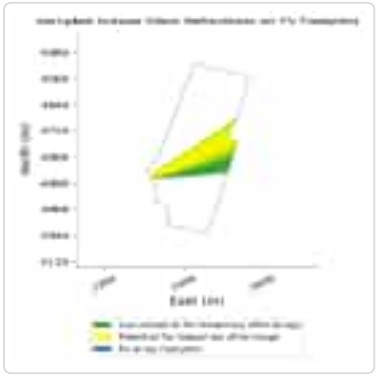
PV array is expected to produce the following glare for this receptor:

- 579 minutes of "green" glare with low potential to cause temporary after-image.
- 865 minutes of "yellow" glare with potential to cause temporary after-image.





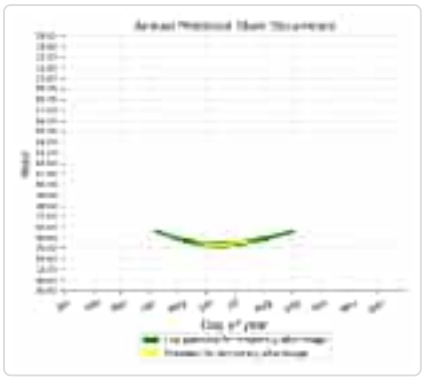


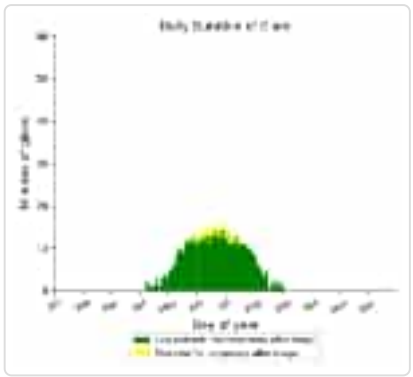


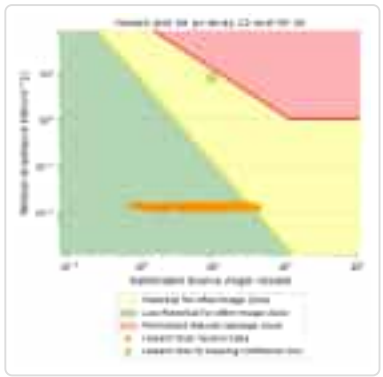
PV array 15: OP 26

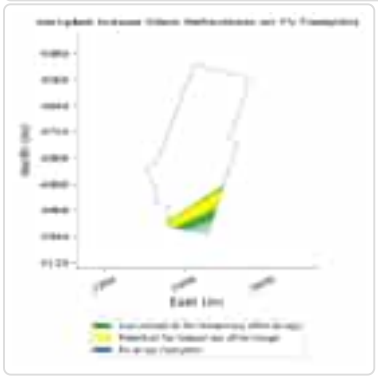
PV array is expected to produce the following glare for this receptor:

- 1,151 minutes of "green" glare with low potential to cause temporary after-image.
- 81 minutes of "yellow" glare with potential to cause temporary after-image.





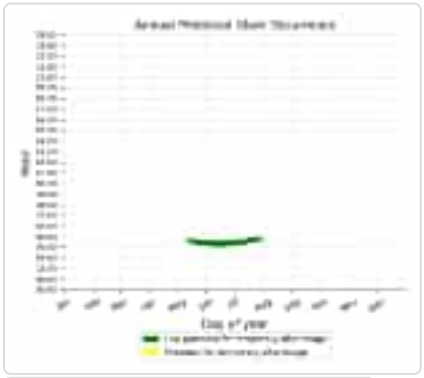


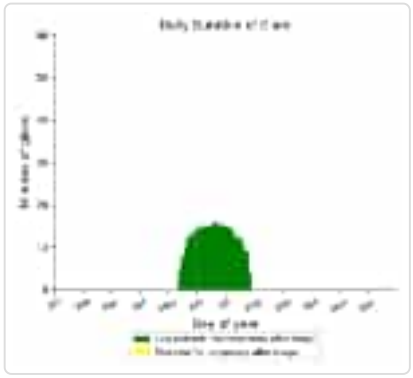


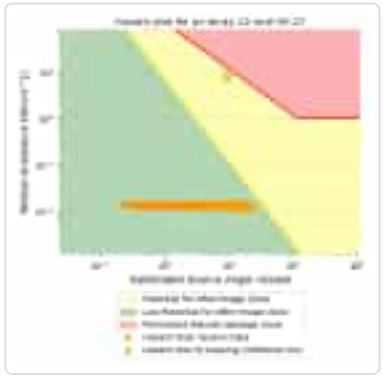
PV array 15: OP 27

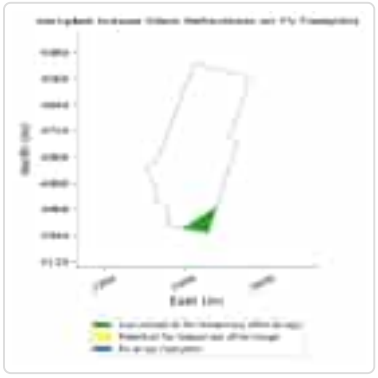
PV array is expected to produce the following glare for this receptor:

- 988 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





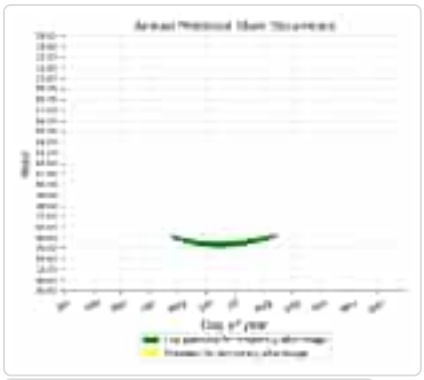


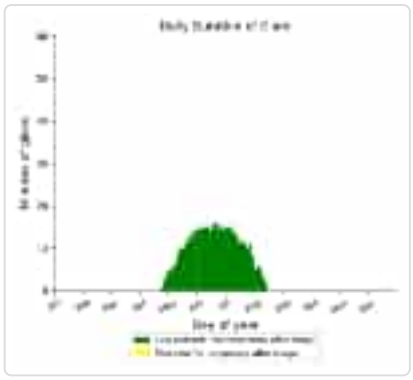


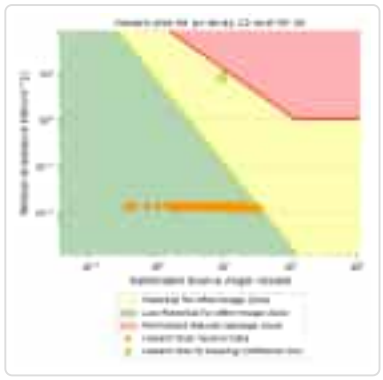
PV array 15: OP 28

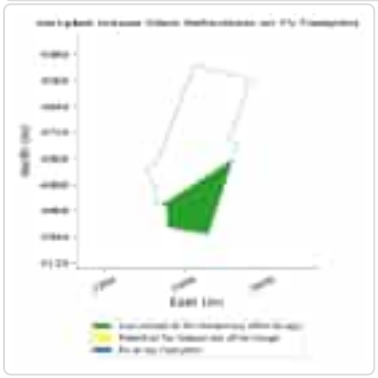
PV array is expected to produce the following glare for this receptor:

- 1,197 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 29

No glare found

PV array 15: OP 30

No glare found

PV array 15: OP 31

No glare found

PV array 15: OP 32

No glare found

PV array 15: OP 33

No glare found

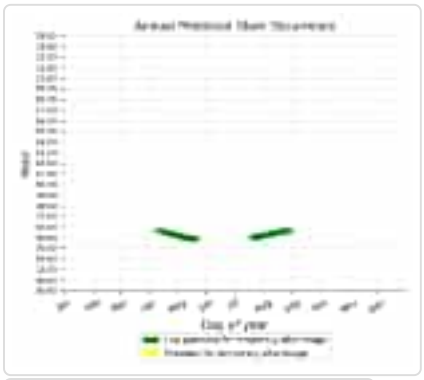
PV array 15: OP 34

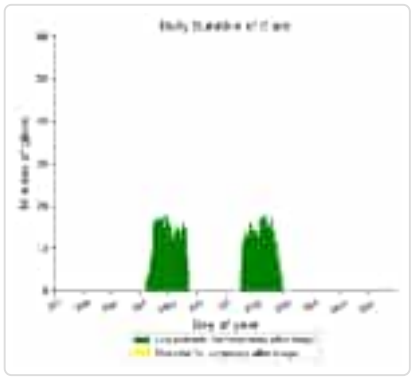
No glare found

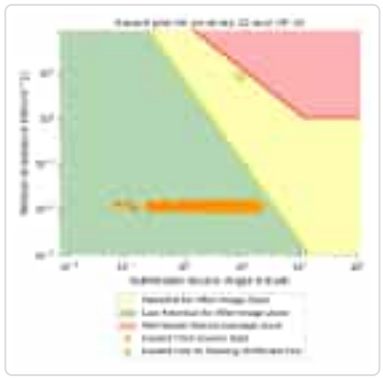
PV array 15: OP 35

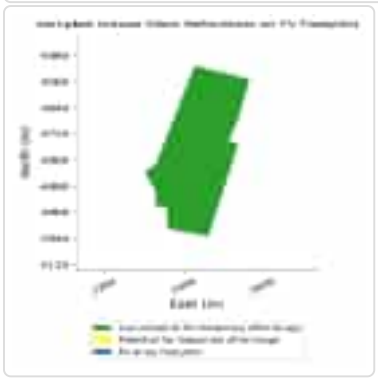
PV array is expected to produce the following glare for this receptor:

- 1,203 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





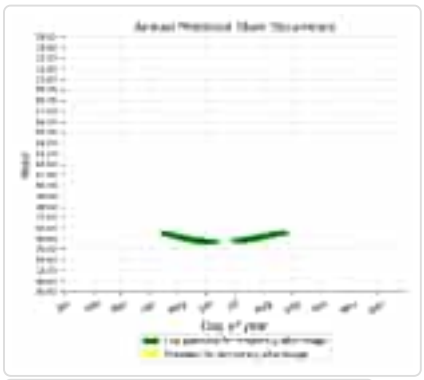


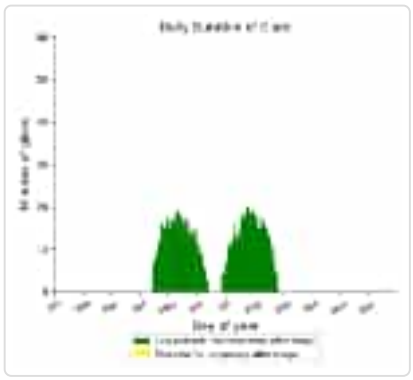


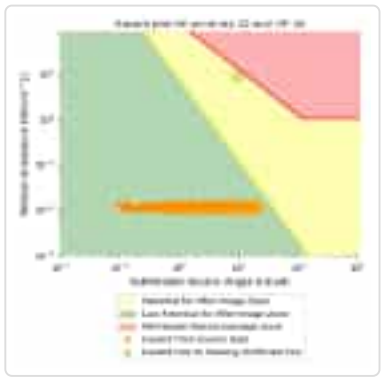
PV array 15: OP 36

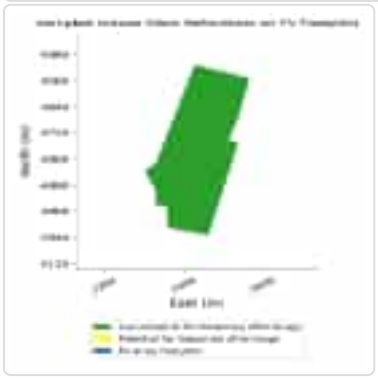
PV array is expected to produce the following glare for this receptor:

- 1,607 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





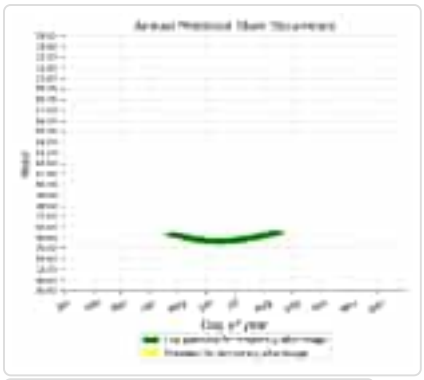


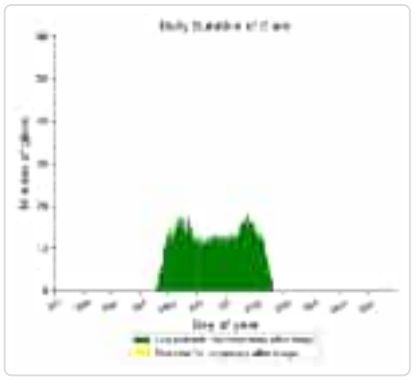


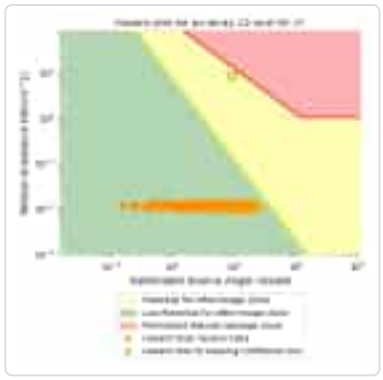
PV array 15: OP 37

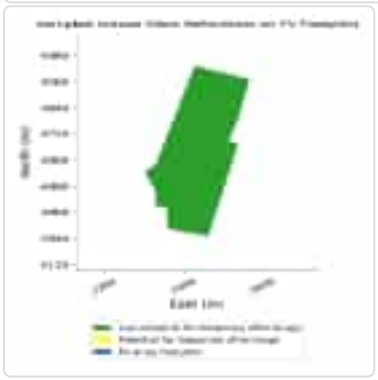
PV array is expected to produce the following glare for this receptor:

- 1,552 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





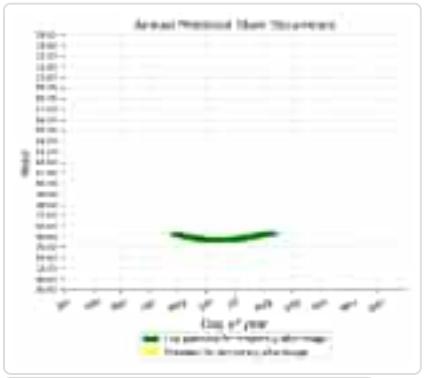


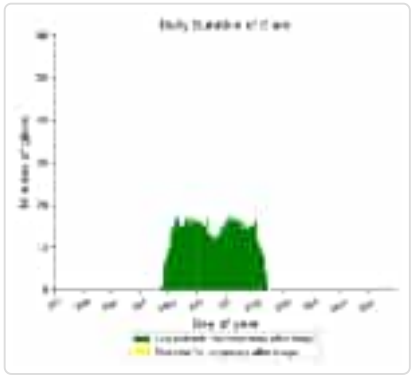


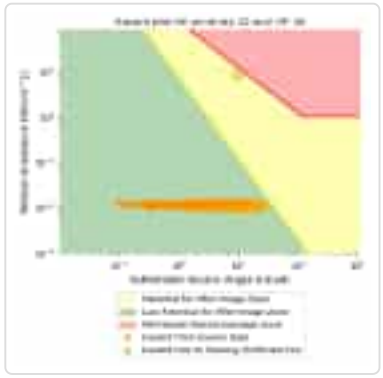
PV array 15: OP 38

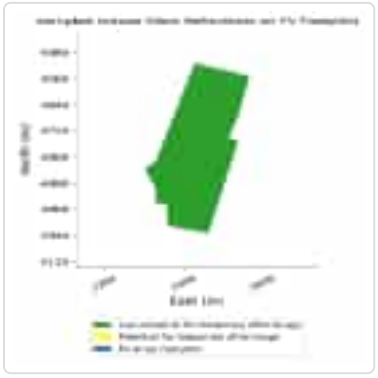
PV array is expected to produce the following glare for this receptor:

- 1,567 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





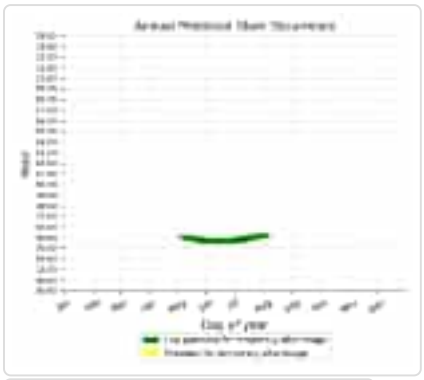


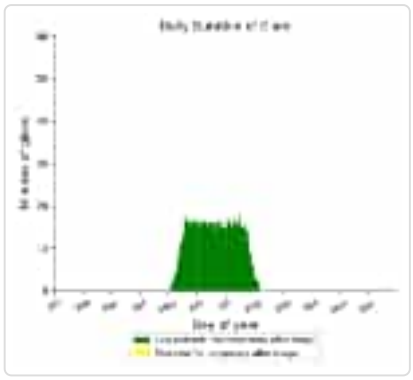


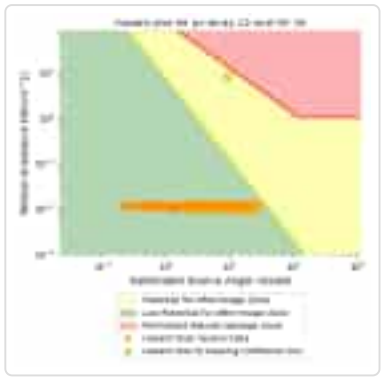
PV array 15: OP 39

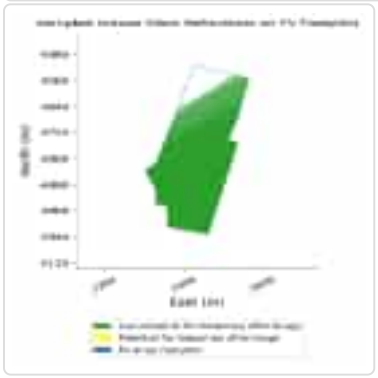
PV array is expected to produce the following glare for this receptor:

- 1,250 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 40

No glare found

PV array 15: OP 41

No glare found

PV array 15: OP 42

No glare found

PV array 15: OP 43

No glare found

PV array 15: OP 44

No glare found

PV array 15: OP 45

No glare found

PV array 15: OP 46

No glare found

PV array 15: OP 47

No glare found

PV array 15: OP 48

No glare found

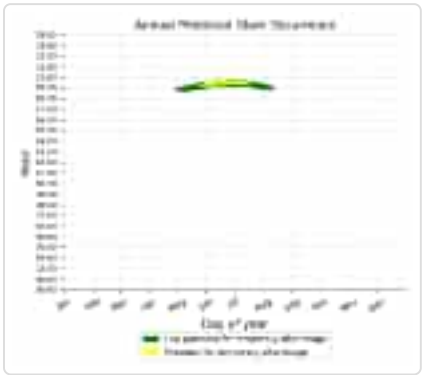
PV array 15: OP 49

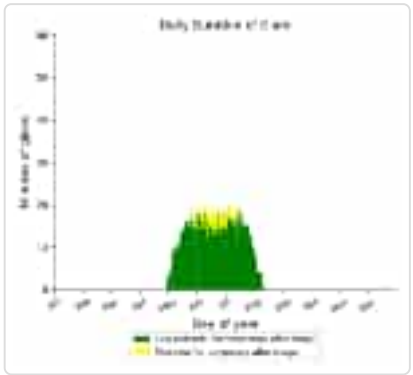
No glare found

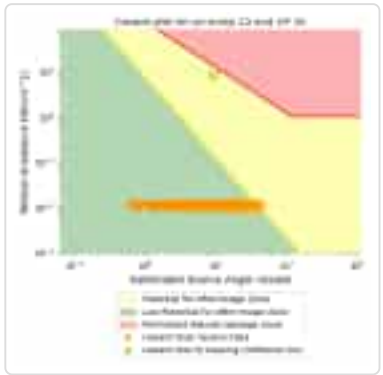
PV array 15: OP 50

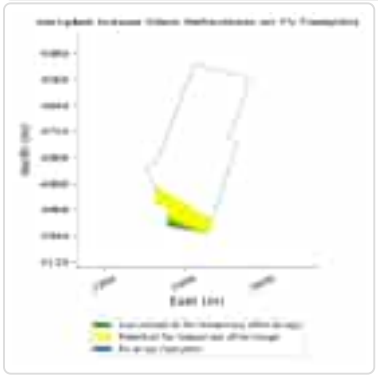
PV array is expected to produce the following glare for this receptor:

- 1,367 minutes of "green" glare with low potential to cause temporary after-image.
- 145 minutes of "yellow" glare with potential to cause temporary after-image.





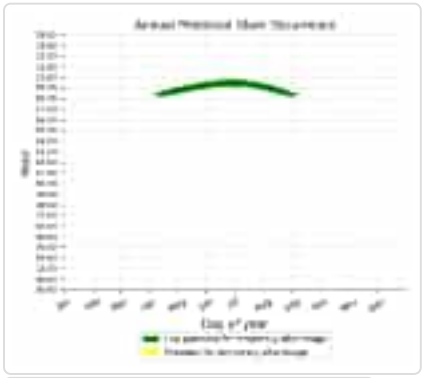


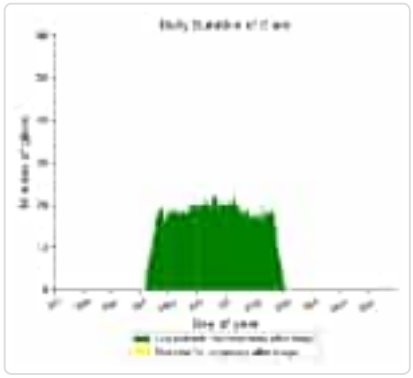


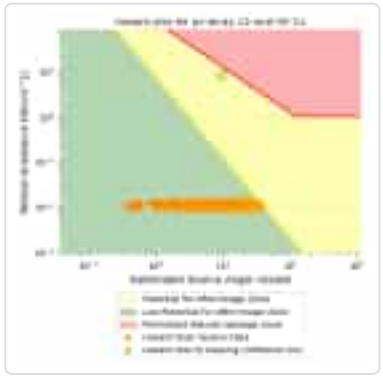
PV array 15: OP 51

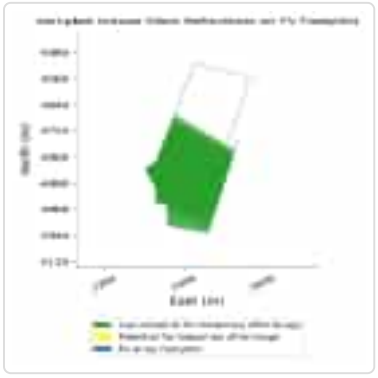
PV array is expected to produce the following glare for this receptor:

- 2,605 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





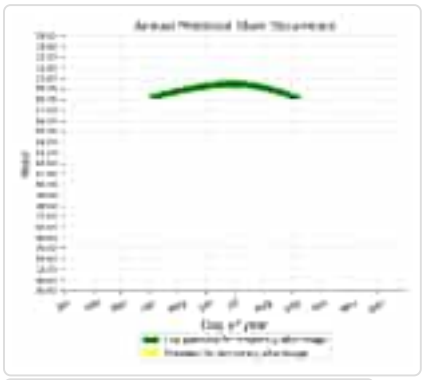


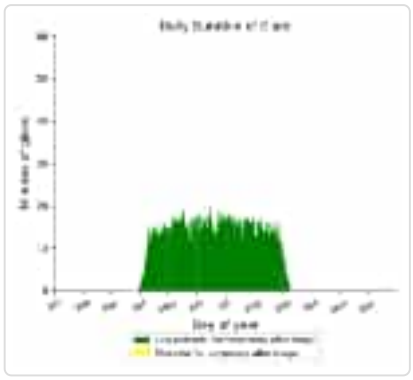


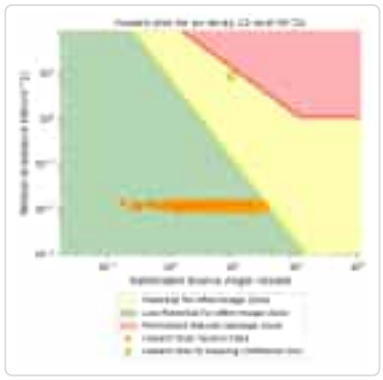
PV array 15: OP 52

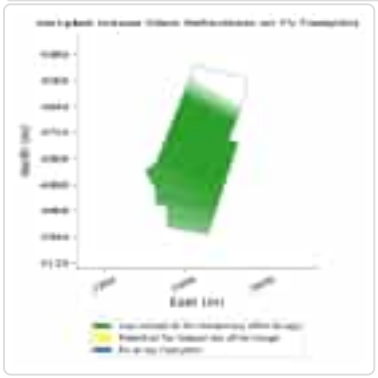
PV array is expected to produce the following glare for this receptor:

- 2,341 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





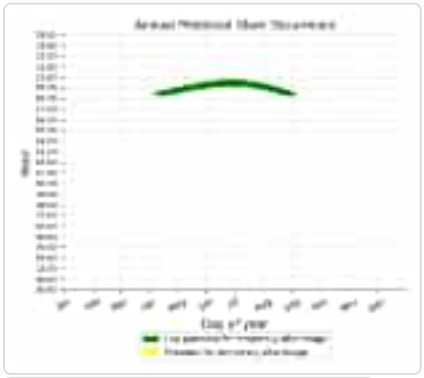


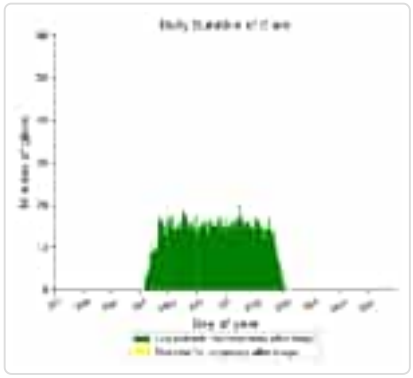


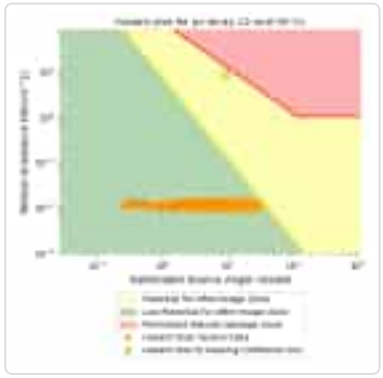
PV array 15: OP 53

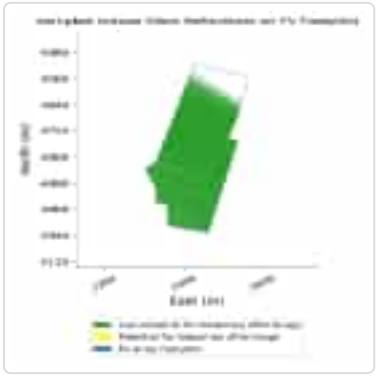
PV array is expected to produce the following glare for this receptor:

- 2,114 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





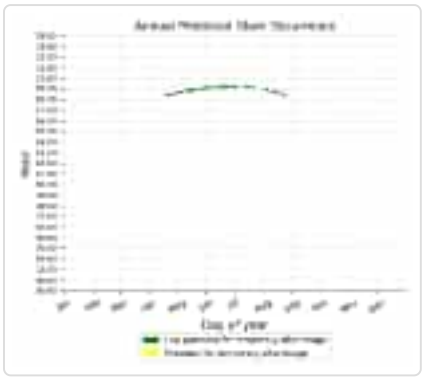


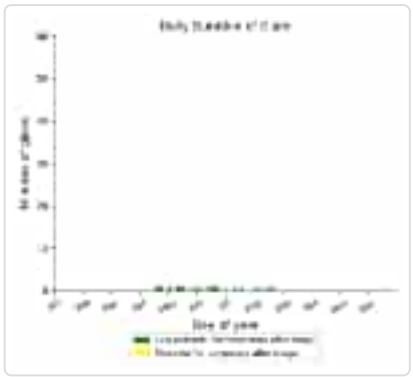


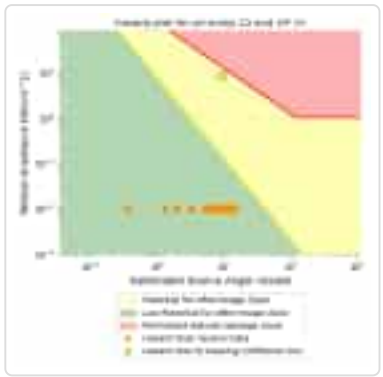
PV array 15: OP 54

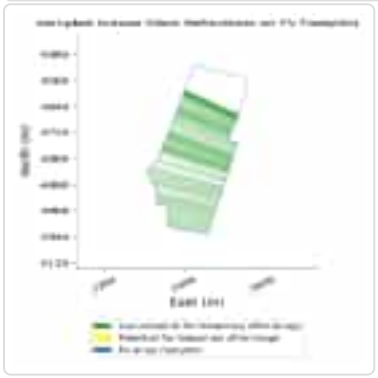
PV array is expected to produce the following glare for this receptor:

- 46 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 55

No glare found

PV array 15: OP 56

No glare found

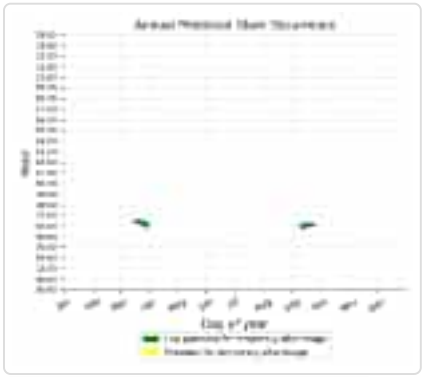
PV array 15: OP 57

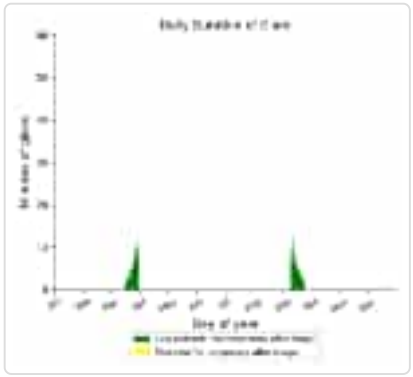
No glare found

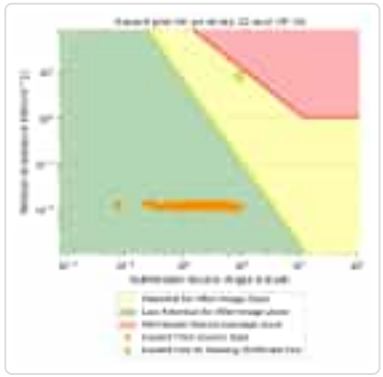
PV array 15: OP 58

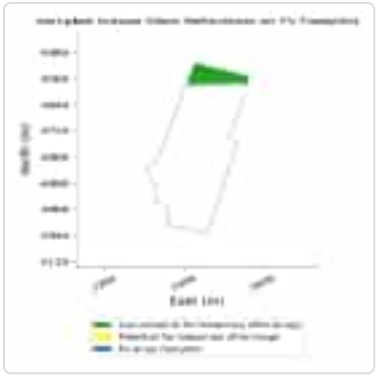
PV array is expected to produce the following glare for this receptor:

- 166 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





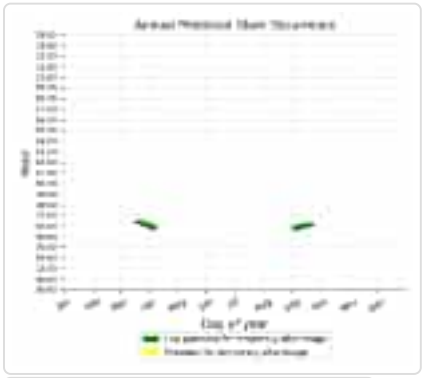


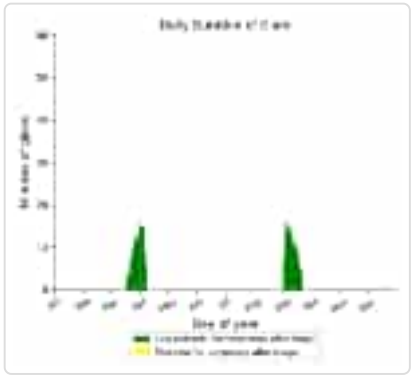


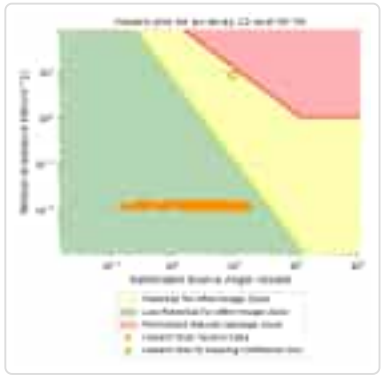
PV array 15: OP 59

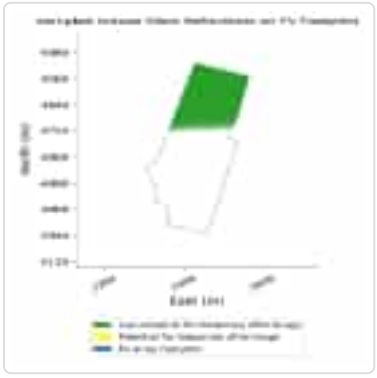
PV array is expected to produce the following glare for this receptor:

- 448 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





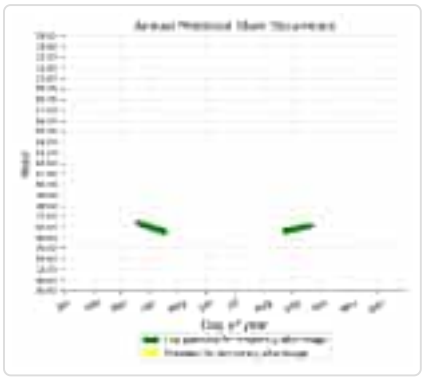


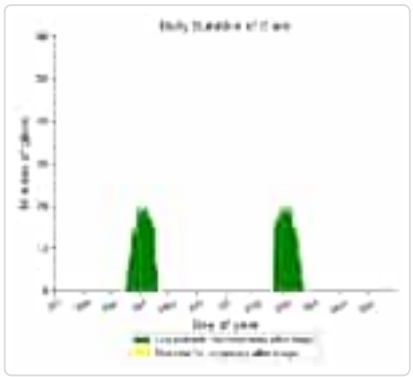


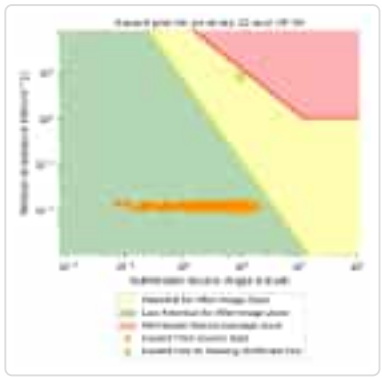
PV array 15: OP 60

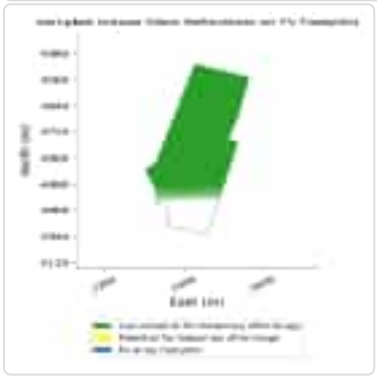
PV array is expected to produce the following glare for this receptor:

- 987 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





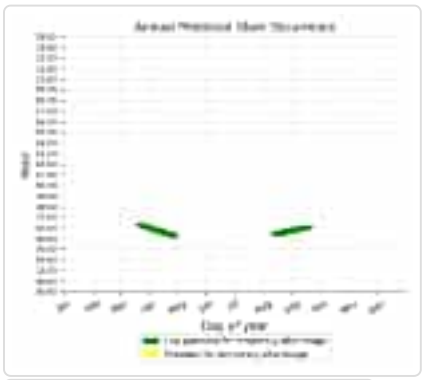


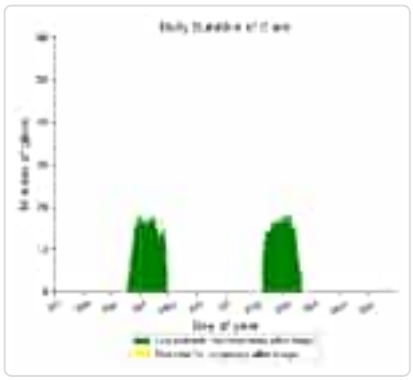


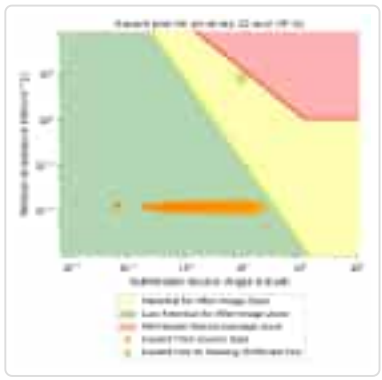
PV array 15: OP 61

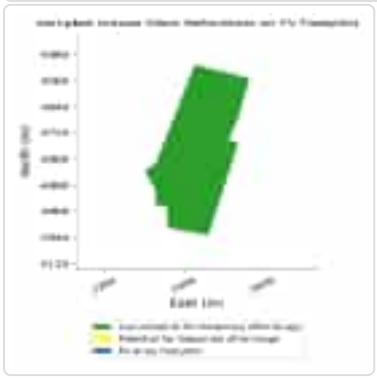
PV array is expected to produce the following glare for this receptor:

- 1,219 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





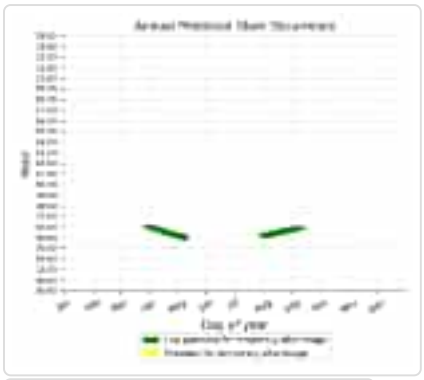


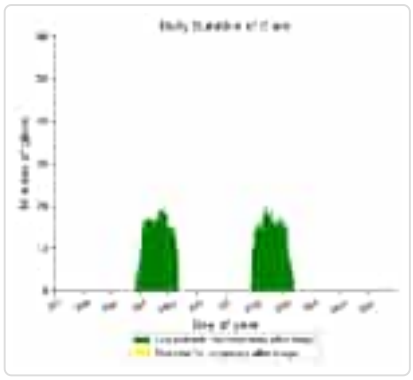


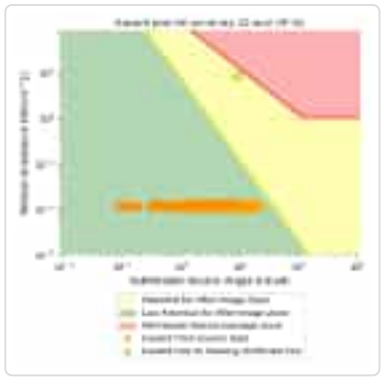
PV array 15: OP 62

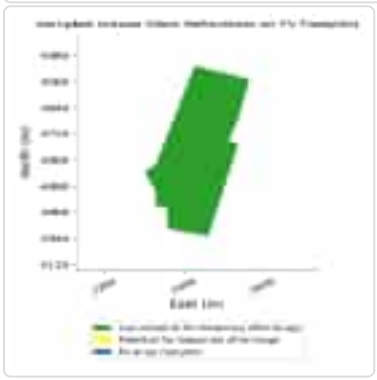
PV array is expected to produce the following glare for this receptor:

- 1,332 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





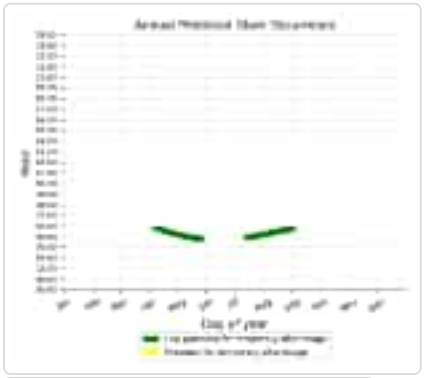


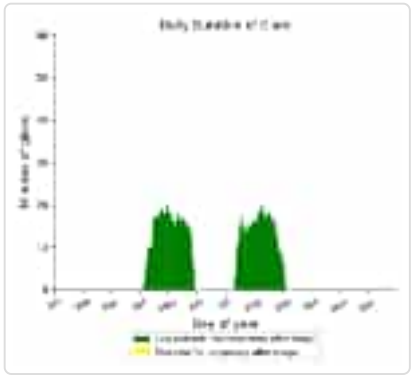


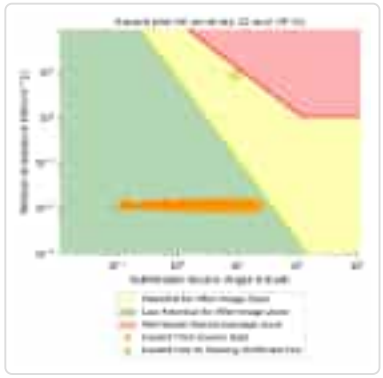
PV array 15: OP 63

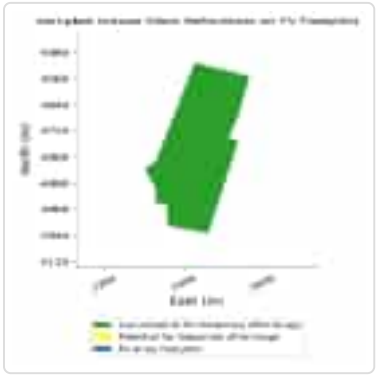
PV array is expected to produce the following glare for this receptor:

- 1,581 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





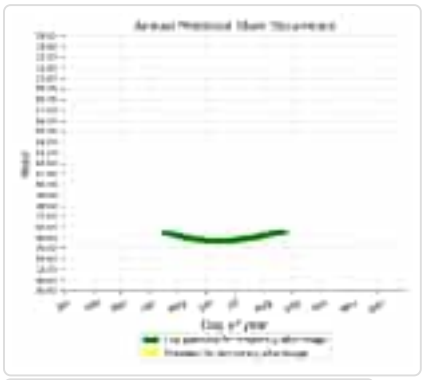


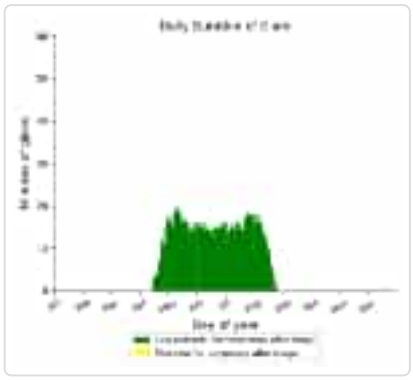


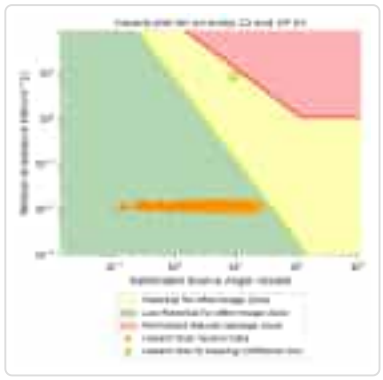
PV array 15: OP 64

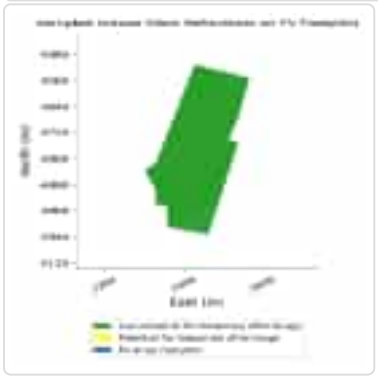
PV array is expected to produce the following glare for this receptor:

- 1,879 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

No glare found

PV array 3 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	21	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0

OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

PV array 3: OP 1

No glare found

PV array 3: OP 2

No glare found

PV array 3: OP 3

No glare found

PV array 3: OP 4

No glare found

PV array 3: OP 5

No glare found

PV array 3: OP 6

No glare found

PV array 3: OP 7

No glare found

PV array 3: OP 8

No glare found

PV array 3: OP 9

No glare found

PV array 3: OP 10

No glare found

PV array 3: OP 11

No glare found

PV array 3: OP 12

No glare found

PV array 3: OP 13

No glare found

PV array 3: OP 14

No glare found

PV array 3: OP 15

No glare found

PV array 3: OP 16

No glare found

PV array 3: OP 17

No glare found

PV array 3: OP 18

No glare found

PV array 3: OP 19

No glare found

PV array 3: OP 20

No glare found

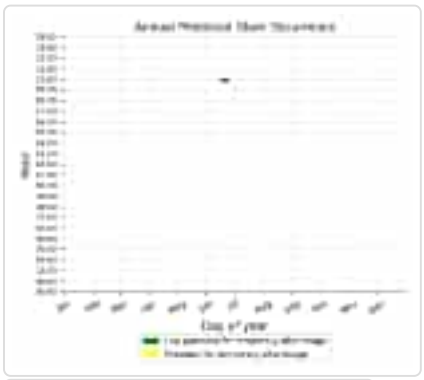
PV array 3: OP 21

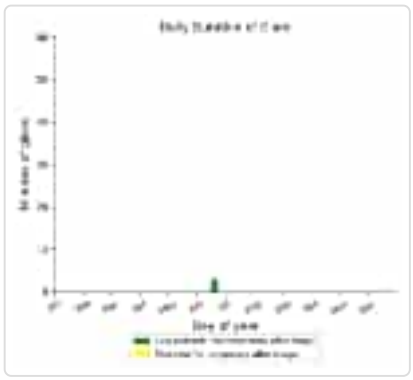
No glare found

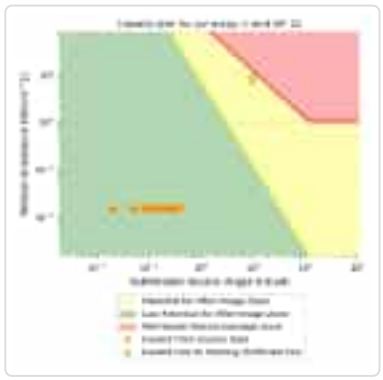
PV array 3: OP 22

PV array is expected to produce the following glare for this receptor:

- 21 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 3: OP 23

No glare found

PV array 3: OP 24

No glare found

PV array 3: OP 25

No glare found

PV array 3: OP 26

No glare found

PV array 3: OP 27

No glare found

PV array 3: OP 28

No glare found

PV array 3: OP 29

No glare found

PV array 3: OP 30

No glare found

PV array 3: OP 31

No glare found

PV array 3: OP 32

No glare found

PV array 3: OP 33

No glare found

PV array 3: OP 34

No glare found

PV array 3: OP 35

No glare found

PV array 3: OP 36

No glare found

PV array 3: OP 37

No glare found

PV array 3: OP 38

No glare found

PV array 3: OP 39

No glare found

PV array 3: OP 40

No glare found

PV array 3: OP 41

No glare found

PV array 3: OP 42

No glare found

PV array 3: OP 43

No glare found

PV array 3: OP 44

No glare found

PV array 3: OP 45

No glare found

PV array 3: OP 46

No glare found

PV array 3: OP 47

No glare found

PV array 3: OP 48

No glare found

PV array 3: OP 49

No glare found

PV array 3: OP 50

No glare found

PV array 3: OP 51

No glare found

PV array 3: OP 52

No glare found

PV array 3: OP 53

No glare found

PV array 3: OP 54

No glare found

PV array 3: OP 55

No glare found

PV array 3: OP 56

No glare found

PV array 3: OP 57

No glare found

PV array 3: OP 58

No glare found

PV array 3: OP 59

No glare found

PV array 3: OP 60

No glare found

PV array 3: OP 61

No glare found

PV array 3: OP 62

No glare found

PV array 3: OP 63

No glare found

PV array 3: OP 64

No glare found

PV array 4 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

No glare found

PV array 5 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

No glare found

PV array 6 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

No glare found

PV array 7 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	142	0
OP: OP 18	362	0
OP: OP 19	433	0
OP: OP 20	588	0
OP: OP 21	574	0
OP: OP 22	619	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0

OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	955	0
OP: OP 57	173	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

PV array 7: OP 1

No glare found

PV array 7: OP 2

No glare found

PV array 7: OP 3

No glare found

PV array 7: OP 4

No glare found

PV array 7: OP 5

No glare found

PV array 7: OP 6

No glare found

PV array 7: OP 7

No glare found

PV array 7: OP 8

No glare found

PV array 7: OP 9

No glare found

PV array 7: OP 10

No glare found

PV array 7: OP 11

No glare found

PV array 7: OP 12

No glare found

PV array 7: OP 13

No glare found

PV array 7: OP 14

No glare found

PV array 7: OP 15

No glare found

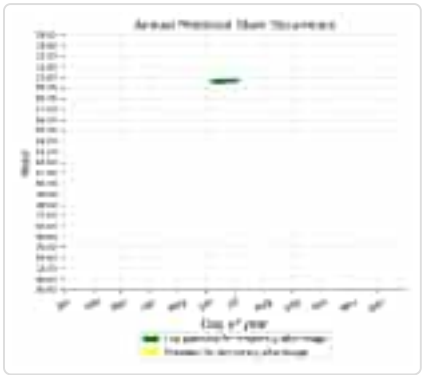
PV array 7: OP 16

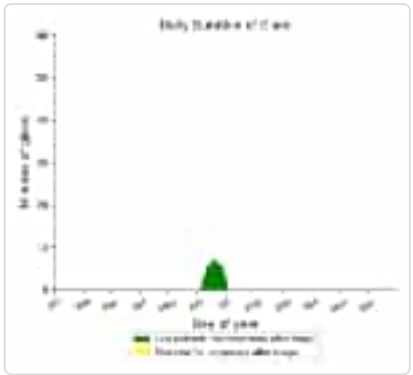
No glare found

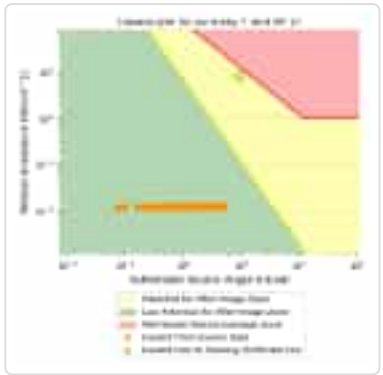
PV array 7: OP 17

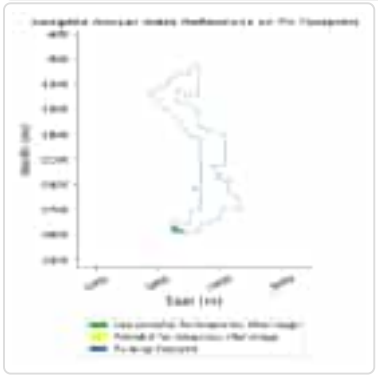
PV array is expected to produce the following glare for this receptor:

- 142 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





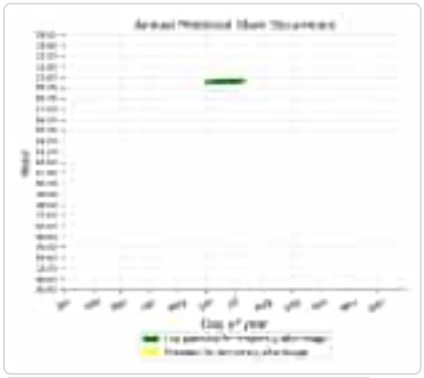


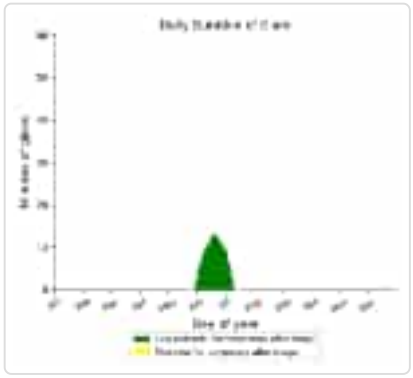


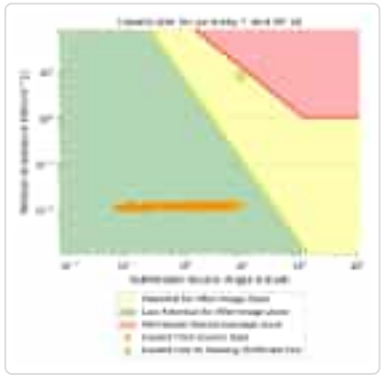
PV array 7: OP 18

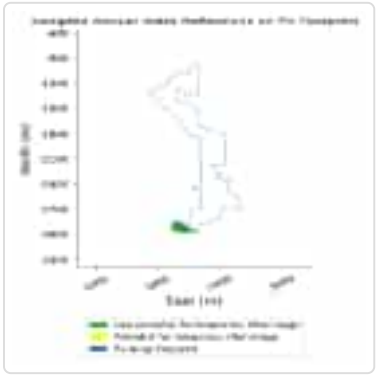
PV array is expected to produce the following glare for this receptor:

- 362 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





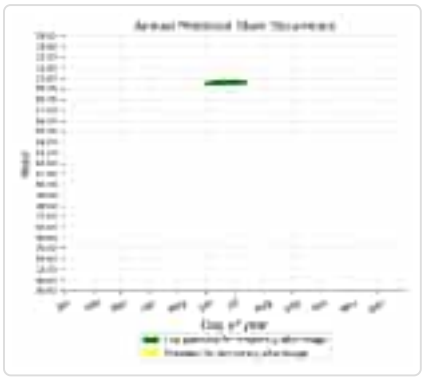


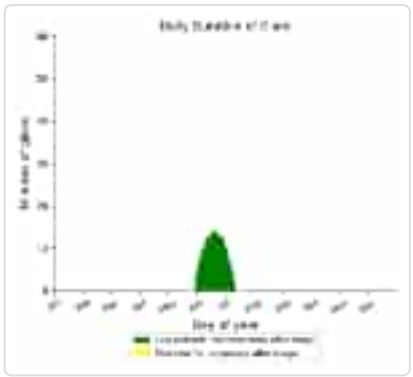


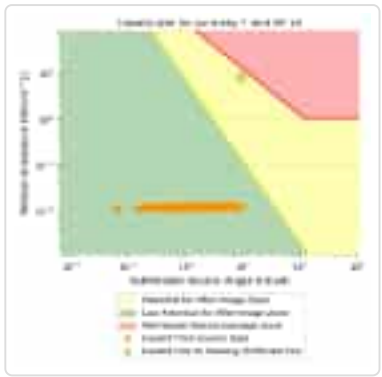
PV array 7: OP 19

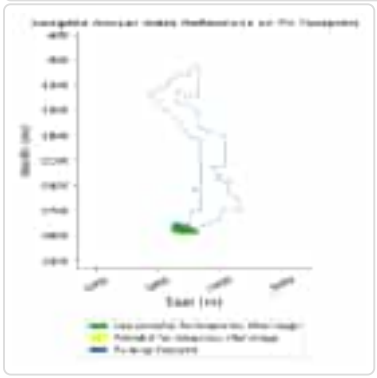
PV array is expected to produce the following glare for this receptor:

- 433 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





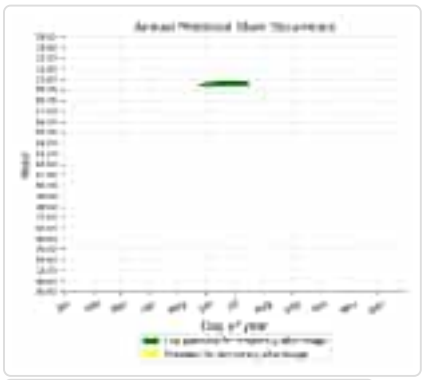


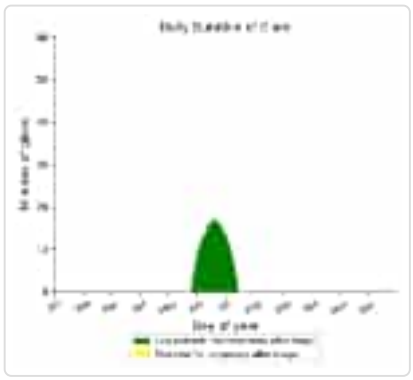


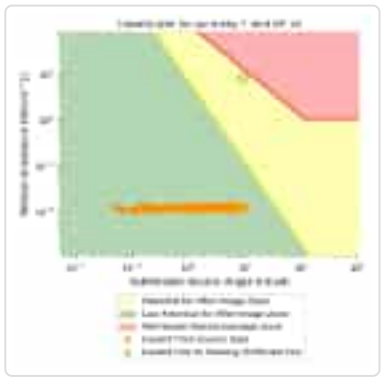
PV array 7: OP 20

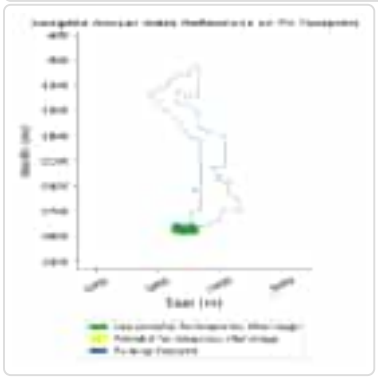
PV array is expected to produce the following glare for this receptor:

- 588 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





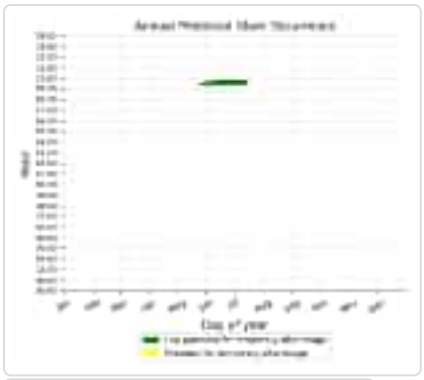


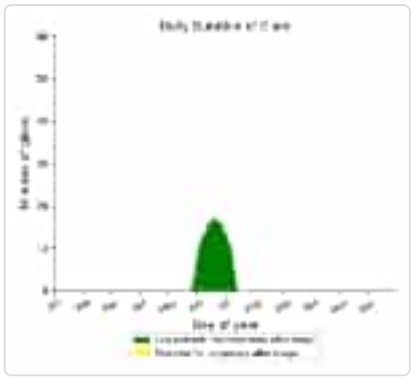


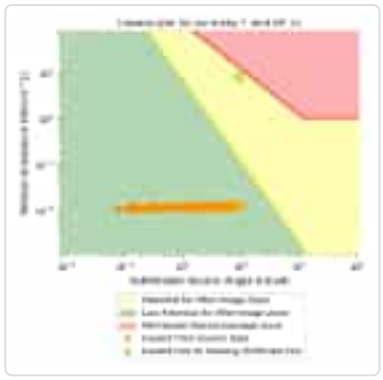
PV array 7: OP 21

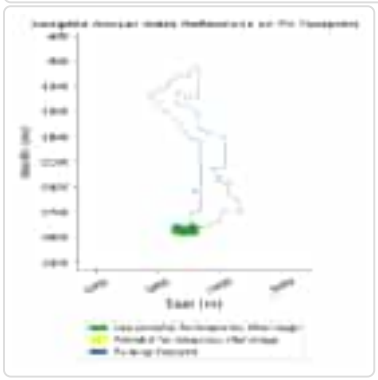
PV array is expected to produce the following glare for this receptor:

- 574 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





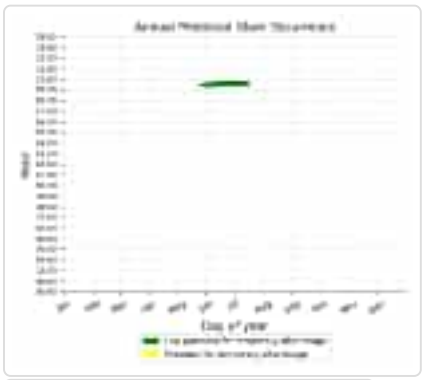


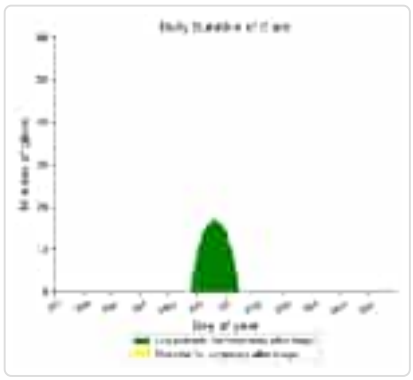


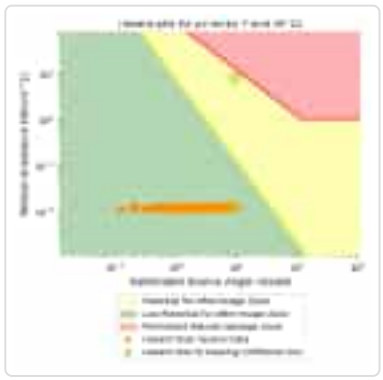
PV array 7: OP 22

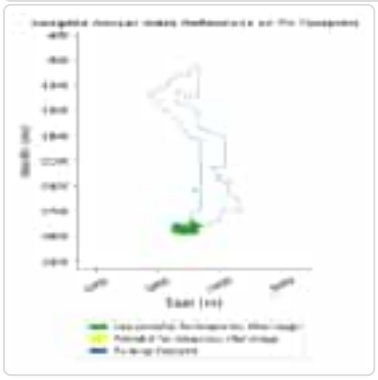
PV array is expected to produce the following glare for this receptor:

- 619 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 23

No glare found

PV array 7: OP 24

No glare found

PV array 7: OP 25

No glare found

PV array 7: OP 26

No glare found

PV array 7: OP 27

No glare found

PV array 7: OP 28

No glare found

PV array 7: OP 29

No glare found

PV array 7: OP 30

No glare found

PV array 7: OP 31

No glare found

PV array 7: OP 32

No glare found

PV array 7: OP 33

No glare found

PV array 7: OP 34

No glare found

PV array 7: OP 35

No glare found

PV array 7: OP 36

No glare found

PV array 7: OP 37

No glare found

PV array 7: OP 38

No glare found

PV array 7: OP 39

No glare found

PV array 7: OP 40

No glare found

PV array 7: OP 41

No glare found

PV array 7: OP 42

No glare found

PV array 7: OP 43

No glare found

PV array 7: OP 44

No glare found

PV array 7: OP 45

No glare found

PV array 7: OP 46

No glare found

PV array 7: OP 47

No glare found

PV array 7: OP 48

No glare found

PV array 7: OP 49

No glare found

PV array 7: OP 50

No glare found

PV array 7: OP 51

No glare found

PV array 7: OP 52

No glare found

PV array 7: OP 53

No glare found

PV array 7: OP 54

No glare found

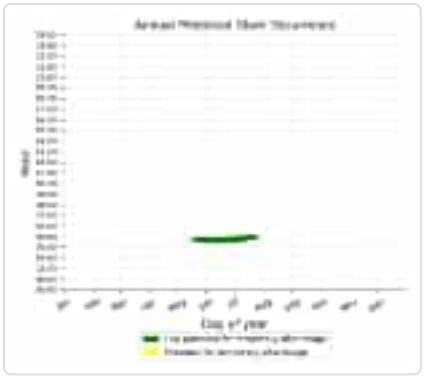
PV array 7: OP 55

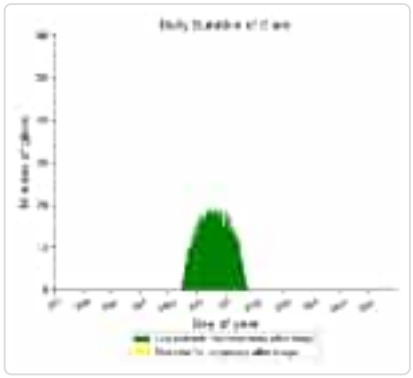
No glare found

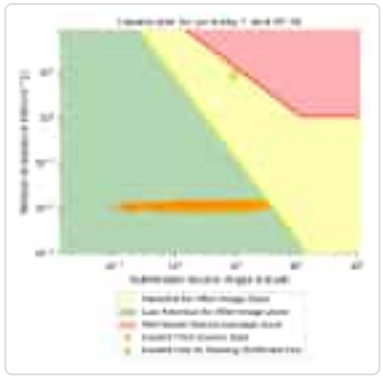
PV array 7: OP 56

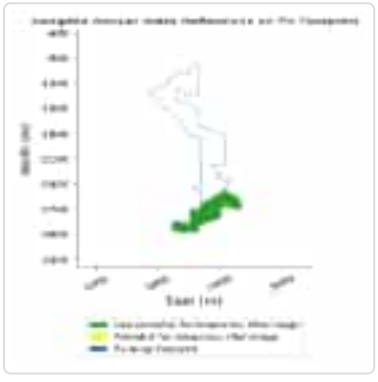
PV array is expected to produce the following glare for this receptor:

- 955 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





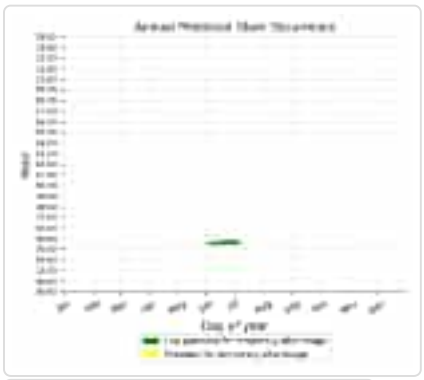


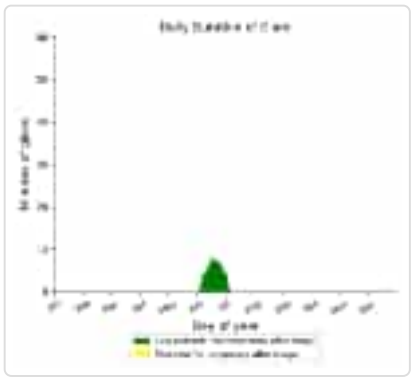


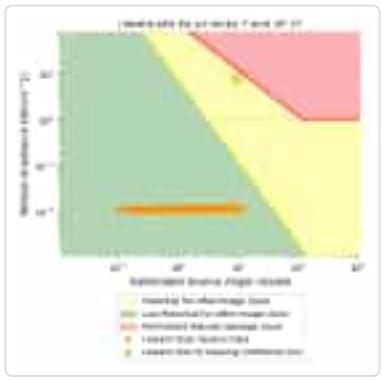
PV array 7: OP 57

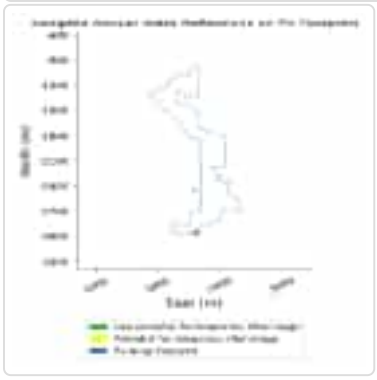
PV array is expected to produce the following glare for this receptor:

- 173 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 58

No glare found

PV array 7: OP 59

No glare found

PV array 7: OP 60

No glare found

PV array 7: OP 61

No glare found

PV array 7: OP 62

No glare found

PV array 7: OP 63

No glare found

PV array 7: OP 64

No glare found

PV array 8 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0

OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	578	0

OP: OP 57	200	0
OP: OP 58	120	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

PV array 8: OP 1

No glare found

PV array 8: OP 2

No glare found

PV array 8: OP 3

No glare found

PV array 8: OP 4

No glare found

PV array 8: OP 5

No glare found

PV array 8: OP 6

No glare found

PV array 8: OP 7

No glare found

PV array 8: OP 8

No glare found

PV array 8: OP 9

No glare found

PV array 8: OP 10

No glare found

PV array 8: OP 11

No glare found

PV array 8: OP 12

No glare found

PV array 8: OP 13

No glare found

PV array 8: OP 14

No glare found

PV array 8: OP 15

No glare found

PV array 8: OP 16

No glare found

PV array 8: OP 17

No glare found

PV array 8: OP 18

No glare found

PV array 8: OP 19

No glare found

PV array 8: OP 20

No glare found

PV array 8: OP 21

No glare found

PV array 8: OP 22

No glare found

PV array 8: OP 23

No glare found

PV array 8: OP 24

No glare found

PV array 8: OP 25

No glare found

PV array 8: OP 26

No glare found

PV array 8: OP 27

No glare found

PV array 8: OP 28

No glare found

PV array 8: OP 29

No glare found

PV array 8: OP 30

No glare found

PV array 8: OP 31

No glare found

PV array 8: OP 32

No glare found

PV array 8: OP 33

No glare found

PV array 8: OP 34

No glare found

PV array 8: OP 35

No glare found

PV array 8: OP 36

No glare found

PV array 8: OP 37

No glare found

PV array 8: OP 38

No glare found

PV array 8: OP 39

No glare found

PV array 8: OP 40

No glare found

PV array 8: OP 41

No glare found

PV array 8: OP 42

No glare found

PV array 8: OP 43

No glare found

PV array 8: OP 44

No glare found

PV array 8: OP 45

No glare found

PV array 8: OP 46

No glare found

PV array 8: OP 47

No glare found

PV array 8: OP 48

No glare found

PV array 8: OP 49

No glare found

PV array 8: OP 50

No glare found

PV array 8: OP 51

No glare found

PV array 8: OP 52

No glare found

PV array 8: OP 53

No glare found

PV array 8: OP 54

No glare found

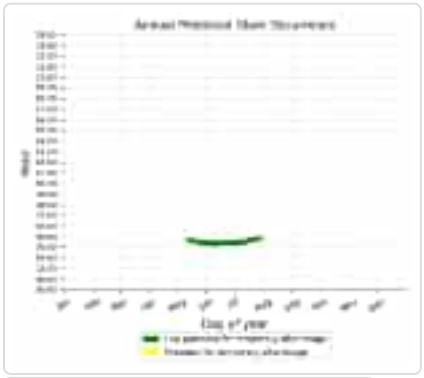
PV array 8: OP 55

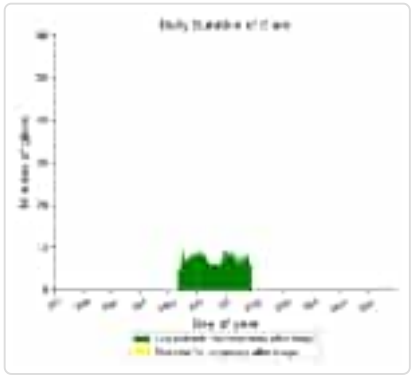
No glare found

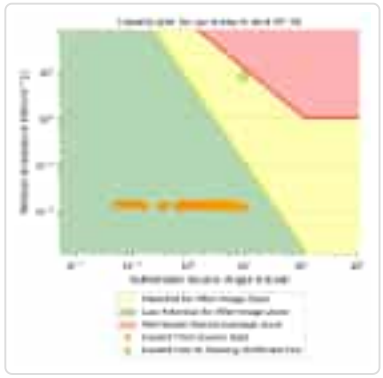
PV array 8: OP 56

PV array is expected to produce the following glare for this receptor:

- 578 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



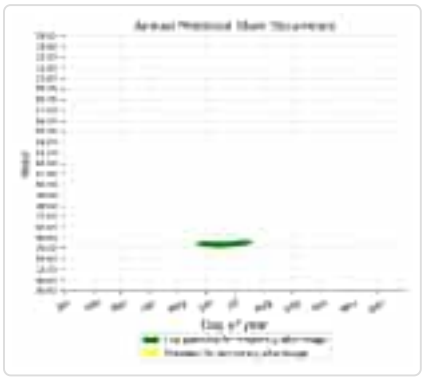


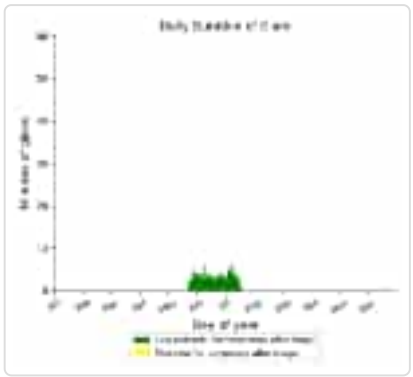


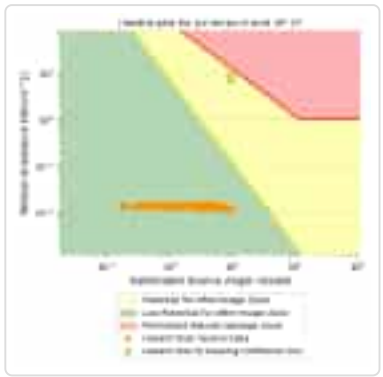
PV array 8: OP 57

PV array is expected to produce the following glare for this receptor:

- 200 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



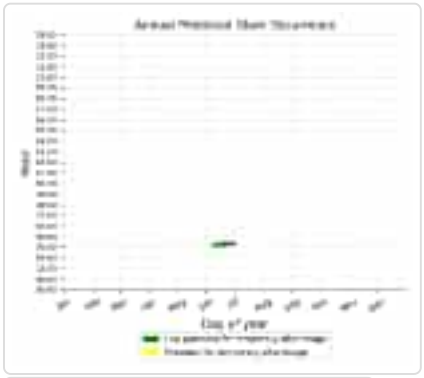


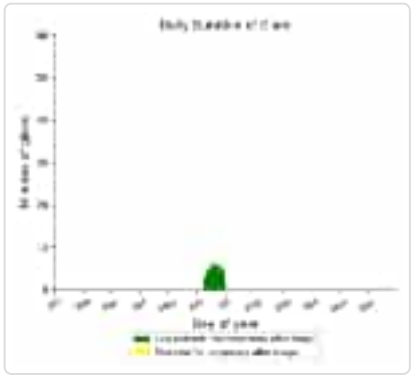


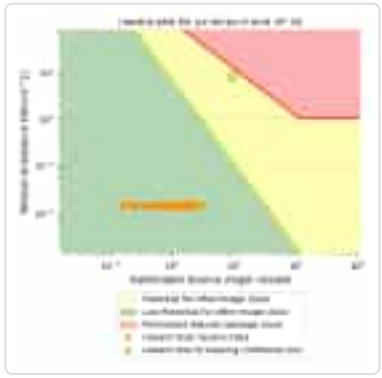
PV array 8: OP 58

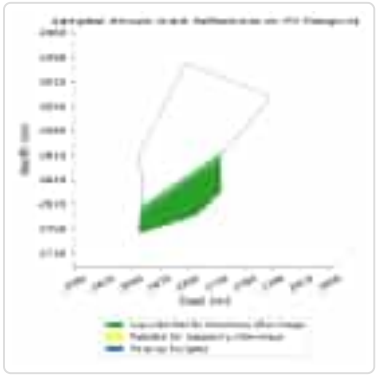
PV array is expected to produce the following glare for this receptor:

- 120 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 8: OP 59

No glare found

PV array 8: OP 60

No glare found

PV array 8: OP 61

No glare found

PV array 8: OP 62

No glare found

PV array 8: OP 63

No glare found

PV array 8: OP 64

No glare found

PV array 9 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0

OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	323	0
OP: OP 15	429	0
OP: OP 16	1091	0
OP: OP 17	1248	0
OP: OP 18	1530	0
OP: OP 19	1557	0
OP: OP 20	1434	0
OP: OP 21	1292	0
OP: OP 22	1556	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	43	0
OP: OP 57	1298	0
OP: OP 58	303	0
OP: OP 59	0	0

OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

PV array 9: OP 1

No glare found

PV array 9: OP 2

No glare found

PV array 9: OP 3

No glare found

PV array 9: OP 4

No glare found

PV array 9: OP 5

No glare found

PV array 9: OP 6

No glare found

PV array 9: OP 7

No glare found

PV array 9: OP 8

No glare found

PV array 9: OP 9

No glare found

PV array 9: OP 10

No glare found

PV array 9: OP 11

No glare found

PV array 9: OP 12

No glare found

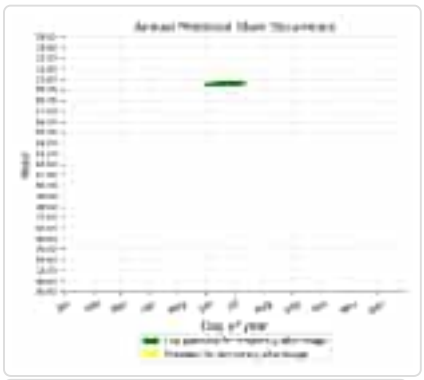
PV array 9: OP 13

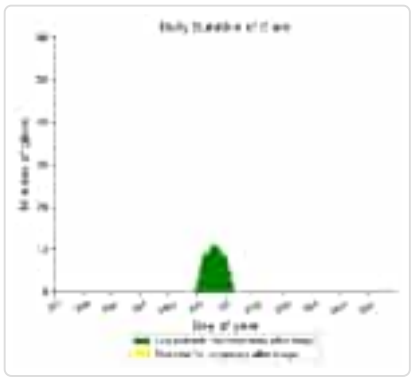
No glare found

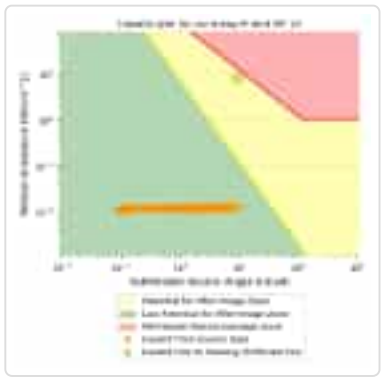
PV array 9: OP 14

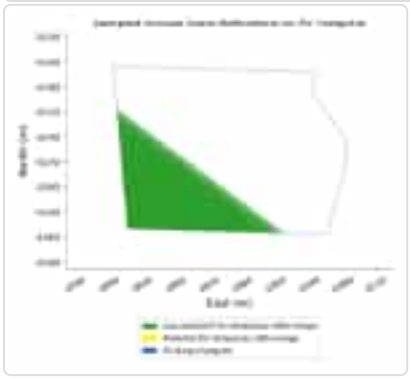
PV array is expected to produce the following glare for this receptor:

- 323 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





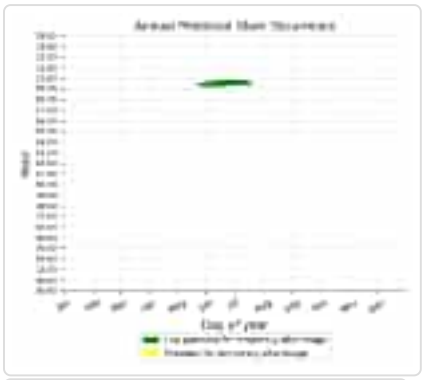


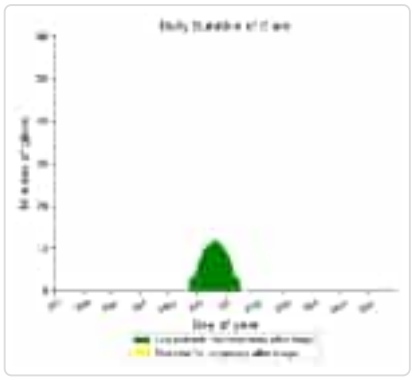


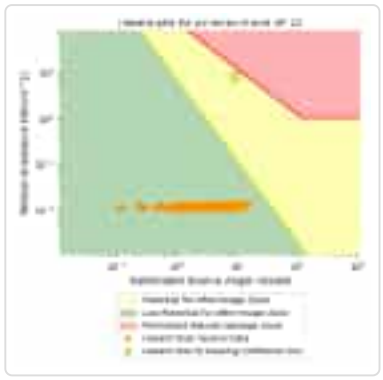
PV array 9: OP 15

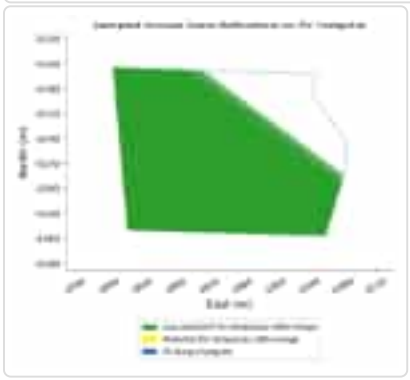
PV array is expected to produce the following glare for this receptor:

- 429 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





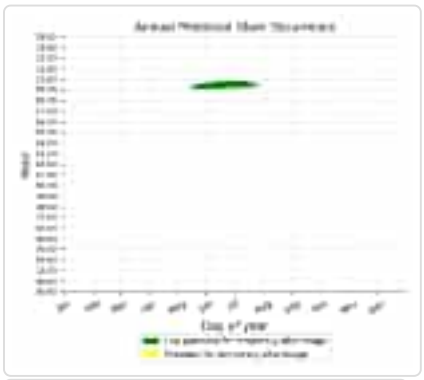


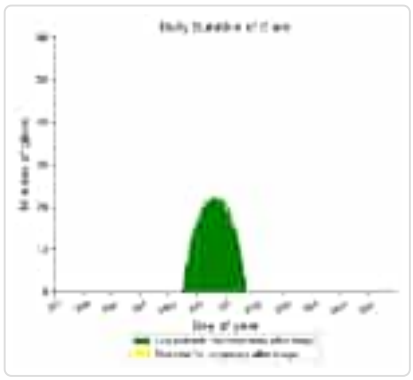


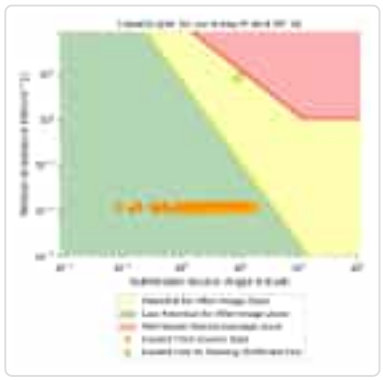
PV array 9: OP 16

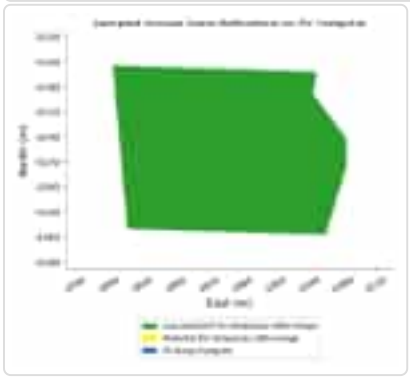
PV array is expected to produce the following glare for this receptor:

- 1,091 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





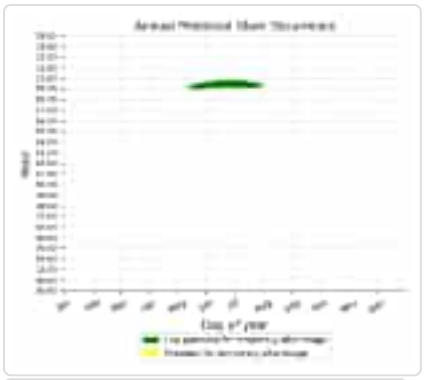


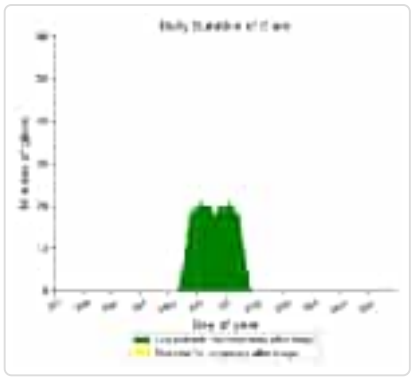


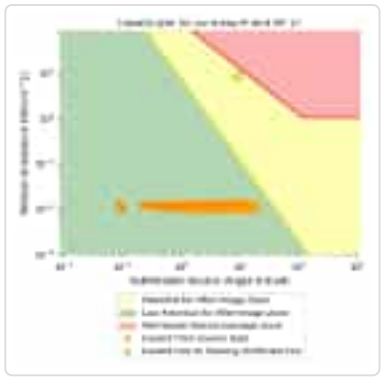
PV array 9: OP 17

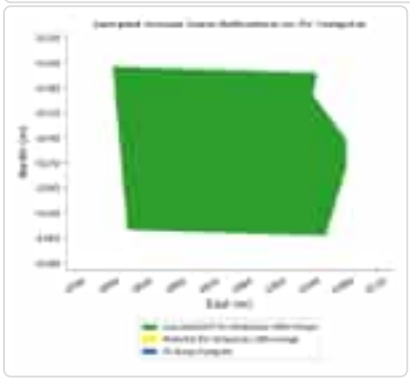
PV array is expected to produce the following glare for this receptor:

- 1,248 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





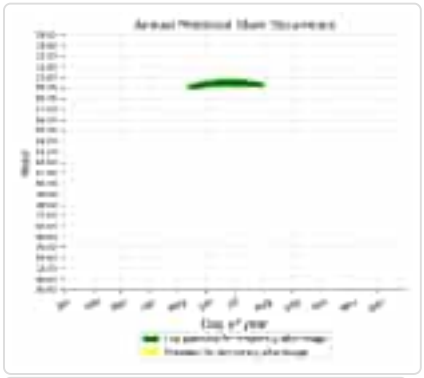


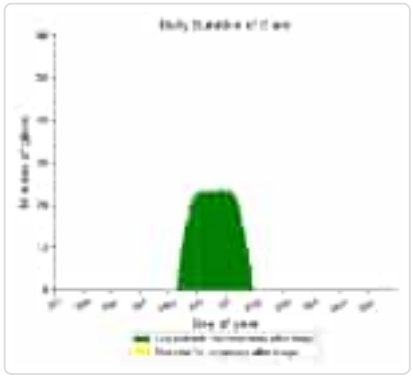


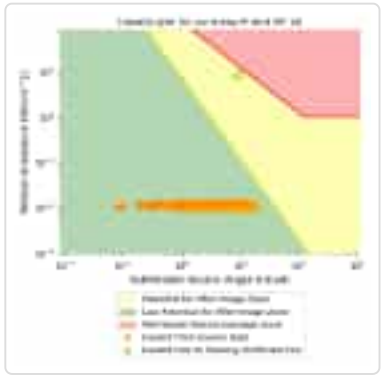
PV array 9: OP 18

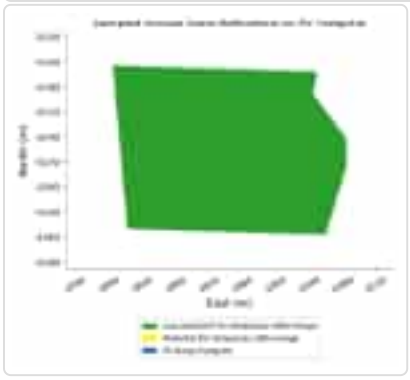
PV array is expected to produce the following glare for this receptor:

- 1,530 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





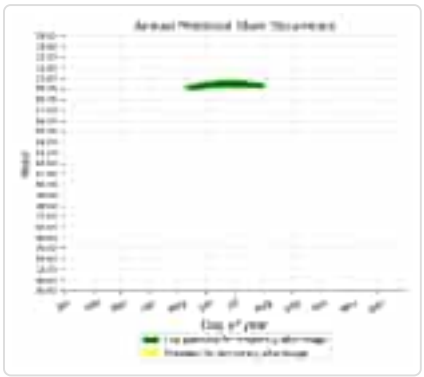


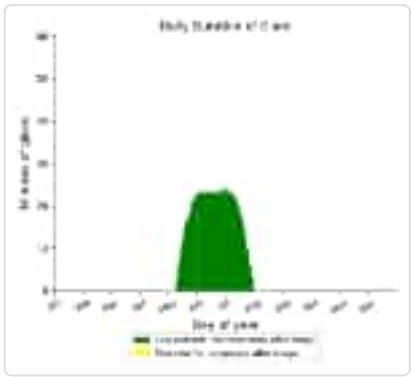


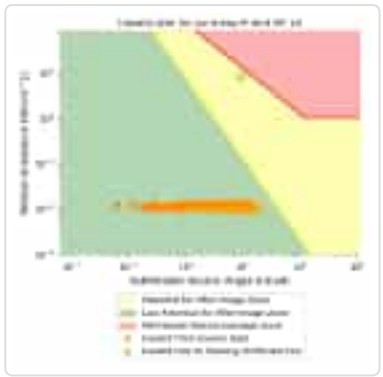
PV array 9: OP 19

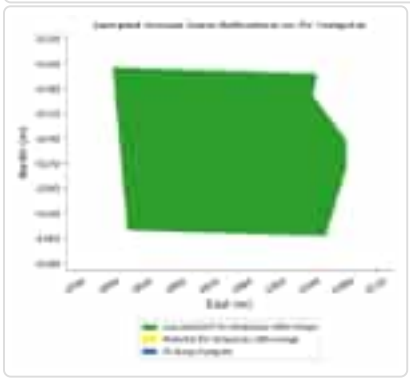
PV array is expected to produce the following glare for this receptor:

- 1,557 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





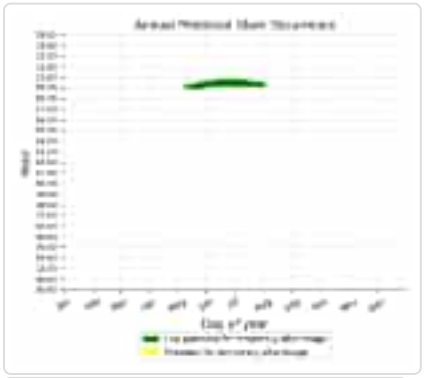


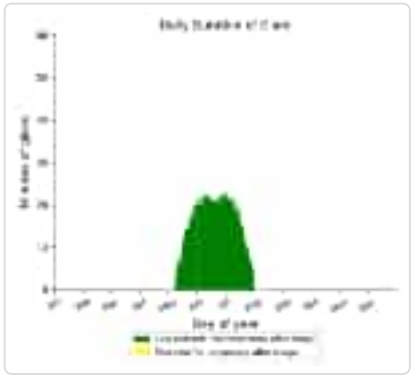


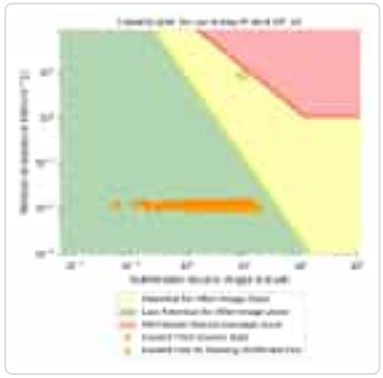
PV array 9: OP 20

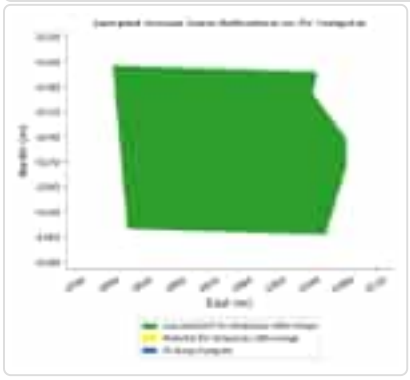
PV array is expected to produce the following glare for this receptor:

- 1,434 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





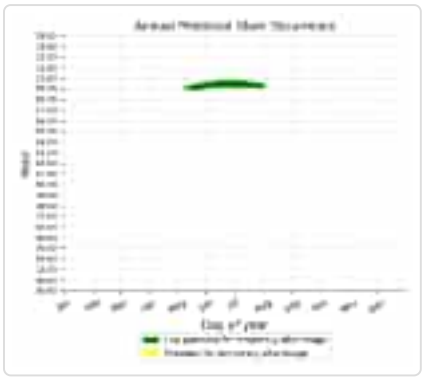


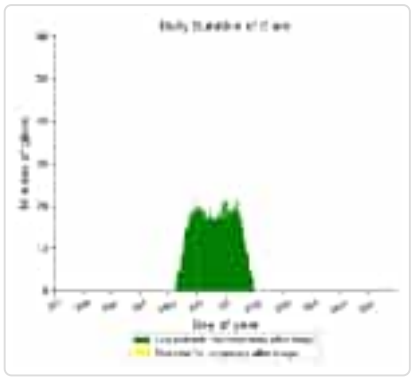


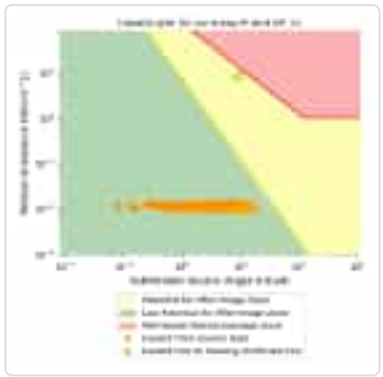
PV array 9: OP 21

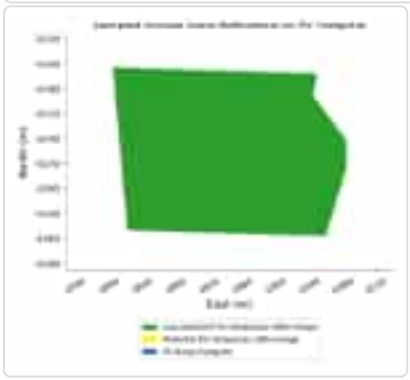
PV array is expected to produce the following glare for this receptor:

- 1,292 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





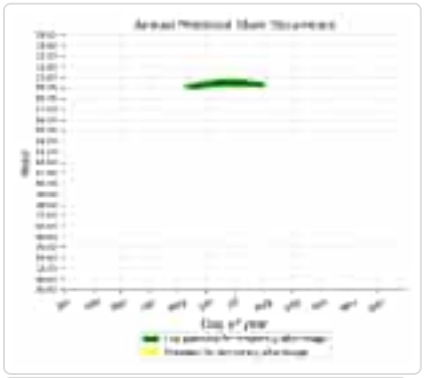


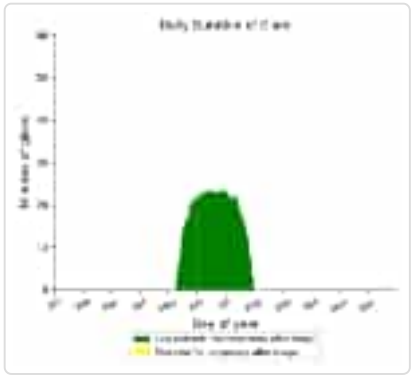


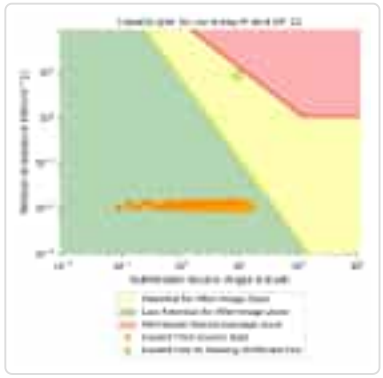
PV array 9: OP 22

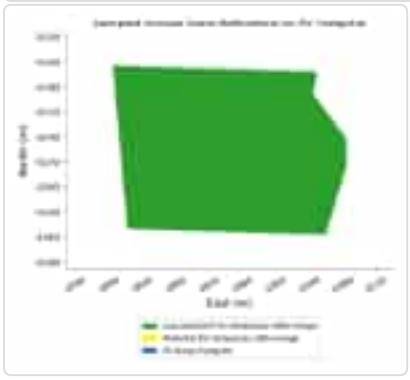
PV array is expected to produce the following glare for this receptor:

- 1,556 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 23

No glare found

PV array 9: OP 24

No glare found

PV array 9: OP 25

No glare found

PV array 9: OP 26

No glare found

PV array 9: OP 27

No glare found

PV array 9: OP 28

No glare found

PV array 9: OP 29

No glare found

PV array 9: OP 30

No glare found

PV array 9: OP 31

No glare found

PV array 9: OP 32

No glare found

PV array 9: OP 33

No glare found

PV array 9: OP 34

No glare found

PV array 9: OP 35

No glare found

PV array 9: OP 36

No glare found

PV array 9: OP 37

No glare found

PV array 9: OP 38

No glare found

PV array 9: OP 39

No glare found

PV array 9: OP 40

No glare found

PV array 9: OP 41

No glare found

PV array 9: OP 42

No glare found

PV array 9: OP 43

No glare found

PV array 9: OP 44

No glare found

PV array 9: OP 45

No glare found

PV array 9: OP 46

No glare found

PV array 9: OP 47

No glare found

PV array 9: OP 48

No glare found

PV array 9: OP 49

No glare found

PV array 9: OP 50

No glare found

PV array 9: OP 51

No glare found

PV array 9: OP 52

No glare found

PV array 9: OP 53

No glare found

PV array 9: OP 54

No glare found

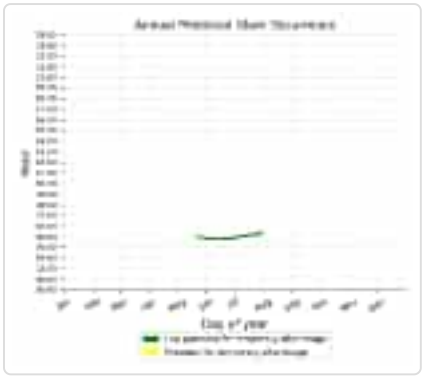
PV array 9: OP 55

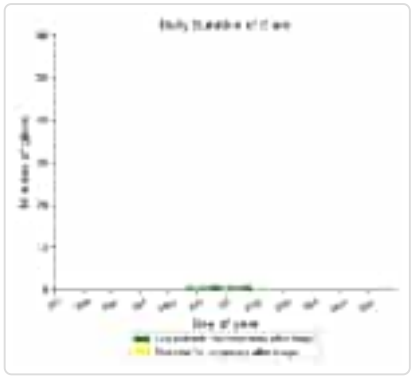
No glare found

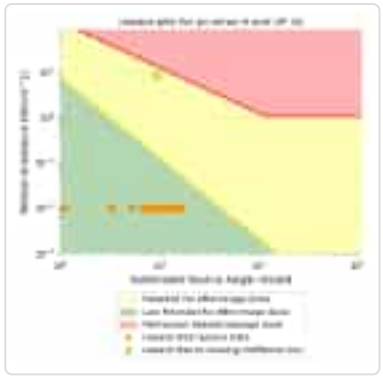
PV array 9: OP 56

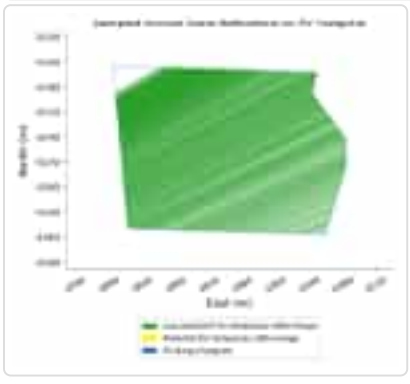
PV array is expected to produce the following glare for this receptor:

- 43 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





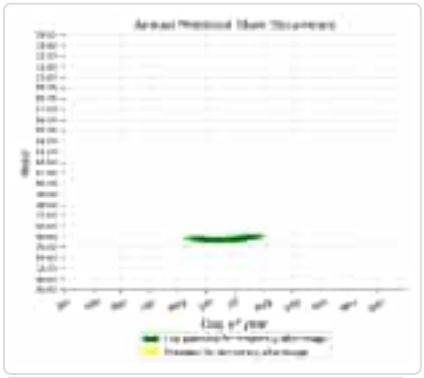


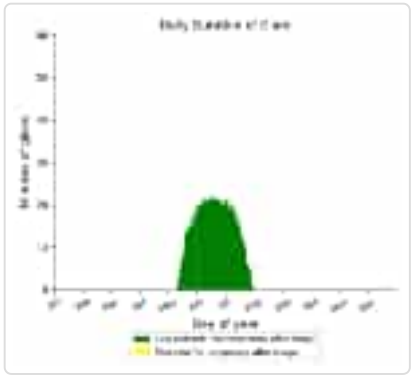


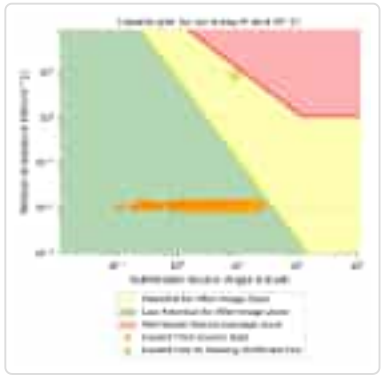
PV array 9: OP 57

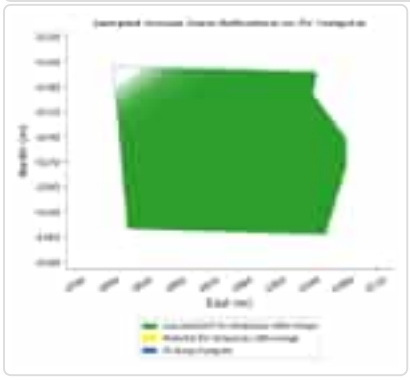
PV array is expected to produce the following glare for this receptor:

- 1,298 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





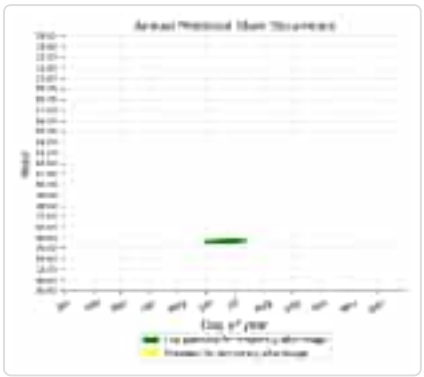


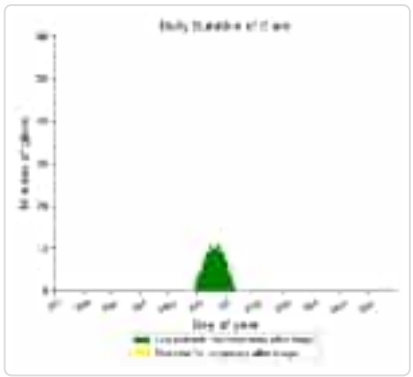


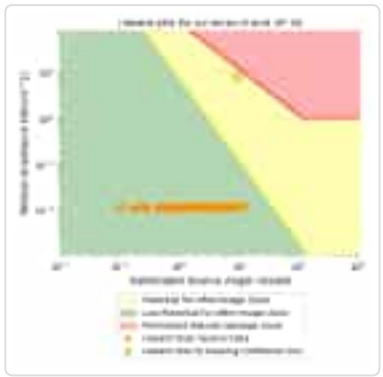
PV array 9: OP 58

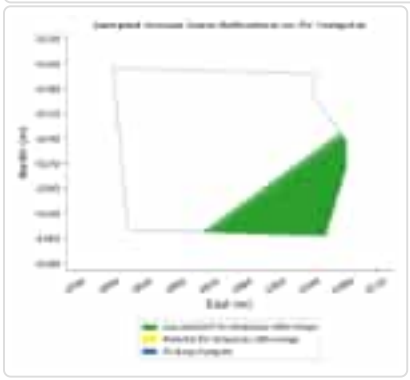
PV array is expected to produce the following glare for this receptor:

- 303 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 59

No glare found

PV array 9: OP 60

No glare found

PV array 9: OP 61

No glare found

PV array 9: OP 62

No glare found

PV array 9: OP 63

No glare found

PV array 9: OP 64

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Fosse Green Solar Farm

Fosse Green SF Road Group A 45 Degrees

Created Jan 11, 2024
Updated Sep 03, 2024
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 109529.18719

Project type Advanced
Project status: active
Category 10 MW to 100 MW

Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
PV array 1	45.0	180.0	62,482	10,853	-
PV array 10	45.0	180.0	0	0	-
PV array 11	45.0	180.0	0	0	-
PV array 12	45.0	180.0	0	0	-
PV array 13	45.0	180.0	0	0	-
PV array 14	45.0	180.0	0	0	-
PV array 15	45.0	180.0	0	0	-
PV array 2	45.0	180.0	79,101	9,242	-
PV array 3	45.0	180.0	36,969	23,590	-
PV array 4	45.0	180.0	47,731	35,693	-
PV array 5	45.0	180.0	57,306	13,913	-
PV array 6	45.0	180.0	59,024	3,577	-
PV array 7	45.0	180.0	55,164	5,580	-
PV array 8	45.0	180.0	0	0	-
PV array 9	45.0	180.0	0	0	-

Component Data

PV Array(s)

Total PV footprint area: 5,181,867 m^2

Name: PV array 1
Footprint area: 534,233 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.173327	-0.683693	15.22	3.50	18.72
2	53.171796	-0.684143	15.03	3.50	18.53
3	53.171552	-0.683478	15.19	3.50	18.69
4	53.171127	-0.682985	15.98	3.50	19.48
5	53.169712	-0.681805	15.00	3.50	18.50
6	53.168092	-0.681418	16.50	3.50	20.00
7	53.167989	-0.682362	16.00	3.50	19.50
8	53.167616	-0.682427	15.86	3.50	19.36
9	53.166844	-0.682749	16.00	3.50	19.50
10	53.166574	-0.682985	16.00	3.50	19.50
11	53.166123	-0.682920	16.00	3.50	19.50
12	53.166394	-0.680345	17.00	3.50	20.50
13	53.166741	-0.680410	16.40	3.50	19.90
14	53.166831	-0.679530	17.48	3.50	20.98
15	53.167320	-0.679659	17.17	3.50	20.67
16	53.167564	-0.677277	20.64	3.50	24.14
17	53.166522	-0.676741	20.78	3.50	24.28
18	53.164593	-0.675024	20.02	3.50	23.52
19	53.163010	-0.673672	18.14	3.50	21.64
20	53.162869	-0.672857	19.04	3.50	22.54
21	53.163088	-0.672084	19.80	3.50	23.30
22	53.163679	-0.671333	23.18	3.50	26.68
23	53.165403	-0.672857	27.63	3.50	31.13
24	53.165648	-0.671870	30.61	3.50	34.11
25	53.166458	-0.671269	32.00	3.50	35.50
26	53.166857	-0.671569	31.99	3.50	35.49
27	53.167847	-0.667406	24.66	3.50	28.16
28	53.169468	-0.666720	25.10	3.50	28.60
29	53.169031	-0.668608	27.89	3.50	31.39
30	53.169198	-0.670067	30.98	3.50	34.48
31	53.169982	-0.673629	26.94	3.50	30.44
32	53.170246	-0.673758	26.58	3.50	30.08
33	53.171294	-0.673125	28.40	3.50	31.90
34	53.171745	-0.672299	30.82	3.50	34.32
35	53.172105	-0.674048	26.50	3.50	30.00
36	53.171674	-0.675957	22.65	3.50	26.15
37	53.171507	-0.677599	22.08	3.50	25.58
38	53.171629	-0.678414	22.99	3.50	26.49
39	53.171918	-0.678833	24.21	3.50	27.71
40	53.171809	-0.679283	22.62	3.50	26.12
41	53.171449	-0.679391	20.48	3.50	23.98
42	53.170838	-0.677985	18.51	3.50	22.01
43	53.170593	-0.678028	17.96	3.50	21.46
44	53.170606	-0.678200	17.83	3.50	21.33
45	53.171372	-0.679906	19.18	3.50	22.68
46	53.171249	-0.681719	17.42	3.50	20.92
47	53.171378	-0.681955	17.27	3.50	20.77
48	53.171333	-0.682395	16.56	3.50	20.06
49	53.171597	-0.682502	16.79	3.50	20.29
50	53.173384	-0.681622	18.75	3.50	22.25

Name: PV array 10
Footprint area: 185,320 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.150798	-0.633966	8.64	3.50	12.14
2	53.150219	-0.635436	8.34	3.50	11.84
3	53.150026	-0.636744	8.28	3.50	11.78
4	53.148983	-0.636744	9.89	3.50	13.39
5	53.148803	-0.636862	10.13	3.50	13.63
6	53.148829	-0.637045	9.76	3.50	13.26
7	53.147420	-0.637957	10.19	3.50	13.69
8	53.146461	-0.637796	10.65	3.50	14.15
9	53.146126	-0.637302	11.44	3.50	14.94
10	53.145875	-0.635146	9.74	3.50	13.24
11	53.145566	-0.635264	9.14	3.50	12.64
12	53.145451	-0.635843	9.42	3.50	12.92
13	53.145142	-0.635951	9.94	3.50	13.44
14	53.144987	-0.634910	11.54	3.50	15.04
15	53.144637	-0.634278	12.00	3.50	15.50
16	53.143968	-0.633344	12.41	3.50	15.91
17	53.144200	-0.633280	11.84	3.50	15.34
18	53.144953	-0.632754	9.97	3.50	13.47
19	53.145828	-0.631949	10.31	3.50	13.81
20	53.146497	-0.631509	11.15	3.50	14.65
21	53.147668	-0.633848	12.51	3.50	16.01
22	53.148395	-0.633344	12.81	3.50	16.31
23	53.148254	-0.632947	13.08	3.50	16.58
24	53.148910	-0.632035	13.05	3.50	16.55
25	53.149148	-0.632604	13.03	3.50	16.53
26	53.149631	-0.631853	12.49	3.50	15.99

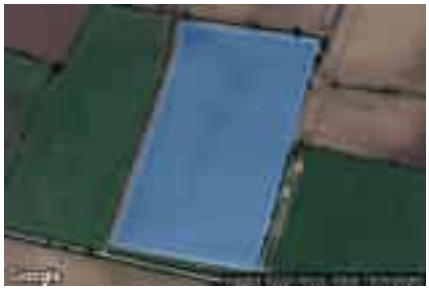
Name: PV array 11
Footprint area: 717,731 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.148506	-0.631749	13.14	3.50	16.64
2	53.147850	-0.632704	12.97	3.50	16.47
3	53.147683	-0.632715	12.37	3.50	15.87
4	53.146640	-0.630945	11.20	3.50	14.70
5	53.146396	-0.630848	12.22	3.50	15.72
6	53.145637	-0.631266	12.28	3.50	15.78
7	53.144343	-0.632565	11.04	3.50	14.54
8	53.142046	-0.627951	13.11	3.50	16.61
9	53.141524	-0.626084	12.34	3.50	15.84
10	53.138596	-0.627329	13.83	3.50	17.33
11	53.138454	-0.627232	13.48	3.50	16.98
12	53.137051	-0.628370	12.96	3.50	16.46
13	53.137154	-0.629056	13.21	3.50	16.71
14	53.135919	-0.628649	14.19	3.50	17.69
15	53.135771	-0.627640	12.78	3.50	16.28
16	53.134593	-0.628456	13.03	3.50	16.53
17	53.134464	-0.624700	12.77	3.50	16.27
18	53.134618	-0.624700	12.76	3.50	16.26
19	53.134631	-0.624990	12.76	3.50	16.26
20	53.135655	-0.624947	12.58	3.50	16.08
21	53.135758	-0.626331	11.86	3.50	15.36
22	53.136112	-0.626567	11.92	3.50	15.42
23	53.136549	-0.625162	10.74	3.50	14.24
24	53.136717	-0.625055	10.13	3.50	13.63
25	53.136652	-0.624636	10.38	3.50	13.88
26	53.137450	-0.624089	10.03	3.50	13.53
27	53.135830	-0.616790	7.11	3.50	10.61
28	53.136200	-0.615960	6.99	3.50	10.49
29	53.137240	-0.614930	7.15	3.50	10.65
30	53.137620	-0.615710	7.24	3.50	10.74
31	53.137860	-0.615550	7.38	3.50	10.88
32	53.137990	-0.614790	7.14	3.50	10.64
33	53.139105	-0.617426	7.93	3.50	11.43
34	53.139800	-0.619754	11.05	3.50	14.55
35	53.141717	-0.618682	9.38	3.50	12.88
36	53.142129	-0.620227	11.21	3.50	14.71
37	53.142007	-0.620323	10.80	3.50	14.30
38	53.142541	-0.622211	11.19	3.50	14.69
39	53.144034	-0.620784	11.76	3.50	15.26
40	53.144607	-0.623563	11.92	3.50	15.42
41	53.145591	-0.624582	12.63	3.50	16.13
42	53.145044	-0.625248	12.90	3.50	16.40
43	53.145077	-0.625666	12.28	3.50	15.78
44	53.146634	-0.628348	11.72	3.50	15.22
45	53.146808	-0.628220	12.16	3.50	15.66
46	53.148268	-0.630762	12.11	3.50	15.61
47	53.148101	-0.631030	11.92	3.50	15.42

Name: PV array 12
Footprint area: 73,115 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.136228	-0.613414	8.07	3.50	11.57
2	53.135854	-0.613478	8.46	3.50	11.96
3	53.133222	-0.614980	9.82	3.50	13.32
4	53.132887	-0.611772	10.64	3.50	14.14
5	53.135977	-0.610335	9.13	3.50	12.63

Name: PV array 13
Footprint area: 737,153 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.135585	-0.658160	11.48	3.50	14.98
2	53.136461	-0.665906	14.75	3.50	18.25
3	53.130642	-0.667945	14.56	3.50	18.06
4	53.130333	-0.666357	13.81	3.50	17.31
5	53.128440	-0.666872	14.86	3.50	18.36
6	53.128582	-0.668717	14.77	3.50	18.27
7	53.128273	-0.668782	14.57	3.50	18.07
8	53.128131	-0.667301	14.49	3.50	17.99
9	53.125730	-0.667666	13.07	3.50	16.57
10	53.125710	-0.667945	12.94	3.50	16.44
11	53.124455	-0.667505	13.19	3.50	16.69
12	53.124558	-0.666711	12.70	3.50	16.20
13	53.123380	-0.665788	11.31	3.50	14.81
14	53.123457	-0.665370	11.00	3.50	14.50
15	53.123122	-0.665220	12.04	3.50	15.54
16	53.123476	-0.663514	13.15	3.50	16.65
17	53.124365	-0.661776	13.29	3.50	16.79
18	53.124571	-0.660832	13.96	3.50	17.46
19	53.125067	-0.660220	13.10	3.50	16.60
20	53.126410	-0.656650	11.66	3.50	15.16
21	53.126650	-0.656260	11.38	3.50	14.88
22	53.126960	-0.656270	11.65	3.50	15.15
23	53.127180	-0.656070	12.25	3.50	15.75
24	53.127600	-0.659050	12.08	3.50	15.58
25	53.128790	-0.658920	13.52	3.50	17.02
26	53.129280	-0.661440	14.94	3.50	18.44
27	53.131090	-0.659840	14.90	3.50	18.40
28	53.131520	-0.659500	14.40	3.50	17.90
29	53.132320	-0.658860	12.70	3.50	16.20
30	53.133270	-0.657930	12.71	3.50	16.21
31	53.133345	-0.658664	11.01	3.50	14.51

Name: PV array 14
Footprint area: 209,667 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132660	-0.653180	10.42	3.50	13.92
2	53.132070	-0.653360	10.23	3.50	13.73
3	53.131511	-0.653075	11.28	3.50	14.78
4	53.130770	-0.652409	10.38	3.50	13.88
5	53.130352	-0.650050	9.94	3.50	13.44
6	53.130095	-0.649556	9.85	3.50	13.35
7	53.130275	-0.649255	10.71	3.50	14.21
8	53.132390	-0.648020	11.38	3.50	14.88
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38

Name: PV array 15
Footprint area: 78,226 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132772	-0.647378	9.94	3.50	13.44
2	53.130056	-0.648847	10.80	3.50	14.30
3	53.129882	-0.649255	9.89	3.50	13.39
4	53.129303	-0.648847	10.80	3.50	14.30
5	53.128942	-0.648858	10.87	3.50	14.37
6	53.128884	-0.648418	11.51	3.50	15.01
7	53.128311	-0.648386	11.43	3.50	14.93
8	53.128105	-0.646884	11.40	3.50	14.90
9	53.130622	-0.645758	10.83	3.50	14.33
10	53.130700	-0.646122	11.65	3.50	15.15
11	53.131298	-0.645768	10.18	3.50	13.68
12	53.132410	-0.645330	9.00	3.50	12.50

Name: PV array 2
Footprint area: 606,601 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.179699	-0.666763	17.74	3.50	21.24
2	53.179108	-0.670067	20.15	3.50	23.65
3	53.176523	-0.668029	19.69	3.50	23.19
4	53.174220	-0.666891	26.06	3.50	29.56
5	53.174465	-0.660669	17.80	3.50	21.30
6	53.172497	-0.660755	16.16	3.50	19.66
7	53.172510	-0.661355	17.14	3.50	20.64
8	53.172960	-0.661484	17.29	3.50	20.79
9	53.173230	-0.666677	24.28	3.50	27.78
10	53.172175	-0.666226	20.97	3.50	24.47
11	53.171823	-0.664919	19.69	3.50	23.19
12	53.171714	-0.664865	19.72	3.50	23.22
13	53.170968	-0.662526	18.08	3.50	21.58
14	53.170357	-0.661797	17.29	3.50	20.79
15	53.174293	-0.653523	13.69	3.50	17.19
16	53.178283	-0.655459	15.69	3.50	19.19
17	53.179363	-0.655588	13.41	3.50	16.91
18	53.178051	-0.662519	19.70	3.50	23.20
19	53.177884	-0.665737	19.63	3.50	23.13

Name: PV array 3
Footprint area: 679,840 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.162240	-0.675330	17.88	3.50	21.38
2	53.159340	-0.671810	16.96	3.50	20.46
3	53.159790	-0.670480	16.50	3.50	20.00
4	53.160860	-0.668250	17.83	3.50	21.33
5	53.160420	-0.666810	17.26	3.50	20.76
6	53.159450	-0.669110	15.52	3.50	19.02
7	53.159860	-0.669750	15.96	3.50	19.46
8	53.159140	-0.671710	16.90	3.50	20.40
9	53.158240	-0.670650	16.68	3.50	20.18
10	53.158390	-0.670070	16.02	3.50	19.52
11	53.157840	-0.668790	15.77	3.50	19.27
12	53.159770	-0.664130	19.42	3.50	22.92
13	53.159920	-0.664410	18.34	3.50	21.84
14	53.160980	-0.661830	24.57	3.50	28.07
15	53.161160	-0.662010	24.26	3.50	27.76
16	53.161290	-0.661640	25.79	3.50	29.29
17	53.161160	-0.661450	26.00	3.50	29.50
18	53.162190	-0.659350	26.37	3.50	29.87
19	53.162080	-0.658850	26.32	3.50	29.82
20	53.162650	-0.657690	27.46	3.50	30.96
21	53.165690	-0.658340	22.77	3.50	26.27
22	53.165920	-0.658980	21.27	3.50	24.77
23	53.166210	-0.659430	20.99	3.50	24.49
24	53.165960	-0.661020	21.23	3.50	24.73
25	53.167980	-0.662370	18.26	3.50	21.76
26	53.167650	-0.663320	18.23	3.50	21.73
27	53.167500	-0.667240	23.91	3.50	27.41
28	53.164620	-0.668620	26.56	3.50	30.06
29	53.164820	-0.669520	27.49	3.50	30.99
30	53.163160	-0.671190	20.73	3.50	24.23
31	53.162730	-0.672050	18.84	3.50	22.34
32	53.162570	-0.673160	18.39	3.50	21.89
33	53.162750	-0.673700	17.85	3.50	21.35
34	53.162650	-0.674340	17.02	3.50	20.52

Name: PV array 4
Footprint area: 540,098 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.172585	-0.642585	14.81	3.50	18.31
2	53.173512	-0.648335	13.73	3.50	17.23
3	53.168740	-0.657433	17.19	3.50	20.69
4	53.168530	-0.657412	16.94	3.50	20.44
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
6	53.168300	-0.658730	18.04	3.50	21.54
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
8	53.165850	-0.657640	21.97	3.50	25.47
9	53.165650	-0.657980	23.24	3.50	26.74
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
13	53.166850	-0.655520	18.20	3.50	21.70
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
15	53.167980	-0.655110	18.44	3.50	21.94
16	53.169113	-0.651554	16.06	3.50	19.56
17	53.169113	-0.651060	15.41	3.50	18.91
18	53.168032	-0.650867	15.63	3.50	19.13
19	53.167955	-0.651597	16.07	3.50	19.57
20	53.167337	-0.651232	15.83	3.50	19.33
21	53.166077	-0.651103	19.26	3.50	22.76
22	53.166115	-0.650481	18.68	3.50	22.18
23	53.165961	-0.650181	19.78	3.50	23.28
24	53.168251	-0.644537	17.16	3.50	20.66
25	53.168920	-0.644687	16.30	3.50	19.80
26	53.170129	-0.644408	16.57	3.50	20.07
27	53.171132	-0.643754	15.25	3.50	18.75
28	53.171151	-0.643400	15.23	3.50	18.73
29	53.172000	-0.642681	14.97	3.50	18.47

Name: PV array 5
Footprint area: 85,119 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.175987	-0.638261	17.17	3.50	20.67
2	53.175962	-0.637317	17.32	3.50	20.82
3	53.175704	-0.636180	15.99	3.50	19.49
4	53.172039	-0.635257	10.34	3.50	13.84
5	53.170855	-0.638197	11.33	3.50	14.83
6	53.174251	-0.638304	12.30	3.50	15.80

Name: PV array 6
Footprint area: 178,317 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.167678	-0.644140	17.52	3.50	21.02
2	53.165556	-0.649011	19.39	3.50	22.89
3	53.164810	-0.644784	20.41	3.50	23.91
4	53.165350	-0.641716	16.27	3.50	19.77
5	53.163562	-0.640986	20.48	3.50	23.98
6	53.161902	-0.640643	22.38	3.50	25.88
7	53.159226	-0.640385	15.78	3.50	19.28
8	53.159329	-0.638197	13.14	3.50	16.64
9	53.162726	-0.638883	20.72	3.50	24.22
10	53.164115	-0.639205	17.21	3.50	20.71
11	53.165183	-0.639763	14.44	3.50	17.94
12	53.165800	-0.640707	14.81	3.50	18.31
13	53.166366	-0.642209	16.10	3.50	19.60
14	53.166971	-0.643282	16.63	3.50	20.13

Name: PV array 7
Footprint area: 491,459 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.164655	-0.651071	23.57	3.50	27.07
2	53.164218	-0.652101	24.34	3.50	27.84
3	53.163588	-0.652015	24.43	3.50	27.93
4	53.163575	-0.652466	24.10	3.50	27.60
5	53.163883	-0.652809	24.86	3.50	28.36
6	53.162790	-0.655406	26.04	3.50	29.54
7	53.162404	-0.655148	26.50	3.50	30.00
8	53.162082	-0.655835	27.39	3.50	30.89
9	53.162263	-0.656543	27.11	3.50	30.61
10	53.161516	-0.658324	26.25	3.50	29.75
11	53.158776	-0.654054	22.55	3.50	26.05
12	53.156879	-0.652104	18.45	3.50	21.95
13	53.156840	-0.650806	17.85	3.50	21.35
14	53.156634	-0.650474	16.75	3.50	20.25
15	53.155412	-0.650935	12.99	3.50	16.49
16	53.155245	-0.650441	12.47	3.50	15.97
17	53.154428	-0.650484	11.62	3.50	15.12
18	53.152317	-0.650581	10.82	3.50	14.32
19	53.151545	-0.650656	11.68	3.50	15.18
20	53.151481	-0.651761	11.49	3.50	14.99
21	53.151159	-0.651729	12.56	3.50	16.06
22	53.151178	-0.650924	12.32	3.50	15.82
23	53.150863	-0.650624	12.97	3.50	16.47
24	53.149042	-0.650581	13.39	3.50	16.89
25	53.149113	-0.652083	14.82	3.50	18.32
26	53.147459	-0.652115	10.92	3.50	14.42
27	53.147762	-0.654604	14.65	3.50	18.15
28	53.146730	-0.654770	11.29	3.50	14.79
29	53.146710	-0.654450	10.79	3.50	14.29
30	53.146660	-0.653930	9.86	3.50	13.36
31	53.146560	-0.653210	9.32	3.50	12.82
32	53.146500	-0.652650	9.65	3.50	13.15
33	53.146620	-0.652540	9.69	3.50	13.19
34	53.146670	-0.652330	9.64	3.50	13.14
35	53.146500	-0.650990	8.94	3.50	12.44
36	53.146830	-0.651060	9.07	3.50	12.57
37	53.147220	-0.650840	9.43	3.50	12.93
38	53.147530	-0.650490	9.95	3.50	13.45
39	53.148058	-0.647824	10.34	3.50	13.84
40	53.149293	-0.647502	11.75	3.50	15.25
41	53.149364	-0.647008	11.40	3.50	14.90
42	53.149004	-0.645163	9.84	3.50	13.34
43	53.149068	-0.644702	10.07	3.50	13.57
44	53.149589	-0.644659	10.09	3.50	13.59
45	53.150246	-0.645152	10.47	3.50	13.97
46	53.150709	-0.646118	10.77	3.50	14.27
47	53.150861	-0.646854	11.55	3.50	15.05
48	53.152186	-0.646683	10.55	3.50	14.05
49	53.152302	-0.648378	10.85	3.50	14.35
50	53.152559	-0.648356	11.03	3.50	14.53
51	53.152650	-0.647820	11.33	3.50	14.83
52	53.152843	-0.647562	10.51	3.50	14.01
53	53.152984	-0.648185	10.54	3.50	14.04
54	53.153396	-0.648850	10.72	3.50	14.22
55	53.153821	-0.649000	11.70	3.50	15.20
56	53.153821	-0.647176	11.57	3.50	15.07
57	53.157030	-0.647114	18.62	3.50	22.12
58	53.157911	-0.650923	21.21	3.50	24.71
59	53.159526	-0.650773	24.30	3.50	27.80
60	53.159841	-0.651545	25.93	3.50	29.43
61	53.160478	-0.652318	28.32	3.50	31.82
62	53.160542	-0.654142	27.00	3.50	30.50
63	53.161668	-0.654152	28.25	3.50	31.75
64	53.162003	-0.653691	27.32	3.50	30.82

65	53.161359	-0.652489	27.84	3.50	31.34
66	53.161314	-0.650848	28.23	3.50	31.73

Name: PV array 8
Footprint area: 15,661 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.149067	-0.644094	9.24	3.50	12.74
2	53.149505	-0.644029	9.82	3.50	13.32
3	53.149878	-0.644094	9.57	3.50	13.07
4	53.150888	-0.643353	9.27	3.50	12.77
5	53.150521	-0.642002	8.25	3.50	11.75
6	53.149871	-0.642806	8.50	3.50	12.00
7	53.149472	-0.642796	8.80	3.50	12.30
8	53.149215	-0.643192	8.74	3.50	12.24
9	53.149022	-0.644072	9.17	3.50	12.67

Name: PV array 9
Footprint area: 49,327 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.144980	-0.656700	12.95	3.50	16.45
2	53.143230	-0.656440	10.07	3.50	13.57
3	53.143170	-0.652900	8.94	3.50	12.44
4	53.143890	-0.652530	9.13	3.50	12.63
5	53.144200	-0.652530	9.20	3.50	12.70
6	53.144680	-0.653130	9.45	3.50	12.95
7	53.144910	-0.653050	9.39	3.50	12.89

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	53.152135	-0.681178	19.02	1.50	20.52
OP 2	53.153087	-0.678925	18.95	1.50	20.45
OP 3	53.154168	-0.676339	17.62	1.50	19.12
OP 4	53.155101	-0.673625	16.03	1.50	17.53
OP 5	53.156169	-0.671415	16.57	1.50	18.07
OP 6	53.157089	-0.669301	15.70	1.50	17.20
OP 7	53.158196	-0.666726	16.62	1.50	18.12
OP 8	53.159334	-0.664237	19.68	1.50	21.18
OP 9	53.160383	-0.661812	23.89	1.50	25.39
OP 10	53.161399	-0.659516	26.19	1.50	27.69
OP 11	53.162454	-0.657081	27.69	1.50	29.19
OP 12	53.163400	-0.654881	25.87	1.50	27.37
OP 13	53.164358	-0.652628	24.93	1.50	26.43
OP 14	53.165464	-0.650129	21.62	1.50	23.12
OP 15	53.166416	-0.647929	18.63	1.50	20.13
OP 16	53.167471	-0.645504	17.98	1.50	19.48
OP 17	53.168455	-0.643176	17.44	1.50	18.94
OP 18	53.169388	-0.640891	15.77	1.50	17.27
OP 19	53.170307	-0.638638	13.06	1.50	14.56
OP 20	53.171414	-0.635967	11.89	1.50	13.39
OP 21	53.172385	-0.633649	11.79	1.50	13.29
OP 22	53.173298	-0.631439	11.92	1.50	13.42
OP 23	53.174282	-0.628950	10.45	1.50	11.95
OP 24	53.175433	-0.626278	10.12	1.50	11.62
OP 25	53.176430	-0.624422	10.15	1.50	11.65
OP 26	53.178288	-0.624841	11.79	1.50	13.29
OP 27	53.180011	-0.625742	14.98	1.50	16.48
OP 28	53.181699	-0.626555	13.81	1.50	15.31
OP 29	53.177417	-0.621662	9.33	1.50	10.83
OP 30	53.158701	-0.691335	17.00	1.50	18.50
OP 31	53.158501	-0.688632	17.25	1.50	18.75
OP 32	53.157813	-0.686497	17.33	1.50	18.83
OP 33	53.157658	-0.683407	17.00	1.50	18.50
OP 34	53.157285	-0.680499	14.09	1.50	15.59
OP 35	53.156925	-0.677527	15.61	1.50	17.11
OP 36	53.156481	-0.674695	15.53	1.50	17.03
OP 37	53.154294	-0.671744	14.48	1.50	15.98
OP 38	53.159781	-0.688181	16.54	1.50	18.04
OP 39	53.161480	-0.688707	20.00	1.50	21.50
OP 40	53.163268	-0.689458	22.10	1.50	23.60
OP 41	53.165056	-0.690059	23.00	1.50	24.50
OP 42	53.166857	-0.690445	21.02	1.50	22.52
OP 43	53.168458	-0.690488	19.72	1.50	21.22
OP 44	53.170298	-0.690144	16.14	1.50	17.64
OP 45	53.172156	-0.689672	14.66	1.50	16.16
OP 46	53.173680	-0.689340	13.00	1.50	14.50
OP 47	53.174491	-0.686840	13.00	1.50	14.50
OP 48	53.175610	-0.684855	14.00	1.50	15.50
OP 49	53.176838	-0.682602	16.39	1.50	17.89
OP 50	53.178002	-0.684490	16.00	1.50	17.50
OP 51	53.179680	-0.685563	15.52	1.50	17.02
OP 52	53.181249	-0.685939	14.00	1.50	15.50
OP 53	53.179513	-0.684029	15.27	1.50	16.77
OP 54	53.180747	-0.681572	17.05	1.50	18.55
OP 55	53.181763	-0.679501	15.67	1.50	17.17
OP 56	53.183261	-0.677441	15.26	1.50	16.76
OP 57	53.184663	-0.675843	14.00	1.50	15.50
OP 58	53.167725	-0.692633	19.49	1.50	20.99
OP 59	53.167416	-0.695509	16.36	1.50	17.86
OP 60	53.184142	-0.638013	15.35	1.50	16.85
OP 61	53.183814	-0.635148	15.93	1.50	17.43
OP 62	53.183448	-0.632091	14.54	1.50	16.04
OP 63	53.183145	-0.629290	14.80	1.50	16.30

OP 64	53.180336	-0.648763	25.23	1.50	26.73
OP 65	53.180207	-0.646274	26.50	1.50	28.00
OP 66	53.180014	-0.643356	25.36	1.50	26.86
OP 67	53.179506	-0.640084	23.90	1.50	25.40
OP 68	53.179159	-0.637498	21.36	1.50	22.86
OP 69	53.179056	-0.634365	17.06	1.50	18.56
OP 70	53.178330	-0.631586	14.95	1.50	16.45
OP 71	53.177609	-0.629054	12.58	1.50	14.08
OP 72	53.176941	-0.626651	10.26	1.50	11.76
OP 73	53.178793	-0.644643	25.93	1.50	27.43
OP 74	53.182792	-0.638968	14.54	1.50	16.04
OP 75	53.181377	-0.639837	16.21	1.50	17.71
OP 76	53.174947	-0.641832	13.97	1.50	15.47
OP 77	53.176793	-0.642015	20.35	1.50	21.85
OP 78	53.178600	-0.641639	27.72	1.50	29.22
OP 79	53.173134	-0.642197	15.83	1.50	17.33
OP 80	53.171481	-0.642744	15.23	1.50	16.73

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
PV array 1	45.0	180.0	62,482	10,853	-	-
PV array 10	45.0	180.0	0	0	-	-
PV array 11	45.0	180.0	0	0	-	-
PV array 12	45.0	180.0	0	0	-	-
PV array 13	45.0	180.0	0	0	-	-
PV array 14	45.0	180.0	0	0	-	-
PV array 15	45.0	180.0	0	0	-	-
PV array 2	45.0	180.0	79,101	9,242	-	-
PV array 3	45.0	180.0	36,969	23,590	-	-
PV array 4	45.0	180.0	47,731	35,693	-	-
PV array 5	45.0	180.0	57,306	13,913	-	-
PV array 6	45.0	180.0	59,024	3,577	-	-
PV array 7	45.0	180.0	55,164	5,580	-	-
PV array 8	45.0	180.0	0	0	-	-
PV array 9	45.0	180.0	0	0	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
pv-array-1 (green)	0	0	305	1042	1593	1614	1648	1249	550	0	0	0
pv-array-1 (yellow)	0	0	91	401	7	0	0	271	231	0	0	0
pv-array-2 (green)	0	0	349	841	1351	1484	1473	972	553	0	0	0
pv-array-2 (yellow)	0	0	13	323	157	0	47	393	46	0	0	0
pv-array-3 (green)	0	0	308	1194	1621	2103	1802	1382	578	0	0	0
pv-array-3 (yellow)	0	0	0	167	387	335	377	274	5	0	0	0
pv-array-4 (green)	0	0	106	746	1057	1237	1120	869	289	0	0	0
pv-array-4 (yellow)	0	0	5	825	1360	1261	1366	1105	128	0	0	0
pv-array-5 (green)	0	0	403	817	1533	1941	1702	997	638	0	0	0
pv-array-5 (yellow)	0	0	57	574	81	0	1	473	236	0	0	0
pv-array-6 (green)	0	0	266	1142	1331	1271	1337	1221	555	0	0	0
pv-array-6 (yellow)	0	0	0	71	12	0	0	78	13	0	0	0
pv-array-7 (green)	0	0	209	866	1238	1203	1256	1019	423	0	0	0
pv-array-7 (yellow)	0	0	110	331	32	0	0	239	224	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

PV array 1 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0

OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	308	0
OP: OP 9	2100	0
OP: OP 10	2974	0
OP: OP 11	3417	0
OP: OP 12	3027	631
OP: OP 13	2647	1163
OP: OP 14	2571	960
OP: OP 15	1517	696
OP: OP 16	1292	272
OP: OP 17	1172	0
OP: OP 18	870	0
OP: OP 19	576	0
OP: OP 20	363	0
OP: OP 21	173	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	2600	0
OP: OP 31	2121	0
OP: OP 32	852	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	2752	0
OP: OP 39	3829	0
OP: OP 40	4521	90
OP: OP 41	3746	1326
OP: OP 42	3248	1561
OP: OP 43	3314	1309
OP: OP 44	3773	508
OP: OP 45	1688	91
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0

OP: OP 57	0	0
OP: OP 58	3247	1249
OP: OP 59	3297	997
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	61	0
OP: OP 80	426	0

PV array 1: OP 1

No glare found

PV array 1: OP 2

No glare found

PV array 1: OP 3

No glare found

PV array 1: OP 4

No glare found

PV array 1: OP 5

No glare found

PV array 1: OP 6

No glare found

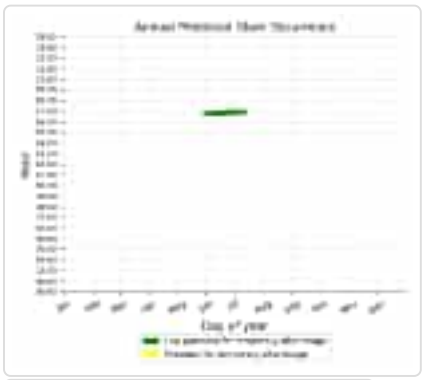
PV array 1: OP 7

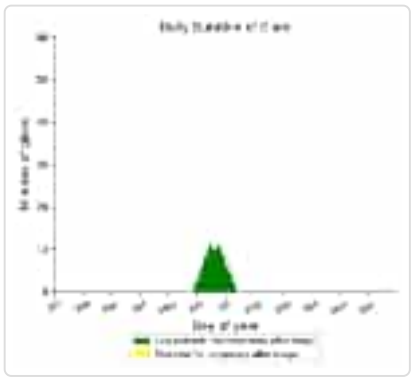
No glare found

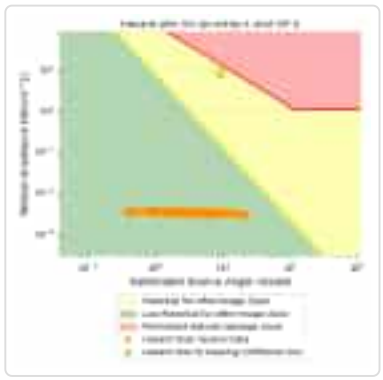
PV array 1: OP 8

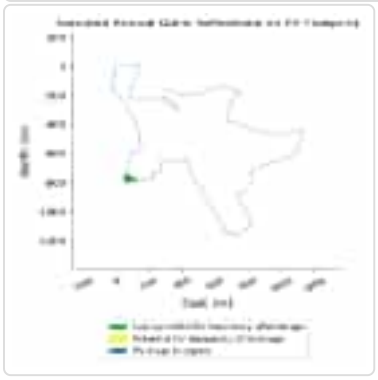
PV array is expected to produce the following glare for this receptor:

- 308 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





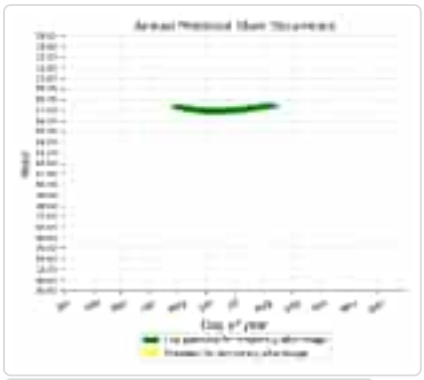


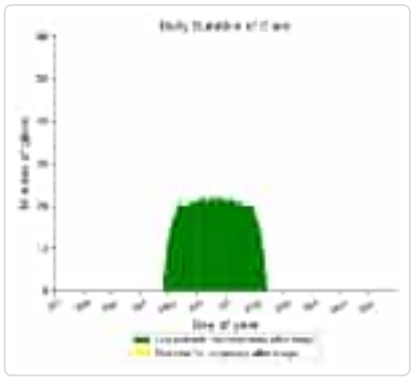


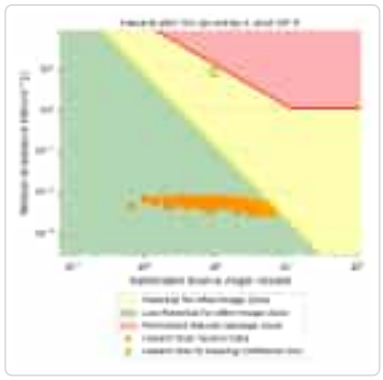
PV array 1: OP 9

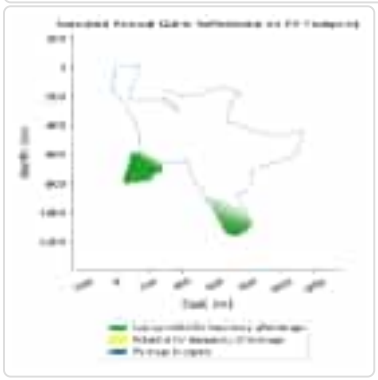
PV array is expected to produce the following glare for this receptor:

- 2,100 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





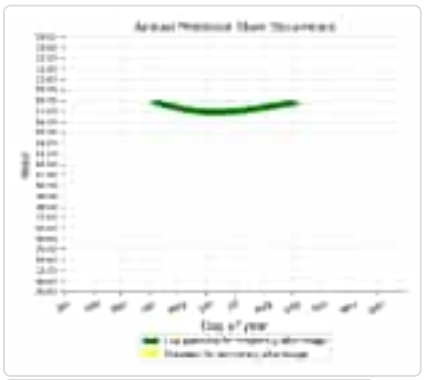


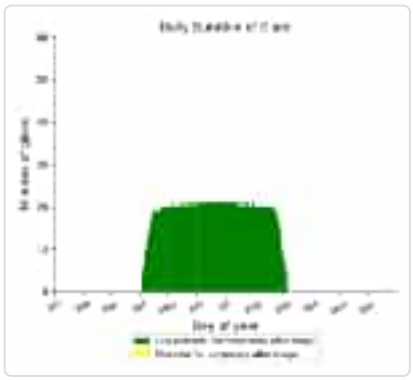


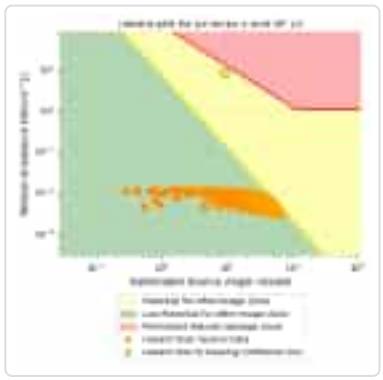
PV array 1: OP 10

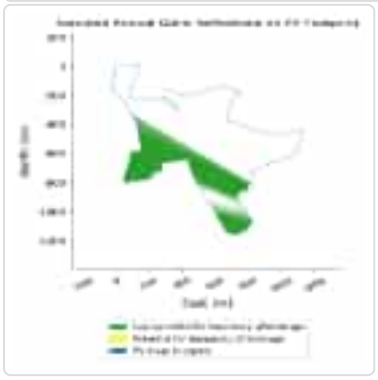
PV array is expected to produce the following glare for this receptor:

- 2,974 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





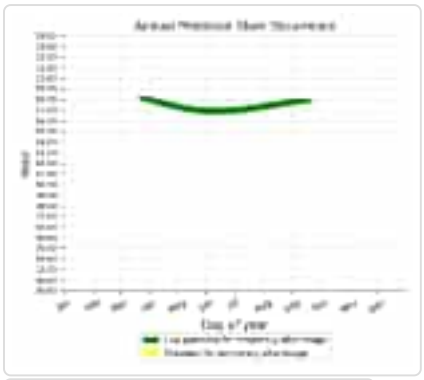


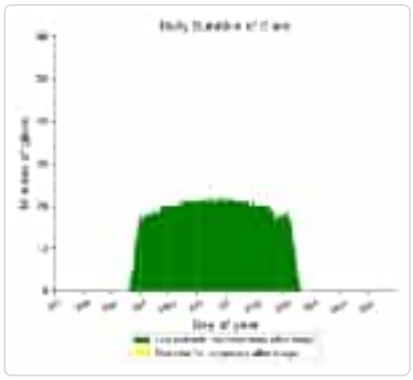


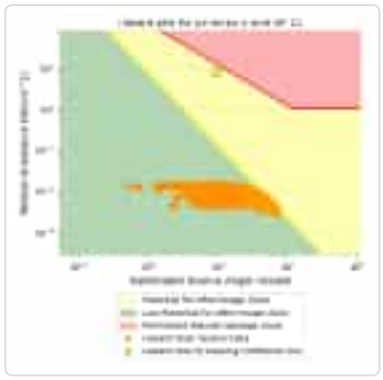
PV array 1: OP 11

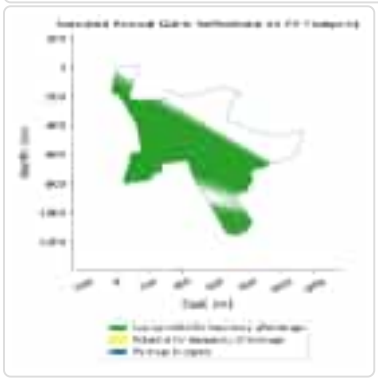
PV array is expected to produce the following glare for this receptor:

- 3,417 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





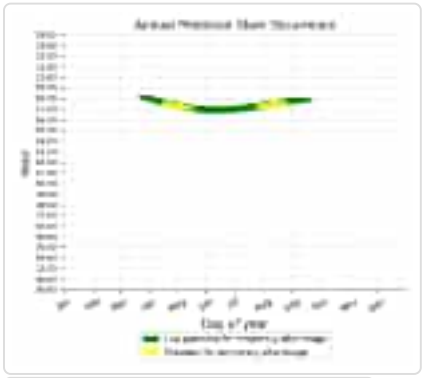


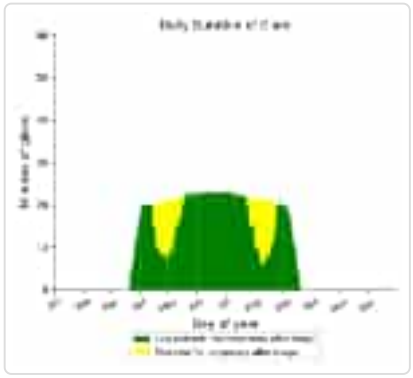


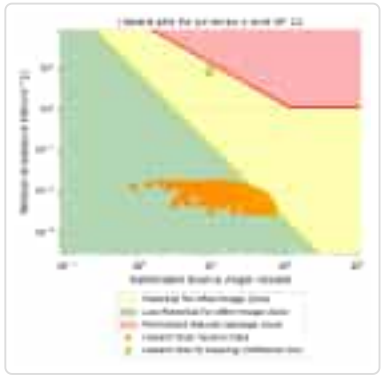
PV array 1: OP 12

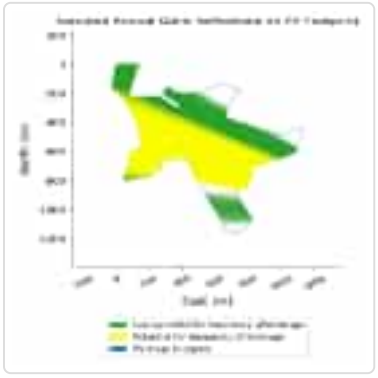
PV array is expected to produce the following glare for this receptor:

- 3,027 minutes of "green" glare with low potential to cause temporary after-image.
- 631 minutes of "yellow" glare with potential to cause temporary after-image.





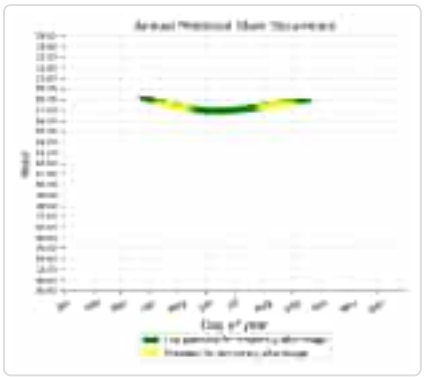


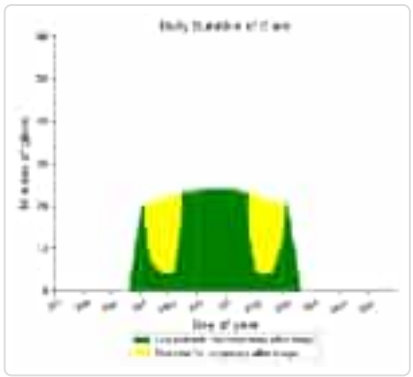


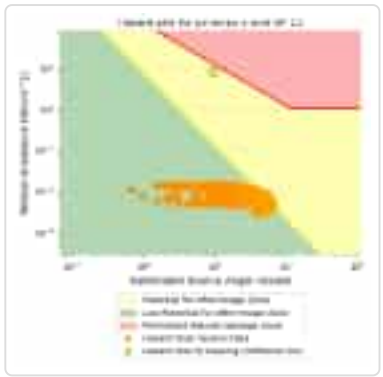
PV array 1: OP 13

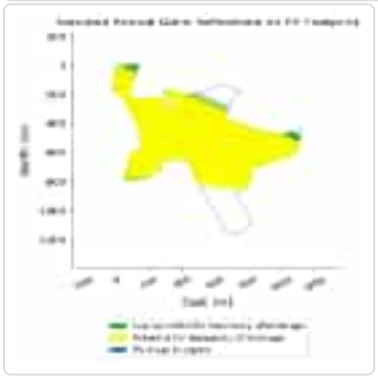
PV array is expected to produce the following glare for this receptor:

- 2,647 minutes of "green" glare with low potential to cause temporary after-image.
- 1,163 minutes of "yellow" glare with potential to cause temporary after-image.





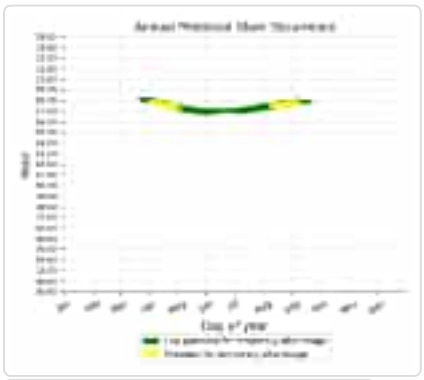


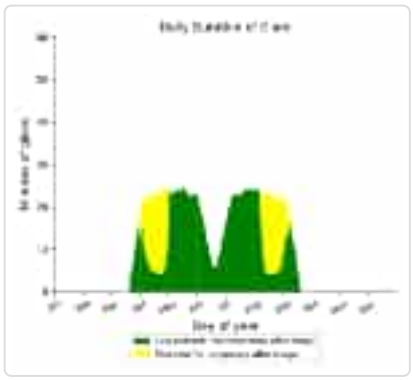


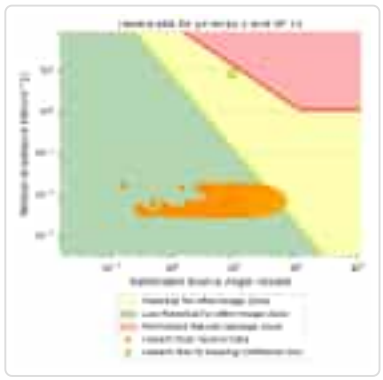
PV array 1: OP 14

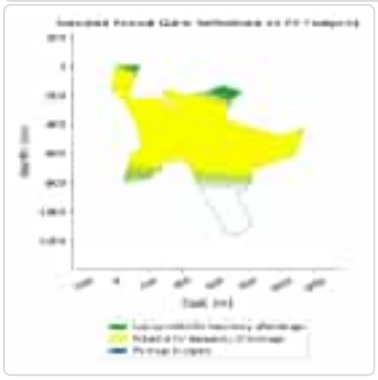
PV array is expected to produce the following glare for this receptor:

- 2,571 minutes of "green" glare with low potential to cause temporary after-image.
- 960 minutes of "yellow" glare with potential to cause temporary after-image.





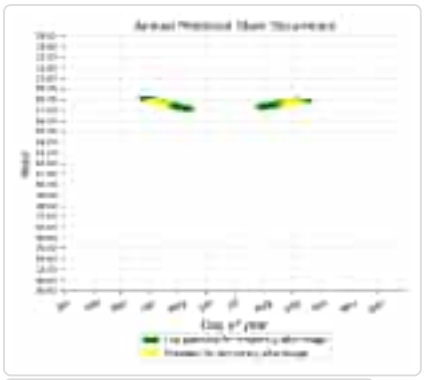


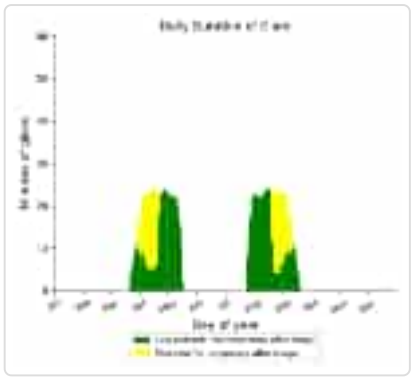


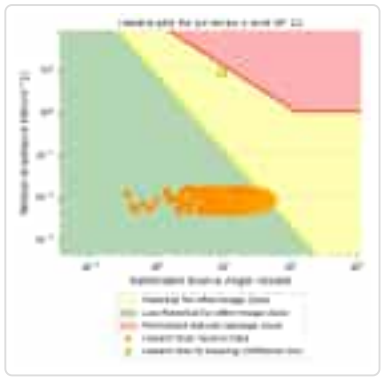
PV array 1: OP 15

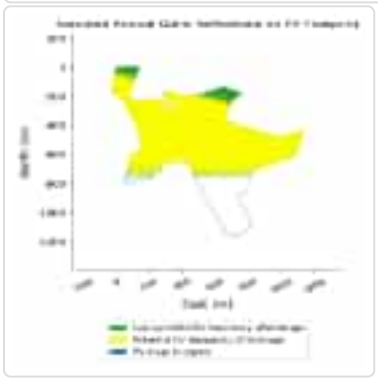
PV array is expected to produce the following glare for this receptor:

- 1,517 minutes of "green" glare with low potential to cause temporary after-image.
- 696 minutes of "yellow" glare with potential to cause temporary after-image.





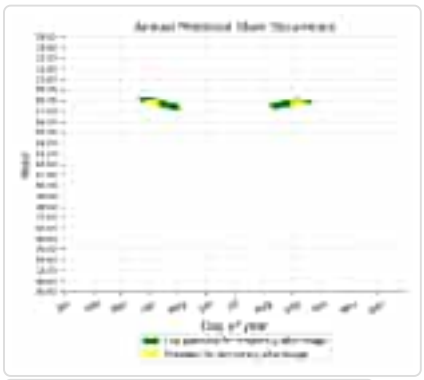


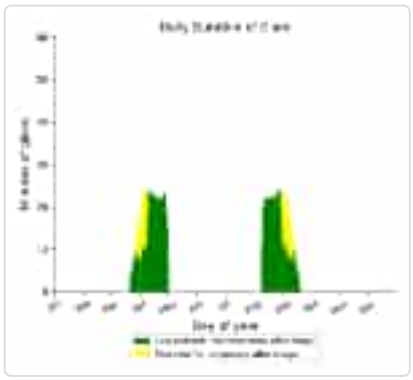


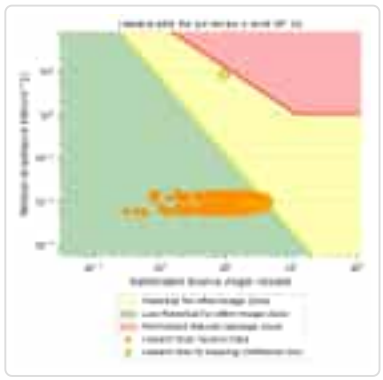
PV array 1: OP 16

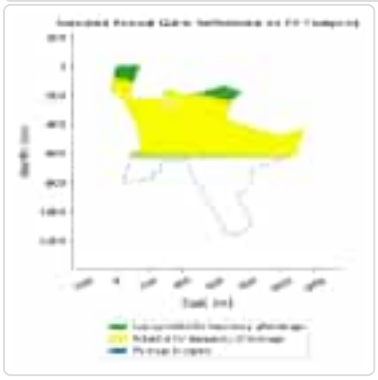
PV array is expected to produce the following glare for this receptor:

- 1,292 minutes of "green" glare with low potential to cause temporary after-image.
- 272 minutes of "yellow" glare with potential to cause temporary after-image.





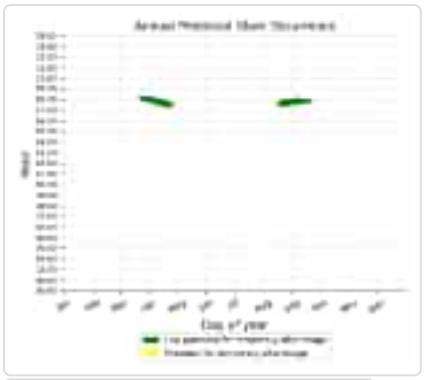


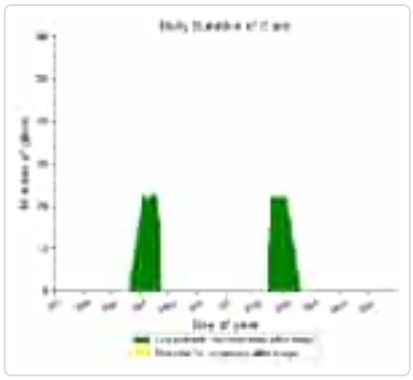


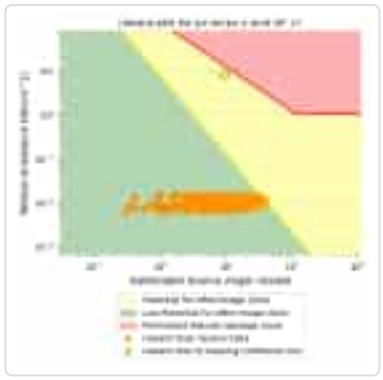
PV array 1: OP 17

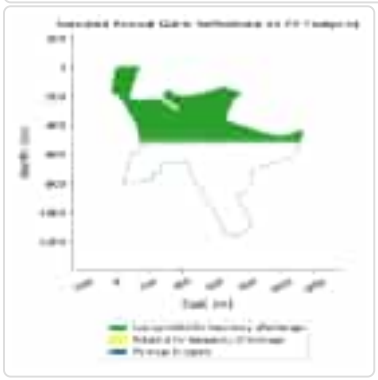
PV array is expected to produce the following glare for this receptor:

- 1,172 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





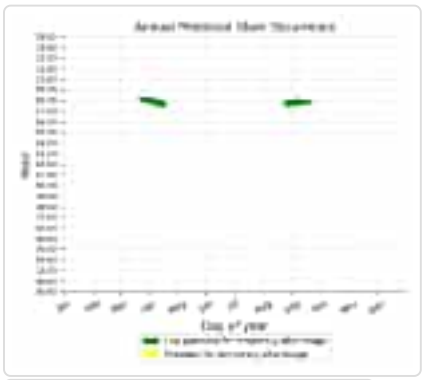


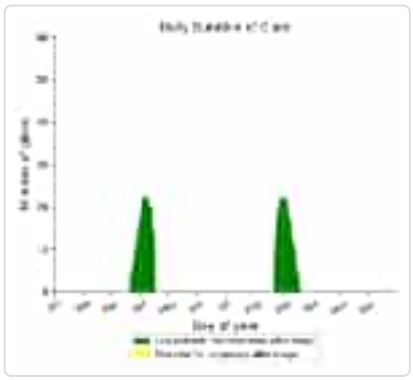


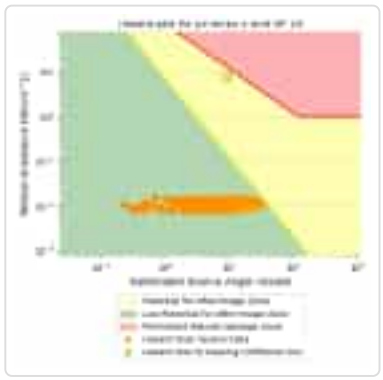
PV array 1: OP 18

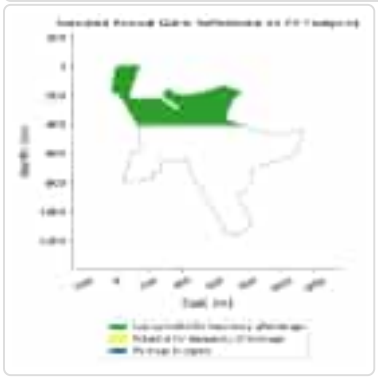
PV array is expected to produce the following glare for this receptor:

- 870 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





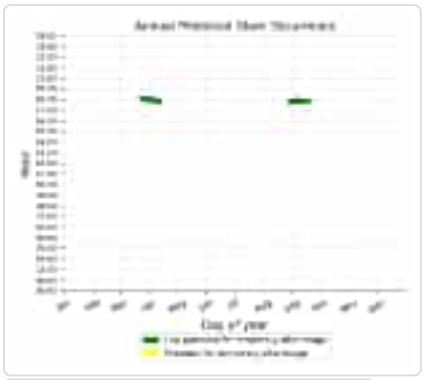


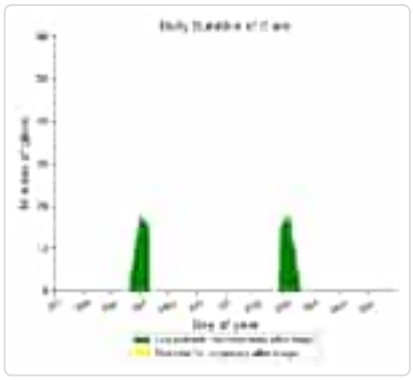


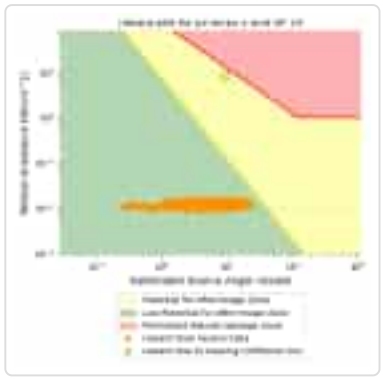
PV array 1: OP 19

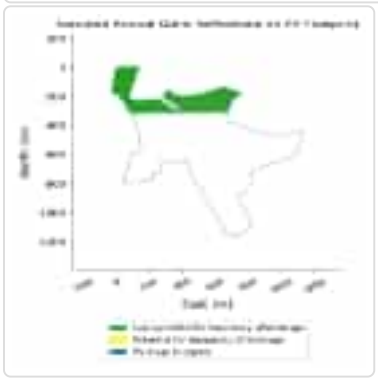
PV array is expected to produce the following glare for this receptor:

- 576 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





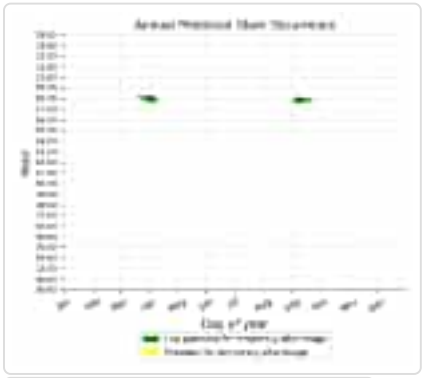


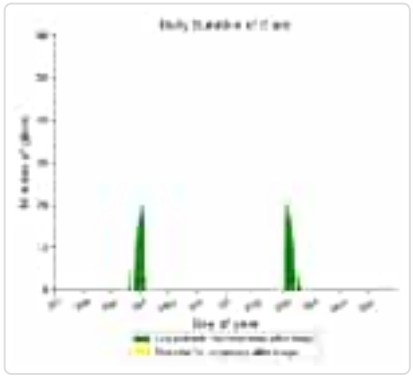


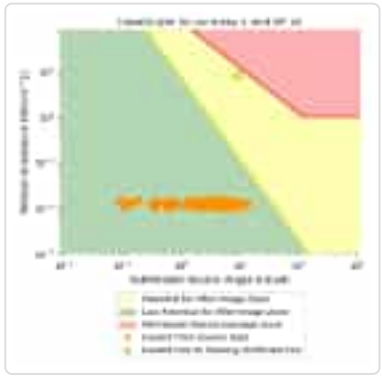
PV array 1: OP 20

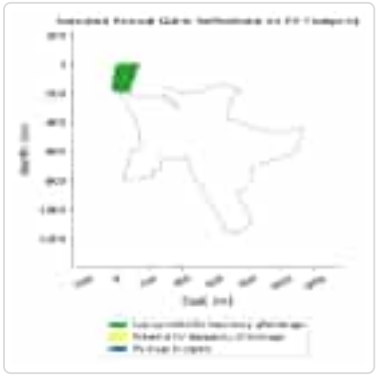
PV array is expected to produce the following glare for this receptor:

- 363 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





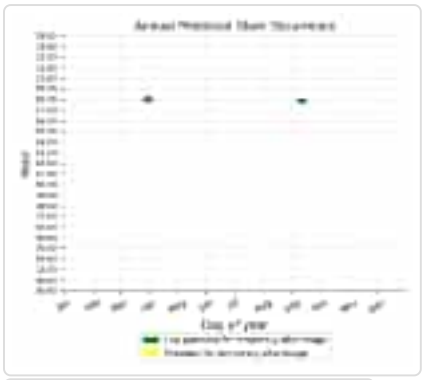


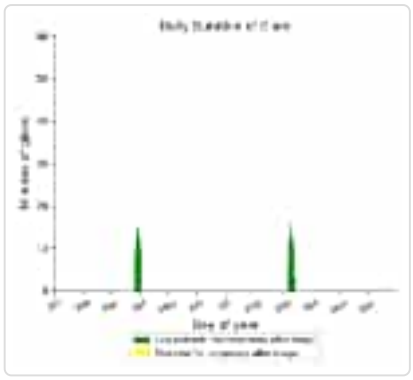


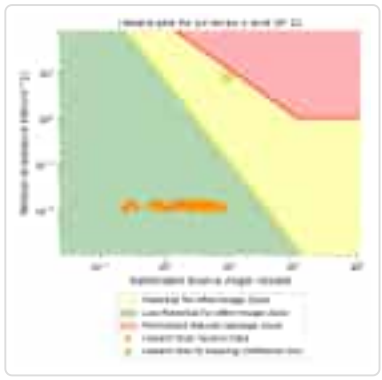
PV array 1: OP 21

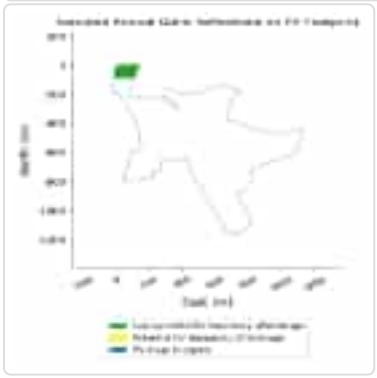
PV array is expected to produce the following glare for this receptor:

- 173 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 22

No glare found

PV array 1: OP 23

No glare found

PV array 1: OP 24

No glare found

PV array 1: OP 25

No glare found

PV array 1: OP 26

No glare found

PV array 1: OP 27

No glare found

PV array 1: OP 28

No glare found

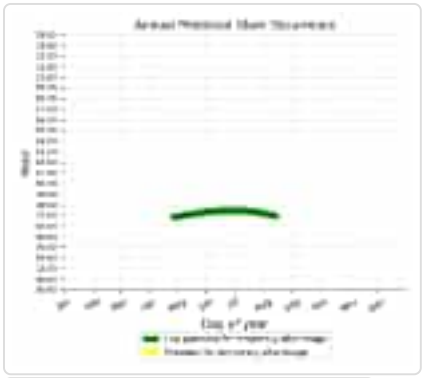
PV array 1: OP 29

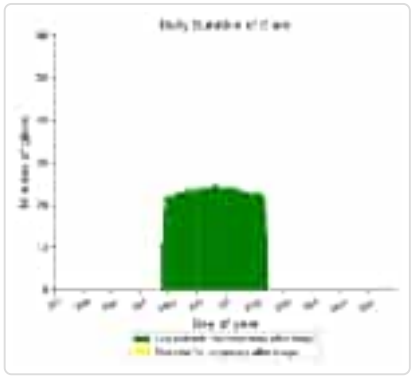
No glare found

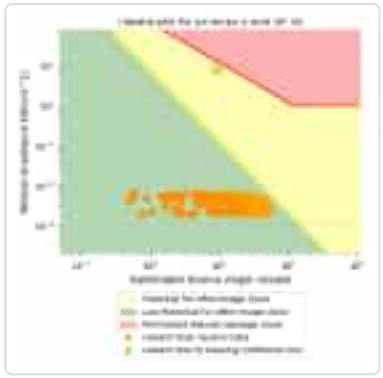
PV array 1: OP 30

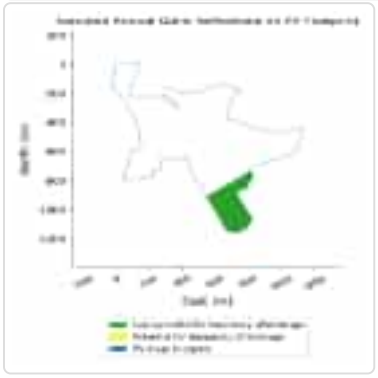
PV array is expected to produce the following glare for this receptor:

- 2,600 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





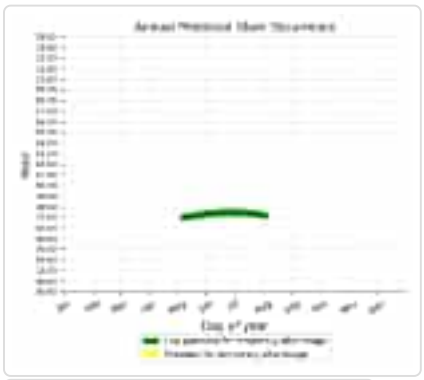
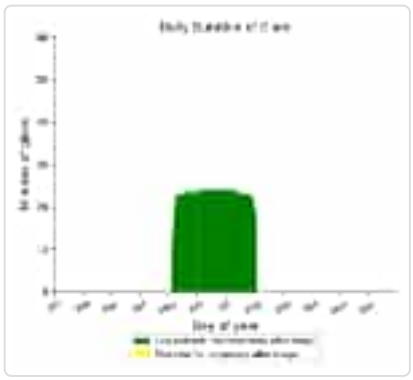
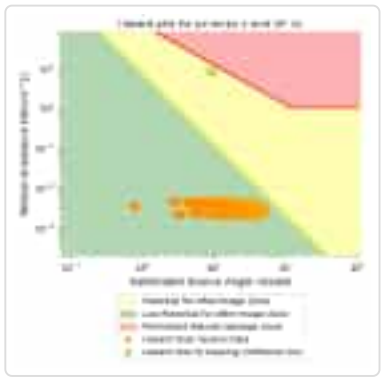
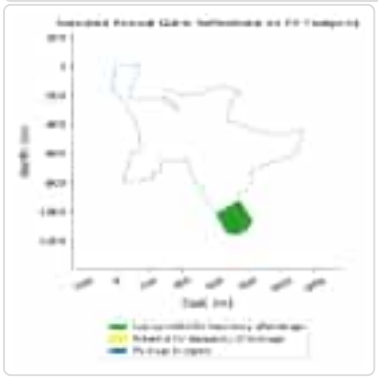




PV array 1: OP 31

PV array is expected to produce the following glare for this receptor:

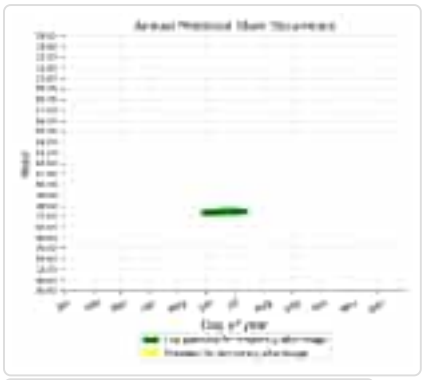
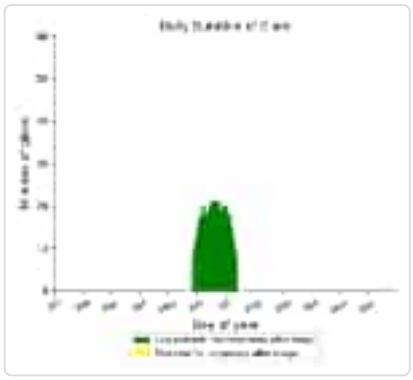
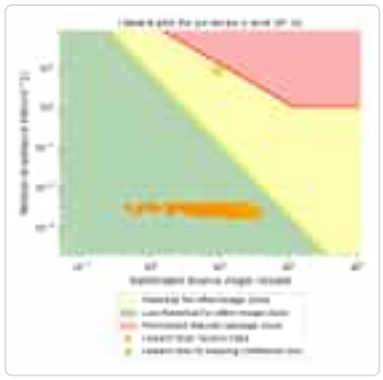
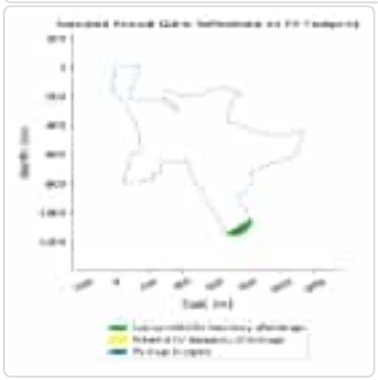
- 2,121 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 1: OP 32

PV array is expected to produce the following glare for this receptor:

- 852 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 1: OP 33

No glare found

PV array 1: OP 34

No glare found

PV array 1: OP 35

No glare found

PV array 1: OP 36

No glare found

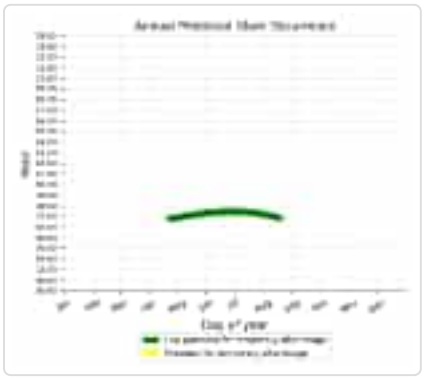
PV array 1: OP 37

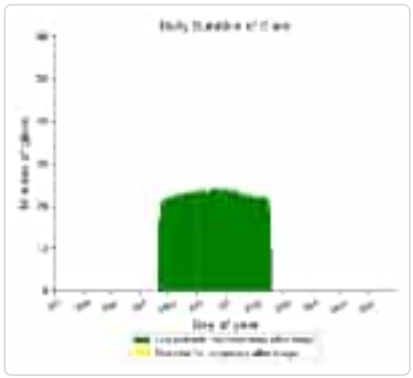
No glare found

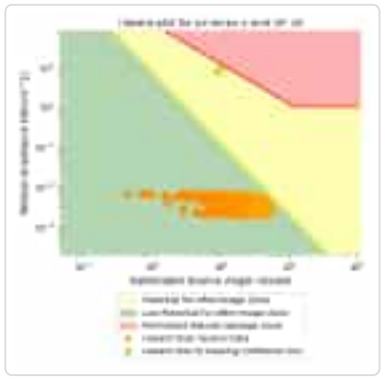
PV array 1: OP 38

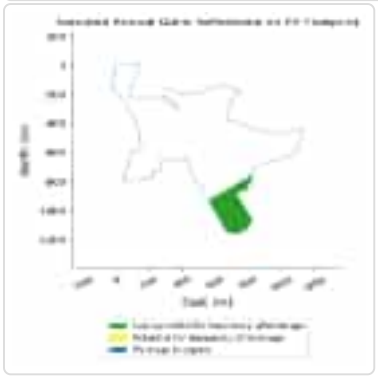
PV array is expected to produce the following glare for this receptor:

- 2,752 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





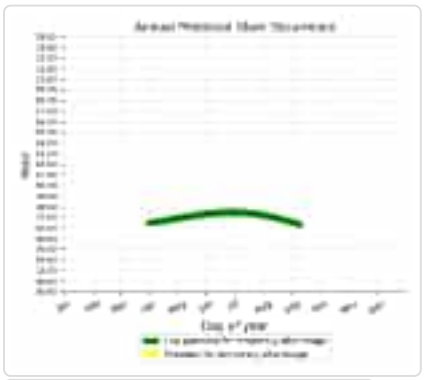


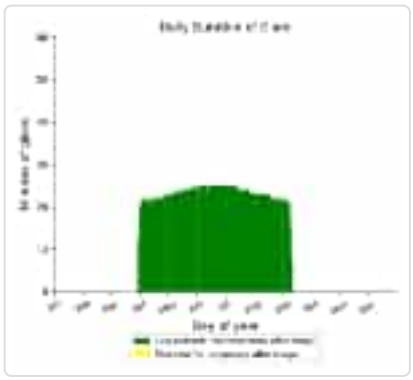


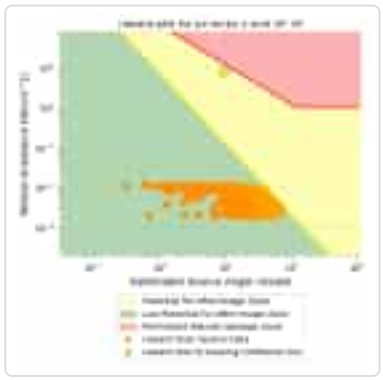
PV array 1: OP 39

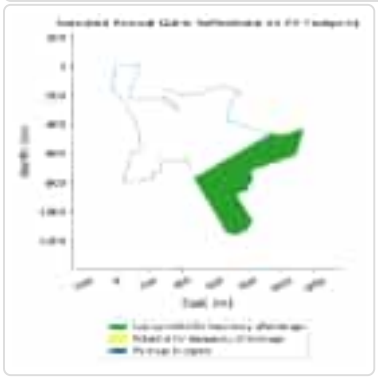
PV array is expected to produce the following glare for this receptor:

- 3,829 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





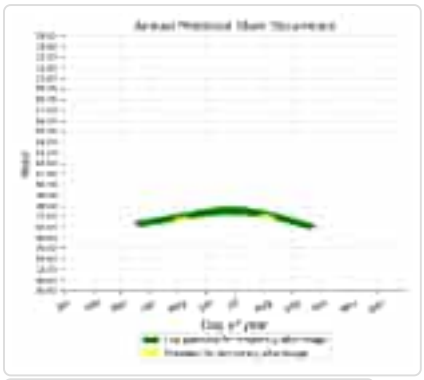


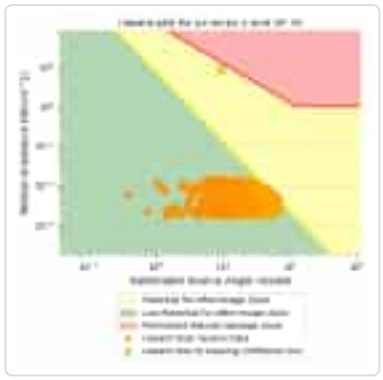


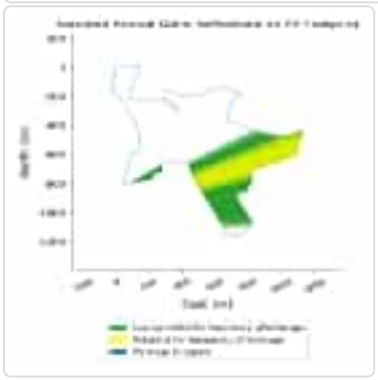
PV array 1: OP 40

PV array is expected to produce the following glare for this receptor:

- 4,521 minutes of "green" glare with low potential to cause temporary after-image.
- 90 minutes of "yellow" glare with potential to cause temporary after-image.



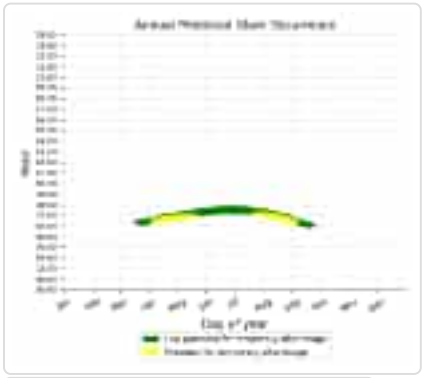


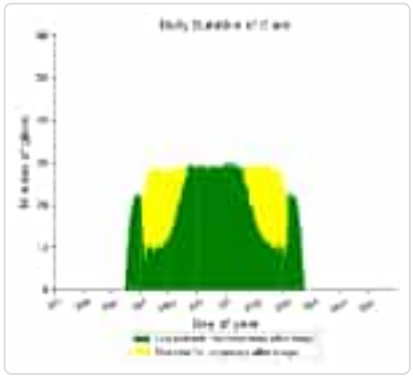


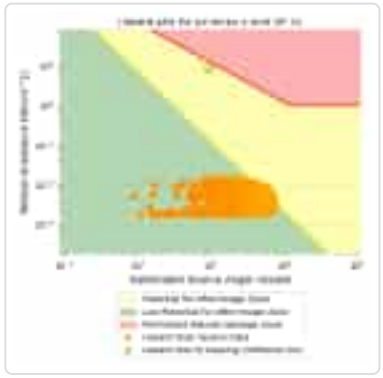
PV array 1: OP 41

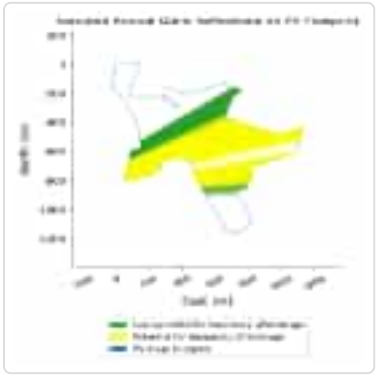
PV array is expected to produce the following glare for this receptor:

- 3,746 minutes of "green" glare with low potential to cause temporary after-image.
- 1,326 minutes of "yellow" glare with potential to cause temporary after-image.





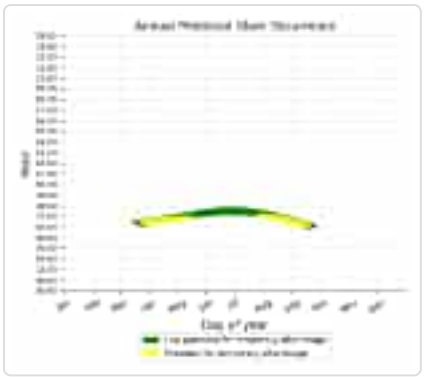


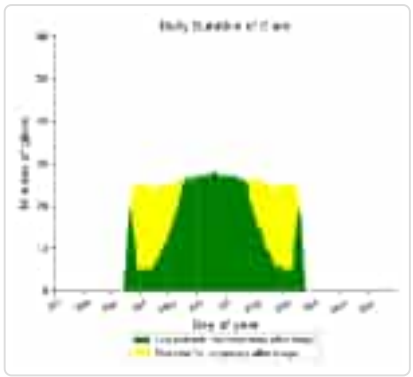


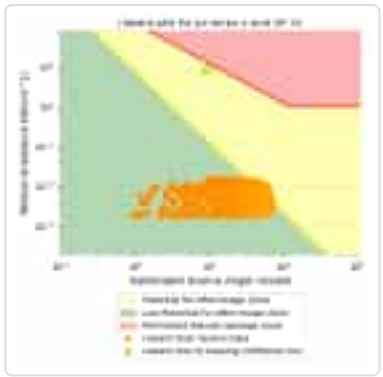
PV array 1: OP 42

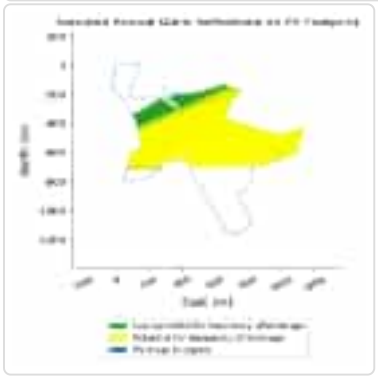
PV array is expected to produce the following glare for this receptor:

- 3,248 minutes of "green" glare with low potential to cause temporary after-image.
- 1,561 minutes of "yellow" glare with potential to cause temporary after-image.





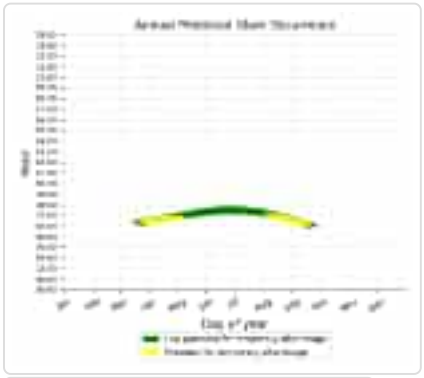


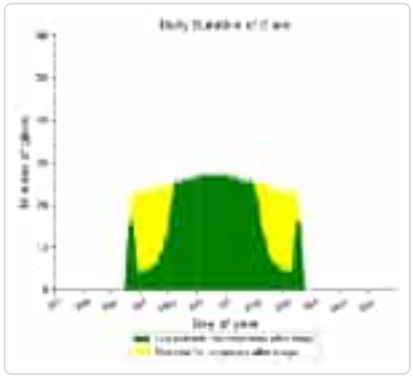


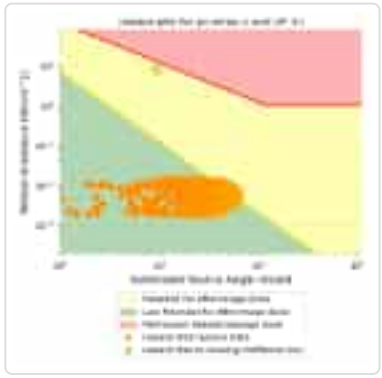
PV array 1: OP 43

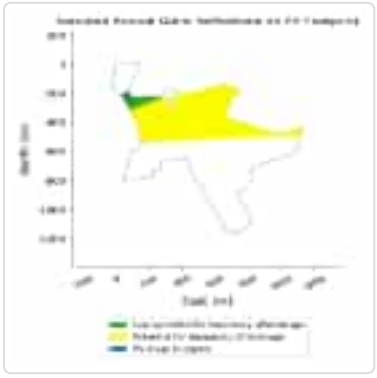
PV array is expected to produce the following glare for this receptor:

- 3,314 minutes of "green" glare with low potential to cause temporary after-image.
- 1,309 minutes of "yellow" glare with potential to cause temporary after-image.





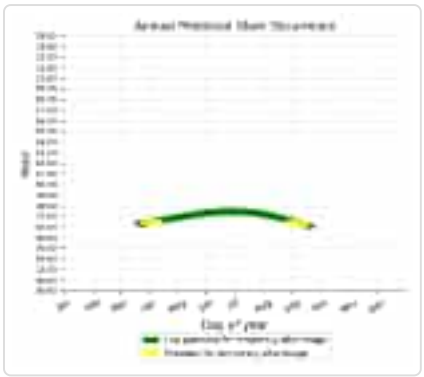


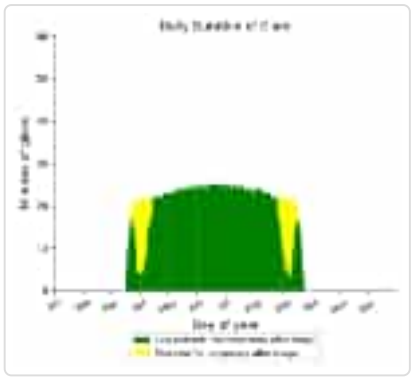


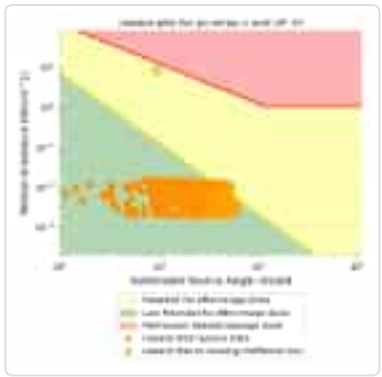
PV array 1: OP 44

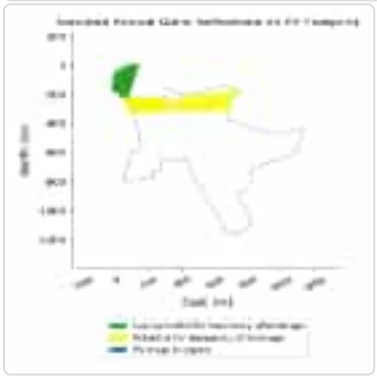
PV array is expected to produce the following glare for this receptor:

- 3,773 minutes of "green" glare with low potential to cause temporary after-image.
- 508 minutes of "yellow" glare with potential to cause temporary after-image.





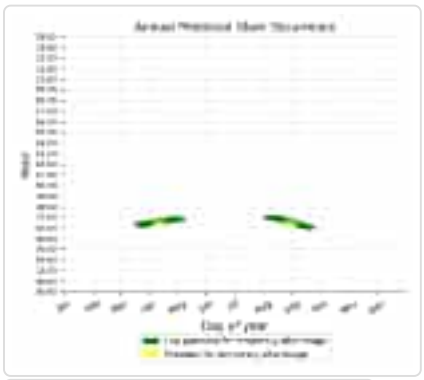


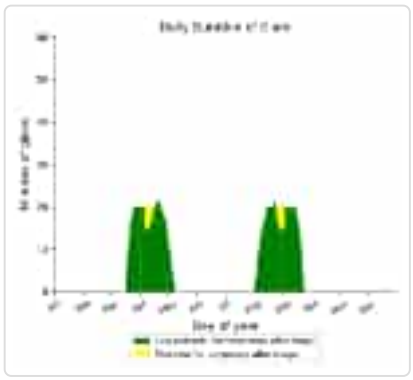


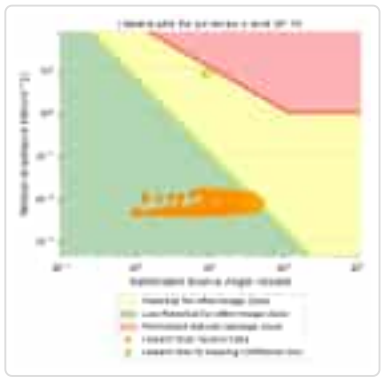
PV array 1: OP 45

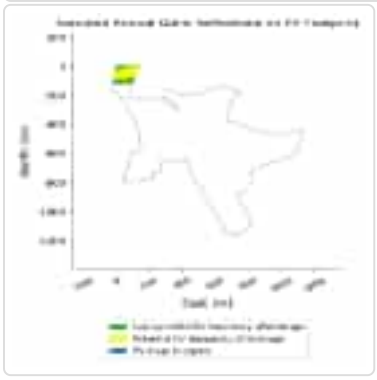
PV array is expected to produce the following glare for this receptor:

- 1,688 minutes of "green" glare with low potential to cause temporary after-image.
- 91 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 46

No glare found

PV array 1: OP 47

No glare found

PV array 1: OP 48

No glare found

PV array 1: OP 49

No glare found

PV array 1: OP 50

No glare found

PV array 1: OP 51

No glare found

PV array 1: OP 52

No glare found

PV array 1: OP 53

No glare found

PV array 1: OP 54

No glare found

PV array 1: OP 55

No glare found

PV array 1: OP 56

No glare found

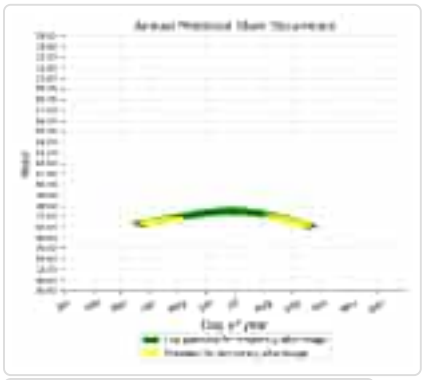
PV array 1: OP 57

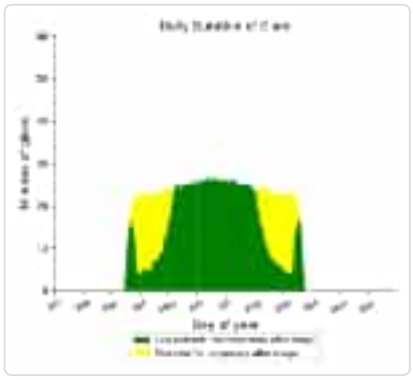
No glare found

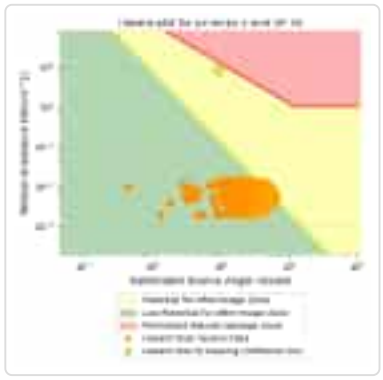
PV array 1: OP 58

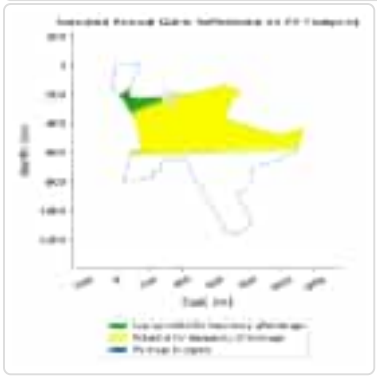
PV array is expected to produce the following glare for this receptor:

- 3,247 minutes of "green" glare with low potential to cause temporary after-image.
- 1,249 minutes of "yellow" glare with potential to cause temporary after-image.





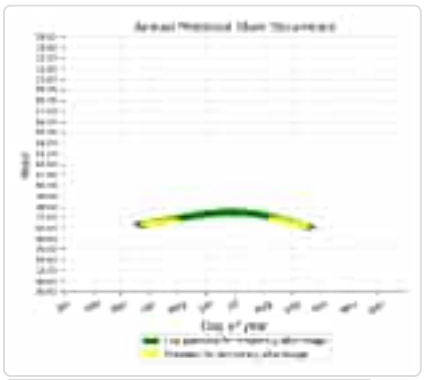


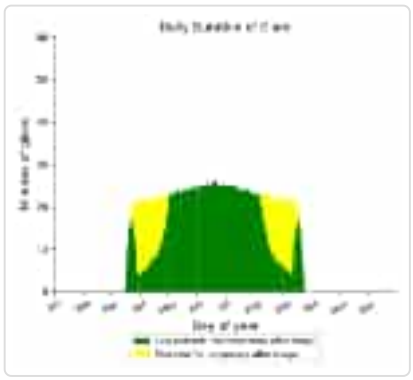


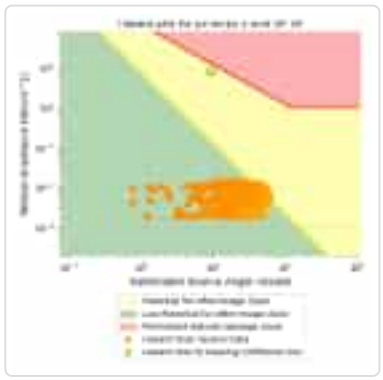
PV array 1: OP 59

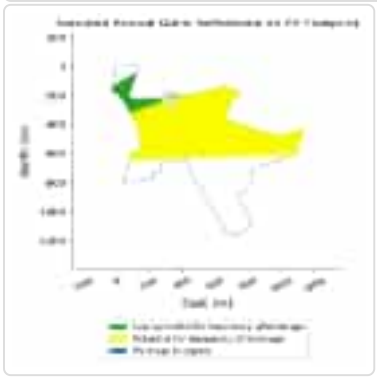
PV array is expected to produce the following glare for this receptor:

- 3,297 minutes of "green" glare with low potential to cause temporary after-image.
- 997 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 60

No glare found

PV array 1: OP 61

No glare found

PV array 1: OP 62

No glare found

PV array 1: OP 63

No glare found

PV array 1: OP 64

No glare found

PV array 1: OP 65

No glare found

PV array 1: OP 66

No glare found

PV array 1: OP 67

No glare found

PV array 1: OP 68

No glare found

PV array 1: OP 69

No glare found

PV array 1: OP 70

No glare found

PV array 1: OP 71

No glare found

PV array 1: OP 72

No glare found

PV array 1: OP 73

No glare found

PV array 1: OP 74

No glare found

PV array 1: OP 75

No glare found

PV array 1: OP 76

No glare found

PV array 1: OP 77

No glare found

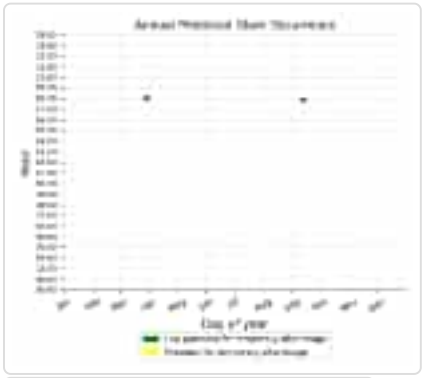
PV array 1: OP 78

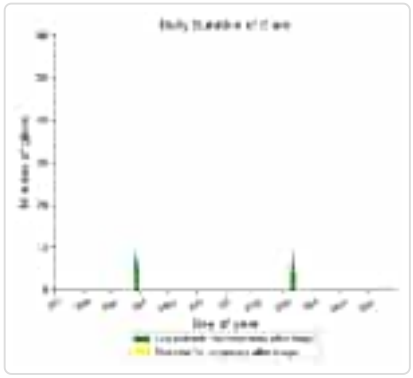
No glare found

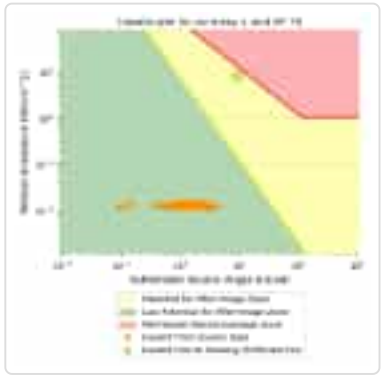
PV array 1: OP 79

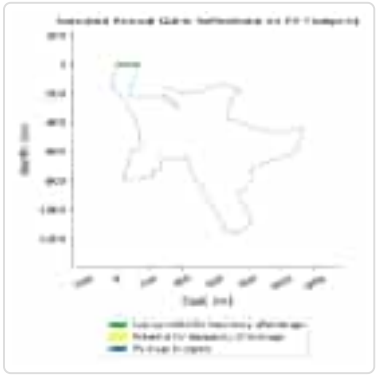
PV array is expected to produce the following glare for this receptor:

- 61 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





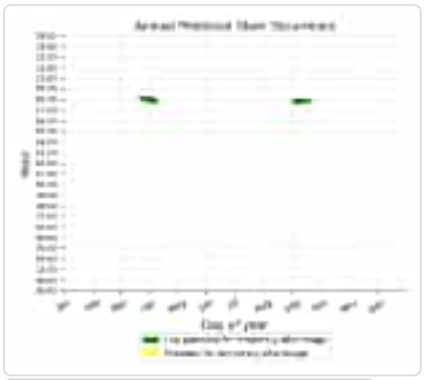


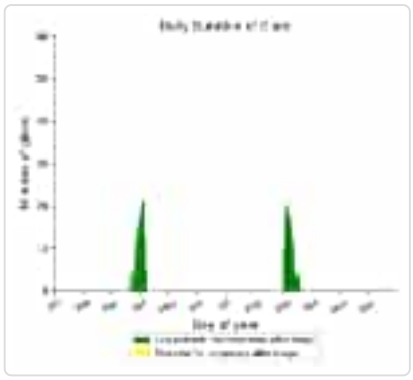


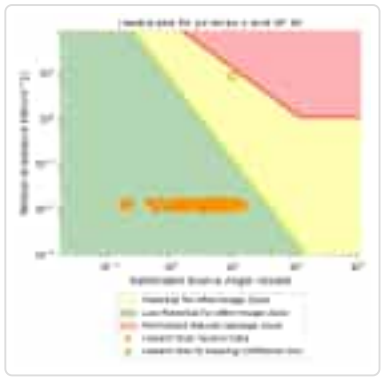
PV array 1: OP 80

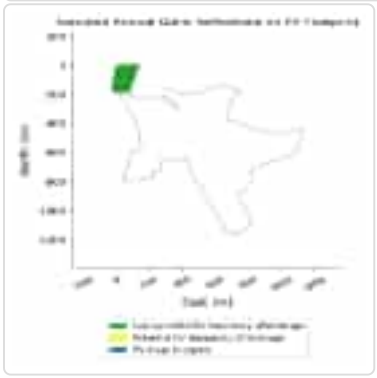
PV array is expected to produce the following glare for this receptor:

- 426 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 11 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 12 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 13 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 14 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 15 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 2 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	2192	0
OP: OP 16	3182	0
OP: OP 17	3785	0
OP: OP 18	4174	53

OP: OP 19	3823	411
OP: OP 20	3701	434
OP: OP 21	2948	722
OP: OP 22	1837	622
OP: OP 23	1447	353
OP: OP 24	1266	15
OP: OP 25	926	0
OP: OP 26	429	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	643	0
OP: OP 30	21	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	881	0
OP: OP 40	1634	0
OP: OP 41	2099	0
OP: OP 42	2902	0
OP: OP 43	3371	0
OP: OP 44	3242	368
OP: OP 45	3061	638
OP: OP 46	2725	678
OP: OP 47	2487	680
OP: OP 48	1921	496
OP: OP 49	1485	216
OP: OP 50	847	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	78	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	3237	0
OP: OP 59	3301	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	81	0
OP: OP 68	240	0
OP: OP 69	210	0
OP: OP 70	559	0
OP: OP 71	730	0
OP: OP 72	846	0

OP: OP 73	801	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	2983	901
OP: OP 77	1633	394
OP: OP 78	802	0
OP: OP 79	3122	1284
OP: OP 80	3449	977

PV array 2: OP 1

No glare found

PV array 2: OP 2

No glare found

PV array 2: OP 3

No glare found

PV array 2: OP 4

No glare found

PV array 2: OP 5

No glare found

PV array 2: OP 6

No glare found

PV array 2: OP 7

No glare found

PV array 2: OP 8

No glare found

PV array 2: OP 9

No glare found

PV array 2: OP 10

No glare found

PV array 2: OP 11

No glare found

PV array 2: OP 12

No glare found

PV array 2: OP 13

No glare found

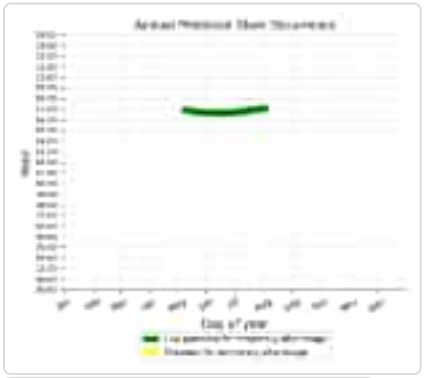
PV array 2: OP 14

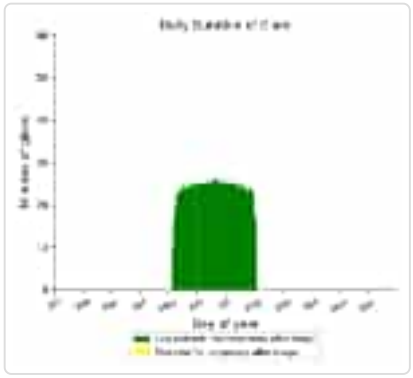
No glare found

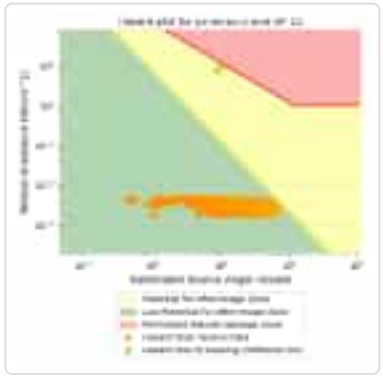
PV array 2: OP 15

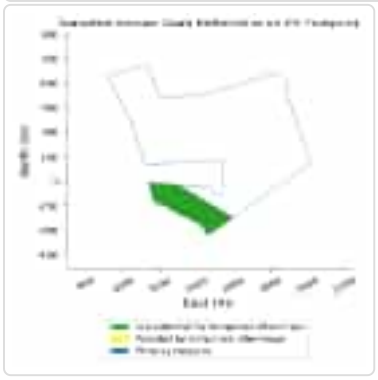
PV array is expected to produce the following glare for this receptor:

- 2,192 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





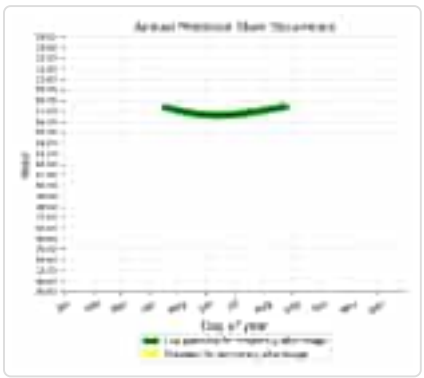


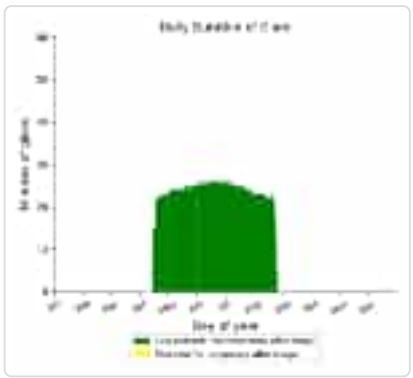


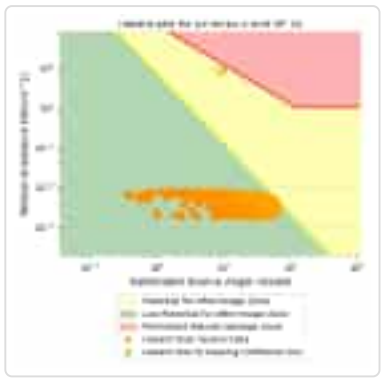
PV array 2: OP 16

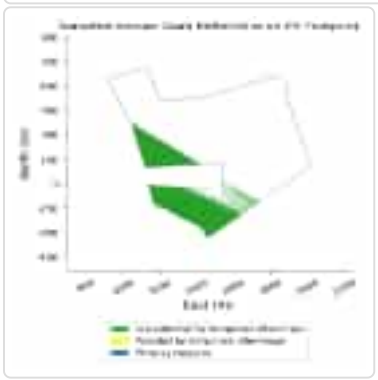
PV array is expected to produce the following glare for this receptor:

- 3,182 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





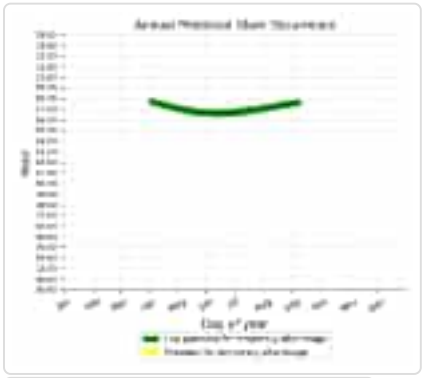


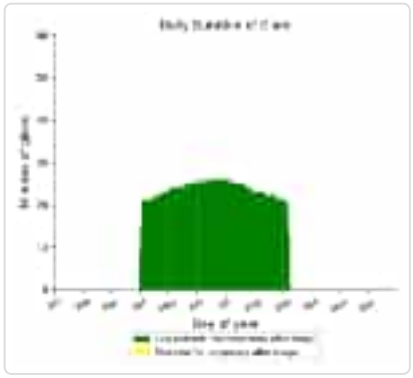


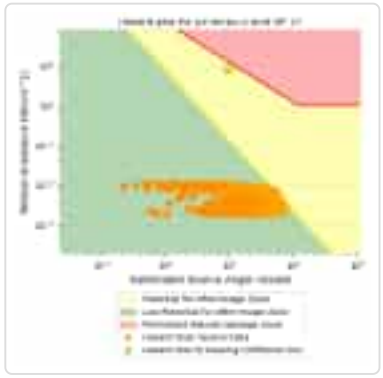
PV array 2: OP 17

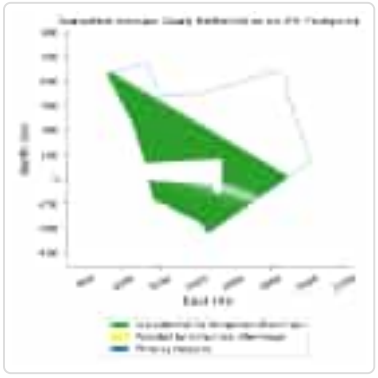
PV array is expected to produce the following glare for this receptor:

- 3,785 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





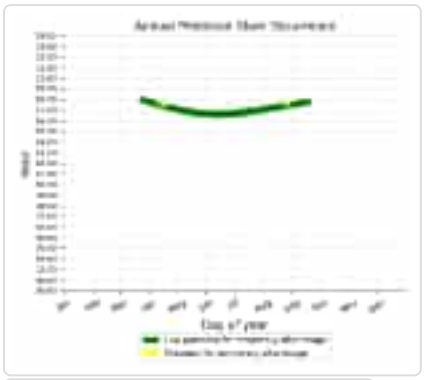


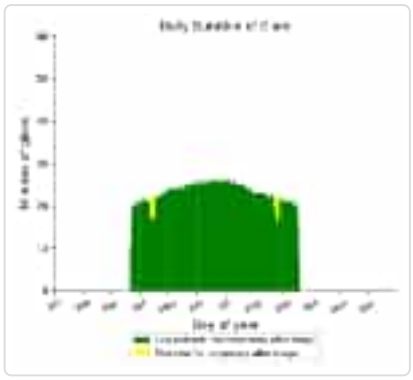


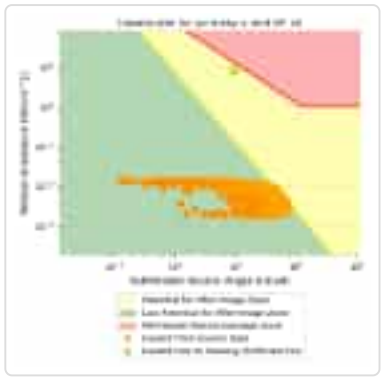
PV array 2: OP 18

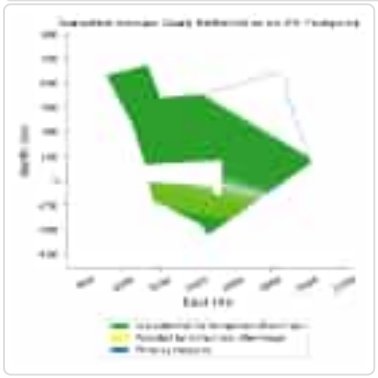
PV array is expected to produce the following glare for this receptor:

- 4,174 minutes of "green" glare with low potential to cause temporary after-image.
- 53 minutes of "yellow" glare with potential to cause temporary after-image.





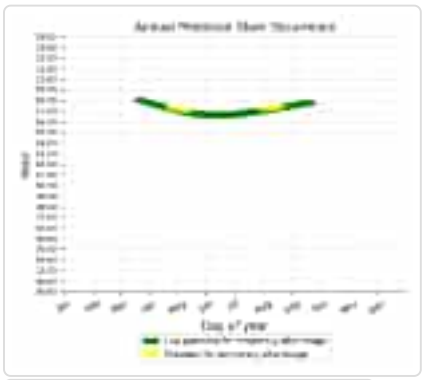


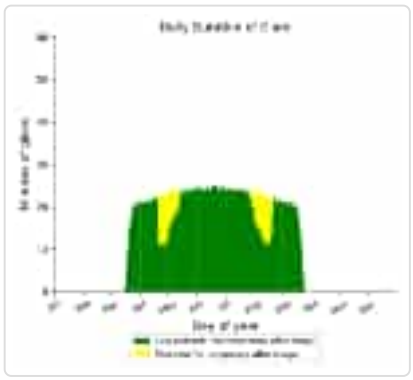


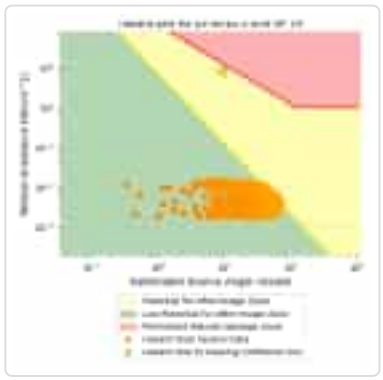
PV array 2: OP 19

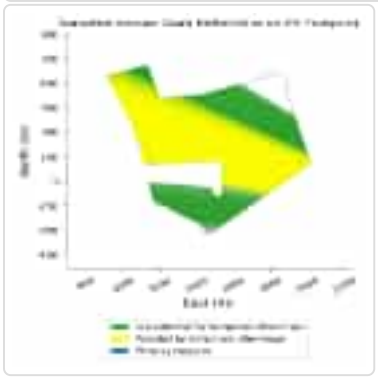
PV array is expected to produce the following glare for this receptor:

- 3,823 minutes of "green" glare with low potential to cause temporary after-image.
- 411 minutes of "yellow" glare with potential to cause temporary after-image.





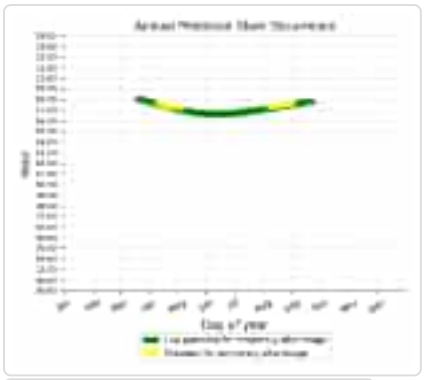


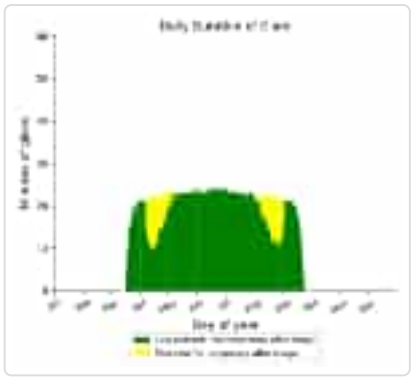


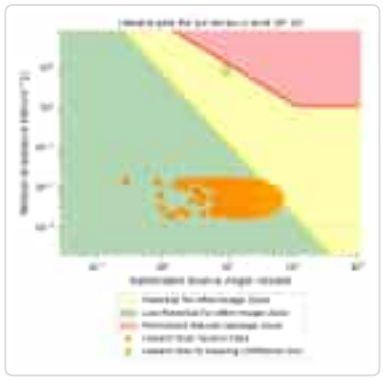
PV array 2: OP 20

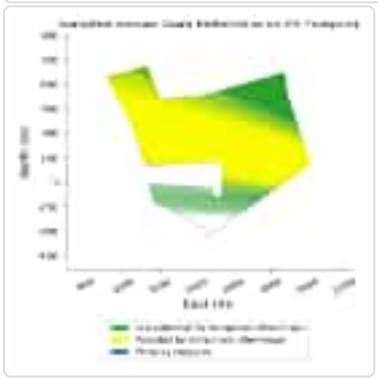
PV array is expected to produce the following glare for this receptor:

- 3,701 minutes of "green" glare with low potential to cause temporary after-image.
- 434 minutes of "yellow" glare with potential to cause temporary after-image.





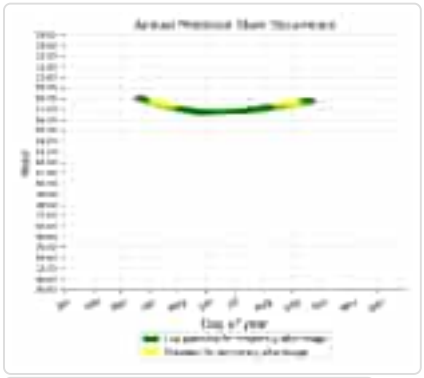


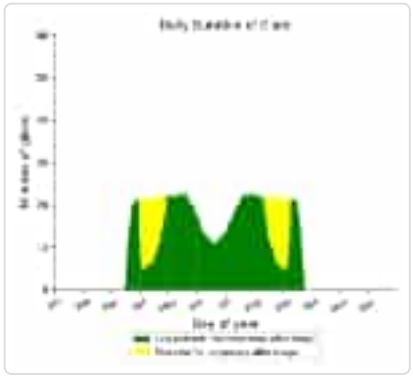


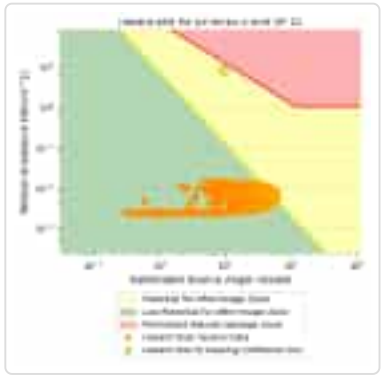
PV array 2: OP 21

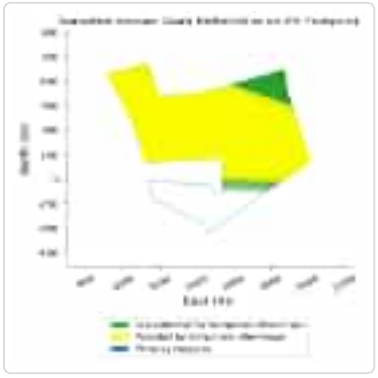
PV array is expected to produce the following glare for this receptor:

- 2,948 minutes of "green" glare with low potential to cause temporary after-image.
- 722 minutes of "yellow" glare with potential to cause temporary after-image.





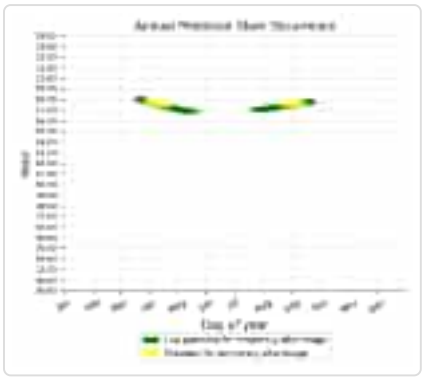


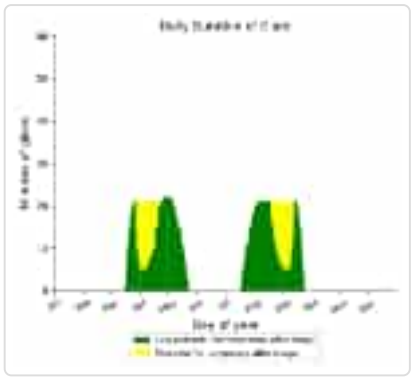


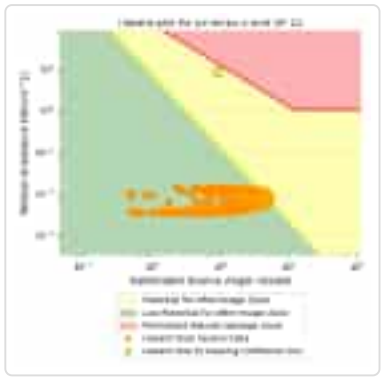
PV array 2: OP 22

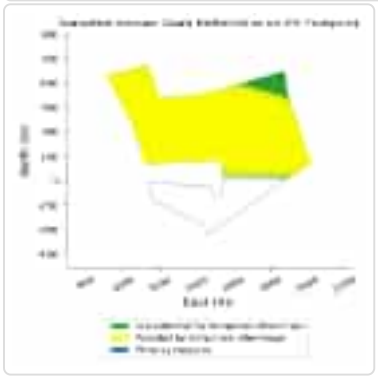
PV array is expected to produce the following glare for this receptor:

- 1,837 minutes of "green" glare with low potential to cause temporary after-image.
- 622 minutes of "yellow" glare with potential to cause temporary after-image.





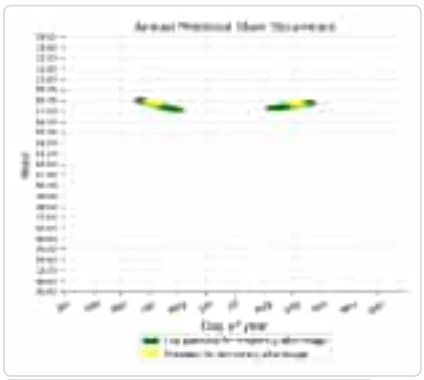


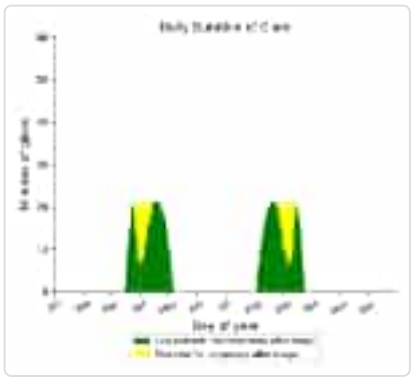


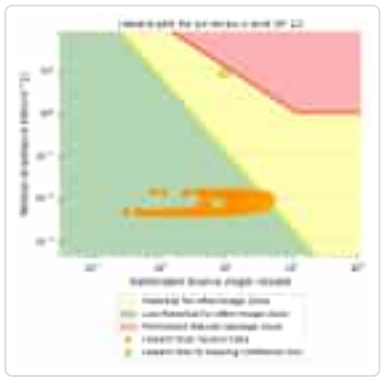
PV array 2: OP 23

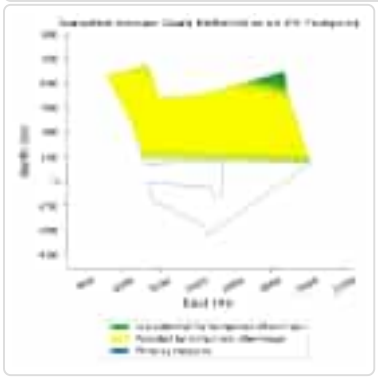
PV array is expected to produce the following glare for this receptor:

- 1,447 minutes of "green" glare with low potential to cause temporary after-image.
- 353 minutes of "yellow" glare with potential to cause temporary after-image.





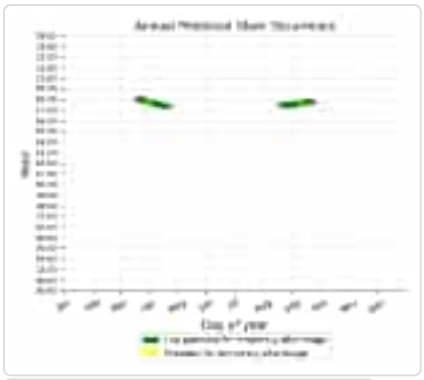


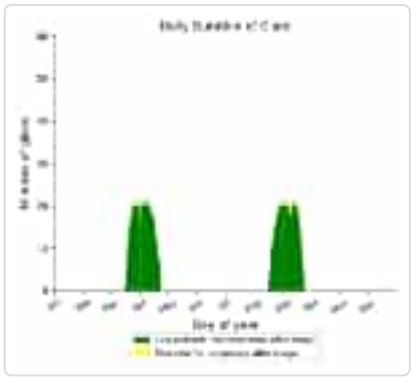


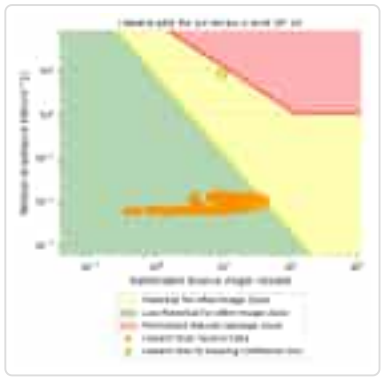
PV array 2: OP 24

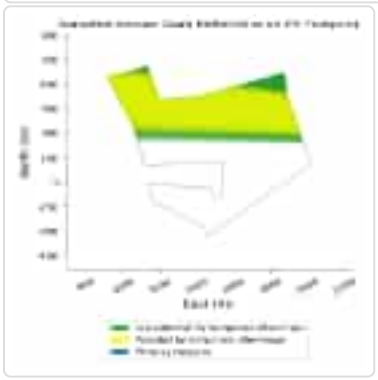
PV array is expected to produce the following glare for this receptor:

- 1,266 minutes of "green" glare with low potential to cause temporary after-image.
- 15 minutes of "yellow" glare with potential to cause temporary after-image.





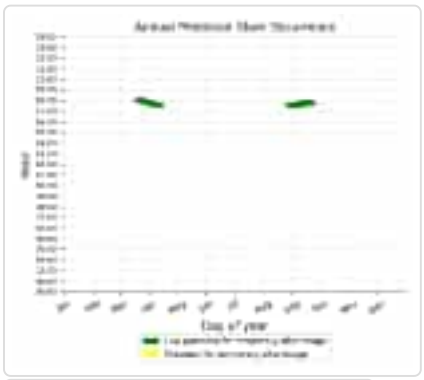


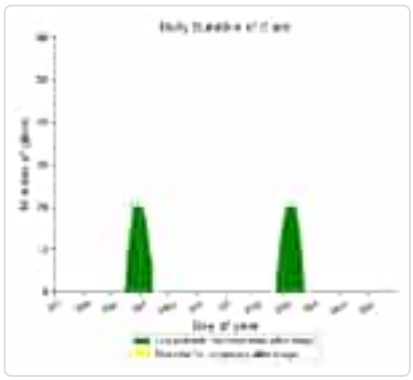


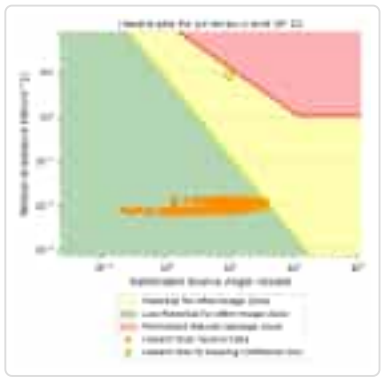
PV array 2: OP 25

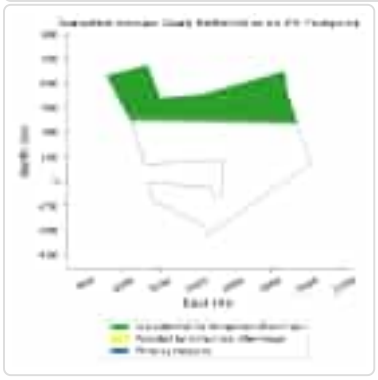
PV array is expected to produce the following glare for this receptor:

- 926 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





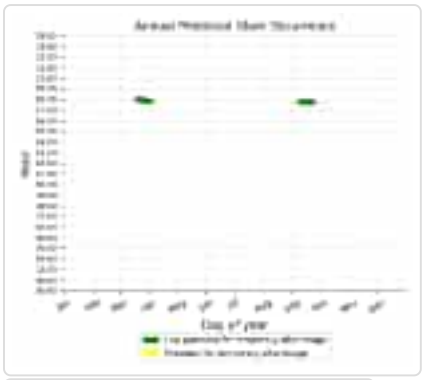


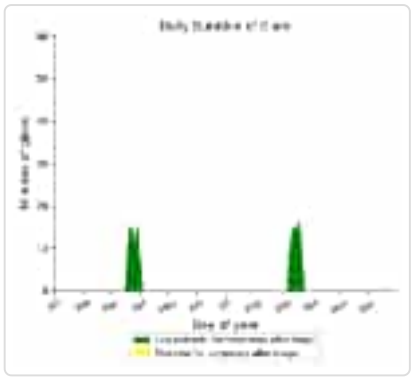


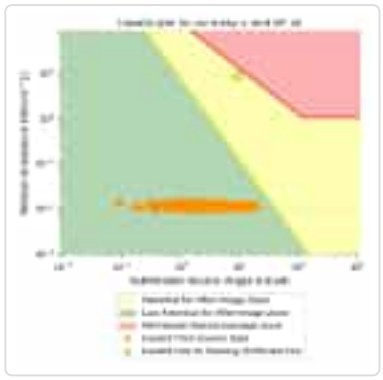
PV array 2: OP 26

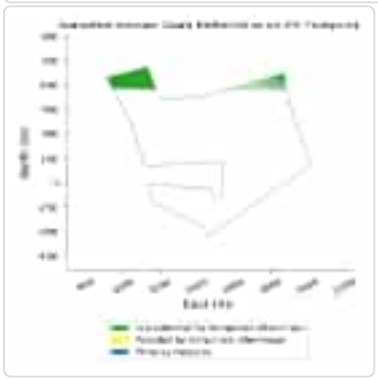
PV array is expected to produce the following glare for this receptor:

- 429 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 27

No glare found

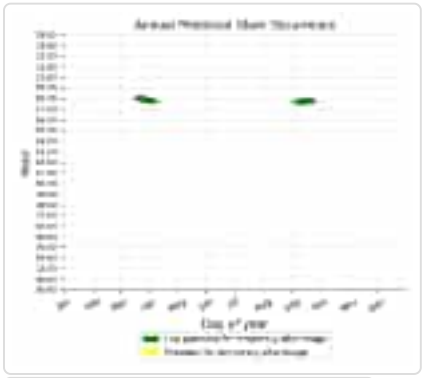
PV array 2: OP 28

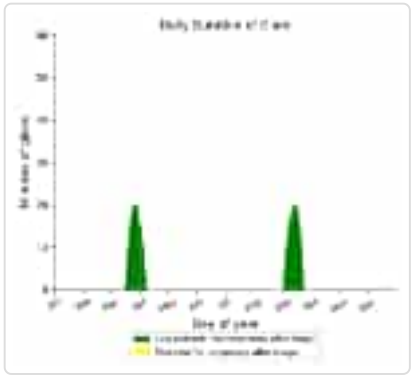
No glare found

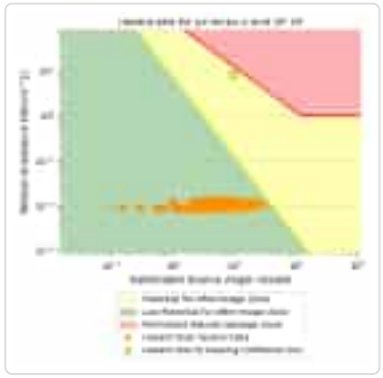
PV array 2: OP 29

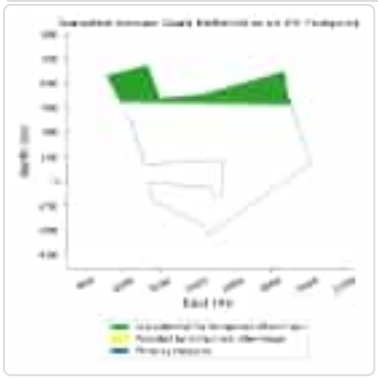
PV array is expected to produce the following glare for this receptor:

- 643 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





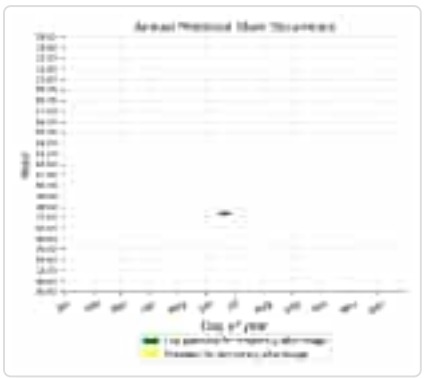


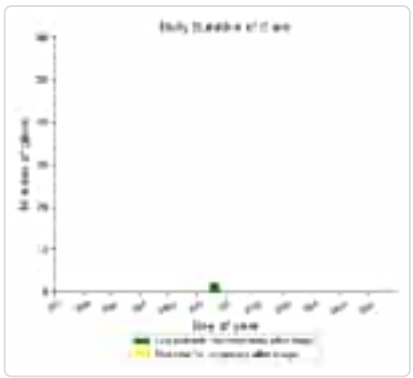


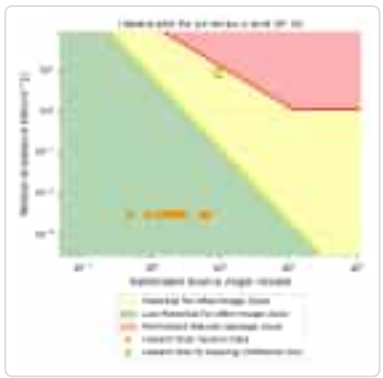
PV array 2: OP 30

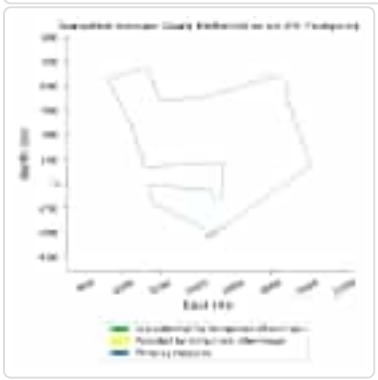
PV array is expected to produce the following glare for this receptor:

- 21 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 31

No glare found

PV array 2: OP 32

No glare found

PV array 2: OP 33

No glare found

PV array 2: OP 34

No glare found

PV array 2: OP 35

No glare found

PV array 2: OP 36

No glare found

PV array 2: OP 37

No glare found

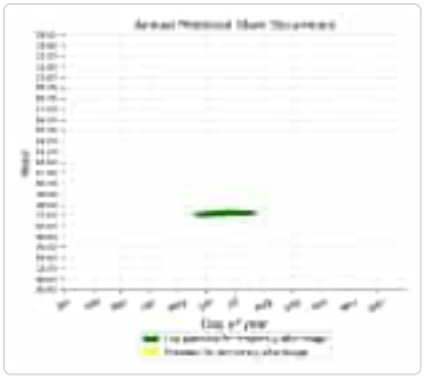
PV array 2: OP 38

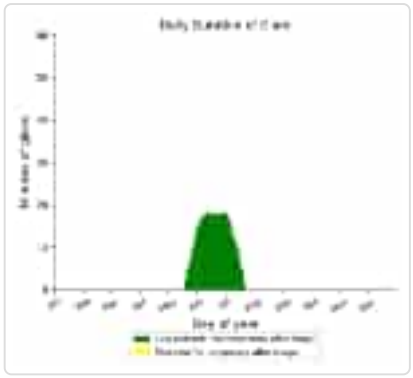
No glare found

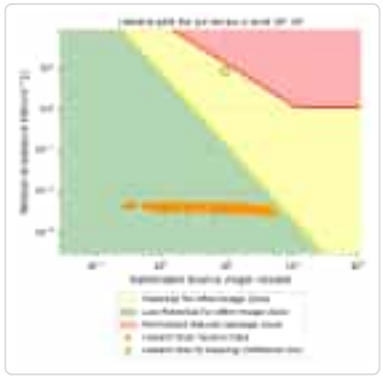
PV array 2: OP 39

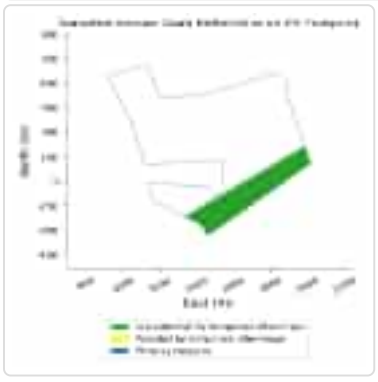
PV array is expected to produce the following glare for this receptor:

- 881 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





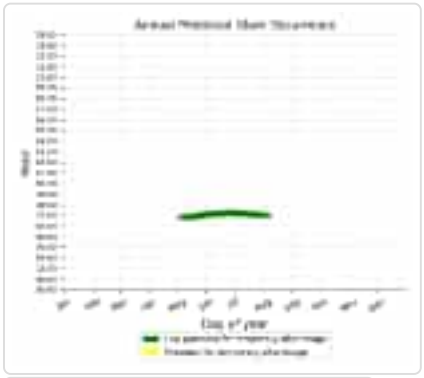


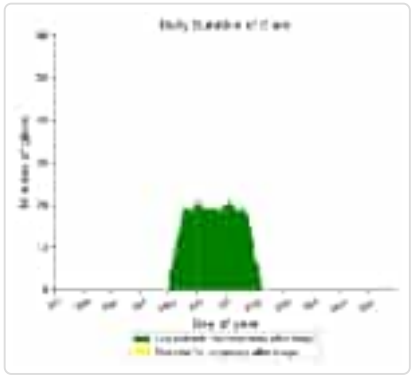


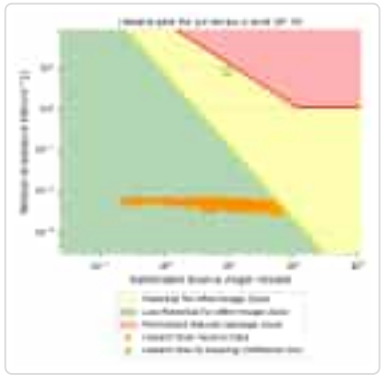
PV array 2: OP 40

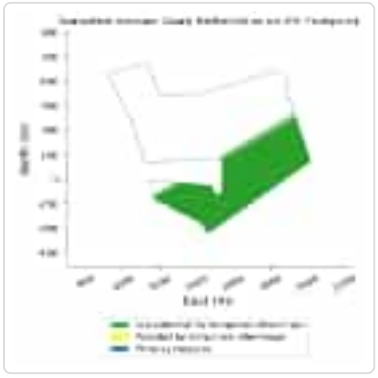
PV array is expected to produce the following glare for this receptor:

- 1,634 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





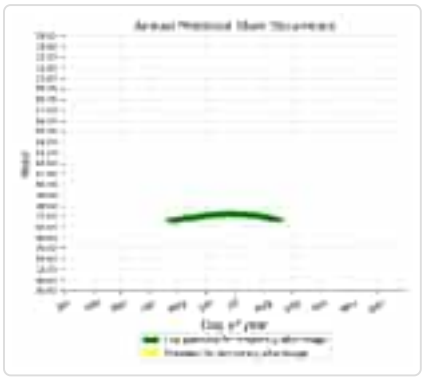


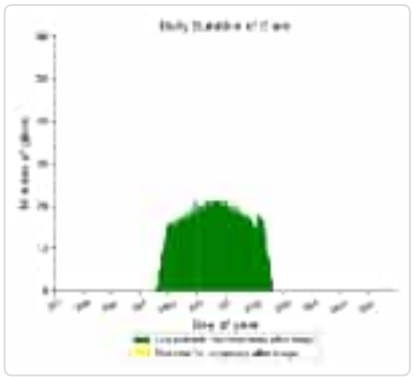


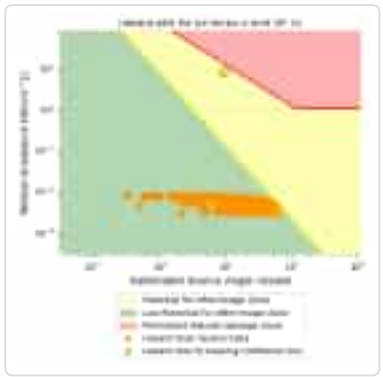
PV array 2: OP 41

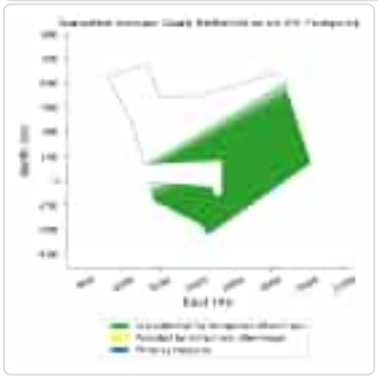
PV array is expected to produce the following glare for this receptor:

- 2,099 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





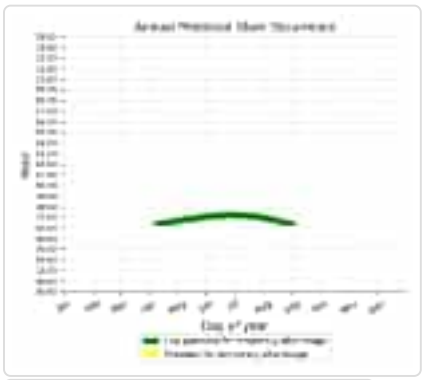


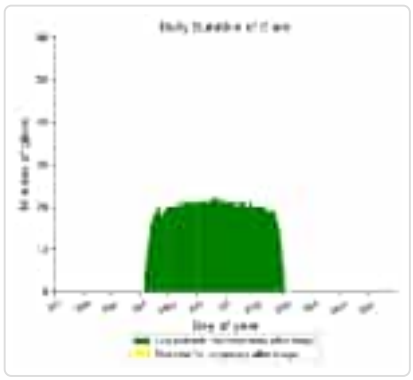


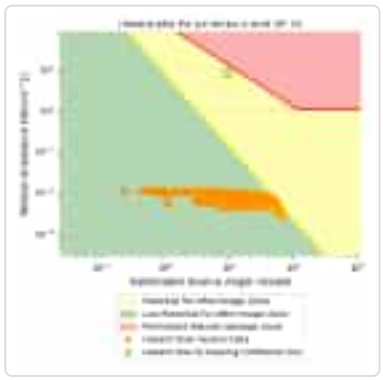
PV array 2: OP 42

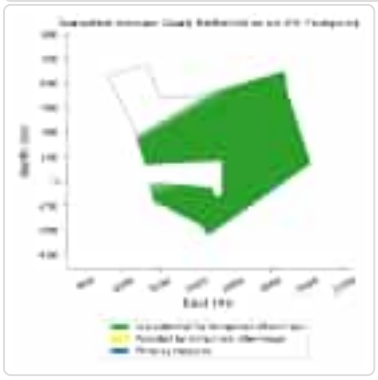
PV array is expected to produce the following glare for this receptor:

- 2,902 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





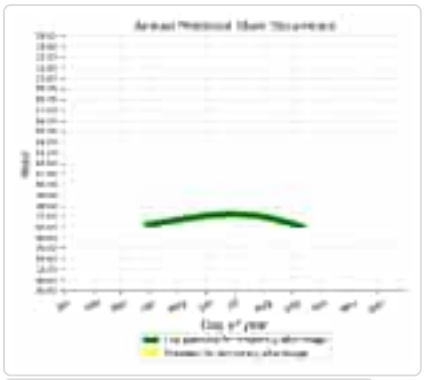


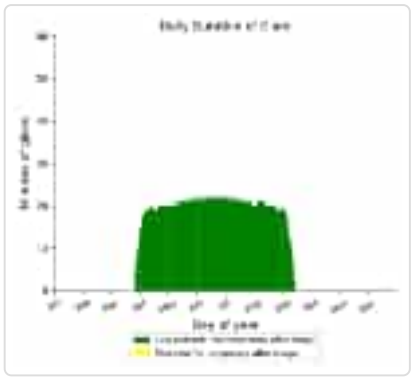


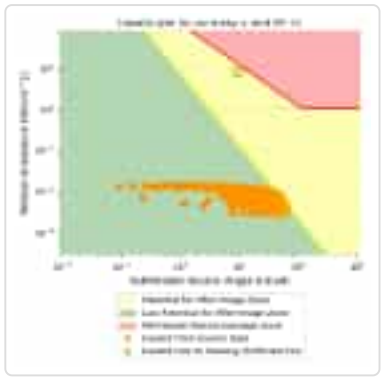
PV array 2: OP 43

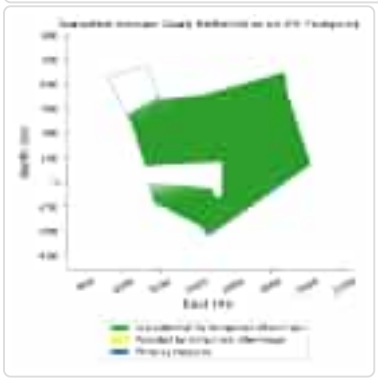
PV array is expected to produce the following glare for this receptor:

- 3,371 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





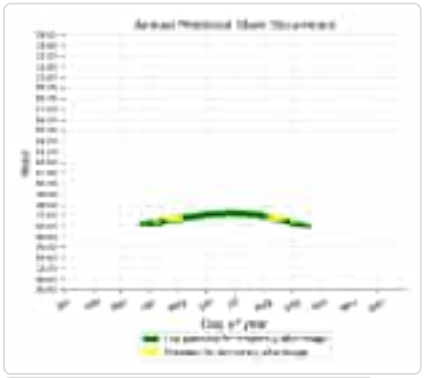


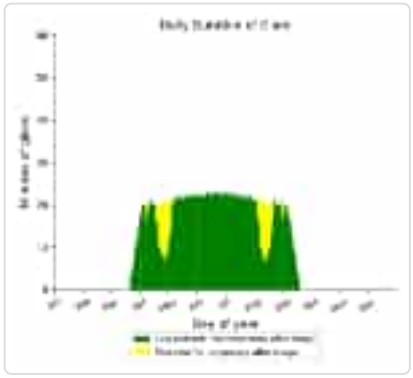


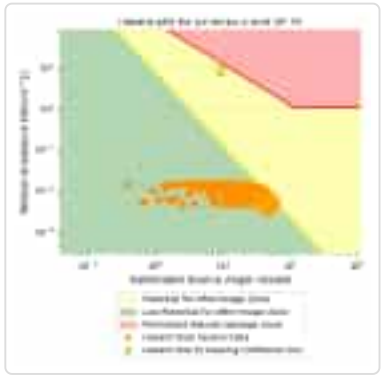
PV array 2: OP 44

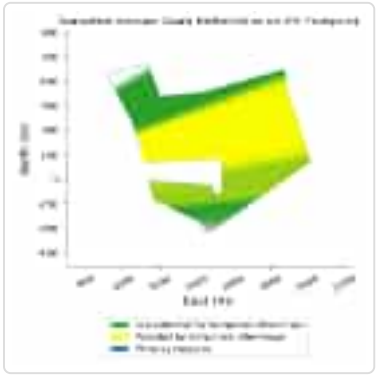
PV array is expected to produce the following glare for this receptor:

- 3,242 minutes of "green" glare with low potential to cause temporary after-image.
- 368 minutes of "yellow" glare with potential to cause temporary after-image.





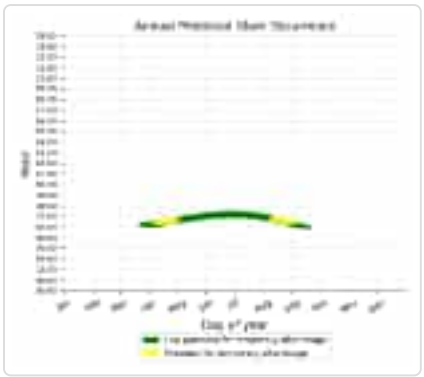


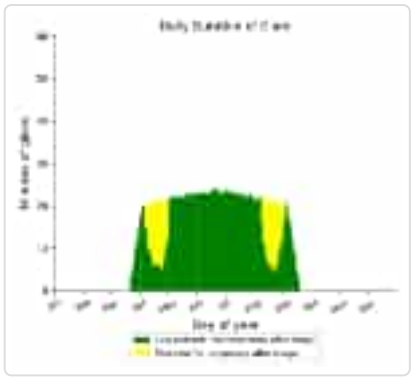


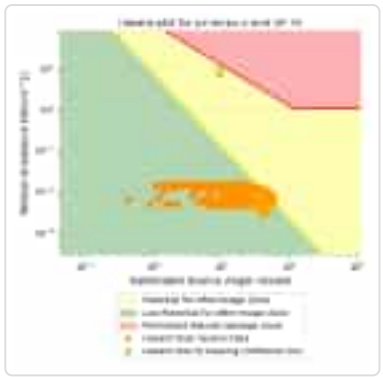
PV array 2: OP 45

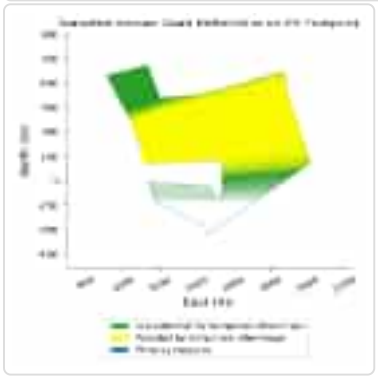
PV array is expected to produce the following glare for this receptor:

- 3,061 minutes of "green" glare with low potential to cause temporary after-image.
- 638 minutes of "yellow" glare with potential to cause temporary after-image.





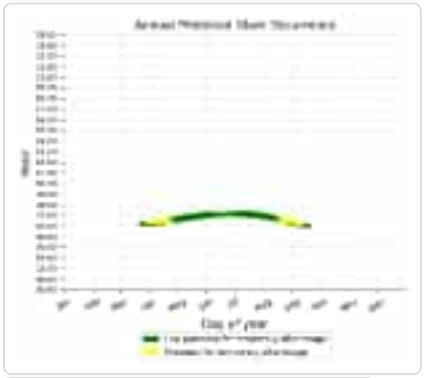


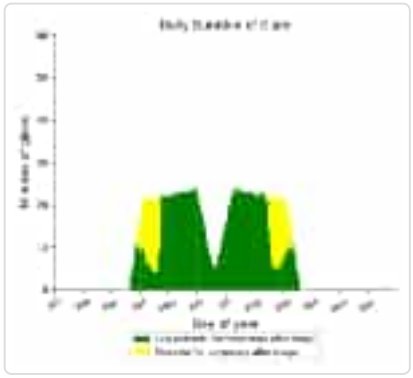


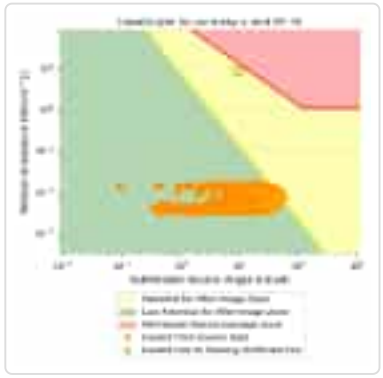
PV array 2: OP 46

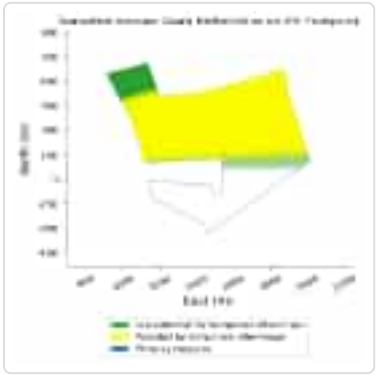
PV array is expected to produce the following glare for this receptor:

- 2,725 minutes of "green" glare with low potential to cause temporary after-image.
- 678 minutes of "yellow" glare with potential to cause temporary after-image.





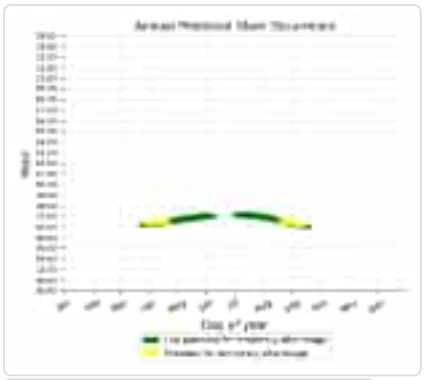


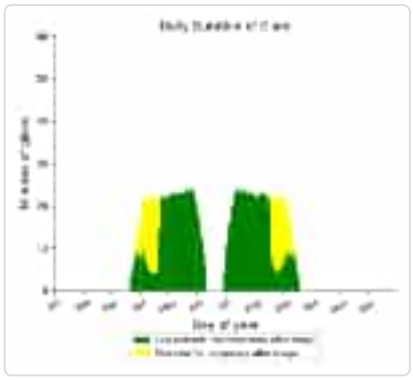


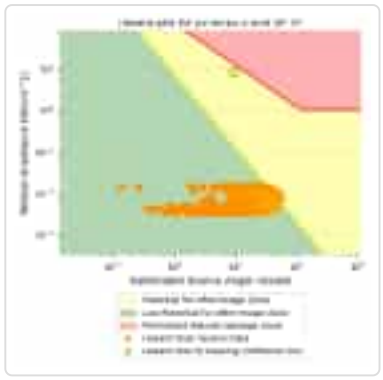
PV array 2: OP 47

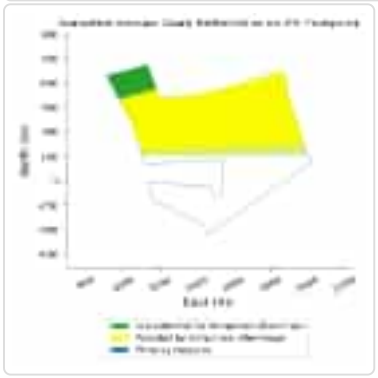
PV array is expected to produce the following glare for this receptor:

- 2,487 minutes of "green" glare with low potential to cause temporary after-image.
- 680 minutes of "yellow" glare with potential to cause temporary after-image.





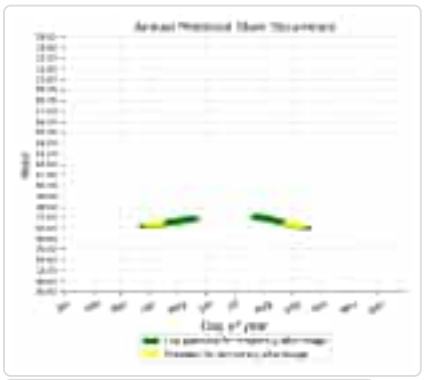


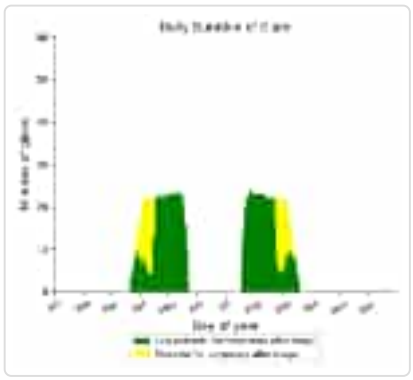


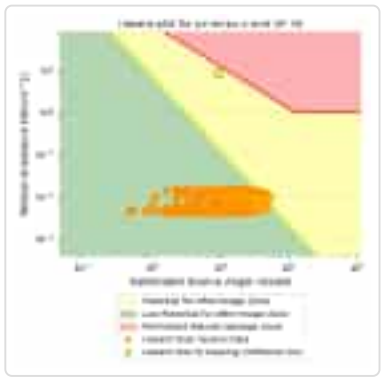
PV array 2: OP 48

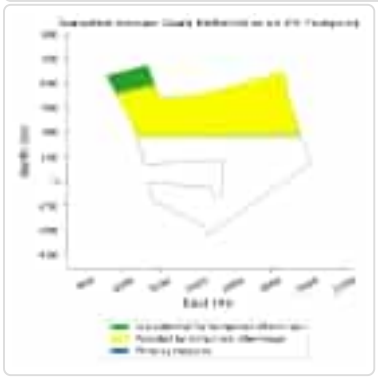
PV array is expected to produce the following glare for this receptor:

- 1,921 minutes of "green" glare with low potential to cause temporary after-image.
- 496 minutes of "yellow" glare with potential to cause temporary after-image.





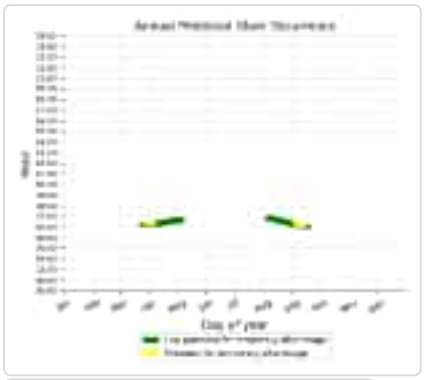


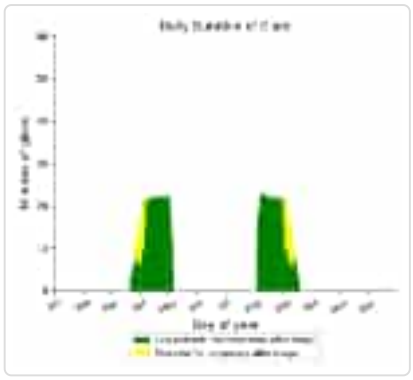


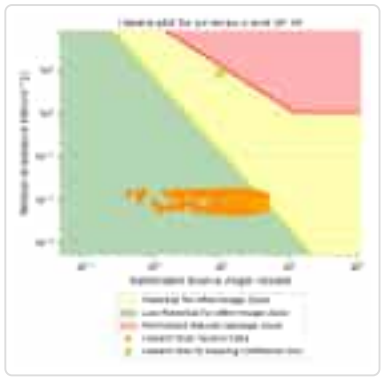
PV array 2: OP 49

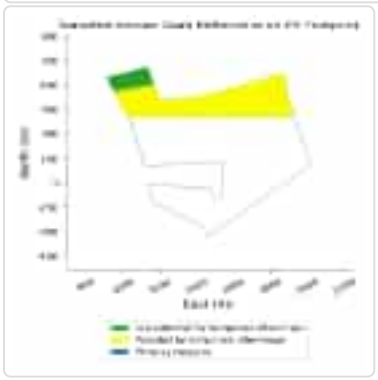
PV array is expected to produce the following glare for this receptor:

- 1,485 minutes of "green" glare with low potential to cause temporary after-image.
- 216 minutes of "yellow" glare with potential to cause temporary after-image.





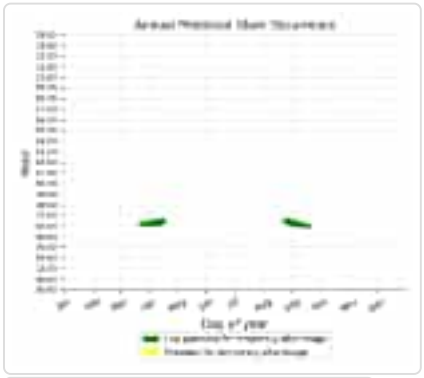


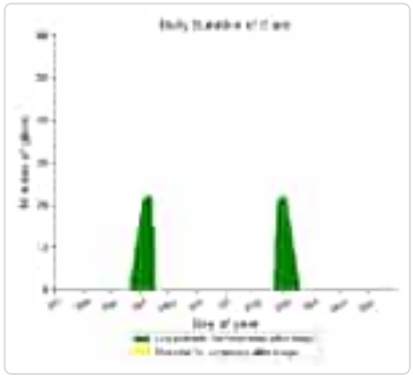


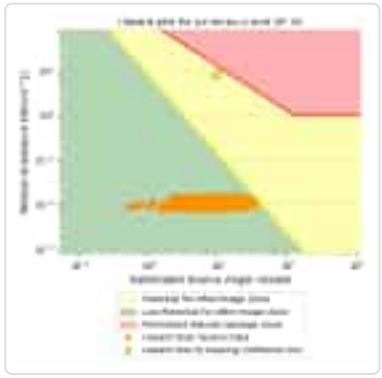
PV array 2: OP 50

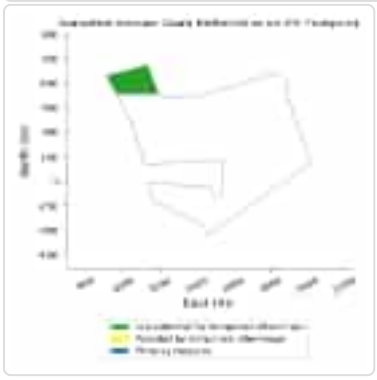
PV array is expected to produce the following glare for this receptor:

- 847 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 51

No glare found

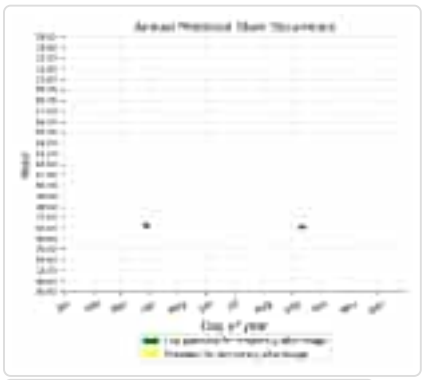
PV array 2: OP 52

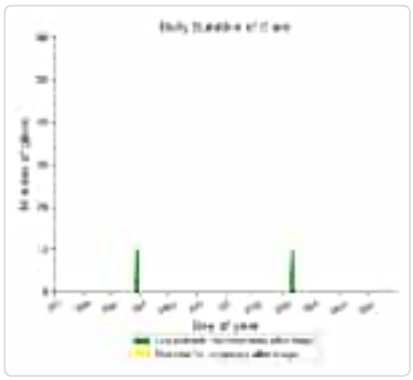
No glare found

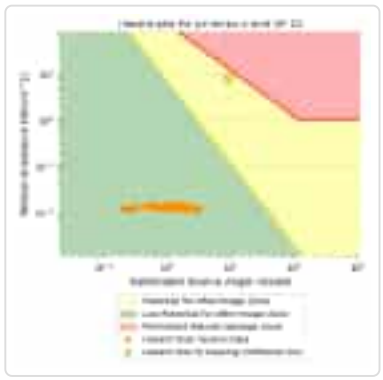
PV array 2: OP 53

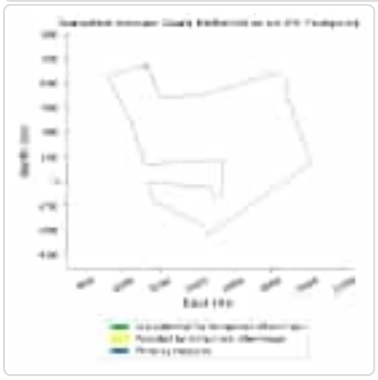
PV array is expected to produce the following glare for this receptor:

- 78 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 54

No glare found

PV array 2: OP 55

No glare found

PV array 2: OP 56

No glare found

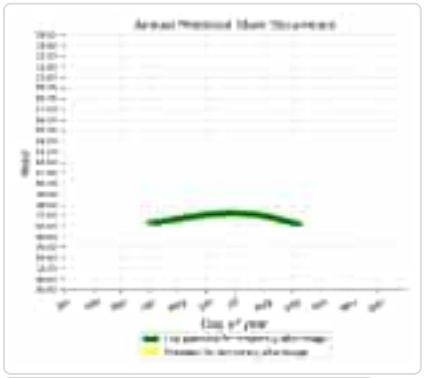
PV array 2: OP 57

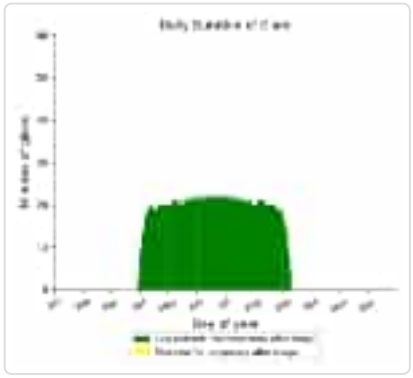
No glare found

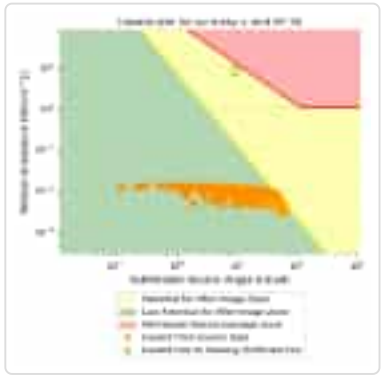
PV array 2: OP 58

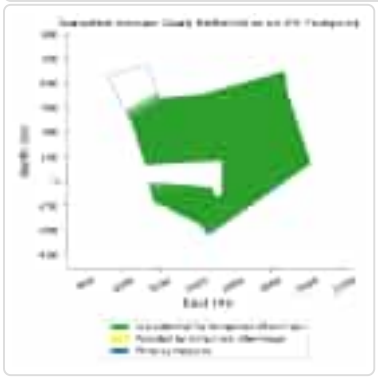
PV array is expected to produce the following glare for this receptor:

- 3,237 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





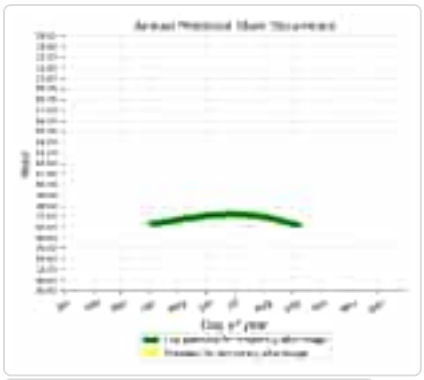


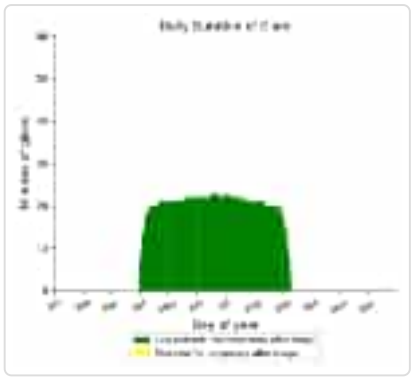


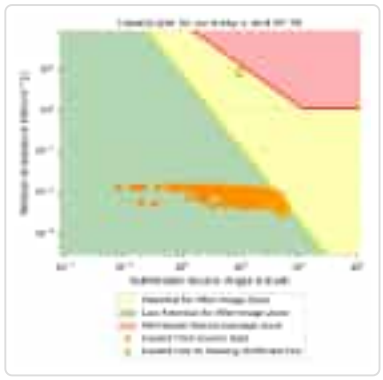
PV array 2: OP 59

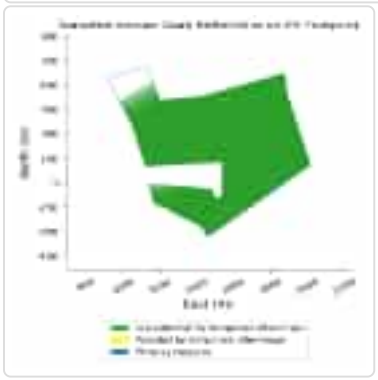
PV array is expected to produce the following glare for this receptor:

- 3,301 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 60

No glare found

PV array 2: OP 61

No glare found

PV array 2: OP 62

No glare found

PV array 2: OP 63

No glare found

PV array 2: OP 64

No glare found

PV array 2: OP 65

No glare found

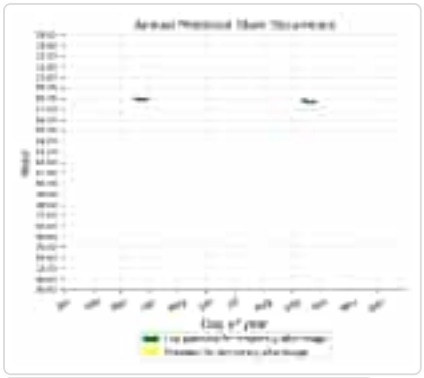
PV array 2: OP 66

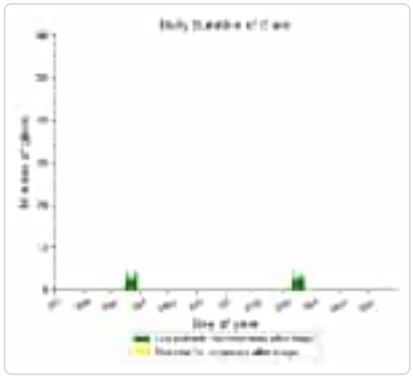
No glare found

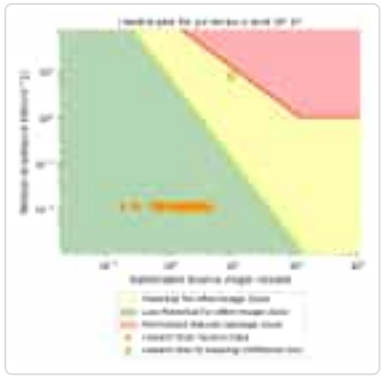
PV array 2: OP 67

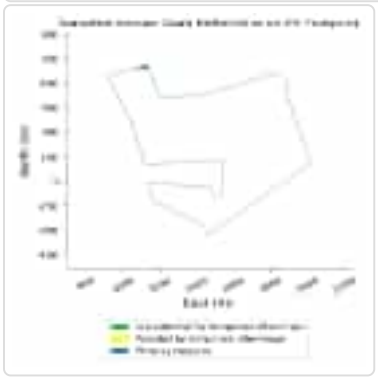
PV array is expected to produce the following glare for this receptor:

- 81 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





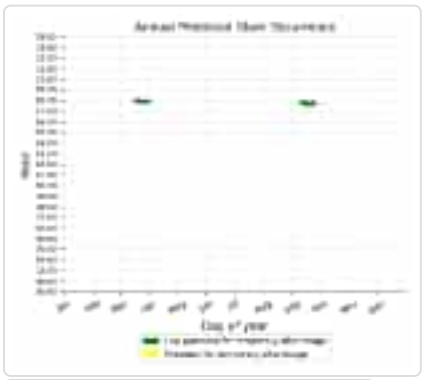


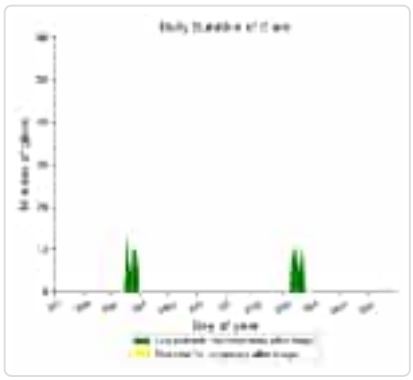


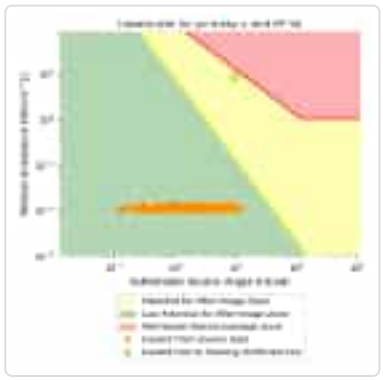
PV array 2: OP 68

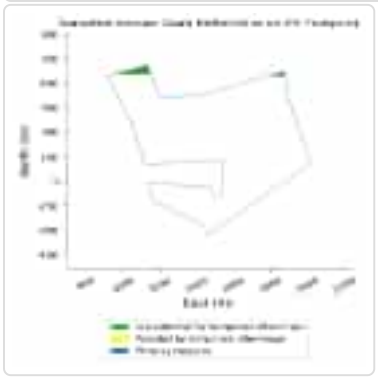
PV array is expected to produce the following glare for this receptor:

- 240 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





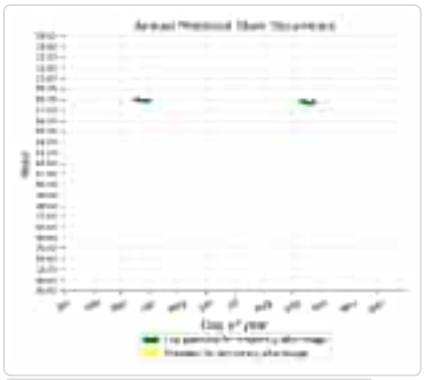


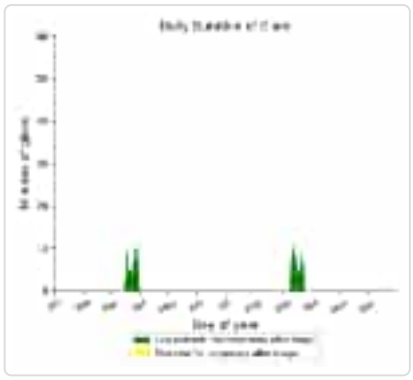


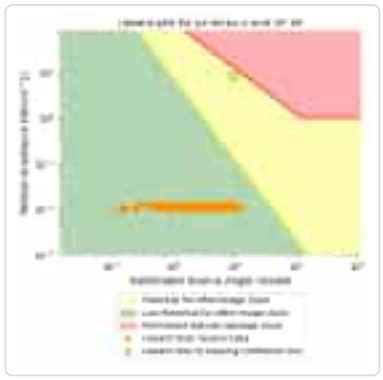
PV array 2: OP 69

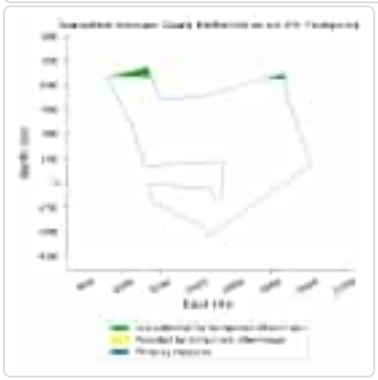
PV array is expected to produce the following glare for this receptor:

- 210 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





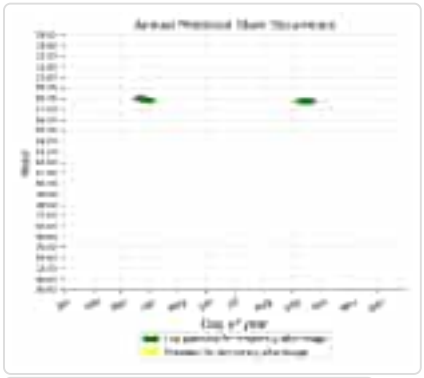


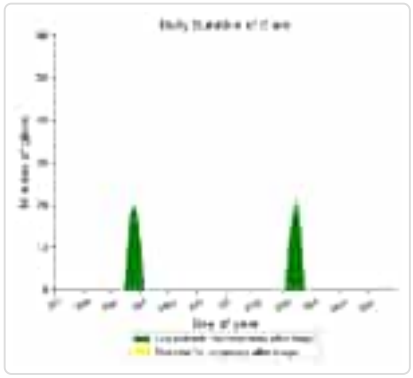


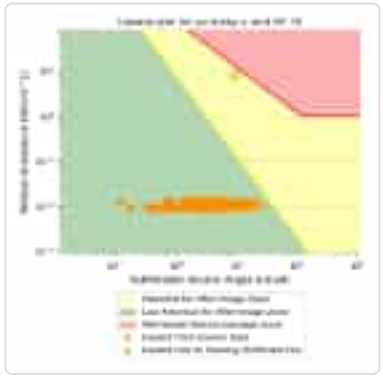
PV array 2: OP 70

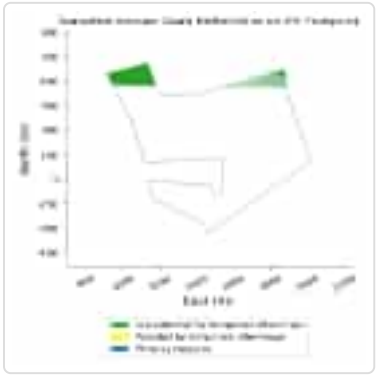
PV array is expected to produce the following glare for this receptor:

- 559 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





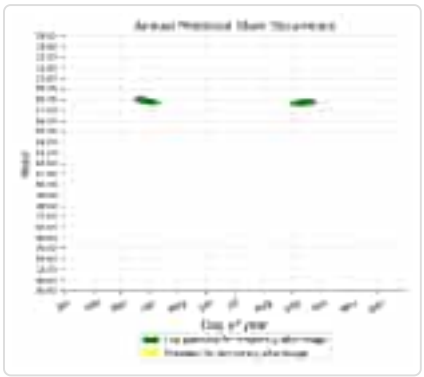


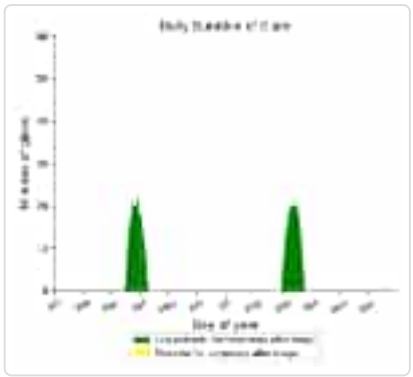


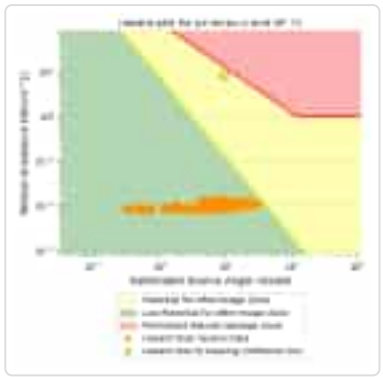
PV array 2: OP 71

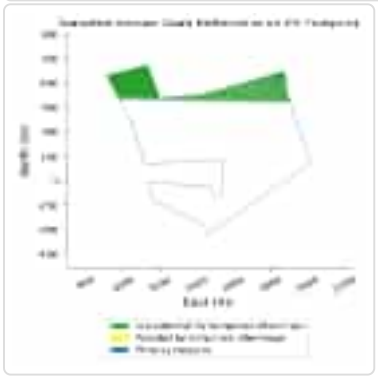
PV array is expected to produce the following glare for this receptor:

- 730 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





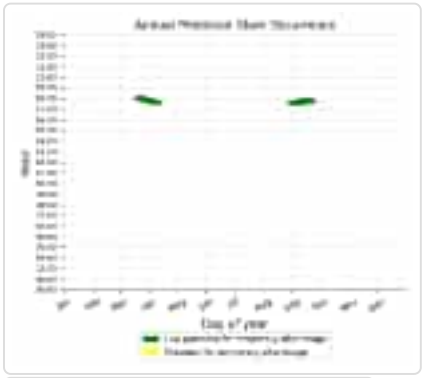


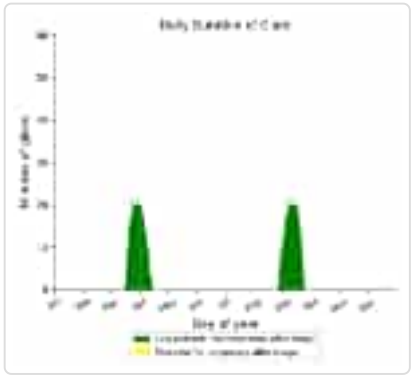


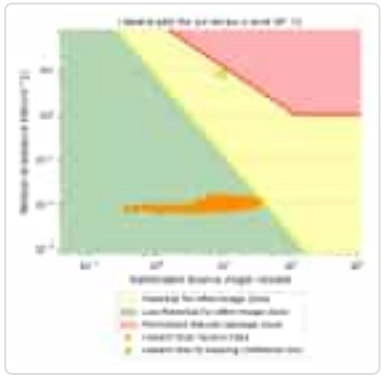
PV array 2: OP 72

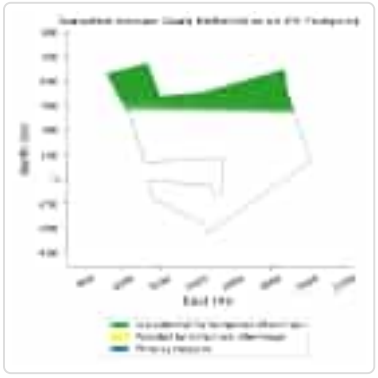
PV array is expected to produce the following glare for this receptor:

- 846 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





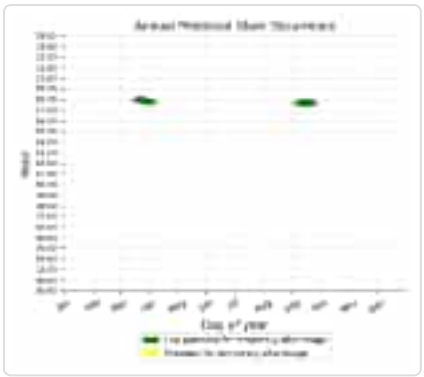


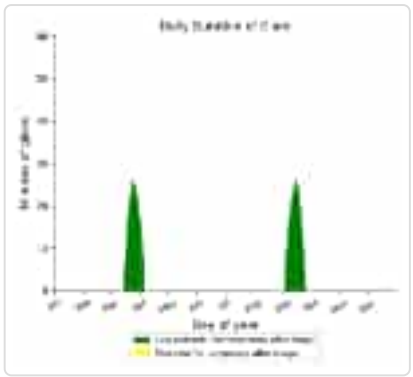


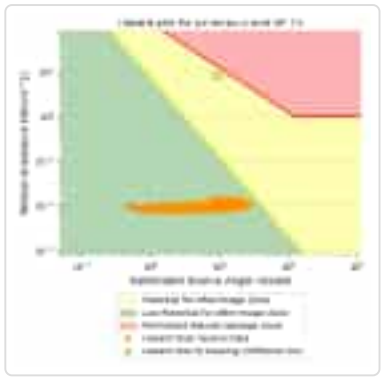
PV array 2: OP 73

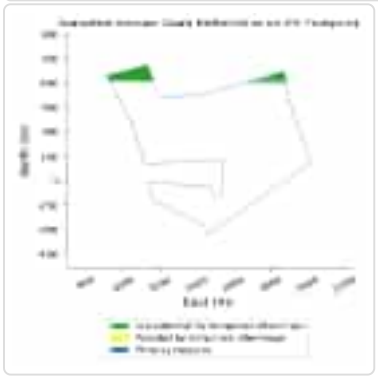
PV array is expected to produce the following glare for this receptor:

- 801 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 74

No glare found

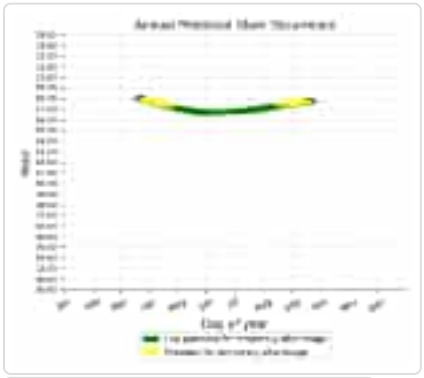
PV array 2: OP 75

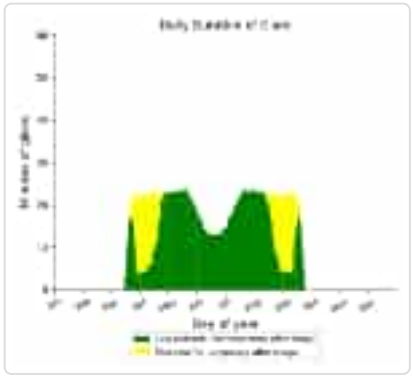
No glare found

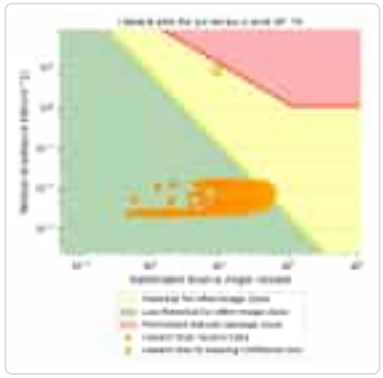
PV array 2: OP 76

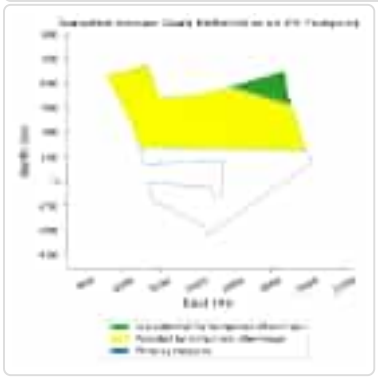
PV array is expected to produce the following glare for this receptor:

- 2,983 minutes of "green" glare with low potential to cause temporary after-image.
- 901 minutes of "yellow" glare with potential to cause temporary after-image.





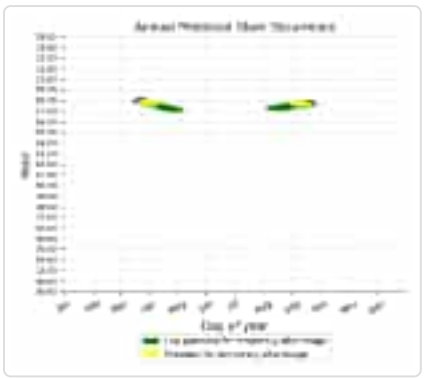


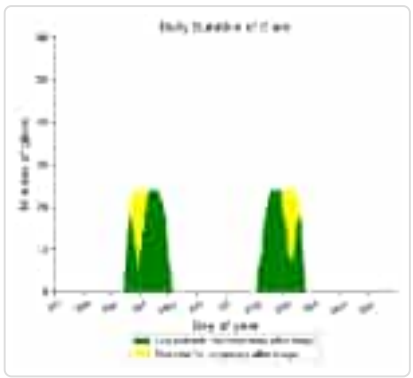


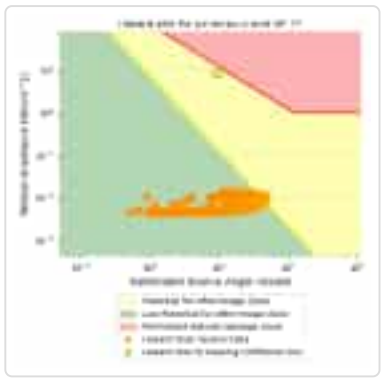
PV array 2: OP 77

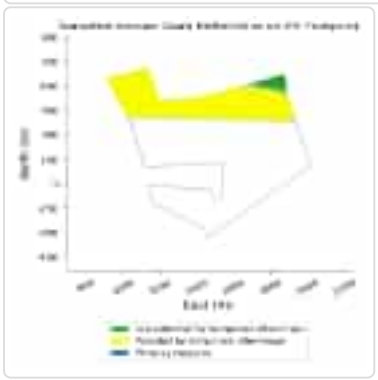
PV array is expected to produce the following glare for this receptor:

- 1,633 minutes of "green" glare with low potential to cause temporary after-image.
- 394 minutes of "yellow" glare with potential to cause temporary after-image.





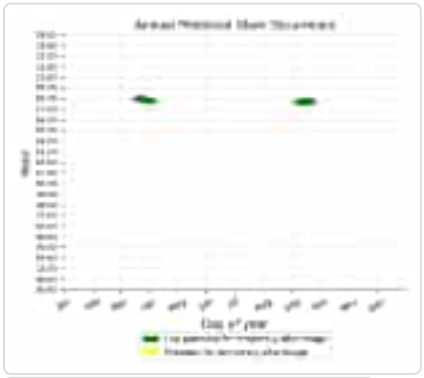


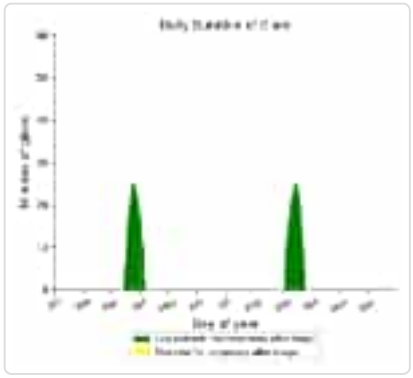


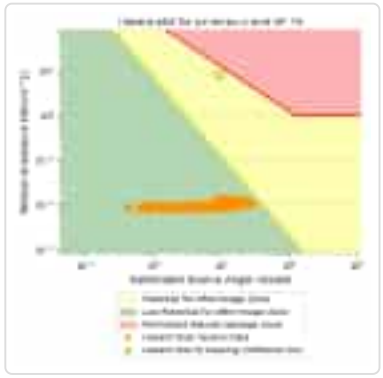
PV array 2: OP 78

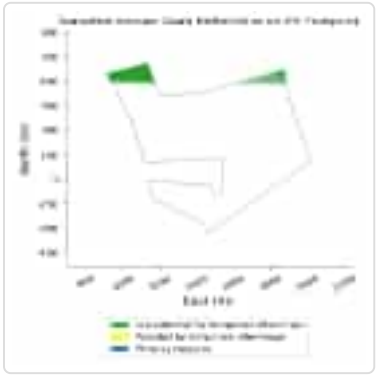
PV array is expected to produce the following glare for this receptor:

- 802 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





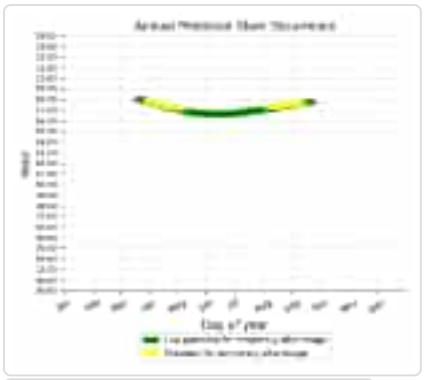


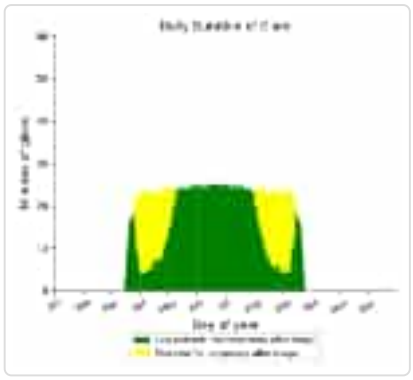


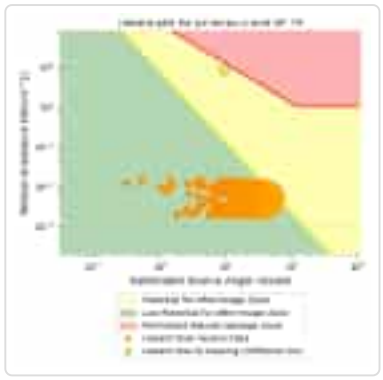
PV array 2: OP 79

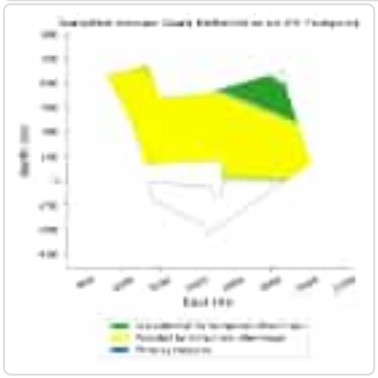
PV array is expected to produce the following glare for this receptor:

- 3,122 minutes of "green" glare with low potential to cause temporary after-image.
- 1,284 minutes of "yellow" glare with potential to cause temporary after-image.





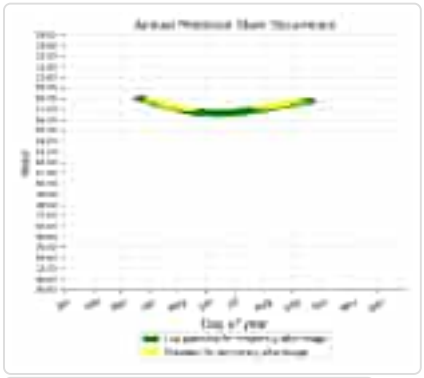


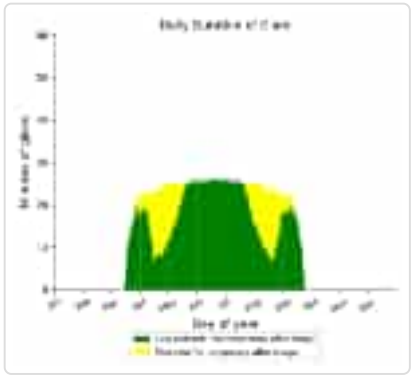


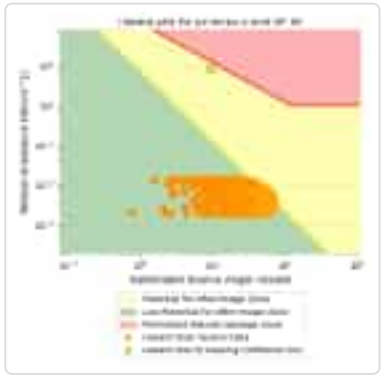
PV array 2: OP 80

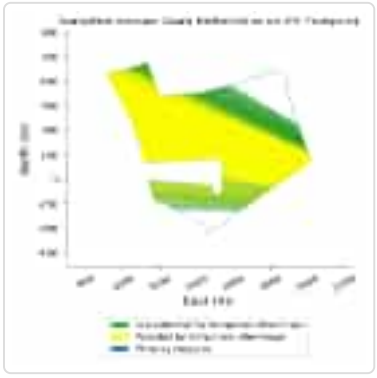
PV array is expected to produce the following glare for this receptor:

- 3,449 minutes of "green" glare with low potential to cause temporary after-image.
- 977 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	1777	4996
OP: OP 8	2130	4535
OP: OP 9	1395	2585
OP: OP 10	1713	1834
OP: OP 11	1575	2381
OP: OP 12	1308	2578
OP: OP 13	2136	1538
OP: OP 14	1404	441
OP: OP 15	929	0
OP: OP 16	198	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0

OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	2731	455
OP: OP 31	2807	350
OP: OP 32	3062	441
OP: OP 33	2913	237
OP: OP 34	1539	88
OP: OP 35	1023	36
OP: OP 36	1735	0
OP: OP 37	0	0
OP: OP 38	2396	386
OP: OP 39	1739	526
OP: OP 40	1330	183
OP: OP 41	849	0
OP: OP 42	242	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	38	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

OP: OP 80	0	0

PV array 3: OP 1

No glare found

PV array 3: OP 2

No glare found

PV array 3: OP 3

No glare found

PV array 3: OP 4

No glare found

PV array 3: OP 5

No glare found

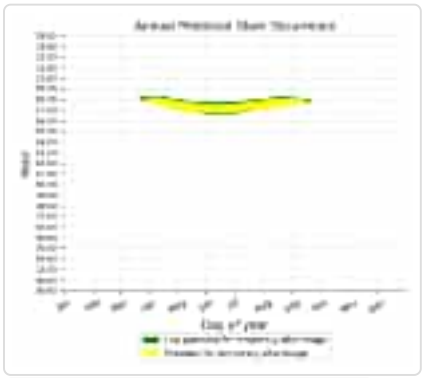
PV array 3: OP 6

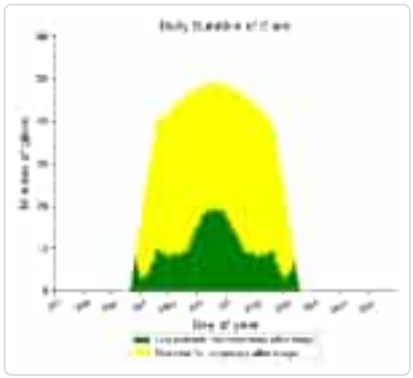
No glare found

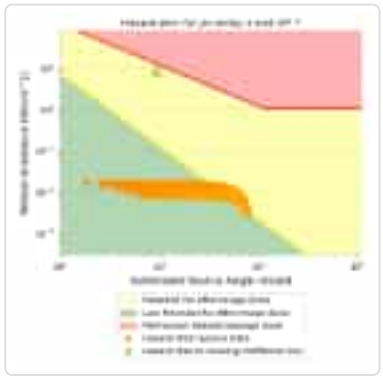
PV array 3: OP 7

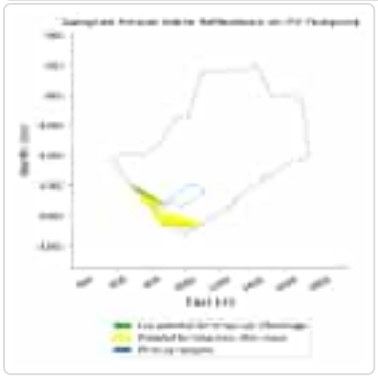
PV array is expected to produce the following glare for this receptor:

- 1,777 minutes of "green" glare with low potential to cause temporary after-image.
- 4,996 minutes of "yellow" glare with potential to cause temporary after-image.





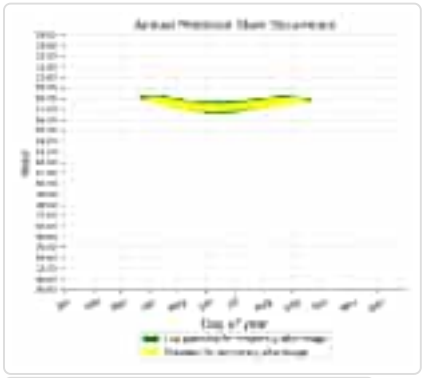


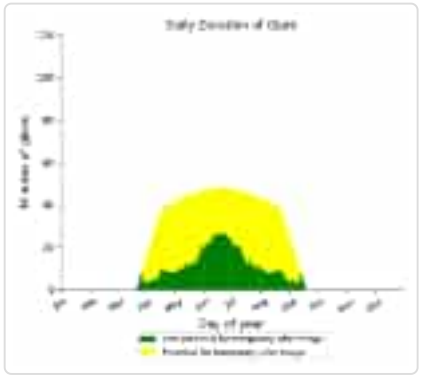


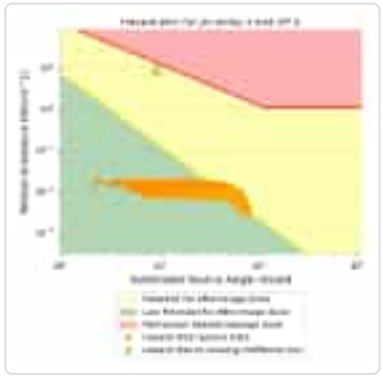
PV array 3: OP 8

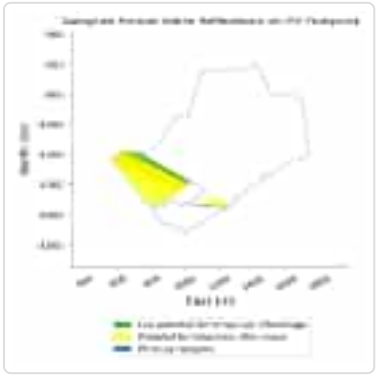
PV array is expected to produce the following glare for this receptor:

- 2,130 minutes of "green" glare with low potential to cause temporary after-image.
- 4,535 minutes of "yellow" glare with potential to cause temporary after-image.





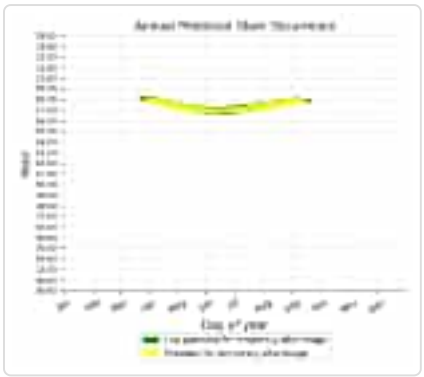


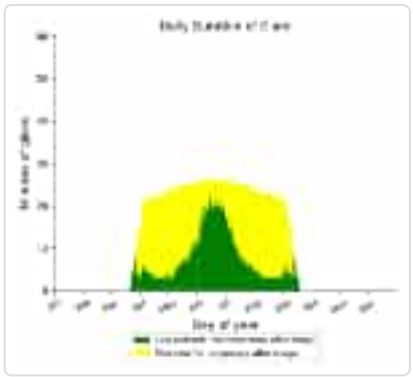


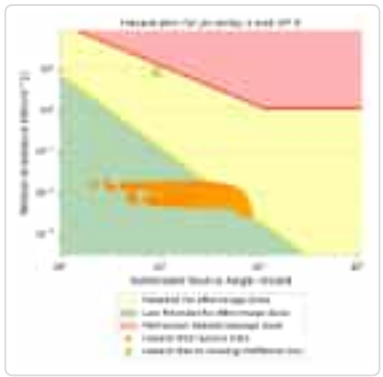
PV array 3: OP 9

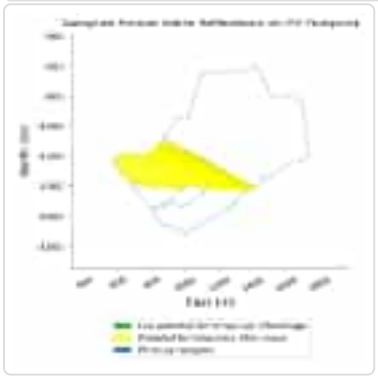
PV array is expected to produce the following glare for this receptor:

- 1,395 minutes of "green" glare with low potential to cause temporary after-image.
- 2,585 minutes of "yellow" glare with potential to cause temporary after-image.





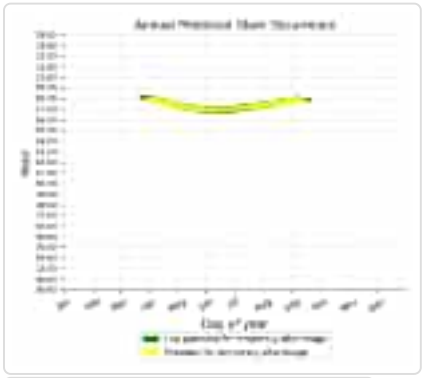


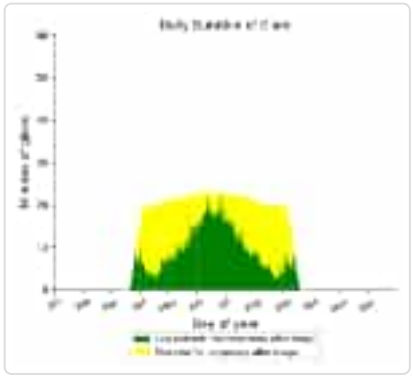


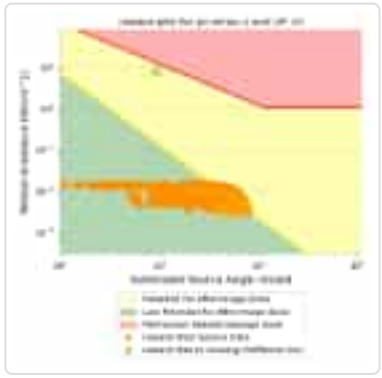
PV array 3: OP 10

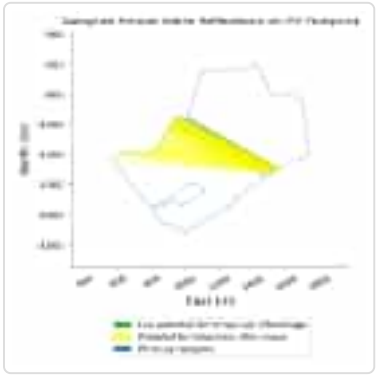
PV array is expected to produce the following glare for this receptor:

- 1,713 minutes of "green" glare with low potential to cause temporary after-image.
- 1,834 minutes of "yellow" glare with potential to cause temporary after-image.





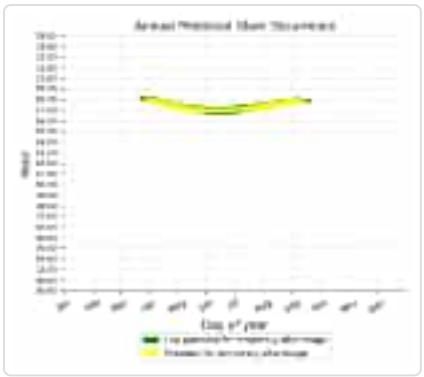


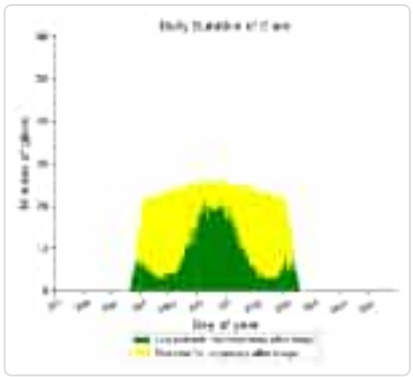


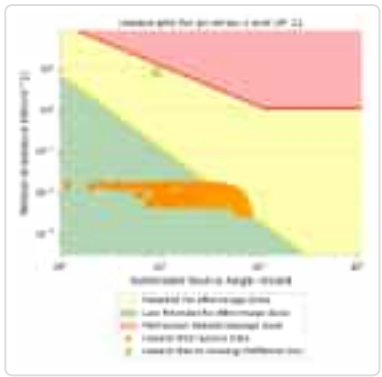
PV array 3: OP 11

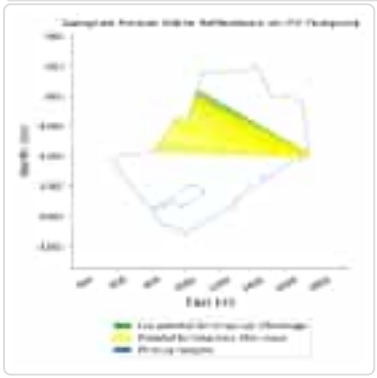
PV array is expected to produce the following glare for this receptor:

- 1,575 minutes of "green" glare with low potential to cause temporary after-image.
- 2,381 minutes of "yellow" glare with potential to cause temporary after-image.





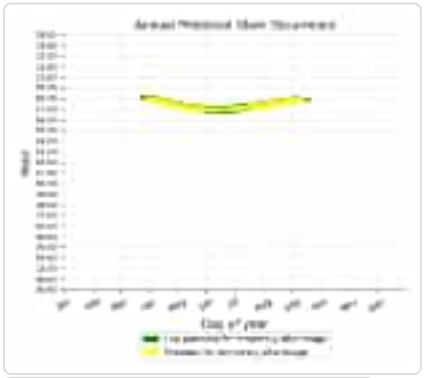


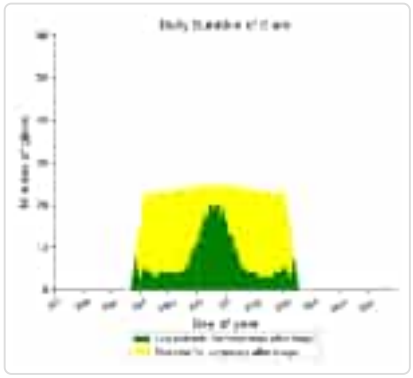


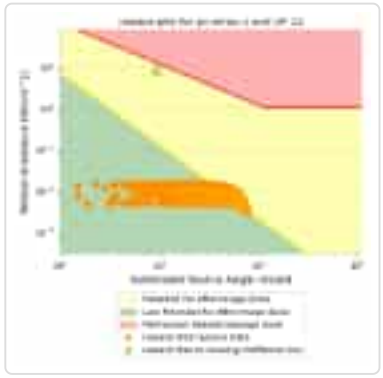
PV array 3: OP 12

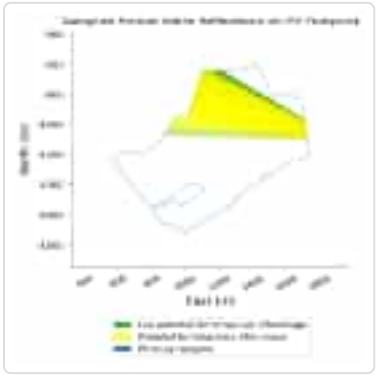
PV array is expected to produce the following glare for this receptor:

- 1,308 minutes of "green" glare with low potential to cause temporary after-image.
- 2,578 minutes of "yellow" glare with potential to cause temporary after-image.





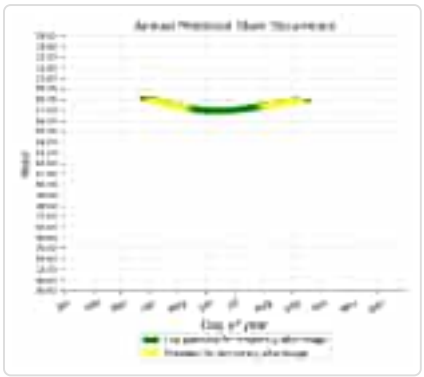


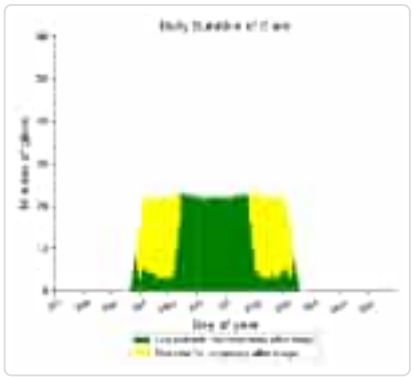


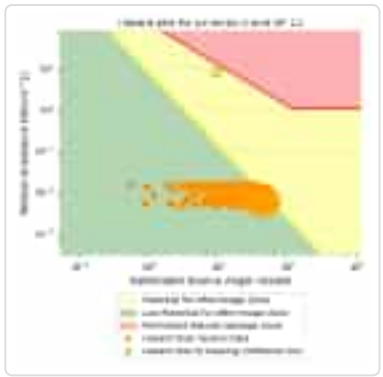
PV array 3: OP 13

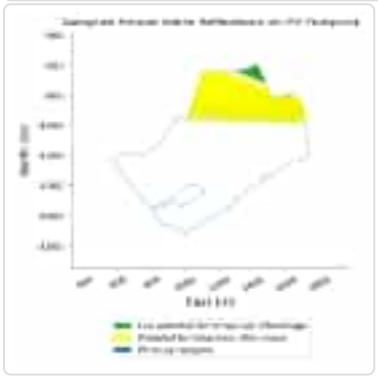
PV array is expected to produce the following glare for this receptor:

- 2,136 minutes of "green" glare with low potential to cause temporary after-image.
- 1,538 minutes of "yellow" glare with potential to cause temporary after-image.





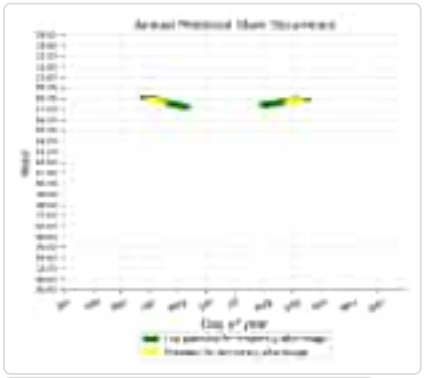


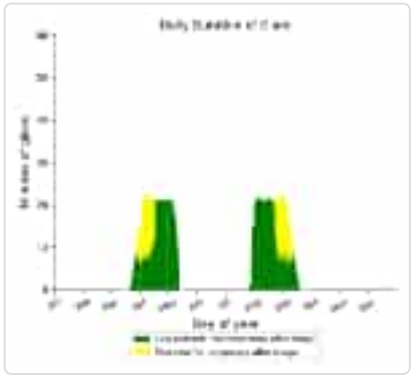


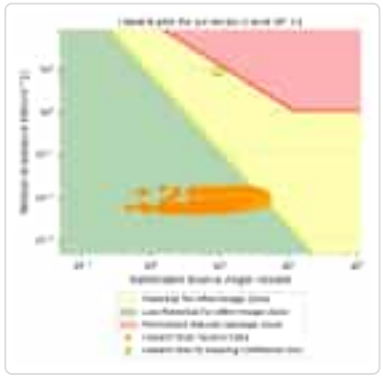
PV array 3: OP 14

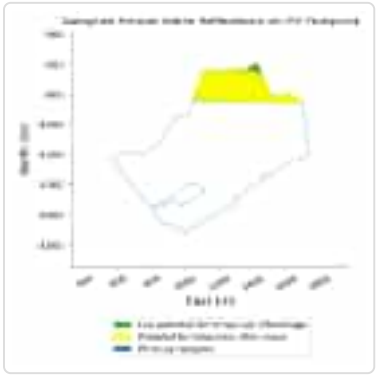
PV array is expected to produce the following glare for this receptor:

- 1,404 minutes of "green" glare with low potential to cause temporary after-image.
- 441 minutes of "yellow" glare with potential to cause temporary after-image.





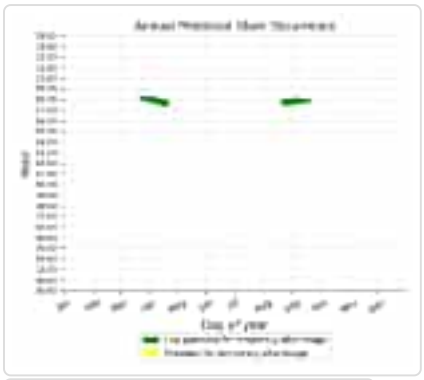


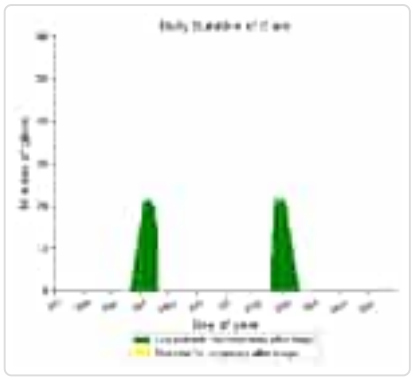


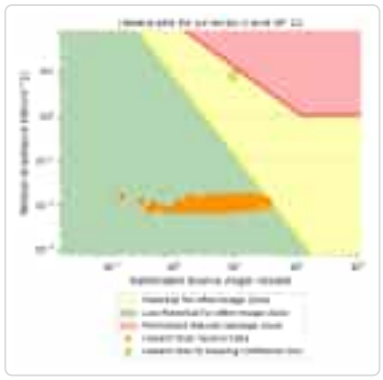
PV array 3: OP 15

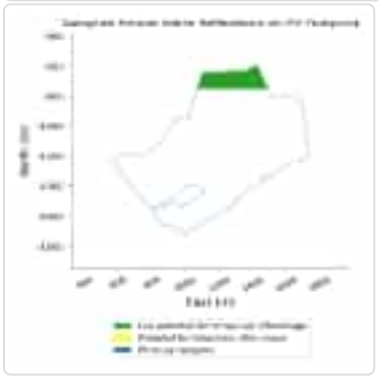
PV array is expected to produce the following glare for this receptor:

- 929 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





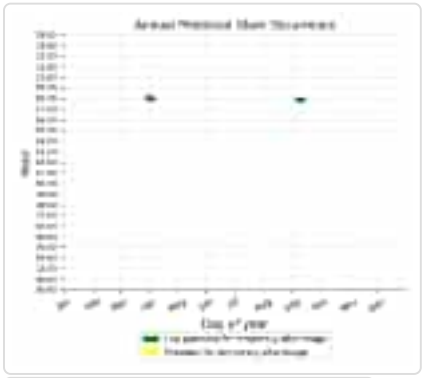


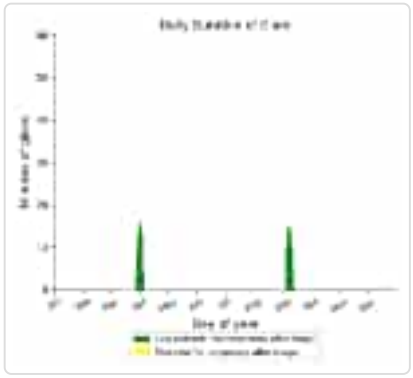


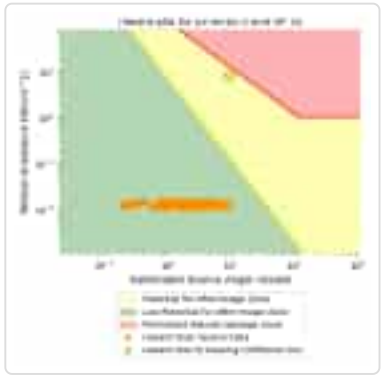
PV array 3: OP 16

PV array is expected to produce the following glare for this receptor:

- 198 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 3: OP 17

No glare found

PV array 3: OP 18

No glare found

PV array 3: OP 19

No glare found

PV array 3: OP 20

No glare found

PV array 3: OP 21

No glare found

PV array 3: OP 22

No glare found

PV array 3: OP 23

No glare found

PV array 3: OP 24

No glare found

PV array 3: OP 25

No glare found

PV array 3: OP 26

No glare found

PV array 3: OP 27

No glare found

PV array 3: OP 28

No glare found

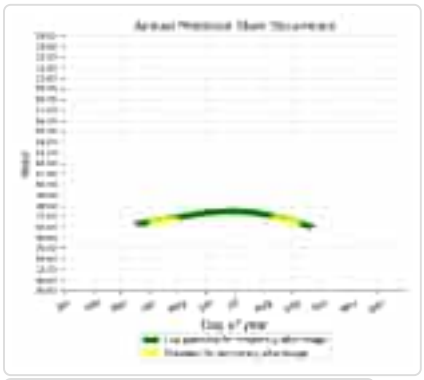
PV array 3: OP 29

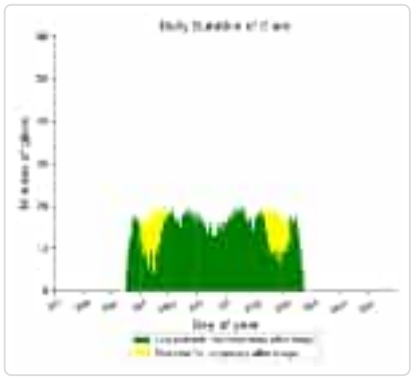
No glare found

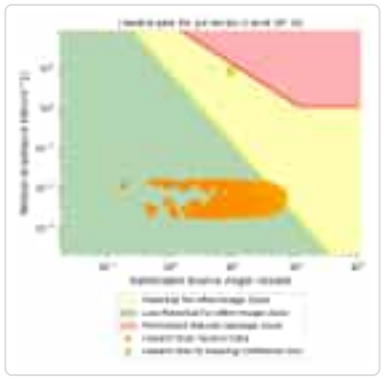
PV array 3: OP 30

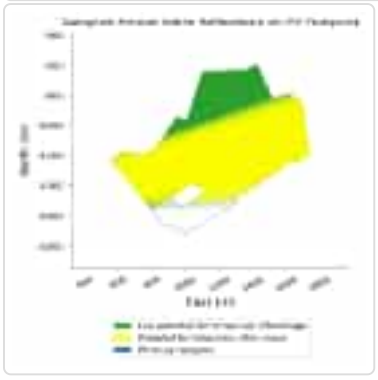
PV array is expected to produce the following glare for this receptor:

- 2,731 minutes of "green" glare with low potential to cause temporary after-image.
- 455 minutes of "yellow" glare with potential to cause temporary after-image.





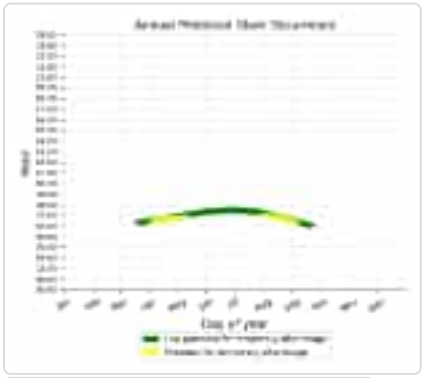


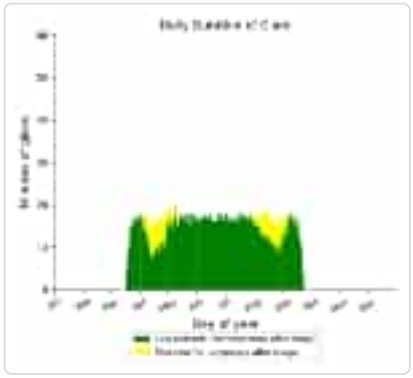


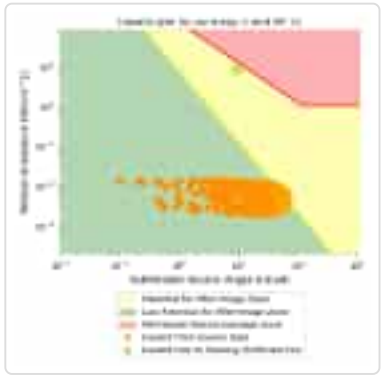
PV array 3: OP 31

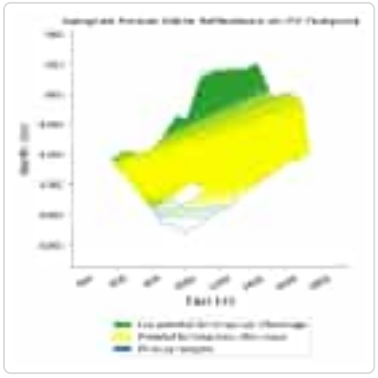
PV array is expected to produce the following glare for this receptor:

- 2,807 minutes of "green" glare with low potential to cause temporary after-image.
- 350 minutes of "yellow" glare with potential to cause temporary after-image.





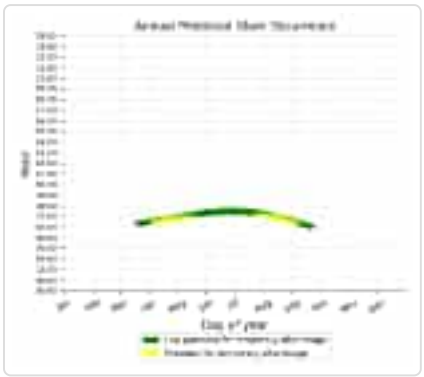


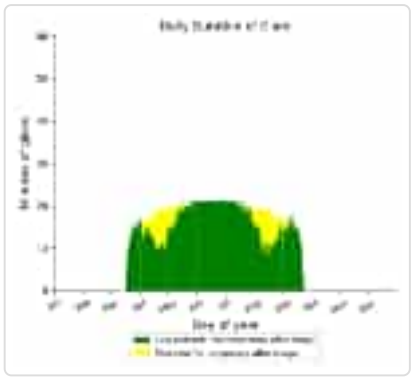


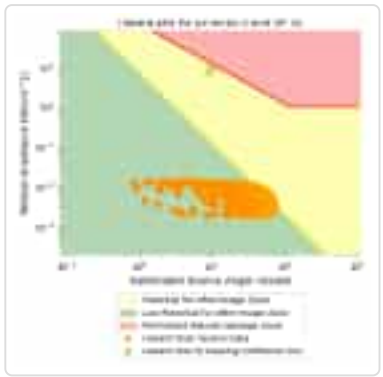
PV array 3: OP 32

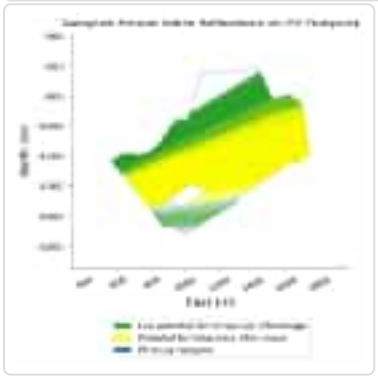
PV array is expected to produce the following glare for this receptor:

- 3,062 minutes of "green" glare with low potential to cause temporary after-image.
- 441 minutes of "yellow" glare with potential to cause temporary after-image.





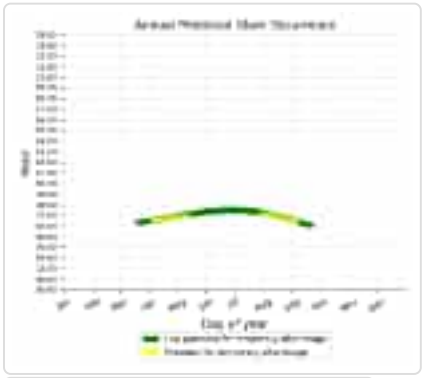


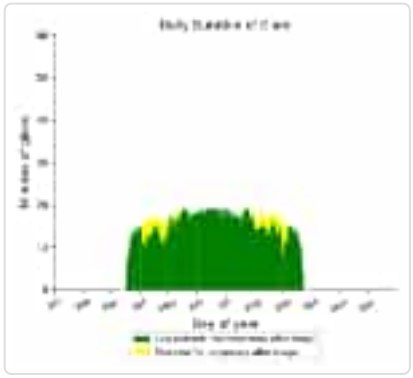


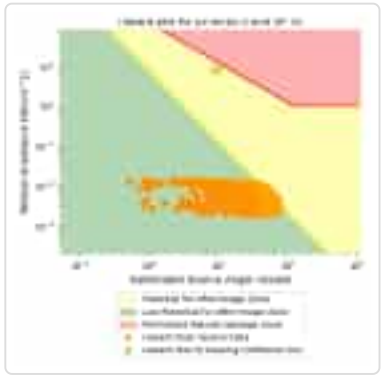
PV array 3: OP 33

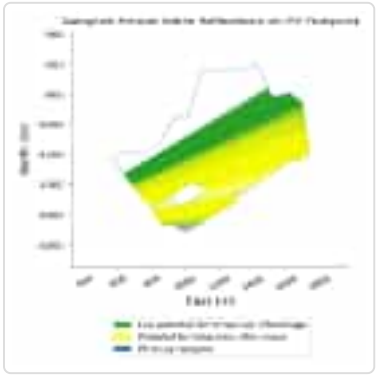
PV array is expected to produce the following glare for this receptor:

- 2,913 minutes of "green" glare with low potential to cause temporary after-image.
- 237 minutes of "yellow" glare with potential to cause temporary after-image.





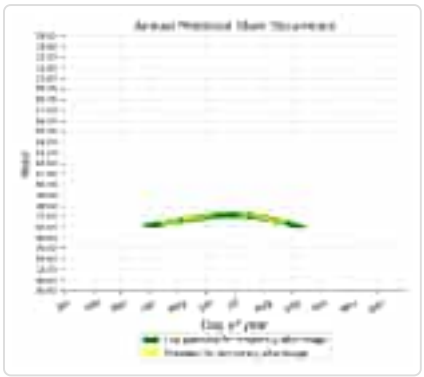


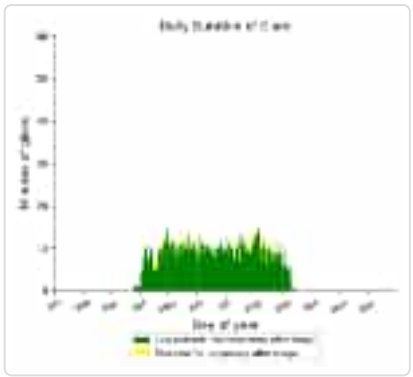


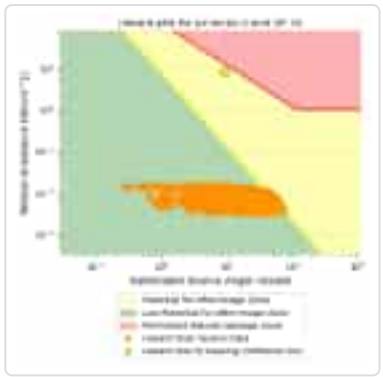
PV array 3: OP 34

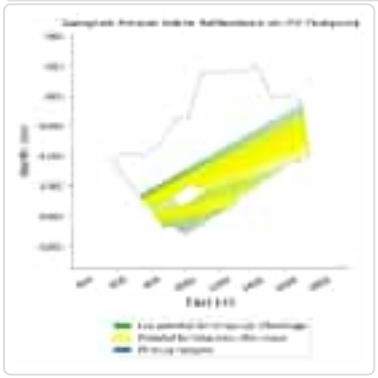
PV array is expected to produce the following glare for this receptor:

- 1,539 minutes of "green" glare with low potential to cause temporary after-image.
- 88 minutes of "yellow" glare with potential to cause temporary after-image.





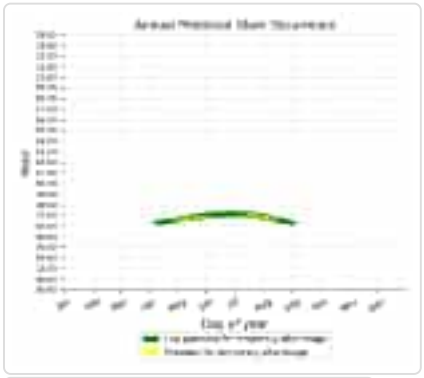


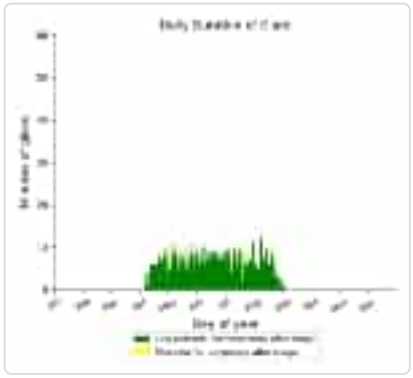


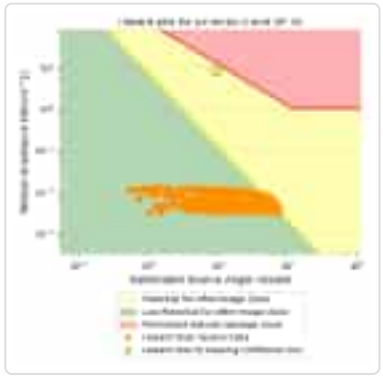
PV array 3: OP 35

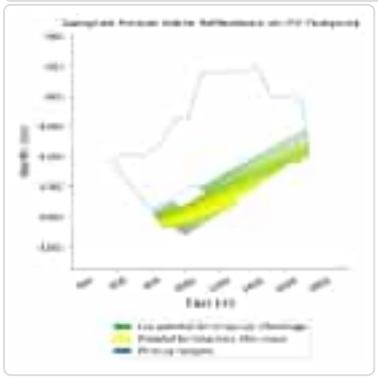
PV array is expected to produce the following glare for this receptor:

- 1,023 minutes of "green" glare with low potential to cause temporary after-image.
- 36 minutes of "yellow" glare with potential to cause temporary after-image.





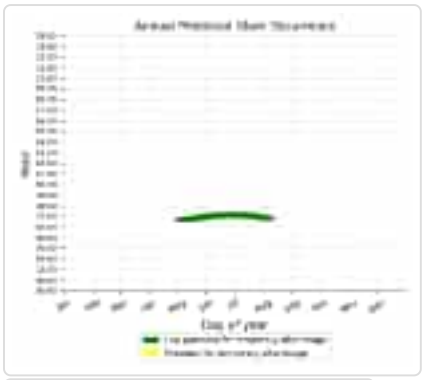


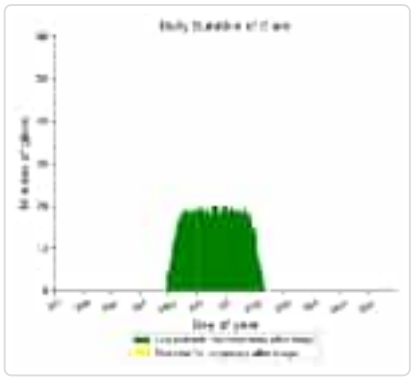


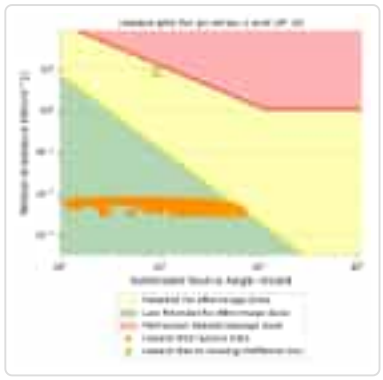
PV array 3: OP 36

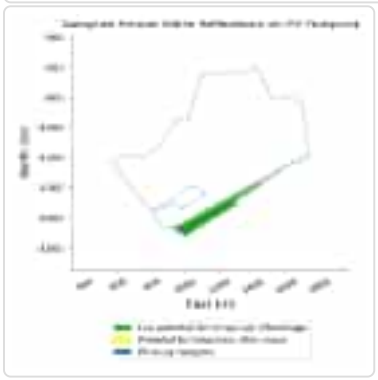
PV array is expected to produce the following glare for this receptor:

- 1,735 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









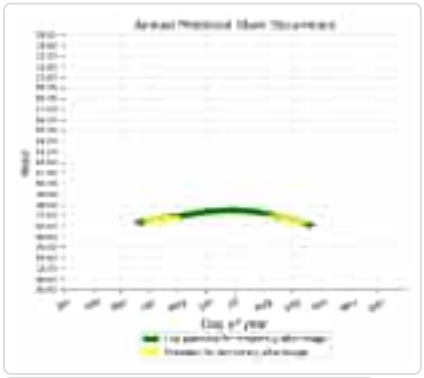
PV array 3: OP 37

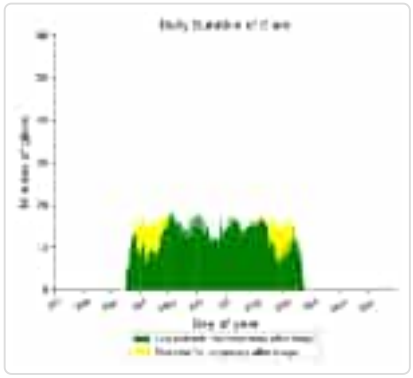
No glare found

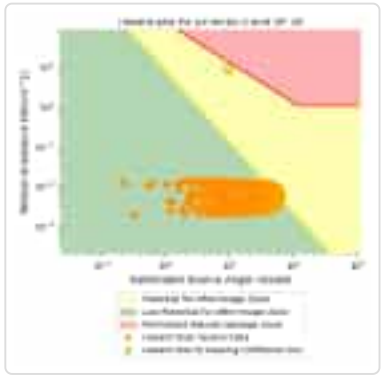
PV array 3: OP 38

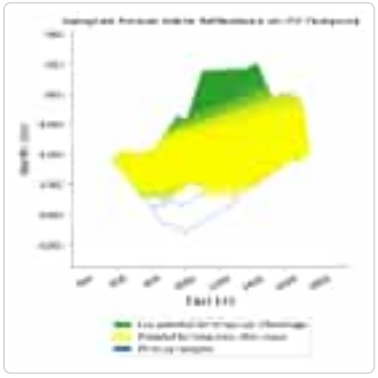
PV array is expected to produce the following glare for this receptor:

- 2,396 minutes of "green" glare with low potential to cause temporary after-image.
- 386 minutes of "yellow" glare with potential to cause temporary after-image.





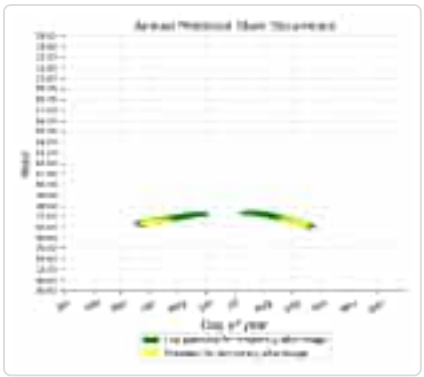


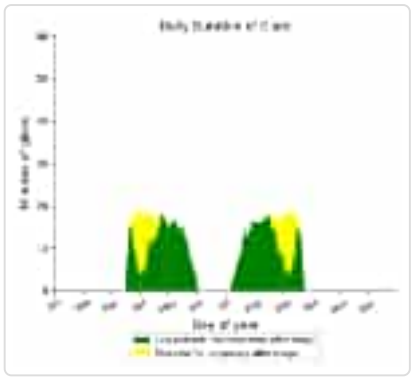


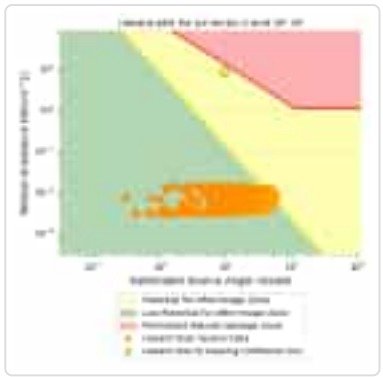
PV array 3: OP 39

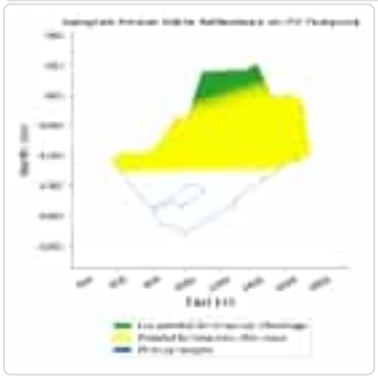
PV array is expected to produce the following glare for this receptor:

- 1,739 minutes of "green" glare with low potential to cause temporary after-image.
- 526 minutes of "yellow" glare with potential to cause temporary after-image.





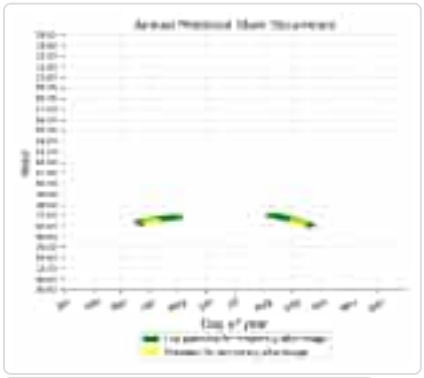


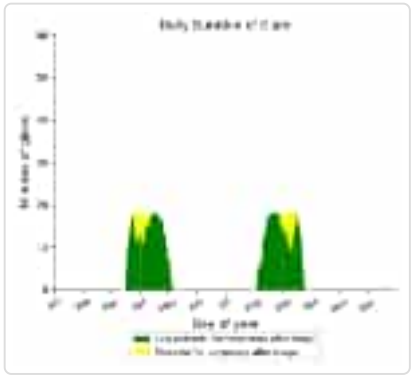


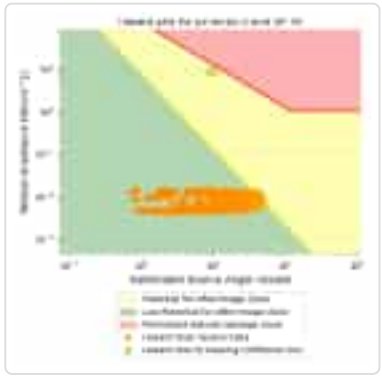
PV array 3: OP 40

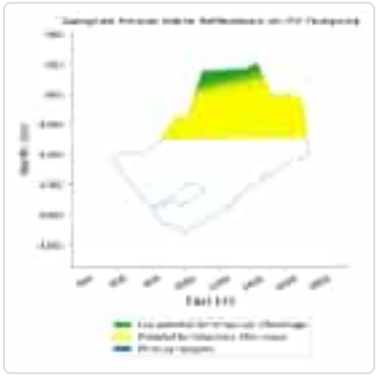
PV array is expected to produce the following glare for this receptor:

- 1,330 minutes of "green" glare with low potential to cause temporary after-image.
- 183 minutes of "yellow" glare with potential to cause temporary after-image.





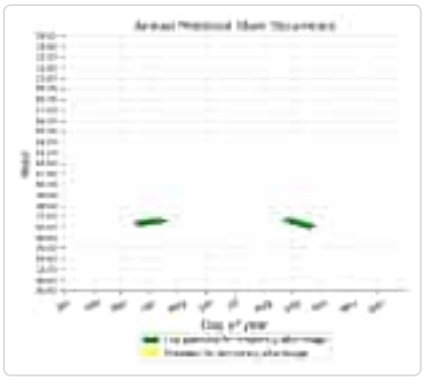


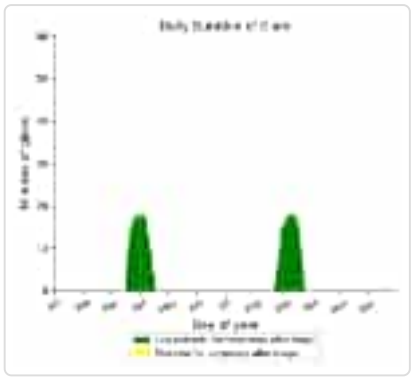


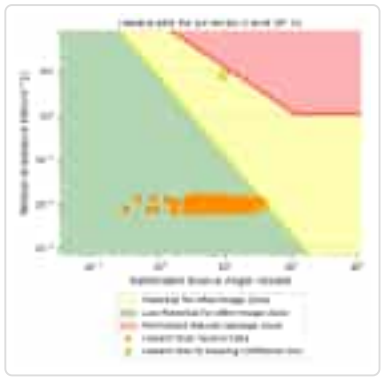
PV array 3: OP 41

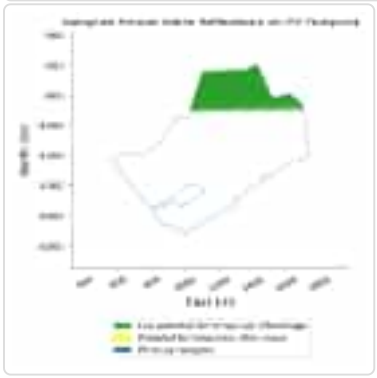
PV array is expected to produce the following glare for this receptor:

- 849 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





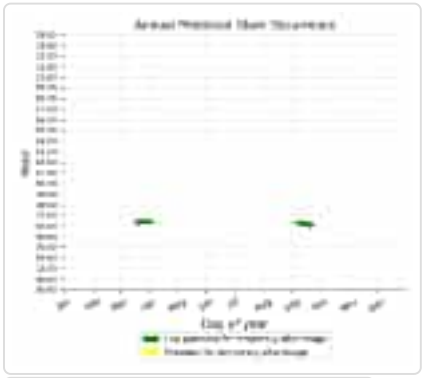


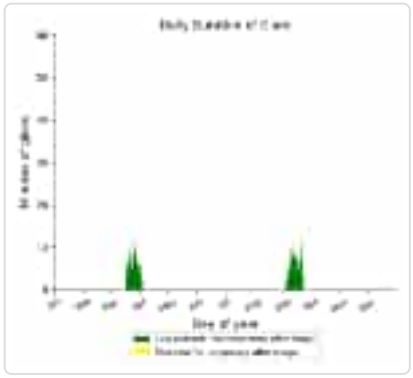


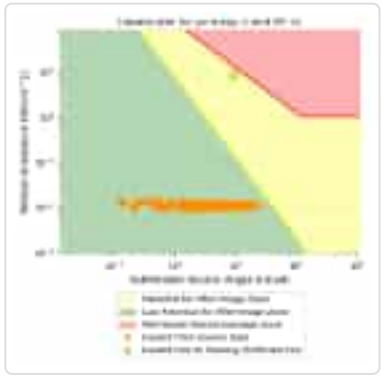
PV array 3: OP 42

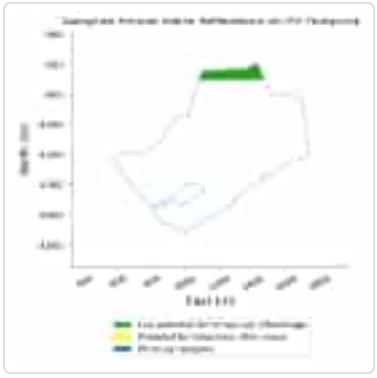
PV array is expected to produce the following glare for this receptor:

- 242 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 43

No glare found

PV array 3: OP 44

No glare found

PV array 3: OP 45

No glare found

PV array 3: OP 46

No glare found

PV array 3: OP 47

No glare found

PV array 3: OP 48

No glare found

PV array 3: OP 49

No glare found

PV array 3: OP 50

No glare found

PV array 3: OP 51

No glare found

PV array 3: OP 52

No glare found

PV array 3: OP 53

No glare found

PV array 3: OP 54

No glare found

PV array 3: OP 55

No glare found

PV array 3: OP 56

No glare found

PV array 3: OP 57

No glare found

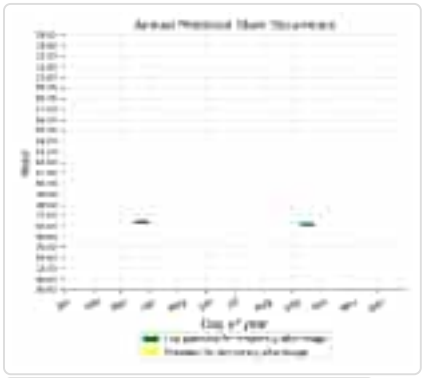
PV array 3: OP 58

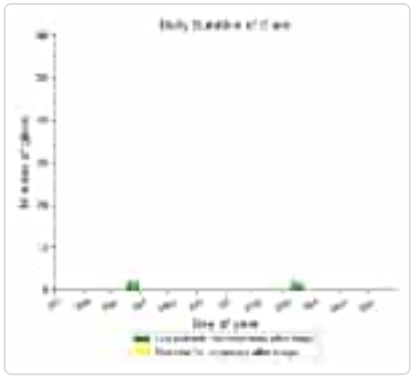
No glare found

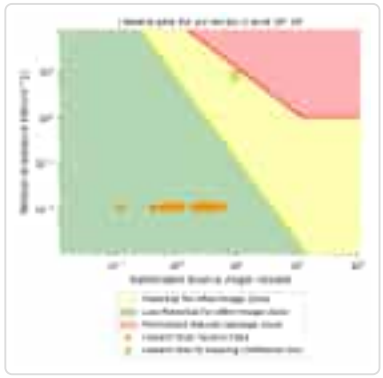
PV array 3: OP 59

PV array is expected to produce the following glare for this receptor:

- 38 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 3: OP 60

No glare found

PV array 3: OP 61

No glare found

PV array 3: OP 62

No glare found

PV array 3: OP 63

No glare found

PV array 3: OP 64

No glare found

PV array 3: OP 65

No glare found

PV array 3: OP 66

No glare found

PV array 3: OP 67

No glare found

PV array 3: OP 68

No glare found

PV array 3: OP 69

No glare found

PV array 3: OP 70

No glare found

PV array 3: OP 71

No glare found

PV array 3: OP 72

No glare found

PV array 3: OP 73

No glare found

PV array 3: OP 74

No glare found

PV array 3: OP 75

No glare found

PV array 3: OP 76

No glare found

PV array 3: OP 77

No glare found

PV array 3: OP 78

No glare found

PV array 3: OP 79

No glare found

PV array 3: OP 80

No glare found

PV array 4 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	1878	5081
OP: OP 13	1493	4422
OP: OP 14	2156	1529
OP: OP 15	3024	4655
OP: OP 16	1680	5865
OP: OP 17	1274	3436
OP: OP 18	1724	1980
OP: OP 19	1721	1879
OP: OP 20	702	695
OP: OP 21	354	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	3058	0
OP: OP 31	2968	0
OP: OP 32	2733	0
OP: OP 33	2548	0
OP: OP 34	2273	0
OP: OP 35	1710	0
OP: OP 36	506	0
OP: OP 37	0	0
OP: OP 38	3262	0
OP: OP 39	3237	0
OP: OP 40	2095	37

OP: OP 41	1498	65
OP: OP 42	1056	0
OP: OP 43	755	0
OP: OP 44	526	0
OP: OP 45	168	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	914	0
OP: OP 59	711	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	74	0
OP: OP 80	1633	6049

PV array 4: OP 1

No glare found

PV array 4: OP 2

No glare found

PV array 4: OP 3

No glare found

PV array 4: OP 4

No glare found

PV array 4: OP 5

No glare found

PV array 4: OP 6

No glare found

PV array 4: OP 7

No glare found

PV array 4: OP 8

No glare found

PV array 4: OP 9

No glare found

PV array 4: OP 10

No glare found

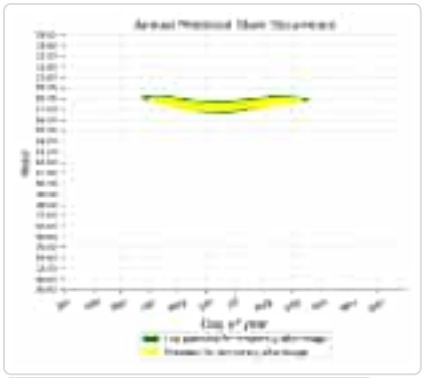
PV array 4: OP 11

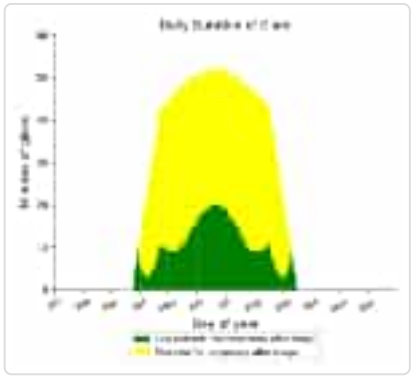
No glare found

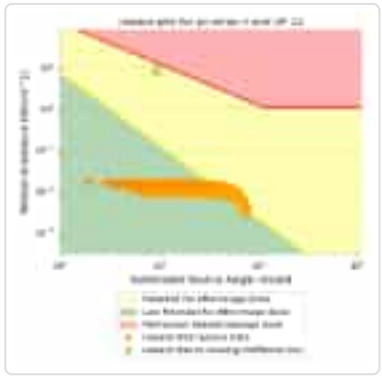
PV array 4: OP 12

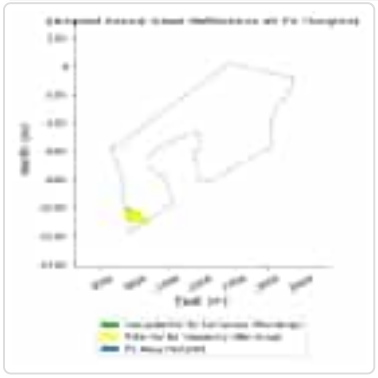
PV array is expected to produce the following glare for this receptor:

- 1,878 minutes of "green" glare with low potential to cause temporary after-image.
- 5,081 minutes of "yellow" glare with potential to cause temporary after-image.





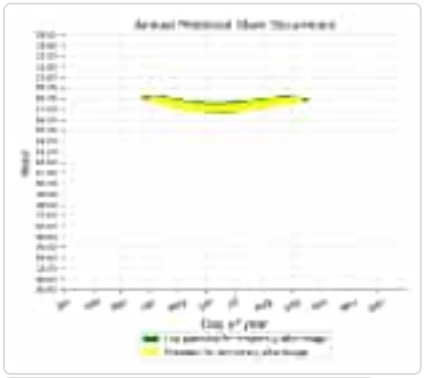


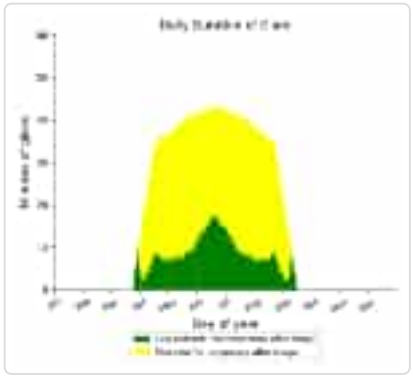


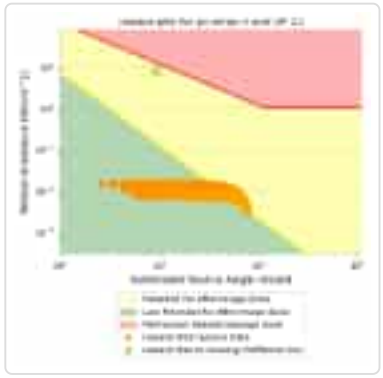
PV array 4: OP 13

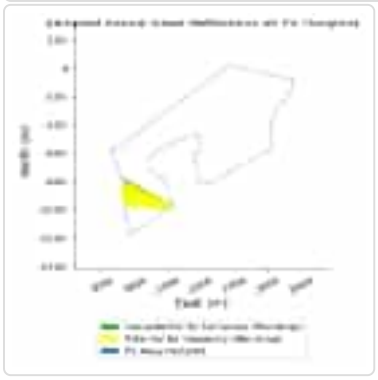
PV array is expected to produce the following glare for this receptor:

- 1,493 minutes of "green" glare with low potential to cause temporary after-image.
- 4,422 minutes of "yellow" glare with potential to cause temporary after-image.





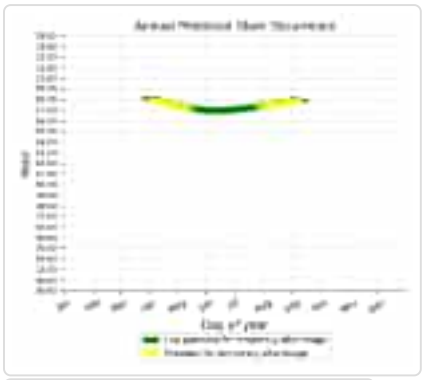


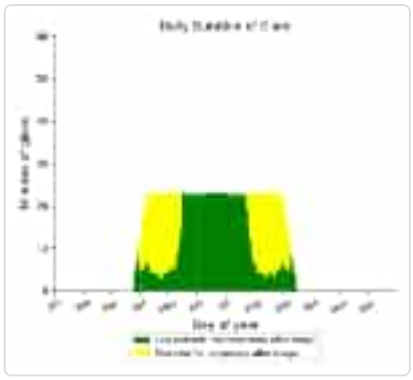


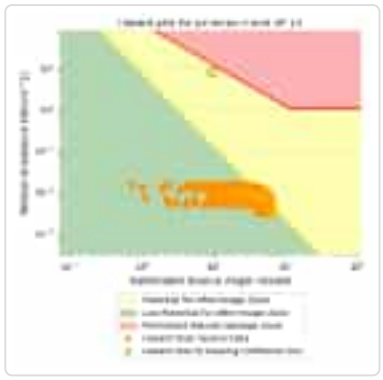
PV array 4: OP 14

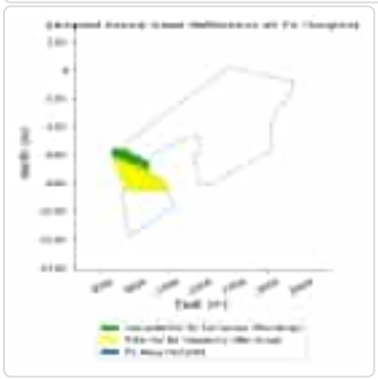
PV array is expected to produce the following glare for this receptor:

- 2,156 minutes of "green" glare with low potential to cause temporary after-image.
- 1,529 minutes of "yellow" glare with potential to cause temporary after-image.





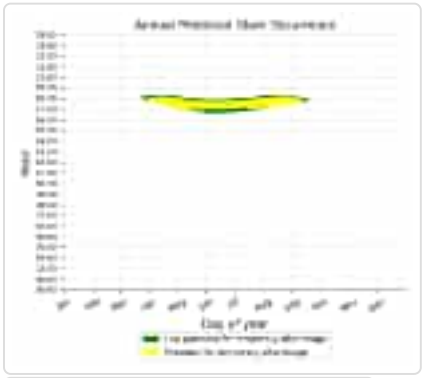


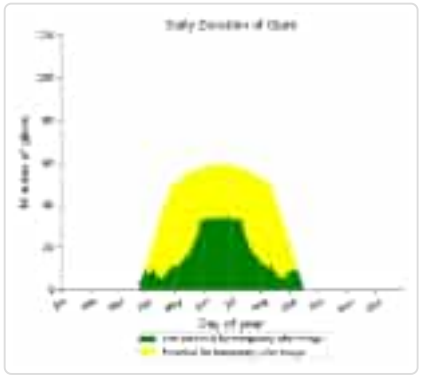


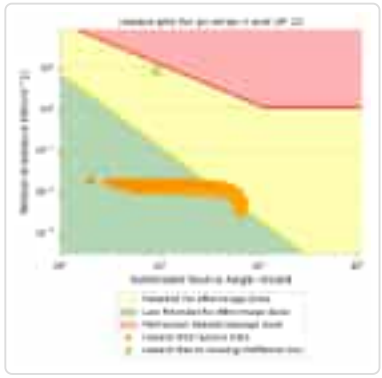
PV array 4: OP 15

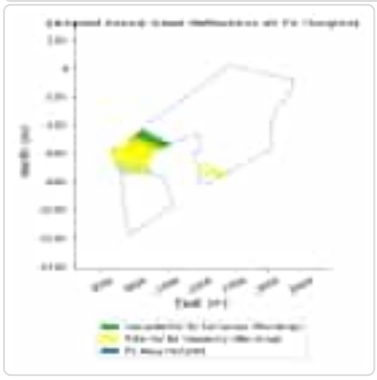
PV array is expected to produce the following glare for this receptor:

- 3,024 minutes of "green" glare with low potential to cause temporary after-image.
- 4,655 minutes of "yellow" glare with potential to cause temporary after-image.





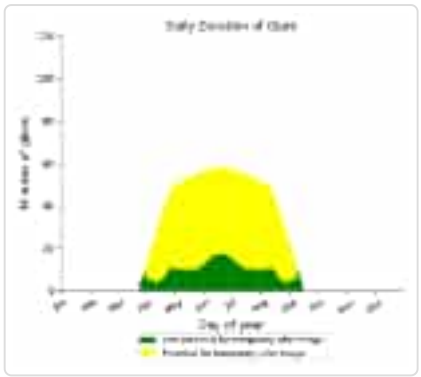


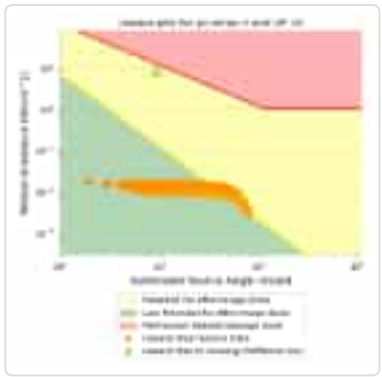


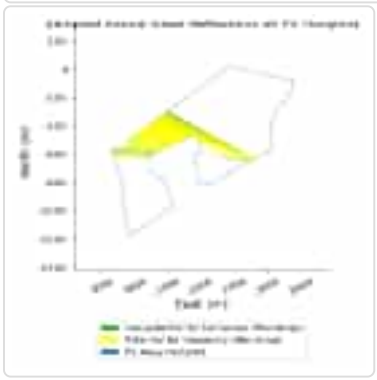
PV array 4: OP 16

PV array is expected to produce the following glare for this receptor:

- 1,680 minutes of "green" glare with low potential to cause temporary after-image.
- 5,865 minutes of "yellow" glare with potential to cause temporary after-image.



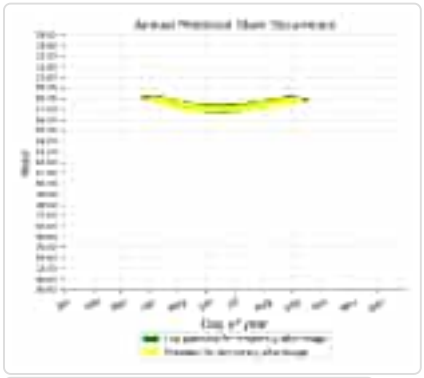


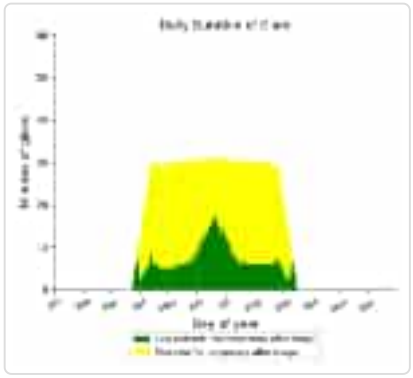


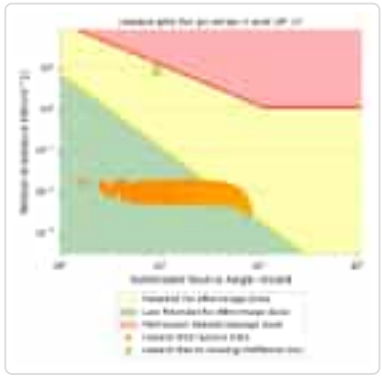
PV array 4: OP 17

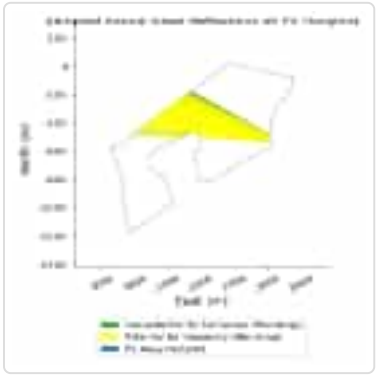
PV array is expected to produce the following glare for this receptor:

- 1,274 minutes of "green" glare with low potential to cause temporary after-image.
- 3,436 minutes of "yellow" glare with potential to cause temporary after-image.





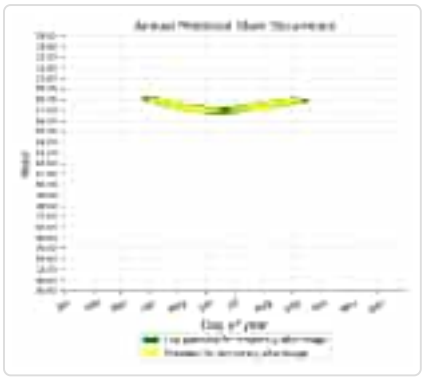


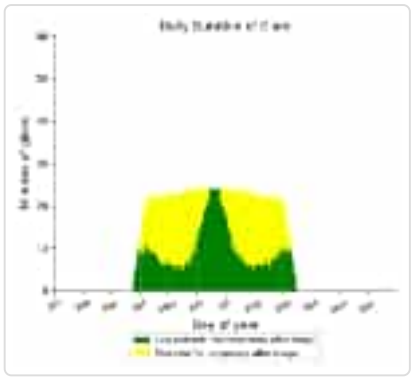


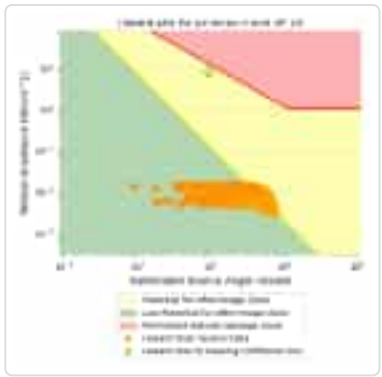
PV array 4: OP 18

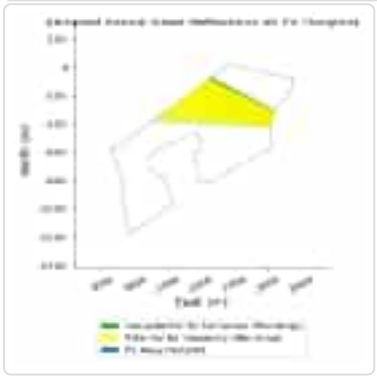
PV array is expected to produce the following glare for this receptor:

- 1,724 minutes of "green" glare with low potential to cause temporary after-image.
- 1,980 minutes of "yellow" glare with potential to cause temporary after-image.





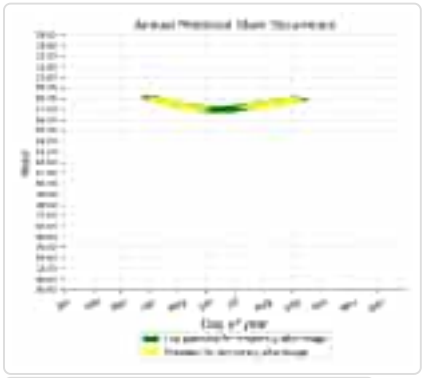


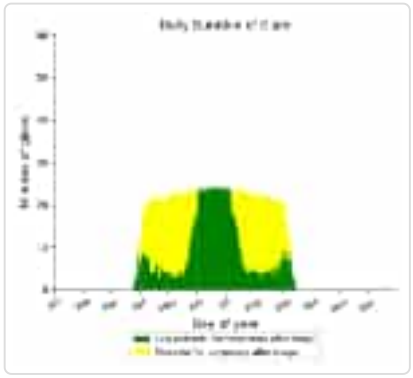


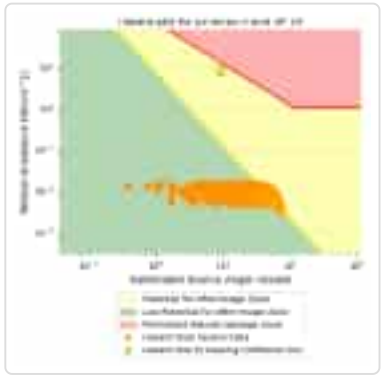
PV array 4: OP 19

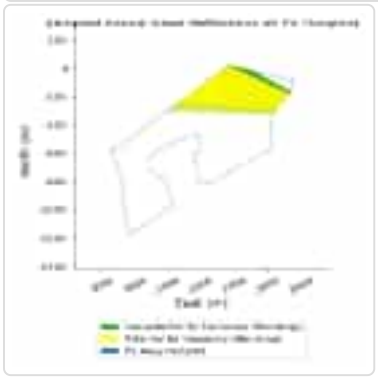
PV array is expected to produce the following glare for this receptor:

- 1,721 minutes of "green" glare with low potential to cause temporary after-image.
- 1,879 minutes of "yellow" glare with potential to cause temporary after-image.





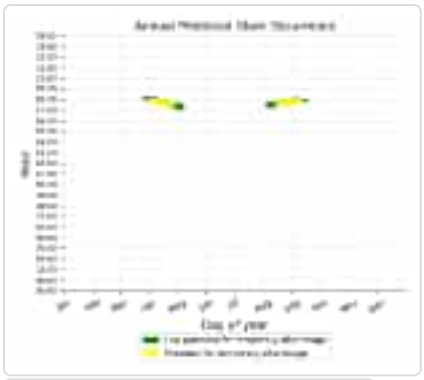


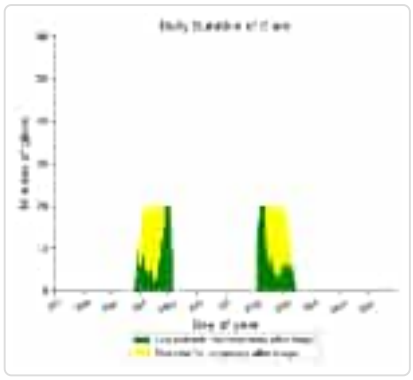


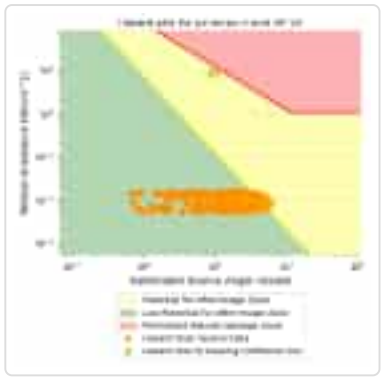
PV array 4: OP 20

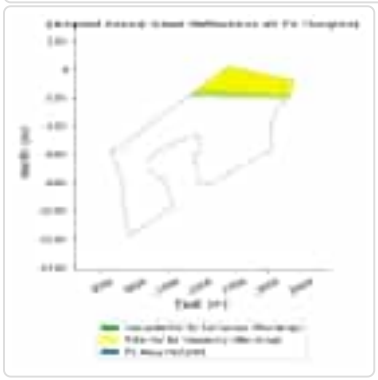
PV array is expected to produce the following glare for this receptor:

- 702 minutes of "green" glare with low potential to cause temporary after-image.
- 695 minutes of "yellow" glare with potential to cause temporary after-image.





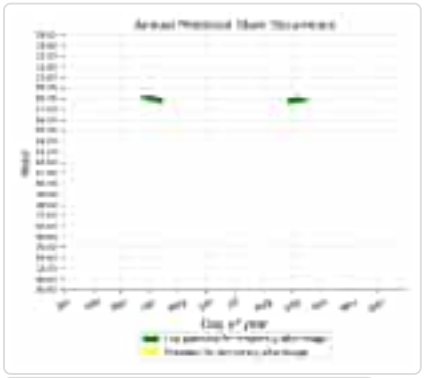


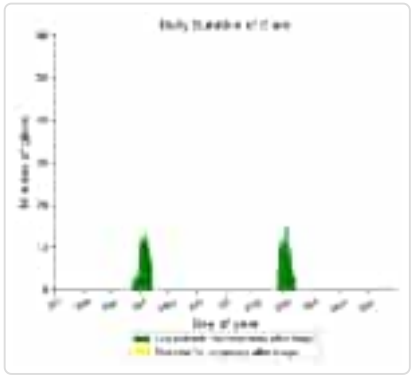


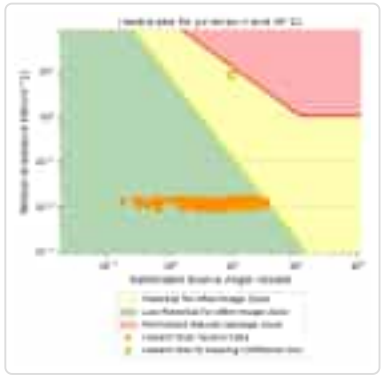
PV array 4: OP 21

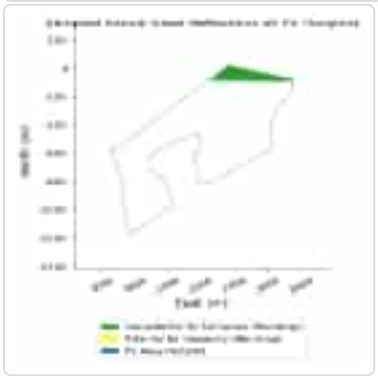
PV array is expected to produce the following glare for this receptor:

- 354 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 22

No glare found

PV array 4: OP 23

No glare found

PV array 4: OP 24

No glare found

PV array 4: OP 25

No glare found

PV array 4: OP 26

No glare found

PV array 4: OP 27

No glare found

PV array 4: OP 28

No glare found

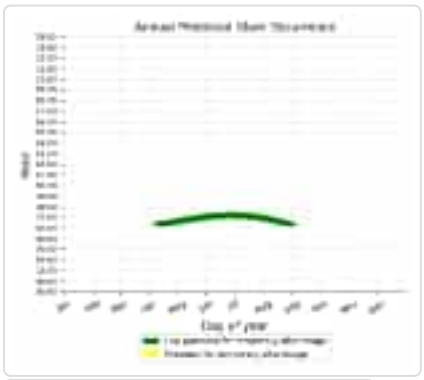
PV array 4: OP 29

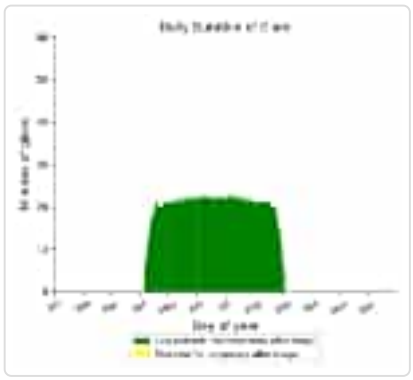
No glare found

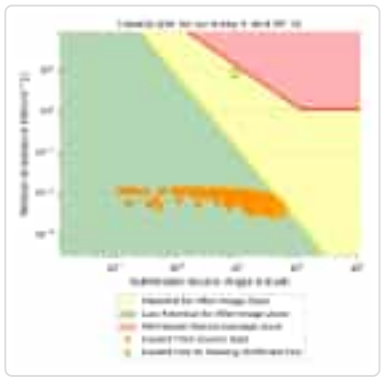
PV array 4: OP 30

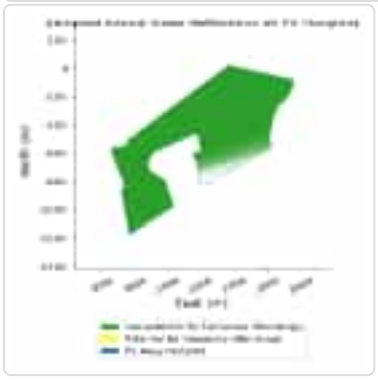
PV array is expected to produce the following glare for this receptor:

- 3,058 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





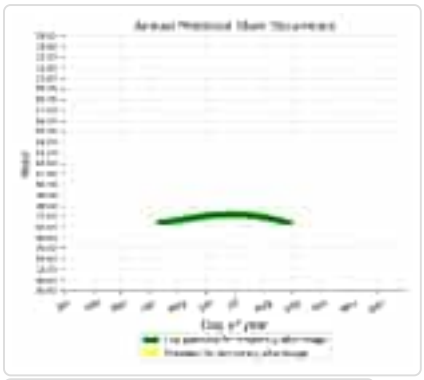


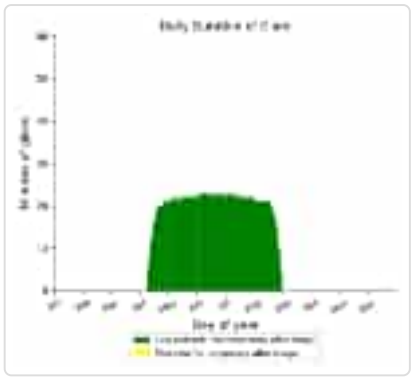


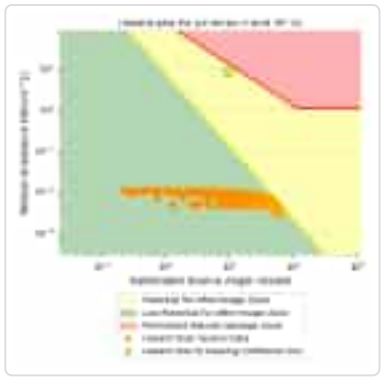
PV array 4: OP 31

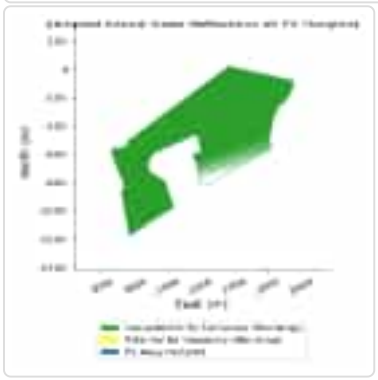
PV array is expected to produce the following glare for this receptor:

- 2,968 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





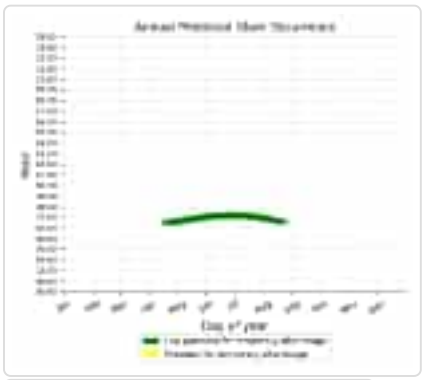


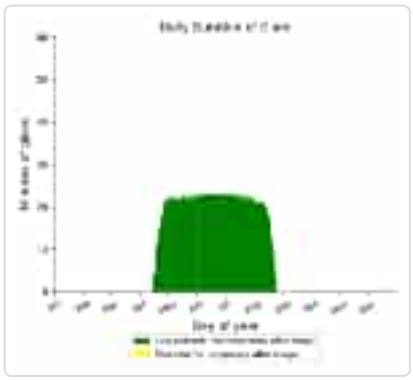


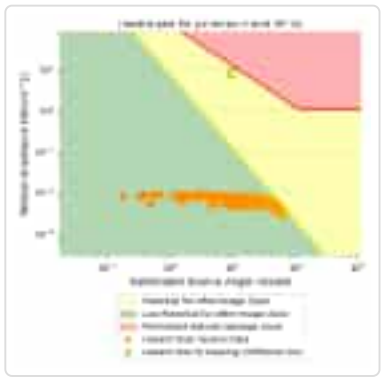
PV array 4: OP 32

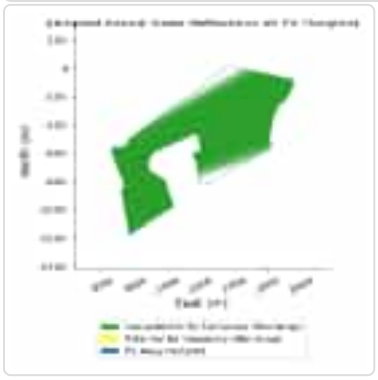
PV array is expected to produce the following glare for this receptor:

- 2,733 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





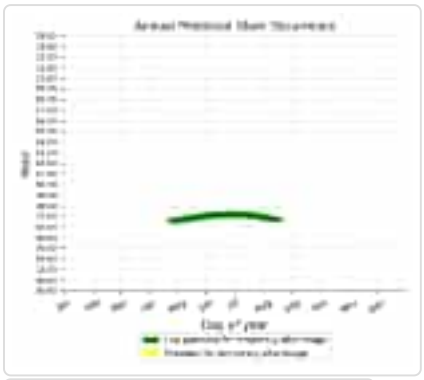


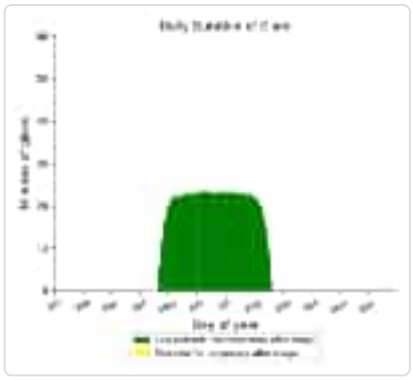


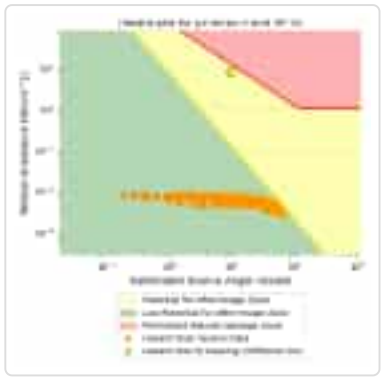
PV array 4: OP 33

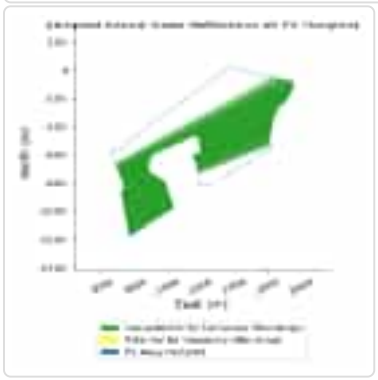
PV array is expected to produce the following glare for this receptor:

- 2,548 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





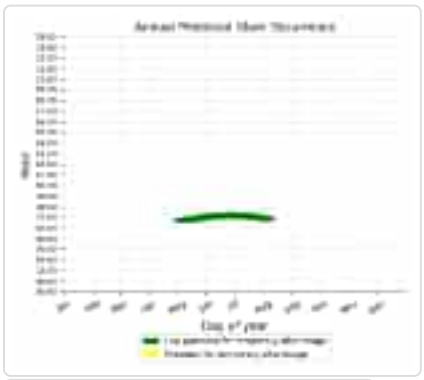


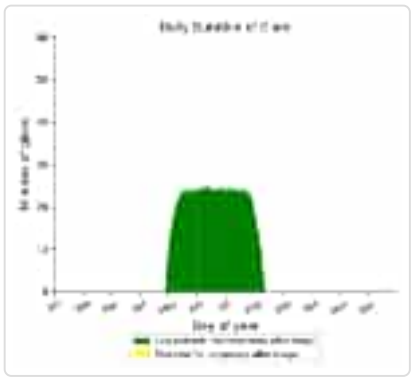


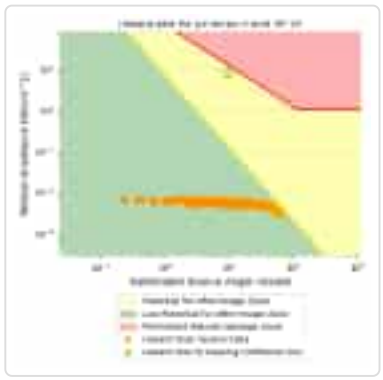
PV array 4: OP 34

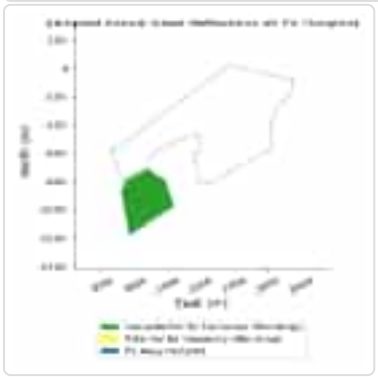
PV array is expected to produce the following glare for this receptor:

- 2,273 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





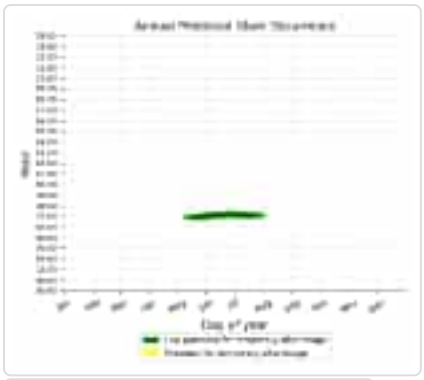


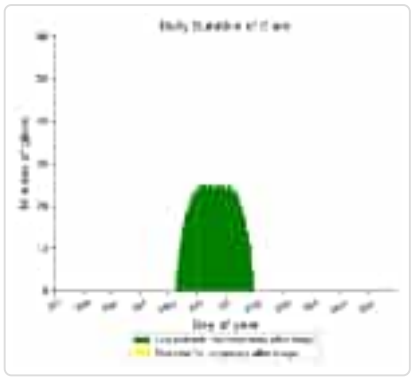


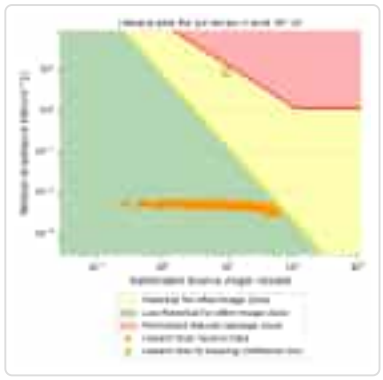
PV array 4: OP 35

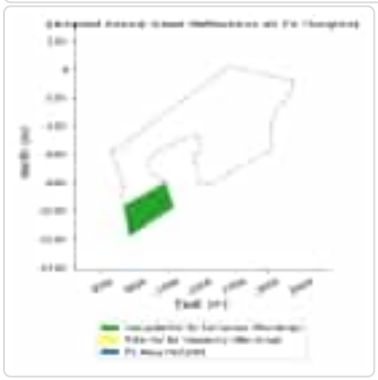
PV array is expected to produce the following glare for this receptor:

- 1,710 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





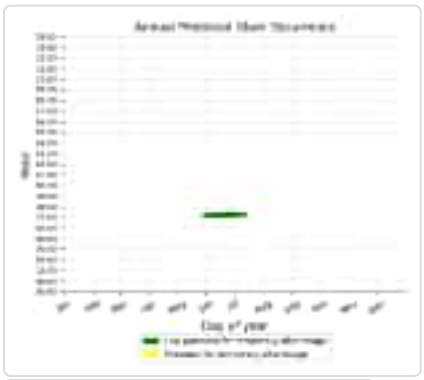


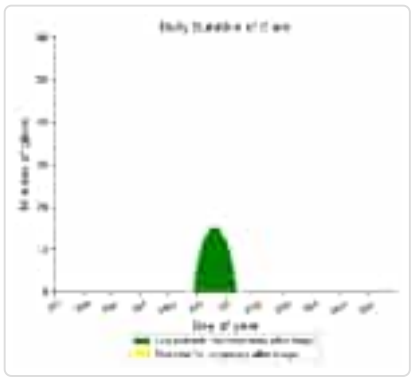


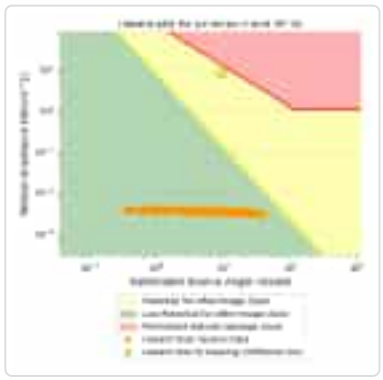
PV array 4: OP 36

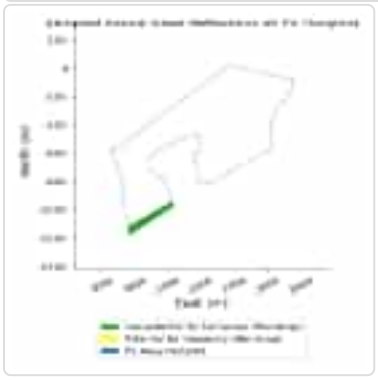
PV array is expected to produce the following glare for this receptor:

- 506 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









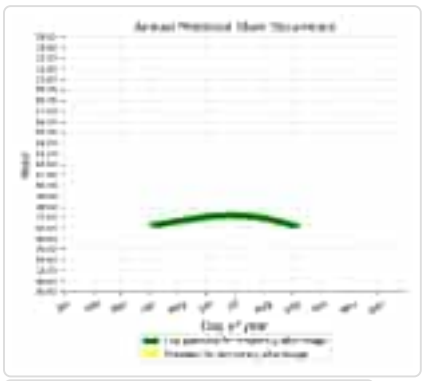
PV array 4: OP 37

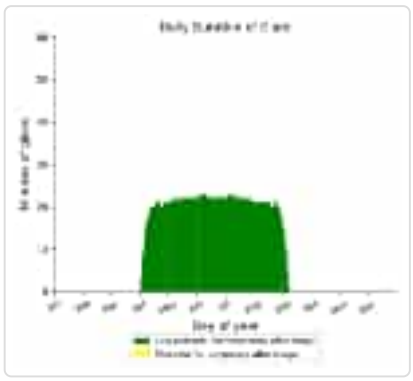
No glare found

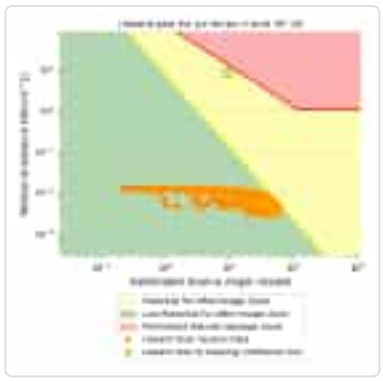
PV array 4: OP 38

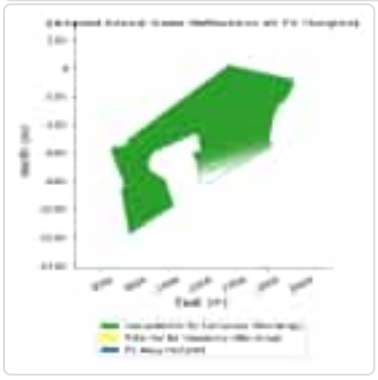
PV array is expected to produce the following glare for this receptor:

- 3,262 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





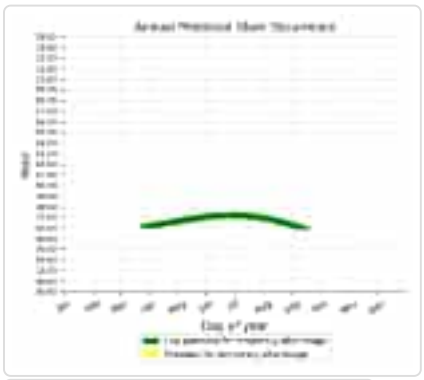


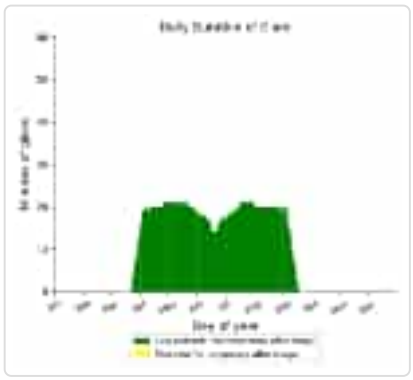


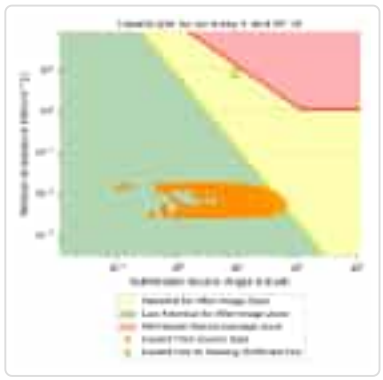
PV array 4: OP 39

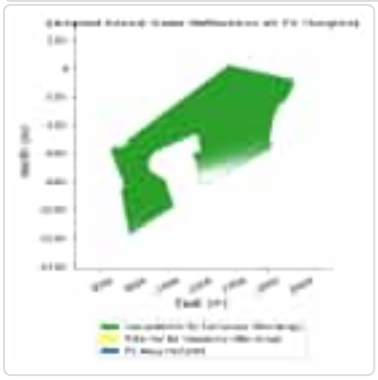
PV array is expected to produce the following glare for this receptor:

- 3,237 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





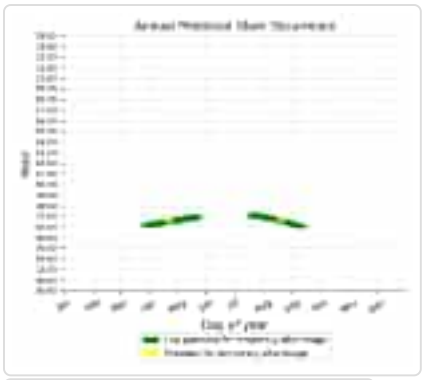


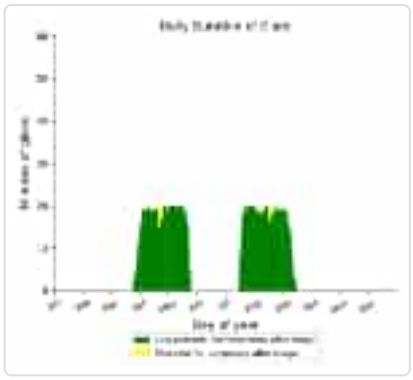


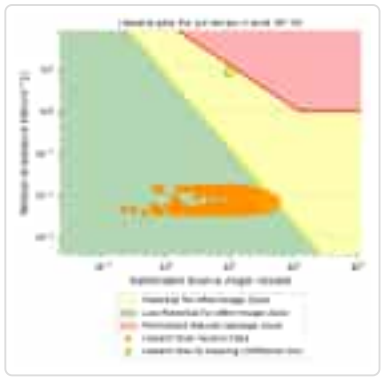
PV array 4: OP 40

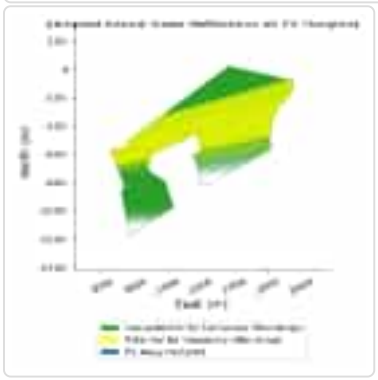
PV array is expected to produce the following glare for this receptor:

- 2,095 minutes of "green" glare with low potential to cause temporary after-image.
- 37 minutes of "yellow" glare with potential to cause temporary after-image.





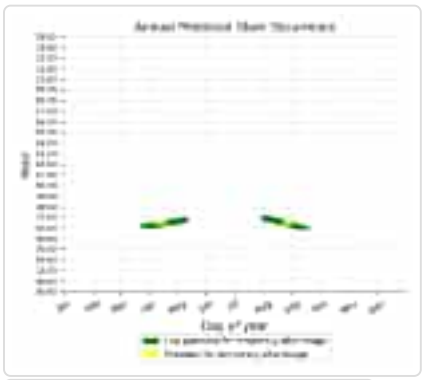


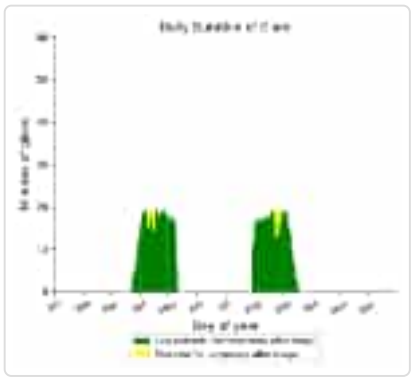


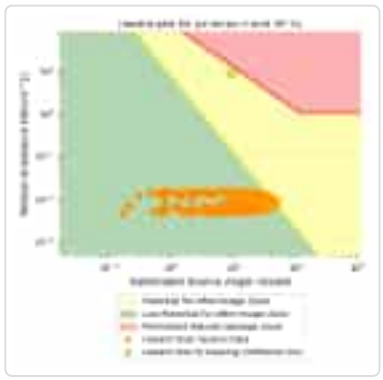
PV array 4: OP 41

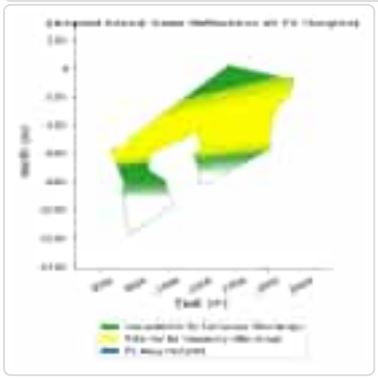
PV array is expected to produce the following glare for this receptor:

- 1,498 minutes of "green" glare with low potential to cause temporary after-image.
- 65 minutes of "yellow" glare with potential to cause temporary after-image.





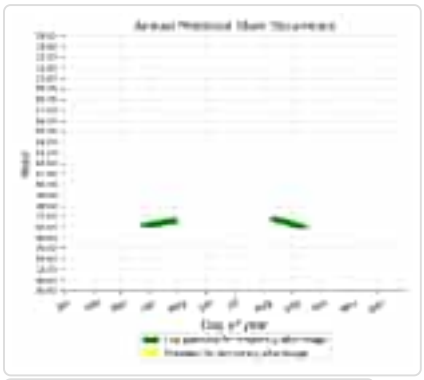


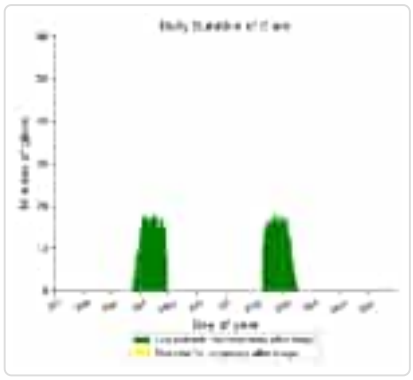


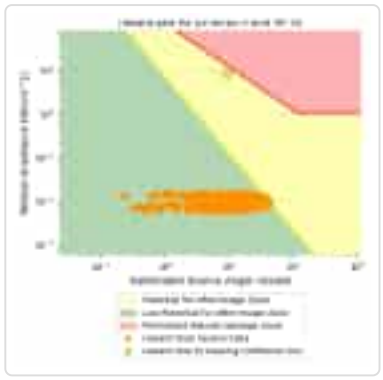
PV array 4: OP 42

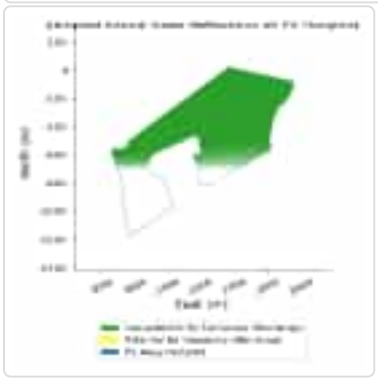
PV array is expected to produce the following glare for this receptor:

- 1,056 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





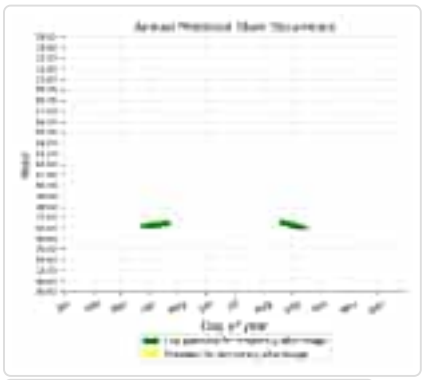


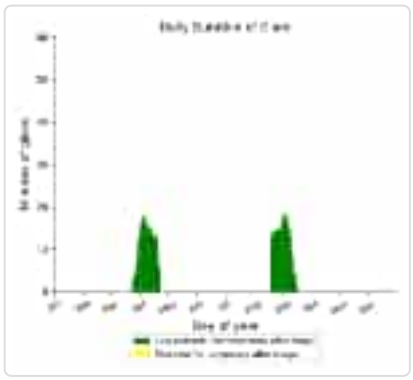


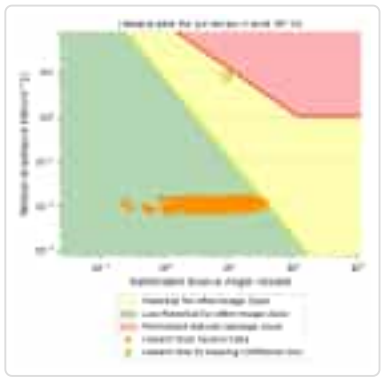
PV array 4: OP 43

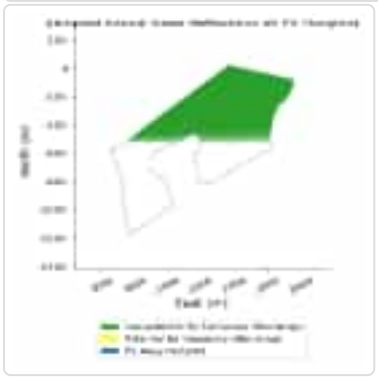
PV array is expected to produce the following glare for this receptor:

- 755 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





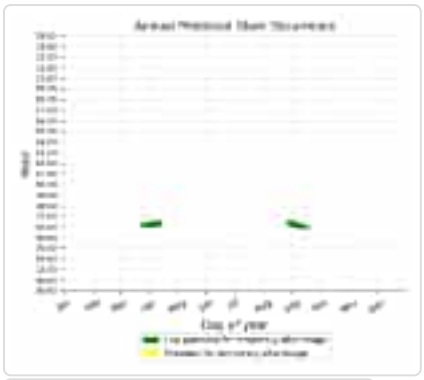


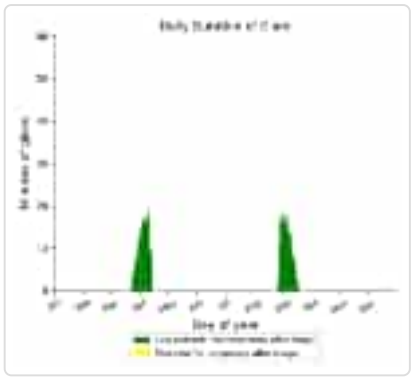


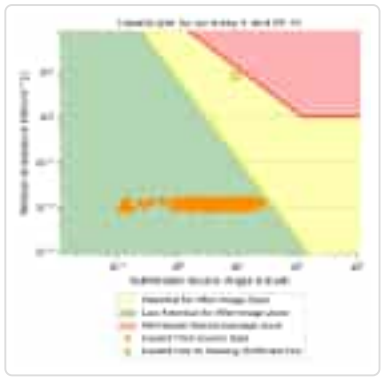
PV array 4: OP 44

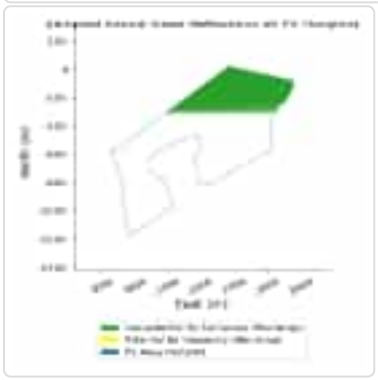
PV array is expected to produce the following glare for this receptor:

- 526 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





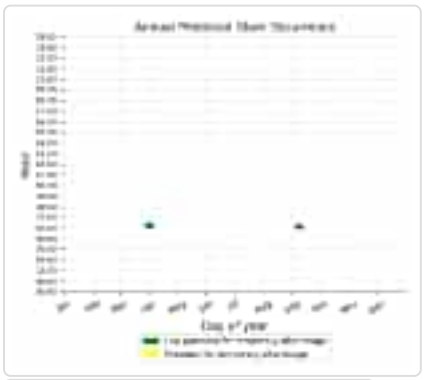


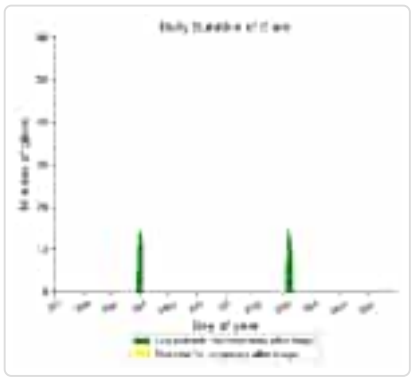


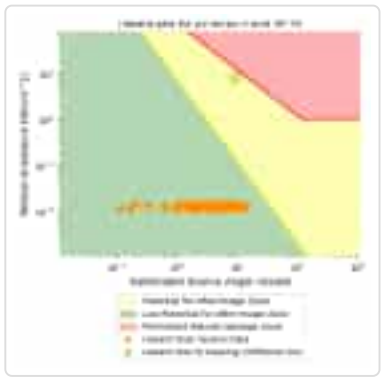
PV array 4: OP 45

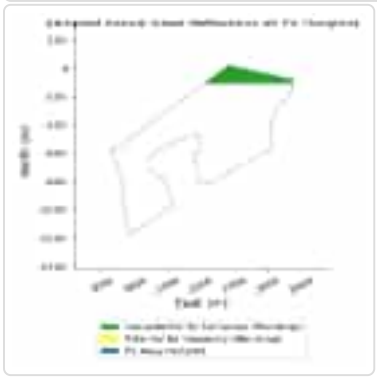
PV array is expected to produce the following glare for this receptor:

- 168 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 46

No glare found

PV array 4: OP 47

No glare found

PV array 4: OP 48

No glare found

PV array 4: OP 49

No glare found

PV array 4: OP 50

No glare found

PV array 4: OP 51

No glare found

PV array 4: OP 52

No glare found

PV array 4: OP 53

No glare found

PV array 4: OP 54

No glare found

PV array 4: OP 55

No glare found

PV array 4: OP 56

No glare found

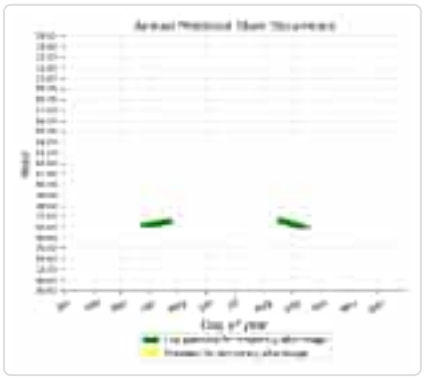
PV array 4: OP 57

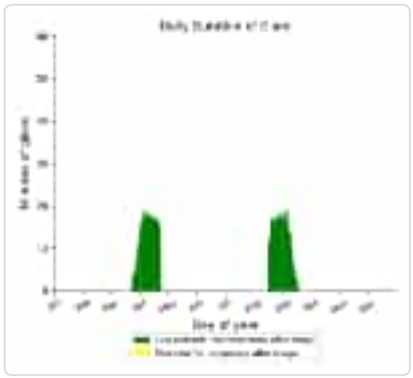
No glare found

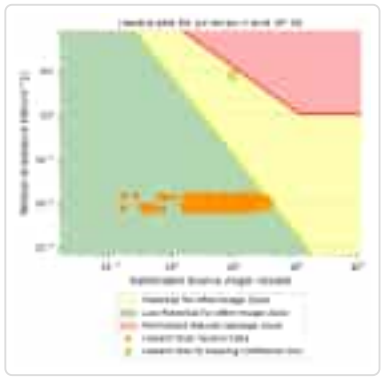
PV array 4: OP 58

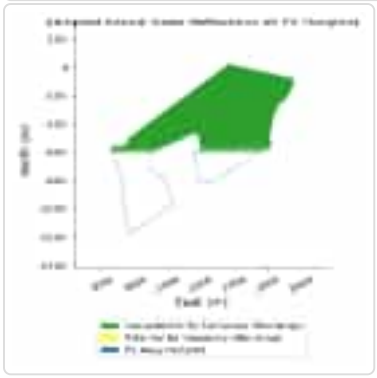
PV array is expected to produce the following glare for this receptor:

- 914 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





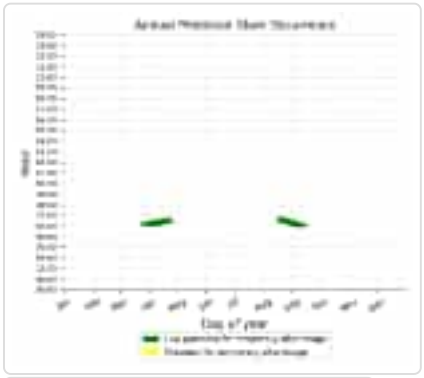


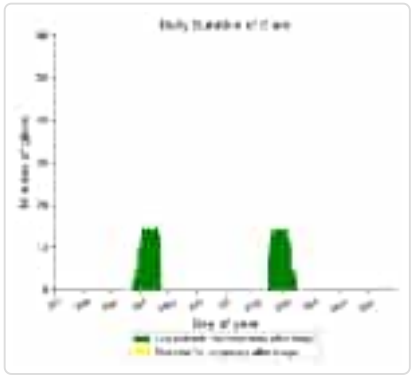


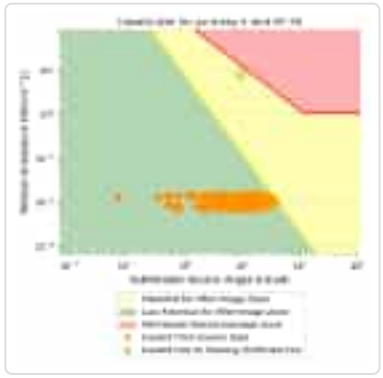
PV array 4: OP 59

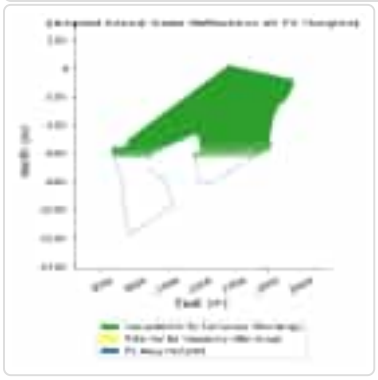
PV array is expected to produce the following glare for this receptor:

- 711 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 60

No glare found

PV array 4: OP 61

No glare found

PV array 4: OP 62

No glare found

PV array 4: OP 63

No glare found

PV array 4: OP 64

No glare found

PV array 4: OP 65

No glare found

PV array 4: OP 66

No glare found

PV array 4: OP 67

No glare found

PV array 4: OP 68

No glare found

PV array 4: OP 69

No glare found

PV array 4: OP 70

No glare found

PV array 4: OP 71

No glare found

PV array 4: OP 72

No glare found

PV array 4: OP 73

No glare found

PV array 4: OP 74

No glare found

PV array 4: OP 75

No glare found

PV array 4: OP 76

No glare found

PV array 4: OP 77

No glare found

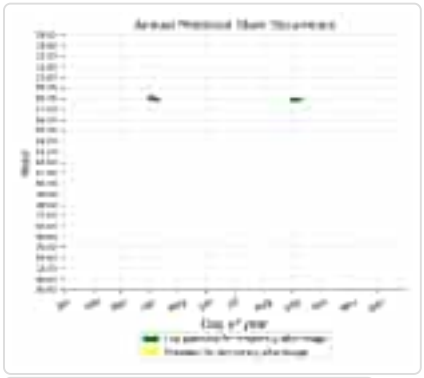
PV array 4: OP 78

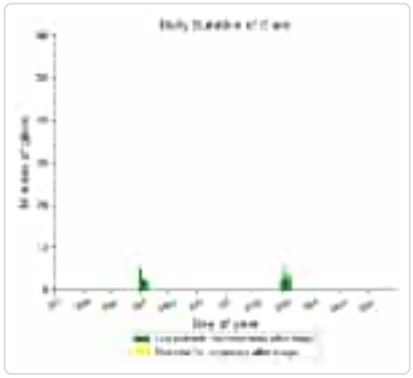
No glare found

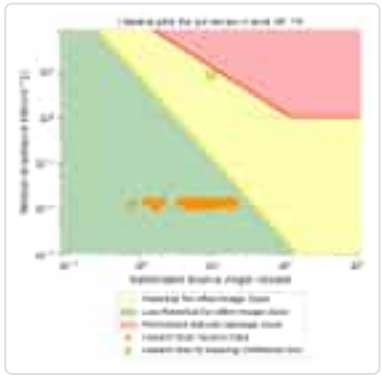
PV array 4: OP 79

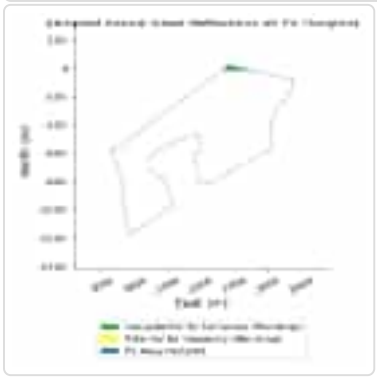
PV array is expected to produce the following glare for this receptor:

- 74 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





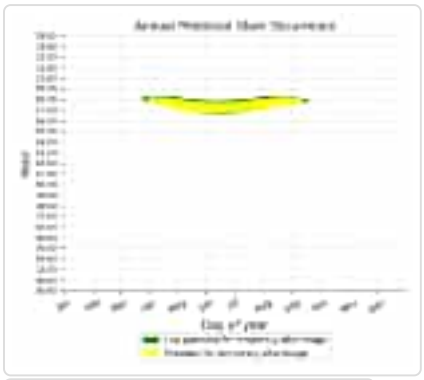


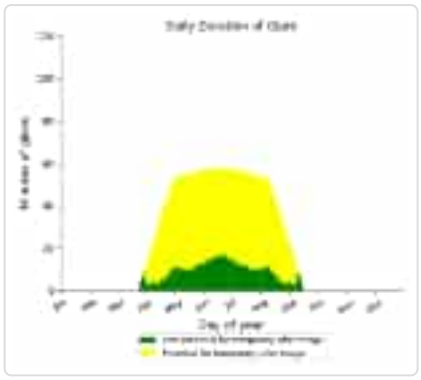


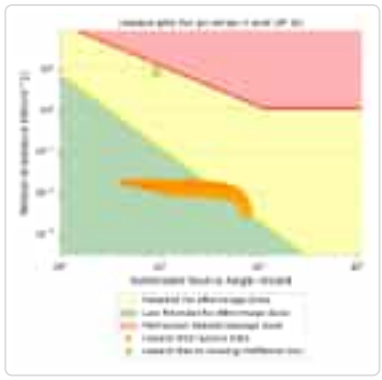
PV array 4: OP 80

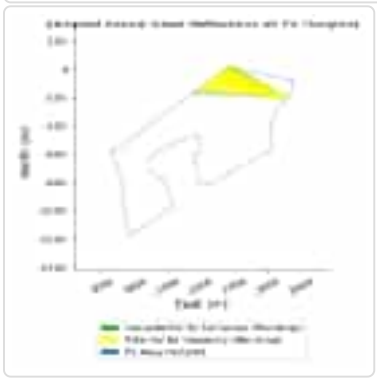
PV array is expected to produce the following glare for this receptor:

- 1,633 minutes of "green" glare with low potential to cause temporary after-image.
- 6,049 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)

OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	2280	4659
OP: OP 21	2763	3911
OP: OP 22	3754	1753
OP: OP 23	2734	4
OP: OP 24	611	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	2889	0
OP: OP 31	2912	0
OP: OP 32	2742	0
OP: OP 33	2483	0
OP: OP 34	2075	0
OP: OP 35	1534	0
OP: OP 36	521	0
OP: OP 37	0	0
OP: OP 38	2938	0
OP: OP 39	2578	0
OP: OP 40	2062	0
OP: OP 41	1860	0
OP: OP 42	1720	0
OP: OP 43	1624	0
OP: OP 44	1333	0
OP: OP 45	963	0
OP: OP 46	660	0
OP: OP 47	509	0
OP: OP 48	119	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0

OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	1621	0
OP: OP 59	1557	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	2544	771
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	3770	1408
OP: OP 80	4150	1407

PV array 5: OP 1

No glare found

PV array 5: OP 2

No glare found

PV array 5: OP 3

No glare found

PV array 5: OP 4

No glare found

PV array 5: OP 5

No glare found

PV array 5: OP 6

No glare found

PV array 5: OP 7

No glare found

PV array 5: OP 8

No glare found

PV array 5: OP 9

No glare found

PV array 5: OP 10

No glare found

PV array 5: OP 11

No glare found

PV array 5: OP 12

No glare found

PV array 5: OP 13

No glare found

PV array 5: OP 14

No glare found

PV array 5: OP 15

No glare found

PV array 5: OP 16

No glare found

PV array 5: OP 17

No glare found

PV array 5: OP 18

No glare found

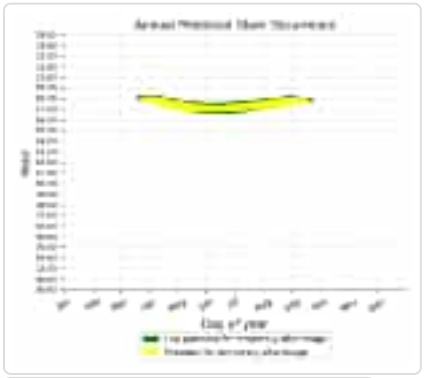
PV array 5: OP 19

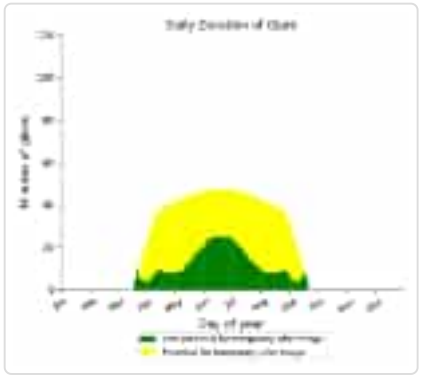
No glare found

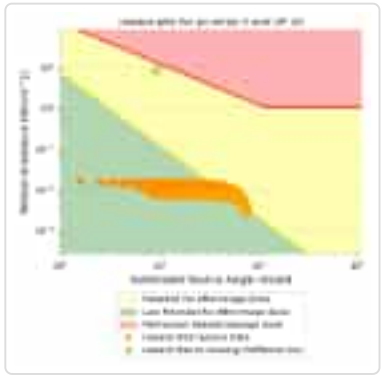
PV array 5: OP 20

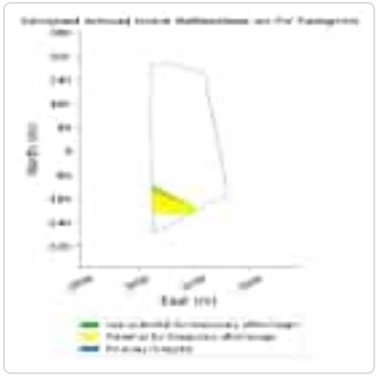
PV array is expected to produce the following glare for this receptor:

- 2,280 minutes of "green" glare with low potential to cause temporary after-image.
- 4,659 minutes of "yellow" glare with potential to cause temporary after-image.





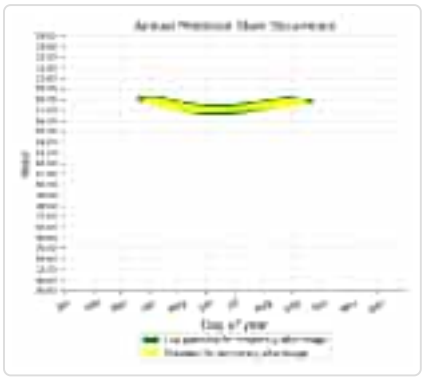


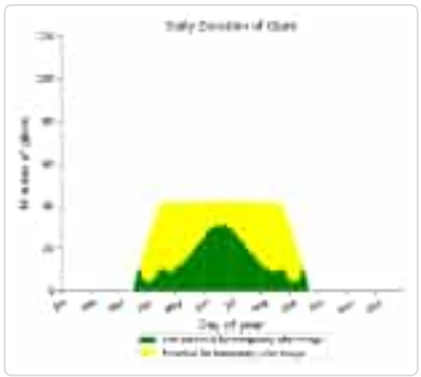


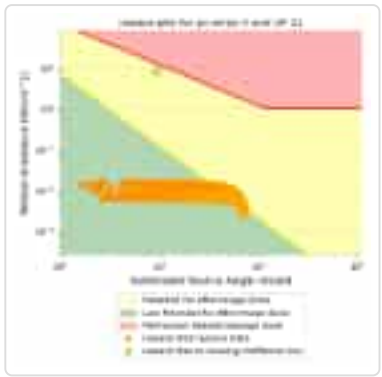
PV array 5: OP 21

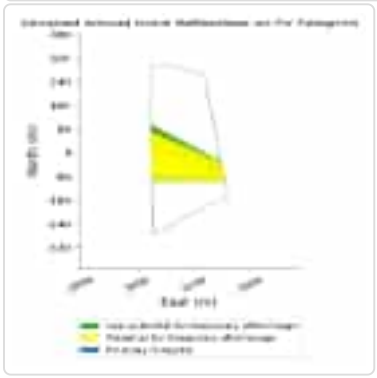
PV array is expected to produce the following glare for this receptor:

- 2,763 minutes of "green" glare with low potential to cause temporary after-image.
- 3,911 minutes of "yellow" glare with potential to cause temporary after-image.





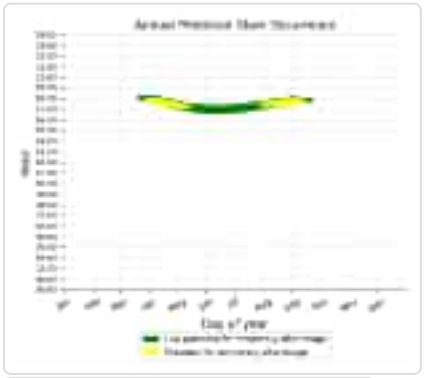


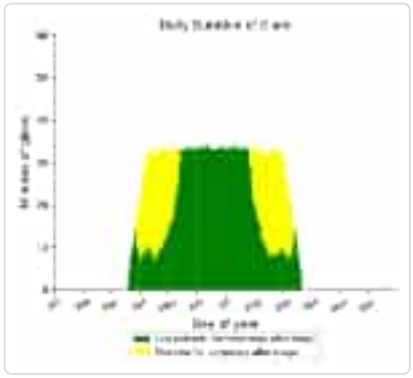


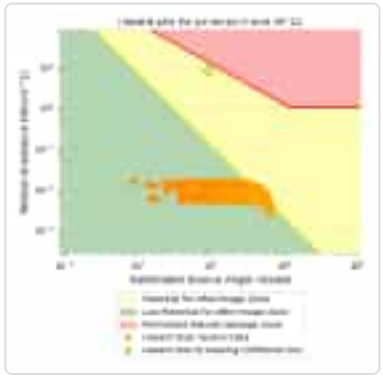
PV array 5: OP 22

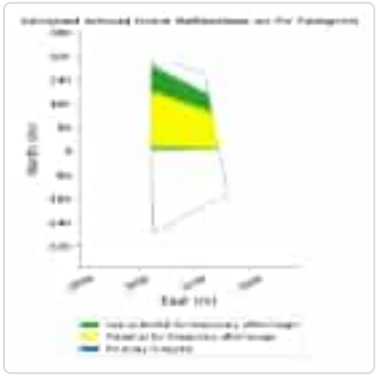
PV array is expected to produce the following glare for this receptor:

- 3,754 minutes of "green" glare with low potential to cause temporary after-image.
- 1,753 minutes of "yellow" glare with potential to cause temporary after-image.





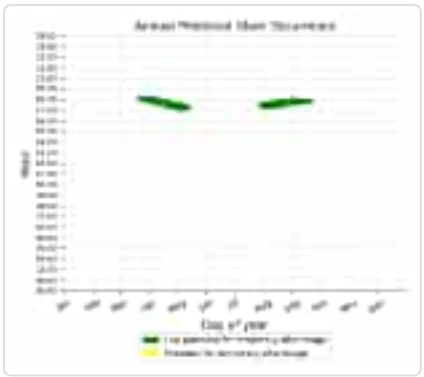


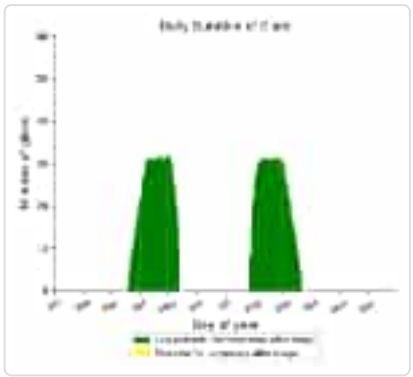


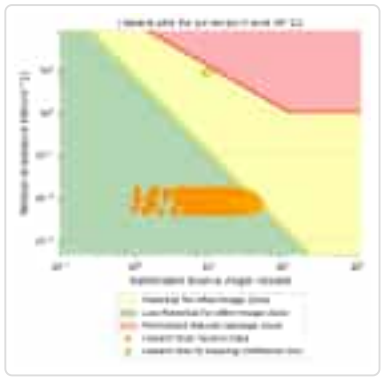
PV array 5: OP 23

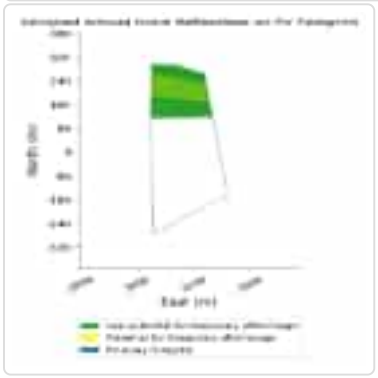
PV array is expected to produce the following glare for this receptor:

- 2,734 minutes of "green" glare with low potential to cause temporary after-image.
- 4 minutes of "yellow" glare with potential to cause temporary after-image.





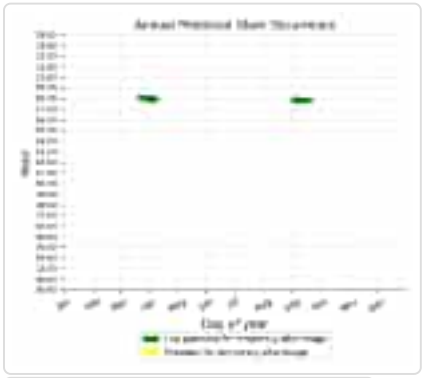


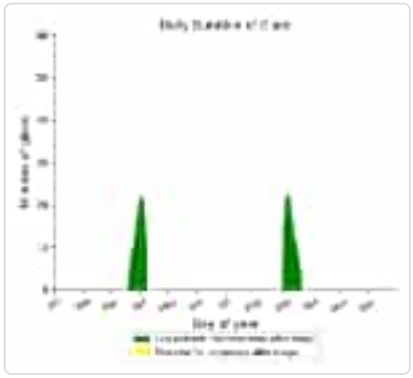


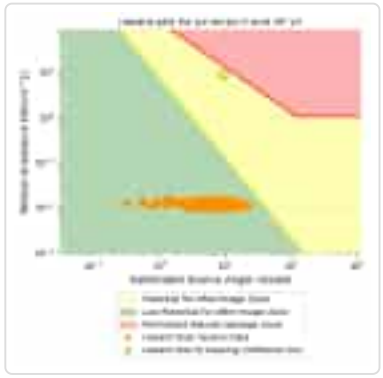
PV array 5: OP 24

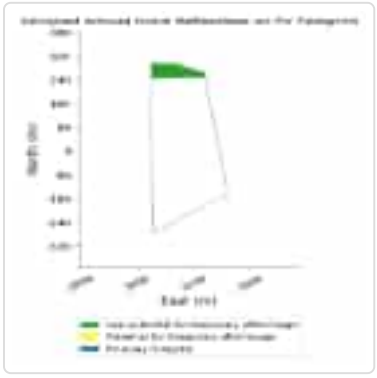
PV array is expected to produce the following glare for this receptor:

- 611 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 25

No glare found

PV array 5: OP 26

No glare found

PV array 5: OP 27

No glare found

PV array 5: OP 28

No glare found

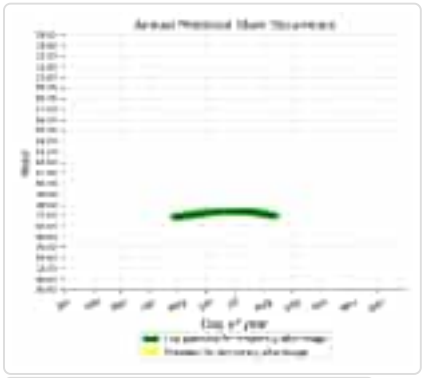
PV array 5: OP 29

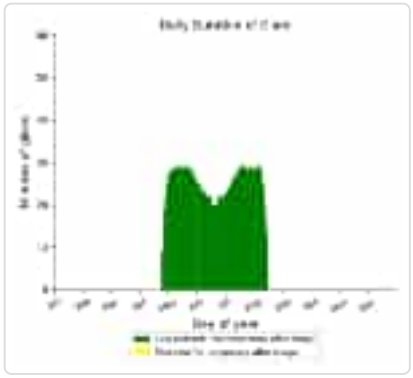
No glare found

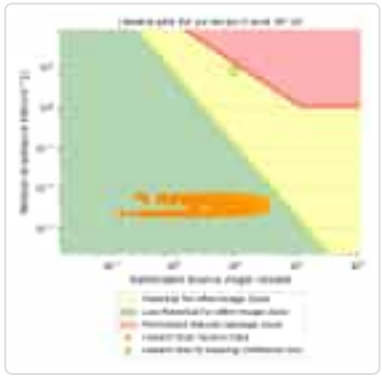
PV array 5: OP 30

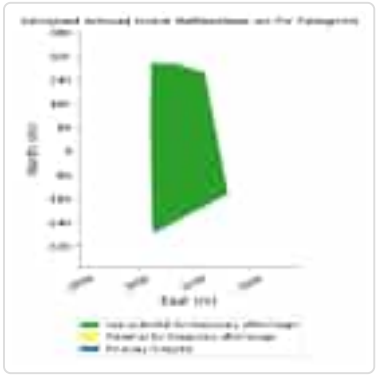
PV array is expected to produce the following glare for this receptor:

- 2,889 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





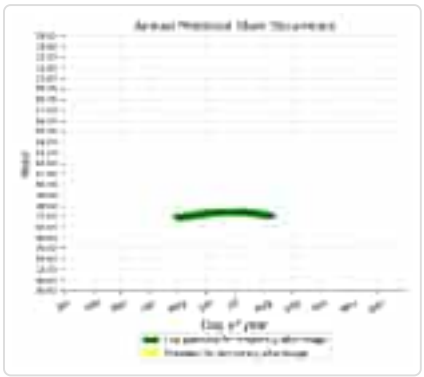


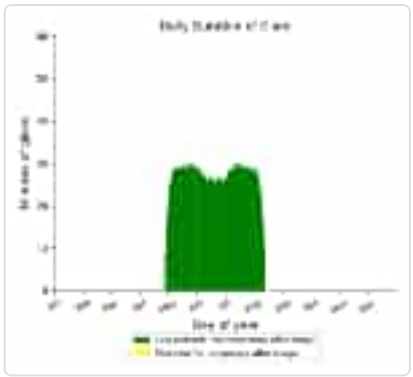


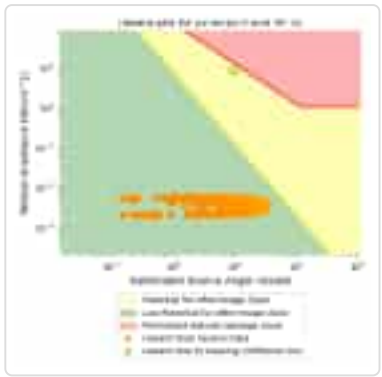
PV array 5: OP 31

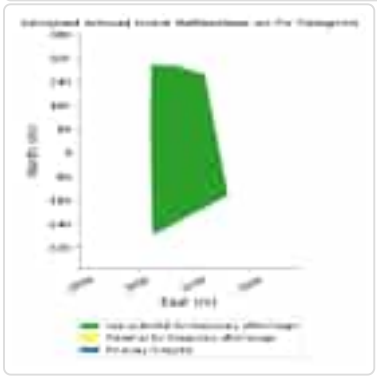
PV array is expected to produce the following glare for this receptor:

- 2,912 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





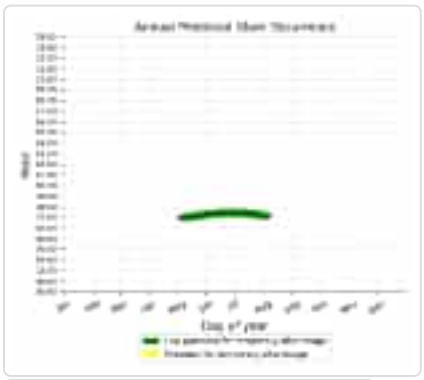


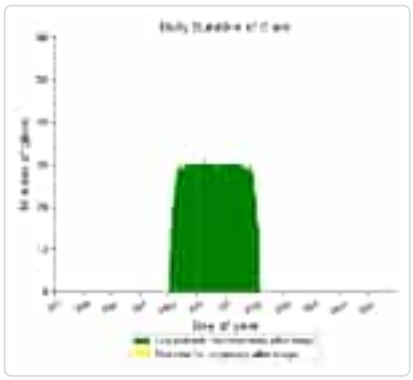


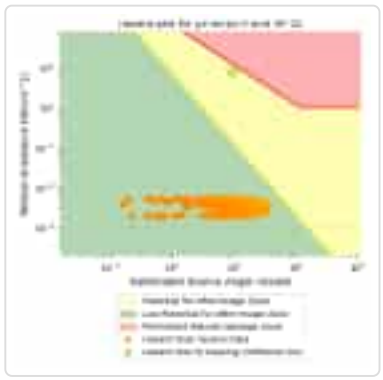
PV array 5: OP 32

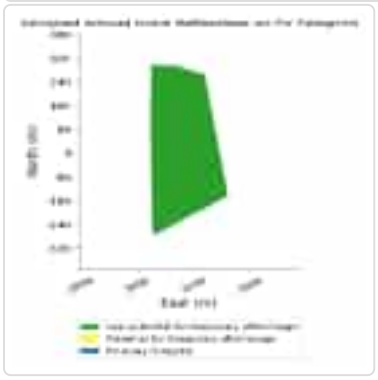
PV array is expected to produce the following glare for this receptor:

- 2,742 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





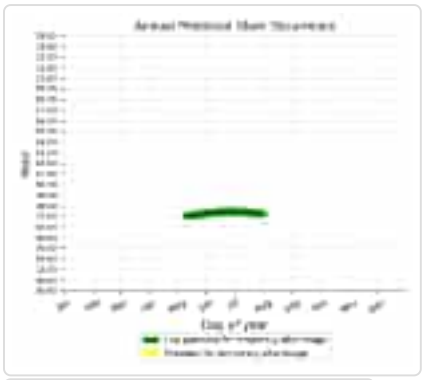


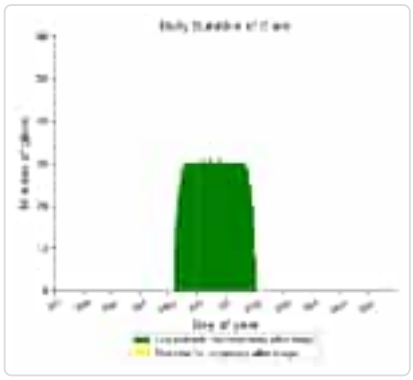


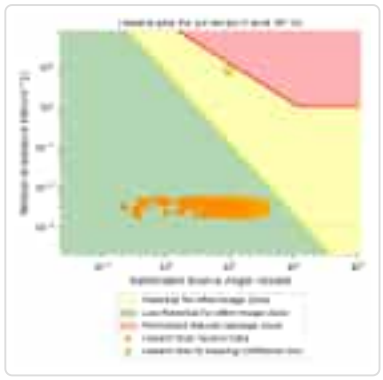
PV array 5: OP 33

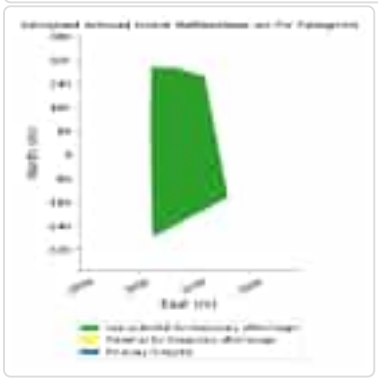
PV array is expected to produce the following glare for this receptor:

- 2,483 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





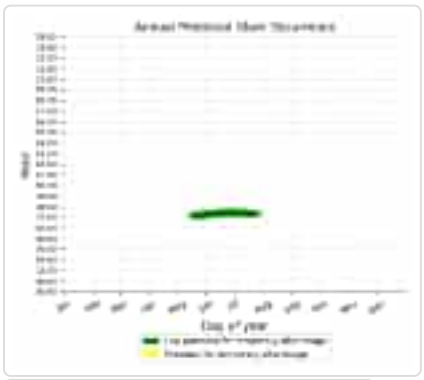


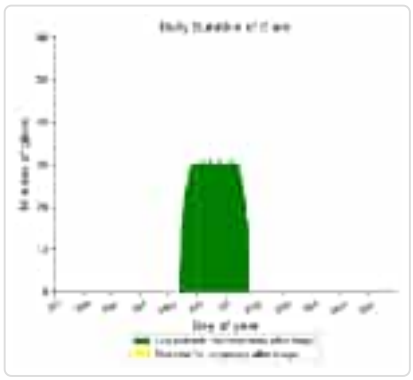


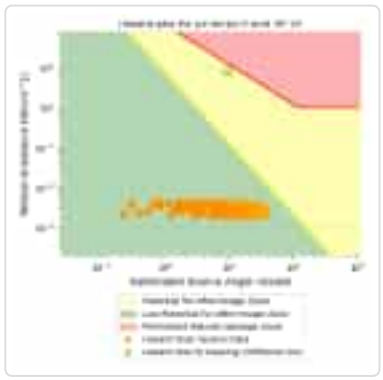
PV array 5: OP 34

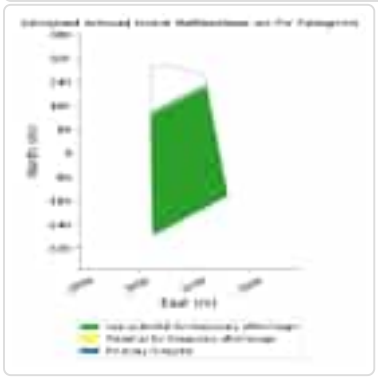
PV array is expected to produce the following glare for this receptor:

- 2,075 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





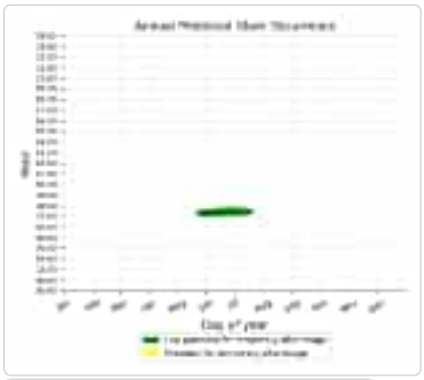


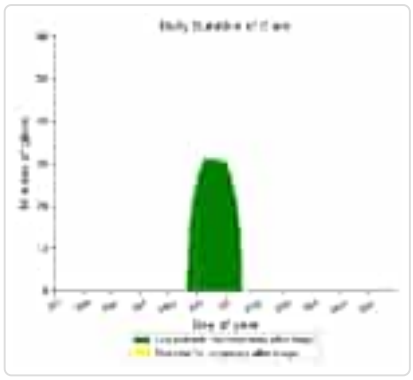


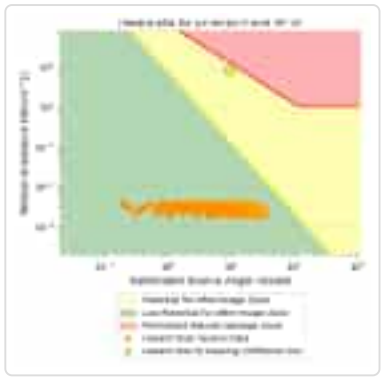
PV array 5: OP 35

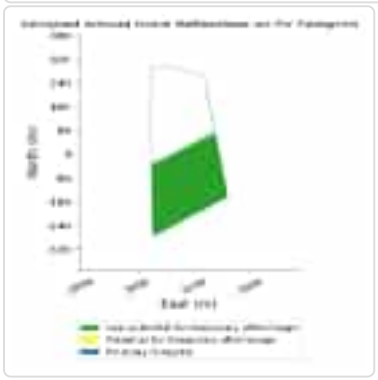
PV array is expected to produce the following glare for this receptor:

- 1,534 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





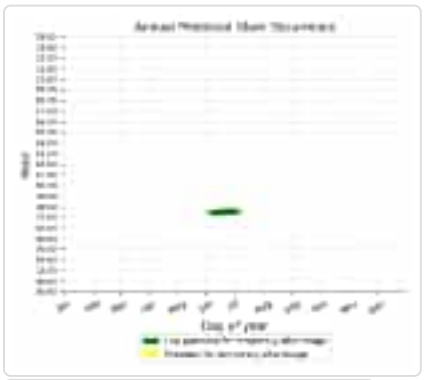


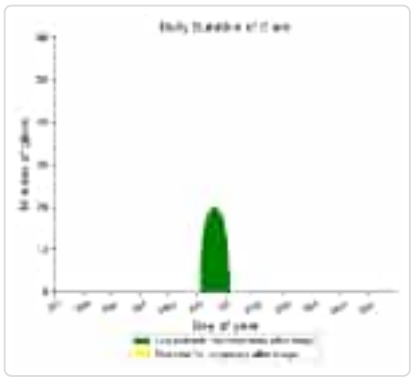


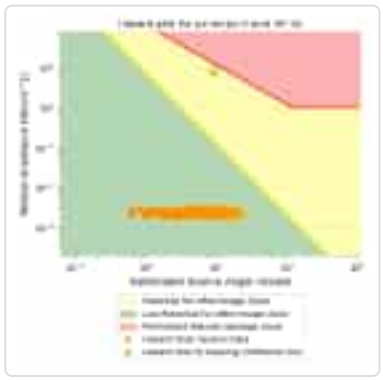
PV array 5: OP 36

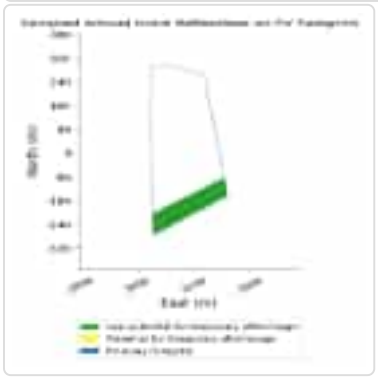
PV array is expected to produce the following glare for this receptor:

- 521 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









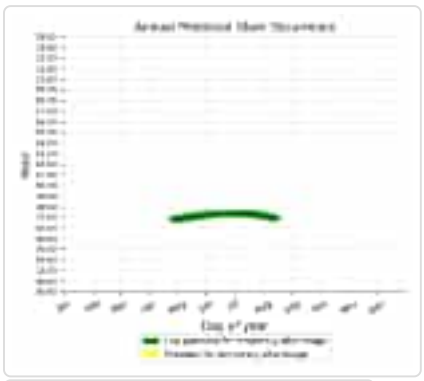
PV array 5: OP 37

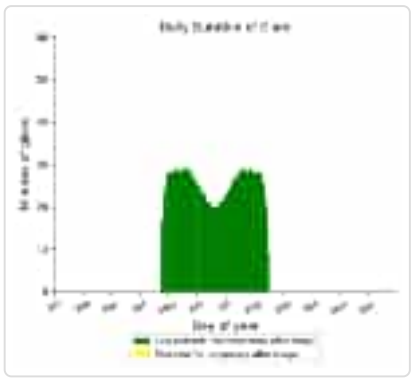
No glare found

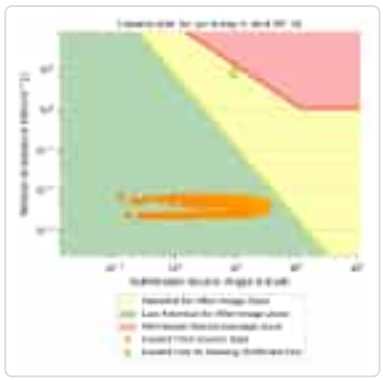
PV array 5: OP 38

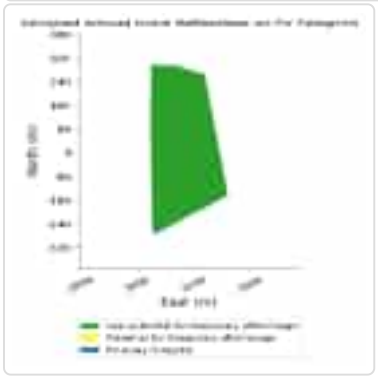
PV array is expected to produce the following glare for this receptor:

- 2,938 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





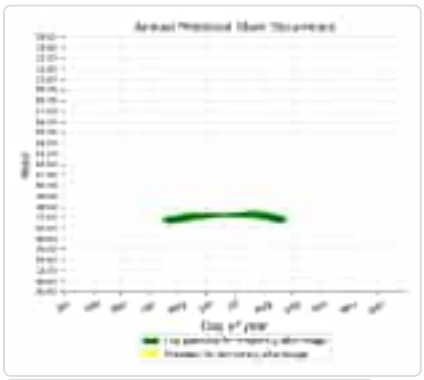


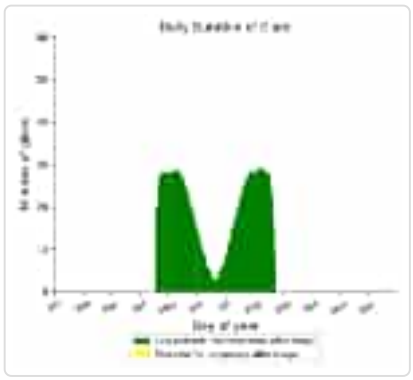


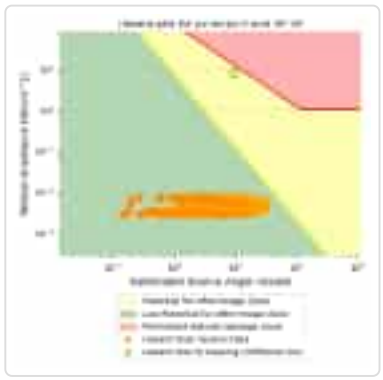
PV array 5: OP 39

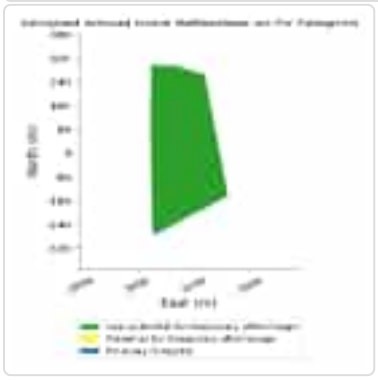
PV array is expected to produce the following glare for this receptor:

- 2,578 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





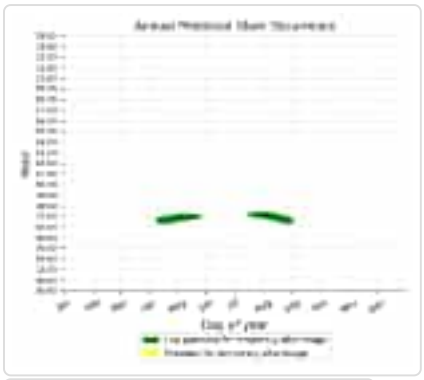


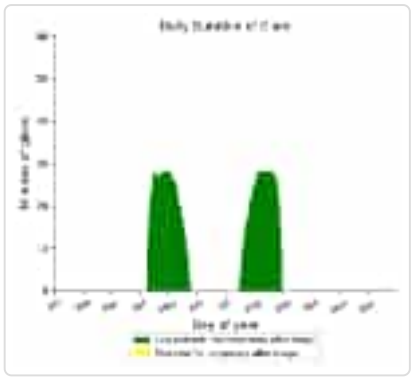


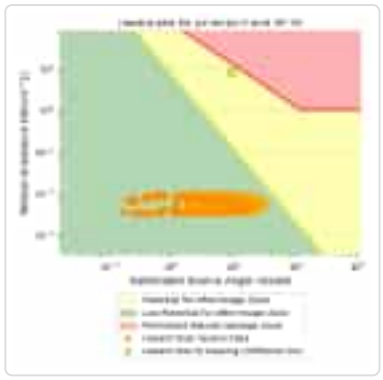
PV array 5: OP 40

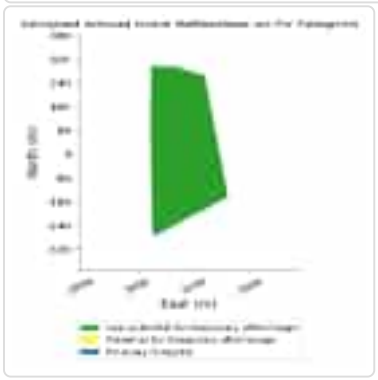
PV array is expected to produce the following glare for this receptor:

- 2,062 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





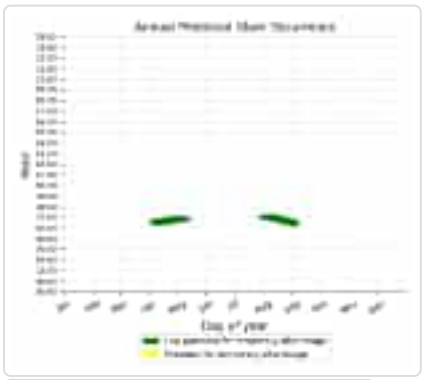


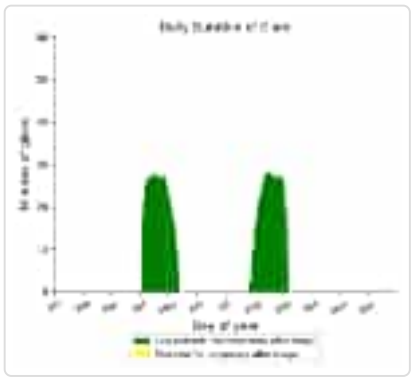


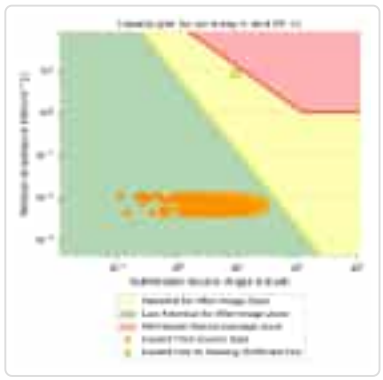
PV array 5: OP 41

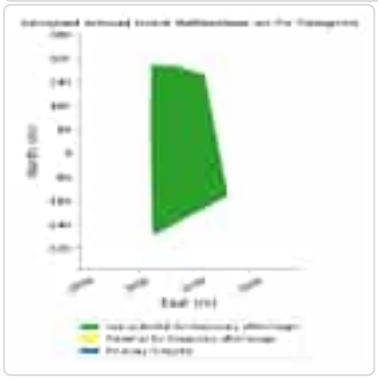
PV array is expected to produce the following glare for this receptor:

- 1,860 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





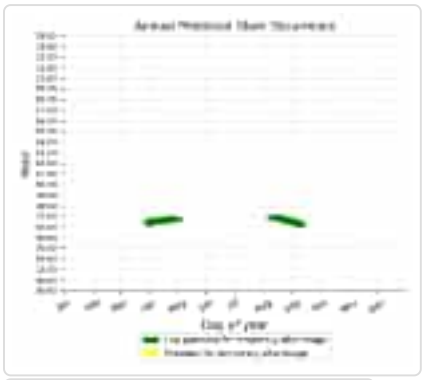


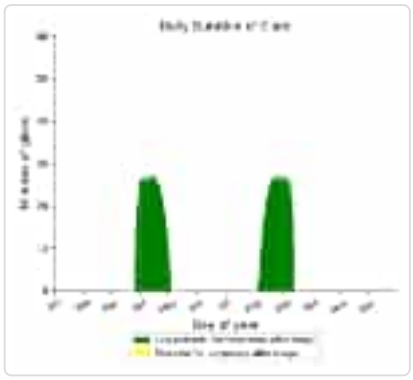


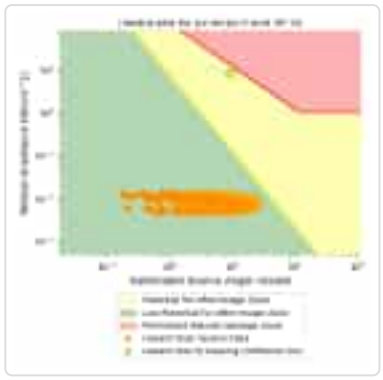
PV array 5: OP 42

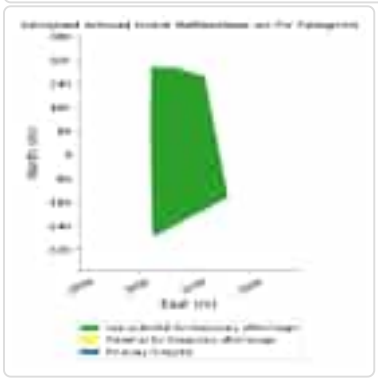
PV array is expected to produce the following glare for this receptor:

- 1,720 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





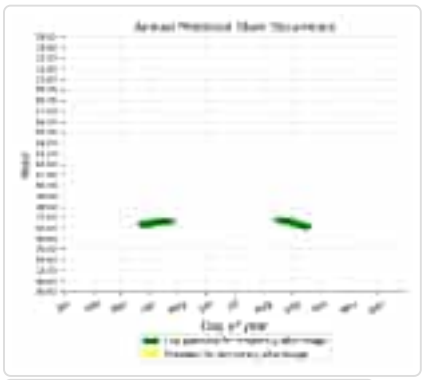


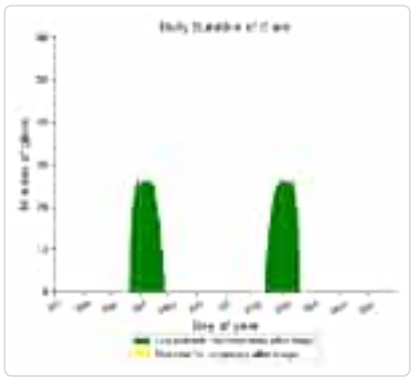


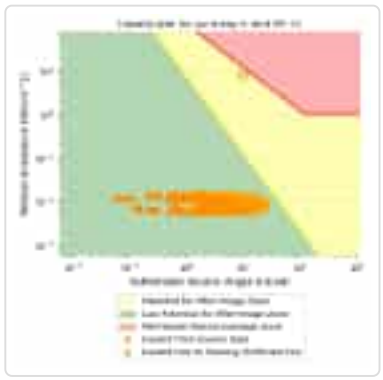
PV array 5: OP 43

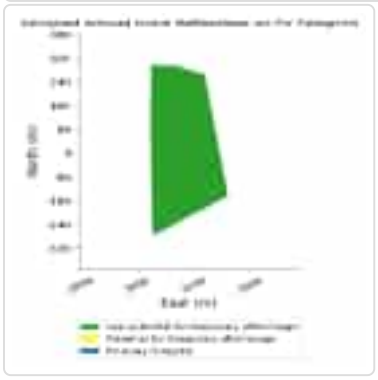
PV array is expected to produce the following glare for this receptor:

- 1,624 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





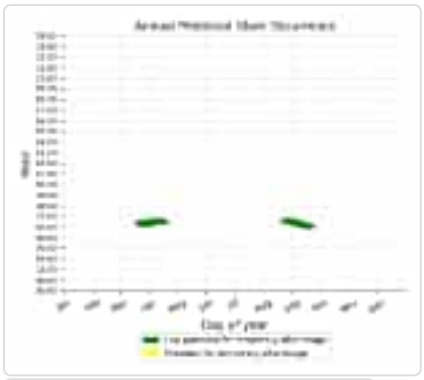


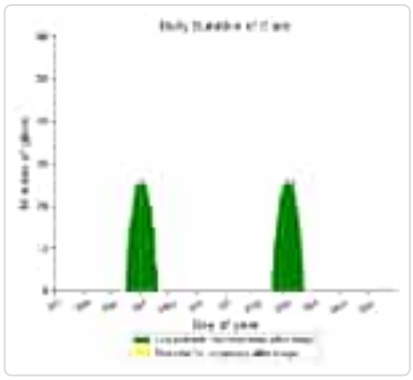


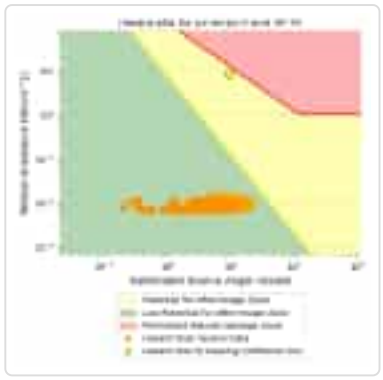
PV array 5: OP 44

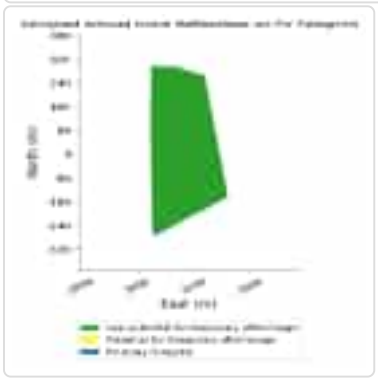
PV array is expected to produce the following glare for this receptor:

- 1,333 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





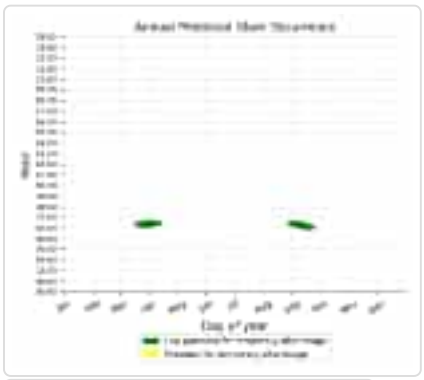


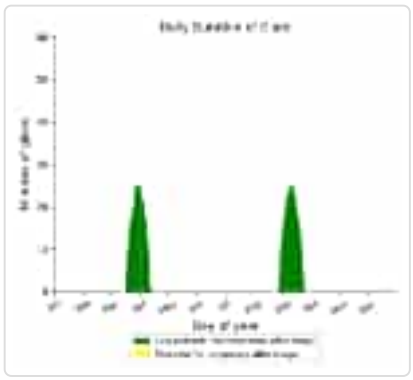


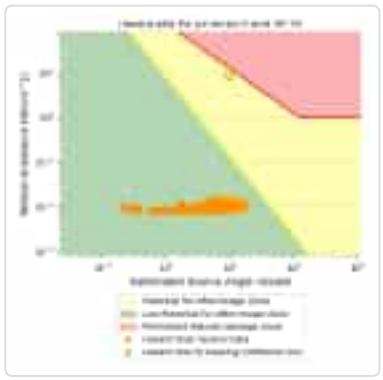
PV array 5: OP 45

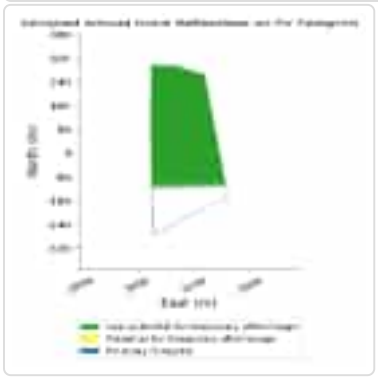
PV array is expected to produce the following glare for this receptor:

- 963 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





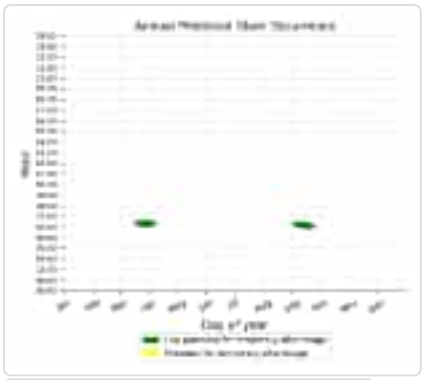


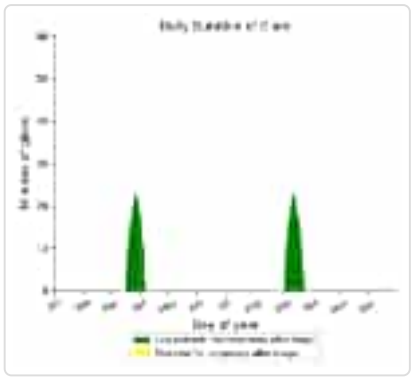


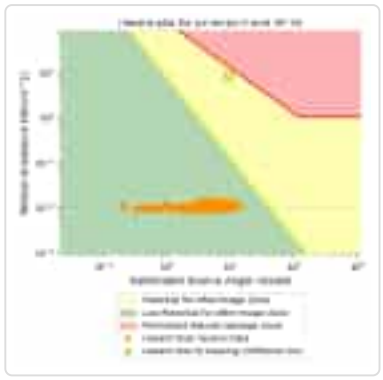
PV array 5: OP 46

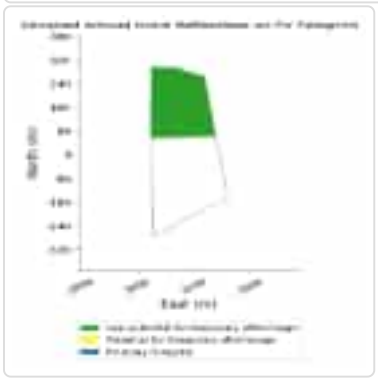
PV array is expected to produce the following glare for this receptor:

- 660 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





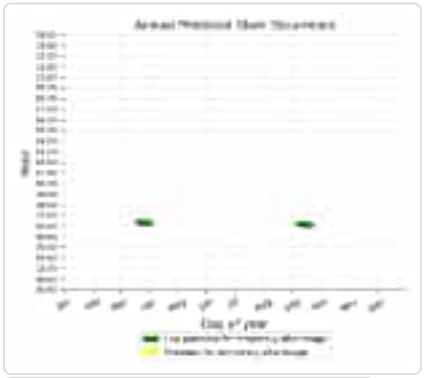


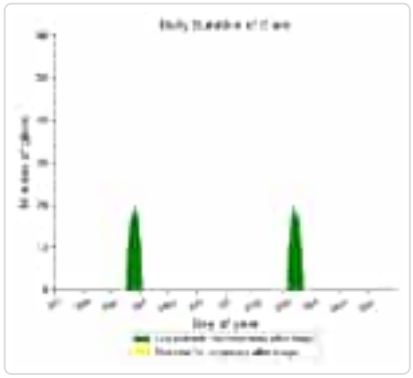


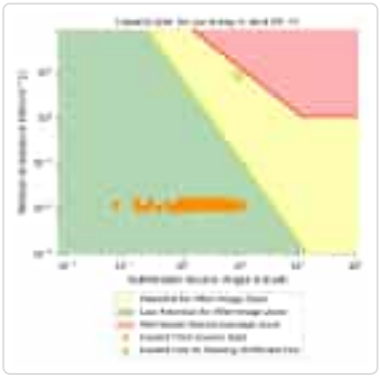
PV array 5: OP 47

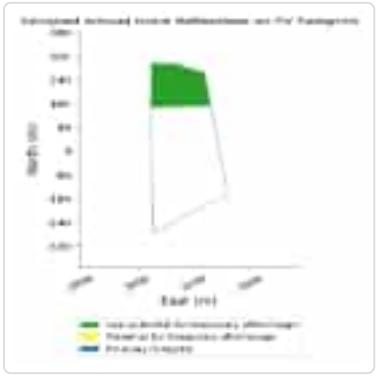
PV array is expected to produce the following glare for this receptor:

- 509 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





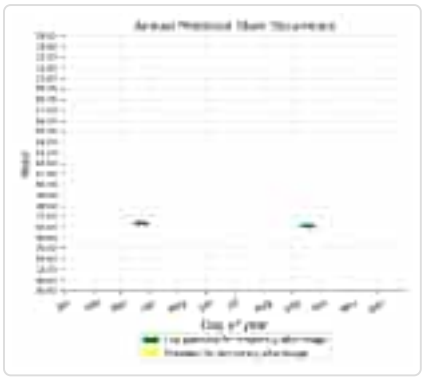


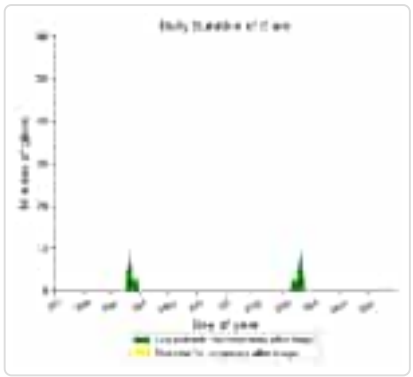


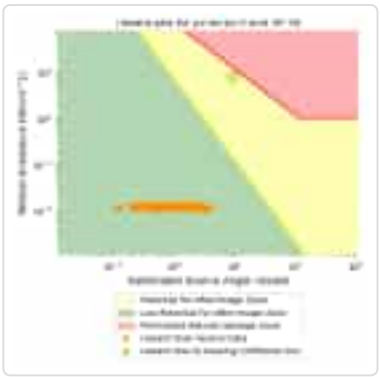
PV array 5: OP 48

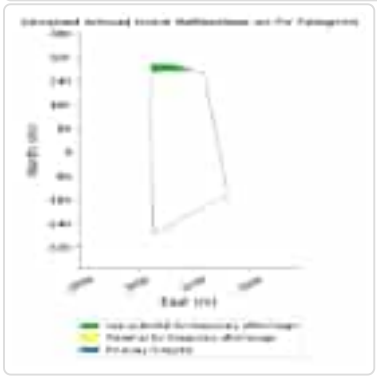
PV array is expected to produce the following glare for this receptor:

- 119 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 49

No glare found

PV array 5: OP 50

No glare found

PV array 5: OP 51

No glare found

PV array 5: OP 52

No glare found

PV array 5: OP 53

No glare found

PV array 5: OP 54

No glare found

PV array 5: OP 55

No glare found

PV array 5: OP 56

No glare found

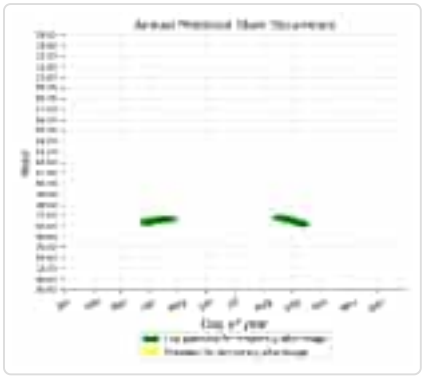
PV array 5: OP 57

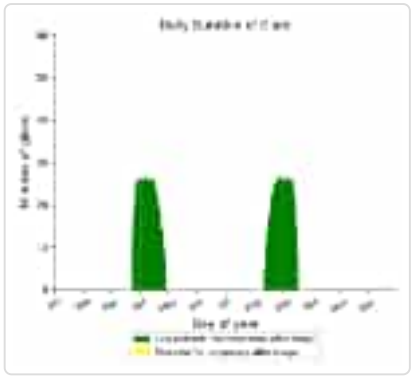
No glare found

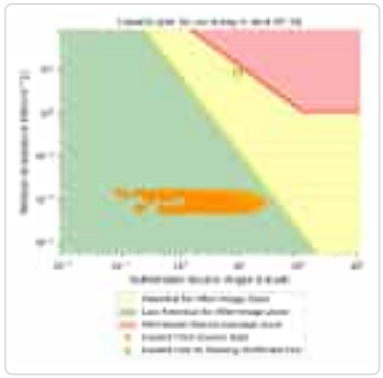
PV array 5: OP 58

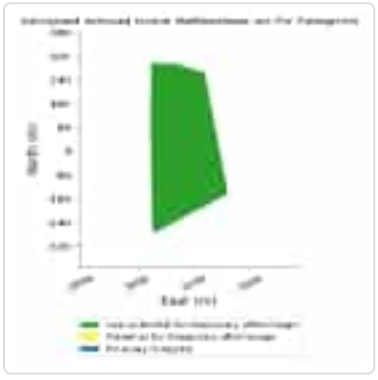
PV array is expected to produce the following glare for this receptor:

- 1,621 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





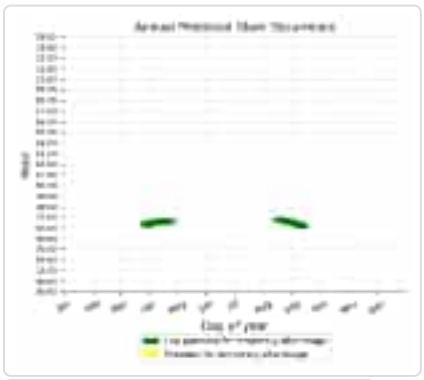


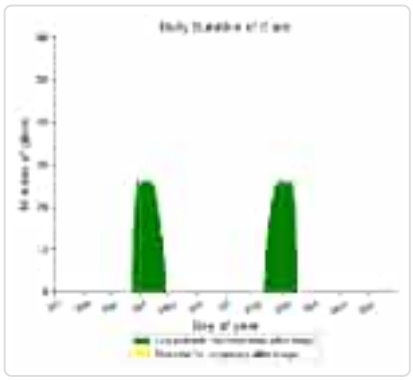


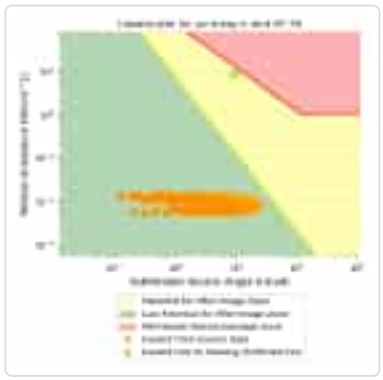
PV array 5: OP 59

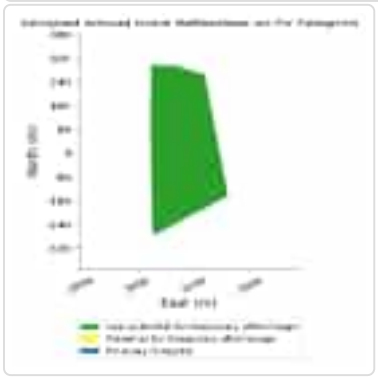
PV array is expected to produce the following glare for this receptor:

- 1,557 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 60

No glare found

PV array 5: OP 61

No glare found

PV array 5: OP 62

No glare found

PV array 5: OP 63

No glare found

PV array 5: OP 64

No glare found

PV array 5: OP 65

No glare found

PV array 5: OP 66

No glare found

PV array 5: OP 67

No glare found

PV array 5: OP 68

No glare found

PV array 5: OP 69

No glare found

PV array 5: OP 70

No glare found

PV array 5: OP 71

No glare found

PV array 5: OP 72

No glare found

PV array 5: OP 73

No glare found

PV array 5: OP 74

No glare found

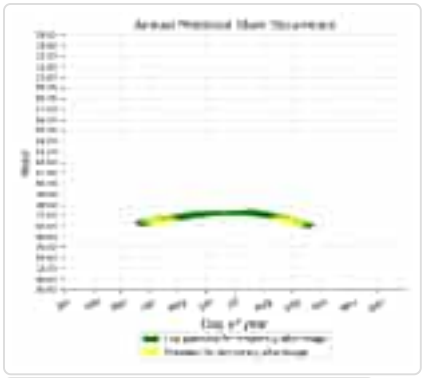
PV array 5: OP 75

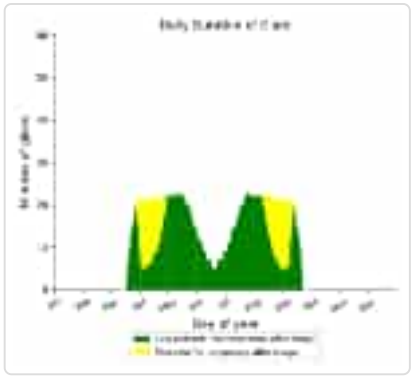
No glare found

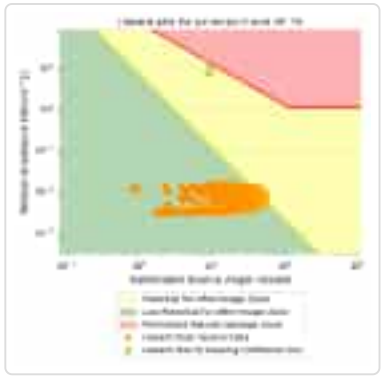
PV array 5: OP 76

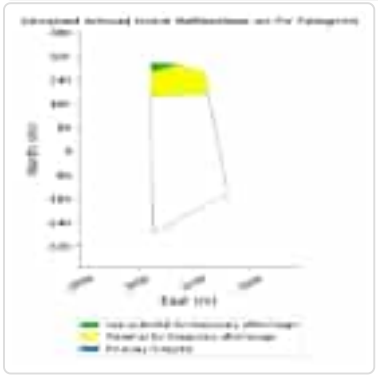
PV array is expected to produce the following glare for this receptor:

- 2,544 minutes of "green" glare with low potential to cause temporary after-image.
- 771 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 77

No glare found

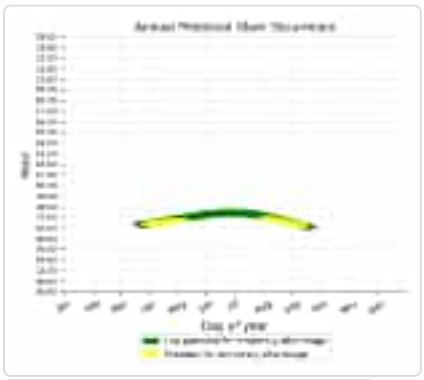
PV array 5: OP 78

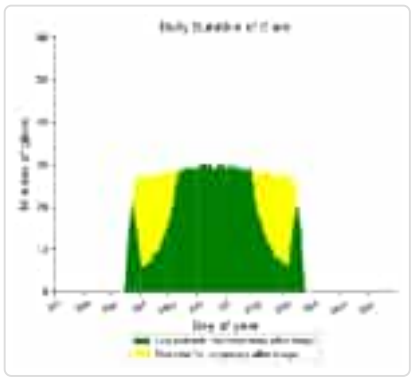
No glare found

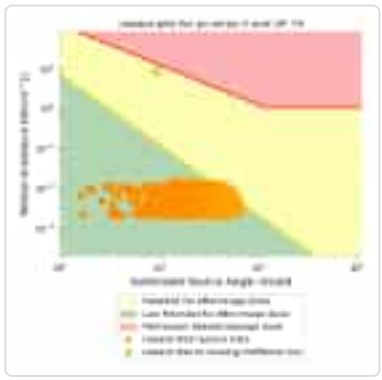
PV array 5: OP 79

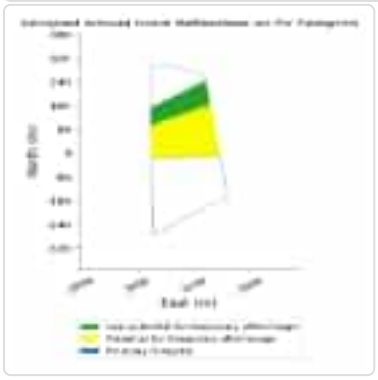
PV array is expected to produce the following glare for this receptor:

- 3,770 minutes of "green" glare with low potential to cause temporary after-image.
- 1,408 minutes of "yellow" glare with potential to cause temporary after-image.





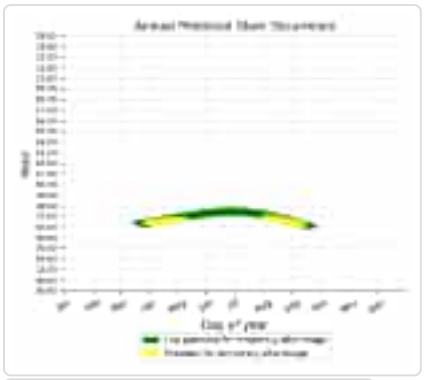


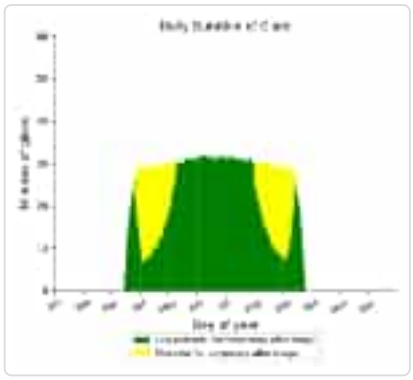


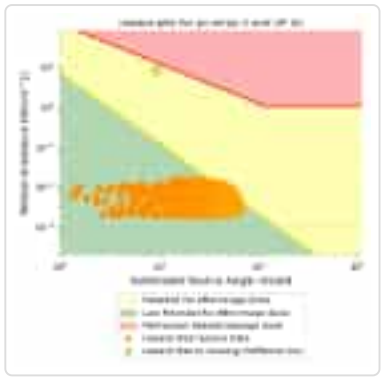
PV array 5: OP 80

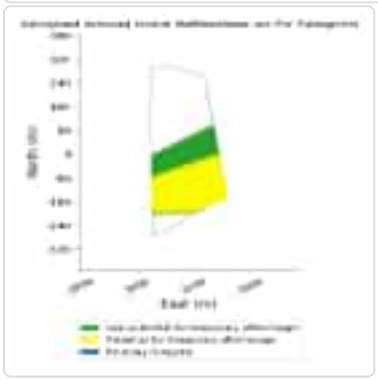
PV array is expected to produce the following glare for this receptor:

- 4,150 minutes of "green" glare with low potential to cause temporary after-image.
- 1,407 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)

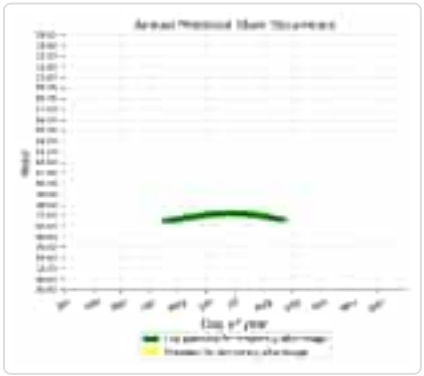
OP: OP 1	2341	0
OP: OP 2	2508	0
OP: OP 3	2700	0
OP: OP 4	2841	0
OP: OP 5	2974	0
OP: OP 6	3135	0
OP: OP 7	3284	0
OP: OP 8	3096	0
OP: OP 9	2584	0
OP: OP 10	17	0
OP: OP 11	2302	0
OP: OP 12	2012	1
OP: OP 13	2565	147
OP: OP 14	1632	1507
OP: OP 15	2104	1861
OP: OP 16	1353	61
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	1347	0
OP: OP 31	1490	0
OP: OP 32	1827	0
OP: OP 33	2098	0
OP: OP 34	2948	0
OP: OP 35	3246	0
OP: OP 36	3032	0
OP: OP 37	2684	0
OP: OP 38	1290	0
OP: OP 39	880	0
OP: OP 40	487	0
OP: OP 41	191	0
OP: OP 42	56	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0

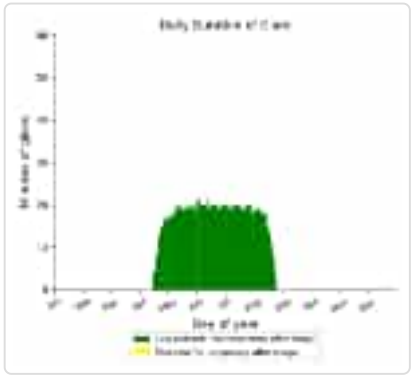
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

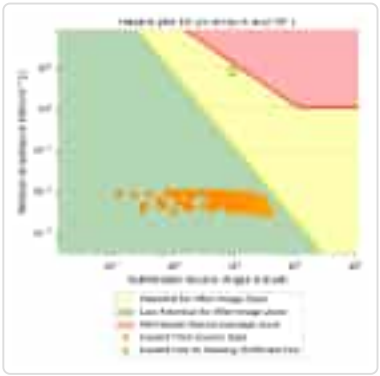
PV array 6: OP 1

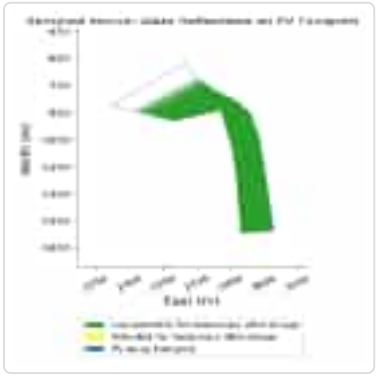
PV array is expected to produce the following glare for this receptor:

- 2,341 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





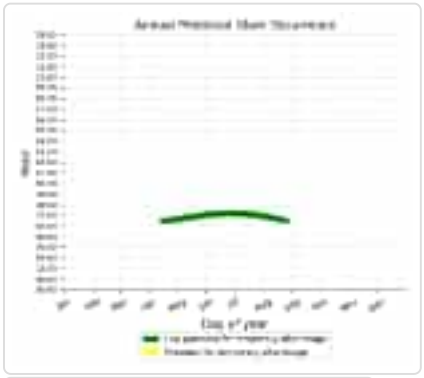


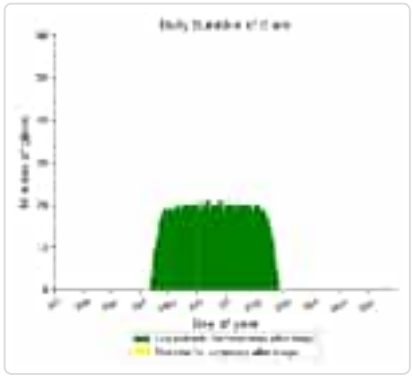


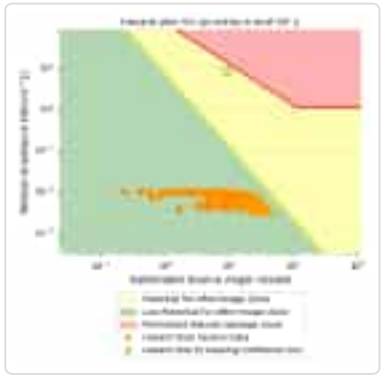
PV array 6: OP 2

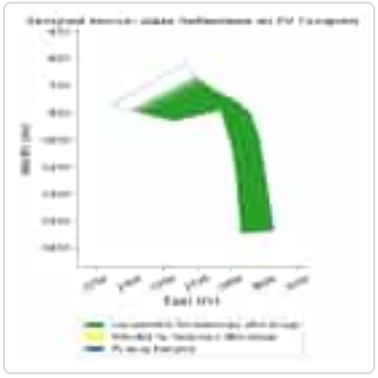
PV array is expected to produce the following glare for this receptor:

- 2,508 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





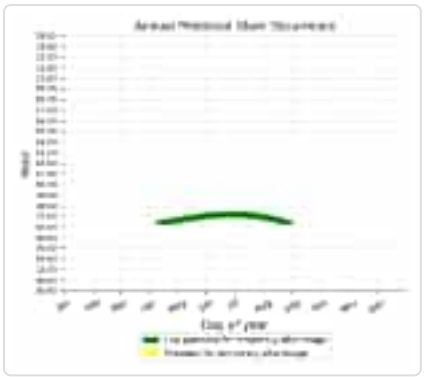


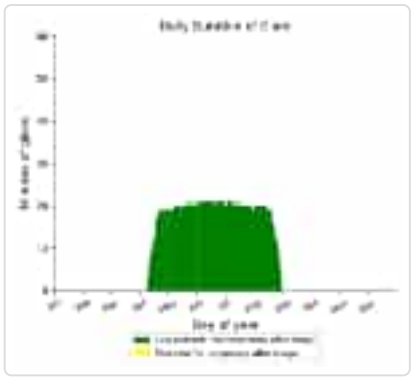


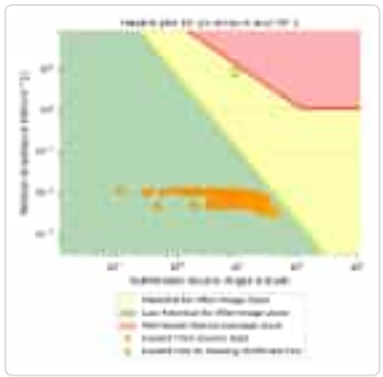
PV array 6: OP 3

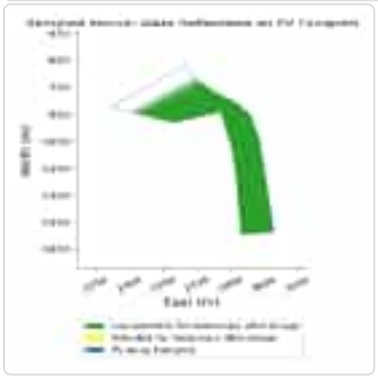
PV array is expected to produce the following glare for this receptor:

- 2,700 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





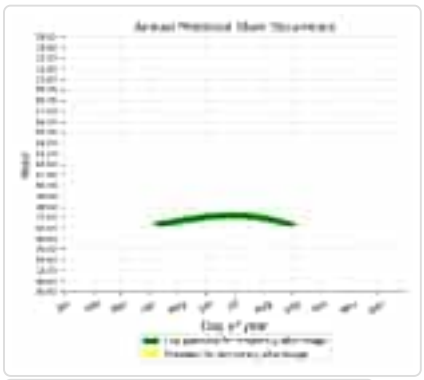


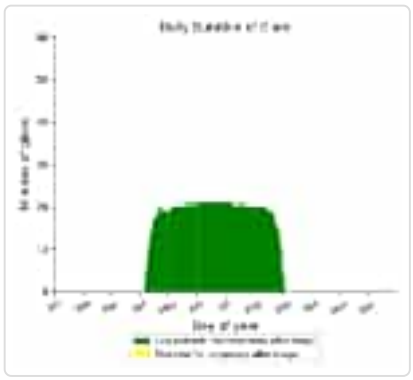


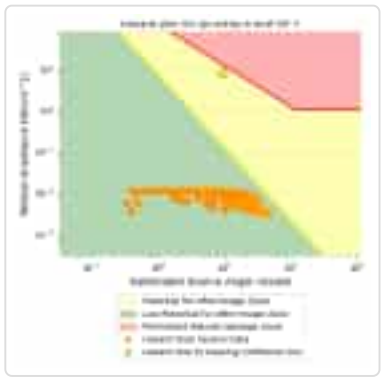
PV array 6: OP 4

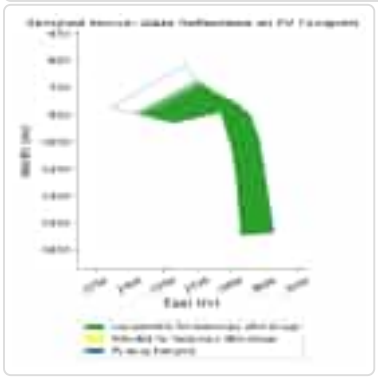
PV array is expected to produce the following glare for this receptor:

- 2,841 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





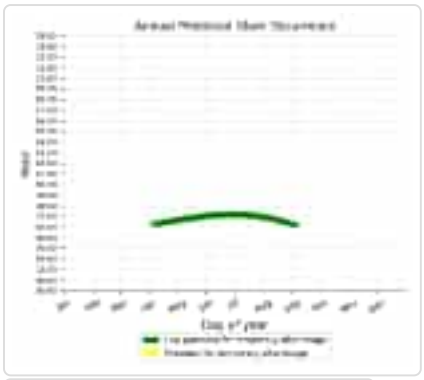


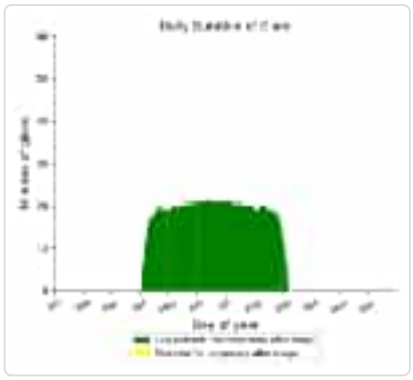


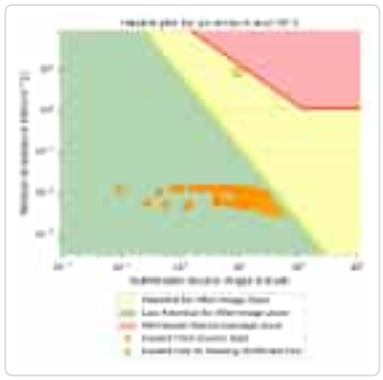
PV array 6: OP 5

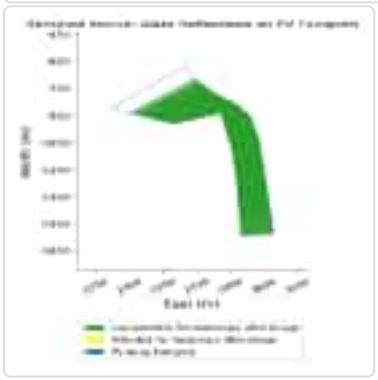
PV array is expected to produce the following glare for this receptor:

- 2,974 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





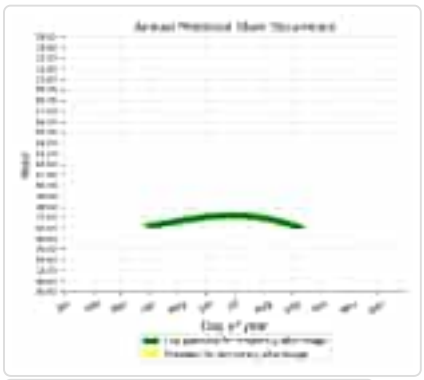


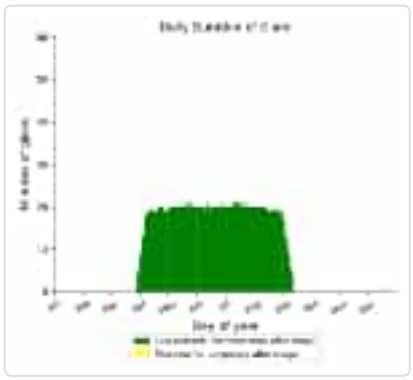


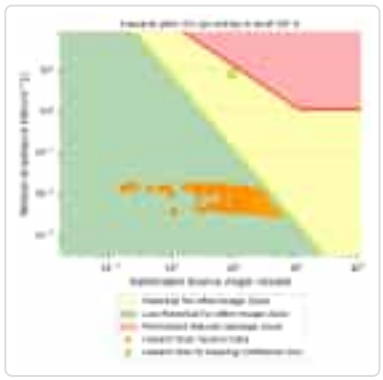
PV array 6: OP 6

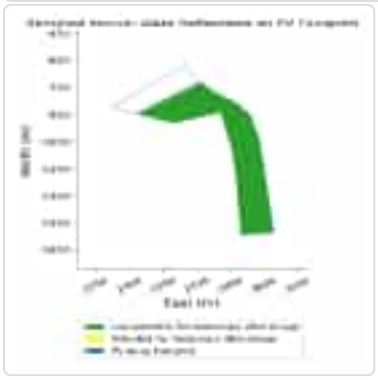
PV array is expected to produce the following glare for this receptor:

- 3,135 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





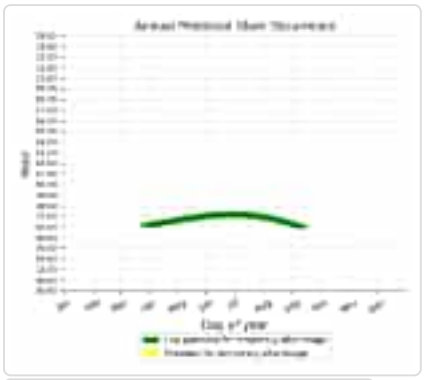


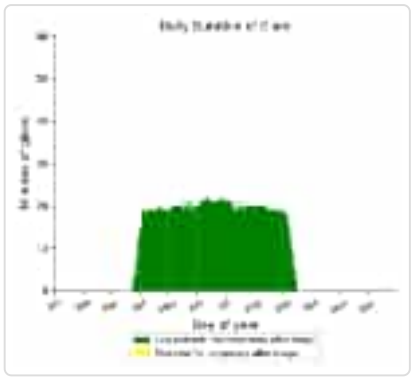


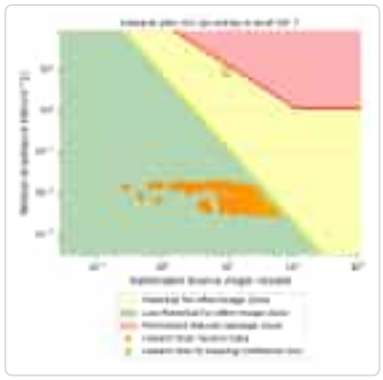
PV array 6: OP 7

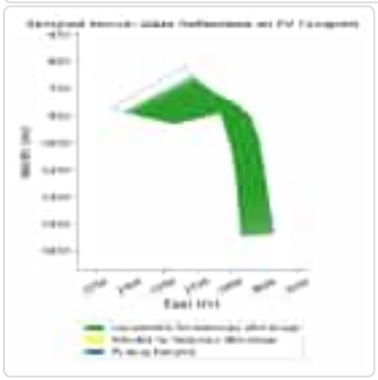
PV array is expected to produce the following glare for this receptor:

- 3,284 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





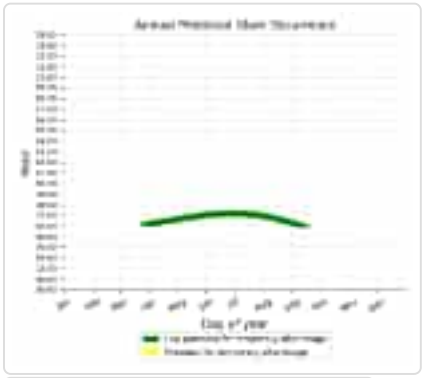


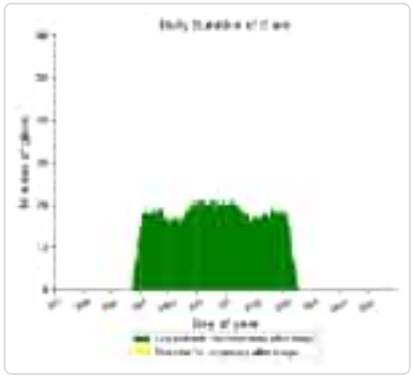


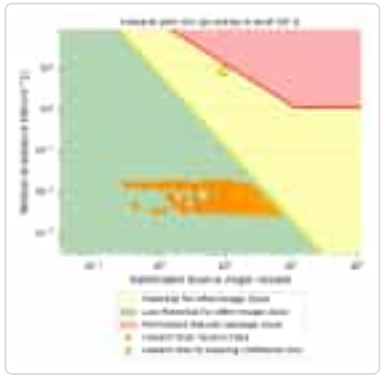
PV array 6: OP 8

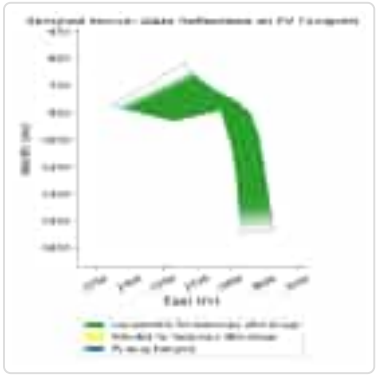
PV array is expected to produce the following glare for this receptor:

- 3,096 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





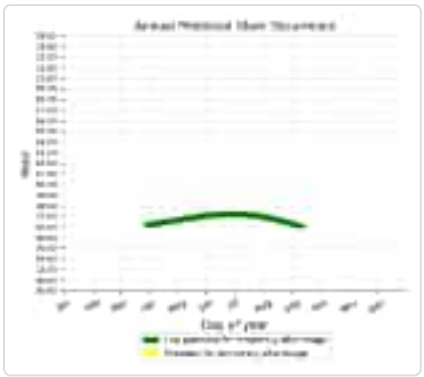


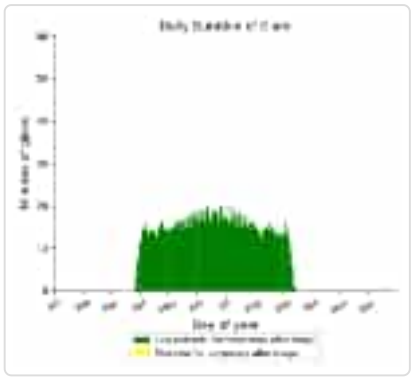


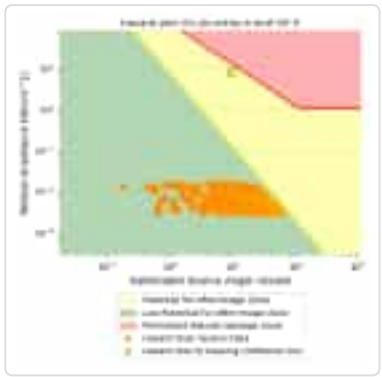
PV array 6: OP 9

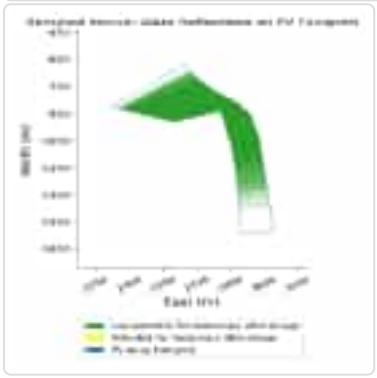
PV array is expected to produce the following glare for this receptor:

- 2,584 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





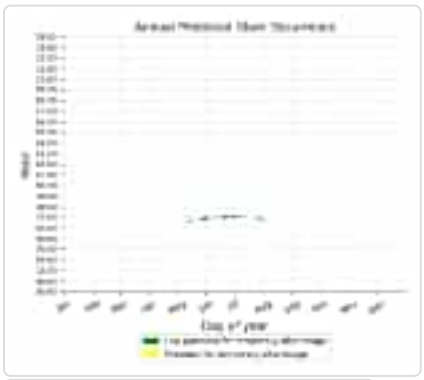


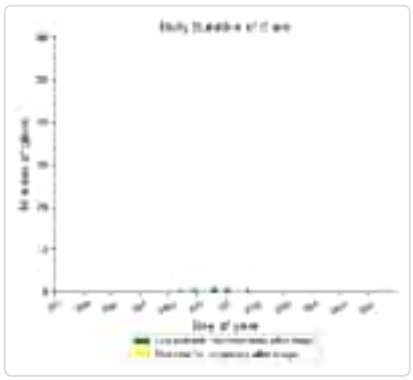


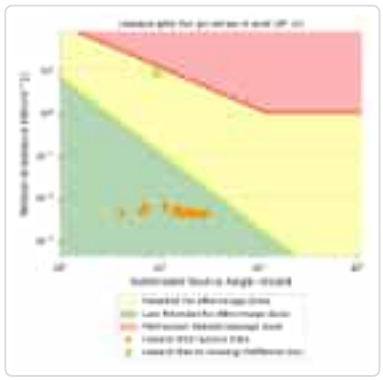
PV array 6: OP 10

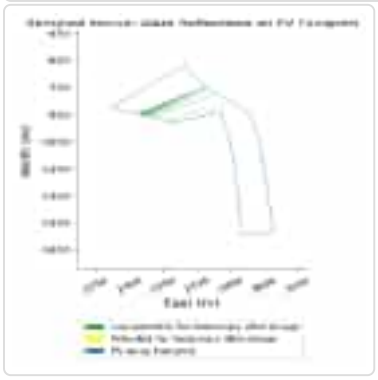
PV array is expected to produce the following glare for this receptor:

- 17 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





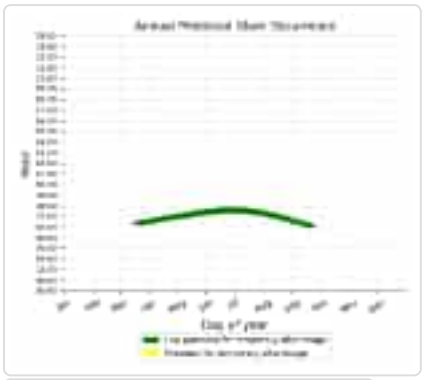


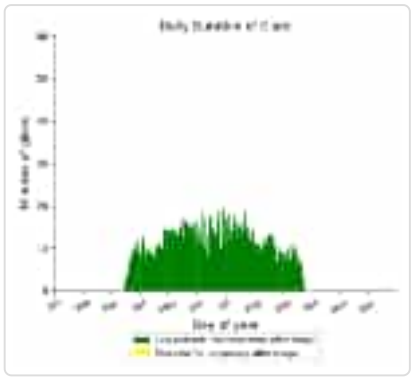


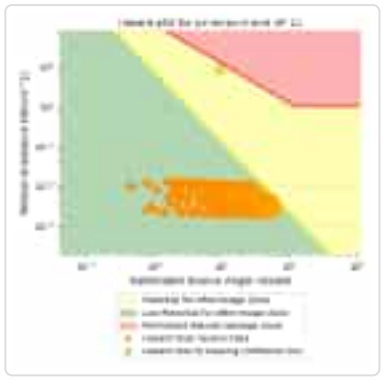
PV array 6: OP 11

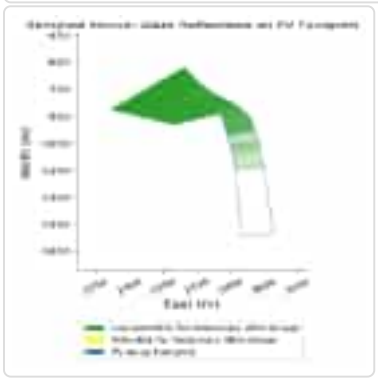
PV array is expected to produce the following glare for this receptor:

- 2,302 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





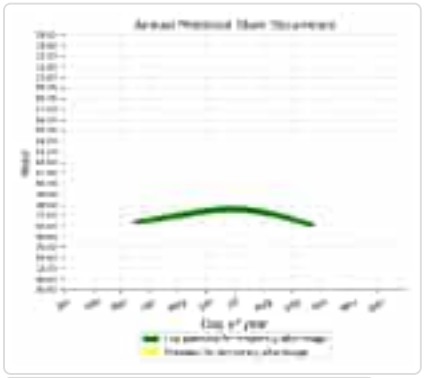


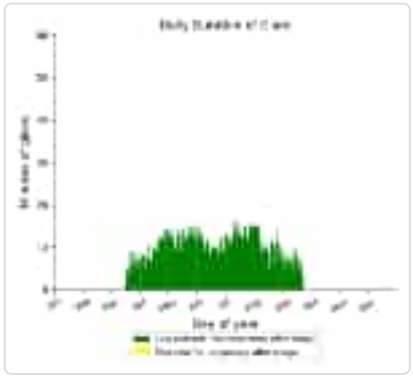


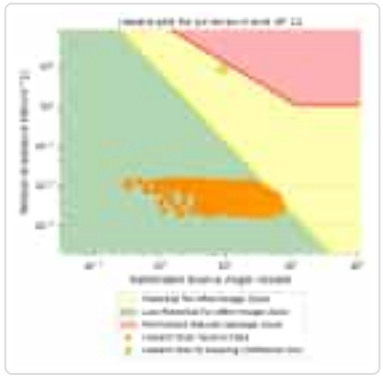
PV array 6: OP 12

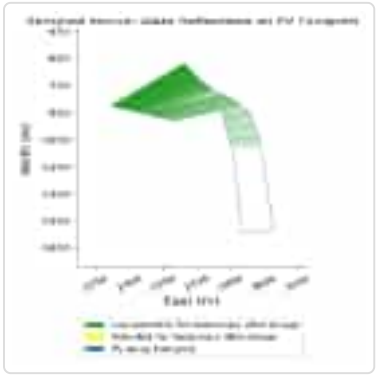
PV array is expected to produce the following glare for this receptor:

- 2,012 minutes of "green" glare with low potential to cause temporary after-image.
- 1 minutes of "yellow" glare with potential to cause temporary after-image.





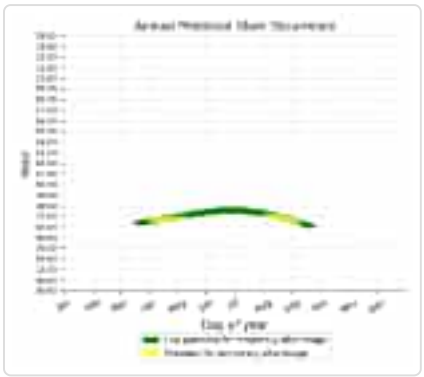


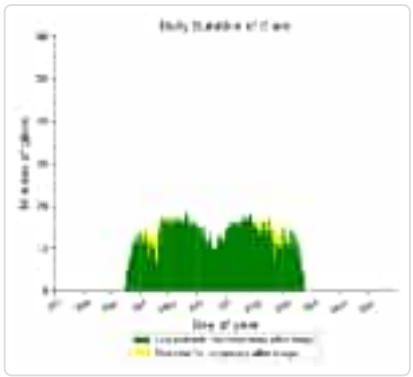


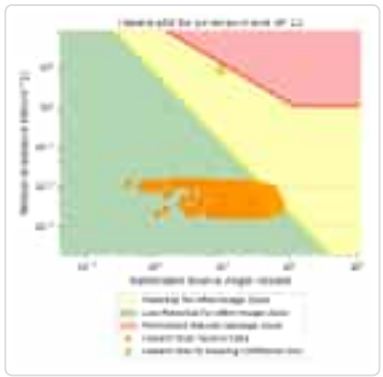
PV array 6: OP 13

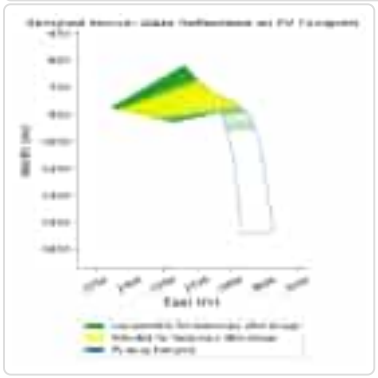
PV array is expected to produce the following glare for this receptor:

- 2,565 minutes of "green" glare with low potential to cause temporary after-image.
- 147 minutes of "yellow" glare with potential to cause temporary after-image.





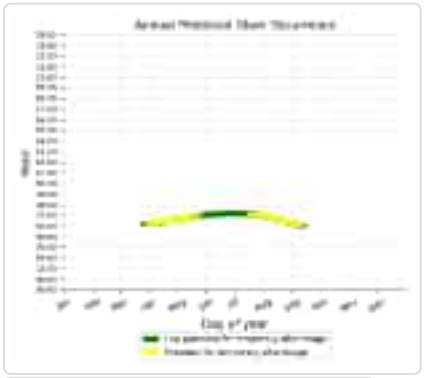


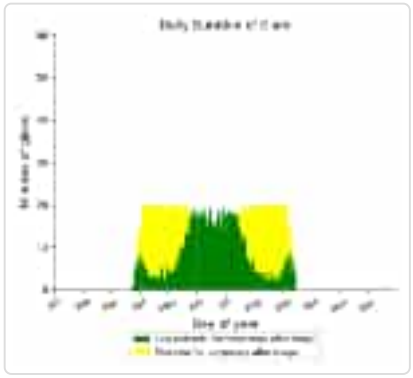


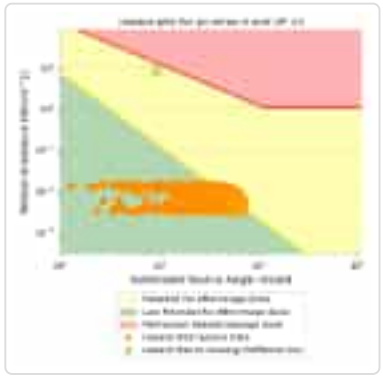
PV array 6: OP 14

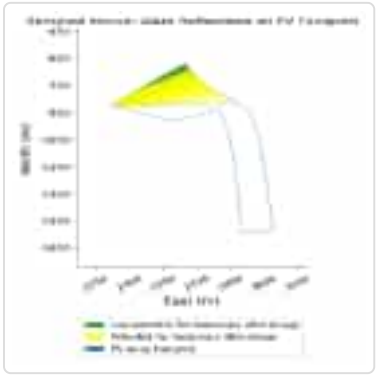
PV array is expected to produce the following glare for this receptor:

- 1,632 minutes of "green" glare with low potential to cause temporary after-image.
- 1,507 minutes of "yellow" glare with potential to cause temporary after-image.





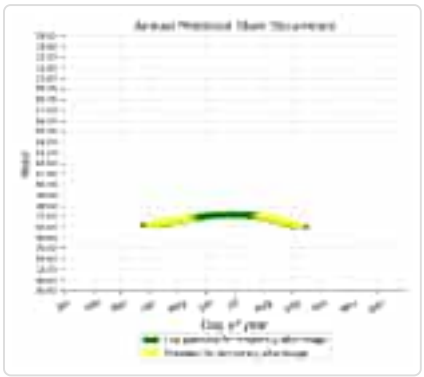


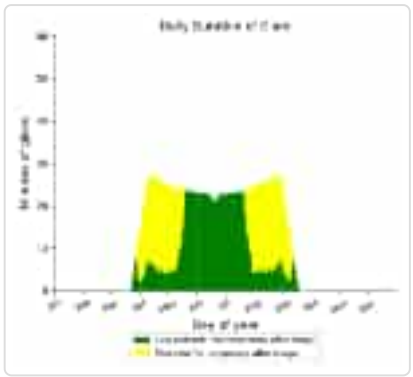


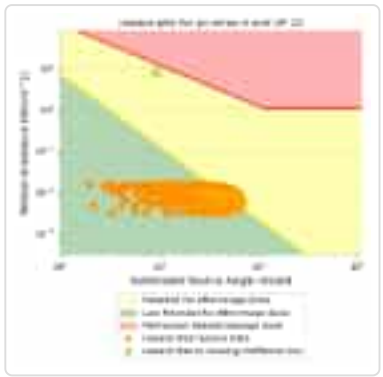
PV array 6: OP 15

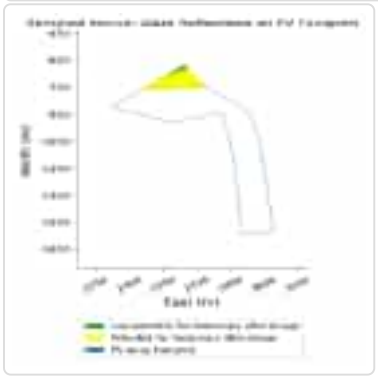
PV array is expected to produce the following glare for this receptor:

- 2,104 minutes of "green" glare with low potential to cause temporary after-image.
- 1,861 minutes of "yellow" glare with potential to cause temporary after-image.





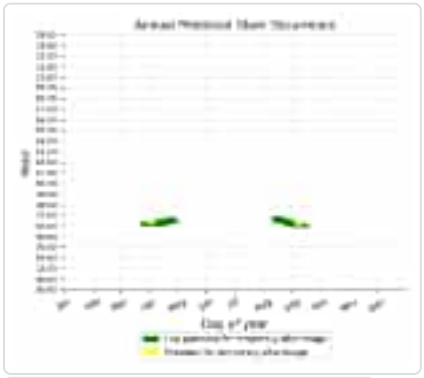


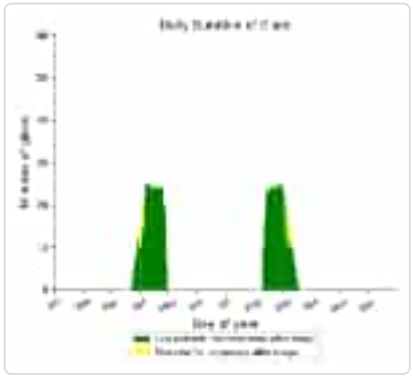


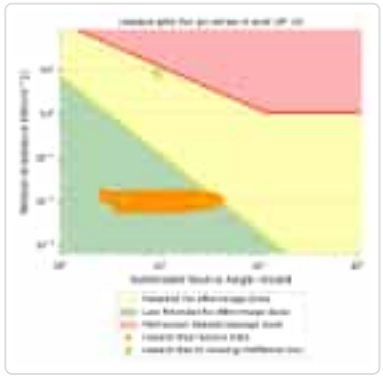
PV array 6: OP 16

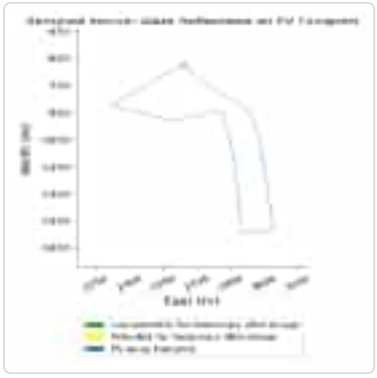
PV array is expected to produce the following glare for this receptor:

- 1,353 minutes of "green" glare with low potential to cause temporary after-image.
- 61 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 17

No glare found

PV array 6: OP 18

No glare found

PV array 6: OP 19

No glare found

PV array 6: OP 20

No glare found

PV array 6: OP 21

No glare found

PV array 6: OP 22

No glare found

PV array 6: OP 23

No glare found

PV array 6: OP 24

No glare found

PV array 6: OP 25

No glare found

PV array 6: OP 26

No glare found

PV array 6: OP 27

No glare found

PV array 6: OP 28

No glare found

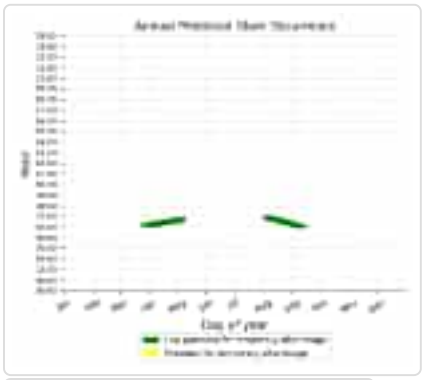
PV array 6: OP 29

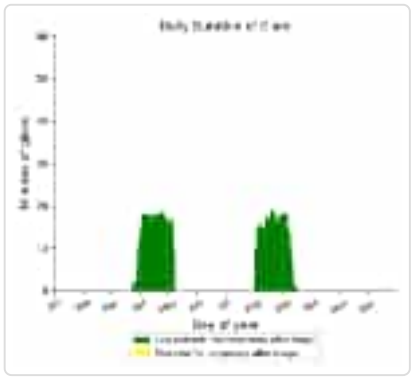
No glare found

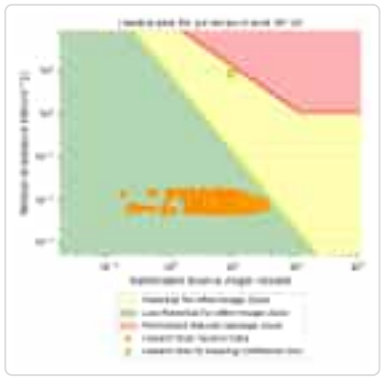
PV array 6: OP 30

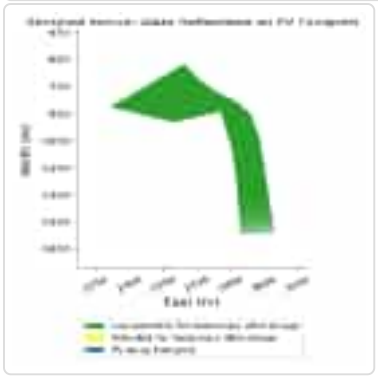
PV array is expected to produce the following glare for this receptor:

- 1,347 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





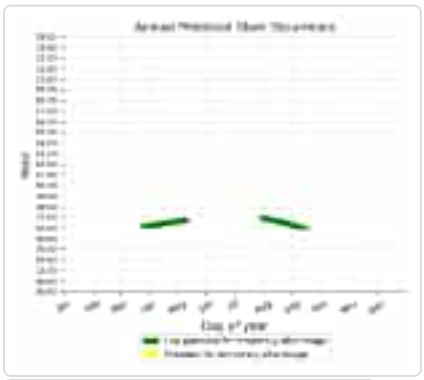


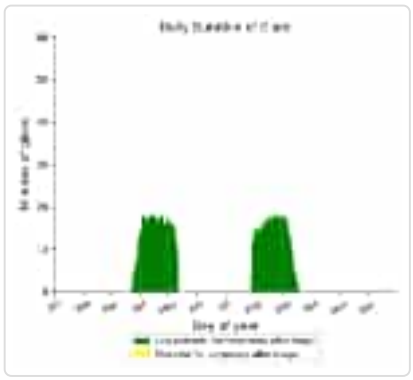


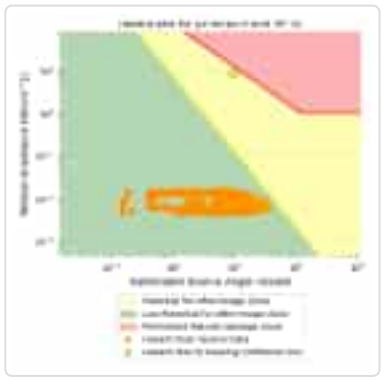
PV array 6: OP 31

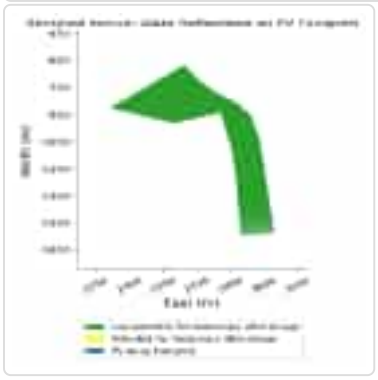
PV array is expected to produce the following glare for this receptor:

- 1,490 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





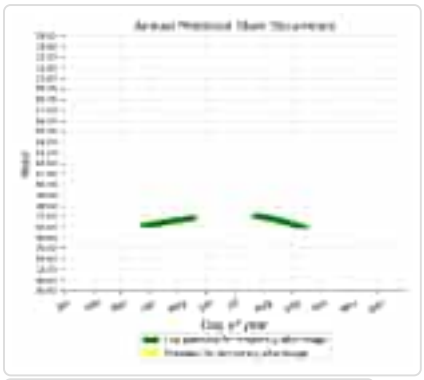


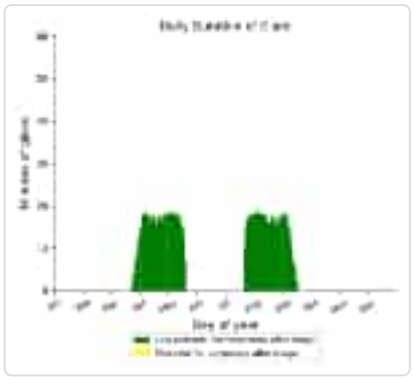


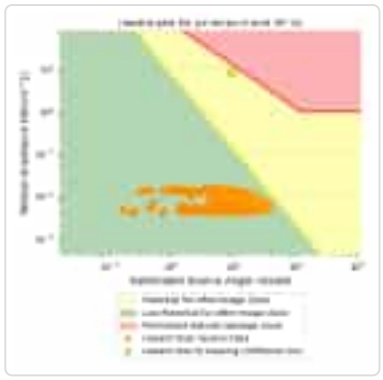
PV array 6: OP 32

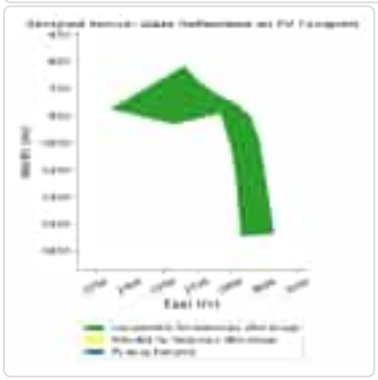
PV array is expected to produce the following glare for this receptor:

- 1,827 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





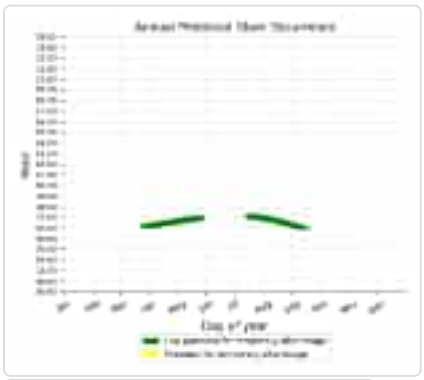


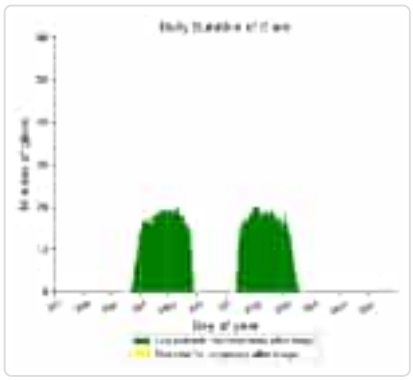


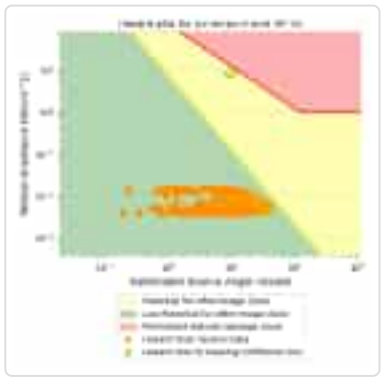
PV array 6: OP 33

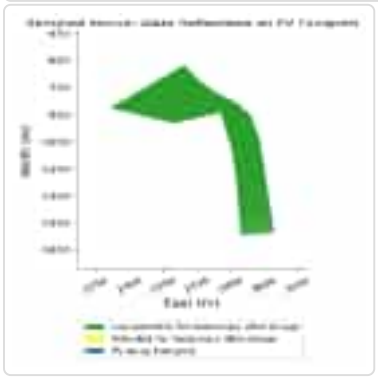
PV array is expected to produce the following glare for this receptor:

- 2,098 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





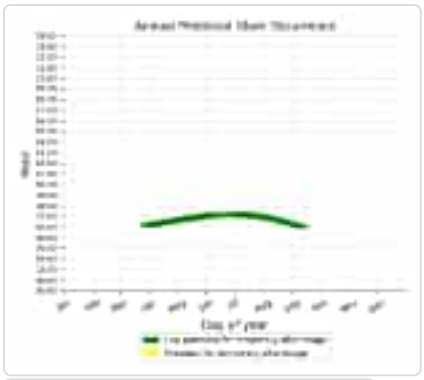


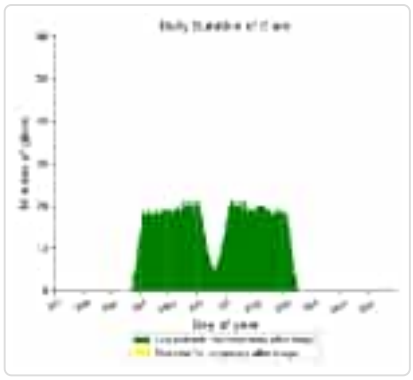


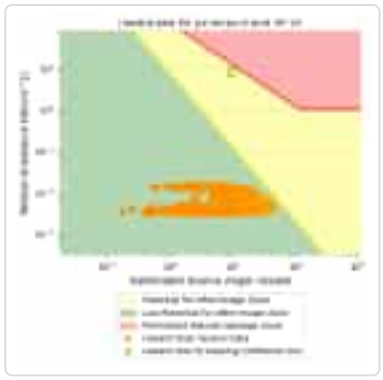
PV array 6: OP 34

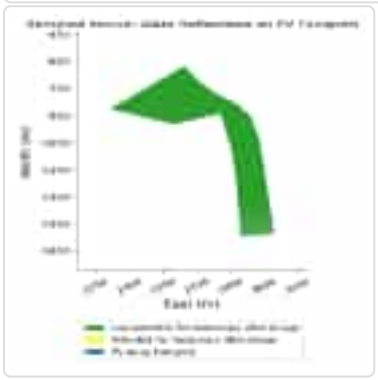
PV array is expected to produce the following glare for this receptor:

- 2,948 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





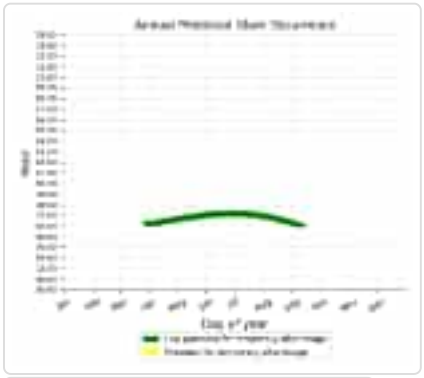


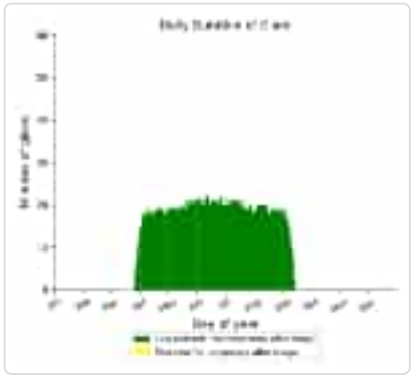


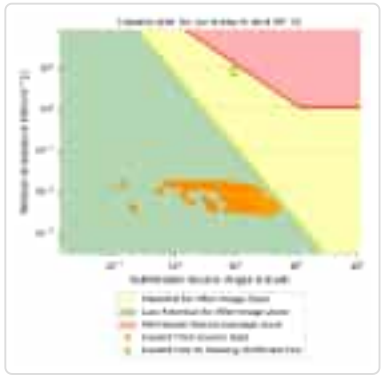
PV array 6: OP 35

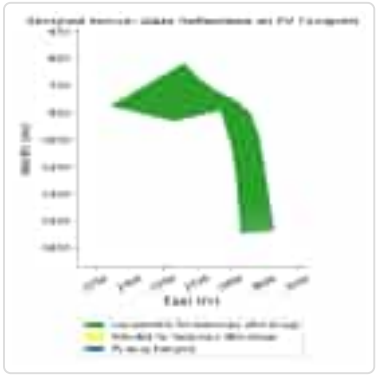
PV array is expected to produce the following glare for this receptor:

- 3,246 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





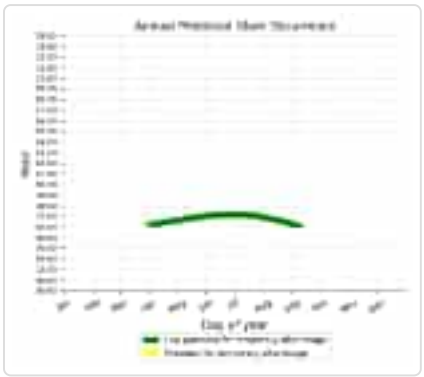


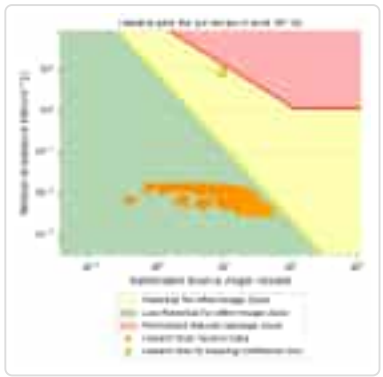


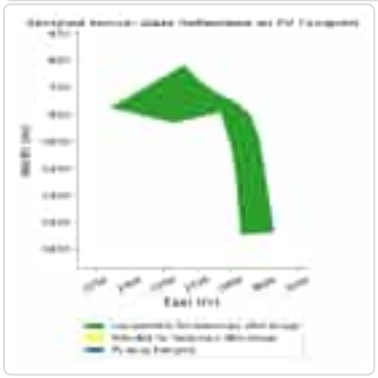
PV array 6: OP 36

PV array is expected to produce the following glare for this receptor:

- 3,032 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



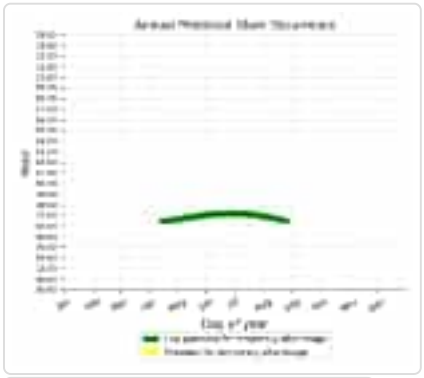


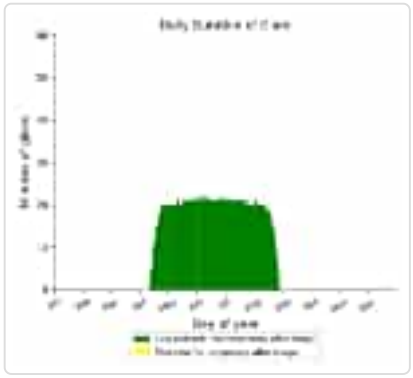


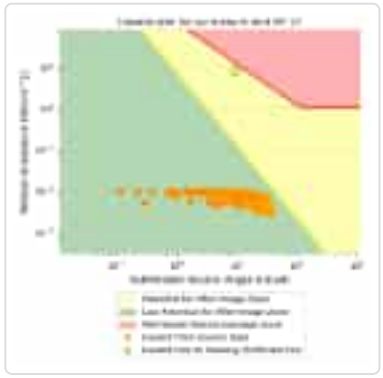
PV array 6: OP 37

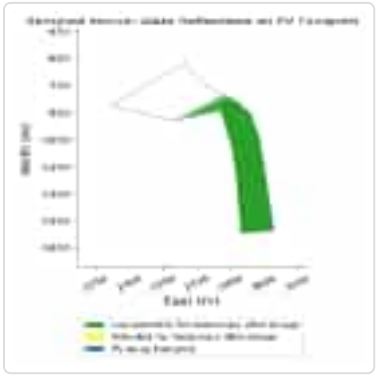
PV array is expected to produce the following glare for this receptor:

- 2,684 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





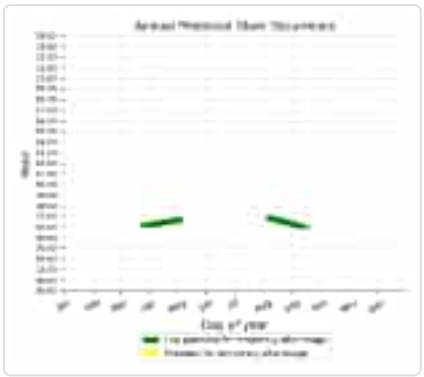


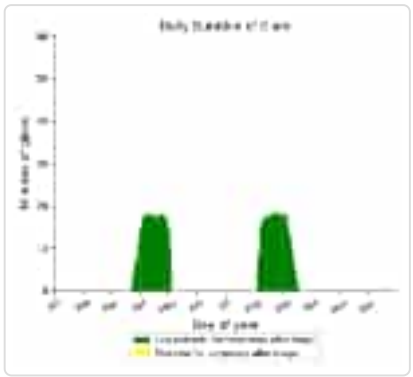


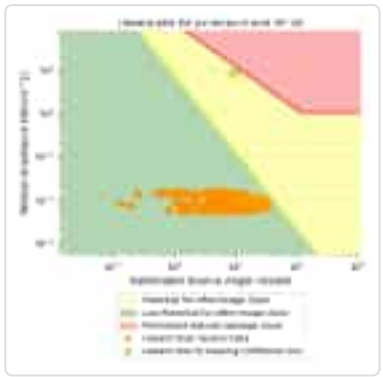
PV array 6: OP 38

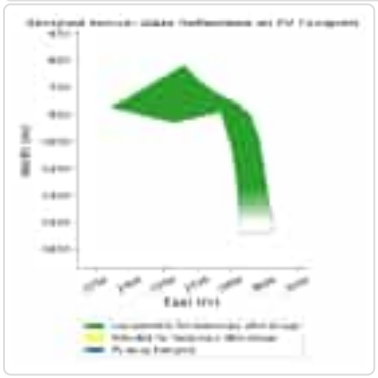
PV array is expected to produce the following glare for this receptor:

- 1,290 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





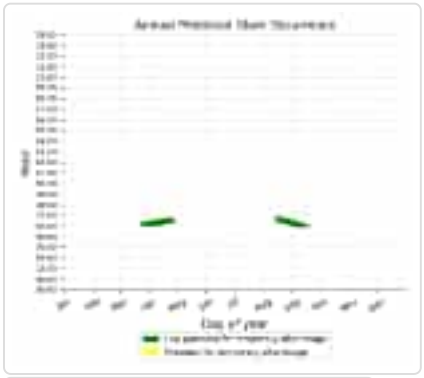


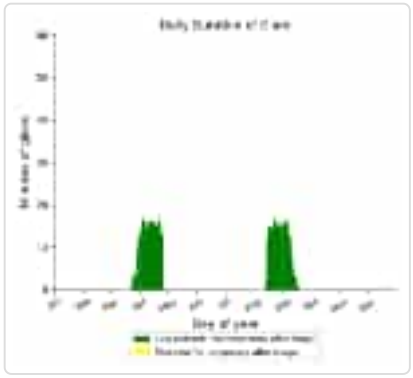


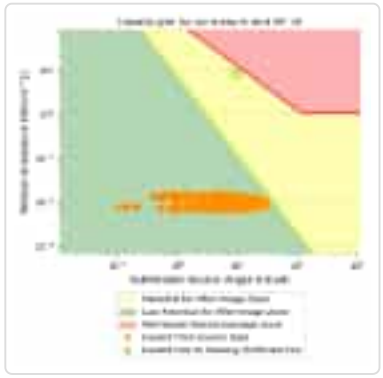
PV array 6: OP 39

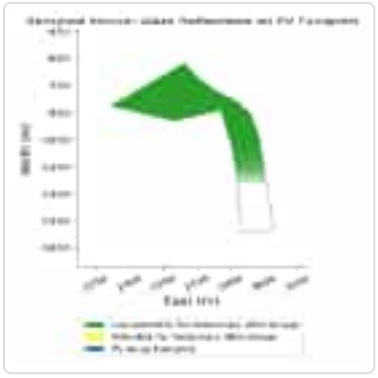
PV array is expected to produce the following glare for this receptor:

- 880 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





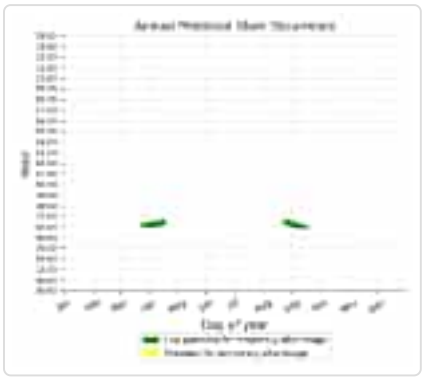


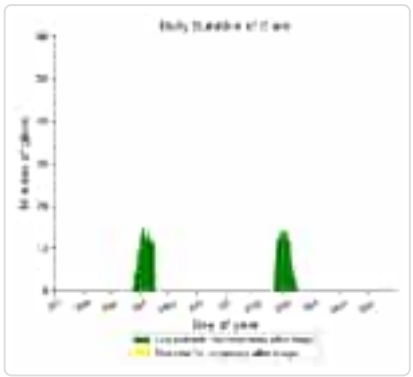


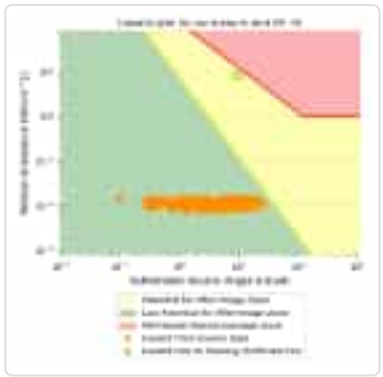
PV array 6: OP 40

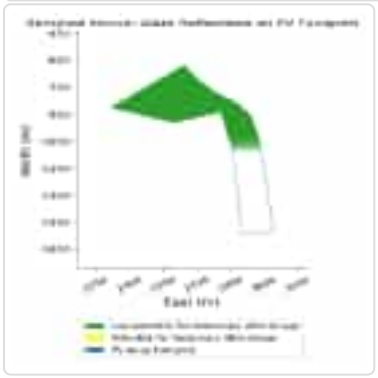
PV array is expected to produce the following glare for this receptor:

- 487 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





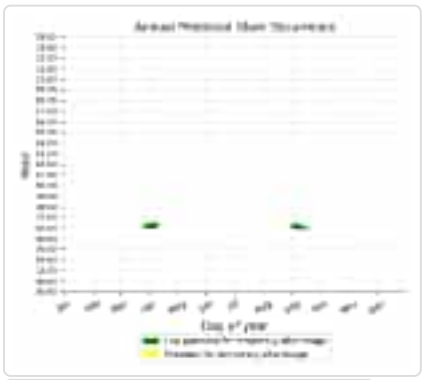


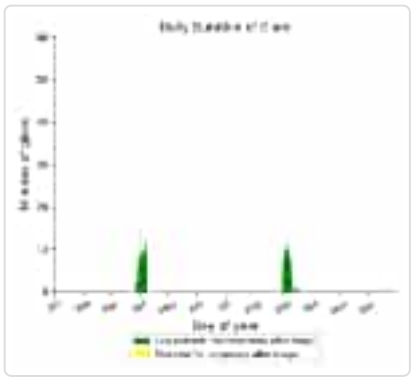


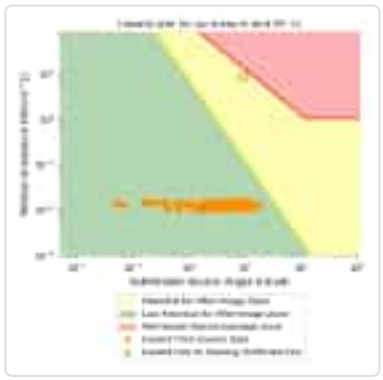
PV array 6: OP 41

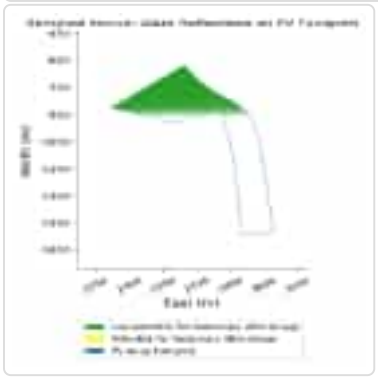
PV array is expected to produce the following glare for this receptor:

- 191 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





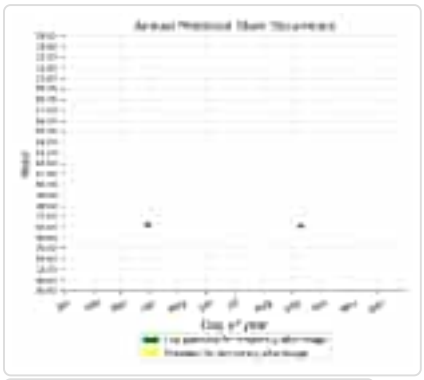


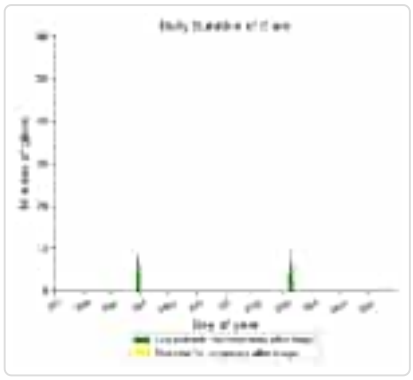


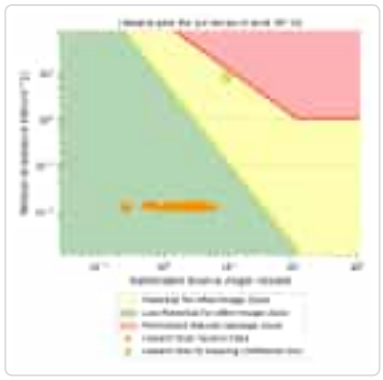
PV array 6: OP 42

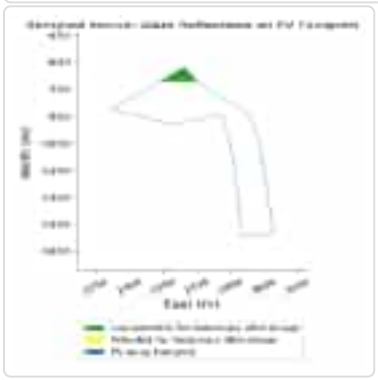
PV array is expected to produce the following glare for this receptor:

- 56 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 43

No glare found

PV array 6: OP 44

No glare found

PV array 6: OP 45

No glare found

PV array 6: OP 46

No glare found

PV array 6: OP 47

No glare found

PV array 6: OP 48

No glare found

PV array 6: OP 49

No glare found

PV array 6: OP 50

No glare found

PV array 6: OP 51

No glare found

PV array 6: OP 52

No glare found

PV array 6: OP 53

No glare found

PV array 6: OP 54

No glare found

PV array 6: OP 55

No glare found

PV array 6: OP 56

No glare found

PV array 6: OP 57

No glare found

PV array 6: OP 58

No glare found

PV array 6: OP 59

No glare found

PV array 6: OP 60

No glare found

PV array 6: OP 61

No glare found

PV array 6: OP 62

No glare found

PV array 6: OP 63

No glare found

PV array 6: OP 64

No glare found

PV array 6: OP 65

No glare found

PV array 6: OP 66

No glare found

PV array 6: OP 67

No glare found

PV array 6: OP 68

No glare found

PV array 6: OP 69

No glare found

PV array 6: OP 70

No glare found

PV array 6: OP 71

No glare found

PV array 6: OP 72

No glare found

PV array 6: OP 73

No glare found

PV array 6: OP 74

No glare found

PV array 6: OP 75

No glare found

PV array 6: OP 76

No glare found

PV array 6: OP 77

No glare found

PV array 6: OP 78

No glare found

PV array 6: OP 79

No glare found

PV array 6: OP 80

No glare found

PV array 7 potential temporary after-image

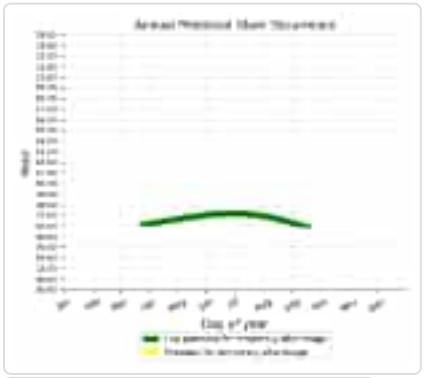
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	3093	0
OP: OP 2	2876	0
OP: OP 3	3159	0
OP: OP 4	3341	0
OP: OP 5	3419	0
OP: OP 6	3532	0
OP: OP 7	3654	0
OP: OP 8	2644	1016
OP: OP 9	1715	1798
OP: OP 10	2035	968
OP: OP 11	2467	919
OP: OP 12	1843	573
OP: OP 13	1349	306
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	1115	0
OP: OP 31	1276	0
OP: OP 32	1555	0
OP: OP 33	1832	0

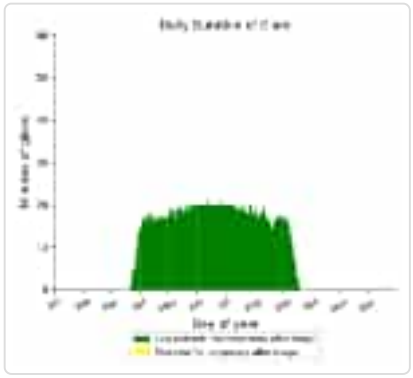
OP: OP 34	2329	0
OP: OP 35	3369	0
OP: OP 36	3442	0
OP: OP 37	3356	0
OP: OP 38	1013	0
OP: OP 39	576	0
OP: OP 40	174	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

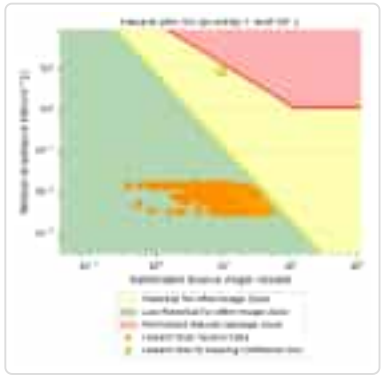
PV array 7: OP 1

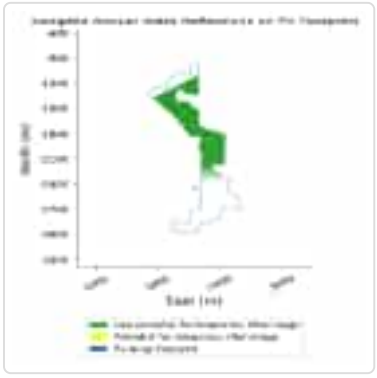
PV array is expected to produce the following glare for this receptor:

- 3,093 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





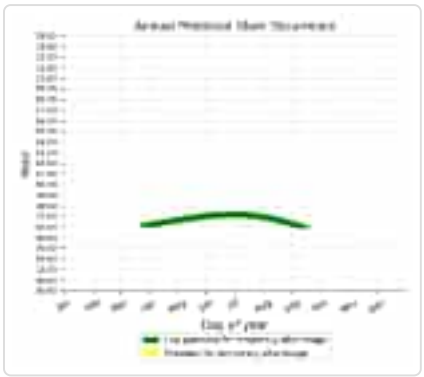


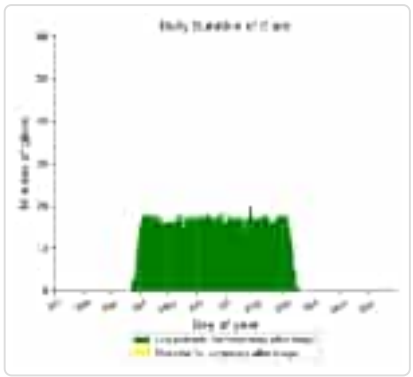


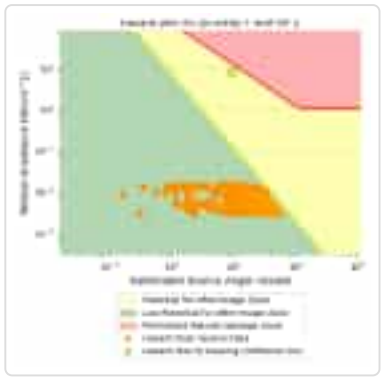
PV array 7: OP 2

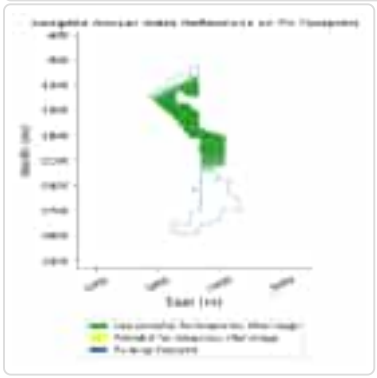
PV array is expected to produce the following glare for this receptor:

- 2,876 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





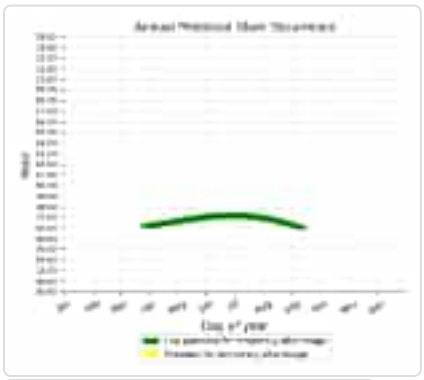


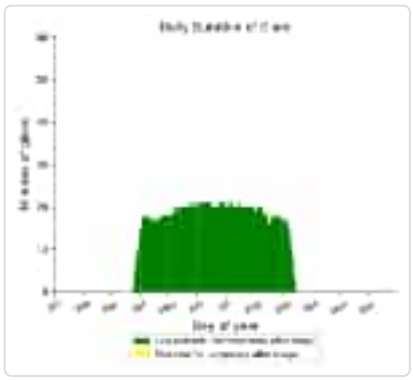


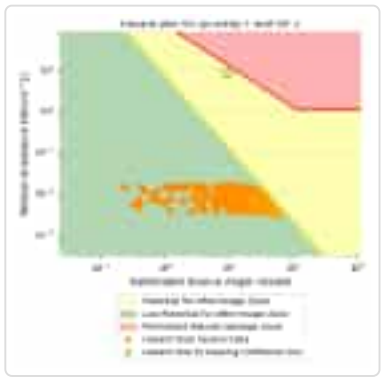
PV array 7: OP 3

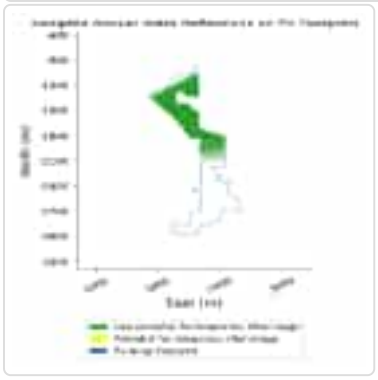
PV array is expected to produce the following glare for this receptor:

- 3,159 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





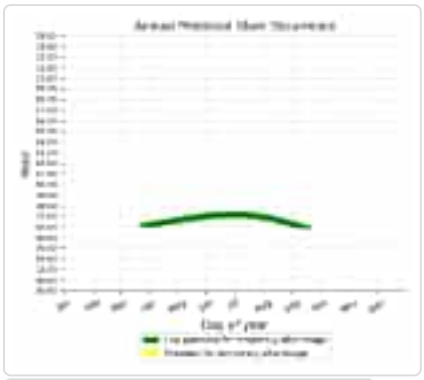


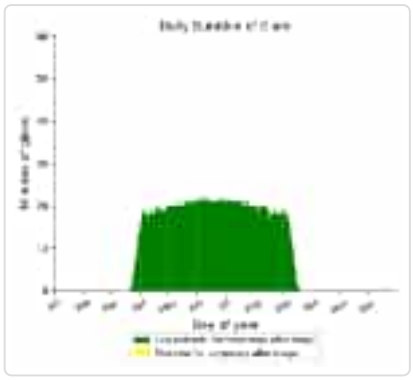


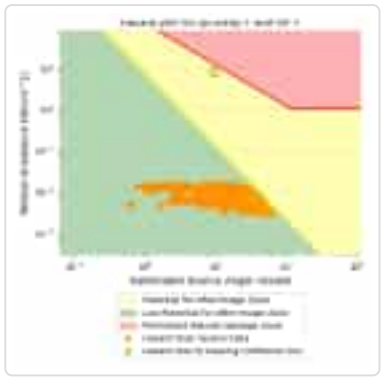
PV array 7: OP 4

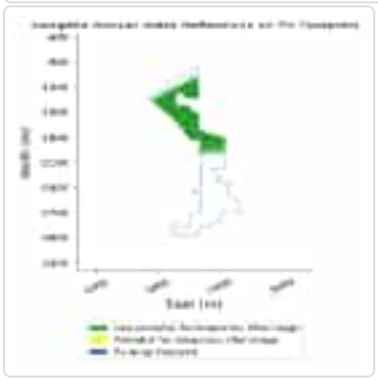
PV array is expected to produce the following glare for this receptor:

- 3,341 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





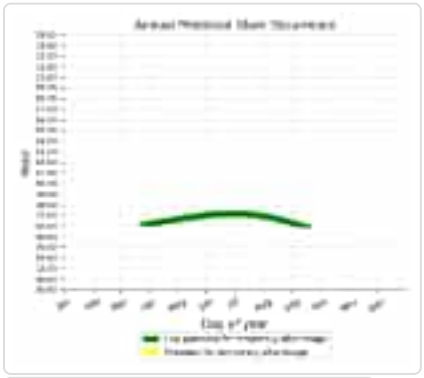


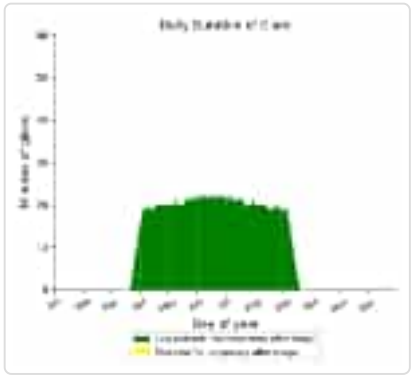


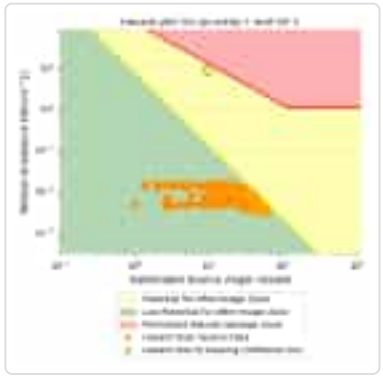
PV array 7: OP 5

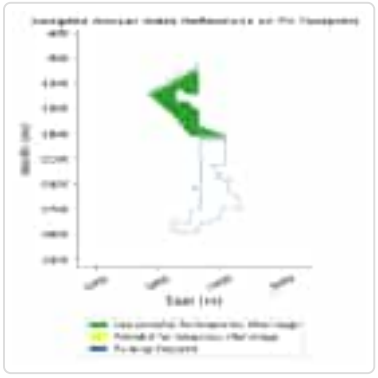
PV array is expected to produce the following glare for this receptor:

- 3,419 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





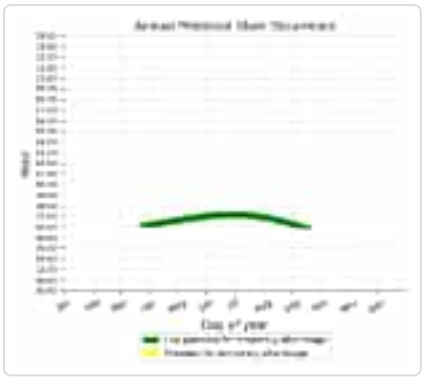


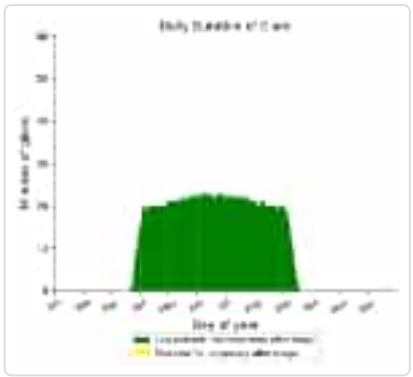


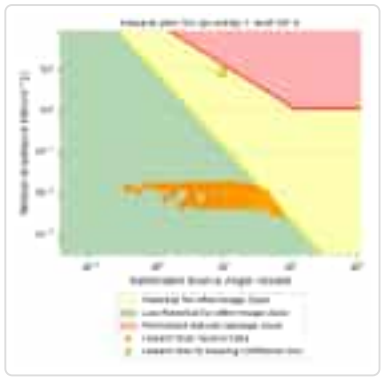
PV array 7: OP 6

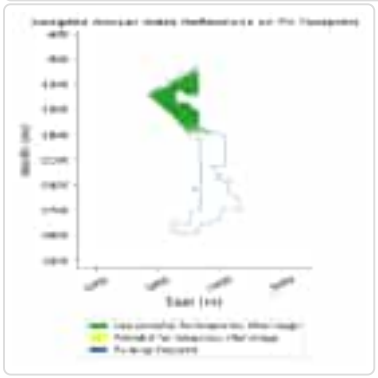
PV array is expected to produce the following glare for this receptor:

- 3,532 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





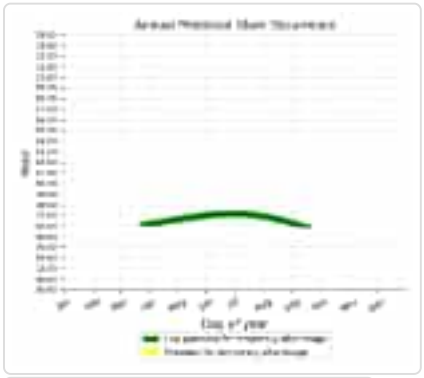


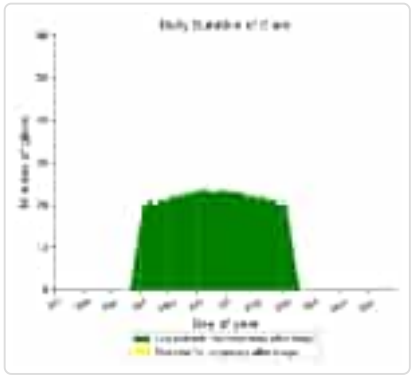


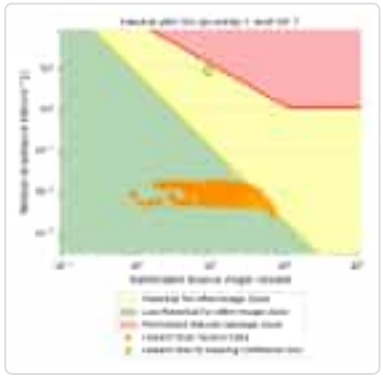
PV array 7: OP 7

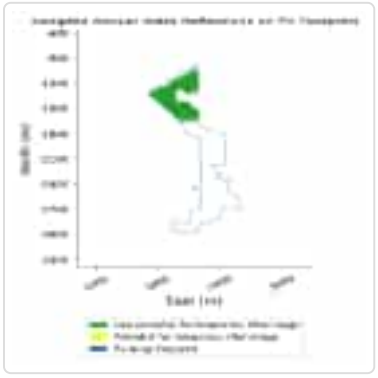
PV array is expected to produce the following glare for this receptor:

- 3,654 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





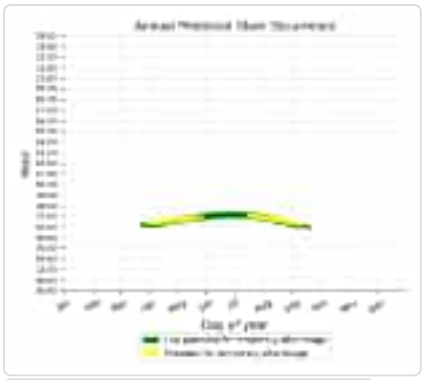


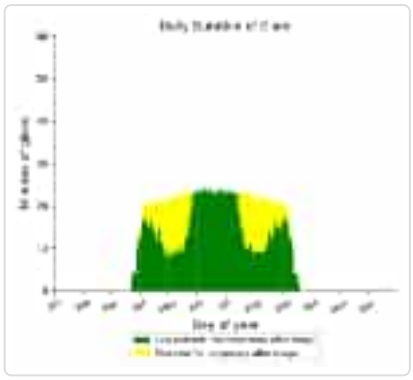


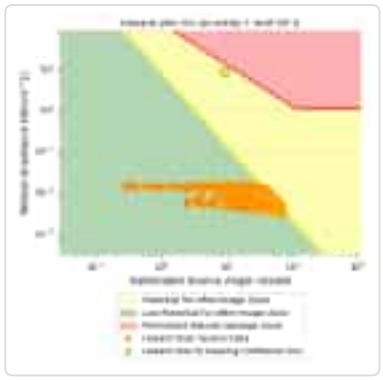
PV array 7: OP 8

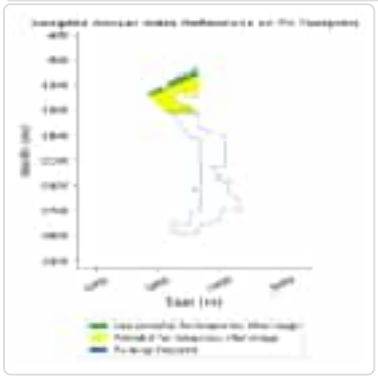
PV array is expected to produce the following glare for this receptor:

- 2,644 minutes of "green" glare with low potential to cause temporary after-image.
- 1,016 minutes of "yellow" glare with potential to cause temporary after-image.





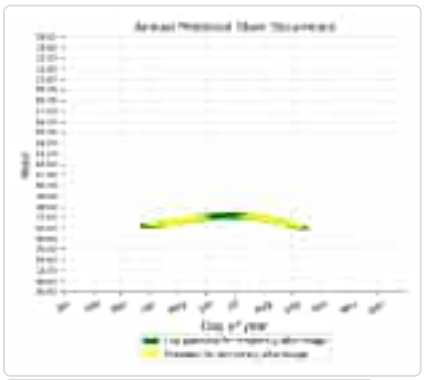


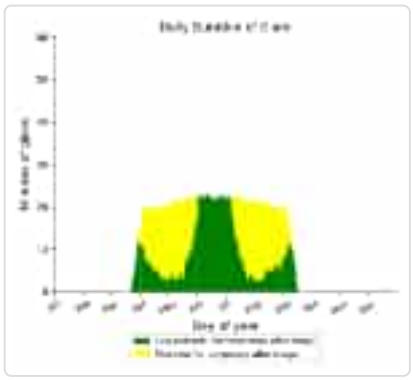


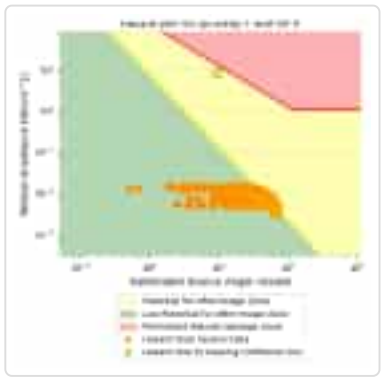
PV array 7: OP 9

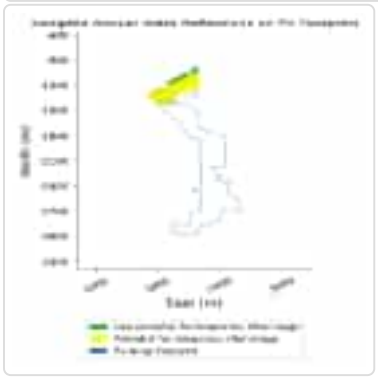
PV array is expected to produce the following glare for this receptor:

- 1,715 minutes of "green" glare with low potential to cause temporary after-image.
- 1,798 minutes of "yellow" glare with potential to cause temporary after-image.





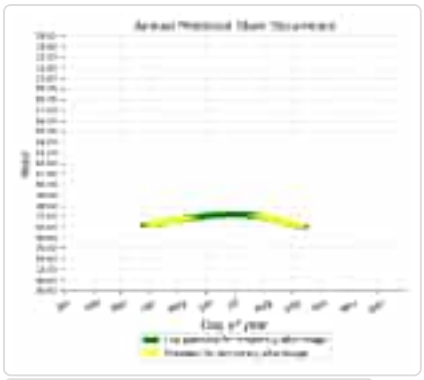


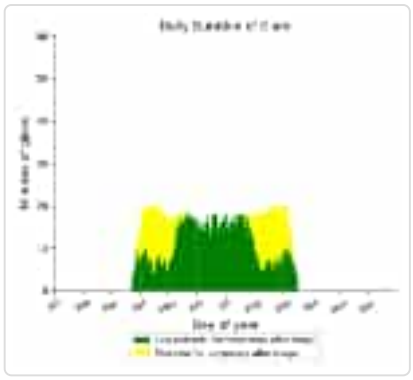


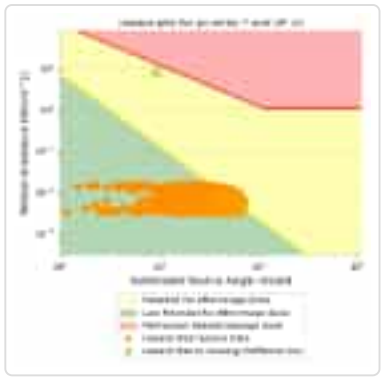
PV array 7: OP 10

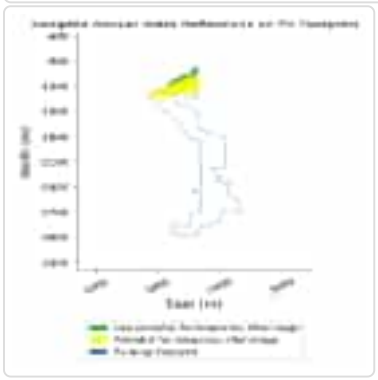
PV array is expected to produce the following glare for this receptor:

- 2,035 minutes of "green" glare with low potential to cause temporary after-image.
- 968 minutes of "yellow" glare with potential to cause temporary after-image.





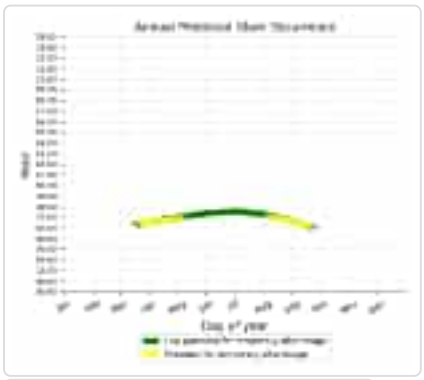


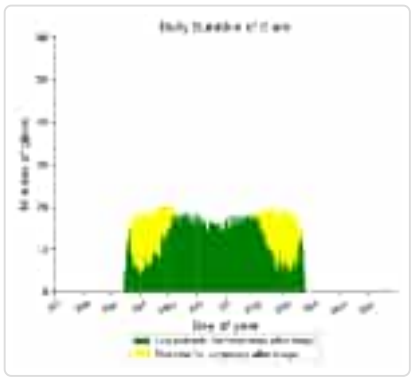


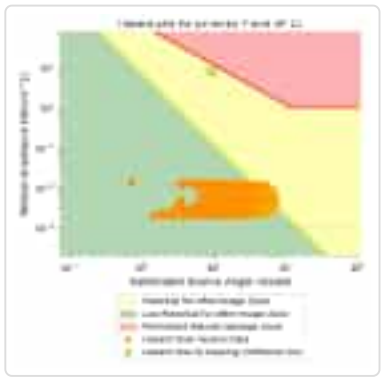
PV array 7: OP 11

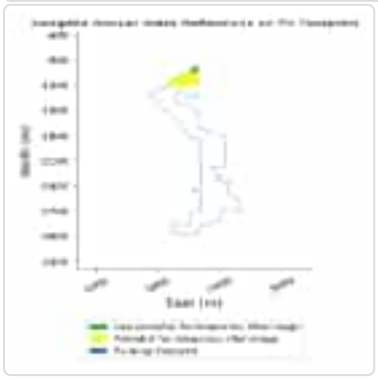
PV array is expected to produce the following glare for this receptor:

- 2,467 minutes of "green" glare with low potential to cause temporary after-image.
- 919 minutes of "yellow" glare with potential to cause temporary after-image.





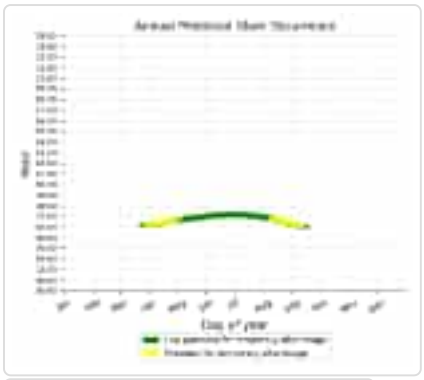


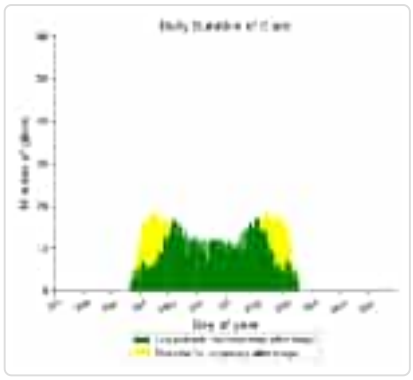


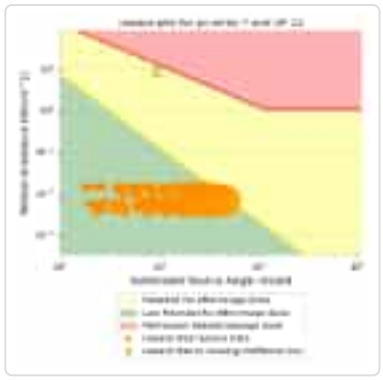
PV array 7: OP 12

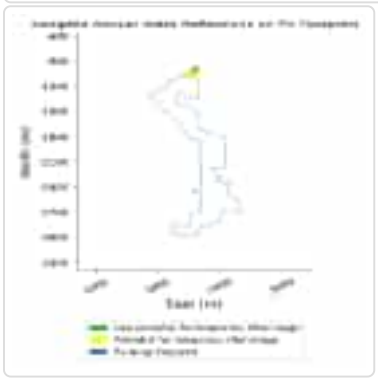
PV array is expected to produce the following glare for this receptor:

- 1,843 minutes of "green" glare with low potential to cause temporary after-image.
- 573 minutes of "yellow" glare with potential to cause temporary after-image.





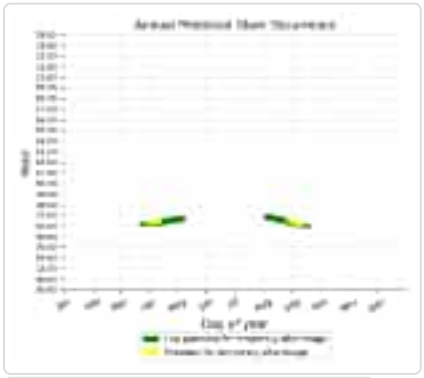


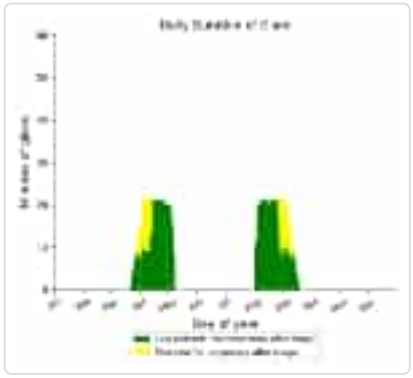


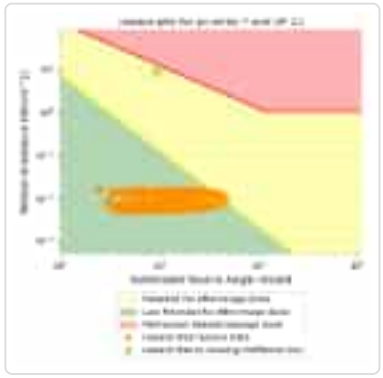
PV array 7: OP 13

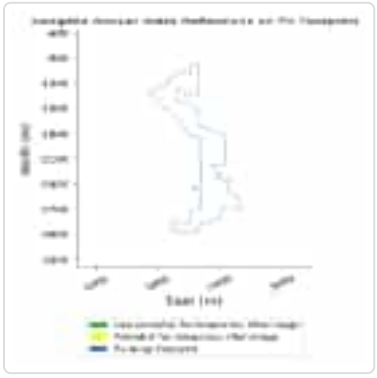
PV array is expected to produce the following glare for this receptor:

- 1,349 minutes of "green" glare with low potential to cause temporary after-image.
- 306 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 14

No glare found

PV array 7: OP 15

No glare found

PV array 7: OP 16

No glare found

PV array 7: OP 17

No glare found

PV array 7: OP 18

No glare found

PV array 7: OP 19

No glare found

PV array 7: OP 20

No glare found

PV array 7: OP 21

No glare found

PV array 7: OP 22

No glare found

PV array 7: OP 23

No glare found

PV array 7: OP 24

No glare found

PV array 7: OP 25

No glare found

PV array 7: OP 26

No glare found

PV array 7: OP 27

No glare found

PV array 7: OP 28

No glare found

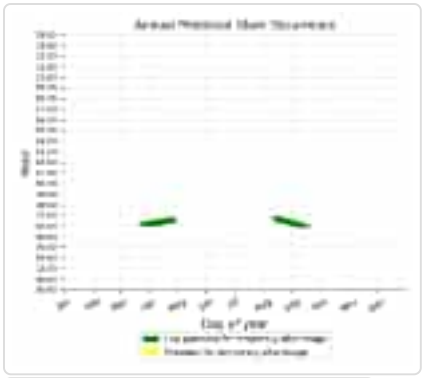
PV array 7: OP 29

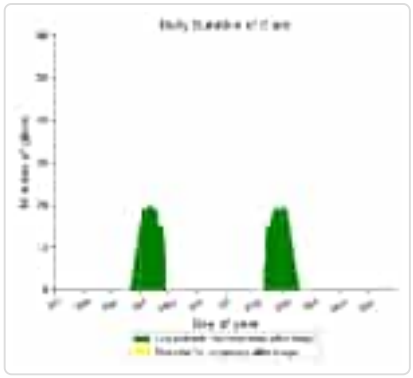
No glare found

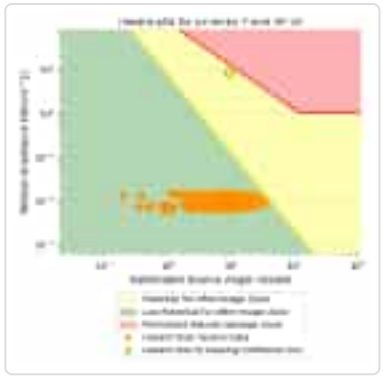
PV array 7: OP 30

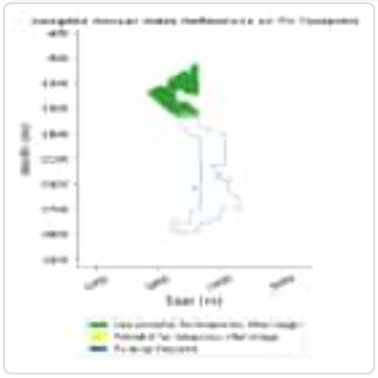
PV array is expected to produce the following glare for this receptor:

- 1,115 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





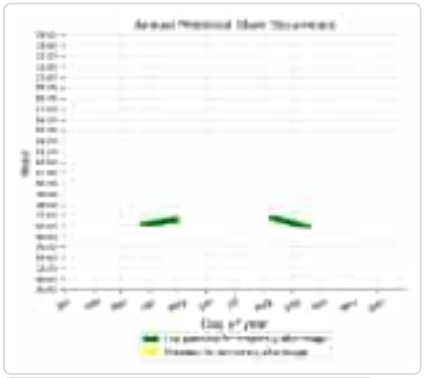


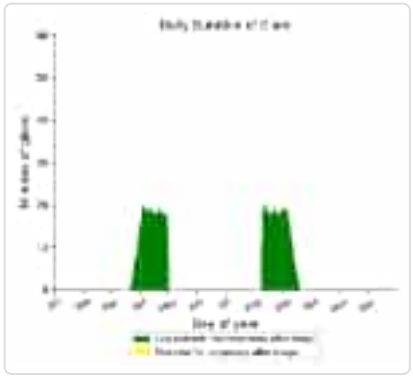


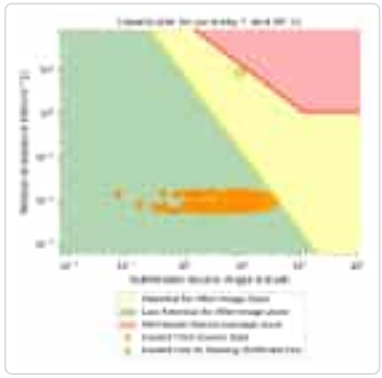
PV array 7: OP 31

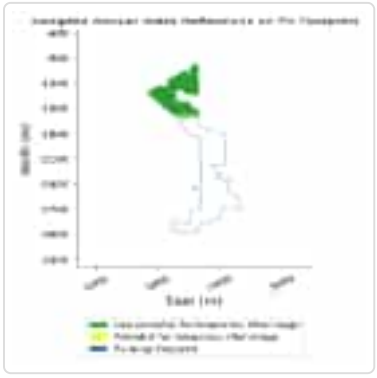
PV array is expected to produce the following glare for this receptor:

- 1,276 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





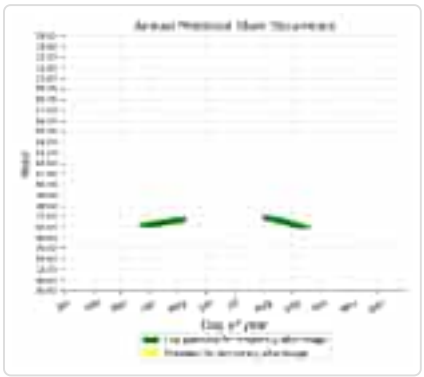


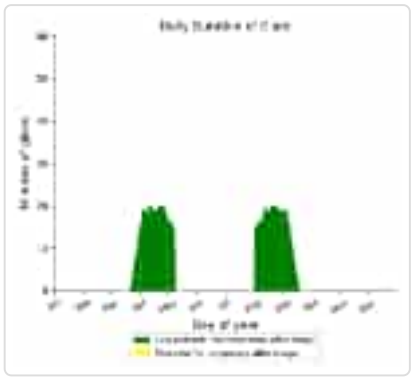


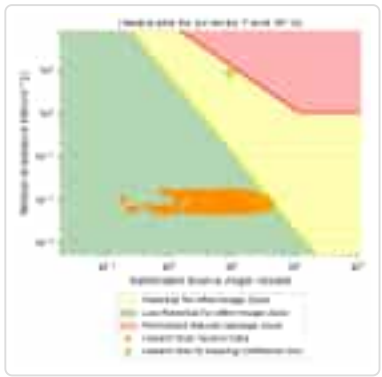
PV array 7: OP 32

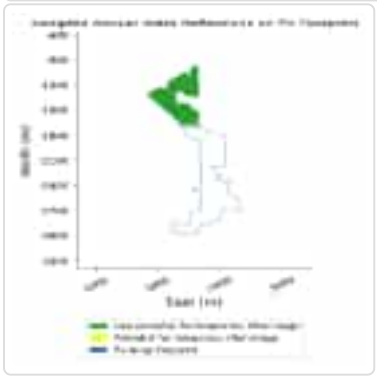
PV array is expected to produce the following glare for this receptor:

- 1,555 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





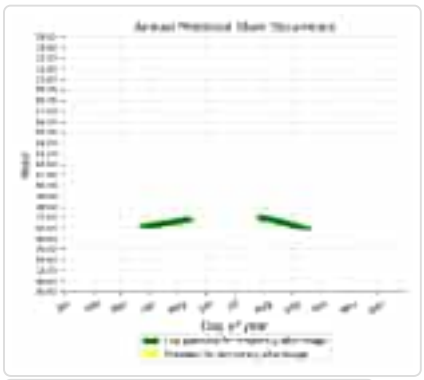


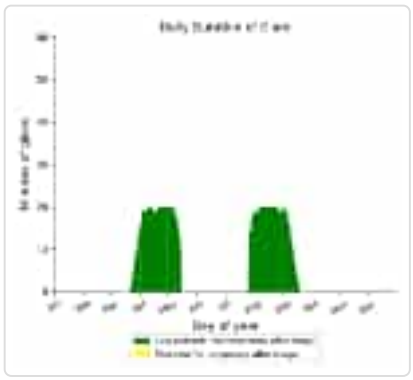


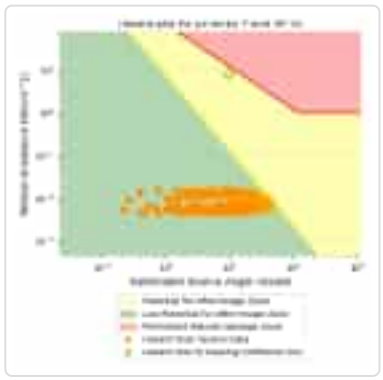
PV array 7: OP 33

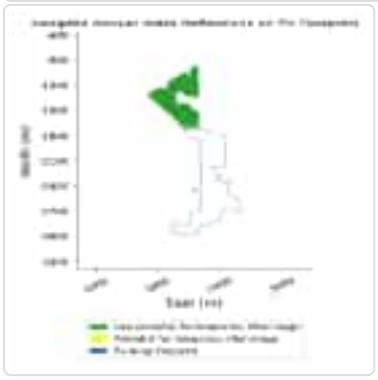
PV array is expected to produce the following glare for this receptor:

- 1,832 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





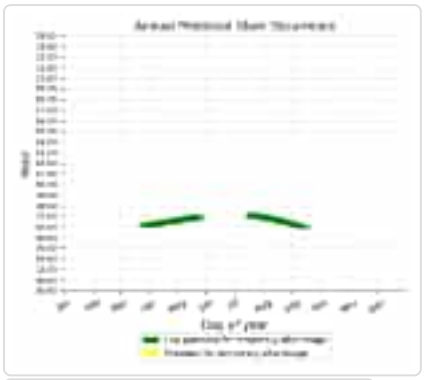


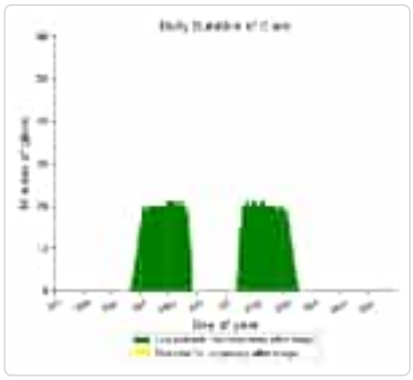


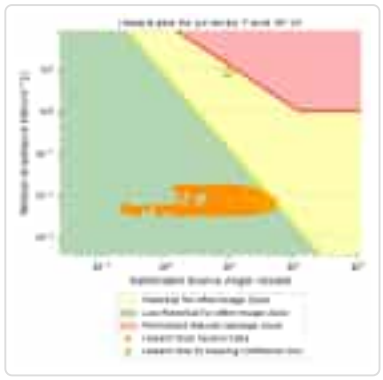
PV array 7: OP 34

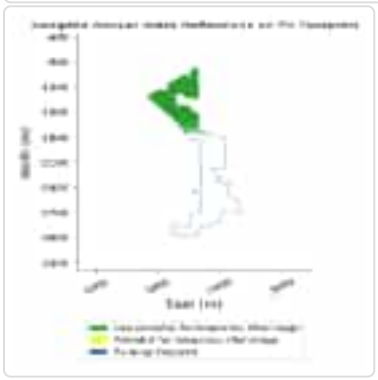
PV array is expected to produce the following glare for this receptor:

- 2,329 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





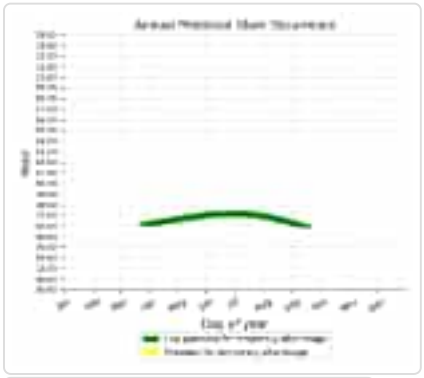


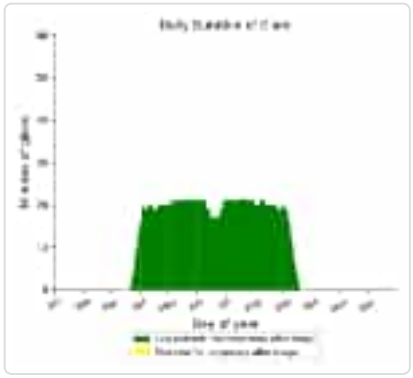


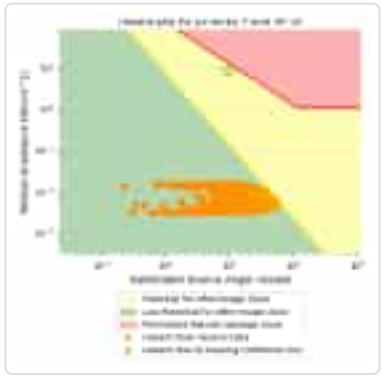
PV array 7: OP 35

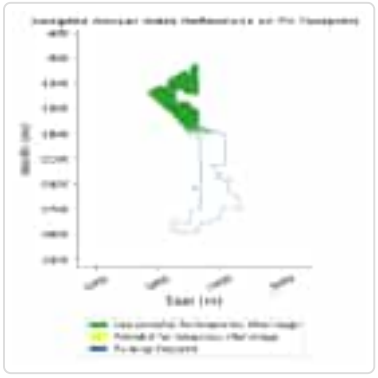
PV array is expected to produce the following glare for this receptor:

- 3,369 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





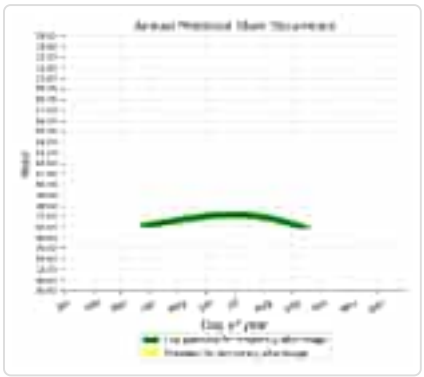


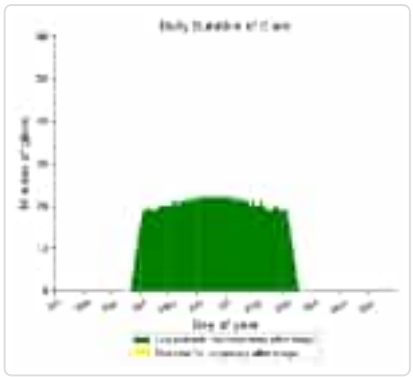


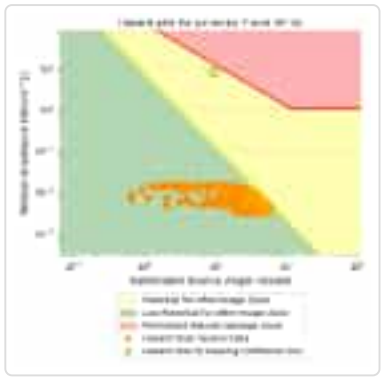
PV array 7: OP 36

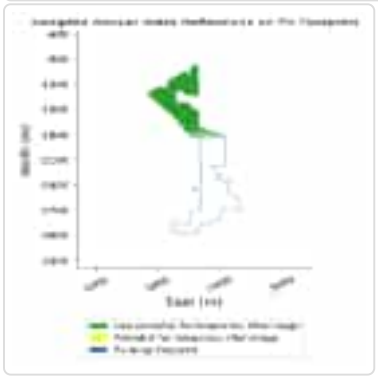
PV array is expected to produce the following glare for this receptor:

- 3,442 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





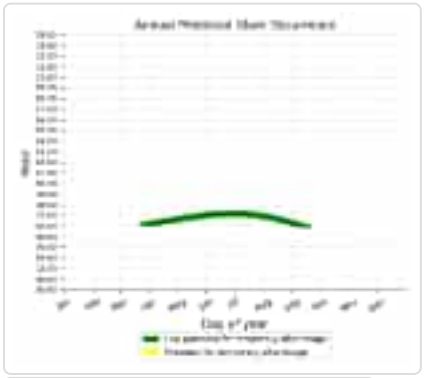


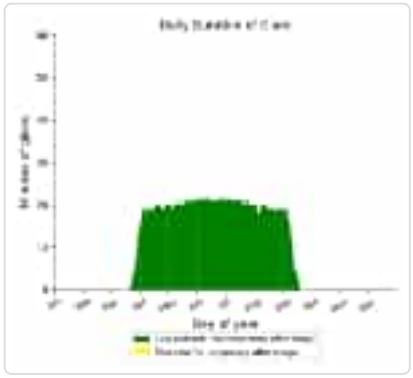


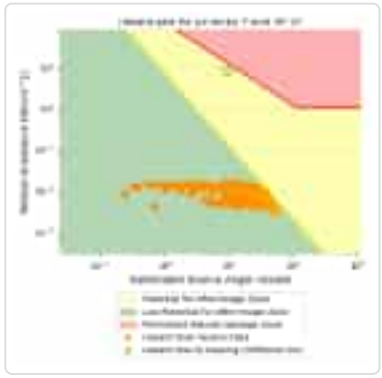
PV array 7: OP 37

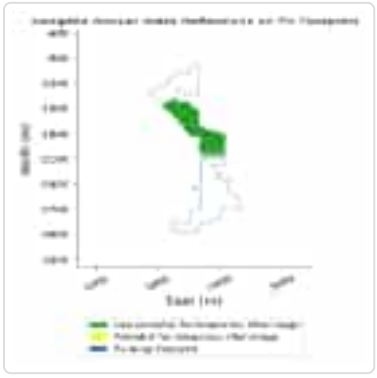
PV array is expected to produce the following glare for this receptor:

- 3,356 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





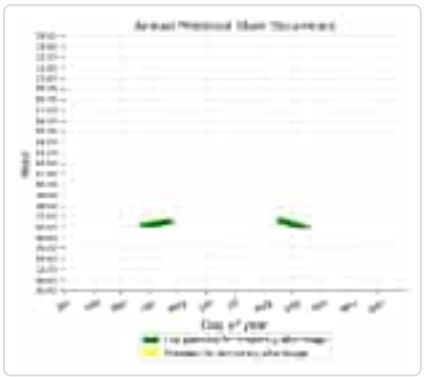


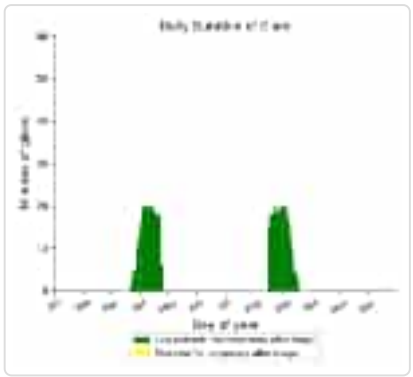


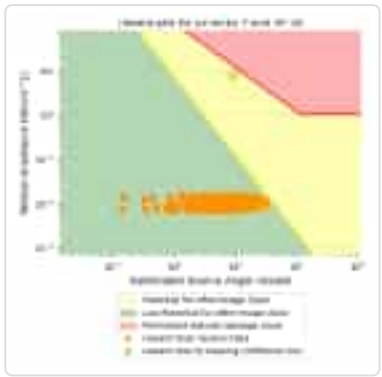
PV array 7: OP 38

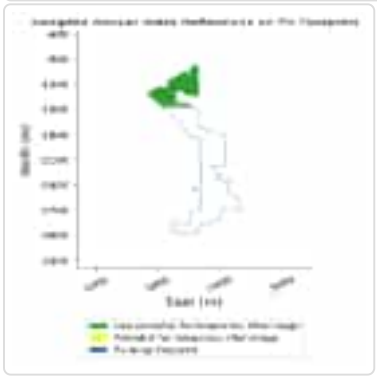
PV array is expected to produce the following glare for this receptor:

- 1,013 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





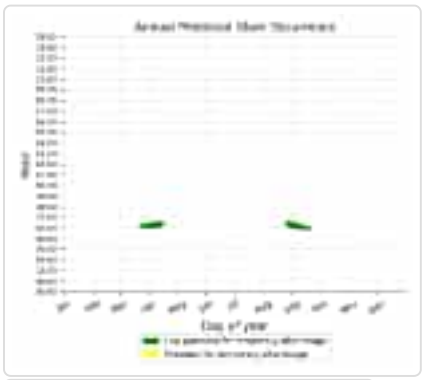


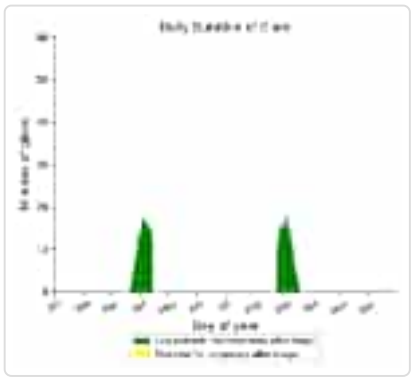


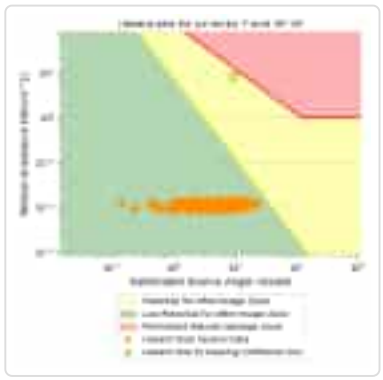
PV array 7: OP 39

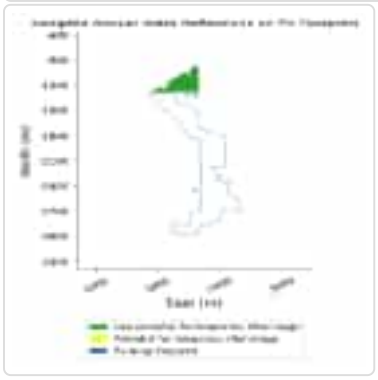
PV array is expected to produce the following glare for this receptor:

- 576 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





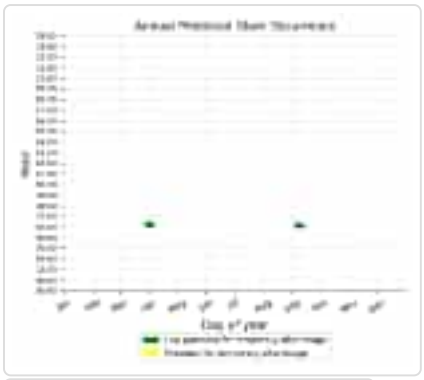


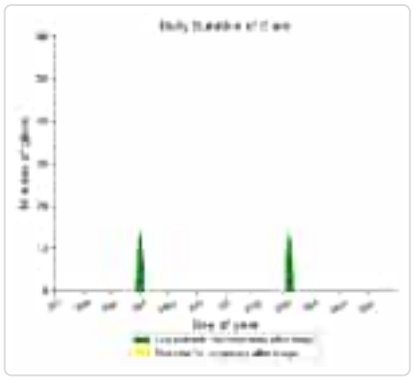


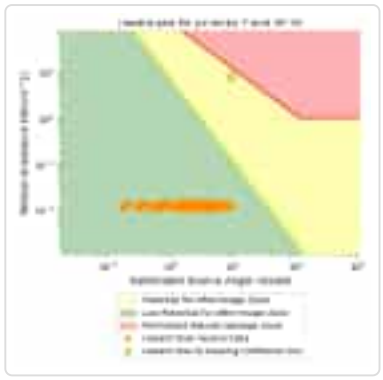
PV array 7: OP 40

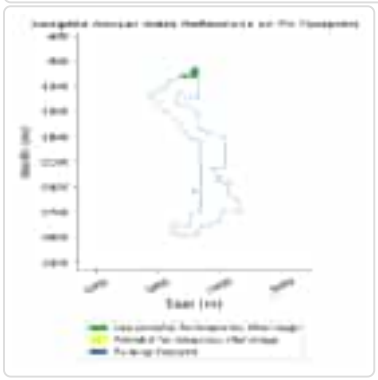
PV array is expected to produce the following glare for this receptor:

- 174 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 41

No glare found

PV array 7: OP 42

No glare found

PV array 7: OP 43

No glare found

PV array 7: OP 44

No glare found

PV array 7: OP 45

No glare found

PV array 7: OP 46

No glare found

PV array 7: OP 47

No glare found

PV array 7: OP 48

No glare found

PV array 7: OP 49

No glare found

PV array 7: OP 50

No glare found

PV array 7: OP 51

No glare found

PV array 7: OP 52

No glare found

PV array 7: OP 53

No glare found

PV array 7: OP 54

No glare found

PV array 7: OP 55

No glare found

PV array 7: OP 56

No glare found

PV array 7: OP 57

No glare found

PV array 7: OP 58

No glare found

PV array 7: OP 59

No glare found

PV array 7: OP 60

No glare found

PV array 7: OP 61

No glare found

PV array 7: OP 62

No glare found

PV array 7: OP 63

No glare found

PV array 7: OP 64

No glare found

PV array 7: OP 65

No glare found

PV array 7: OP 66

No glare found

PV array 7: OP 67

No glare found

PV array 7: OP 68

No glare found

PV array 7: OP 69

No glare found

PV array 7: OP 70

No glare found

PV array 7: OP 71

No glare found

PV array 7: OP 72

No glare found

PV array 7: OP 73

No glare found

PV array 7: OP 74

No glare found

PV array 7: OP 75

No glare found

PV array 7: OP 76

No glare found

PV array 7: OP 77

No glare found

PV array 7: OP 78

No glare found

PV array 7: OP 79

No glare found

PV array 7: OP 80

No glare found

PV array 8 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 9 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Fosse Green Solar Farm

Fosse Green SF Road Group B 45 Degrees

Created Jan 12, 2024
Updated Sep 03, 2024
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 109587.18719

Project type Advanced
Project status: active
Category 10 MW to 100 MW

Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
PV array 1	45.0	180.0	84,695	1,019	-
PV array 10	45.0	180.0	43,807	6,503	-
PV array 11	45.0	180.0	62,719	22,845	-
PV array 12	45.0	180.0	4,239	0	-
PV array 13	45.0	180.0	3,125	78	-
PV array 14	45.0	180.0	9,552	4,077	-
PV array 15	45.0	180.0	339	0	-
PV array 2	45.0	180.0	26,825	561	-
PV array 3	45.0	180.0	92,367	4,734	-
PV array 4	45.0	180.0	57,983	8,546	-
PV array 5	45.0	180.0	8,616	0	-
PV array 6	45.0	180.0	41,677	25,587	-
PV array 7	45.0	180.0	120,020	4,880	-
PV array 8	45.0	180.0	20,366	2,378	-
PV array 9	45.0	180.0	32,099	11,481	-

Component Data

PV Array(s)

Total PV footprint area: 5,181,880 m^2

Name: PV array 1
Footprint area: 534,233 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.173327	-0.683693	15.22	3.50	18.72
2	53.171796	-0.684143	15.03	3.50	18.53
3	53.171552	-0.683478	15.19	3.50	18.69
4	53.171127	-0.682985	15.98	3.50	19.48
5	53.169712	-0.681805	15.00	3.50	18.50
6	53.168092	-0.681418	16.50	3.50	20.00
7	53.167989	-0.682362	16.00	3.50	19.50
8	53.167616	-0.682427	15.86	3.50	19.36
9	53.166844	-0.682749	16.00	3.50	19.50
10	53.166574	-0.682985	16.00	3.50	19.50
11	53.166123	-0.682920	16.00	3.50	19.50
12	53.166394	-0.680345	17.00	3.50	20.50
13	53.166741	-0.680410	16.40	3.50	19.90
14	53.166831	-0.679530	17.48	3.50	20.98
15	53.167320	-0.679659	17.17	3.50	20.67
16	53.167564	-0.677277	20.64	3.50	24.14
17	53.166522	-0.676741	20.78	3.50	24.28
18	53.164593	-0.675024	20.02	3.50	23.52
19	53.163010	-0.673672	18.14	3.50	21.64
20	53.162869	-0.672857	19.04	3.50	22.54
21	53.163088	-0.672084	19.80	3.50	23.30
22	53.163679	-0.671333	23.18	3.50	26.68
23	53.165403	-0.672857	27.63	3.50	31.13
24	53.165648	-0.671870	30.61	3.50	34.11
25	53.166458	-0.671269	32.00	3.50	35.50
26	53.166857	-0.671569	31.99	3.50	35.49
27	53.167847	-0.667406	24.66	3.50	28.16
28	53.169468	-0.666720	25.10	3.50	28.60
29	53.169031	-0.668608	27.89	3.50	31.39
30	53.169198	-0.670067	30.98	3.50	34.48
31	53.169982	-0.673629	26.94	3.50	30.44
32	53.170246	-0.673758	26.58	3.50	30.08
33	53.171294	-0.673125	28.40	3.50	31.90
34	53.171745	-0.672299	30.82	3.50	34.32
35	53.172105	-0.674048	26.50	3.50	30.00
36	53.171674	-0.675957	22.65	3.50	26.15
37	53.171507	-0.677599	22.08	3.50	25.58
38	53.171629	-0.678414	22.99	3.50	26.49
39	53.171918	-0.678833	24.21	3.50	27.71
40	53.171809	-0.679283	22.62	3.50	26.12
41	53.171449	-0.679391	20.48	3.50	23.98
42	53.170838	-0.677985	18.51	3.50	22.01
43	53.170593	-0.678028	17.96	3.50	21.46
44	53.170606	-0.678200	17.83	3.50	21.33
45	53.171372	-0.679906	19.18	3.50	22.68
46	53.171249	-0.681719	17.42	3.50	20.92
47	53.171378	-0.681955	17.27	3.50	20.77
48	53.171333	-0.682395	16.56	3.50	20.06
49	53.171597	-0.682502	16.79	3.50	20.29
50	53.173384	-0.681622	18.75	3.50	22.25

Name: PV array 10
Footprint area: 185,320 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.150798	-0.633966	8.64	3.50	12.14
2	53.150219	-0.635436	8.34	3.50	11.84
3	53.150026	-0.636744	8.28	3.50	11.78
4	53.148983	-0.636744	9.89	3.50	13.39
5	53.148803	-0.636862	10.13	3.50	13.63
6	53.148829	-0.637045	9.76	3.50	13.26
7	53.147420	-0.637957	10.19	3.50	13.69
8	53.146461	-0.637796	10.65	3.50	14.15
9	53.146126	-0.637302	11.44	3.50	14.94
10	53.145875	-0.635146	9.74	3.50	13.24
11	53.145566	-0.635264	9.14	3.50	12.64
12	53.145451	-0.635843	9.42	3.50	12.92
13	53.145142	-0.635951	9.94	3.50	13.44
14	53.144987	-0.634910	11.54	3.50	15.04
15	53.144637	-0.634278	12.00	3.50	15.50
16	53.143968	-0.633344	12.41	3.50	15.91
17	53.144200	-0.633280	11.84	3.50	15.34
18	53.144953	-0.632754	9.97	3.50	13.47
19	53.145828	-0.631949	10.31	3.50	13.81
20	53.146497	-0.631509	11.15	3.50	14.65
21	53.147668	-0.633848	12.51	3.50	16.01
22	53.148395	-0.633344	12.81	3.50	16.31
23	53.148254	-0.632947	13.08	3.50	16.58
24	53.148910	-0.632035	13.05	3.50	16.55
25	53.149148	-0.632604	13.03	3.50	16.53
26	53.149631	-0.631853	12.49	3.50	15.99

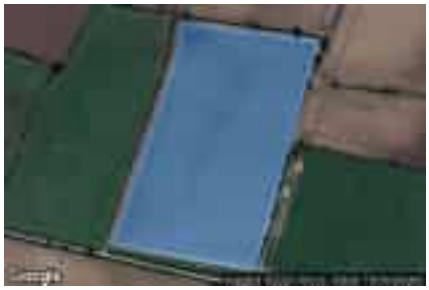
Name: PV array 11
Footprint area: 717,731 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.148506	-0.631749	13.14	3.50	16.64
2	53.147850	-0.632704	12.97	3.50	16.47
3	53.147683	-0.632715	12.37	3.50	15.87
4	53.146640	-0.630945	11.20	3.50	14.70
5	53.146396	-0.630848	12.22	3.50	15.72
6	53.145637	-0.631266	12.28	3.50	15.78
7	53.144343	-0.632565	11.04	3.50	14.54
8	53.142046	-0.627951	13.11	3.50	16.61
9	53.141524	-0.626084	12.34	3.50	15.84
10	53.138596	-0.627329	13.83	3.50	17.33
11	53.138454	-0.627232	13.48	3.50	16.98
12	53.137051	-0.628370	12.96	3.50	16.46
13	53.137154	-0.629056	13.21	3.50	16.71
14	53.135919	-0.628649	14.19	3.50	17.69
15	53.135771	-0.627640	12.78	3.50	16.28
16	53.134593	-0.628456	13.03	3.50	16.53
17	53.134464	-0.624700	12.77	3.50	16.27
18	53.134618	-0.624700	12.76	3.50	16.26
19	53.134631	-0.624990	12.76	3.50	16.26
20	53.135655	-0.624947	12.58	3.50	16.08
21	53.135758	-0.626331	11.86	3.50	15.36
22	53.136112	-0.626567	11.92	3.50	15.42
23	53.136549	-0.625162	10.74	3.50	14.24
24	53.136717	-0.625055	10.13	3.50	13.63
25	53.136652	-0.624636	10.38	3.50	13.88
26	53.137450	-0.624089	10.03	3.50	13.53
27	53.135830	-0.616790	7.11	3.50	10.61
28	53.136200	-0.615960	6.99	3.50	10.49
29	53.137240	-0.614930	7.15	3.50	10.65
30	53.137620	-0.615710	7.24	3.50	10.74
31	53.137860	-0.615550	7.38	3.50	10.88
32	53.137990	-0.614790	7.14	3.50	10.64
33	53.139105	-0.617426	7.93	3.50	11.43
34	53.139800	-0.619754	11.05	3.50	14.55
35	53.141717	-0.618682	9.38	3.50	12.88
36	53.142129	-0.620227	11.21	3.50	14.71
37	53.142007	-0.620323	10.80	3.50	14.30
38	53.142541	-0.622211	11.19	3.50	14.69
39	53.144034	-0.620784	11.76	3.50	15.26
40	53.144607	-0.623563	11.92	3.50	15.42
41	53.145591	-0.624582	12.63	3.50	16.13
42	53.145044	-0.625248	12.90	3.50	16.40
43	53.145077	-0.625666	12.28	3.50	15.78
44	53.146634	-0.628348	11.72	3.50	15.22
45	53.146808	-0.628220	12.16	3.50	15.66
46	53.148268	-0.630762	12.11	3.50	15.61
47	53.148101	-0.631030	11.92	3.50	15.42

Name: PV array 12
Footprint area: 73,115 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.136228	-0.613414	8.07	3.50	11.57
2	53.135854	-0.613478	8.46	3.50	11.96
3	53.133222	-0.614980	9.82	3.50	13.32
4	53.132887	-0.611772	10.64	3.50	14.14
5	53.135977	-0.610335	9.13	3.50	12.63

Name: PV array 13
Footprint area: 737,153 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.135585	-0.658160	11.48	3.50	14.98
2	53.136461	-0.665906	14.75	3.50	18.25
3	53.130642	-0.667945	14.56	3.50	18.06
4	53.130333	-0.666357	13.81	3.50	17.31
5	53.128440	-0.666872	14.86	3.50	18.36
6	53.128582	-0.668717	14.77	3.50	18.27
7	53.128273	-0.668782	14.57	3.50	18.07
8	53.128131	-0.667301	14.49	3.50	17.99
9	53.125730	-0.667666	13.07	3.50	16.57
10	53.125710	-0.667945	12.94	3.50	16.44
11	53.124455	-0.667505	13.19	3.50	16.69
12	53.124558	-0.666711	12.70	3.50	16.20
13	53.123380	-0.665788	11.31	3.50	14.81
14	53.123457	-0.665370	11.00	3.50	14.50
15	53.123122	-0.665220	12.04	3.50	15.54
16	53.123476	-0.663514	13.15	3.50	16.65
17	53.124365	-0.661776	13.29	3.50	16.79
18	53.124571	-0.660832	13.96	3.50	17.46
19	53.125067	-0.660220	13.10	3.50	16.60
20	53.126410	-0.656650	11.66	3.50	15.16
21	53.126650	-0.656260	11.38	3.50	14.88
22	53.126960	-0.656270	11.65	3.50	15.15
23	53.127180	-0.656070	12.25	3.50	15.75
24	53.127600	-0.659050	12.08	3.50	15.58
25	53.128790	-0.658920	13.52	3.50	17.02
26	53.129280	-0.661440	14.94	3.50	18.44
27	53.131090	-0.659840	14.90	3.50	18.40
28	53.131520	-0.659500	14.40	3.50	17.90
29	53.132320	-0.658860	12.70	3.50	16.20
30	53.133270	-0.657930	12.71	3.50	16.21
31	53.133345	-0.658664	11.01	3.50	14.51

Name: PV array 14
Footprint area: 209,663 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132660	-0.653180	10.42	3.50	13.92
2	53.132070	-0.653360	10.23	3.50	13.73
3	53.131511	-0.653075	11.28	3.50	14.78
4	53.130770	-0.652409	10.38	3.50	13.88
5	53.130352	-0.650049	9.94	3.50	13.44
6	53.130095	-0.649556	9.85	3.50	13.35
7	53.130275	-0.649255	10.71	3.50	14.21
8	53.132390	-0.648020	11.38	3.50	14.88
9	53.133030	-0.650850	12.19	3.50	15.69
9	53.133030	-0.650850	12.19	3.50	15.69
9	53.133030	-0.650850	12.19	3.50	15.69
9	53.133030	-0.650850	12.19	3.50	15.69
9	53.133030	-0.650850	12.19	3.50	15.69
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38

Name: PV array 15
Footprint area: 78,226 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132772	-0.647378	9.94	3.50	13.44
2	53.130056	-0.648847	10.80	3.50	14.30
3	53.129882	-0.649255	9.89	3.50	13.39
4	53.129303	-0.648847	10.80	3.50	14.30
5	53.128942	-0.648858	10.87	3.50	14.37
6	53.128884	-0.648418	11.51	3.50	15.01
7	53.128311	-0.648386	11.43	3.50	14.93
8	53.128105	-0.646884	11.40	3.50	14.90
9	53.130622	-0.645758	10.83	3.50	14.33
10	53.130700	-0.646122	11.65	3.50	15.15
11	53.131298	-0.645768	10.18	3.50	13.68
12	53.132410	-0.645330	9.00	3.50	12.50

Name: PV array 2
Footprint area: 606,601 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.179699	-0.666763	17.74	3.50	21.24
2	53.179108	-0.670067	20.15	3.50	23.65
3	53.176523	-0.668029	19.69	3.50	23.19
4	53.174220	-0.666891	26.06	3.50	29.56
5	53.174465	-0.660669	17.80	3.50	21.30
6	53.172497	-0.660755	16.16	3.50	19.66
7	53.172510	-0.661355	17.14	3.50	20.64
8	53.172960	-0.661484	17.29	3.50	20.79
9	53.173230	-0.666677	24.28	3.50	27.78
10	53.172175	-0.666226	20.97	3.50	24.47
11	53.171823	-0.664919	19.69	3.50	23.19
12	53.171714	-0.664865	19.72	3.50	23.22
13	53.170968	-0.662526	18.08	3.50	21.58
14	53.170357	-0.661797	17.29	3.50	20.79
15	53.174293	-0.653523	13.69	3.50	17.19
16	53.178283	-0.655459	15.69	3.50	19.19
17	53.179363	-0.655588	13.41	3.50	16.91
18	53.178051	-0.662519	19.70	3.50	23.20
19	53.177884	-0.665737	19.63	3.50	23.13

Name: PV array 3
Footprint area: 679,847 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.162240	-0.675330	17.88	3.50	21.38
2	53.159340	-0.671810	16.96	3.50	20.46
3	53.159790	-0.670480	16.50	3.50	20.00
4	53.160860	-0.668250	17.83	3.50	21.33
5	53.160420	-0.666810	17.26	3.50	20.76
6	53.159450	-0.669110	15.52	3.50	19.02
7	53.159860	-0.669750	15.96	3.50	19.46
8	53.159140	-0.671710	16.90	3.50	20.40
9	53.158240	-0.670650	16.68	3.50	20.18
10	53.158390	-0.670070	16.02	3.50	19.52
11	53.157840	-0.668790	15.77	3.50	19.27
12	53.159770	-0.664130	19.42	3.50	22.92
13	53.159920	-0.664410	18.34	3.50	21.84
14	53.160980	-0.661830	24.57	3.50	28.07
15	53.161160	-0.662010	24.26	3.50	27.76
16	53.161290	-0.661640	25.76	3.50	29.26
17	53.161160	-0.661450	26.00	3.50	29.50
18	53.162190	-0.659350	26.37	3.50	29.87
19	53.162080	-0.658850	26.32	3.50	29.82
20	53.162650	-0.657690	27.46	3.50	30.96
21	53.165690	-0.658340	22.77	3.50	26.27
22	53.165920	-0.658980	21.27	3.50	24.77
23	53.166210	-0.659430	20.99	3.50	24.49
24	53.165960	-0.661020	21.23	3.50	24.73
25	53.167980	-0.662370	18.26	3.50	21.76
26	53.167650	-0.663320	18.23	3.50	21.73
27	53.167500	-0.667240	23.91	3.50	27.41
28	53.164620	-0.668620	26.56	3.50	30.06
29	53.164820	-0.669520	27.49	3.50	30.99
30	53.163160	-0.671190	20.73	3.50	24.23
31	53.162730	-0.672050	18.84	3.50	22.34
32	53.162570	-0.673160	18.39	3.50	21.89
33	53.162750	-0.673700	17.85	3.50	21.35
34	53.162650	-0.674340	17.02	3.50	20.52

Name: PV array 4
Footprint area: 539,611 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.172585	-0.642585	14.81	3.50	18.31
2	53.173512	-0.648335	13.73	3.50	17.23
3	53.168740	-0.657433	17.19	3.50	20.69
4	53.168530	-0.657412	16.94	3.50	20.44
5	53.168310	-0.657830	18.09	3.50	21.59
6	53.168300	-0.658730	18.04	3.50	21.54
6	53.168300	-0.658730	18.04	3.50	21.54
6	53.168300	-0.658730	18.04	3.50	21.54
6	53.168300	-0.658730	18.04	3.50	21.54
6	53.168300	-0.658730	18.04	3.50	21.54
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
8	53.165850	-0.657640	21.97	3.50	25.47
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
10	53.162740	-0.657270	27.18	3.50	30.68
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
12	53.166200	-0.654060	18.29	3.50	21.79
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
15	53.167980	-0.655110	18.44	3.50	21.94
16	53.169113	-0.651554	16.06	3.50	19.56
17	53.169113	-0.651060	15.41	3.50	18.91
18	53.168032	-0.650867	15.63	3.50	19.13
19	53.167955	-0.651597	16.07	3.50	19.57
20	53.167337	-0.651232	15.83	3.50	19.33
21	53.166077	-0.651103	19.26	3.50	22.76
22	53.166115	-0.650481	18.68	3.50	22.18
23	53.165961	-0.650181	19.78	3.50	23.28
24	53.168251	-0.644537	17.16	3.50	20.66
25	53.168920	-0.644687	16.30	3.50	19.80
26	53.170129	-0.644408	16.57	3.50	20.07
27	53.171132	-0.643754	15.25	3.50	18.75
28	53.171151	-0.643400	15.23	3.50	18.73
29	53.172000	-0.642681	14.97	3.50	18.47

Name: PV array 5
Footprint area: 85,119 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.175987	-0.638261	17.17	3.50	20.67
2	53.175962	-0.637317	17.32	3.50	20.82
3	53.175704	-0.636180	15.99	3.50	19.49
4	53.172039	-0.635257	10.34	3.50	13.84
5	53.170855	-0.638197	11.33	3.50	14.83
6	53.174251	-0.638304	12.30	3.50	15.80

Name: PV array 6
Footprint area: 178,317 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.167678	-0.644140	17.52	3.50	21.02
2	53.165556	-0.649011	19.39	3.50	22.89
3	53.164810	-0.644784	20.41	3.50	23.91
4	53.165350	-0.641716	16.27	3.50	19.77
5	53.163562	-0.640986	20.48	3.50	23.98
6	53.161902	-0.640643	22.38	3.50	25.88
7	53.159226	-0.640385	15.78	3.50	19.28
8	53.159329	-0.638197	13.14	3.50	16.64
9	53.162726	-0.638883	20.72	3.50	24.22
10	53.164115	-0.639205	17.21	3.50	20.71
11	53.165183	-0.639763	14.44	3.50	17.94
12	53.165800	-0.640707	14.81	3.50	18.31
13	53.166366	-0.642209	16.10	3.50	19.60
14	53.166971	-0.643282	16.63	3.50	20.13

Name: PV array 7
Footprint area: 492,032 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.164655	-0.651071	23.57	3.50	27.07
2	53.164218	-0.652101	24.34	3.50	27.84
3	53.163588	-0.652015	24.43	3.50	27.93
4	53.163575	-0.652466	24.10	3.50	27.60
5	53.163883	-0.652809	24.86	3.50	28.36
6	53.162790	-0.655406	26.04	3.50	29.54
7	53.162404	-0.655148	26.50	3.50	30.00
8	53.162082	-0.655835	27.39	3.50	30.89
9	53.162263	-0.656543	27.11	3.50	30.61
10	53.161516	-0.658324	26.25	3.50	29.75
11	53.158776	-0.654054	22.55	3.50	26.05
12	53.156879	-0.652104	18.45	3.50	21.95
13	53.156840	-0.650806	17.85	3.50	21.35
14	53.156634	-0.650474	16.75	3.50	20.25
15	53.155412	-0.650935	12.99	3.50	16.49
16	53.155245	-0.650441	12.47	3.50	15.97
17	53.154428	-0.650484	11.62	3.50	15.12
18	53.152317	-0.650581	10.82	3.50	14.32
19	53.151545	-0.650656	11.68	3.50	15.18
20	53.151481	-0.651761	11.49	3.50	14.99
21	53.151159	-0.651729	12.56	3.50	16.06
22	53.151178	-0.650924	12.32	3.50	15.82
23	53.150863	-0.650624	12.97	3.50	16.47
24	53.149042	-0.650581	13.39	3.50	16.89
25	53.149113	-0.652083	14.82	3.50	18.32
26	53.147459	-0.652115	10.92	3.50	14.42
27	53.147762	-0.654604	14.65	3.50	18.15
28	53.146730	-0.654770	11.29	3.50	14.79
29	53.146710	-0.654450	10.79	3.50	14.29
30	53.146660	-0.653930	9.99	3.50	13.49
31	53.146560	-0.653210	9.32	3.50	12.82
32	53.146500	-0.652650	9.65	3.50	13.15
33	53.146620	-0.652540	9.69	3.50	13.19
34	53.146670	-0.652330	9.64	3.50	13.14
35	53.146500	-0.650990	8.94	3.50	12.44
36	53.146830	-0.651060	9.07	3.50	12.57
37	53.147220	-0.650840	9.43	-3.50	5.93
38	53.147530	-0.650195	9.95	3.50	13.45
39	53.148058	-0.647824	10.34	3.50	13.84
40	53.149293	-0.647502	11.75	3.50	15.25
41	53.149364	-0.647008	11.40	3.50	14.90
42	53.149004	-0.645163	9.84	3.50	13.34
43	53.149068	-0.644702	10.07	3.50	13.57
44	53.149589	-0.644659	10.09	3.50	13.59
45	53.150246	-0.645152	10.47	3.50	13.97
46	53.150709	-0.646118	10.77	3.50	14.27
47	53.150861	-0.646854	11.55	3.50	15.05
48	53.152186	-0.646683	10.55	3.50	14.05
49	53.152302	-0.648378	10.85	3.50	14.35
50	53.152559	-0.648356	11.03	3.50	14.53
51	53.152650	-0.647820	11.33	3.50	14.83
52	53.152843	-0.647562	10.51	3.50	14.01
53	53.152984	-0.648185	10.54	3.50	14.04
54	53.153396	-0.648850	10.72	3.50	14.22
55	53.153821	-0.649000	11.70	3.50	15.20
56	53.153821	-0.647176	11.57	3.50	15.07
57	53.157030	-0.647114	18.62	3.50	22.12
58	53.157911	-0.650923	21.21	3.50	24.71
59	53.159526	-0.650773	24.30	3.50	27.80
60	53.159841	-0.651545	25.93	3.50	29.43
61	53.160478	-0.652318	28.32	3.50	31.82
62	53.160542	-0.654142	27.00	3.50	30.50
63	53.161668	-0.654152	28.25	3.50	31.75
64	53.162003	-0.653691	27.32	3.50	30.82

65	53.161359	-0.652489	27.84	3.50	31.34
66	53.161314	-0.650848	28.23	3.50	31.73

Name: PV array 8
Footprint area: 15,661 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.149067	-0.644094	9.24	3.50	12.74
2	53.149505	-0.644029	9.82	3.50	13.32
3	53.149878	-0.644094	9.57	3.50	13.07
4	53.150888	-0.643353	9.27	3.50	12.77
5	53.150521	-0.642002	8.25	3.50	11.75
6	53.149871	-0.642806	8.50	3.50	12.00
7	53.149472	-0.642796	8.80	3.50	12.30
8	53.149215	-0.643192	8.74	3.50	12.24
9	53.149022	-0.644072	9.17	3.50	12.67

Name: PV array 9
Footprint area: 49,251 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.144976	-0.656696	12.95	3.50	16.45
2	53.143230	-0.656440	10.07	3.50	13.57
3	53.143170	-0.652900	8.94	3.50	12.44
4	53.143890	-0.652530	9.13	3.50	12.63
5	53.144200	-0.652530	9.20	3.50	12.70
6	53.144680	-0.653130	9.45	3.50	12.95
7	53.144910	-0.653050	9.39	3.50	12.89

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	53.169751	-0.643992	20.36	1.50	21.86
OP 2	53.166580	-0.641706	15.57	1.50	17.07
OP 3	53.165384	-0.639625	15.01	1.50	16.51
OP 4	53.163628	-0.638735	18.74	1.50	20.24
OP 5	53.161859	-0.638338	21.12	1.50	22.62
OP 6	53.160180	-0.637951	15.56	1.50	17.06
OP 7	53.158482	-0.637758	12.91	1.50	14.41
OP 8	53.156577	-0.638069	13.14	1.50	14.64
OP 9	53.154860	-0.638820	10.92	1.50	12.42
OP 10	53.153496	-0.639958	8.94	1.50	10.44
OP 11	53.153554	-0.642618	8.83	1.50	10.33
OP 12	53.151791	-0.643301	9.43	1.50	10.93
OP 13	53.150408	-0.644278	9.92	1.50	11.42
OP 14	53.148394	-0.644567	10.39	1.50	11.89
OP 15	53.146676	-0.644664	9.89	1.50	11.39
OP 16	53.144784	-0.644804	12.66	1.50	14.16
OP 17	53.142931	-0.645404	11.58	1.50	13.08
OP 18	53.142680	-0.648087	9.39	1.50	10.89
OP 19	53.142879	-0.651058	9.71	1.50	11.21
OP 20	53.142956	-0.654052	9.46	1.50	10.96
OP 21	53.143021	-0.657002	9.49	1.50	10.99
OP 22	53.143046	-0.659985	11.20	1.50	12.70
OP 23	53.143008	-0.662764	13.88	1.50	15.38
OP 24	53.142885	-0.665907	15.03	1.50	16.53
OP 25	53.143304	-0.668171	14.36	1.50	15.86
OP 26	53.144919	-0.668632	16.01	1.50	17.51
OP 27	53.146952	-0.669169	15.58	1.50	17.08
OP 28	53.148574	-0.669271	16.64	1.50	18.14
OP 29	53.142486	-0.670848	17.33	1.50	18.83
OP 30	53.142052	-0.673900	17.12	1.50	18.62
OP 31	53.141666	-0.676727	17.77	1.50	19.27
OP 32	53.169989	-0.642336	16.40	1.50	17.90
OP 33	53.159228	-0.636757	12.56	1.50	14.06
OP 34	53.158096	-0.634139	11.40	1.50	12.90
OP 35	53.156854	-0.632144	9.91	1.50	11.41
OP 36	53.156353	-0.630459	9.39	1.50	10.89
OP 37	53.155413	-0.628710	10.99	1.50	12.49
OP 38	53.153818	-0.627444	9.20	1.50	10.70
OP 39	53.152177	-0.626071	13.25	1.50	14.75
OP 40	53.155857	-0.636263	10.83	1.50	12.33
OP 41	53.156115	-0.633238	10.59	1.50	12.09
OP 42	53.156867	-0.627637	8.80	1.50	10.30
OP 43	53.157639	-0.625127	8.39	1.50	9.89
OP 44	53.159241	-0.624966	8.86	1.50	10.36
OP 45	53.161163	-0.624950	8.80	1.50	10.30
OP 46	53.162826	-0.624792	14.22	1.50	15.72
OP 47	53.141414	-0.645863	10.65	1.50	12.15
OP 48	53.139483	-0.645939	11.30	1.50	12.80
OP 49	53.137784	-0.645037	9.99	1.50	11.49
OP 50	53.135930	-0.645670	9.54	1.50	11.04
OP 51	53.134398	-0.646561	10.40	1.50	11.90
OP 52	53.134019	-0.643482	9.28	1.50	10.78
OP 53	53.133813	-0.640681	12.43	1.50	13.93
OP 54	53.133639	-0.637377	14.00	1.50	15.50
OP 55	53.132350	-0.638140	14.49	1.50	15.99
OP 56	53.153516	-0.617412	11.88	1.50	13.38
OP 57	53.153561	-0.620266	12.01	1.50	13.51
OP 58	53.152828	-0.622315	12.74	1.50	14.24
OP 59	53.153014	-0.619590	12.15	1.50	13.65
OP 60	53.152493	-0.622616	12.28	1.50	13.78
OP 61	53.151844	-0.625105	12.95	1.50	14.45
OP 62	53.151155	-0.627873	12.61	1.50	14.11
OP 63	53.150106	-0.630158	14.38	1.50	15.88

OP 64	53.148607	-0.632089	13.51	1.50	15.01
OP 65	53.147166	-0.632325	12.09	1.50	13.59
OP 66	53.145840	-0.631617	12.50	1.50	14.00
OP 67	53.144193	-0.633001	11.99	1.50	13.49
OP 68	53.142616	-0.633130	12.20	1.50	13.70
OP 69	53.140808	-0.633291	11.00	1.50	12.50
OP 70	53.138928	-0.633312	13.22	1.50	14.72
OP 71	53.137477	-0.632491	13.97	1.50	15.47
OP 72	53.135873	-0.633133	14.25	1.50	15.75
OP 73	53.134167	-0.633839	13.99	1.50	15.49

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
PV array 1	45.0	180.0	84,695	1,019	-	-
PV array 10	45.0	180.0	43,807	6,503	-	-
PV array 11	45.0	180.0	62,719	22,845	-	-
PV array 12	45.0	180.0	4,239	0	-	-
PV array 13	45.0	180.0	3,125	78	-	-
PV array 14	45.0	180.0	9,552	4,077	-	-
PV array 15	45.0	180.0	339	0	-	-
PV array 2	45.0	180.0	26,825	561	-	-
PV array 3	45.0	180.0	92,367	4,734	-	-
PV array 4	45.0	180.0	57,983	8,546	-	-
PV array 5	45.0	180.0	8,616	0	-	-
PV array 6	45.0	180.0	41,677	25,587	-	-
PV array 7	45.0	180.0	120,020	4,880	-	-
PV array 8	45.0	180.0	20,366	2,378	-	-
PV array 9	45.0	180.0	32,099	11,481	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
pv-array-1 (green)	0	0	98	685	733	739	745	724	281	0	0	0
pv-array-1 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-10 (green)	0	0	627	1483	2218	2771	2465	1736	977	1	0	0
pv-array-10 (yellow)	0	0	282	902	661	247	543	871	549	0	0	0
pv-array-11 (green)	0	0	53	615	936	1048	993	757	184	0	0	0
pv-array-11 (yellow)	0	0	4	258	415	385	411	359	16	0	0	0
pv-array-12 (green)	0	0	235	400	0	0	0	237	390	0	0	0
pv-array-12 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-13 (green)	0	0	241	546	0	0	0	316	465	0	0	0
pv-array-13 (yellow)	0	0	2	23	0	0	0	3	25	0	0	0
pv-array-14 (green)	0	0	222	573	882	1239	1062	574	429	0	0	0
pv-array-14 (yellow)	0	0	5	133	99	121	122	111	25	0	0	0
pv-array-15 (green)	0	0	150	20	0	0	0	0	169	0	0	0
pv-array-15 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-2 (green)	0	0	260	562	823	847	842	635	419	0	0	0
pv-array-2 (yellow)	0	0	0	102	0	0	0	71	31	0	0	0
pv-array-3 (green)	0	0	72	612	696	698	706	669	234	0	0	0
pv-array-3 (yellow)	0	0	0	0	0	0	0	2	0	0	0	0
pv-array-4 (green)	0	0	37	637	810	845	837	750	175	0	0	0
pv-array-4 (yellow)	0	0	2	26	5	0	3	19	7	0	0	0
pv-array-5 (green)	0	0	0	424	1102	1091	1116	757	0	0	0	0
pv-array-5 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-6 (green)	0	0	49	642	995	1658	1215	747	196	0	0	0
pv-array-6 (yellow)	0	0	0	259	723	873	838	414	3	0	0	0
pv-array-7 (green)	0	0	395	1628	2309	2430	2388	1878	800	0	0	0
pv-array-7 (yellow)	0	0	1	80	48	0	23	120	17	0	0	0
pv-array-8 (green)	0	0	303	1149	1472	1591	1561	1230	606	0	0	0
pv-array-8 (yellow)	0	0	10	118	108	0	59	169	18	0	0	0
pv-array-9 (green)	0	0	310	1538	1595	1978	1728	1560	741	0	0	0
pv-array-9 (yellow)	0	0	0	181	1003	953	1035	473	0	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

PV array 1 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	864	0
OP: OP 2	1433	226
OP: OP 3	1538	391
OP: OP 4	2113	370
OP: OP 5	3591	32
OP: OP 6	3632	0
OP: OP 7	3245	0
OP: OP 8	2722	0
OP: OP 9	2241	0
OP: OP 10	1707	0
OP: OP 11	1435	0
OP: OP 12	440	0
OP: OP 13	0	0

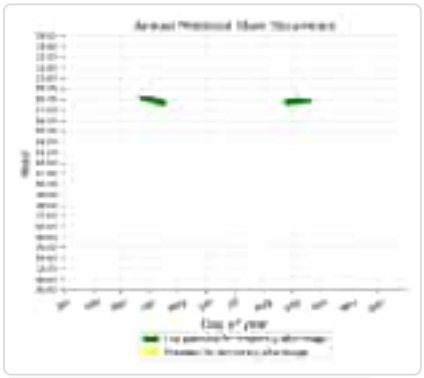
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	787	0
OP: OP 33	3495	0
OP: OP 34	3288	0
OP: OP 35	3052	0
OP: OP 36	3004	0
OP: OP 37	2816	0
OP: OP 38	2567	0
OP: OP 39	2209	0
OP: OP 40	2649	0
OP: OP 41	2837	0
OP: OP 42	3213	0
OP: OP 43	3374	0
OP: OP 44	2710	0
OP: OP 45	2252	0
OP: OP 46	1777	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	2756	0
OP: OP 57	2739	0
OP: OP 58	2514	0
OP: OP 59	2652	0
OP: OP 60	2425	0
OP: OP 61	2204	0
OP: OP 62	1935	0
OP: OP 63	1489	0
OP: OP 64	718	0
OP: OP 65	254	0
OP: OP 66	18	0
OP: OP 67	0	0

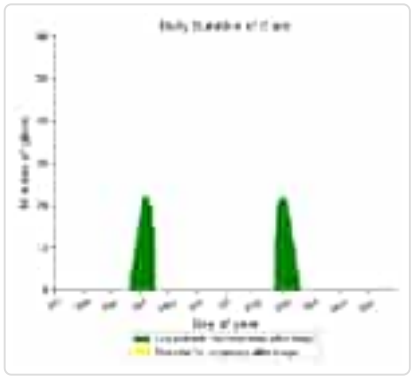
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0

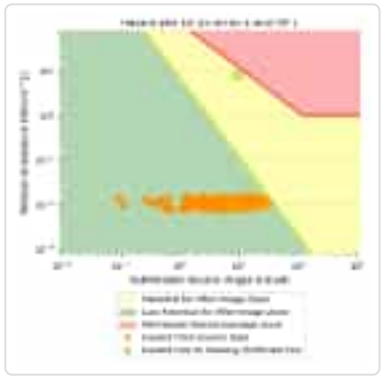
PV array 1: OP 1

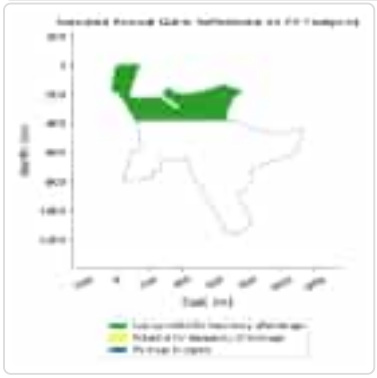
PV array is expected to produce the following glare for this receptor:

- 864 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





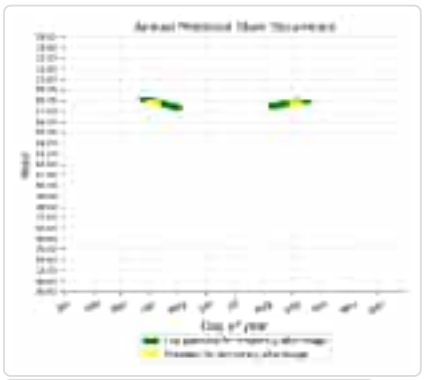


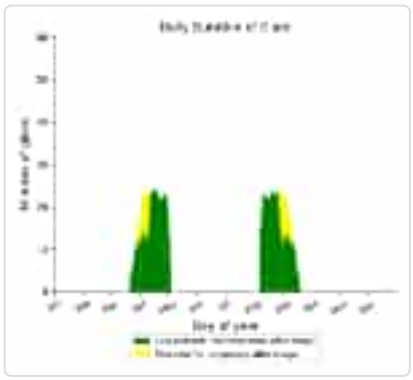


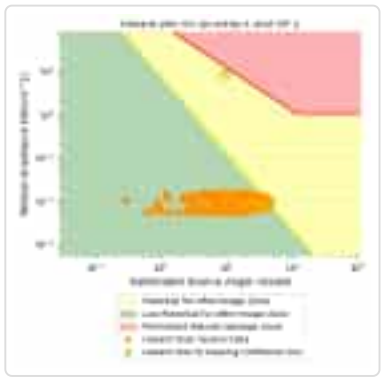
PV array 1: OP 2

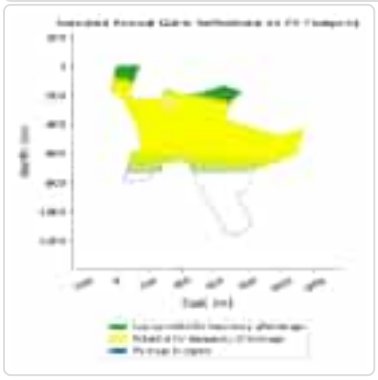
PV array is expected to produce the following glare for this receptor:

- 1,433 minutes of "green" glare with low potential to cause temporary after-image.
- 226 minutes of "yellow" glare with potential to cause temporary after-image.





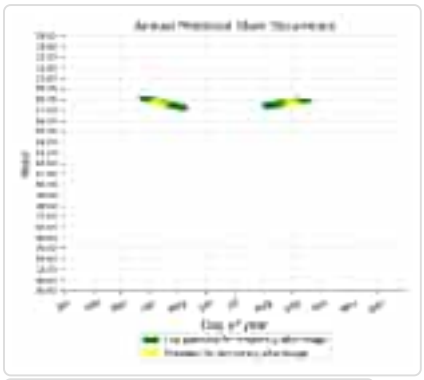


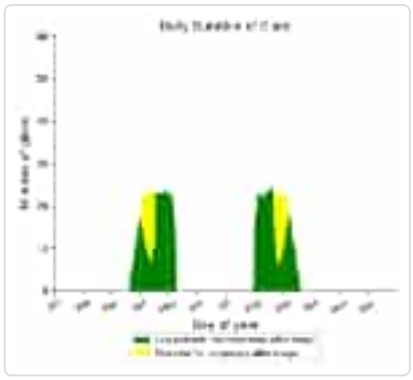


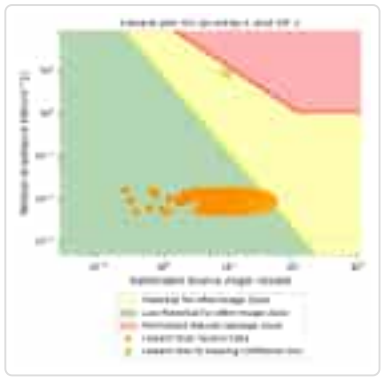
PV array 1: OP 3

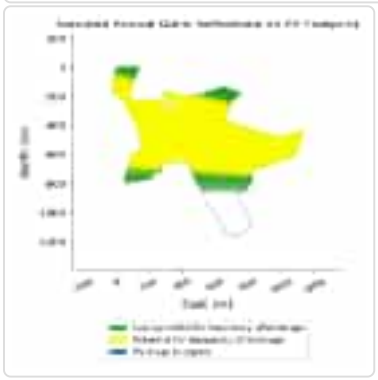
PV array is expected to produce the following glare for this receptor:

- 1,538 minutes of "green" glare with low potential to cause temporary after-image.
- 391 minutes of "yellow" glare with potential to cause temporary after-image.





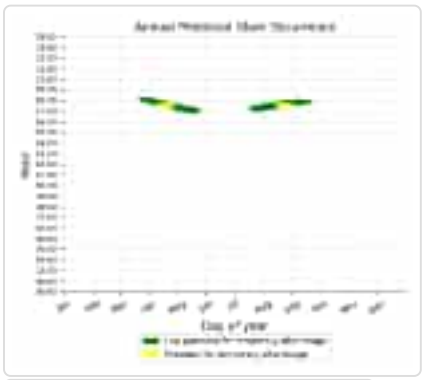


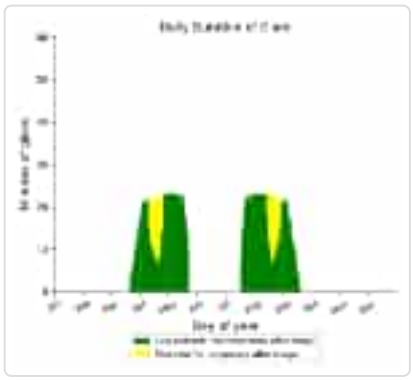


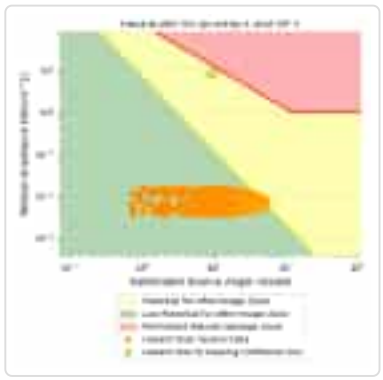
PV array 1: OP 4

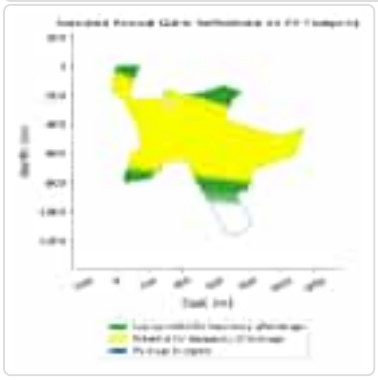
PV array is expected to produce the following glare for this receptor:

- 2,113 minutes of "green" glare with low potential to cause temporary after-image.
- 370 minutes of "yellow" glare with potential to cause temporary after-image.





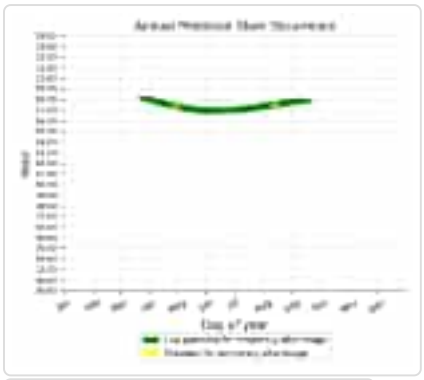


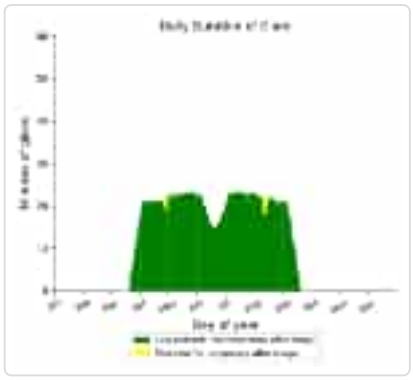


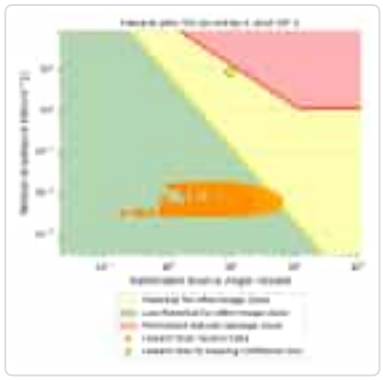
PV array 1: OP 5

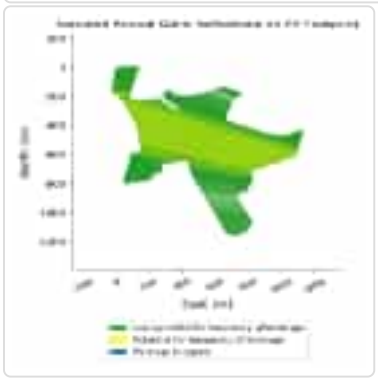
PV array is expected to produce the following glare for this receptor:

- 3,591 minutes of "green" glare with low potential to cause temporary after-image.
- 32 minutes of "yellow" glare with potential to cause temporary after-image.





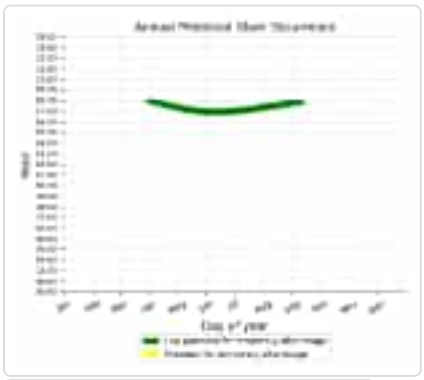


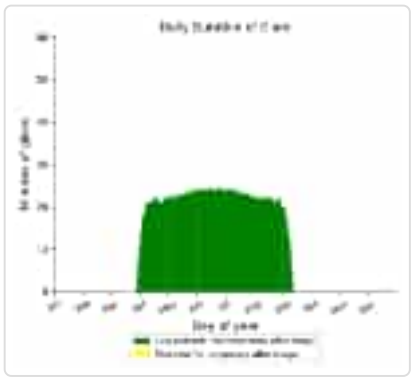


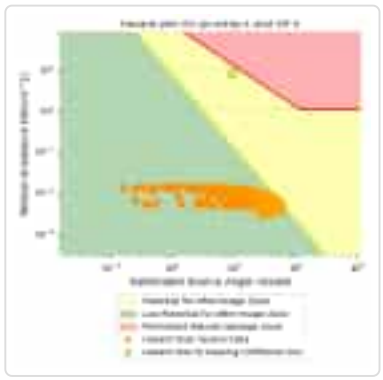
PV array 1: OP 6

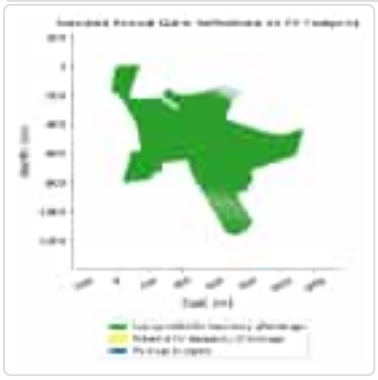
PV array is expected to produce the following glare for this receptor:

- 3,632 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





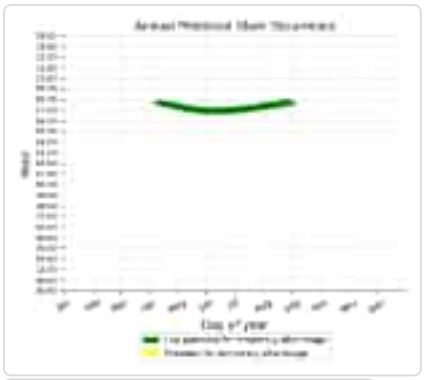


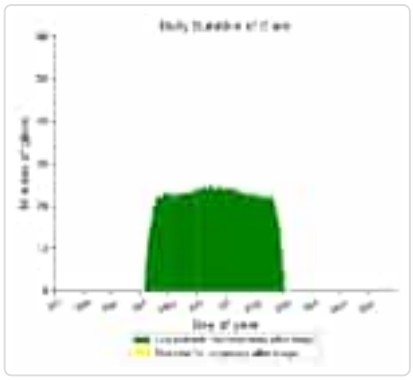


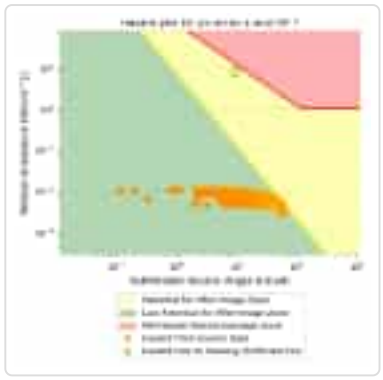
PV array 1: OP 7

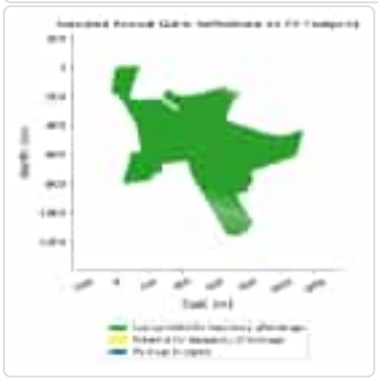
PV array is expected to produce the following glare for this receptor:

- 3,245 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





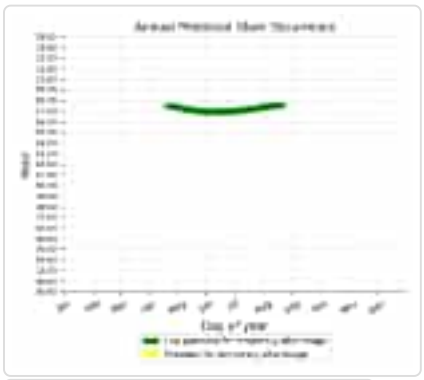


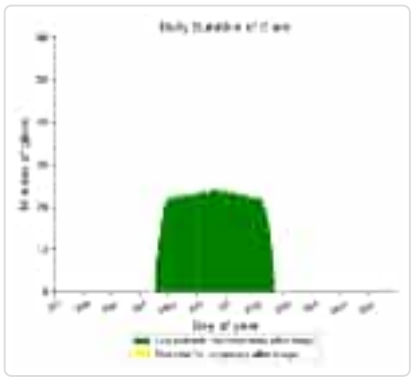


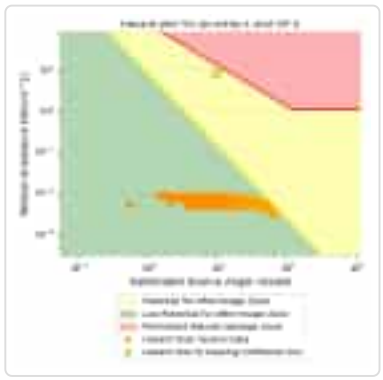
PV array 1: OP 8

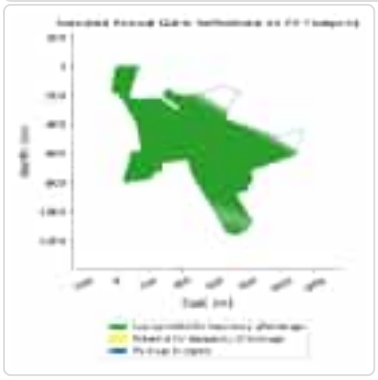
PV array is expected to produce the following glare for this receptor:

- 2,722 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





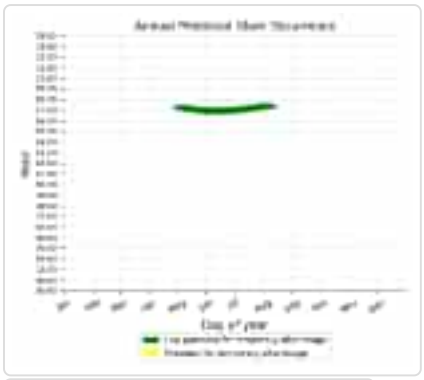


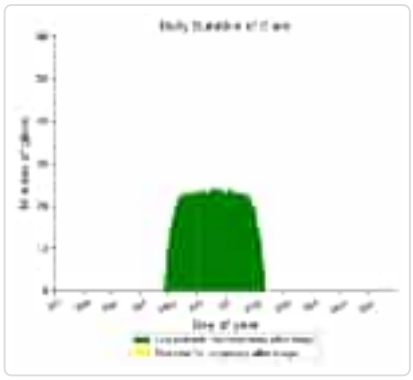


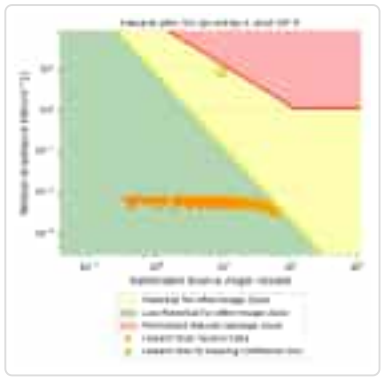
PV array 1: OP 9

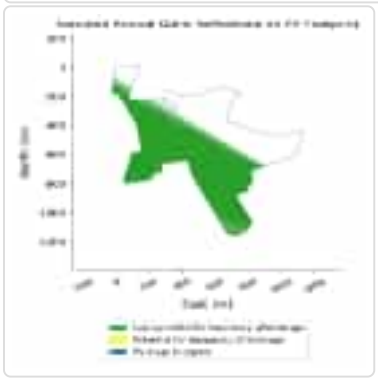
PV array is expected to produce the following glare for this receptor:

- 2,241 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





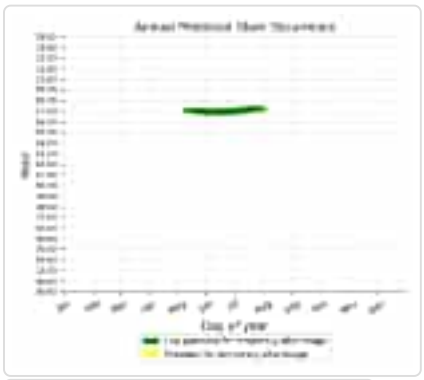


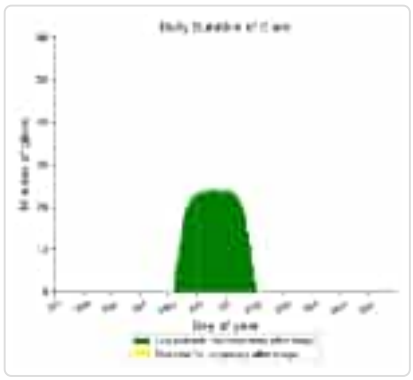


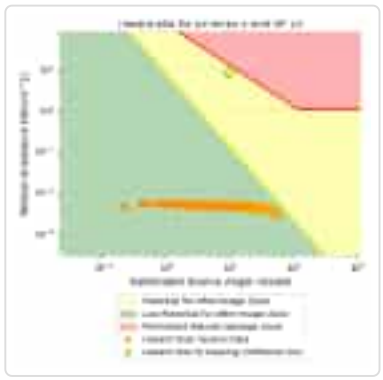
PV array 1: OP 10

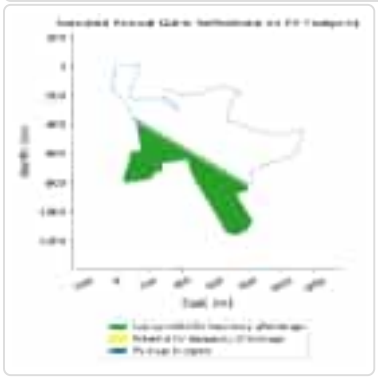
PV array is expected to produce the following glare for this receptor:

- 1,707 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





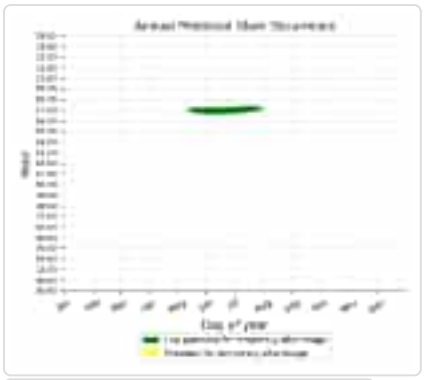


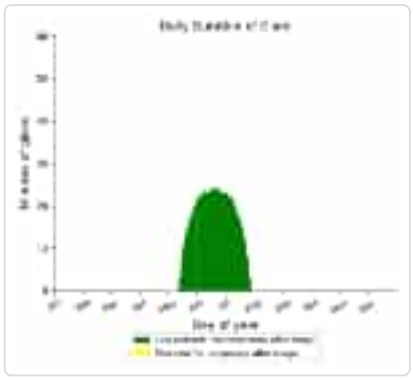


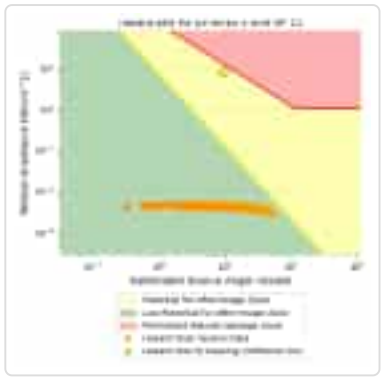
PV array 1: OP 11

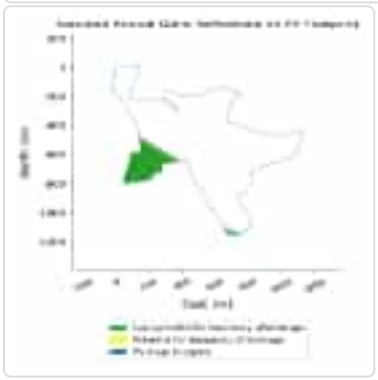
PV array is expected to produce the following glare for this receptor:

- 1,435 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





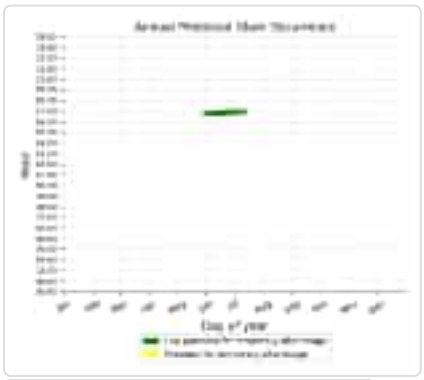


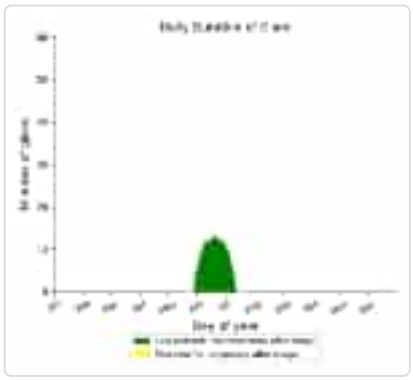


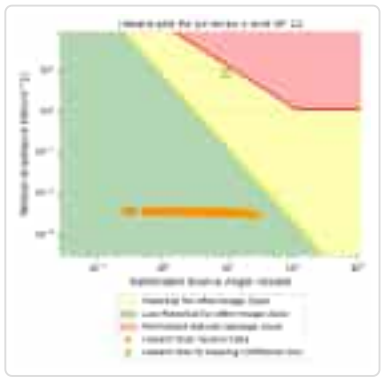
PV array 1: OP 12

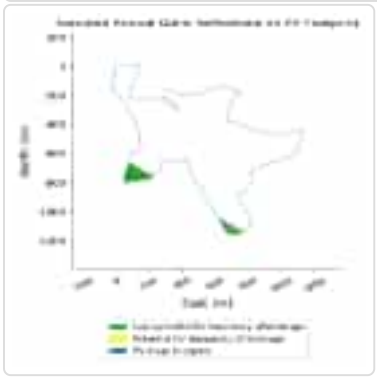
PV array is expected to produce the following glare for this receptor:

- 440 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 13

No glare found

PV array 1: OP 14

No glare found

PV array 1: OP 15

No glare found

PV array 1: OP 16

No glare found

PV array 1: OP 17

No glare found

PV array 1: OP 18

No glare found

PV array 1: OP 19

No glare found

PV array 1: OP 20

No glare found

PV array 1: OP 21

No glare found

PV array 1: OP 22

No glare found

PV array 1: OP 23

No glare found

PV array 1: OP 24

No glare found

PV array 1: OP 25

No glare found

PV array 1: OP 26

No glare found

PV array 1: OP 27

No glare found

PV array 1: OP 28

No glare found

PV array 1: OP 29

No glare found

PV array 1: OP 30

No glare found

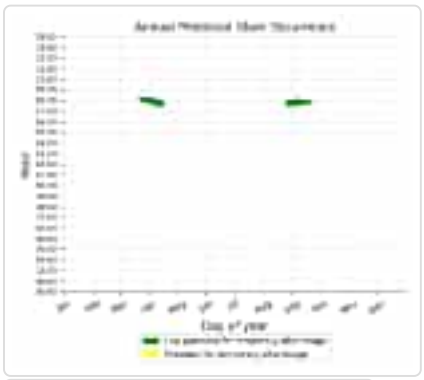
PV array 1: OP 31

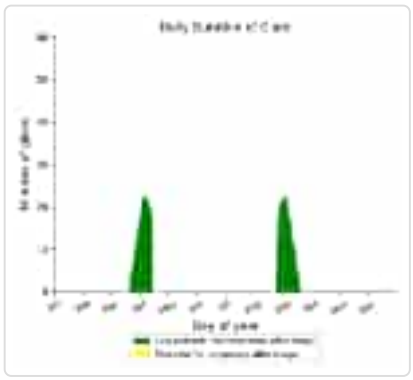
No glare found

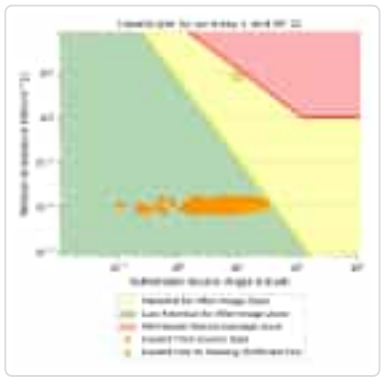
PV array 1: OP 32

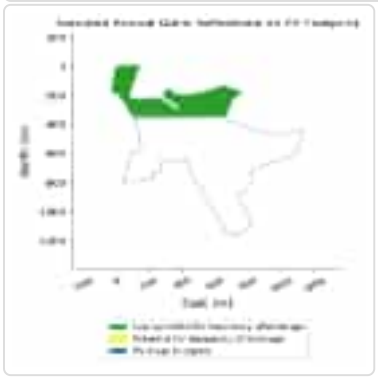
PV array is expected to produce the following glare for this receptor:

- 787 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





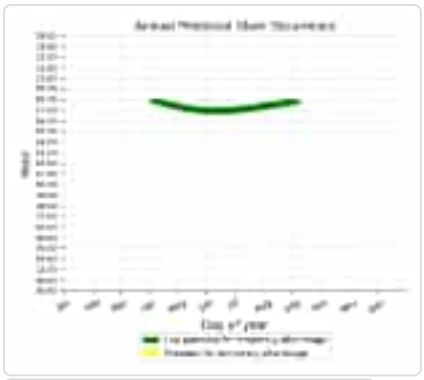


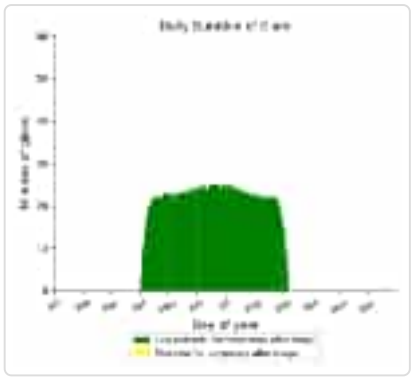


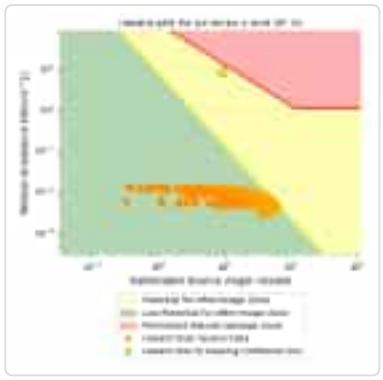
PV array 1: OP 33

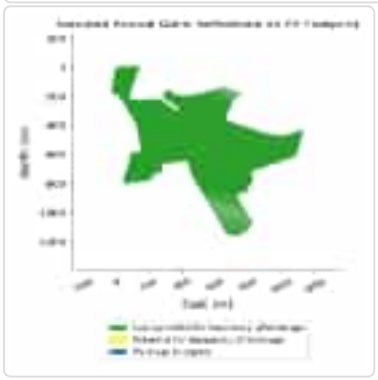
PV array is expected to produce the following glare for this receptor:

- 3,495 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





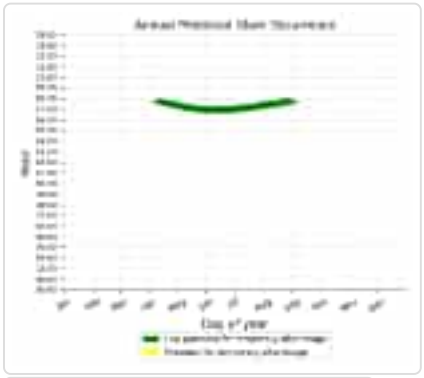


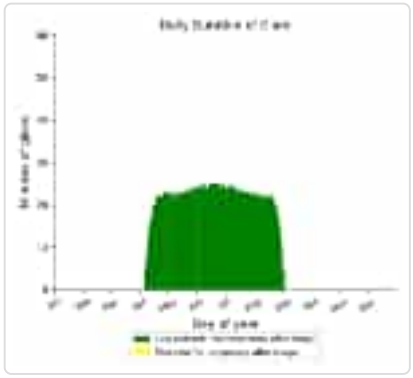


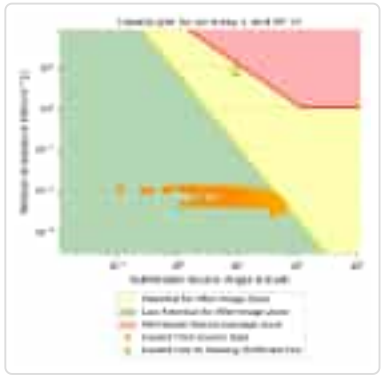
PV array 1: OP 34

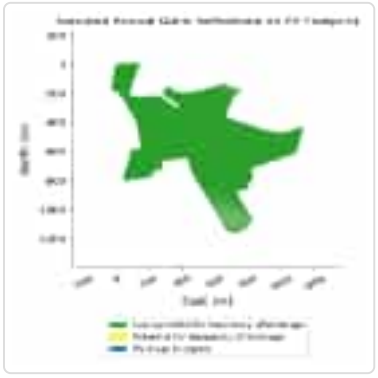
PV array is expected to produce the following glare for this receptor:

- 3,288 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





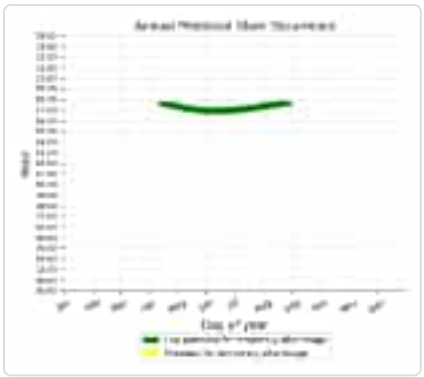


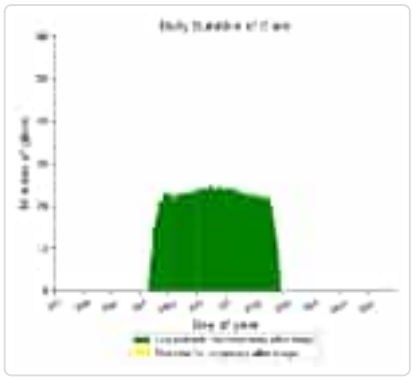


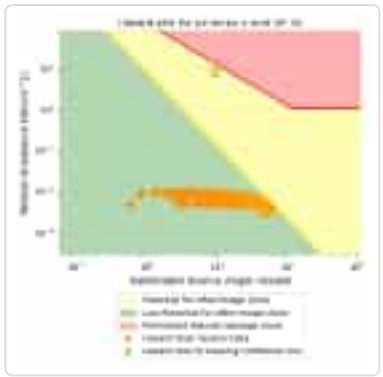
PV array 1: OP 35

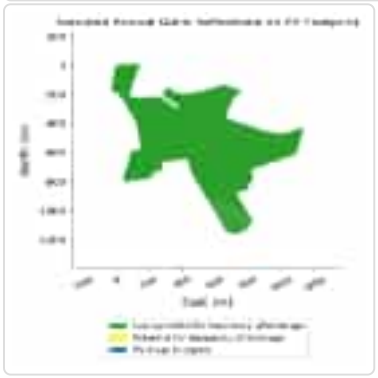
PV array is expected to produce the following glare for this receptor:

- 3,052 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





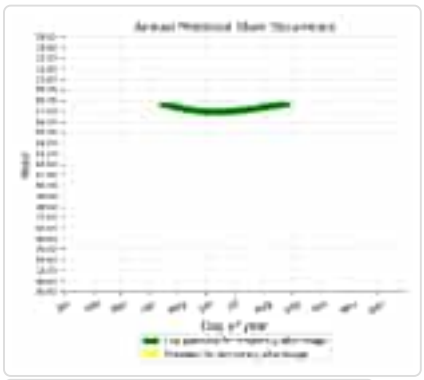


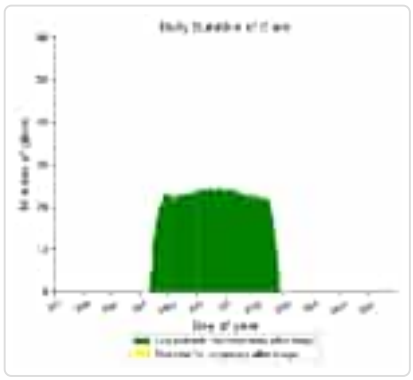


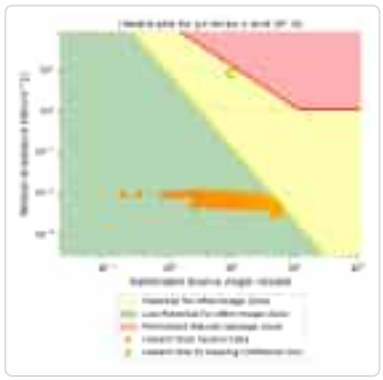
PV array 1: OP 36

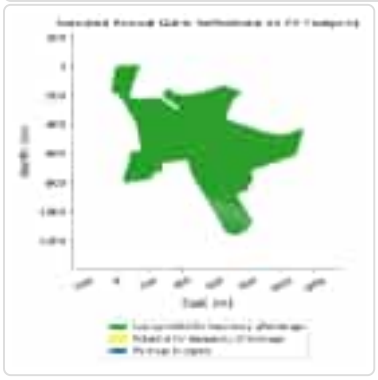
PV array is expected to produce the following glare for this receptor:

- 3,004 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





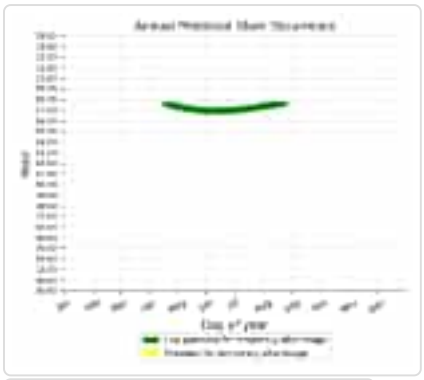


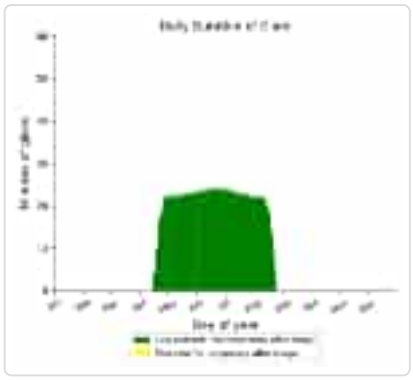


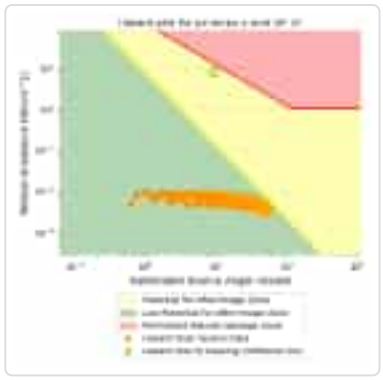
PV array 1: OP 37

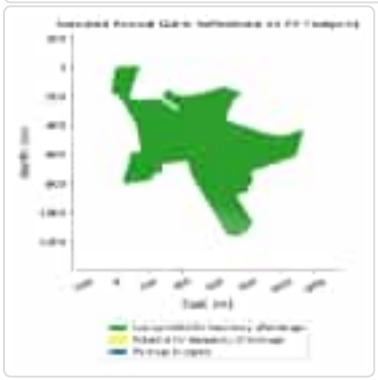
PV array is expected to produce the following glare for this receptor:

- 2,816 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





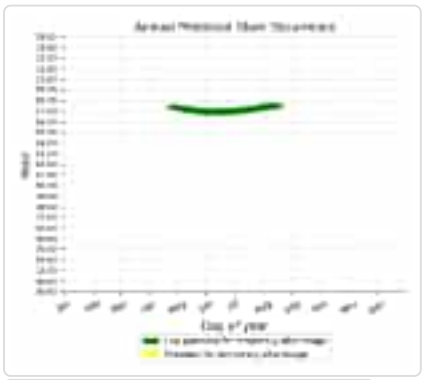


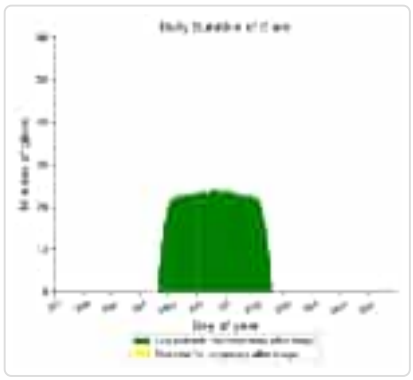


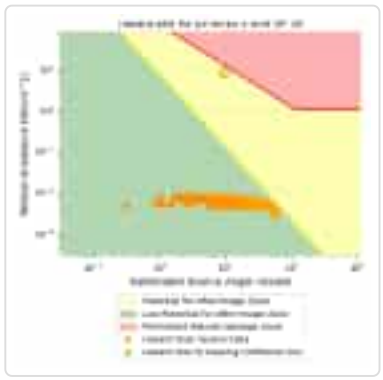
PV array 1: OP 38

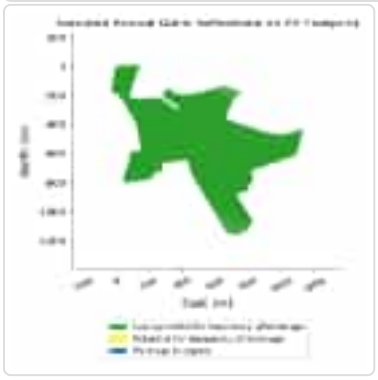
PV array is expected to produce the following glare for this receptor:

- 2,567 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





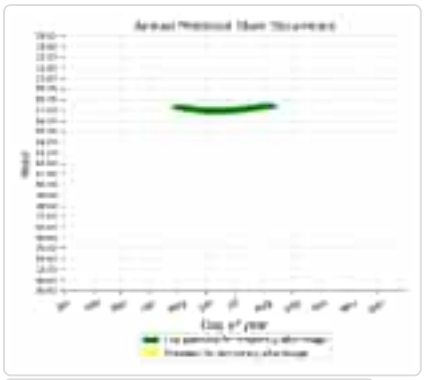


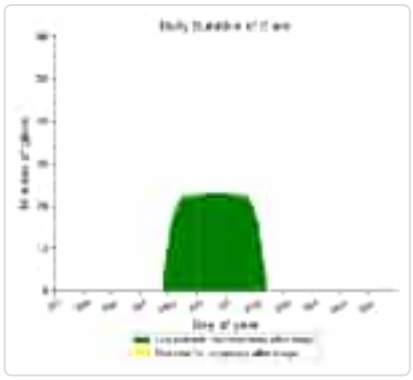


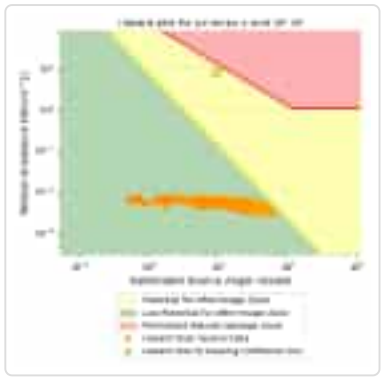
PV array 1: OP 39

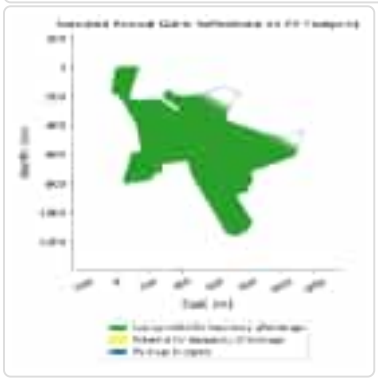
PV array is expected to produce the following glare for this receptor:

- 2,209 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





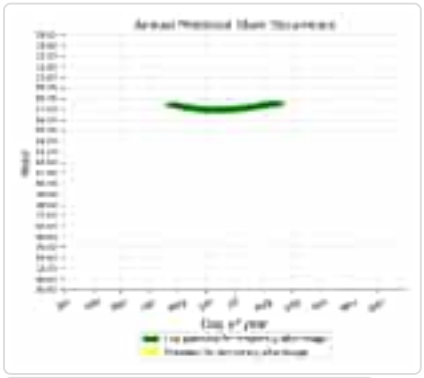


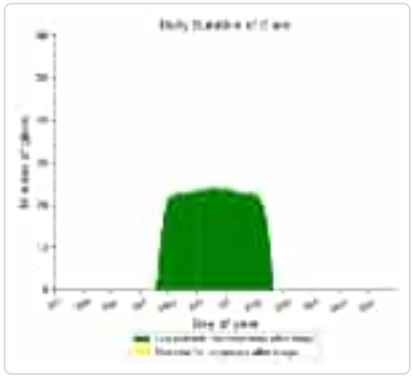


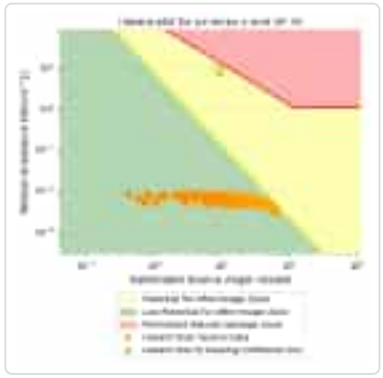
PV array 1: OP 40

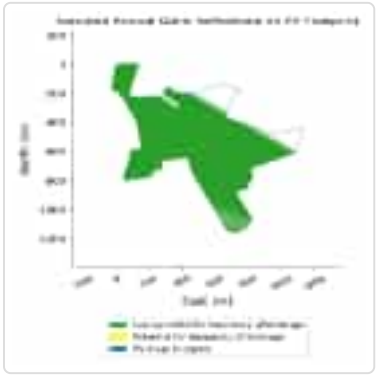
PV array is expected to produce the following glare for this receptor:

- 2,649 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





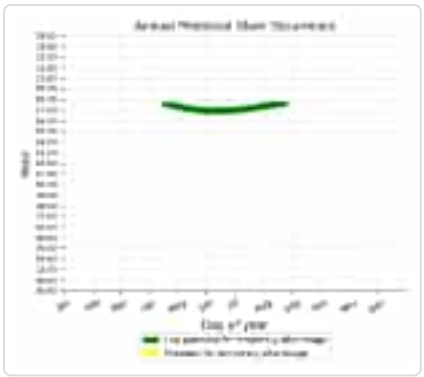


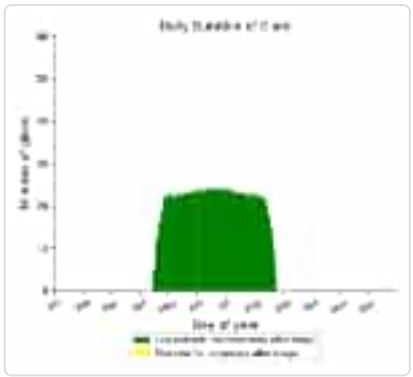


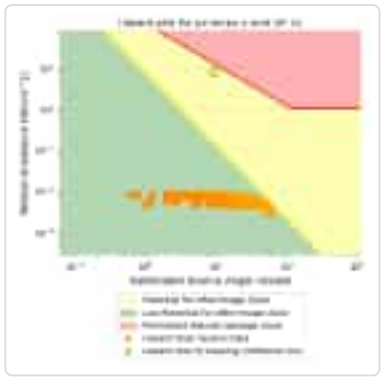
PV array 1: OP 41

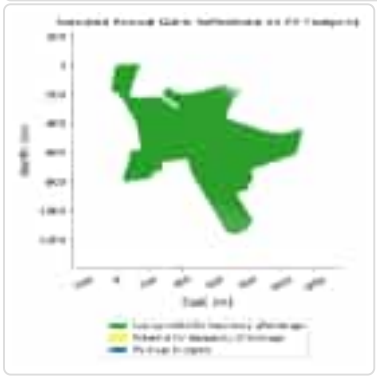
PV array is expected to produce the following glare for this receptor:

- 2,837 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





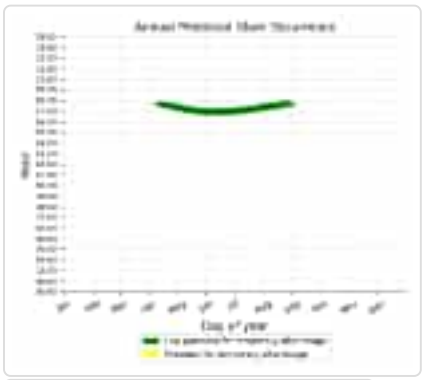


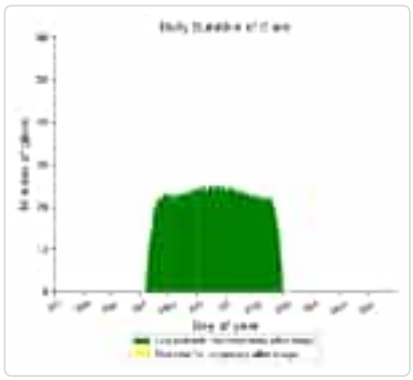


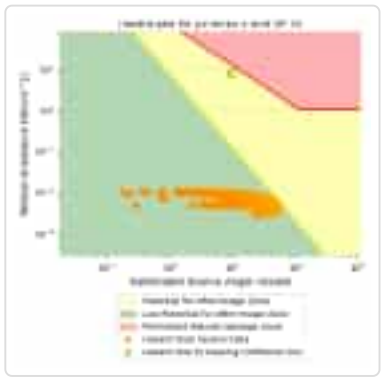
PV array 1: OP 42

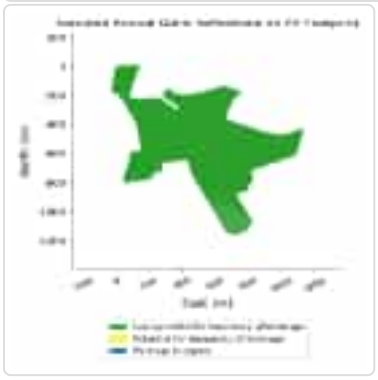
PV array is expected to produce the following glare for this receptor:

- 3,213 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





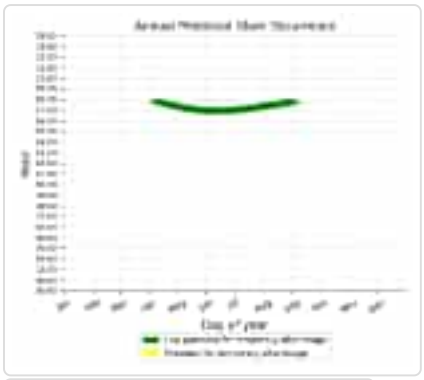


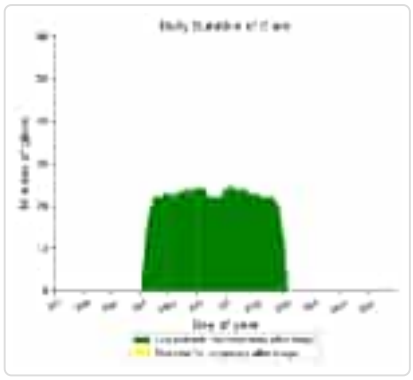


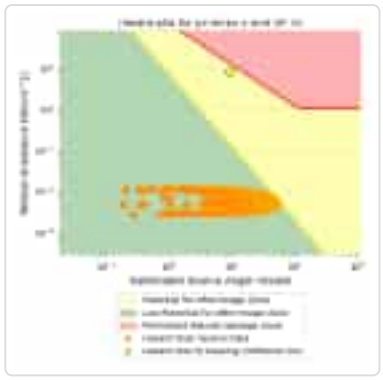
PV array 1: OP 43

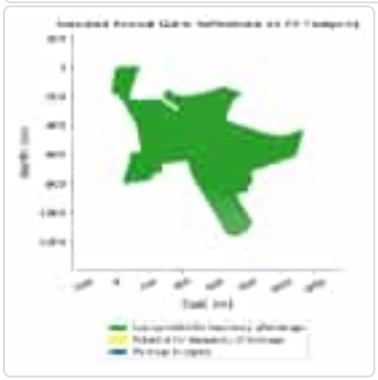
PV array is expected to produce the following glare for this receptor:

- 3,374 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





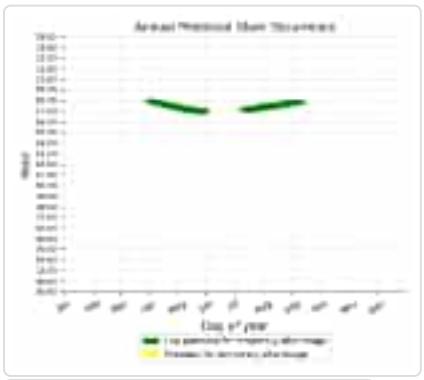


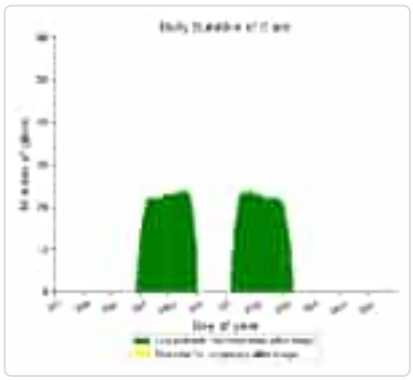


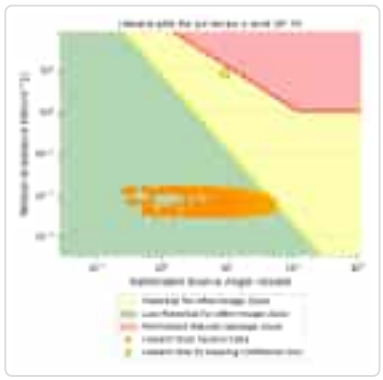
PV array 1: OP 44

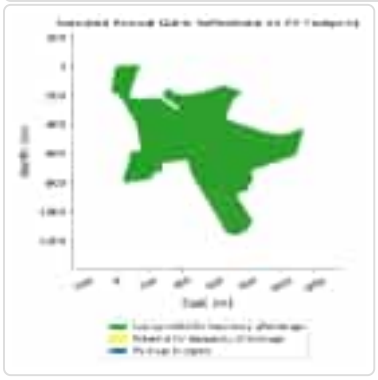
PV array is expected to produce the following glare for this receptor:

- 2,710 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





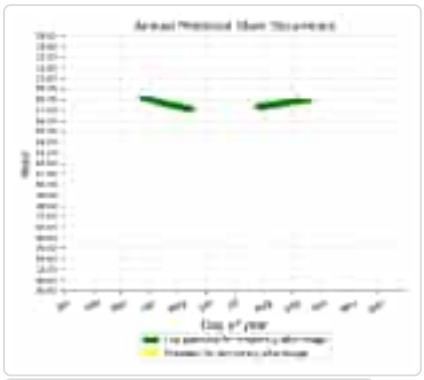


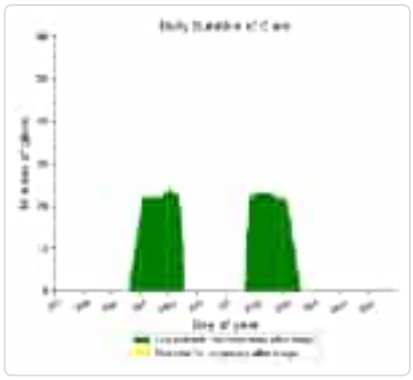


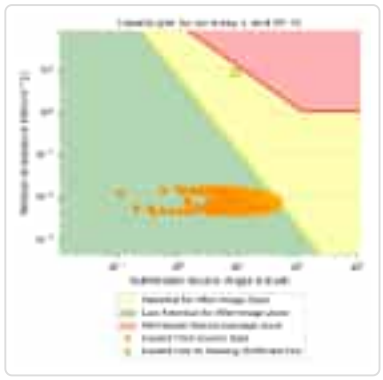
PV array 1: OP 45

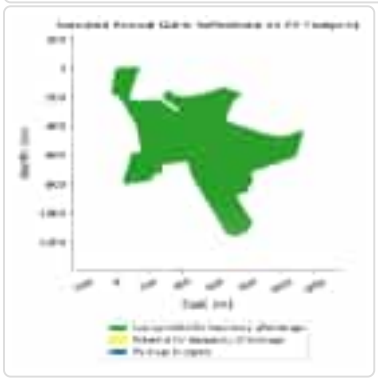
PV array is expected to produce the following glare for this receptor:

- 2,252 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





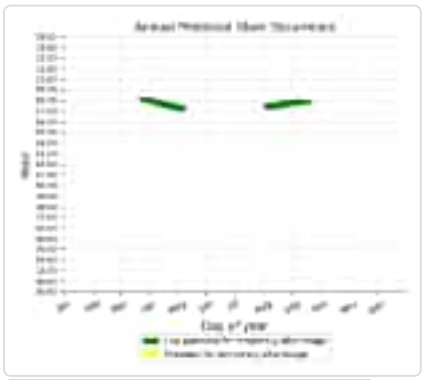


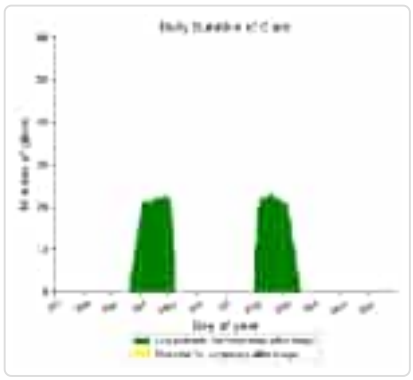


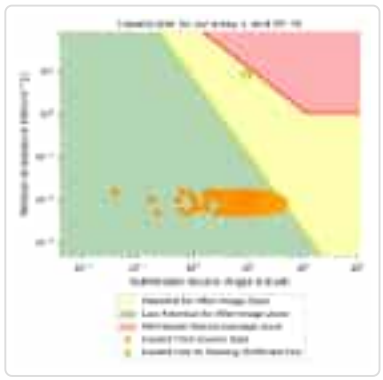
PV array 1: OP 46

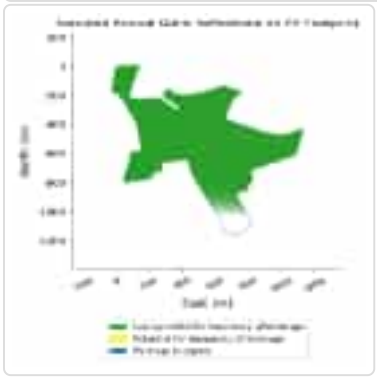
PV array is expected to produce the following glare for this receptor:

- 1,777 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 47

No glare found

PV array 1: OP 48

No glare found

PV array 1: OP 49

No glare found

PV array 1: OP 50

No glare found

PV array 1: OP 51

No glare found

PV array 1: OP 52

No glare found

PV array 1: OP 53

No glare found

PV array 1: OP 54

No glare found

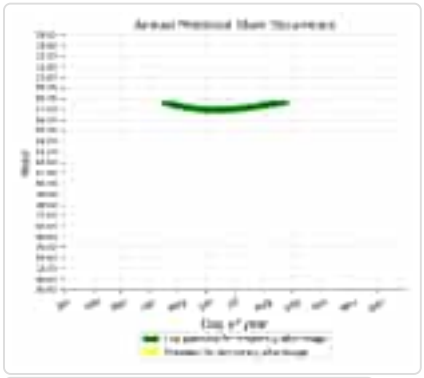
PV array 1: OP 55

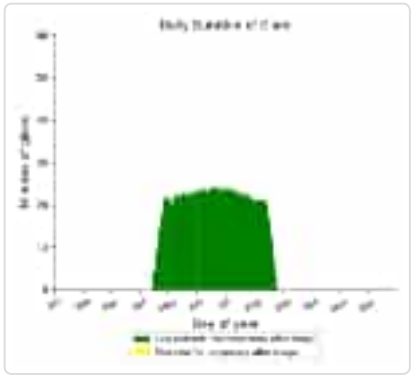
No glare found

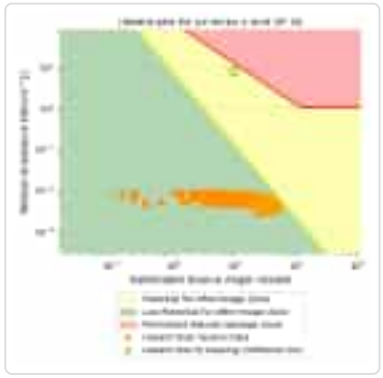
PV array 1: OP 56

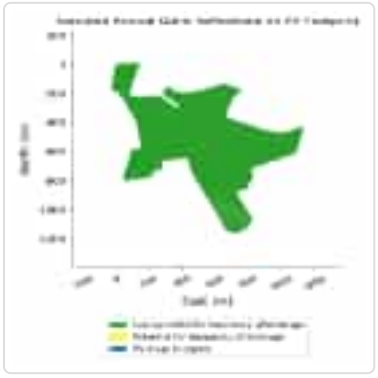
PV array is expected to produce the following glare for this receptor:

- 2,756 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





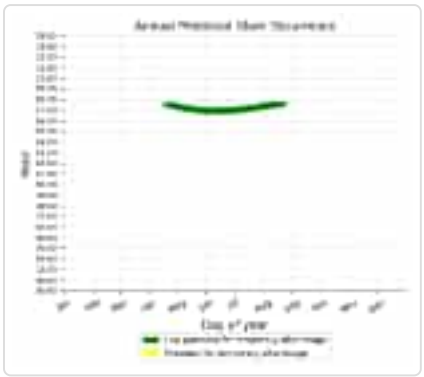


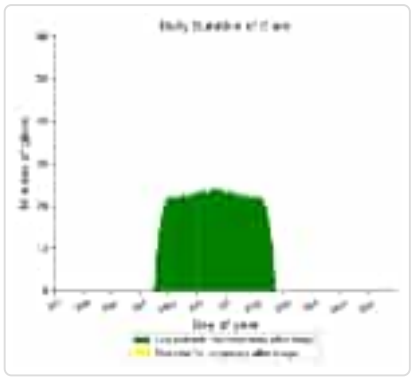


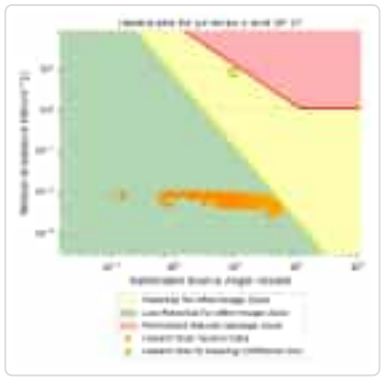
PV array 1: OP 57

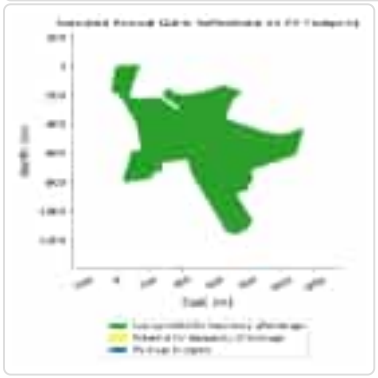
PV array is expected to produce the following glare for this receptor:

- 2,739 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





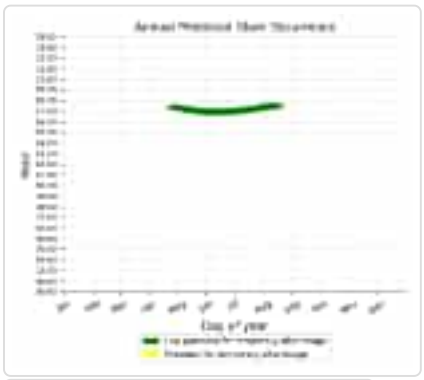


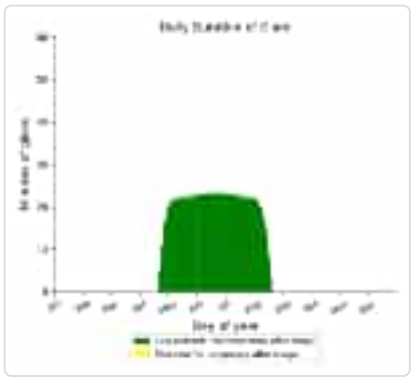


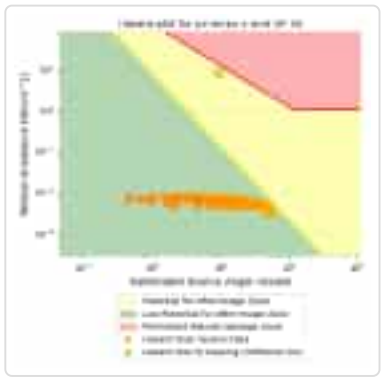
PV array 1: OP 58

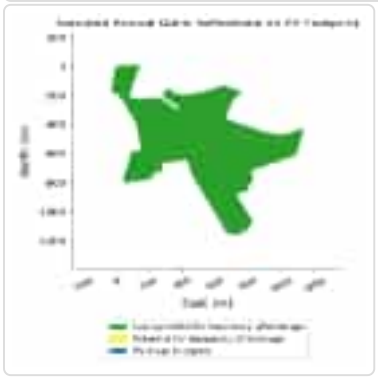
PV array is expected to produce the following glare for this receptor:

- 2,514 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





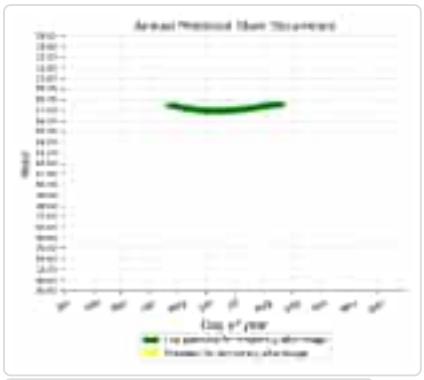


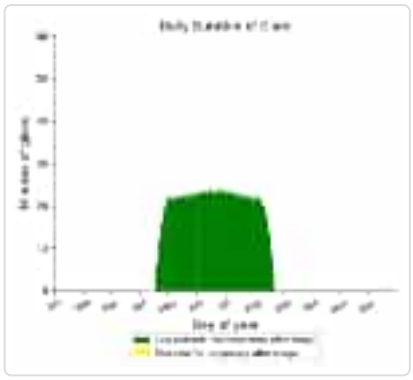


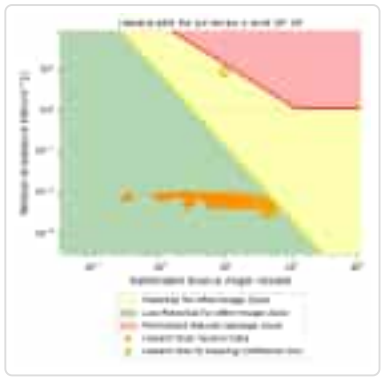
PV array 1: OP 59

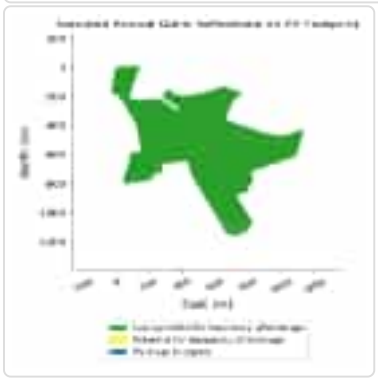
PV array is expected to produce the following glare for this receptor:

- 2,652 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





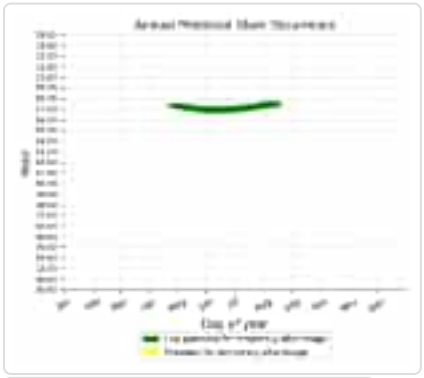


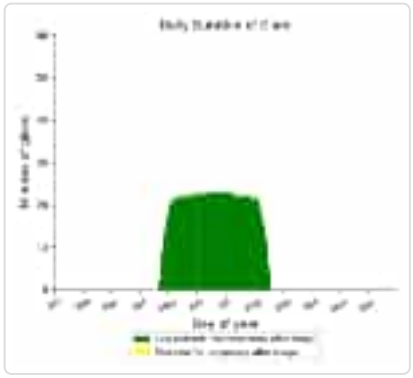


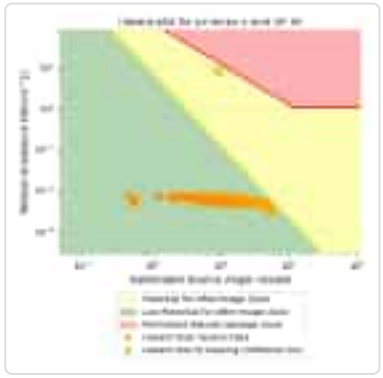
PV array 1: OP 60

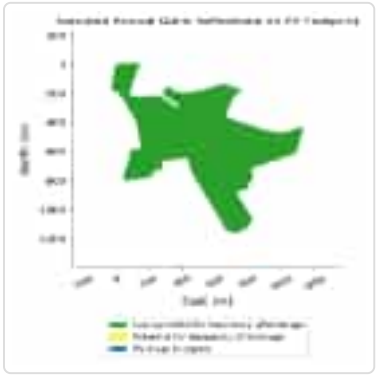
PV array is expected to produce the following glare for this receptor:

- 2,425 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





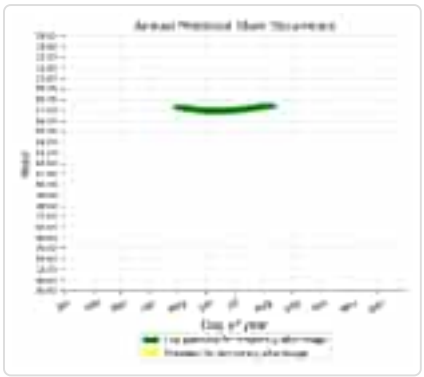


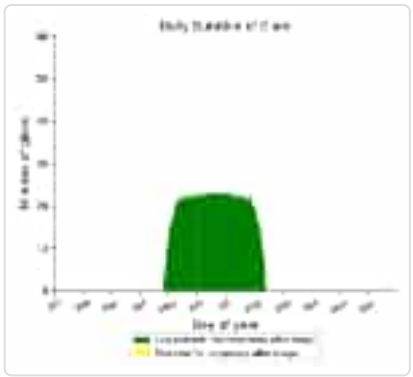


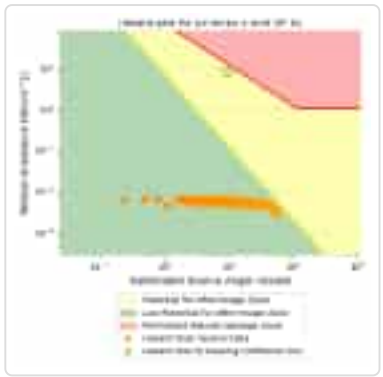
PV array 1: OP 61

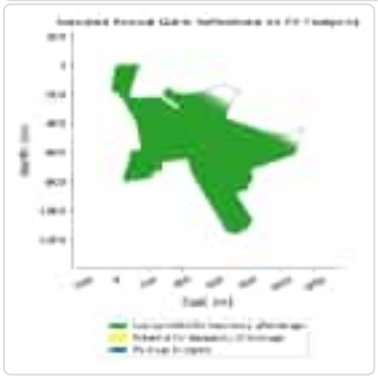
PV array is expected to produce the following glare for this receptor:

- 2,204 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





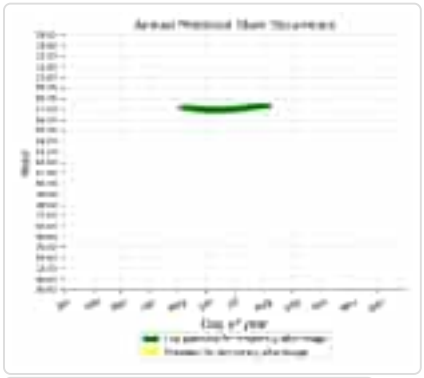


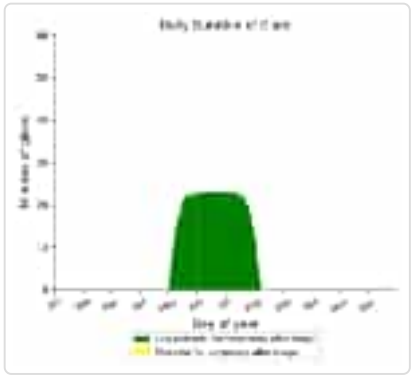


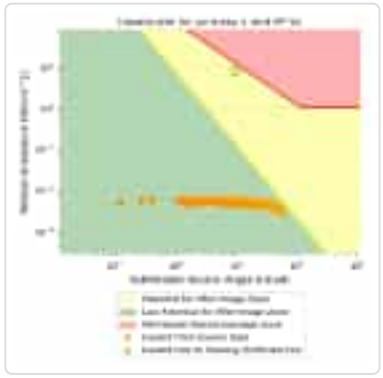
PV array 1: OP 62

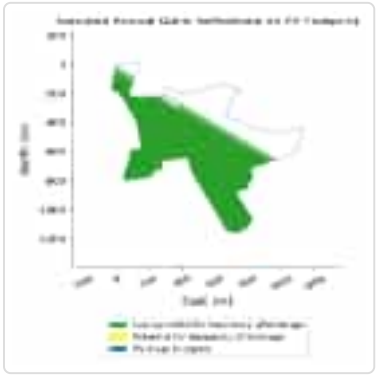
PV array is expected to produce the following glare for this receptor:

- 1,935 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





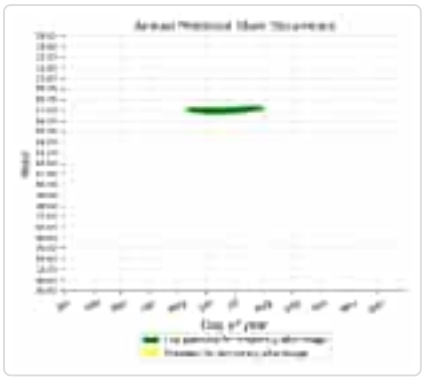


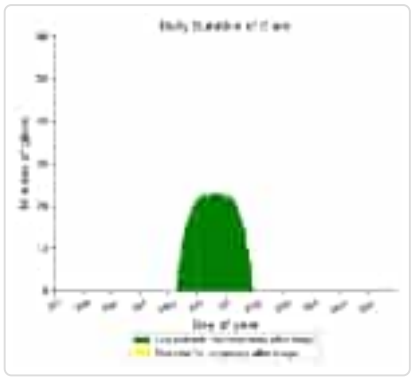


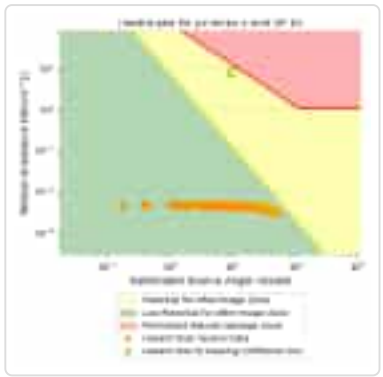
PV array 1: OP 63

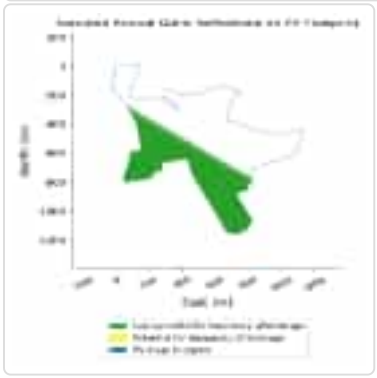
PV array is expected to produce the following glare for this receptor:

- 1,489 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





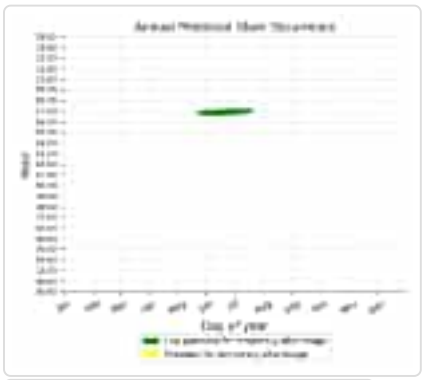


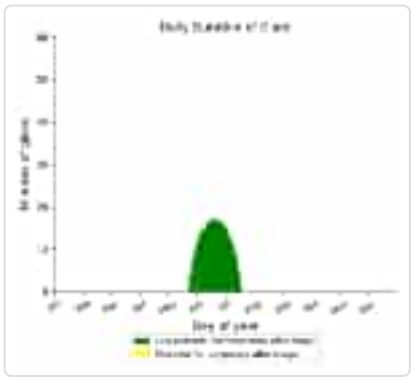


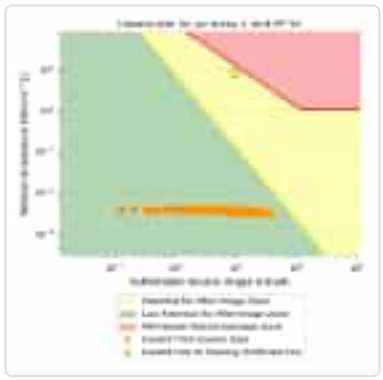
PV array 1: OP 64

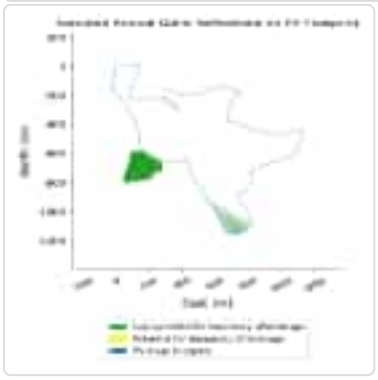
PV array is expected to produce the following glare for this receptor:

- 718 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





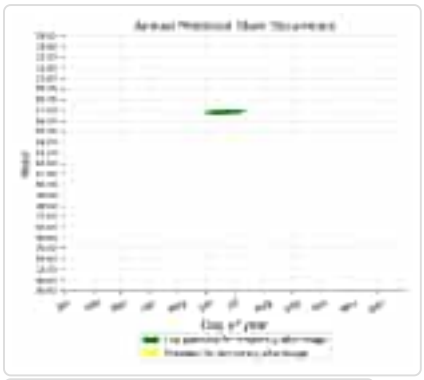


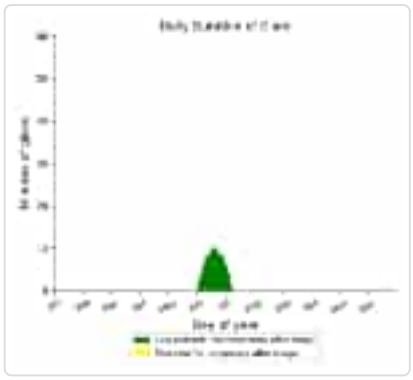


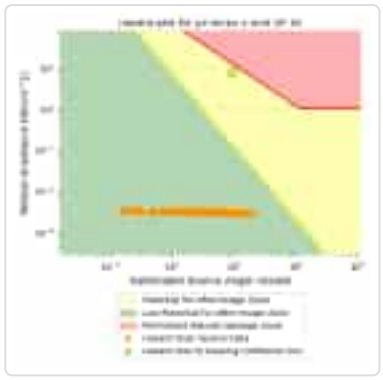
PV array 1: OP 65

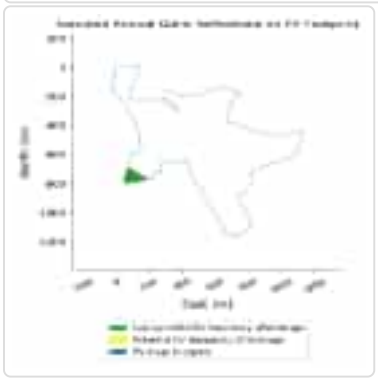
PV array is expected to produce the following glare for this receptor:

- 254 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





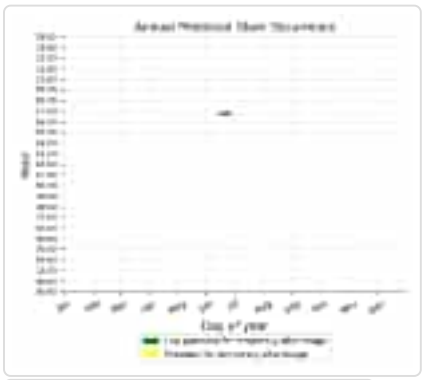


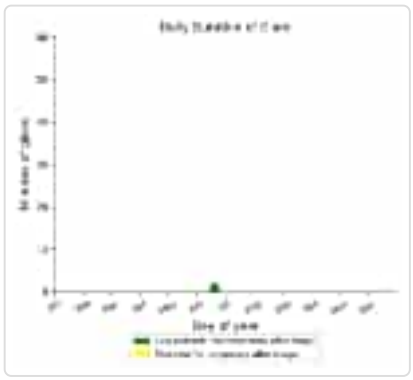


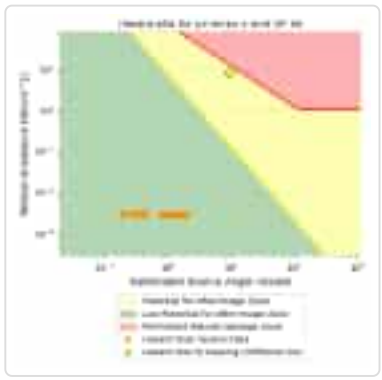
PV array 1: OP 66

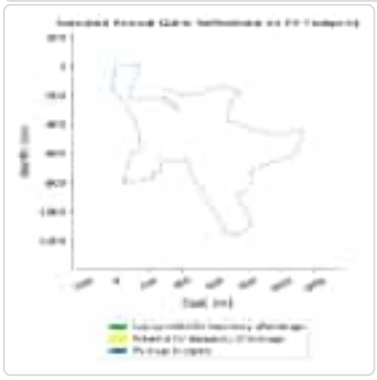
PV array is expected to produce the following glare for this receptor:

- 18 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 67

No glare found

PV array 1: OP 68

No glare found

PV array 1: OP 69

No glare found

PV array 1: OP 70

No glare found

PV array 1: OP 71

No glare found

PV array 1: OP 72

No glare found

PV array 1: OP 73

No glare found

PV array 10 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0

OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	161	0
OP: OP 14	1297	143
OP: OP 15	2238	113
OP: OP 16	3252	119
OP: OP 17	2582	0
OP: OP 18	0	0
OP: OP 19	1766	0
OP: OP 20	2109	0
OP: OP 21	1927	0
OP: OP 22	1971	0
OP: OP 23	1626	0
OP: OP 24	1931	0
OP: OP 25	1518	0
OP: OP 26	1257	0
OP: OP 27	862	0
OP: OP 28	539	0
OP: OP 29	1762	0
OP: OP 30	1619	0
OP: OP 31	1376	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	26	0
OP: OP 48	367	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0

OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	1312	299
OP: OP 64	6378	2590
OP: OP 65	2188	278
OP: OP 66	2313	166
OP: OP 67	1430	2795
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0

PV array 10: OP 1

No glare found

PV array 10: OP 2

No glare found

PV array 10: OP 3

No glare found

PV array 10: OP 4

No glare found

PV array 10: OP 5

No glare found

PV array 10: OP 6

No glare found

PV array 10: OP 7

No glare found

PV array 10: OP 8

No glare found

PV array 10: OP 9

No glare found

PV array 10: OP 10

No glare found

PV array 10: OP 11

No glare found

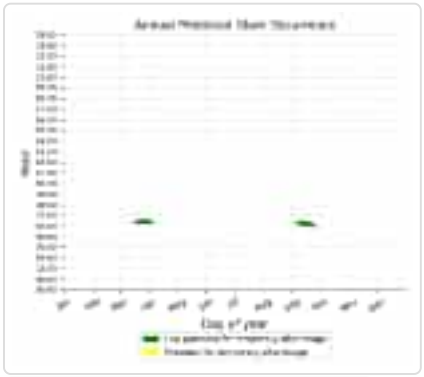
PV array 10: OP 12

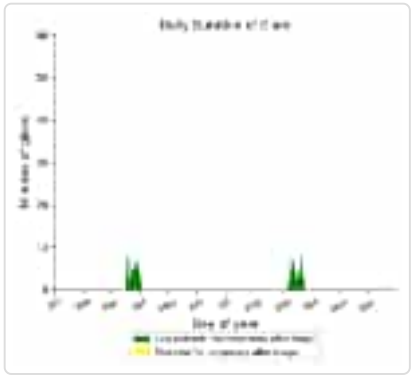
No glare found

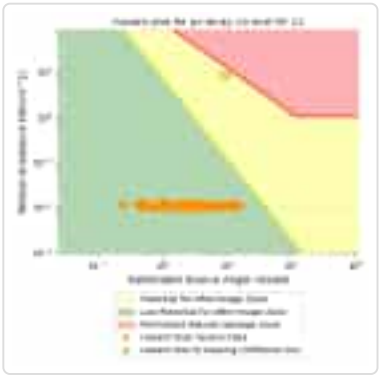
PV array 10: OP 13

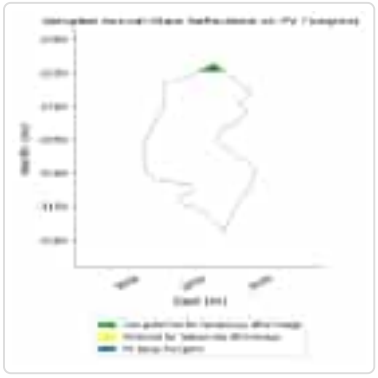
PV array is expected to produce the following glare for this receptor:

- 161 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





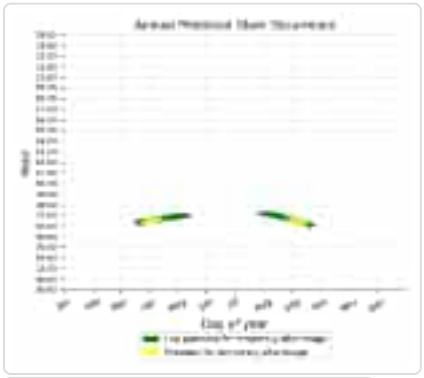


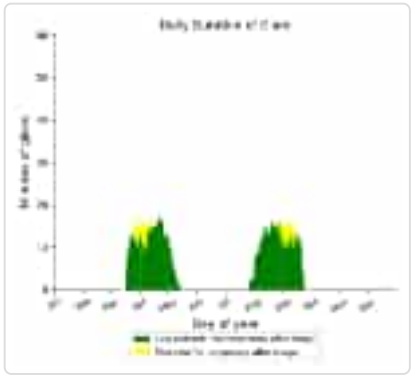


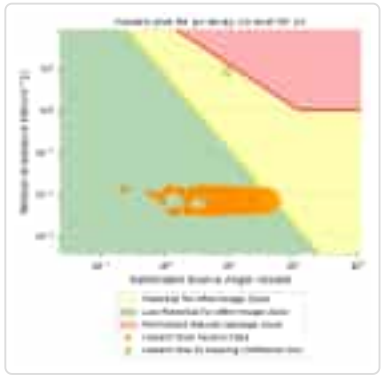
PV array 10: OP 14

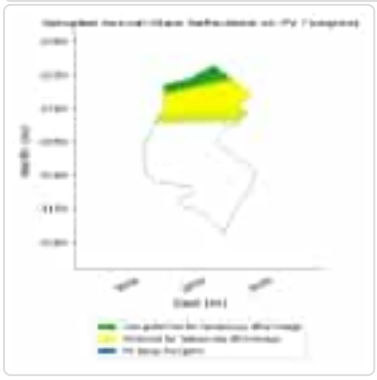
PV array is expected to produce the following glare for this receptor:

- 1,297 minutes of "green" glare with low potential to cause temporary after-image.
- 143 minutes of "yellow" glare with potential to cause temporary after-image.





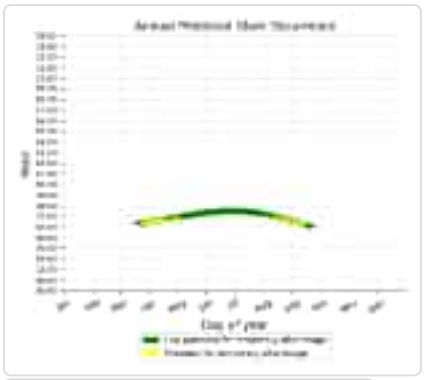


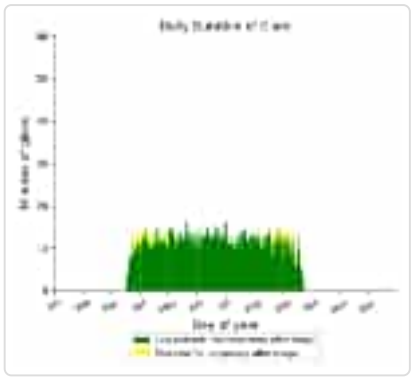


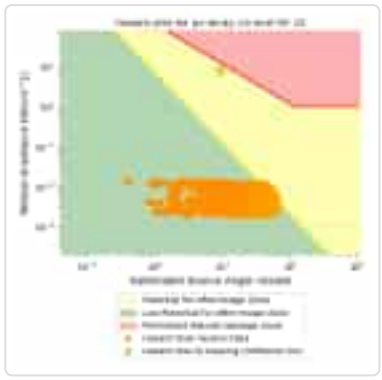
PV array 10: OP 15

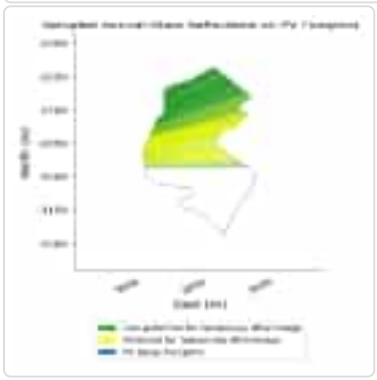
PV array is expected to produce the following glare for this receptor:

- 2,238 minutes of "green" glare with low potential to cause temporary after-image.
- 113 minutes of "yellow" glare with potential to cause temporary after-image.





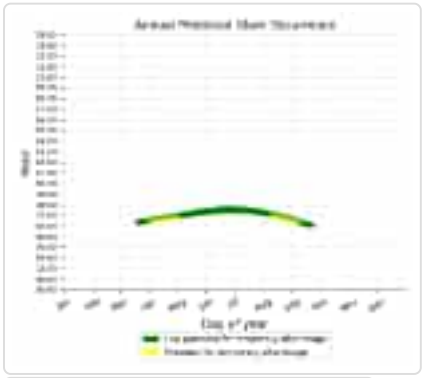


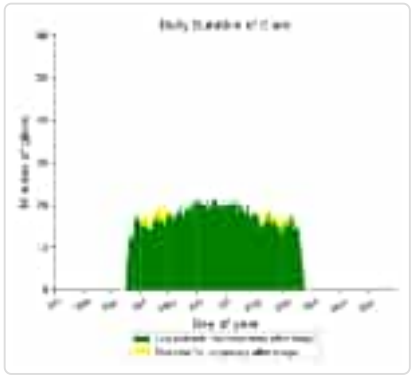


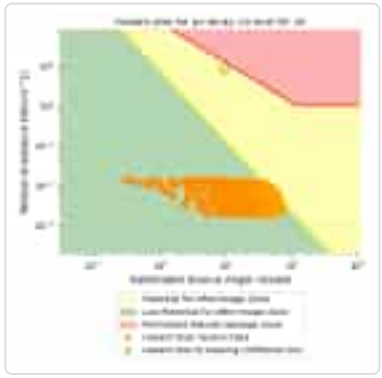
PV array 10: OP 16

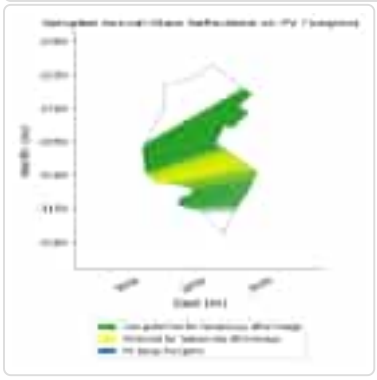
PV array is expected to produce the following glare for this receptor:

- 3,252 minutes of "green" glare with low potential to cause temporary after-image.
- 119 minutes of "yellow" glare with potential to cause temporary after-image.





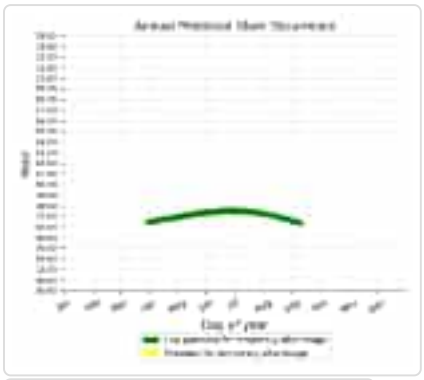


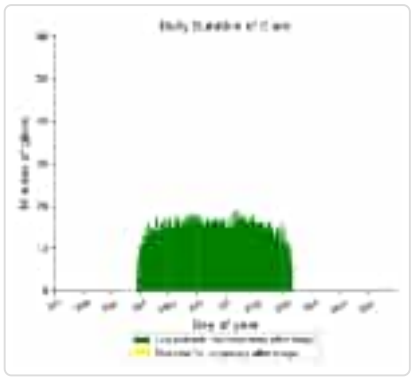


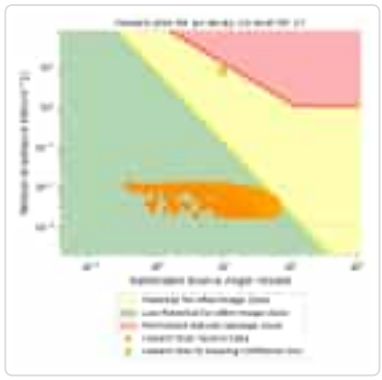
PV array 10: OP 17

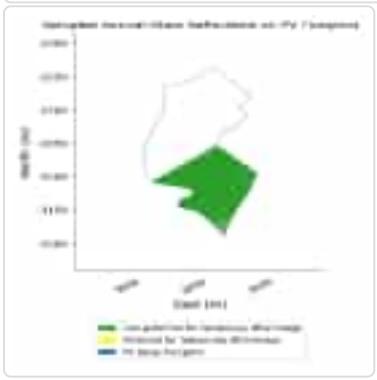
PV array is expected to produce the following glare for this receptor:

- 2,582 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









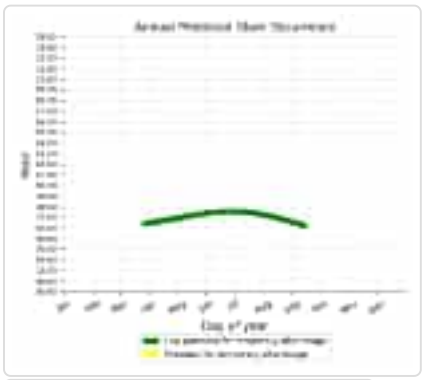
PV array 10: OP 18

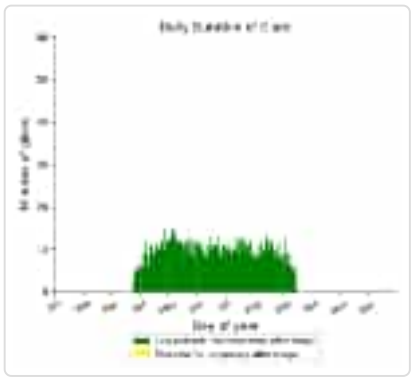
No glare found

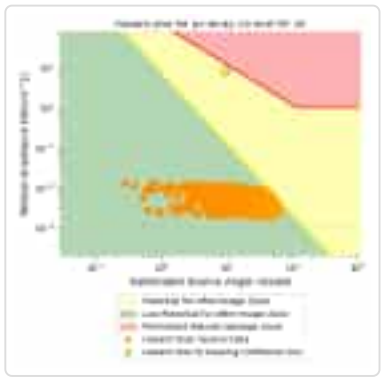
PV array 10: OP 19

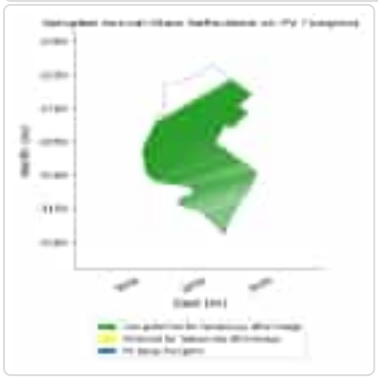
PV array is expected to produce the following glare for this receptor:

- 1,766 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





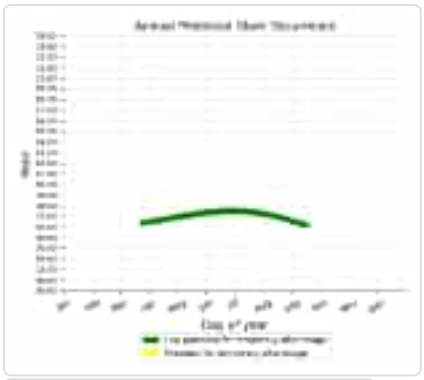


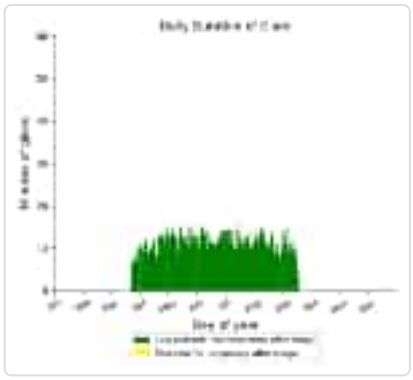


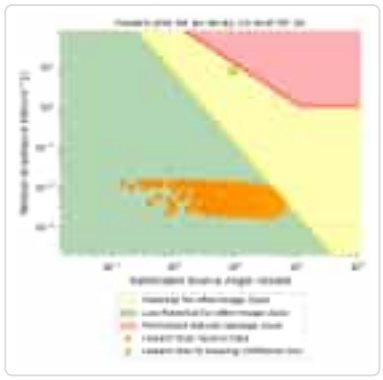
PV array 10: OP 20

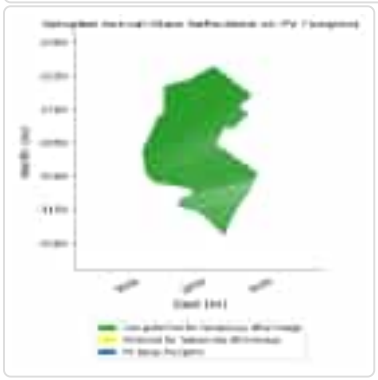
PV array is expected to produce the following glare for this receptor:

- 2,109 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





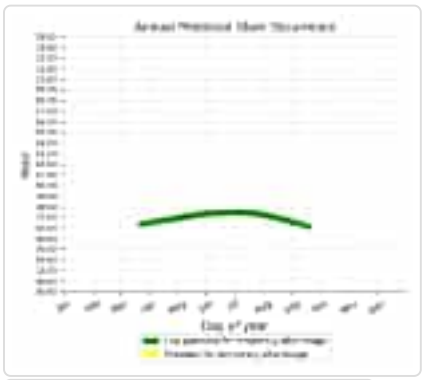


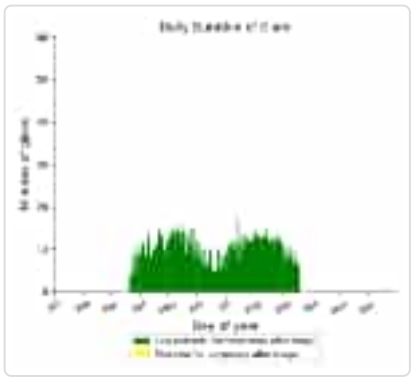


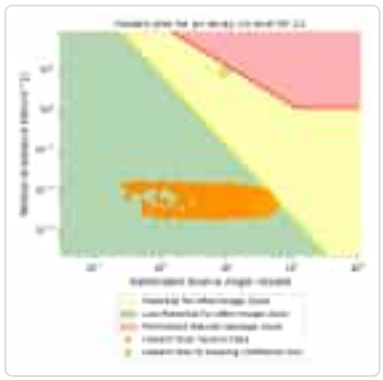
PV array 10: OP 21

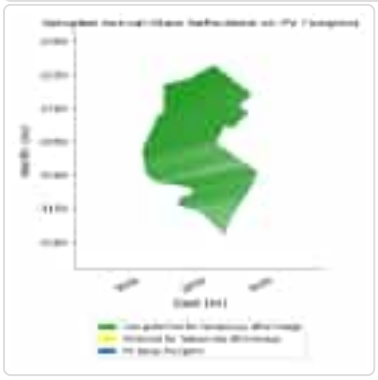
PV array is expected to produce the following glare for this receptor:

- 1,927 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





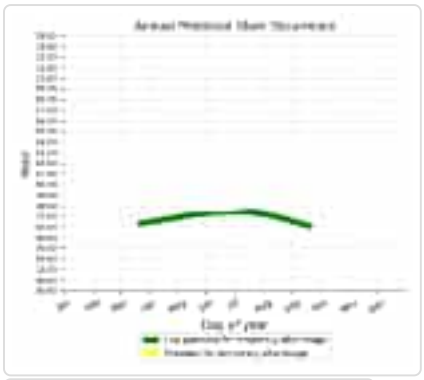


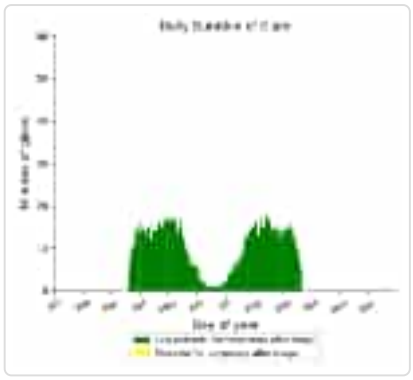


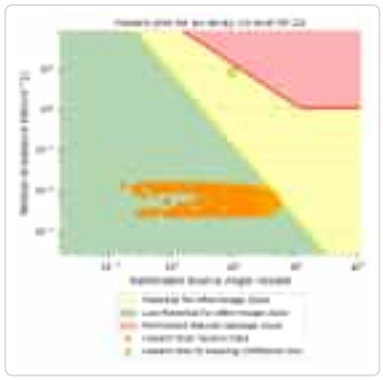
PV array 10: OP 22

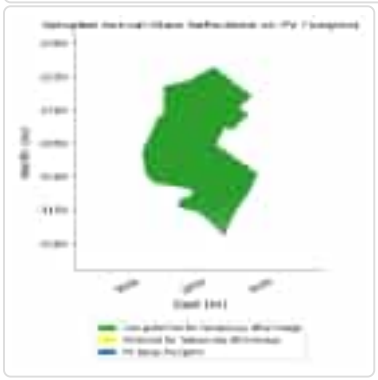
PV array is expected to produce the following glare for this receptor:

- 1,971 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





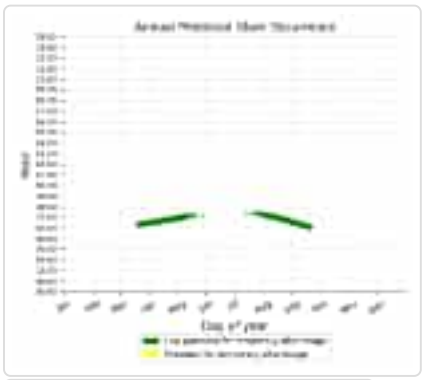


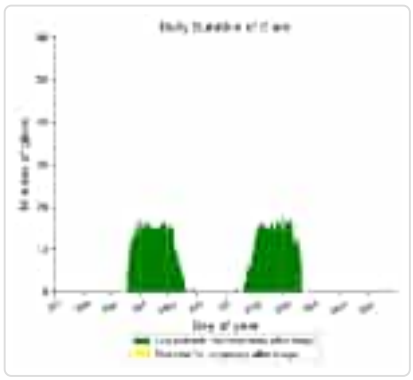


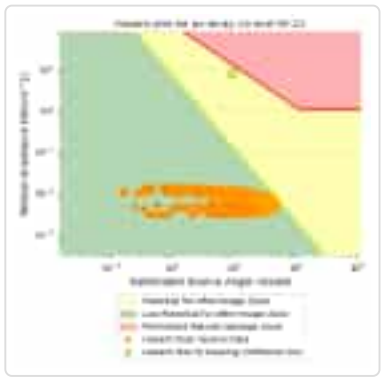
PV array 10: OP 23

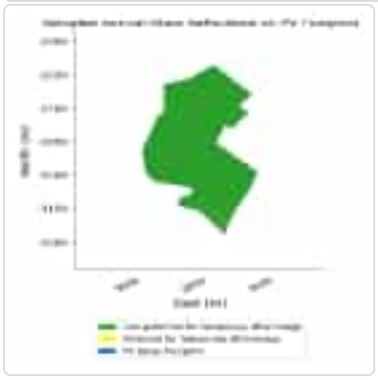
PV array is expected to produce the following glare for this receptor:

- 1,626 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





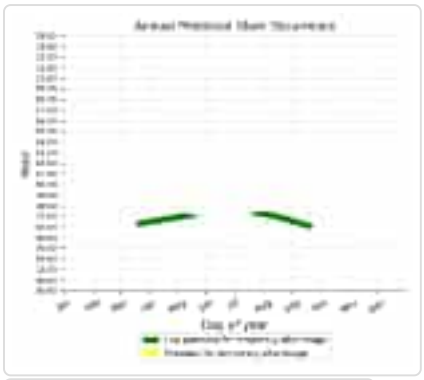


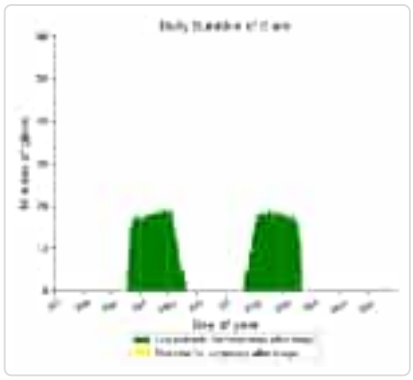


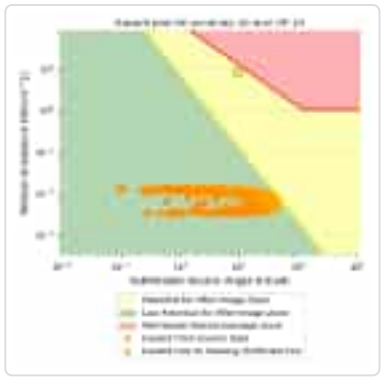
PV array 10: OP 24

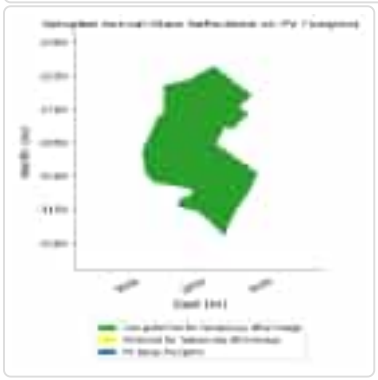
PV array is expected to produce the following glare for this receptor:

- 1,931 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





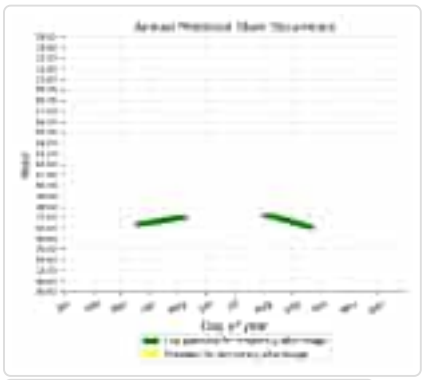


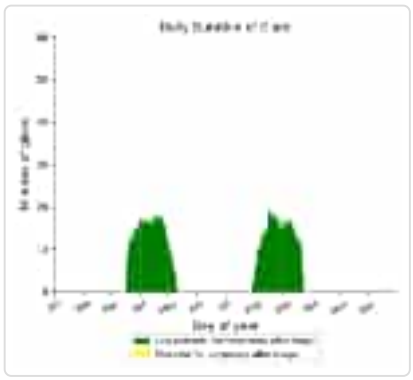


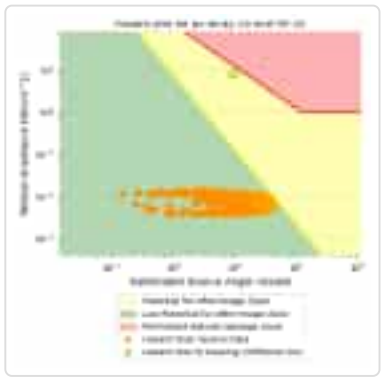
PV array 10: OP 25

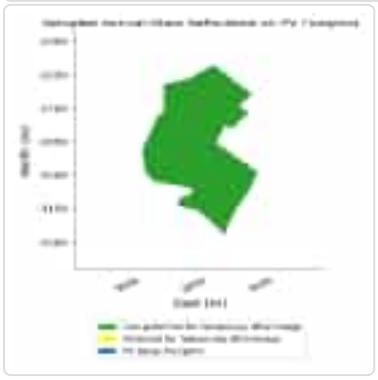
PV array is expected to produce the following glare for this receptor:

- 1,518 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





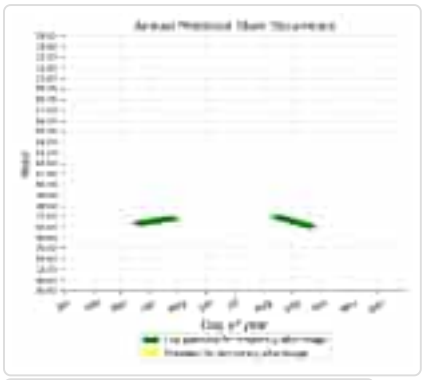


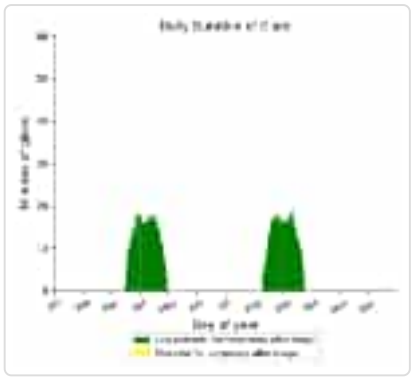


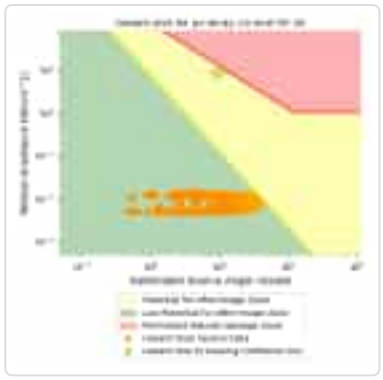
PV array 10: OP 26

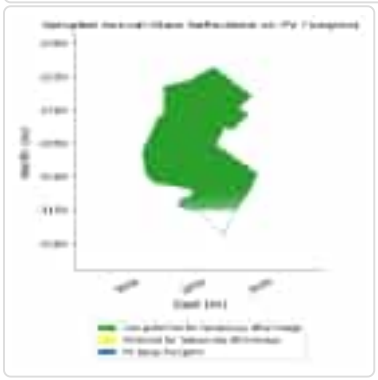
PV array is expected to produce the following glare for this receptor:

- 1,257 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





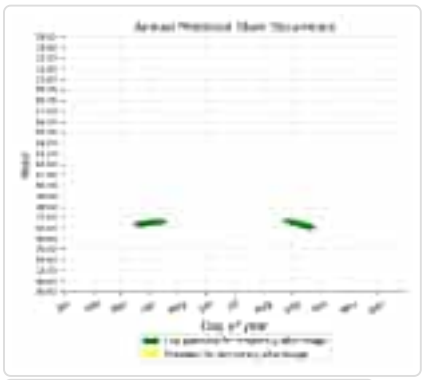


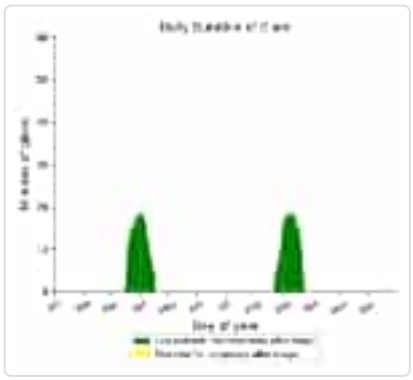


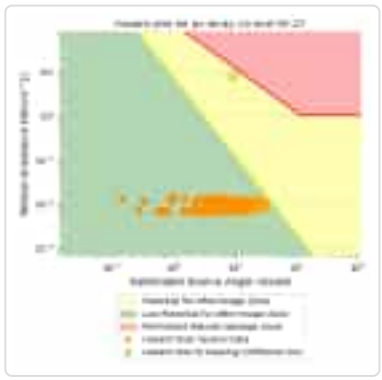
PV array 10: OP 27

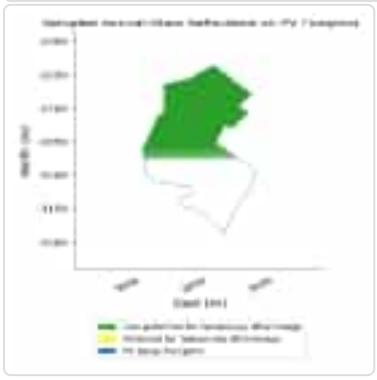
PV array is expected to produce the following glare for this receptor:

- 862 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





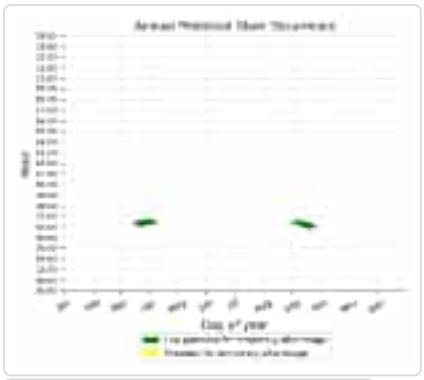


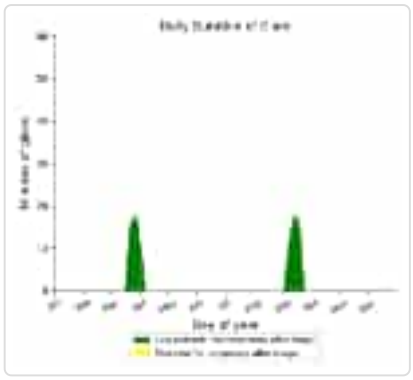


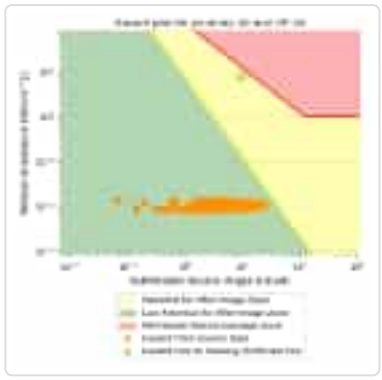
PV array 10: OP 28

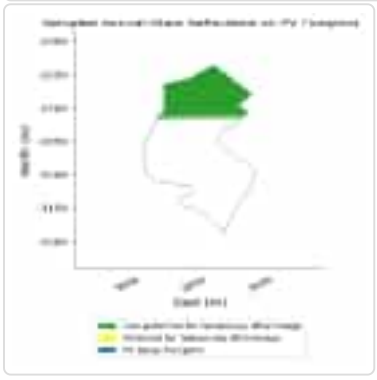
PV array is expected to produce the following glare for this receptor:

- 539 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





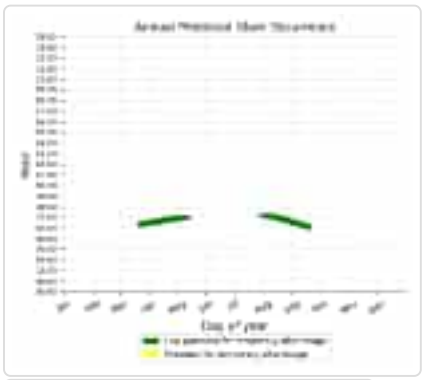


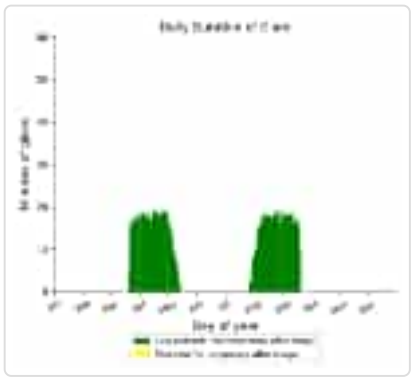


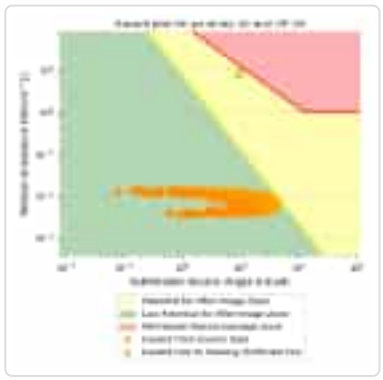
PV array 10: OP 29

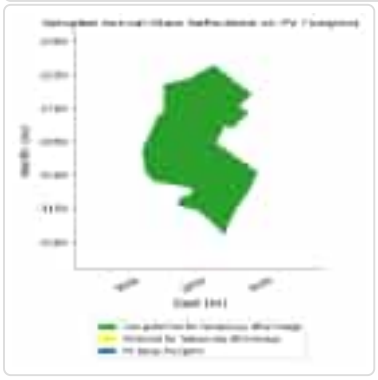
PV array is expected to produce the following glare for this receptor:

- 1,762 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





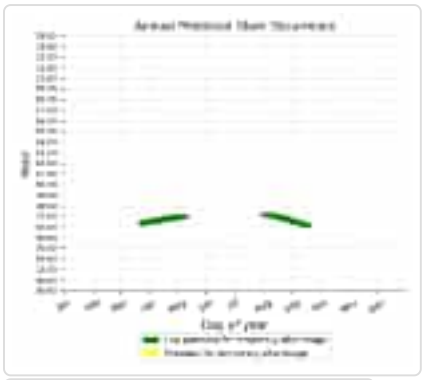


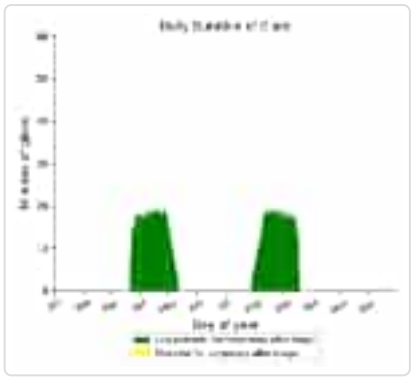


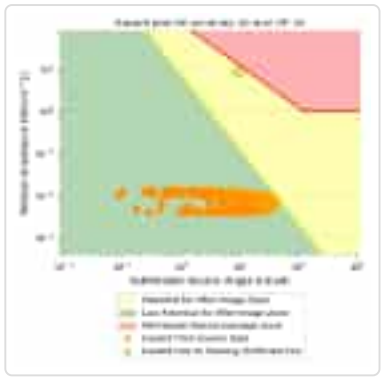
PV array 10: OP 30

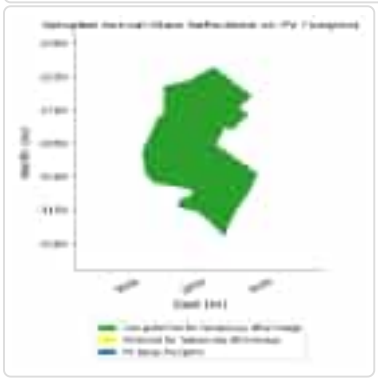
PV array is expected to produce the following glare for this receptor:

- 1,619 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





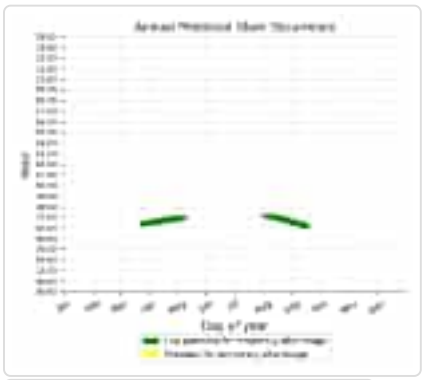


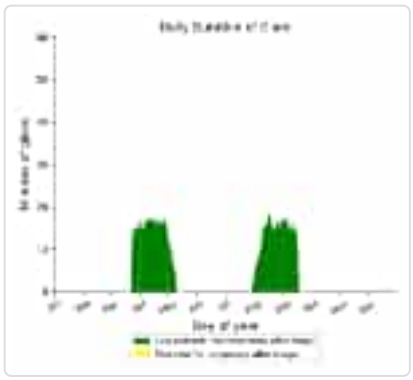


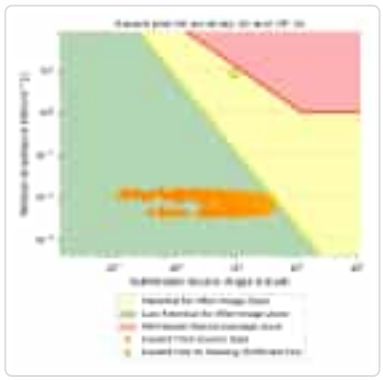
PV array 10: OP 31

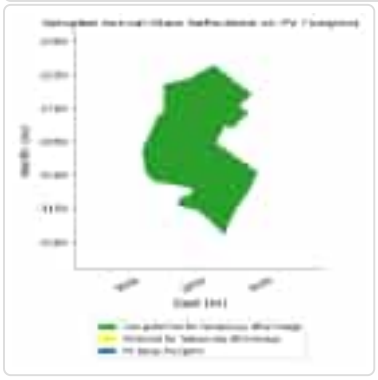
PV array is expected to produce the following glare for this receptor:

- 1,376 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 32

No glare found

PV array 10: OP 33

No glare found

PV array 10: OP 34

No glare found

PV array 10: OP 35

No glare found

PV array 10: OP 36

No glare found

PV array 10: OP 37

No glare found

PV array 10: OP 38

No glare found

PV array 10: OP 39

No glare found

PV array 10: OP 40

No glare found

PV array 10: OP 41

No glare found

PV array 10: OP 42

No glare found

PV array 10: OP 43

No glare found

PV array 10: OP 44

No glare found

PV array 10: OP 45

No glare found

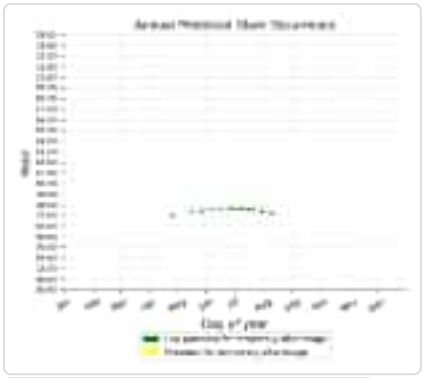
PV array 10: OP 46

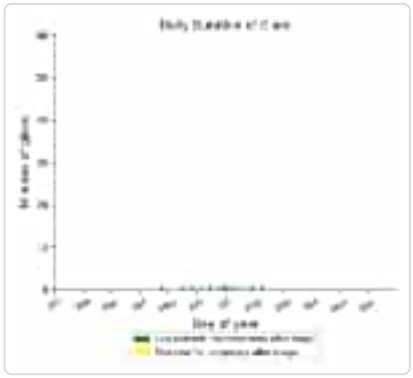
No glare found

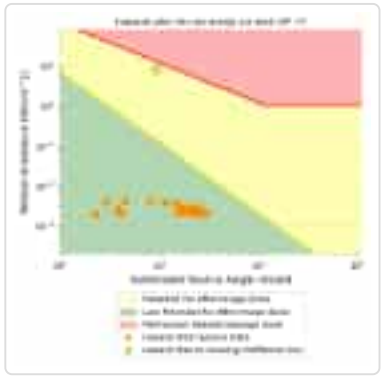
PV array 10: OP 47

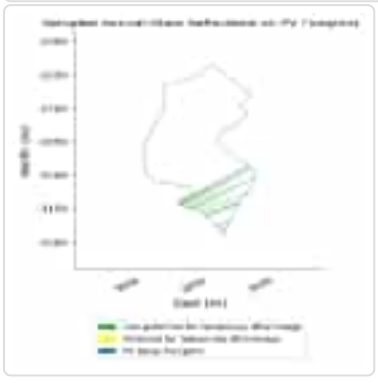
PV array is expected to produce the following glare for this receptor:

- 26 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





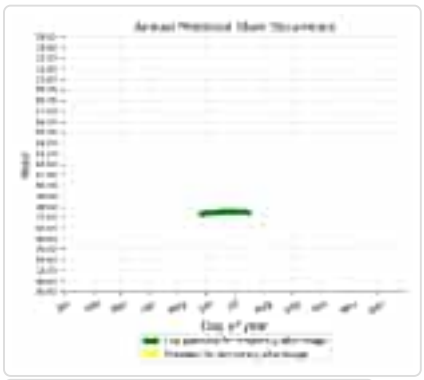


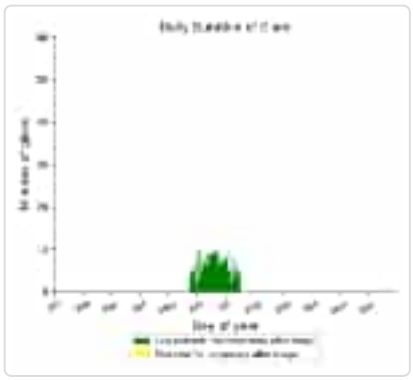


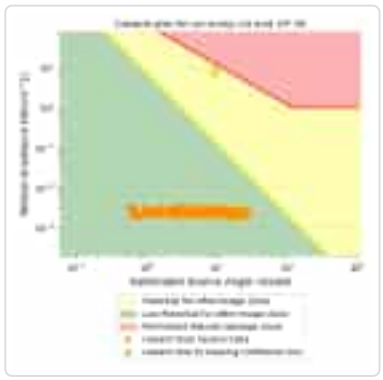
PV array 10: OP 48

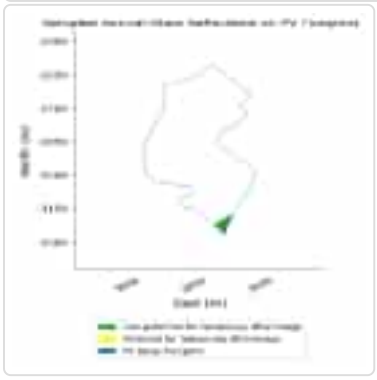
PV array is expected to produce the following glare for this receptor:

- 367 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 49

No glare found

PV array 10: OP 50

No glare found

PV array 10: OP 51

No glare found

PV array 10: OP 52

No glare found

PV array 10: OP 53

No glare found

PV array 10: OP 54

No glare found

PV array 10: OP 55

No glare found

PV array 10: OP 56

No glare found

PV array 10: OP 57

No glare found

PV array 10: OP 58

No glare found

PV array 10: OP 59

No glare found

PV array 10: OP 60

No glare found

PV array 10: OP 61

No glare found

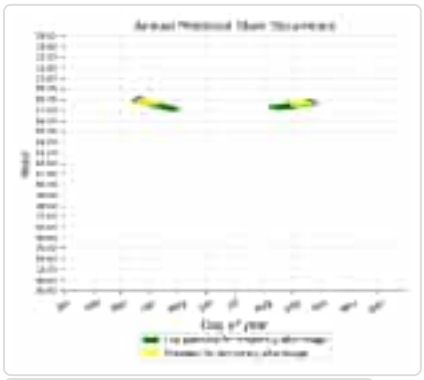
PV array 10: OP 62

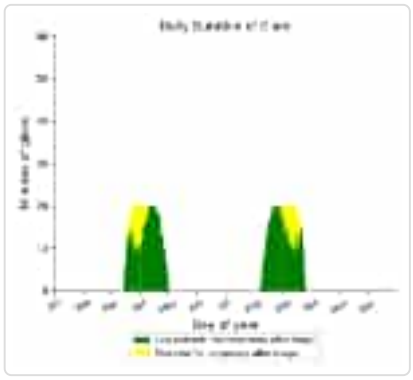
No glare found

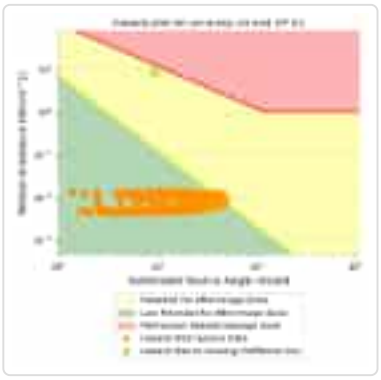
PV array 10: OP 63

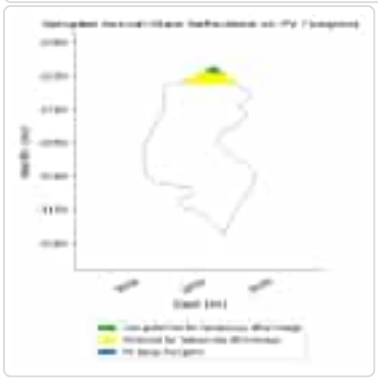
PV array is expected to produce the following glare for this receptor:

- 1,312 minutes of "green" glare with low potential to cause temporary after-image.
- 299 minutes of "yellow" glare with potential to cause temporary after-image.





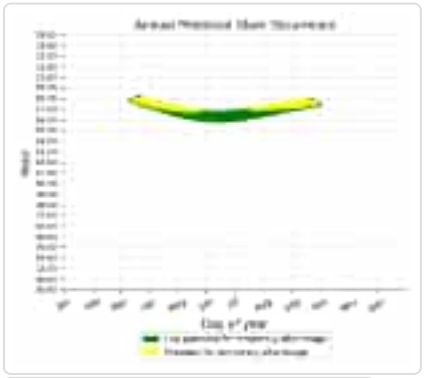


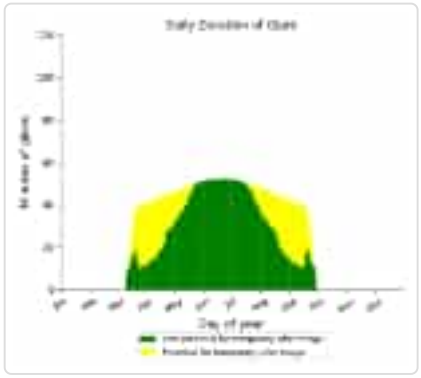


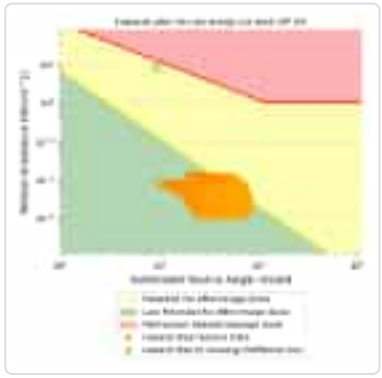
PV array 10: OP 64

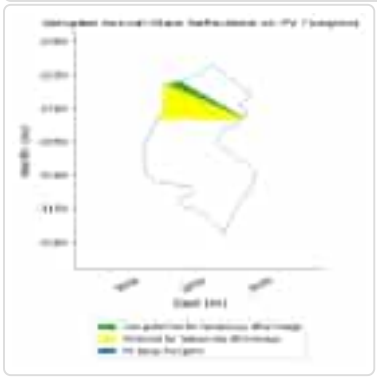
PV array is expected to produce the following glare for this receptor:

- 6,378 minutes of "green" glare with low potential to cause temporary after-image.
- 2,590 minutes of "yellow" glare with potential to cause temporary after-image.





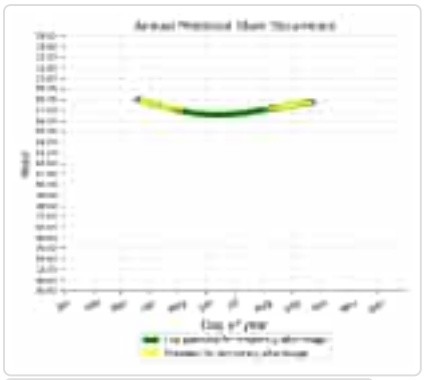


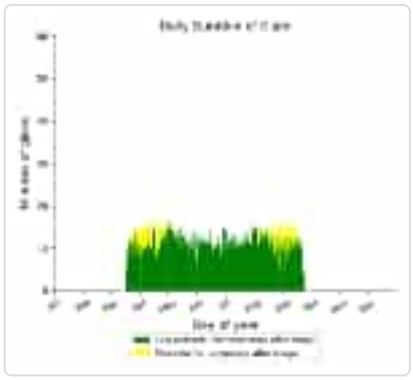


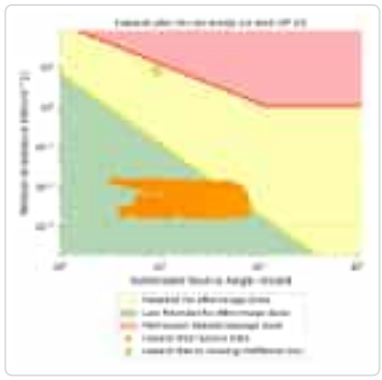
PV array 10: OP 65

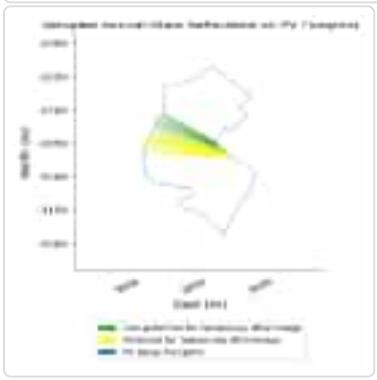
PV array is expected to produce the following glare for this receptor:

- 2,188 minutes of "green" glare with low potential to cause temporary after-image.
- 278 minutes of "yellow" glare with potential to cause temporary after-image.





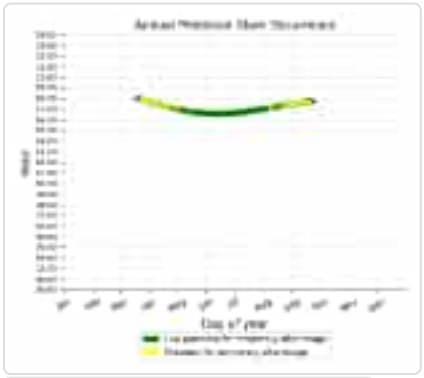


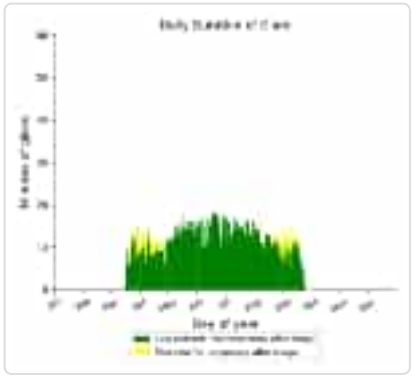


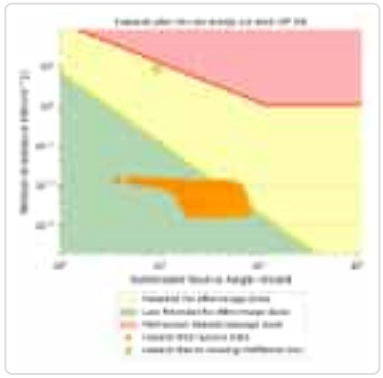
PV array 10: OP 66

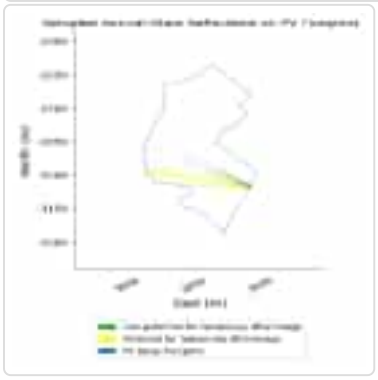
PV array is expected to produce the following glare for this receptor:

- 2,313 minutes of "green" glare with low potential to cause temporary after-image.
- 166 minutes of "yellow" glare with potential to cause temporary after-image.





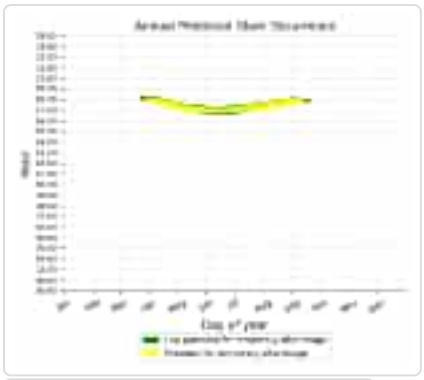


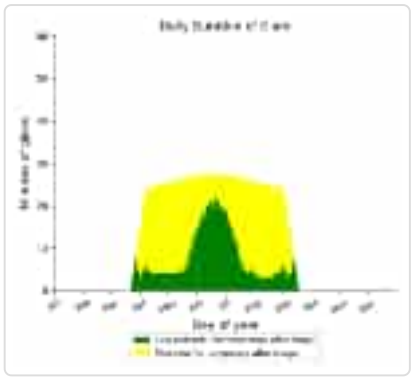


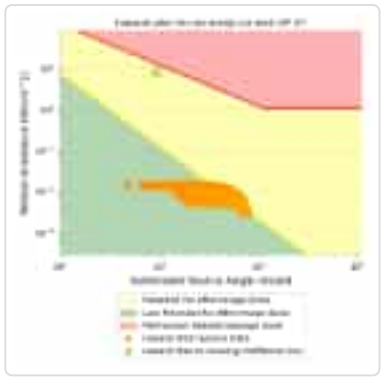
PV array 10: OP 67

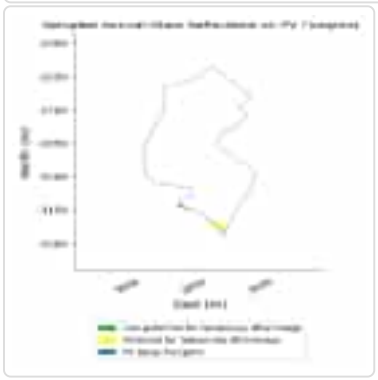
PV array is expected to produce the following glare for this receptor:

- 1,430 minutes of "green" glare with low potential to cause temporary after-image.
- 2,795 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 68

No glare found

PV array 10: OP 69

No glare found

PV array 10: OP 70

No glare found

PV array 10: OP 71

No glare found

PV array 10: OP 72

No glare found

PV array 10: OP 73

No glare found

PV array 11 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	21	0
OP: OP 15	1119	0
OP: OP 16	2897	0
OP: OP 17	2654	390
OP: OP 18	2985	267
OP: OP 19	3081	49
OP: OP 20	2013	0
OP: OP 21	1646	0
OP: OP 22	1422	0
OP: OP 23	1133	0
OP: OP 24	1052	0
OP: OP 25	868	0
OP: OP 26	500	0
OP: OP 27	154	0
OP: OP 28	0	0
OP: OP 29	733	0
OP: OP 30	940	0
OP: OP 31	776	0
OP: OP 32	0	0
OP: OP 33	0	0

OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	2717	529
OP: OP 48	3054	100
OP: OP 49	2789	82
OP: OP 50	2811	384
OP: OP 51	2809	326
OP: OP 52	2715	543
OP: OP 53	2492	328
OP: OP 54	2142	68
OP: OP 55	1381	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	1805	5864
OP: OP 66	1604	4198
OP: OP 67	1573	5010
OP: OP 68	1465	2186
OP: OP 69	1910	1493
OP: OP 70	2180	538
OP: OP 71	1567	264
OP: OP 72	1648	155
OP: OP 73	2063	71

PV array 11: OP 1

No glare found

PV array 11: OP 2

No glare found

PV array 11: OP 3

No glare found

PV array 11: OP 4

No glare found

PV array 11: OP 5

No glare found

PV array 11: OP 6

No glare found

PV array 11: OP 7

No glare found

PV array 11: OP 8

No glare found

PV array 11: OP 9

No glare found

PV array 11: OP 10

No glare found

PV array 11: OP 11

No glare found

PV array 11: OP 12

No glare found

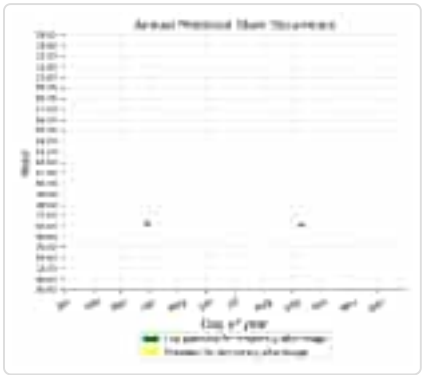
PV array 11: OP 13

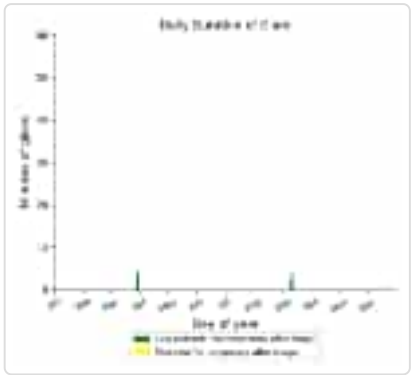
No glare found

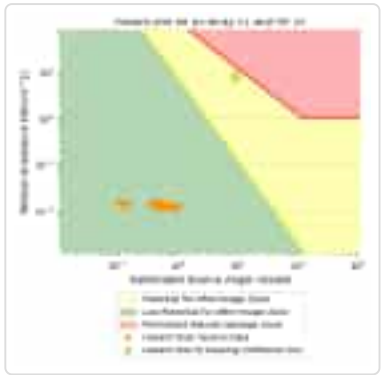
PV array 11: OP 14

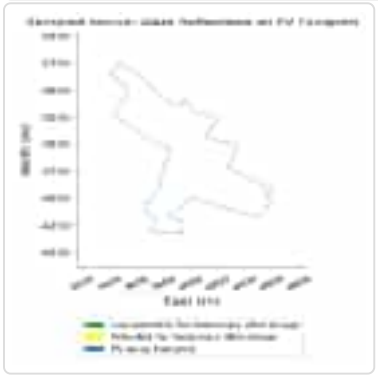
PV array is expected to produce the following glare for this receptor:

- 21 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





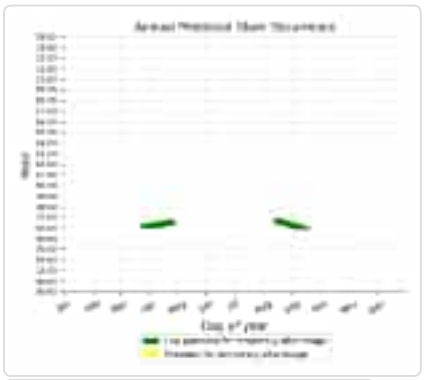


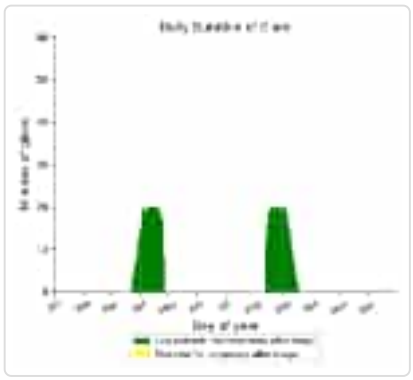


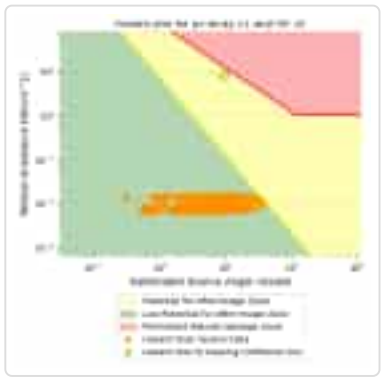
PV array 11: OP 15

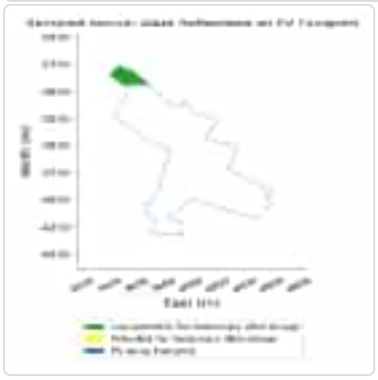
PV array is expected to produce the following glare for this receptor:

- 1,119 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





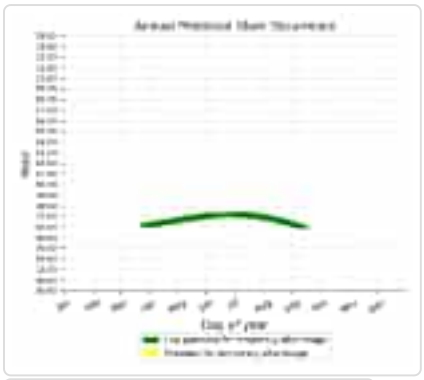


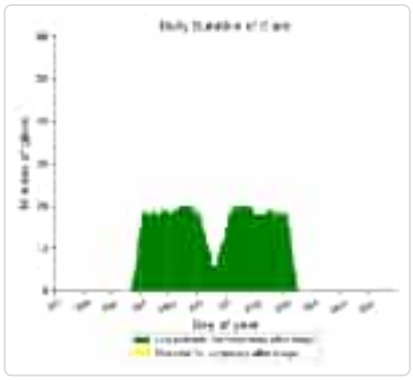


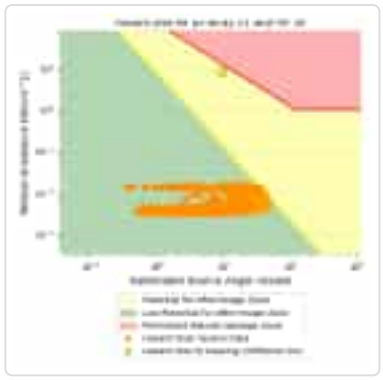
PV array 11: OP 16

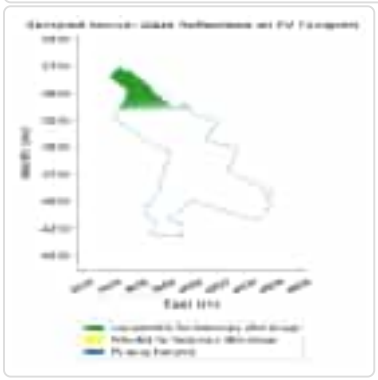
PV array is expected to produce the following glare for this receptor:

- 2,897 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





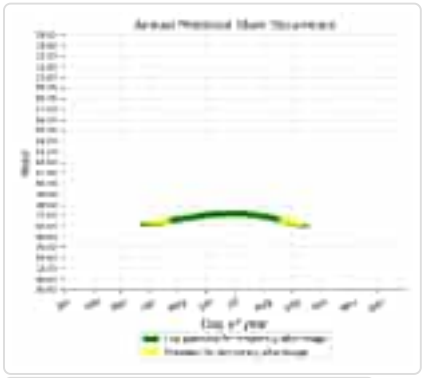


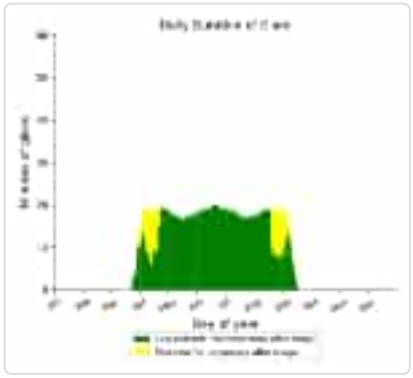


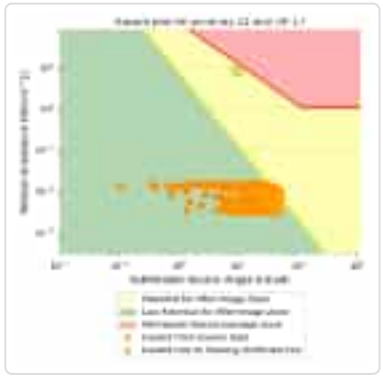
PV array 11: OP 17

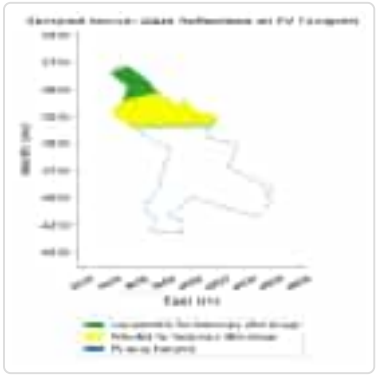
PV array is expected to produce the following glare for this receptor:

- 2,654 minutes of "green" glare with low potential to cause temporary after-image.
- 390 minutes of "yellow" glare with potential to cause temporary after-image.





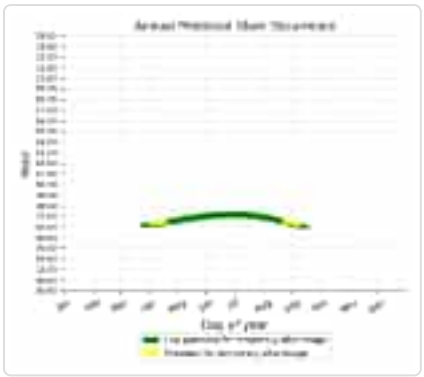


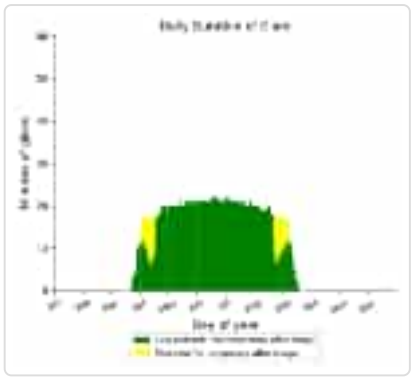


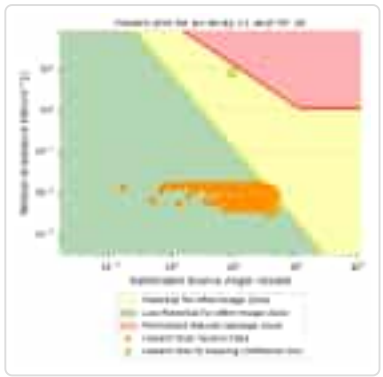
PV array 11: OP 18

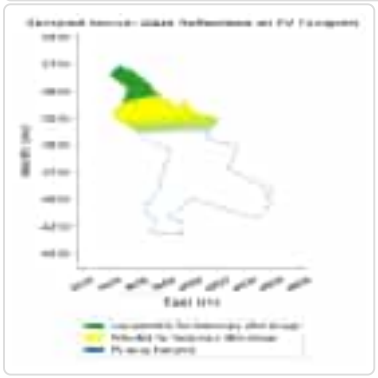
PV array is expected to produce the following glare for this receptor:

- 2,985 minutes of "green" glare with low potential to cause temporary after-image.
- 267 minutes of "yellow" glare with potential to cause temporary after-image.





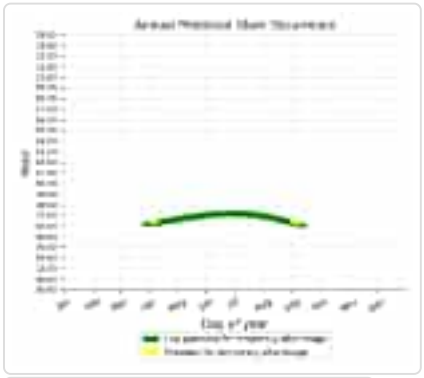


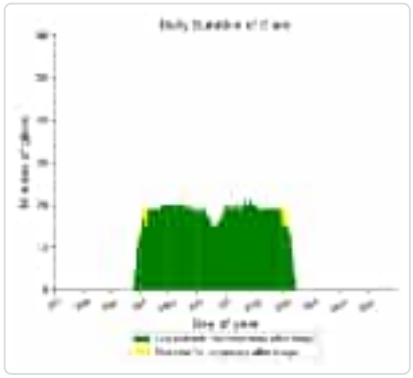


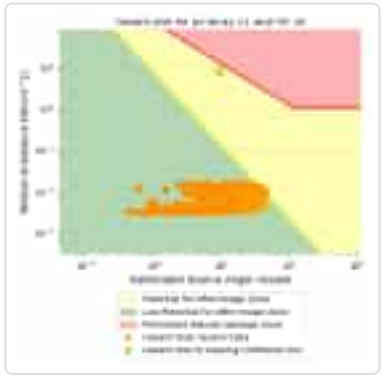
PV array 11: OP 19

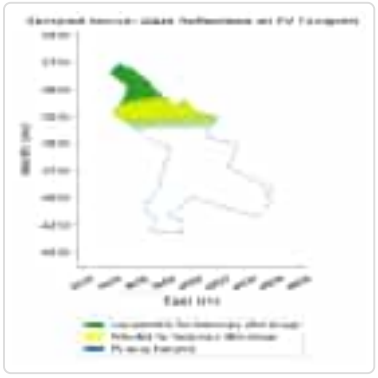
PV array is expected to produce the following glare for this receptor:

- 3,081 minutes of "green" glare with low potential to cause temporary after-image.
- 49 minutes of "yellow" glare with potential to cause temporary after-image.





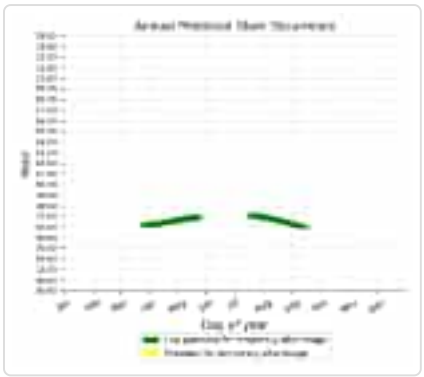


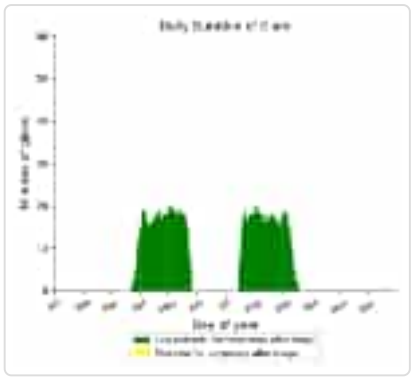


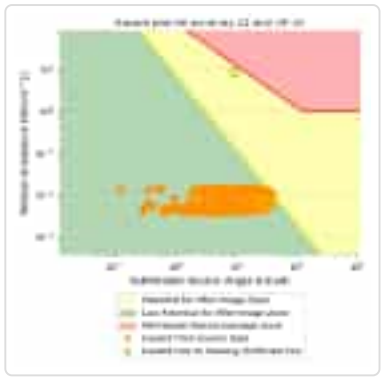
PV array 11: OP 20

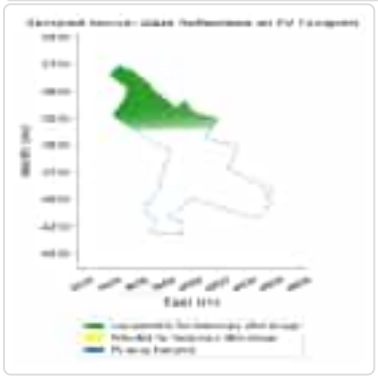
PV array is expected to produce the following glare for this receptor:

- 2,013 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





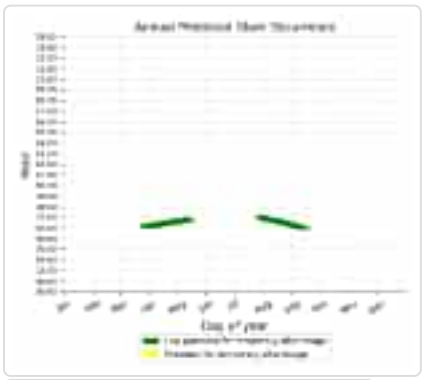


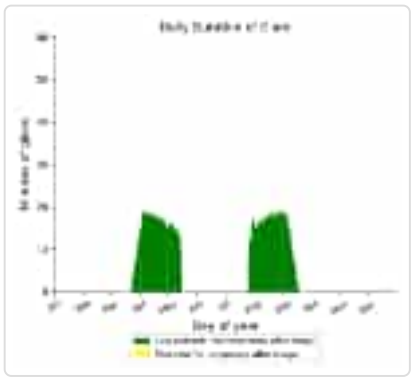


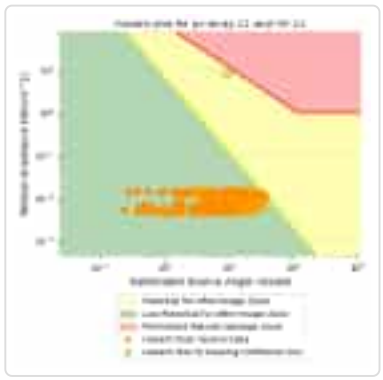
PV array 11: OP 21

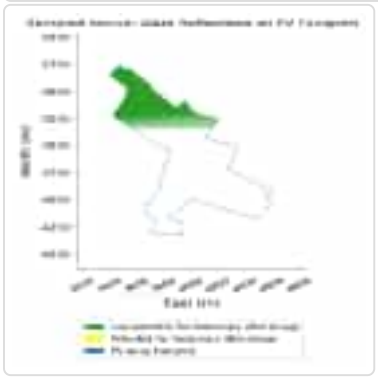
PV array is expected to produce the following glare for this receptor:

- 1,646 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





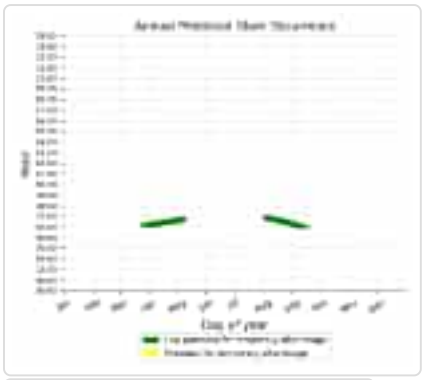


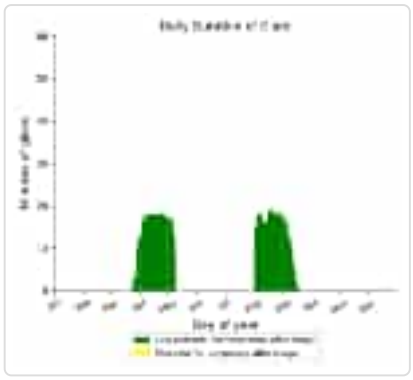


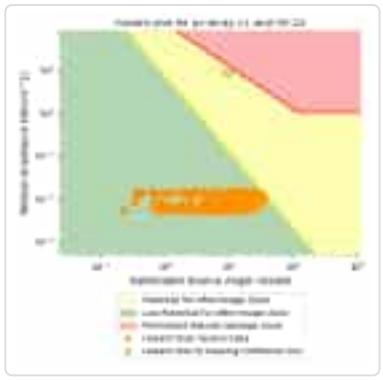
PV array 11: OP 22

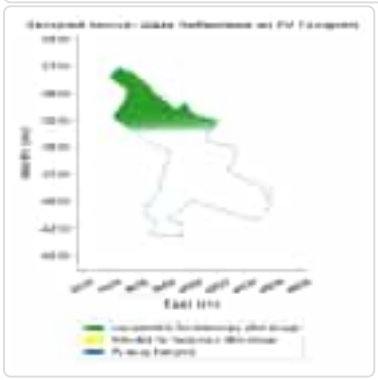
PV array is expected to produce the following glare for this receptor:

- 1,422 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





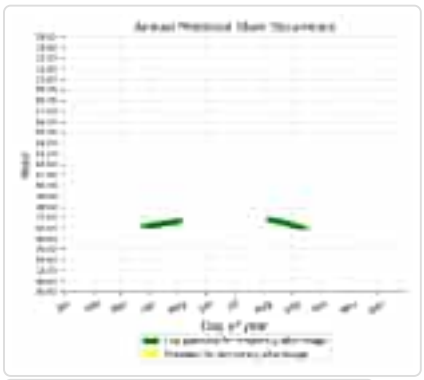


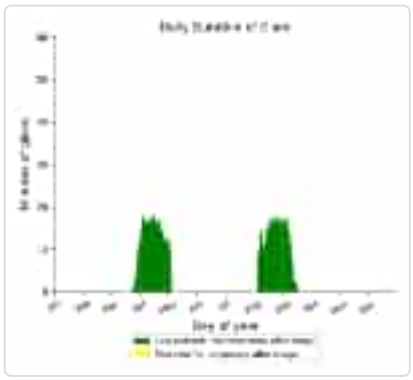


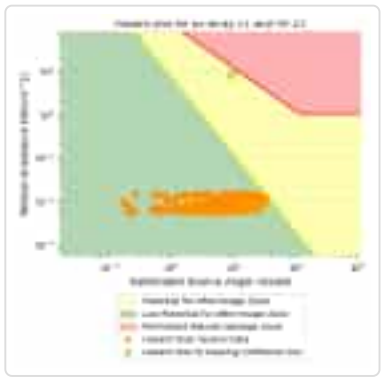
PV array 11: OP 23

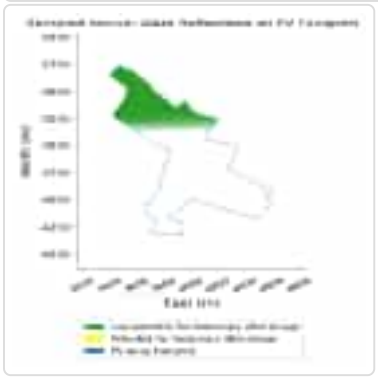
PV array is expected to produce the following glare for this receptor:

- 1,133 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





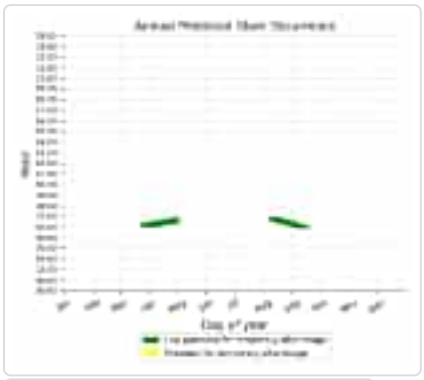


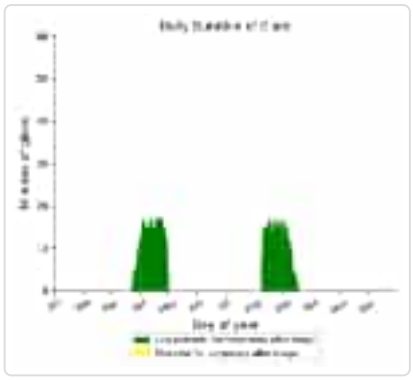


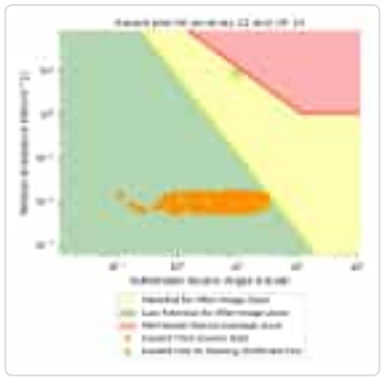
PV array 11: OP 24

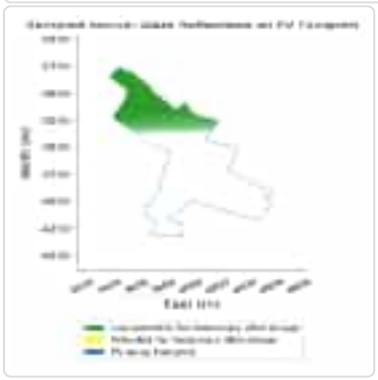
PV array is expected to produce the following glare for this receptor:

- 1,052 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





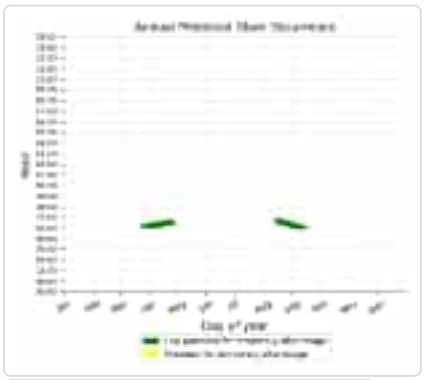


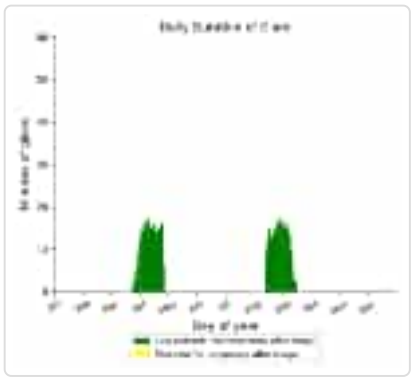


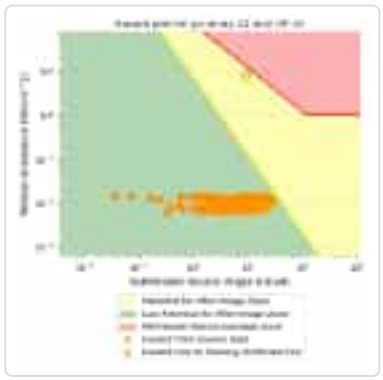
PV array 11: OP 25

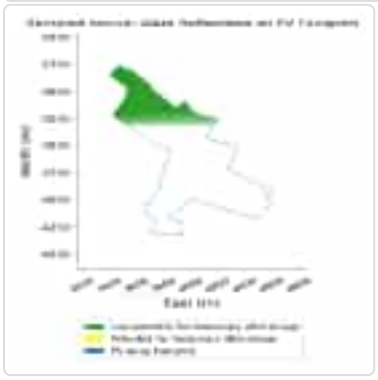
PV array is expected to produce the following glare for this receptor:

- 868 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





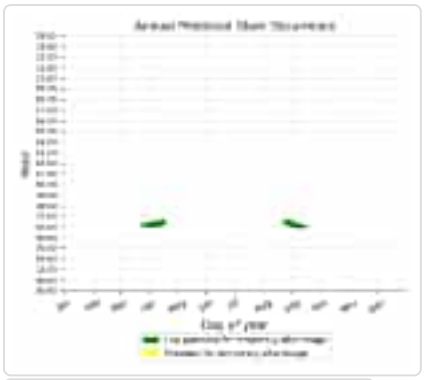


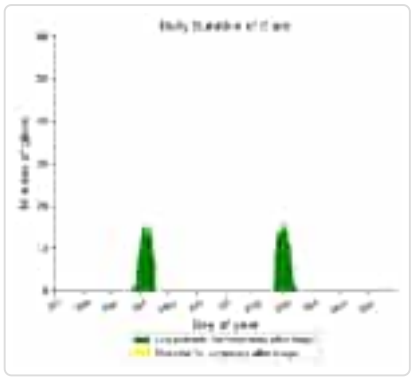


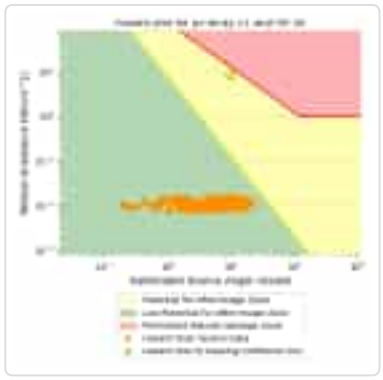
PV array 11: OP 26

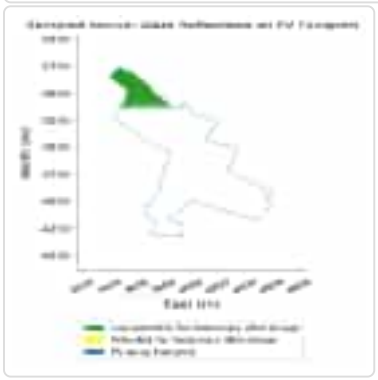
PV array is expected to produce the following glare for this receptor:

- 500 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





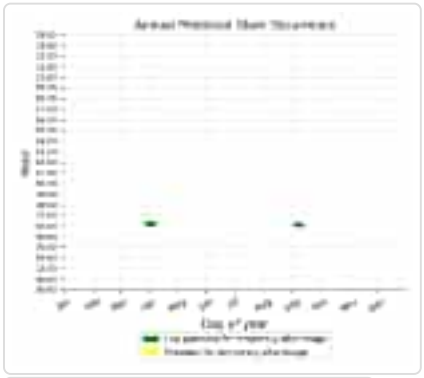


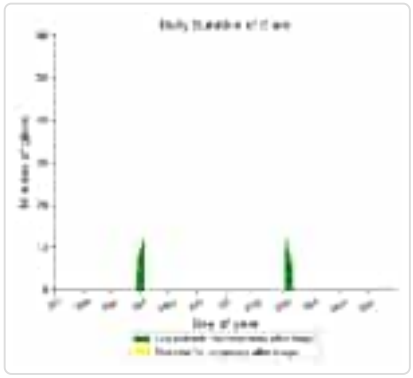


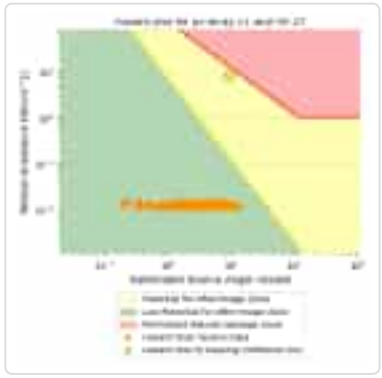
PV array 11: OP 27

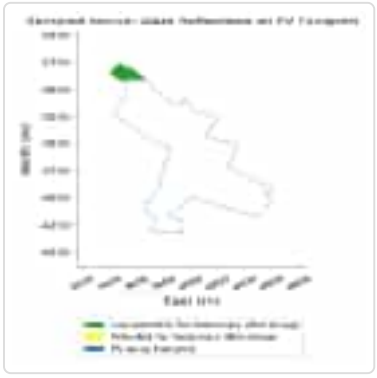
PV array is expected to produce the following glare for this receptor:

- 154 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









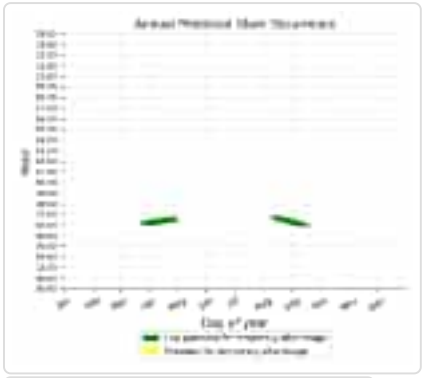
PV array 11: OP 28

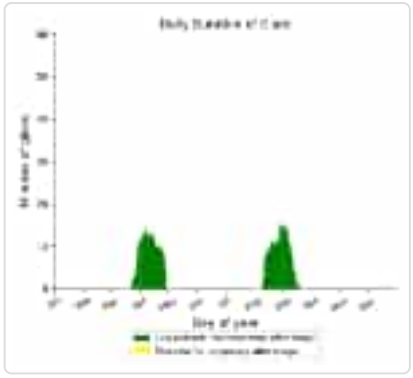
No glare found

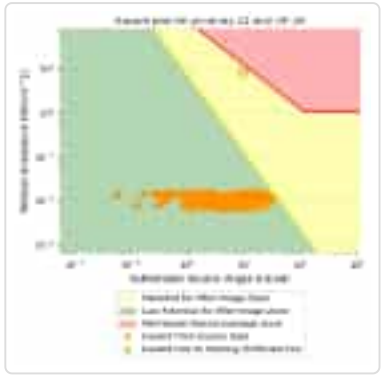
PV array 11: OP 29

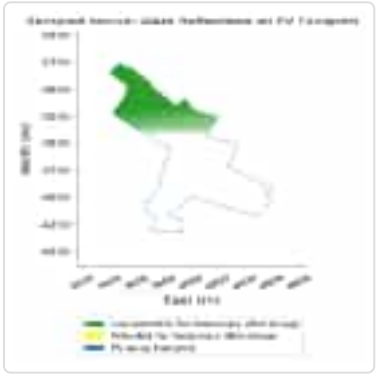
PV array is expected to produce the following glare for this receptor:

- 733 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





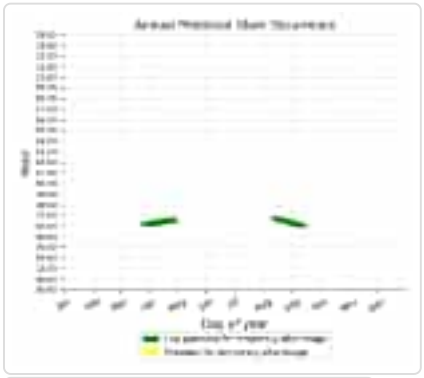


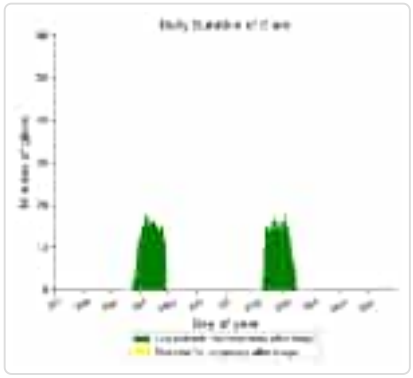


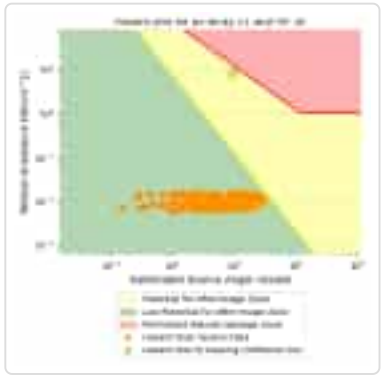
PV array 11: OP 30

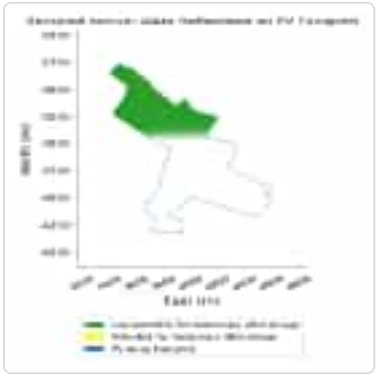
PV array is expected to produce the following glare for this receptor:

- 940 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





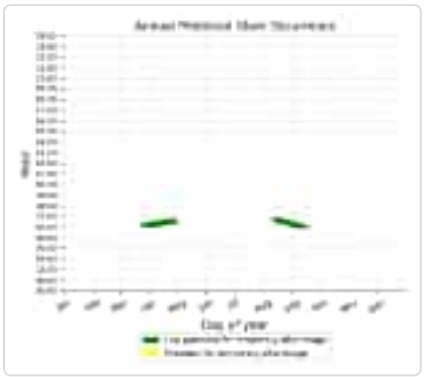


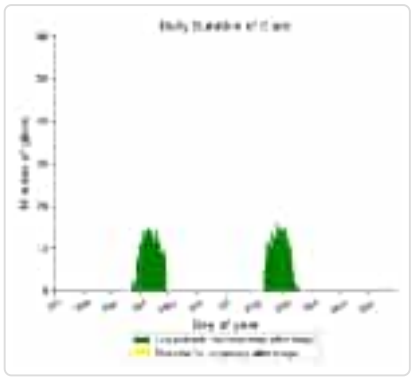


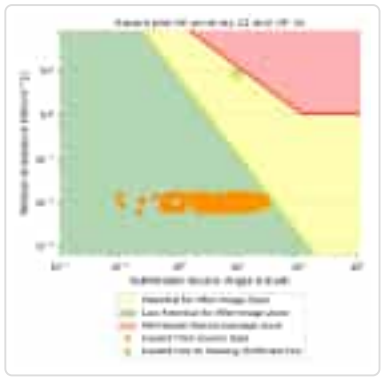
PV array 11: OP 31

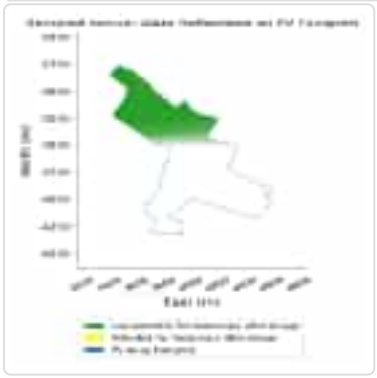
PV array is expected to produce the following glare for this receptor:

- 776 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 32

No glare found

PV array 11: OP 33

No glare found

PV array 11: OP 34

No glare found

PV array 11: OP 35

No glare found

PV array 11: OP 36

No glare found

PV array 11: OP 37

No glare found

PV array 11: OP 38

No glare found

PV array 11: OP 39

No glare found

PV array 11: OP 40

No glare found

PV array 11: OP 41

No glare found

PV array 11: OP 42

No glare found

PV array 11: OP 43

No glare found

PV array 11: OP 44

No glare found

PV array 11: OP 45

No glare found

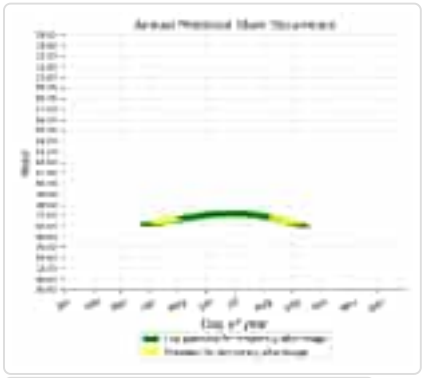
PV array 11: OP 46

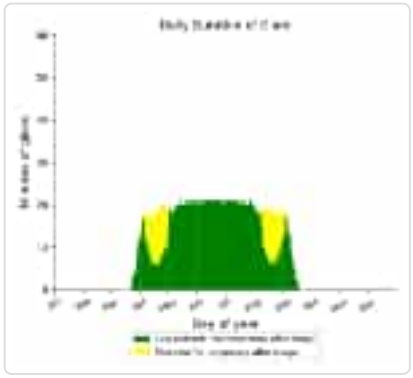
No glare found

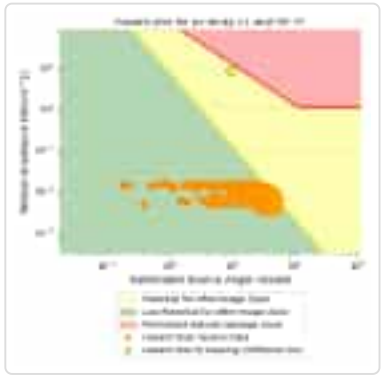
PV array 11: OP 47

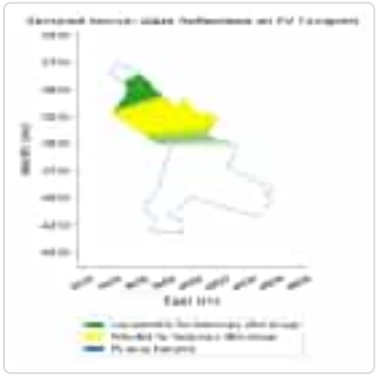
PV array is expected to produce the following glare for this receptor:

- 2,717 minutes of "green" glare with low potential to cause temporary after-image.
- 529 minutes of "yellow" glare with potential to cause temporary after-image.





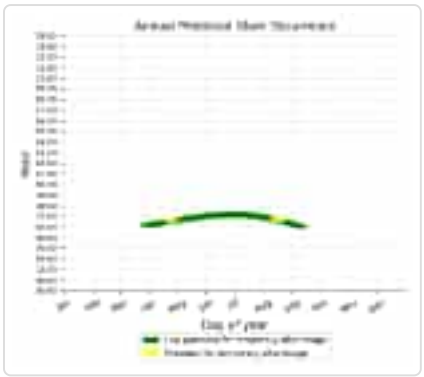


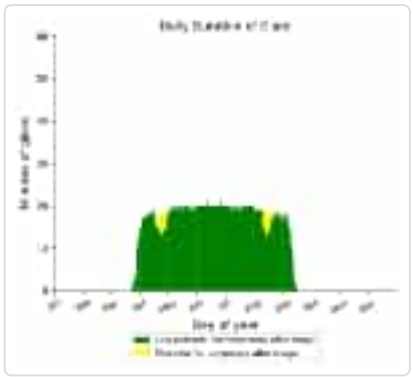


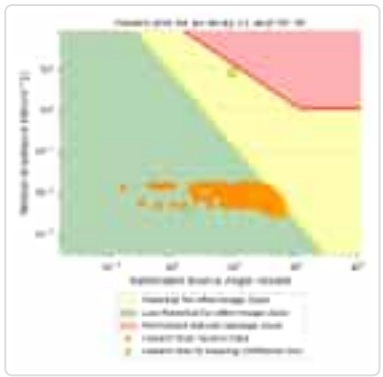
PV array 11: OP 48

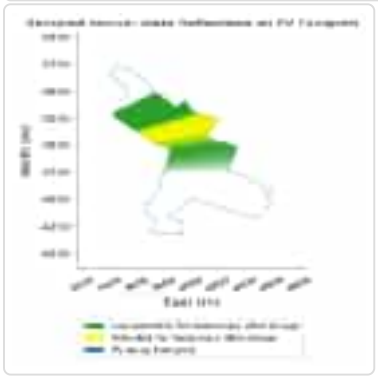
PV array is expected to produce the following glare for this receptor:

- 3,054 minutes of "green" glare with low potential to cause temporary after-image.
- 100 minutes of "yellow" glare with potential to cause temporary after-image.





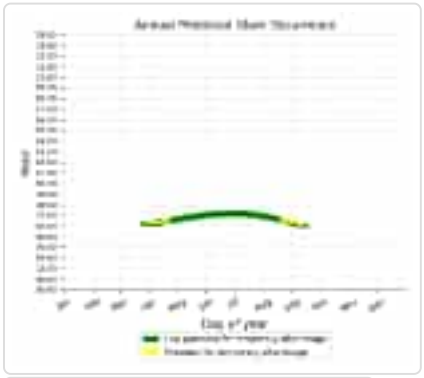


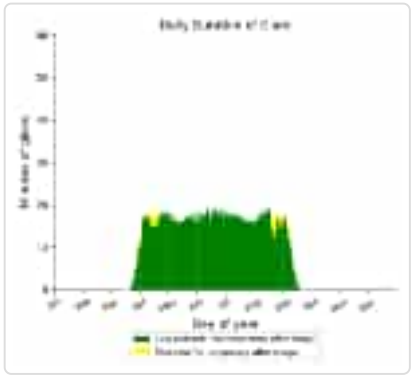


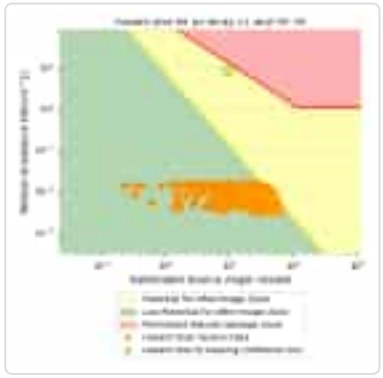
PV array 11: OP 49

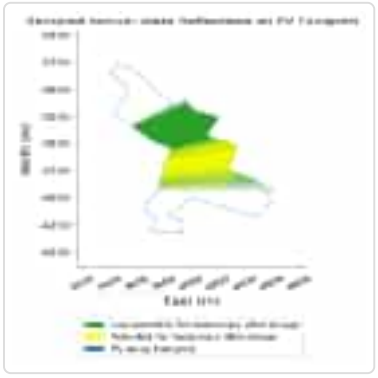
PV array is expected to produce the following glare for this receptor:

- 2,789 minutes of "green" glare with low potential to cause temporary after-image.
- 82 minutes of "yellow" glare with potential to cause temporary after-image.





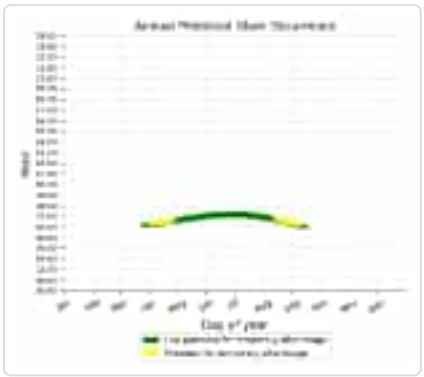


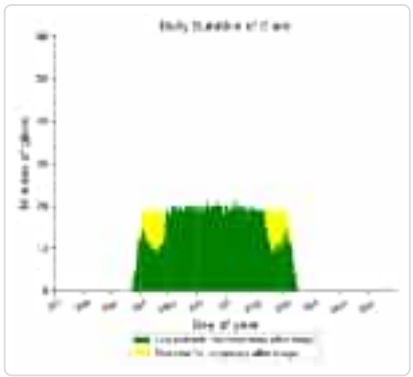


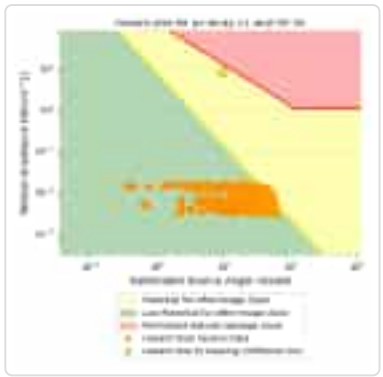
PV array 11: OP 50

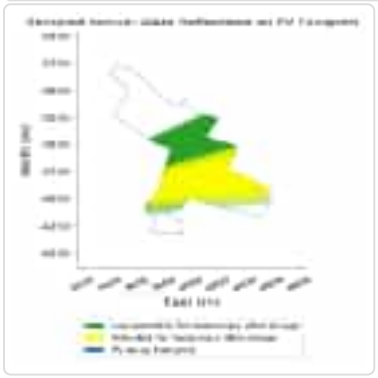
PV array is expected to produce the following glare for this receptor:

- 2,811 minutes of "green" glare with low potential to cause temporary after-image.
- 384 minutes of "yellow" glare with potential to cause temporary after-image.





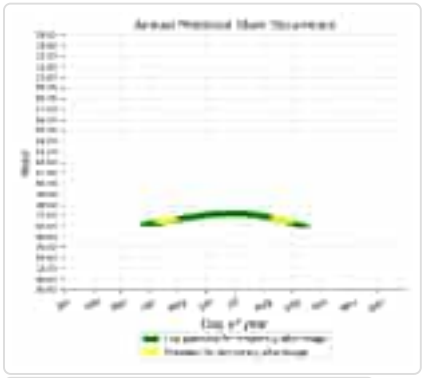


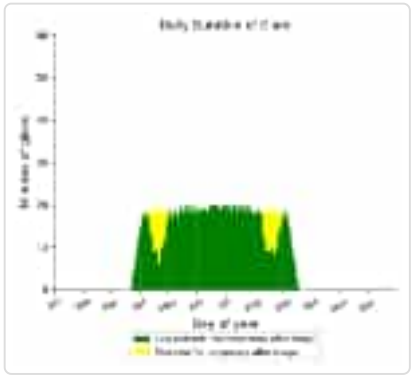


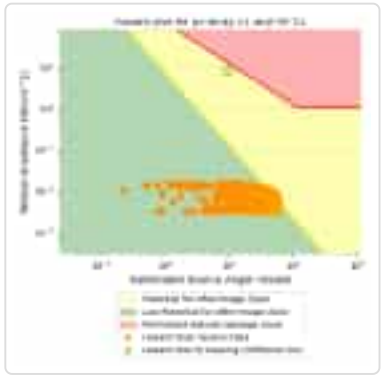
PV array 11: OP 51

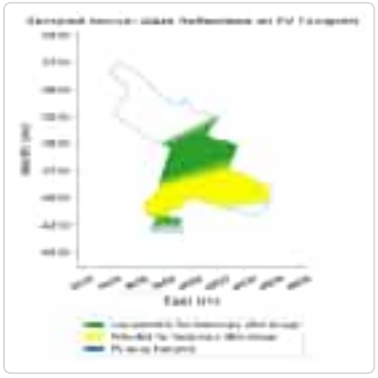
PV array is expected to produce the following glare for this receptor:

- 2,809 minutes of "green" glare with low potential to cause temporary after-image.
- 326 minutes of "yellow" glare with potential to cause temporary after-image.





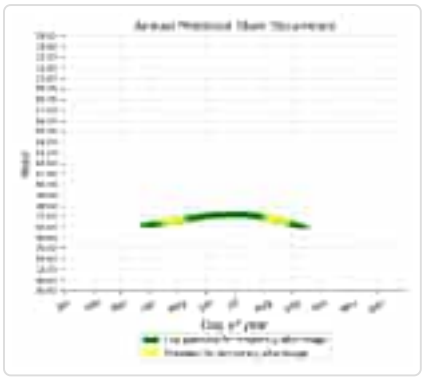


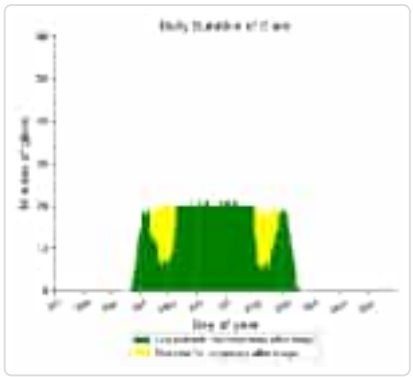


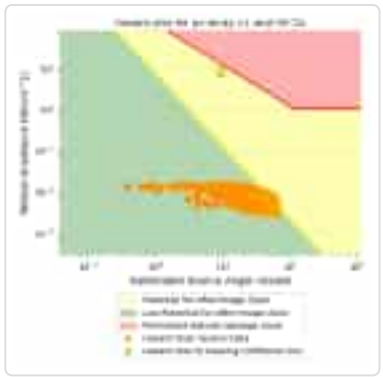
PV array 11: OP 52

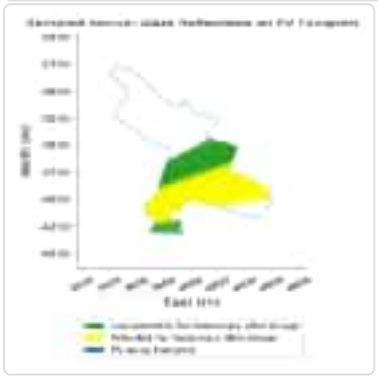
PV array is expected to produce the following glare for this receptor:

- 2,715 minutes of "green" glare with low potential to cause temporary after-image.
- 543 minutes of "yellow" glare with potential to cause temporary after-image.





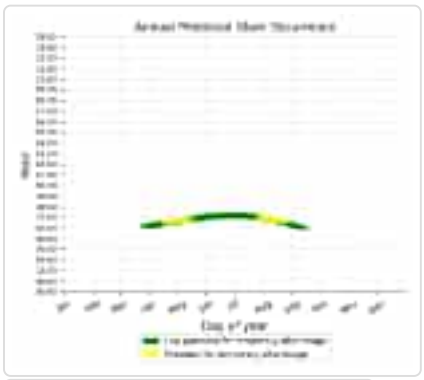


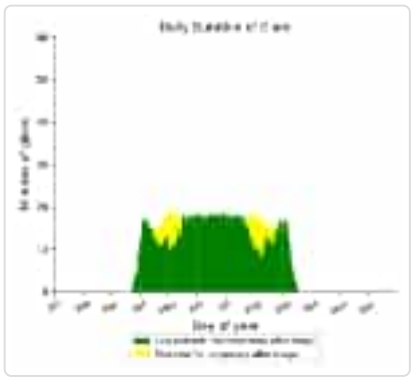


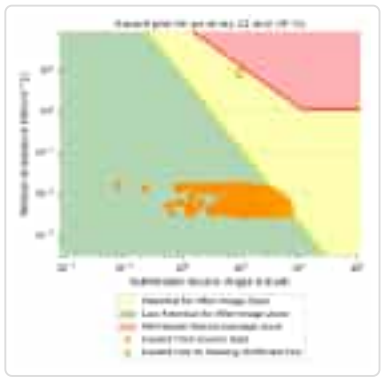
PV array 11: OP 53

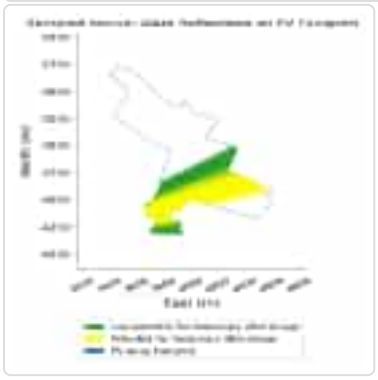
PV array is expected to produce the following glare for this receptor:

- 2,492 minutes of "green" glare with low potential to cause temporary after-image.
- 328 minutes of "yellow" glare with potential to cause temporary after-image.





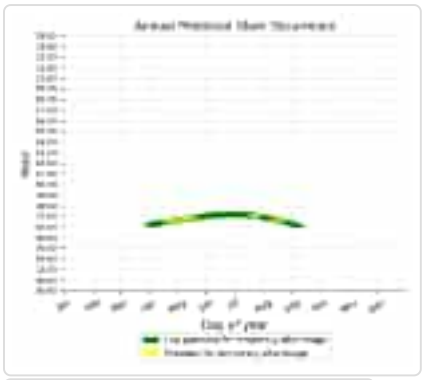


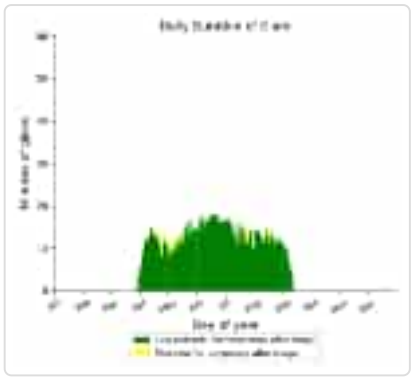


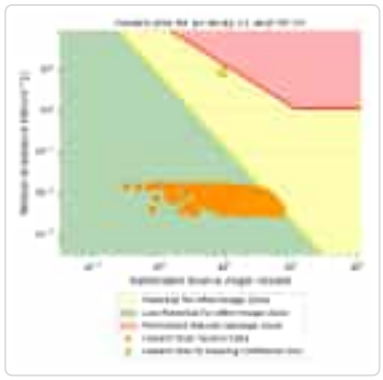
PV array 11: OP 54

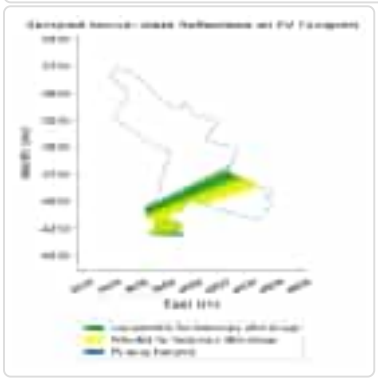
PV array is expected to produce the following glare for this receptor:

- 2,142 minutes of "green" glare with low potential to cause temporary after-image.
- 68 minutes of "yellow" glare with potential to cause temporary after-image.





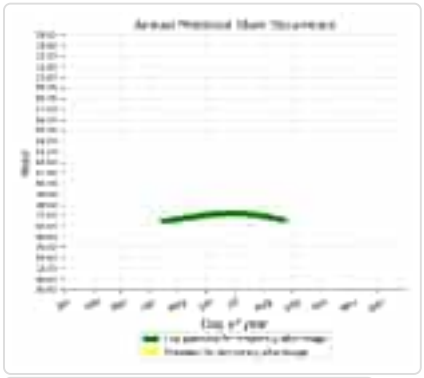


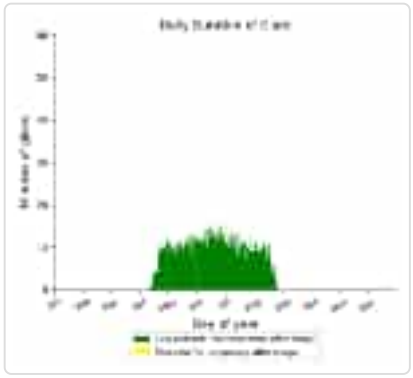


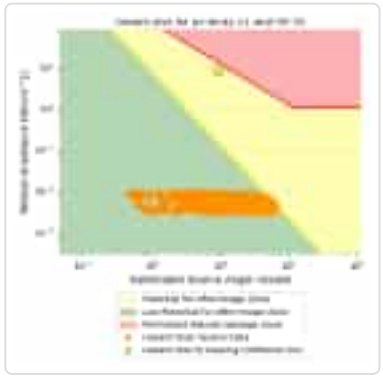
PV array 11: OP 55

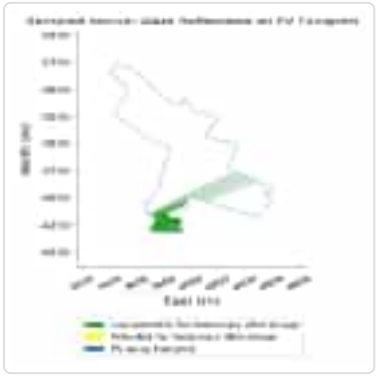
PV array is expected to produce the following glare for this receptor:

- 1,381 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 56

No glare found

PV array 11: OP 57

No glare found

PV array 11: OP 58

No glare found

PV array 11: OP 59

No glare found

PV array 11: OP 60

No glare found

PV array 11: OP 61

No glare found

PV array 11: OP 62

No glare found

PV array 11: OP 63

No glare found

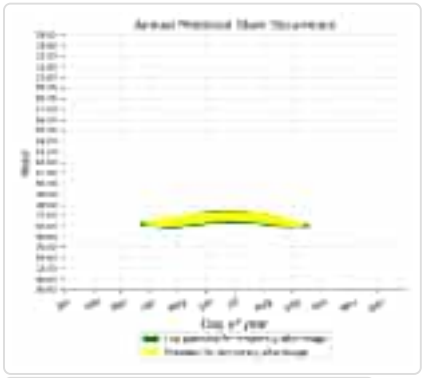
PV array 11: OP 64

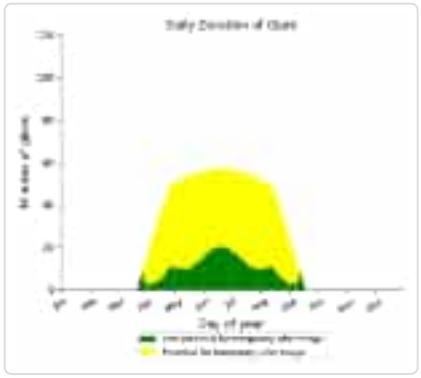
No glare found

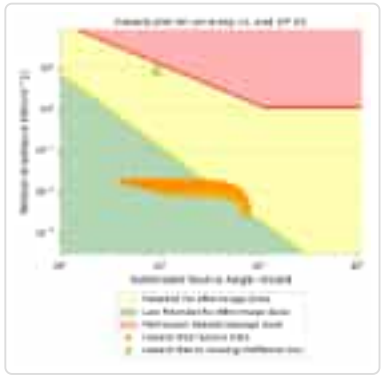
PV array 11: OP 65

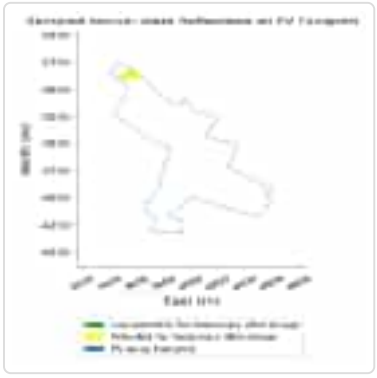
PV array is expected to produce the following glare for this receptor:

- 1,805 minutes of "green" glare with low potential to cause temporary after-image.
- 5,864 minutes of "yellow" glare with potential to cause temporary after-image.





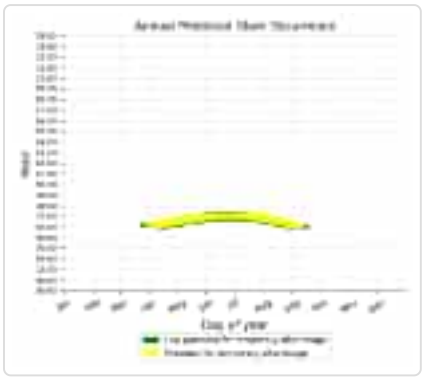


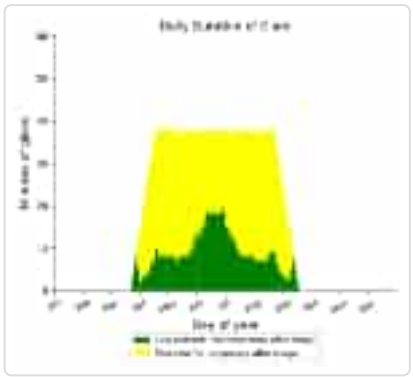


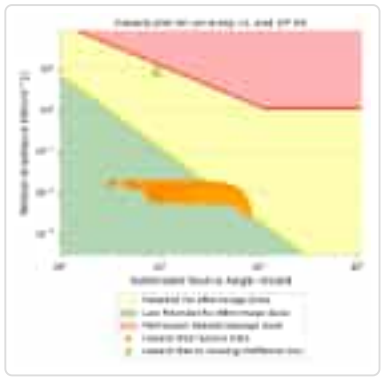
PV array 11: OP 66

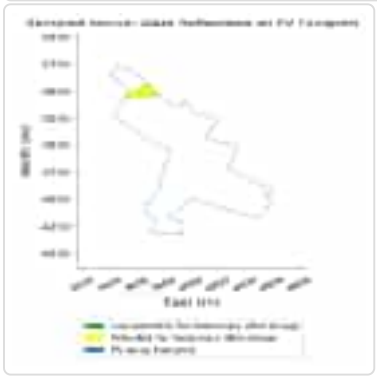
PV array is expected to produce the following glare for this receptor:

- 1,604 minutes of "green" glare with low potential to cause temporary after-image.
- 4,198 minutes of "yellow" glare with potential to cause temporary after-image.





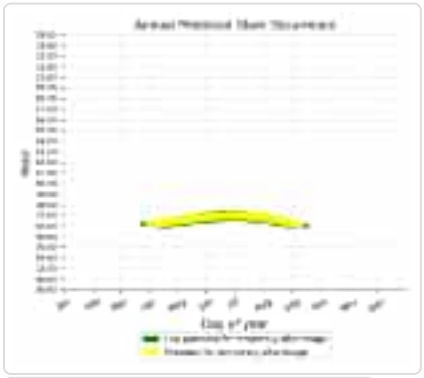


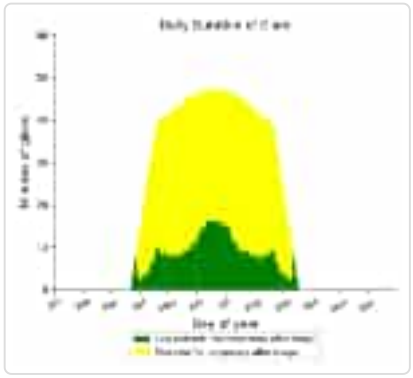


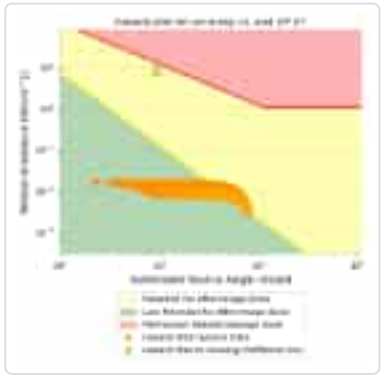
PV array 11: OP 67

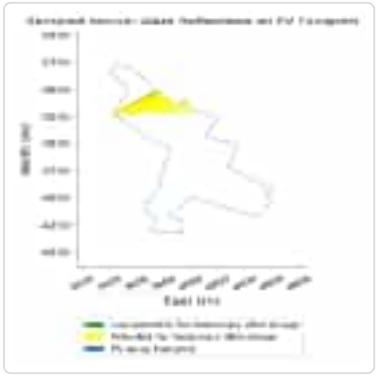
PV array is expected to produce the following glare for this receptor:

- 1,573 minutes of "green" glare with low potential to cause temporary after-image.
- 5,010 minutes of "yellow" glare with potential to cause temporary after-image.





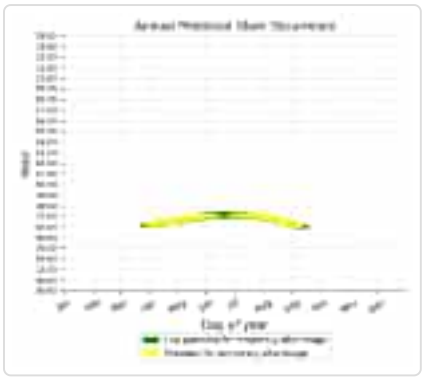


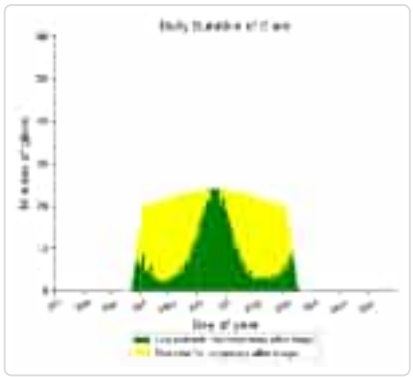


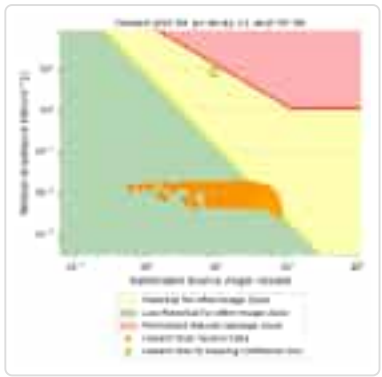
PV array 11: OP 68

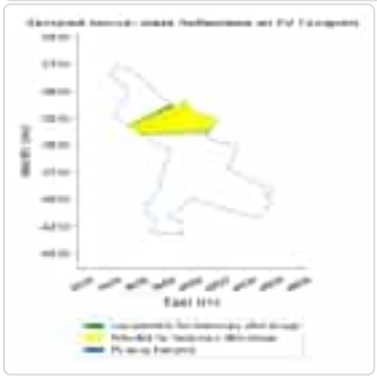
PV array is expected to produce the following glare for this receptor:

- 1,465 minutes of "green" glare with low potential to cause temporary after-image.
- 2,186 minutes of "yellow" glare with potential to cause temporary after-image.





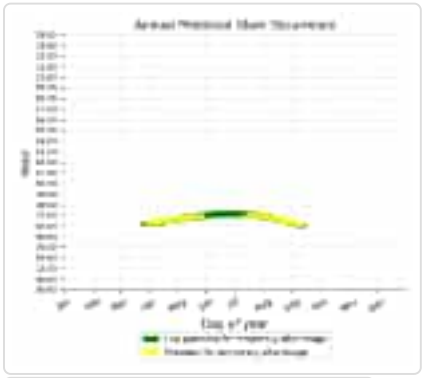


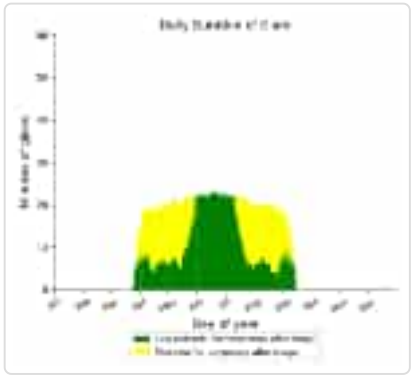


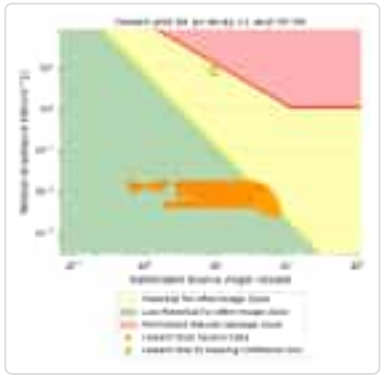
PV array 11: OP 69

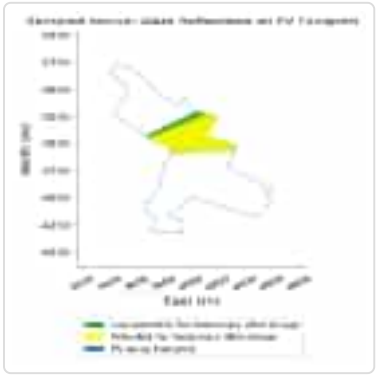
PV array is expected to produce the following glare for this receptor:

- 1,910 minutes of "green" glare with low potential to cause temporary after-image.
- 1,493 minutes of "yellow" glare with potential to cause temporary after-image.





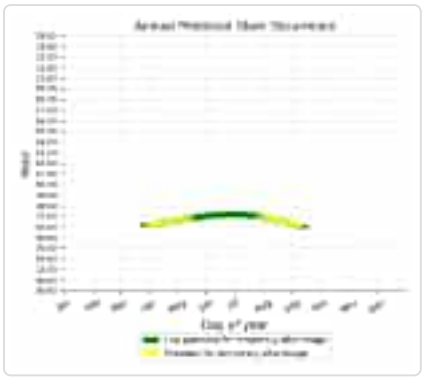


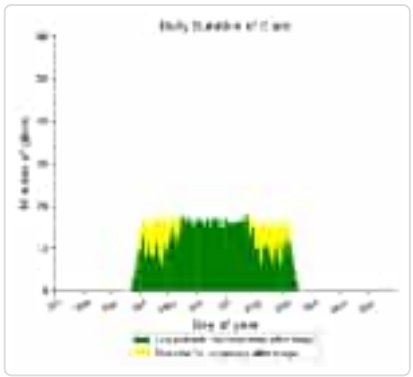


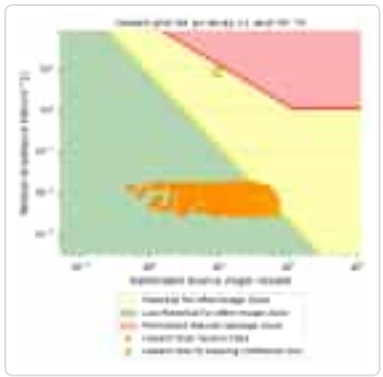
PV array 11: OP 70

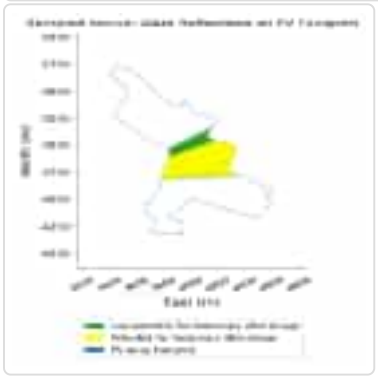
PV array is expected to produce the following glare for this receptor:

- 2,180 minutes of "green" glare with low potential to cause temporary after-image.
- 538 minutes of "yellow" glare with potential to cause temporary after-image.





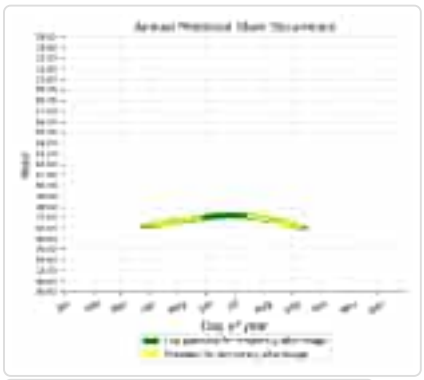


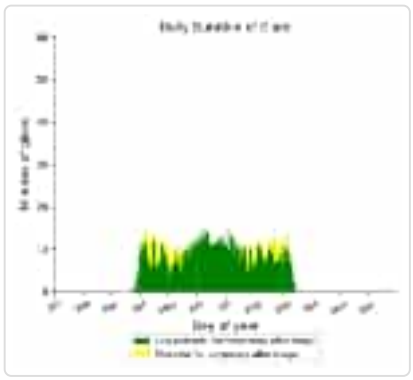


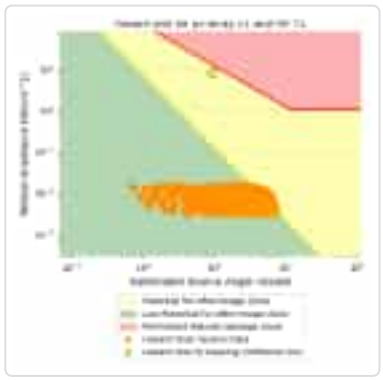
PV array 11: OP 71

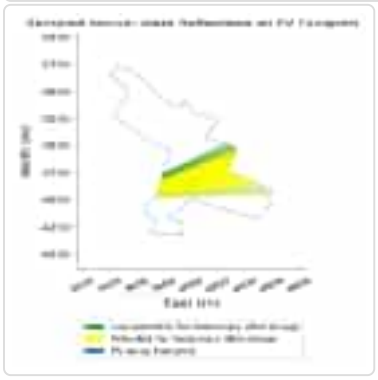
PV array is expected to produce the following glare for this receptor:

- 1,567 minutes of "green" glare with low potential to cause temporary after-image.
- 264 minutes of "yellow" glare with potential to cause temporary after-image.





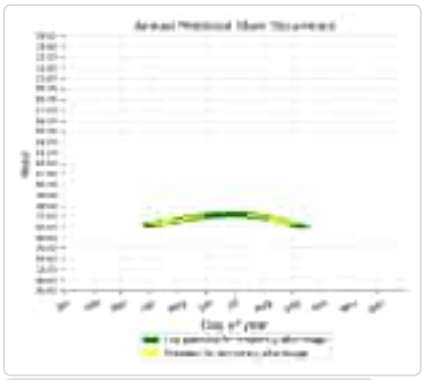


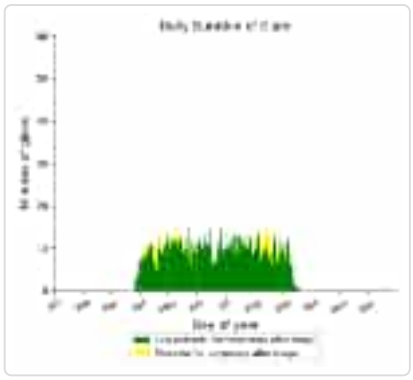


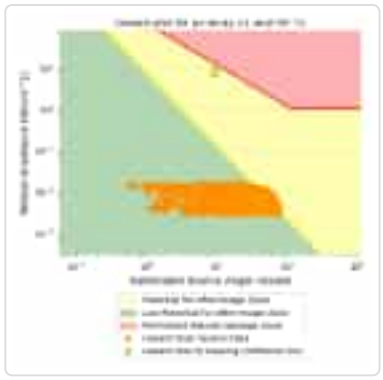
PV array 11: OP 72

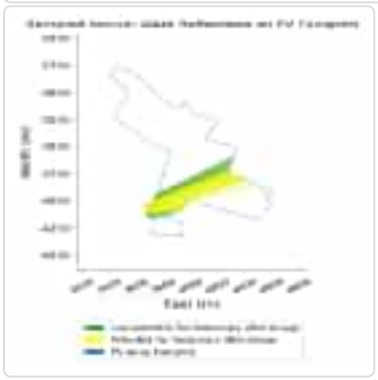
PV array is expected to produce the following glare for this receptor:

- 1,648 minutes of "green" glare with low potential to cause temporary after-image.
- 155 minutes of "yellow" glare with potential to cause temporary after-image.





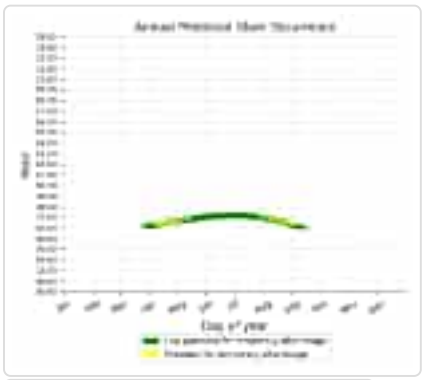


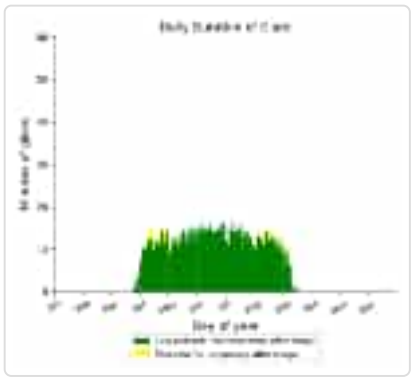


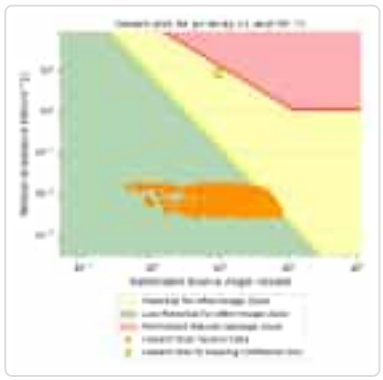
PV array 11: OP 73

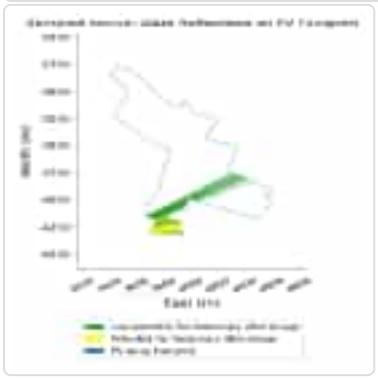
PV array is expected to produce the following glare for this receptor:

- 2,063 minutes of "green" glare with low potential to cause temporary after-image.
- 71 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0

OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	37	0
OP: OP 51	325	0
OP: OP 52	492	0
OP: OP 53	598	0
OP: OP 54	744	0
OP: OP 55	1131	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	125	0
OP: OP 73	787	0

PV array 12: OP 1

No glare found

PV array 12: OP 2

No glare found

PV array 12: OP 3

No glare found

PV array 12: OP 4

No glare found

PV array 12: OP 5

No glare found

PV array 12: OP 6

No glare found

PV array 12: OP 7

No glare found

PV array 12: OP 8

No glare found

PV array 12: OP 9

No glare found

PV array 12: OP 10

No glare found

PV array 12: OP 11

No glare found

PV array 12: OP 12

No glare found

PV array 12: OP 13

No glare found

PV array 12: OP 14

No glare found

PV array 12: OP 15

No glare found

PV array 12: OP 16

No glare found

PV array 12: OP 17

No glare found

PV array 12: OP 18

No glare found

PV array 12: OP 19

No glare found

PV array 12: OP 20

No glare found

PV array 12: OP 21

No glare found

PV array 12: OP 22

No glare found

PV array 12: OP 23

No glare found

PV array 12: OP 24

No glare found

PV array 12: OP 25

No glare found

PV array 12: OP 26

No glare found

PV array 12: OP 27

No glare found

PV array 12: OP 28

No glare found

PV array 12: OP 29

No glare found

PV array 12: OP 30

No glare found

PV array 12: OP 31

No glare found

PV array 12: OP 32

No glare found

PV array 12: OP 33

No glare found

PV array 12: OP 34

No glare found

PV array 12: OP 35

No glare found

PV array 12: OP 36

No glare found

PV array 12: OP 37

No glare found

PV array 12: OP 38

No glare found

PV array 12: OP 39

No glare found

PV array 12: OP 40

No glare found

PV array 12: OP 41

No glare found

PV array 12: OP 42

No glare found

PV array 12: OP 43

No glare found

PV array 12: OP 44

No glare found

PV array 12: OP 45

No glare found

PV array 12: OP 46

No glare found

PV array 12: OP 47

No glare found

PV array 12: OP 48

No glare found

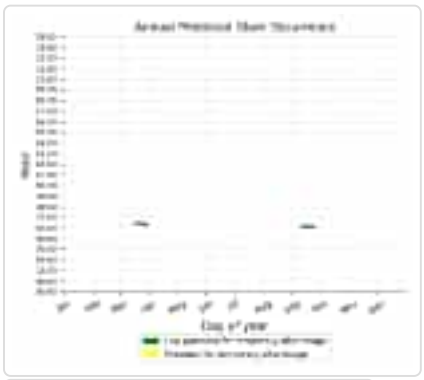
PV array 12: OP 49

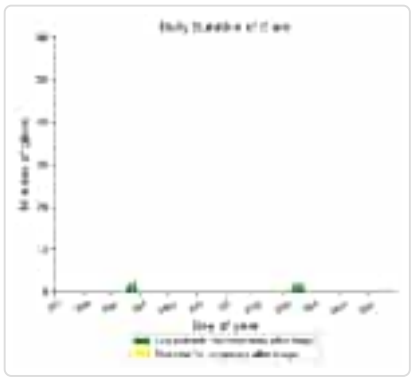
No glare found

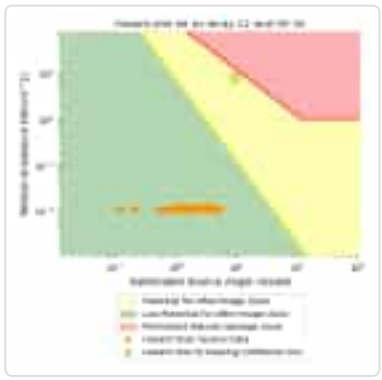
PV array 12: OP 50

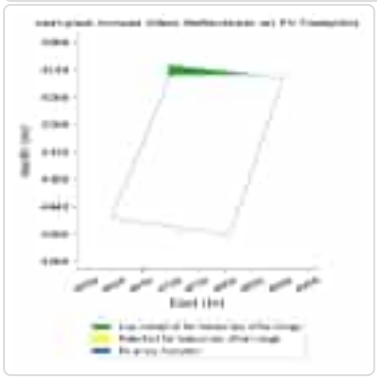
PV array is expected to produce the following glare for this receptor:

- 37 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





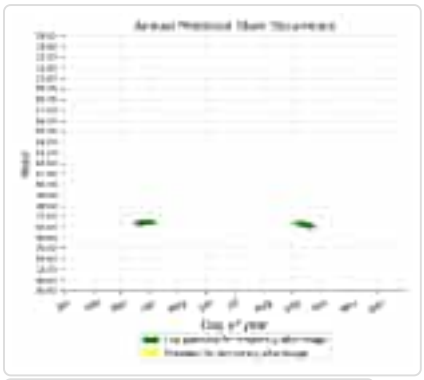


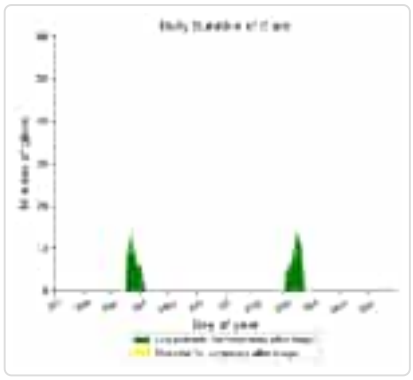


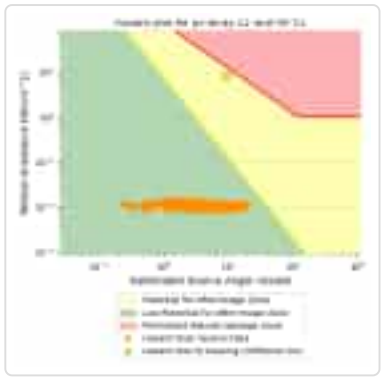
PV array 12: OP 51

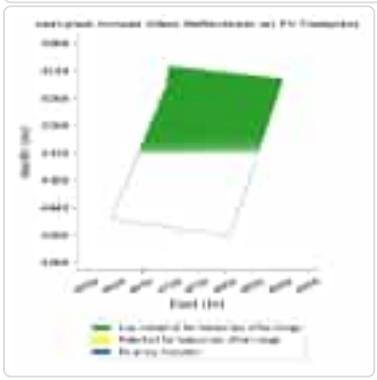
PV array is expected to produce the following glare for this receptor:

- 325 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





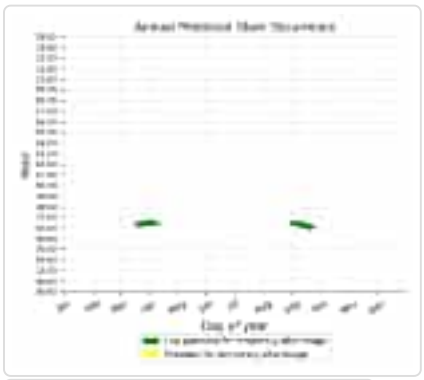


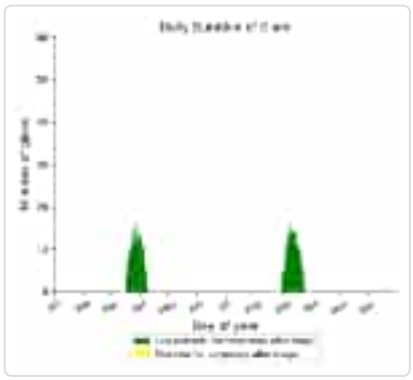


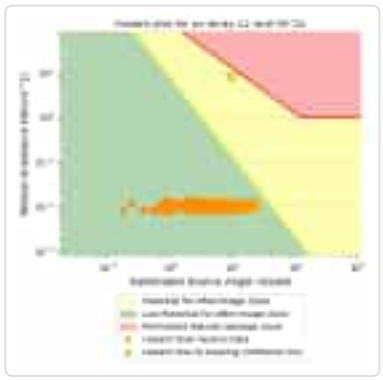
PV array 12: OP 52

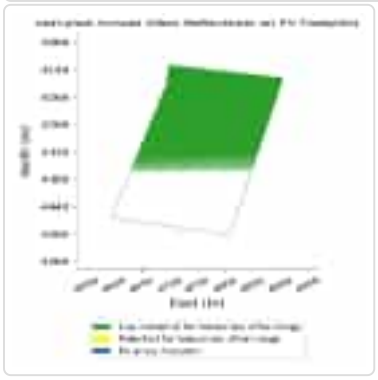
PV array is expected to produce the following glare for this receptor:

- 492 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





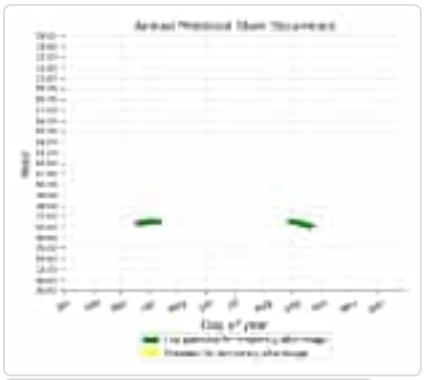


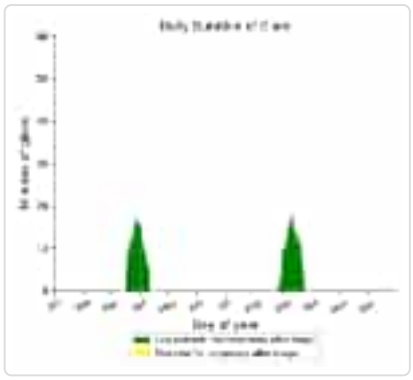


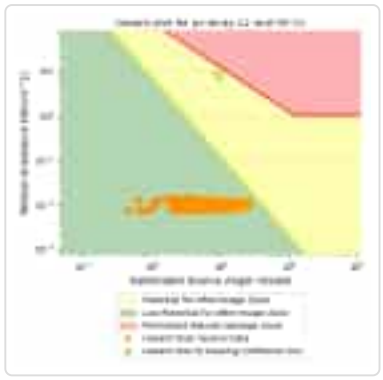
PV array 12: OP 53

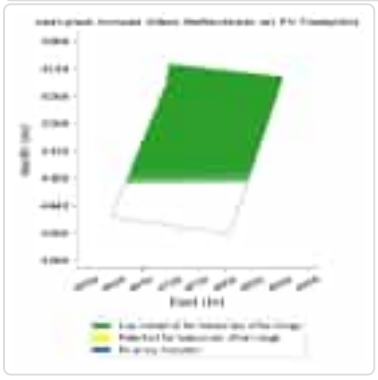
PV array is expected to produce the following glare for this receptor:

- 598 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





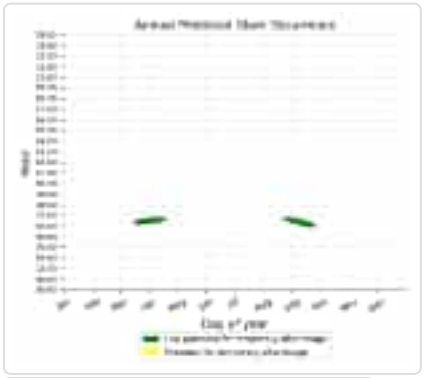


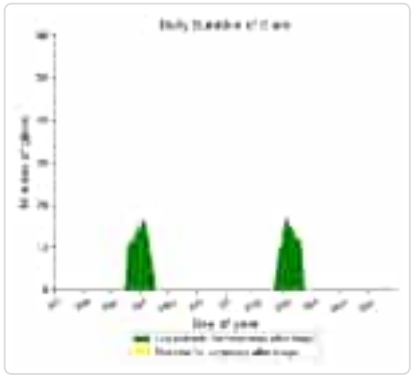


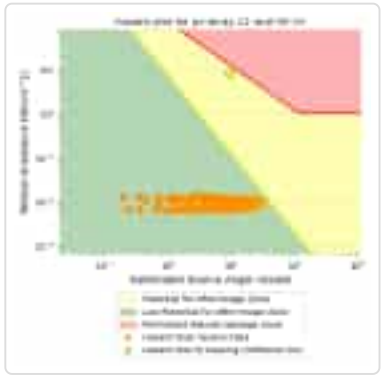
PV array 12: OP 54

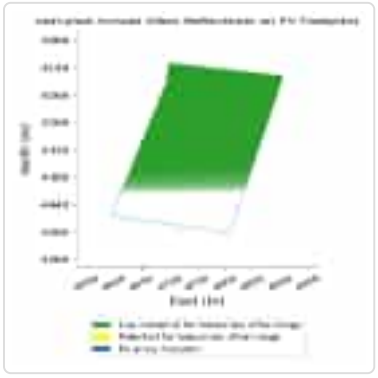
PV array is expected to produce the following glare for this receptor:

- 744 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





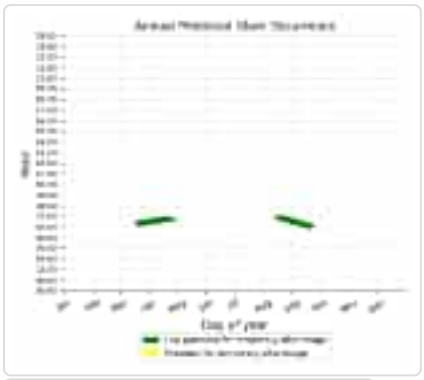


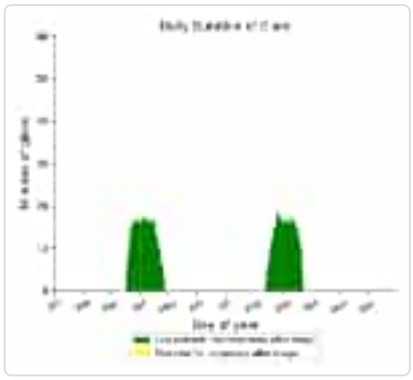


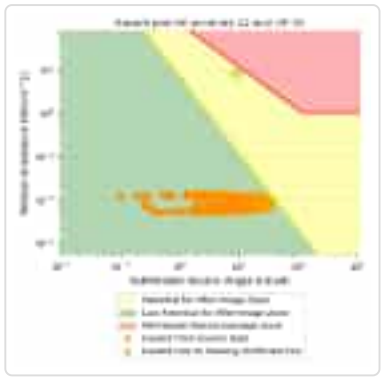
PV array 12: OP 55

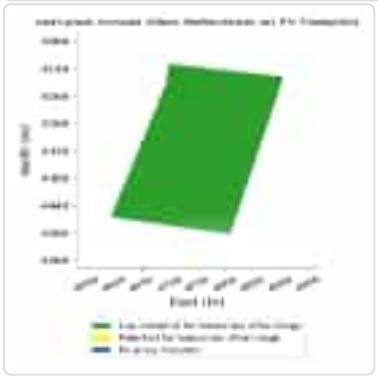
PV array is expected to produce the following glare for this receptor:

- 1,131 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12: OP 56

No glare found

PV array 12: OP 57

No glare found

PV array 12: OP 58

No glare found

PV array 12: OP 59

No glare found

PV array 12: OP 60

No glare found

PV array 12: OP 61

No glare found

PV array 12: OP 62

No glare found

PV array 12: OP 63

No glare found

PV array 12: OP 64

No glare found

PV array 12: OP 65

No glare found

PV array 12: OP 66

No glare found

PV array 12: OP 67

No glare found

PV array 12: OP 68

No glare found

PV array 12: OP 69

No glare found

PV array 12: OP 70

No glare found

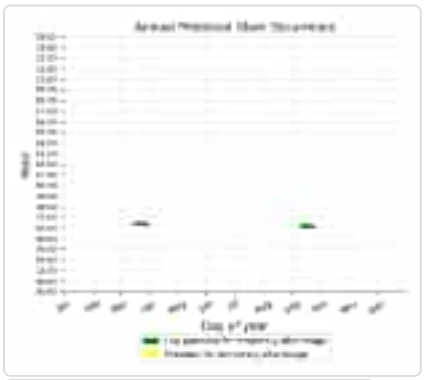
PV array 12: OP 71

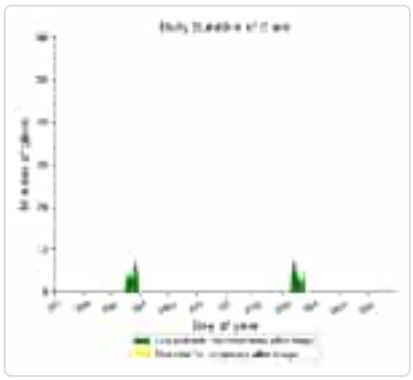
No glare found

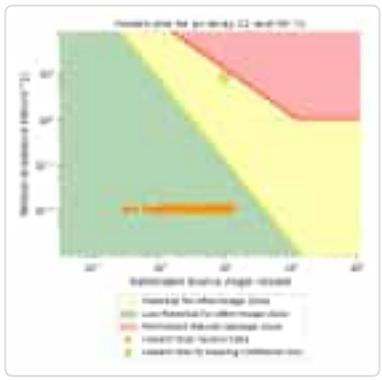
PV array 12: OP 72

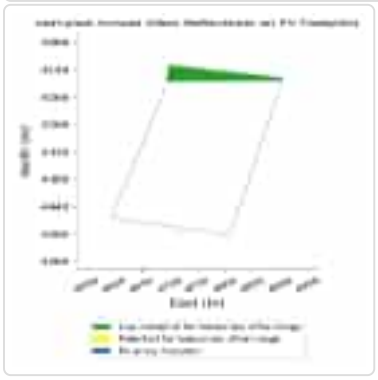
PV array is expected to produce the following glare for this receptor:

- 125 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





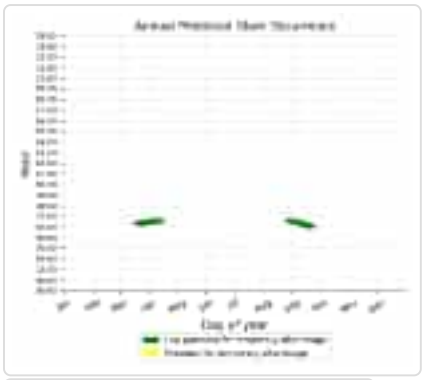


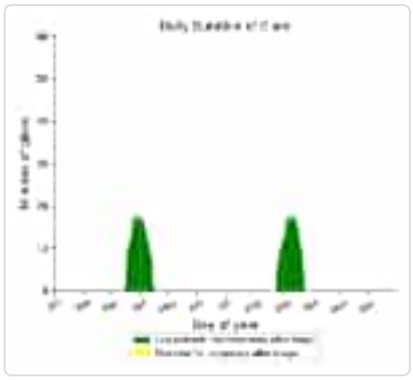


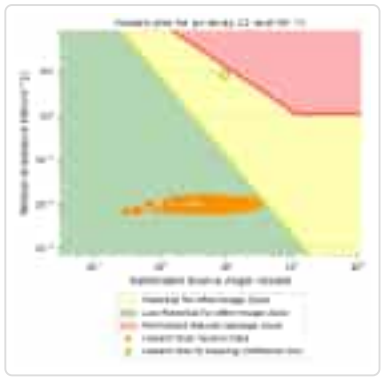
PV array 12: OP 73

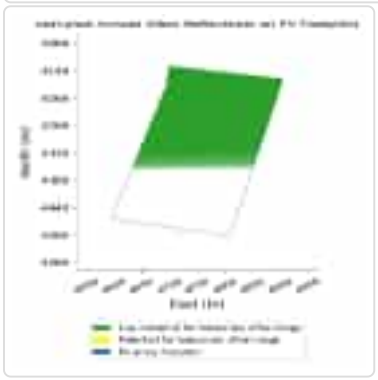
PV array is expected to produce the following glare for this receptor:

- 787 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 13 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)

OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	26	0
OP: OP 51	266	10
OP: OP 52	398	13
OP: OP 53	433	4
OP: OP 54	557	0

OP: OP 55	990	51
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	55	0
OP: OP 73	400	0

PV array 13: OP 1

No glare found

PV array 13: OP 2

No glare found

PV array 13: OP 3

No glare found

PV array 13: OP 4

No glare found

PV array 13: OP 5

No glare found

PV array 13: OP 6

No glare found

PV array 13: OP 7

No glare found

PV array 13: OP 8

No glare found

PV array 13: OP 9

No glare found

PV array 13: OP 10

No glare found

PV array 13: OP 11

No glare found

PV array 13: OP 12

No glare found

PV array 13: OP 13

No glare found

PV array 13: OP 14

No glare found

PV array 13: OP 15

No glare found

PV array 13: OP 16

No glare found

PV array 13: OP 17

No glare found

PV array 13: OP 18

No glare found

PV array 13: OP 19

No glare found

PV array 13: OP 20

No glare found

PV array 13: OP 21

No glare found

PV array 13: OP 22

No glare found

PV array 13: OP 23

No glare found

PV array 13: OP 24

No glare found

PV array 13: OP 25

No glare found

PV array 13: OP 26

No glare found

PV array 13: OP 27

No glare found

PV array 13: OP 28

No glare found

PV array 13: OP 29

No glare found

PV array 13: OP 30

No glare found

PV array 13: OP 31

No glare found

PV array 13: OP 32

No glare found

PV array 13: OP 33

No glare found

PV array 13: OP 34

No glare found

PV array 13: OP 35

No glare found

PV array 13: OP 36

No glare found

PV array 13: OP 37

No glare found

PV array 13: OP 38

No glare found

PV array 13: OP 39

No glare found

PV array 13: OP 40

No glare found

PV array 13: OP 41

No glare found

PV array 13: OP 42

No glare found

PV array 13: OP 43

No glare found

PV array 13: OP 44

No glare found

PV array 13: OP 45

No glare found

PV array 13: OP 46

No glare found

PV array 13: OP 47

No glare found

PV array 13: OP 48

No glare found

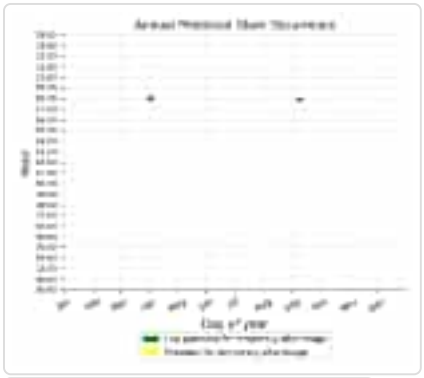
PV array 13: OP 49

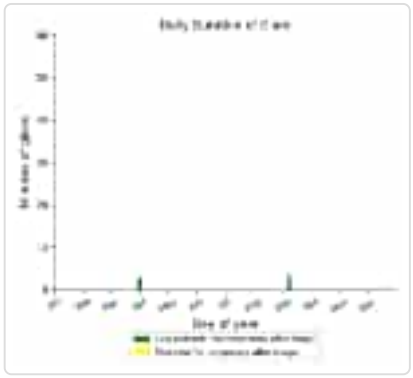
No glare found

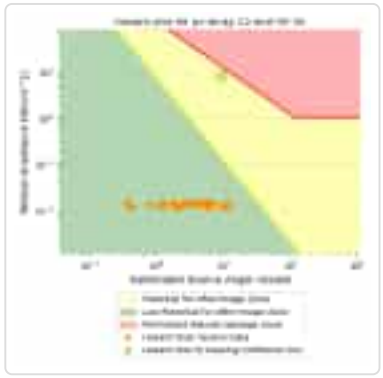
PV array 13: OP 50

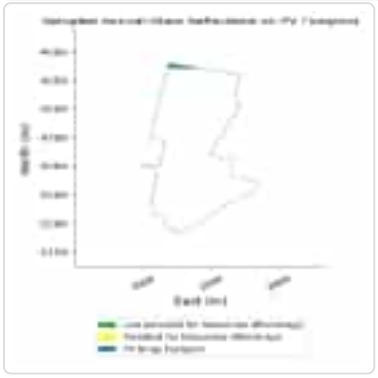
PV array is expected to produce the following glare for this receptor:

- 26 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





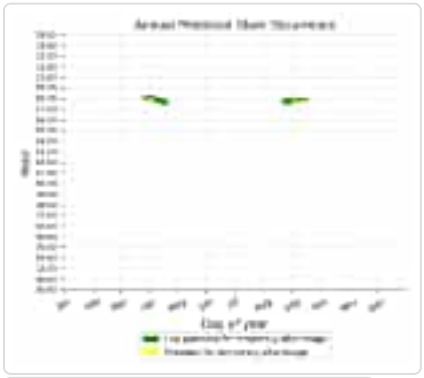


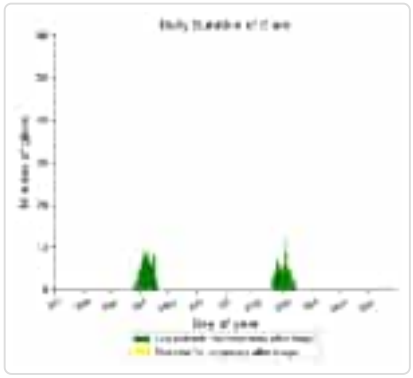


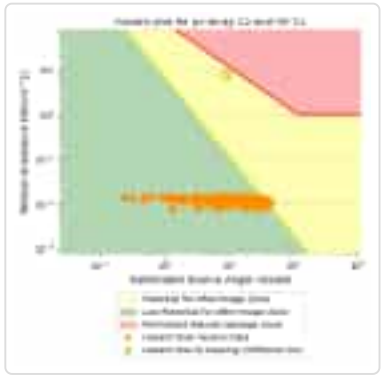
PV array 13: OP 51

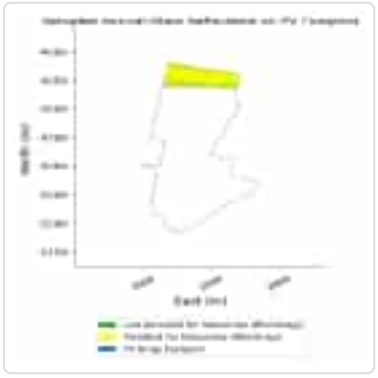
PV array is expected to produce the following glare for this receptor:

- 266 minutes of "green" glare with low potential to cause temporary after-image.
- 10 minutes of "yellow" glare with potential to cause temporary after-image.





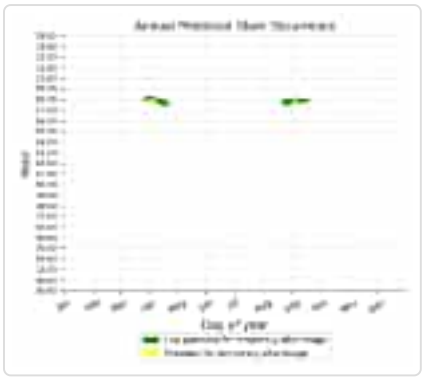


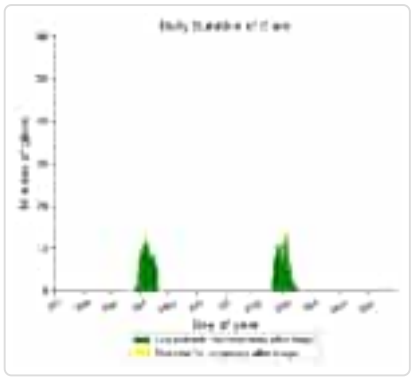


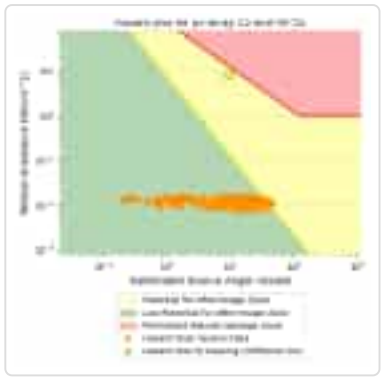
PV array 13: OP 52

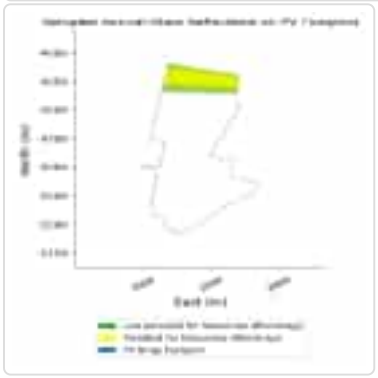
PV array is expected to produce the following glare for this receptor:

- 398 minutes of "green" glare with low potential to cause temporary after-image.
- 13 minutes of "yellow" glare with potential to cause temporary after-image.





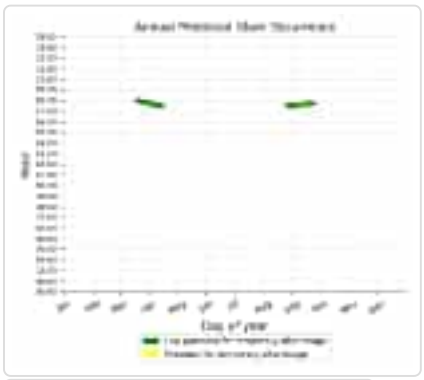


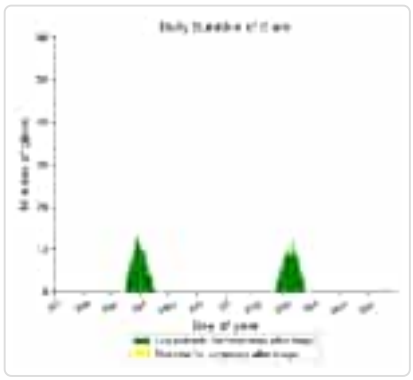


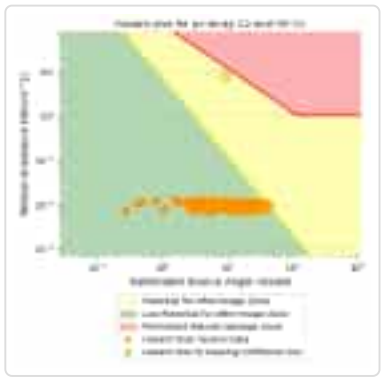
PV array 13: OP 53

PV array is expected to produce the following glare for this receptor:

- 433 minutes of "green" glare with low potential to cause temporary after-image.
- 4 minutes of "yellow" glare with potential to cause temporary after-image.



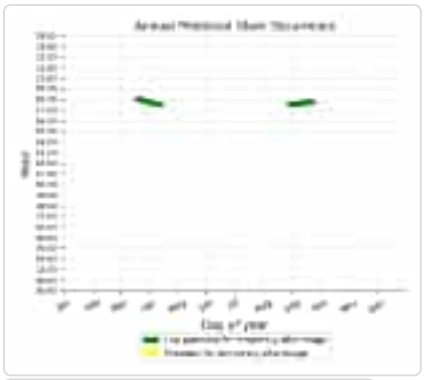


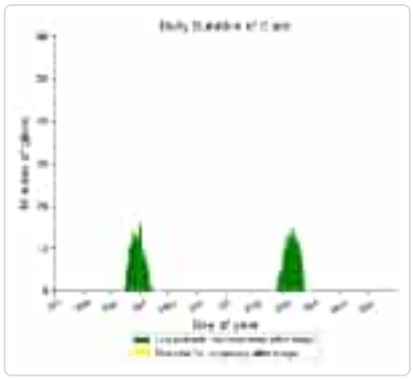


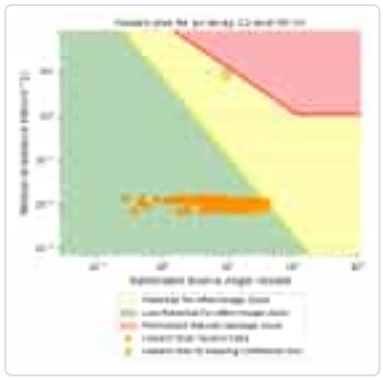
PV array 13: OP 54

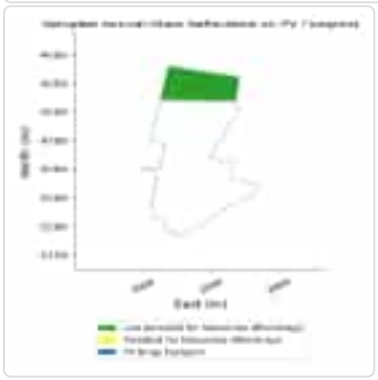
PV array is expected to produce the following glare for this receptor:

- 557 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





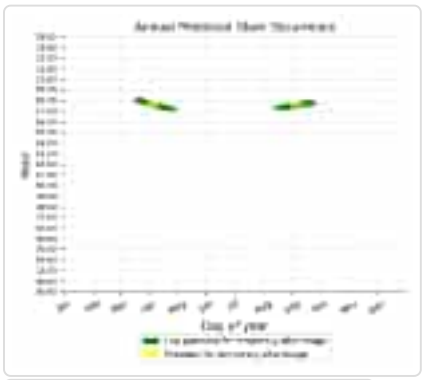


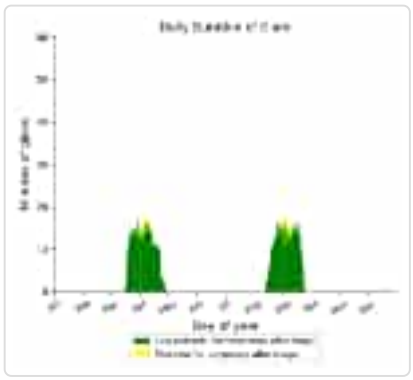


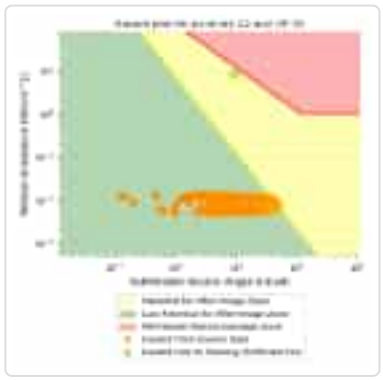
PV array 13: OP 55

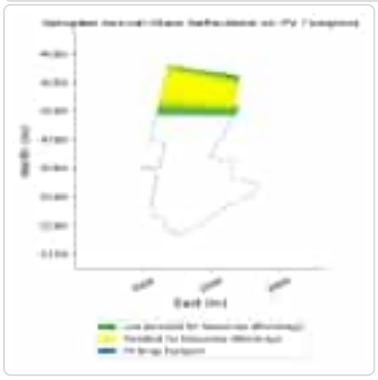
PV array is expected to produce the following glare for this receptor:

- 990 minutes of "green" glare with low potential to cause temporary after-image.
- 51 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 13: OP 56

No glare found

PV array 13: OP 57

No glare found

PV array 13: OP 58

No glare found

PV array 13: OP 59

No glare found

PV array 13: OP 60

No glare found

PV array 13: OP 61

No glare found

PV array 13: OP 62

No glare found

PV array 13: OP 63

No glare found

PV array 13: OP 64

No glare found

PV array 13: OP 65

No glare found

PV array 13: OP 66

No glare found

PV array 13: OP 67

No glare found

PV array 13: OP 68

No glare found

PV array 13: OP 69

No glare found

PV array 13: OP 70

No glare found

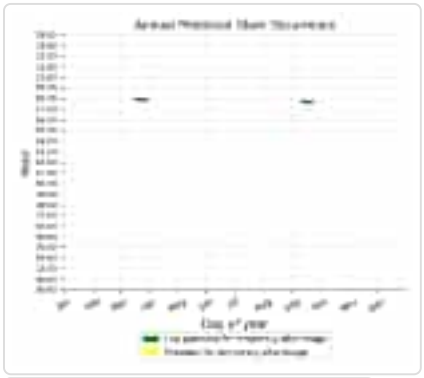
PV array 13: OP 71

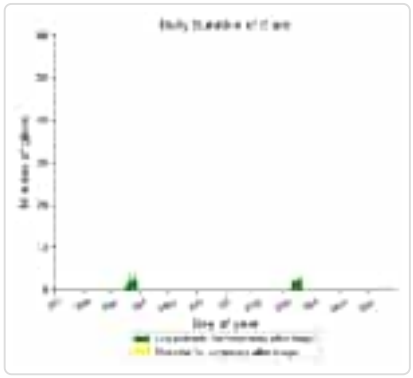
No glare found

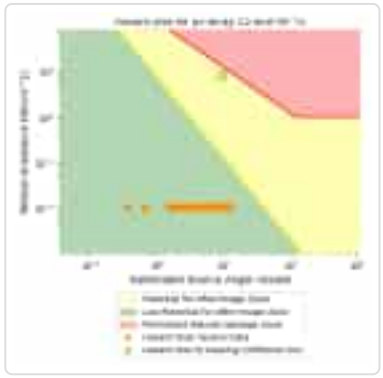
PV array 13: OP 72

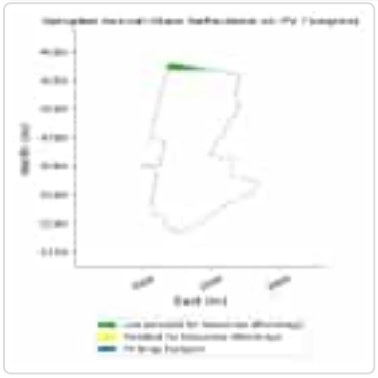
PV array is expected to produce the following glare for this receptor:

- 55 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





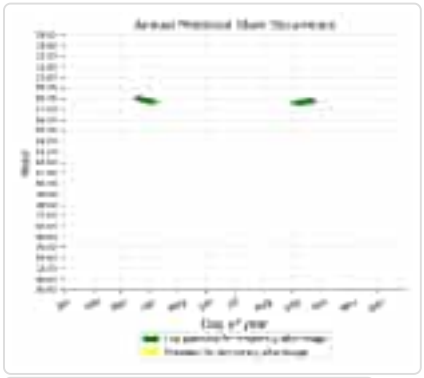


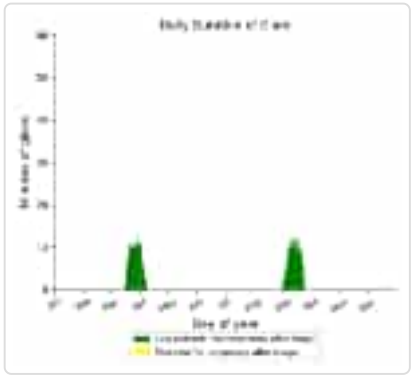


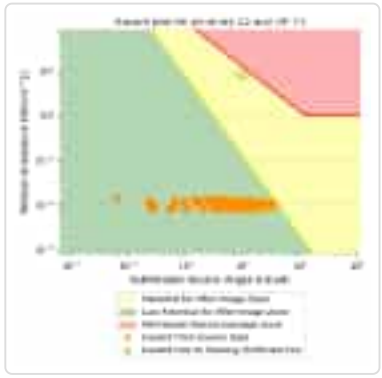
PV array 13: OP 73

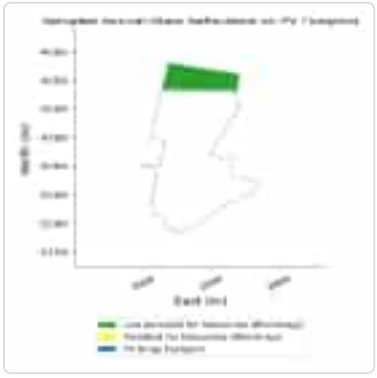
PV array is expected to produce the following glare for this receptor:

- 400 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0

OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	93	0
OP: OP 50	1624	2822
OP: OP 51	2186	1015
OP: OP 52	3094	211
OP: OP 53	0	0
OP: OP 54	45	0
OP: OP 55	1764	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	97	0
OP: OP 72	631	29
OP: OP 73	18	0

PV array 14: OP 1

No glare found

PV array 14: OP 2

No glare found

PV array 14: OP 3

No glare found

PV array 14: OP 4

No glare found

PV array 14: OP 5

No glare found

PV array 14: OP 6

No glare found

PV array 14: OP 7

No glare found

PV array 14: OP 8

No glare found

PV array 14: OP 9

No glare found

PV array 14: OP 10

No glare found

PV array 14: OP 11

No glare found

PV array 14: OP 12

No glare found

PV array 14: OP 13

No glare found

PV array 14: OP 14

No glare found

PV array 14: OP 15

No glare found

PV array 14: OP 16

No glare found

PV array 14: OP 17

No glare found

PV array 14: OP 18

No glare found

PV array 14: OP 19

No glare found

PV array 14: OP 20

No glare found

PV array 14: OP 21

No glare found

PV array 14: OP 22

No glare found

PV array 14: OP 23

No glare found

PV array 14: OP 24

No glare found

PV array 14: OP 25

No glare found

PV array 14: OP 26

No glare found

PV array 14: OP 27

No glare found

PV array 14: OP 28

No glare found

PV array 14: OP 29

No glare found

PV array 14: OP 30

No glare found

PV array 14: OP 31

No glare found

PV array 14: OP 32

No glare found

PV array 14: OP 33

No glare found

PV array 14: OP 34

No glare found

PV array 14: OP 35

No glare found

PV array 14: OP 36

No glare found

PV array 14: OP 37

No glare found

PV array 14: OP 38

No glare found

PV array 14: OP 39

No glare found

PV array 14: OP 40

No glare found

PV array 14: OP 41

No glare found

PV array 14: OP 42

No glare found

PV array 14: OP 43

No glare found

PV array 14: OP 44

No glare found

PV array 14: OP 45

No glare found

PV array 14: OP 46

No glare found

PV array 14: OP 47

No glare found

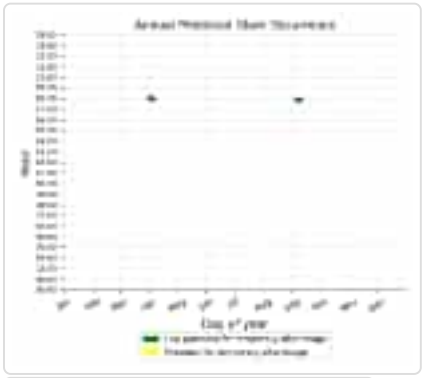
PV array 14: OP 48

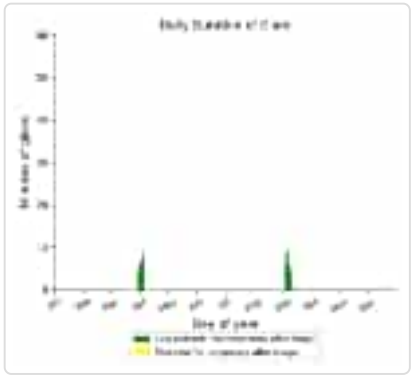
No glare found

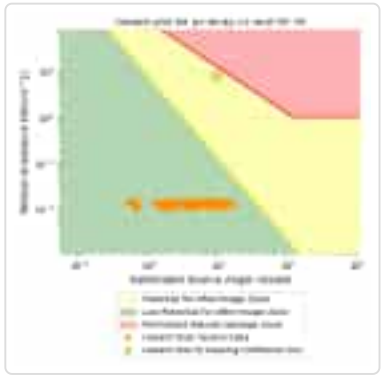
PV array 14: OP 49

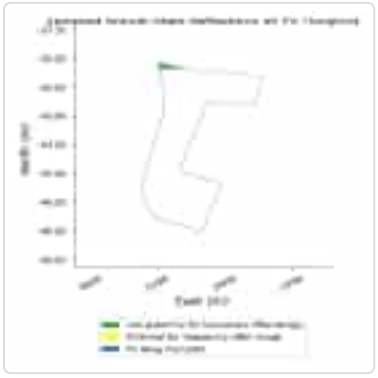
PV array is expected to produce the following glare for this receptor:

- 93 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





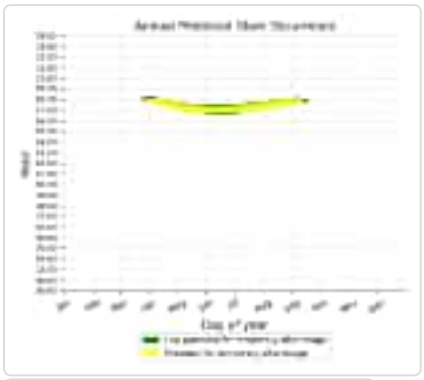


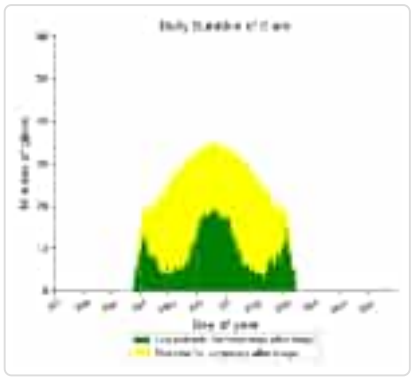


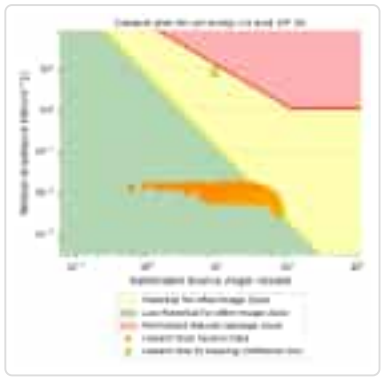
PV array 14: OP 50

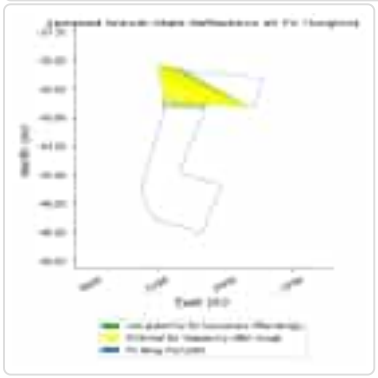
PV array is expected to produce the following glare for this receptor:

- 1,624 minutes of "green" glare with low potential to cause temporary after-image.
- 2,822 minutes of "yellow" glare with potential to cause temporary after-image.





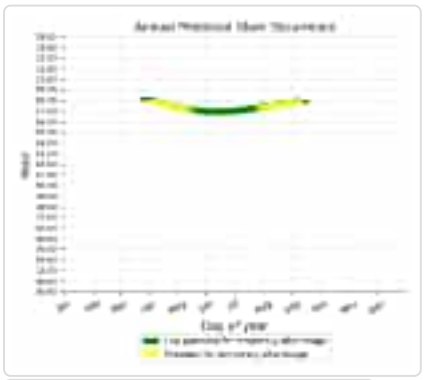


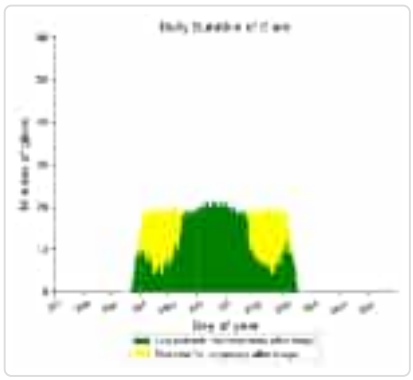


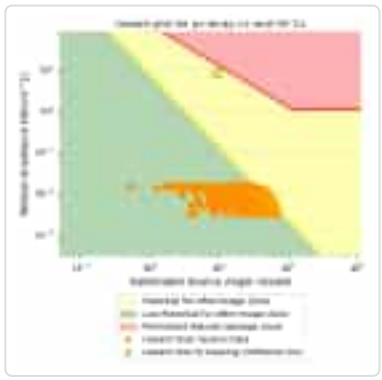
PV array 14: OP 51

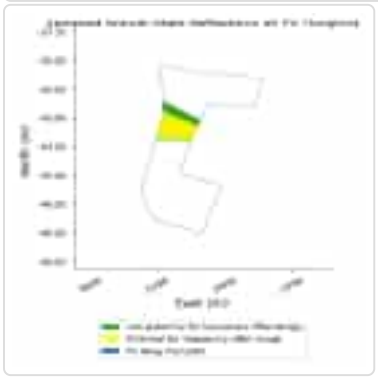
PV array is expected to produce the following glare for this receptor:

- 2,186 minutes of "green" glare with low potential to cause temporary after-image.
- 1,015 minutes of "yellow" glare with potential to cause temporary after-image.





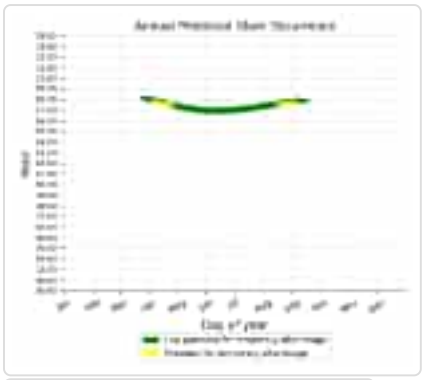


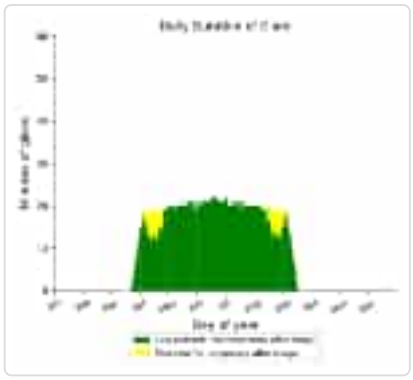


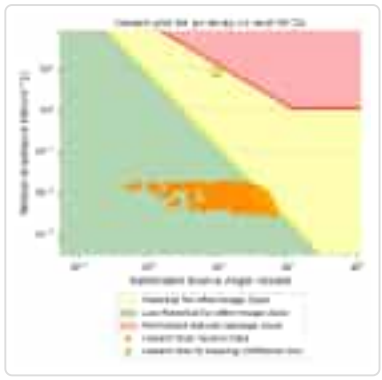
PV array 14: OP 52

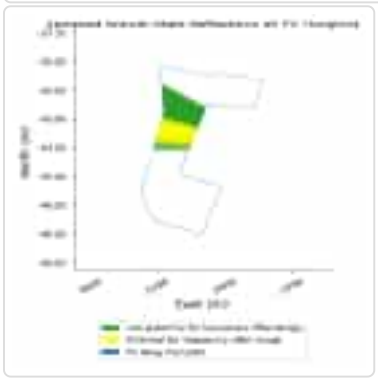
PV array is expected to produce the following glare for this receptor:

- 3,094 minutes of "green" glare with low potential to cause temporary after-image.
- 211 minutes of "yellow" glare with potential to cause temporary after-image.









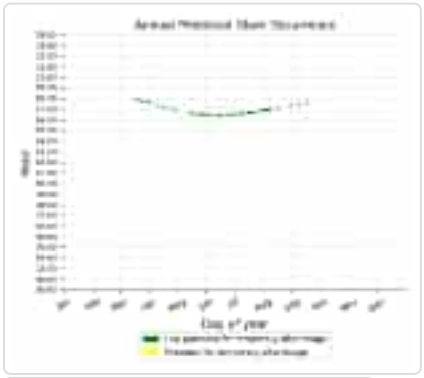
PV array 14: OP 53

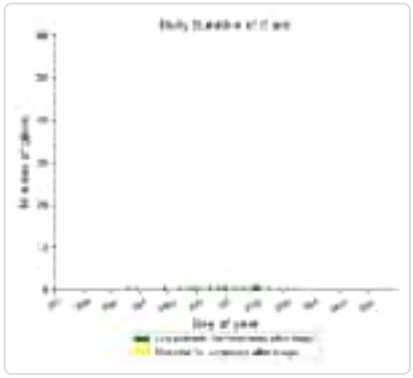
No glare found

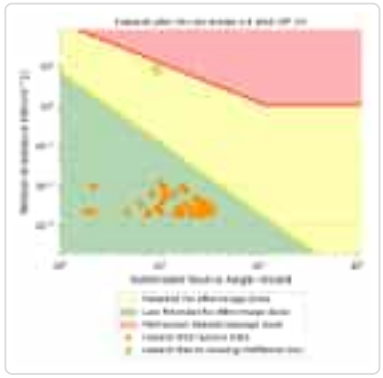
PV array 14: OP 54

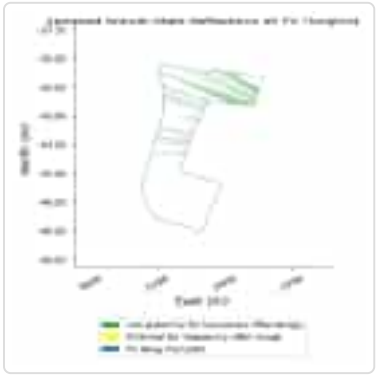
PV array is expected to produce the following glare for this receptor:

- 45 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





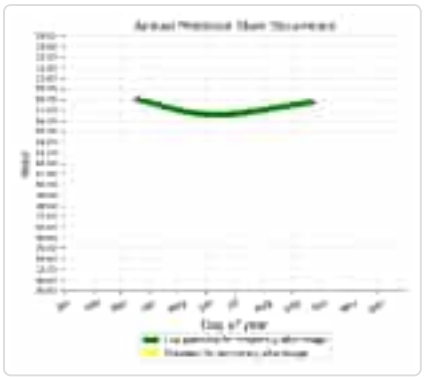


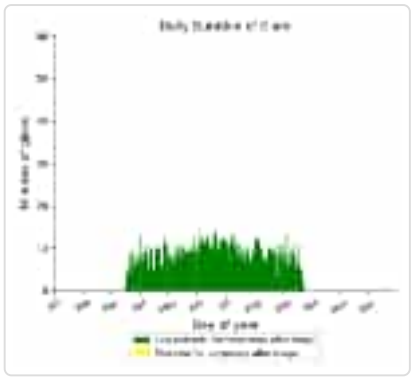


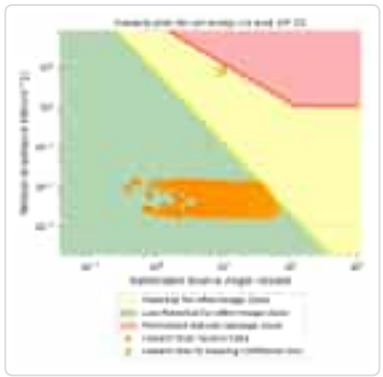
PV array 14: OP 55

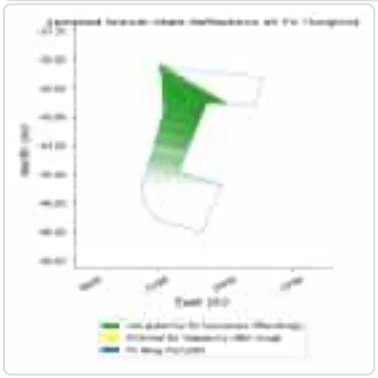
PV array is expected to produce the following glare for this receptor:

- 1,764 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14: OP 56

No glare found

PV array 14: OP 57

No glare found

PV array 14: OP 58

No glare found

PV array 14: OP 59

No glare found

PV array 14: OP 60

No glare found

PV array 14: OP 61

No glare found

PV array 14: OP 62

No glare found

PV array 14: OP 63

No glare found

PV array 14: OP 64

No glare found

PV array 14: OP 65

No glare found

PV array 14: OP 66

No glare found

PV array 14: OP 67

No glare found

PV array 14: OP 68

No glare found

PV array 14: OP 69

No glare found

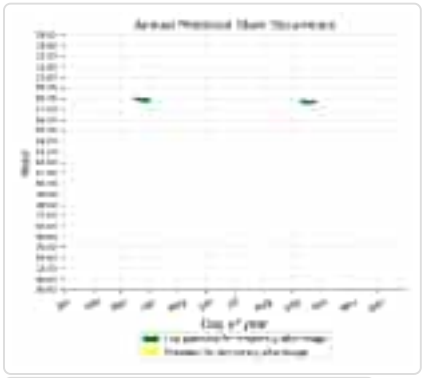
PV array 14: OP 70

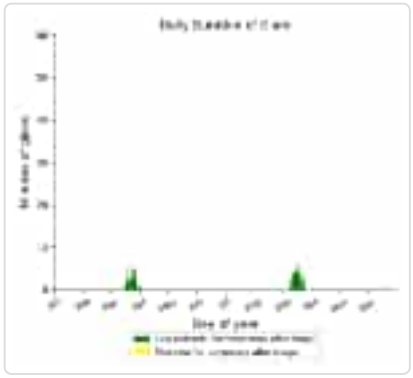
No glare found

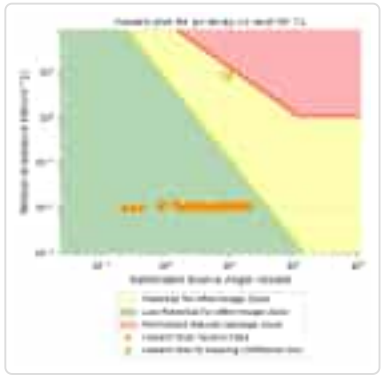
PV array 14: OP 71

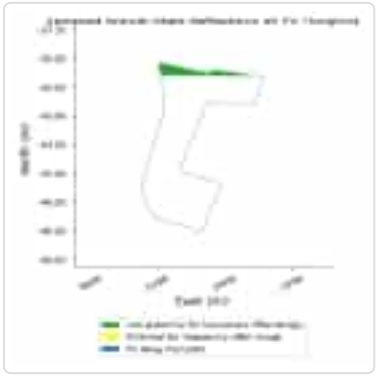
PV array is expected to produce the following glare for this receptor:

- 97 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





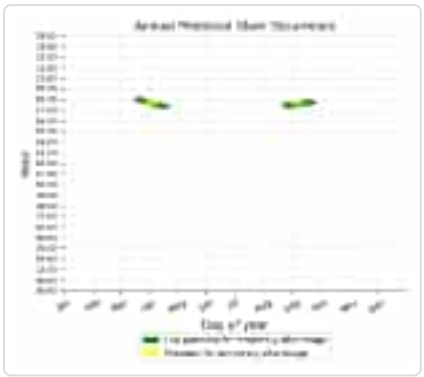


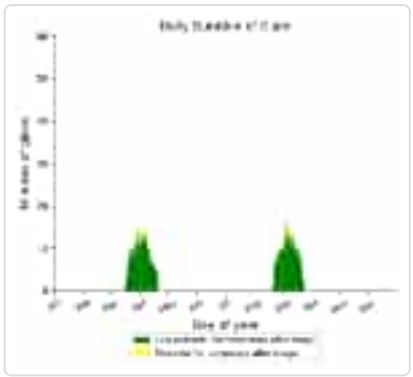


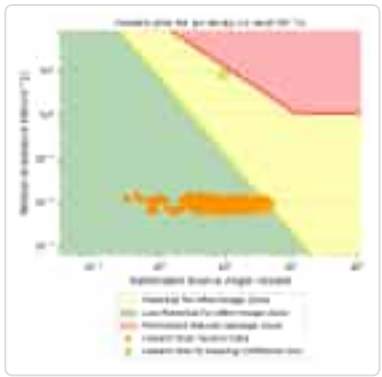
PV array 14: OP 72

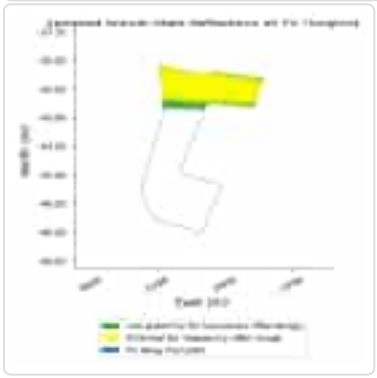
PV array is expected to produce the following glare for this receptor:

- 631 minutes of "green" glare with low potential to cause temporary after-image.
- 29 minutes of "yellow" glare with potential to cause temporary after-image.





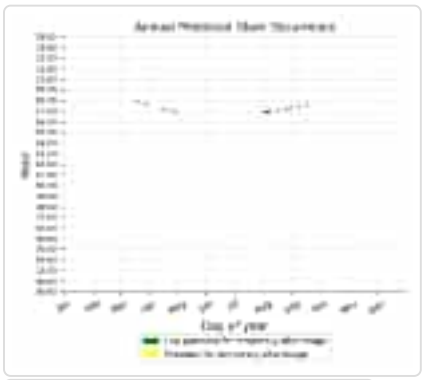


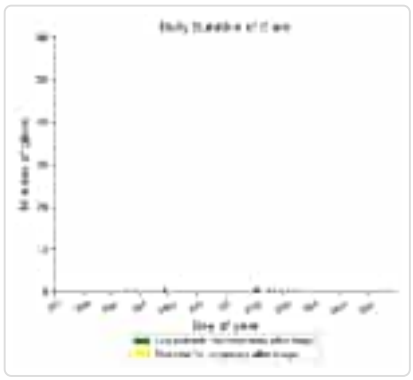


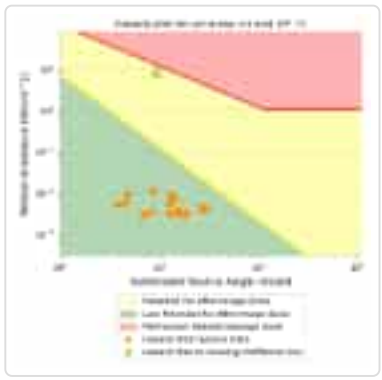
PV array 14: OP 73

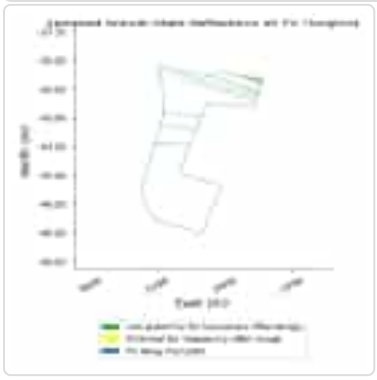
PV array is expected to produce the following glare for this receptor:

- 18 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0

OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	339	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0

PV array 15: OP 1

No glare found

PV array 15: OP 2

No glare found

PV array 15: OP 3

No glare found

PV array 15: OP 4

No glare found

PV array 15: OP 5

No glare found

PV array 15: OP 6

No glare found

PV array 15: OP 7

No glare found

PV array 15: OP 8

No glare found

PV array 15: OP 9

No glare found

PV array 15: OP 10

No glare found

PV array 15: OP 11

No glare found

PV array 15: OP 12

No glare found

PV array 15: OP 13

No glare found

PV array 15: OP 14

No glare found

PV array 15: OP 15

No glare found

PV array 15: OP 16

No glare found

PV array 15: OP 17

No glare found

PV array 15: OP 18

No glare found

PV array 15: OP 19

No glare found

PV array 15: OP 20

No glare found

PV array 15: OP 21

No glare found

PV array 15: OP 22

No glare found

PV array 15: OP 23

No glare found

PV array 15: OP 24

No glare found

PV array 15: OP 25

No glare found

PV array 15: OP 26

No glare found

PV array 15: OP 27

No glare found

PV array 15: OP 28

No glare found

PV array 15: OP 29

No glare found

PV array 15: OP 30

No glare found

PV array 15: OP 31

No glare found

PV array 15: OP 32

No glare found

PV array 15: OP 33

No glare found

PV array 15: OP 34

No glare found

PV array 15: OP 35

No glare found

PV array 15: OP 36

No glare found

PV array 15: OP 37

No glare found

PV array 15: OP 38

No glare found

PV array 15: OP 39

No glare found

PV array 15: OP 40

No glare found

PV array 15: OP 41

No glare found

PV array 15: OP 42

No glare found

PV array 15: OP 43

No glare found

PV array 15: OP 44

No glare found

PV array 15: OP 45

No glare found

PV array 15: OP 46

No glare found

PV array 15: OP 47

No glare found

PV array 15: OP 48

No glare found

PV array 15: OP 49

No glare found

PV array 15: OP 50

No glare found

PV array 15: OP 51

No glare found

PV array 15: OP 52

No glare found

PV array 15: OP 53

No glare found

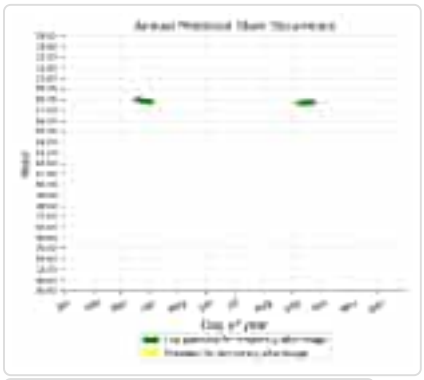
PV array 15: OP 54

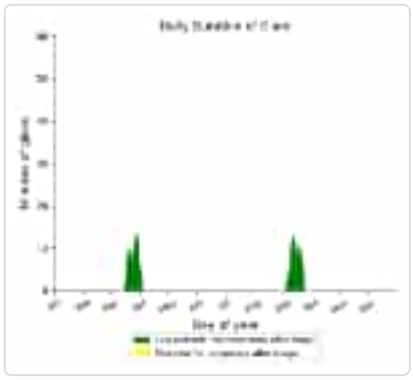
No glare found

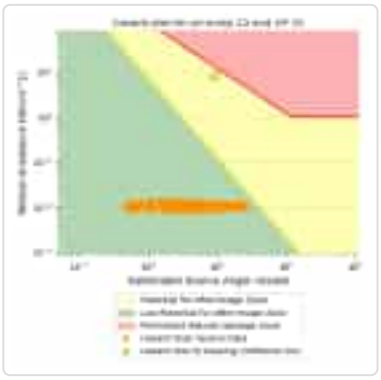
PV array 15: OP 55

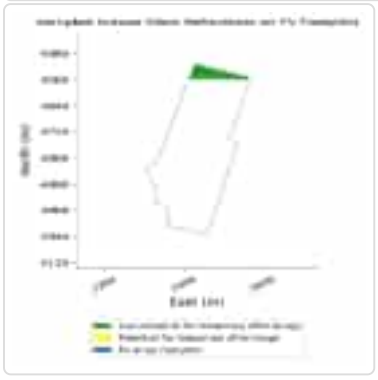
PV array is expected to produce the following glare for this receptor:

- 339 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 56

No glare found

PV array 15: OP 57

No glare found

PV array 15: OP 58

No glare found

PV array 15: OP 59

No glare found

PV array 15: OP 60
No glare found

PV array 15: OP 61
No glare found

PV array 15: OP 62
No glare found

PV array 15: OP 63
No glare found

PV array 15: OP 64
No glare found

PV array 15: OP 65
No glare found

PV array 15: OP 66
No glare found

PV array 15: OP 67
No glare found

PV array 15: OP 68
No glare found

PV array 15: OP 69
No glare found

PV array 15: OP 70
No glare found

PV array 15: OP 71
No glare found

PV array 15: OP 72
No glare found

PV array 15: OP 73
No glare found

PV array 2 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	4382	257
OP: OP 2	2961	0
OP: OP 3	2607	0

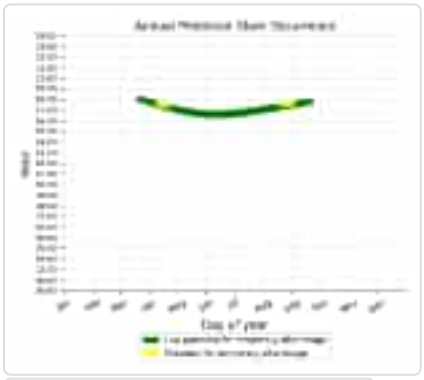
OP: OP 4	2045	0
OP: OP 5	1226	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	4157	304
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	384	0
OP: OP 43	1282	0
OP: OP 44	1765	0
OP: OP 45	2280	0
OP: OP 46	2749	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	822	0
OP: OP 57	165	0

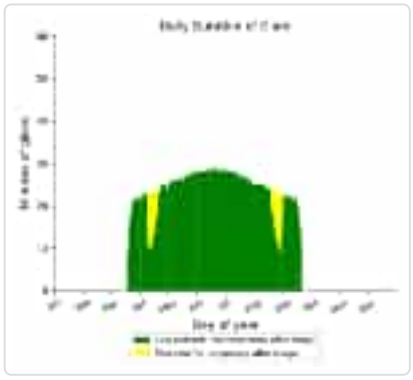
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0

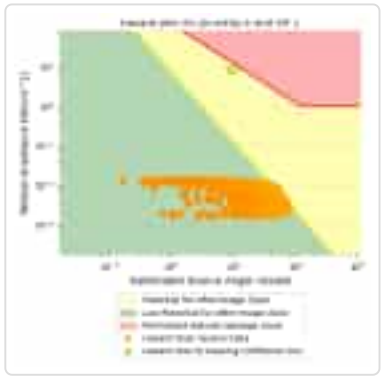
PV array 2: OP 1

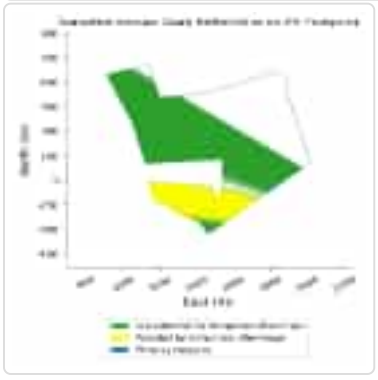
PV array is expected to produce the following glare for this receptor:

- 4,382 minutes of "green" glare with low potential to cause temporary after-image.
- 257 minutes of "yellow" glare with potential to cause temporary after-image.





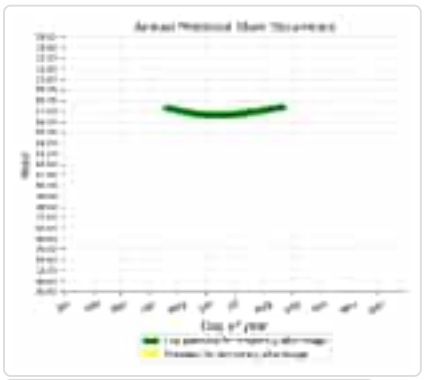


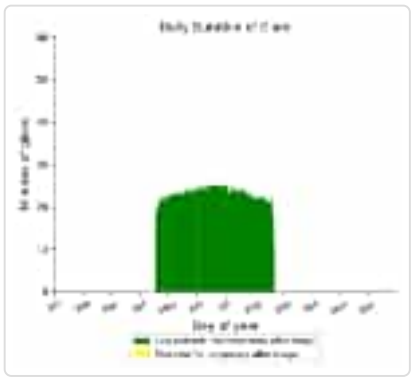


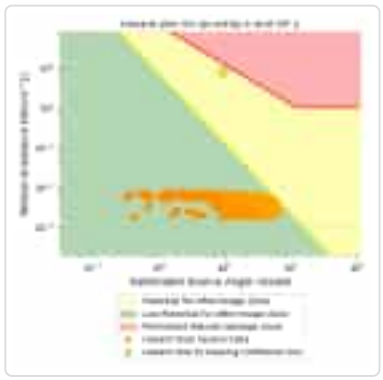
PV array 2: OP 2

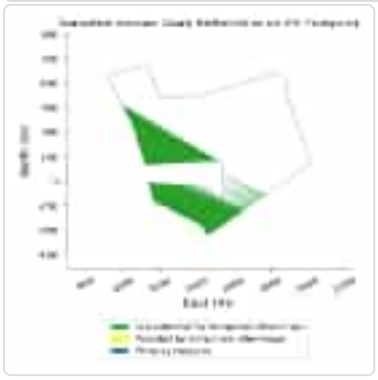
PV array is expected to produce the following glare for this receptor:

- 2,961 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





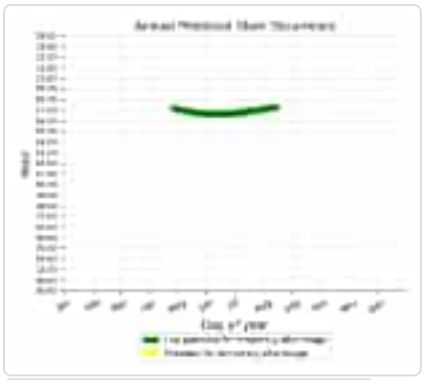


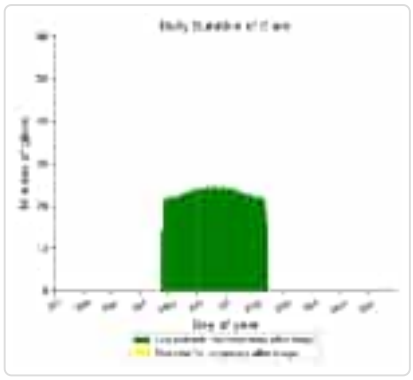


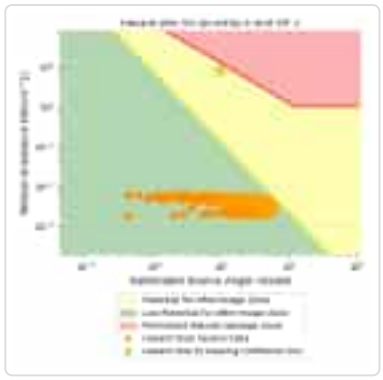
PV array 2: OP 3

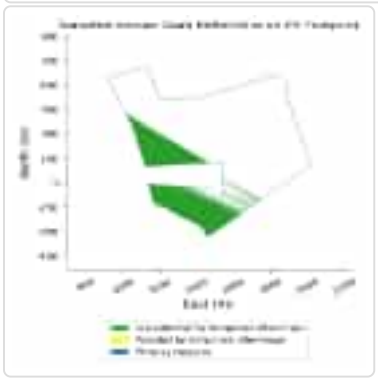
PV array is expected to produce the following glare for this receptor:

- 2,607 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





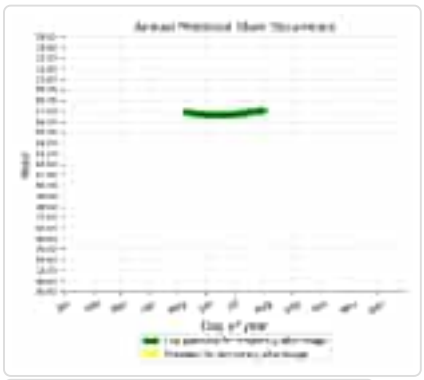


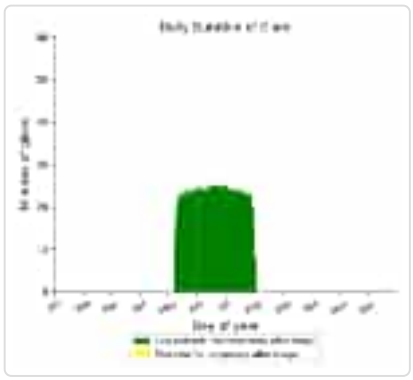


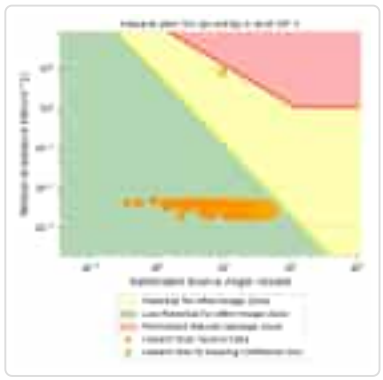
PV array 2: OP 4

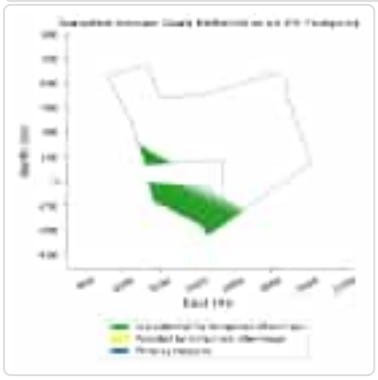
PV array is expected to produce the following glare for this receptor:

- 2,045 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





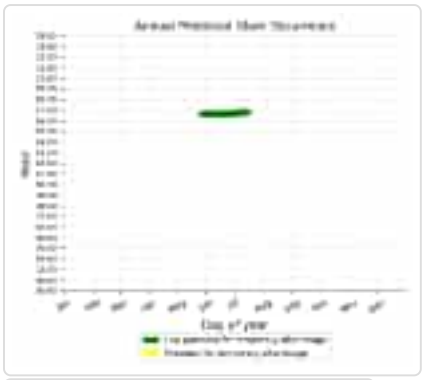


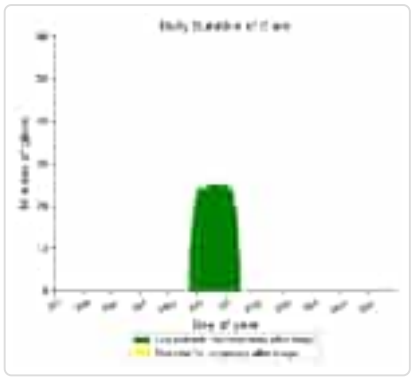


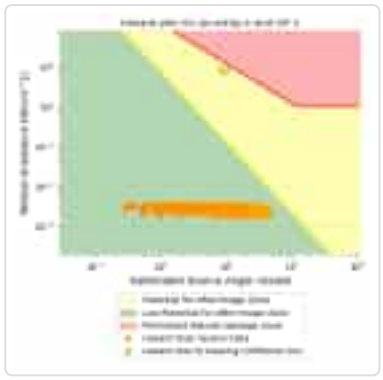
PV array 2: OP 5

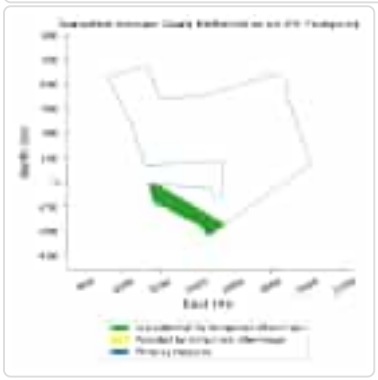
PV array is expected to produce the following glare for this receptor:

- 1,226 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 6

No glare found

PV array 2: OP 7

No glare found

PV array 2: OP 8

No glare found

PV array 2: OP 9

No glare found

PV array 2: OP 10

No glare found

PV array 2: OP 11

No glare found

PV array 2: OP 12

No glare found

PV array 2: OP 13

No glare found

PV array 2: OP 14

No glare found

PV array 2: OP 15

No glare found

PV array 2: OP 16

No glare found

PV array 2: OP 17

No glare found

PV array 2: OP 18

No glare found

PV array 2: OP 19

No glare found

PV array 2: OP 20

No glare found

PV array 2: OP 21

No glare found

PV array 2: OP 22

No glare found

PV array 2: OP 23

No glare found

PV array 2: OP 24

No glare found

PV array 2: OP 25

No glare found

PV array 2: OP 26

No glare found

PV array 2: OP 27

No glare found

PV array 2: OP 28

No glare found

PV array 2: OP 29

No glare found

PV array 2: OP 30

No glare found

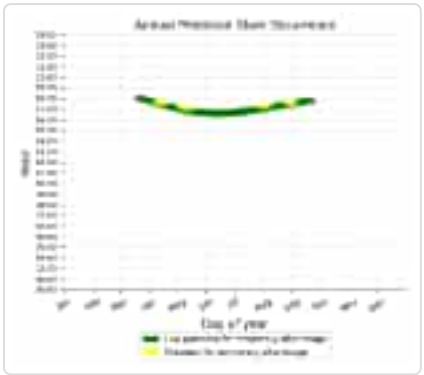
PV array 2: OP 31

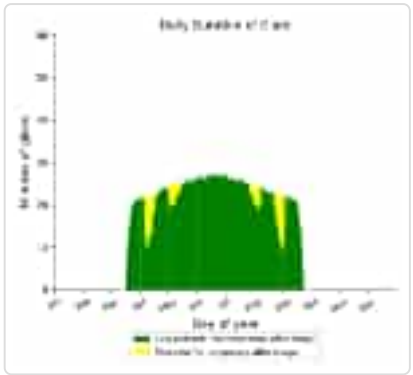
No glare found

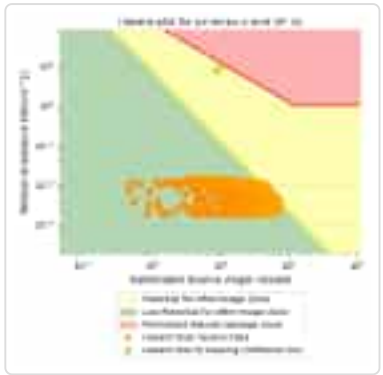
PV array 2: OP 32

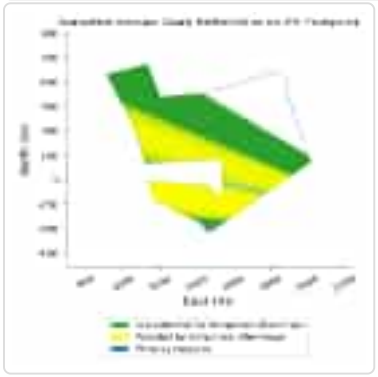
PV array is expected to produce the following glare for this receptor:

- 4,157 minutes of "green" glare with low potential to cause temporary after-image.
- 304 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 33

No glare found

PV array 2: OP 34

No glare found

PV array 2: OP 35

No glare found

PV array 2: OP 36

No glare found

PV array 2: OP 37

No glare found

PV array 2: OP 38

No glare found

PV array 2: OP 39

No glare found

PV array 2: OP 40

No glare found

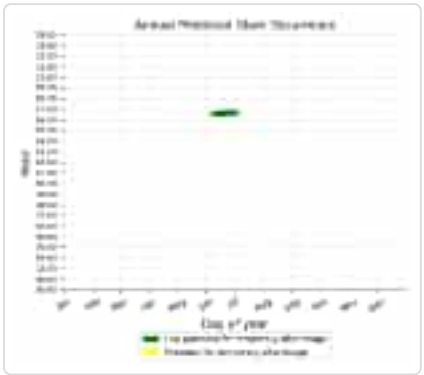
PV array 2: OP 41

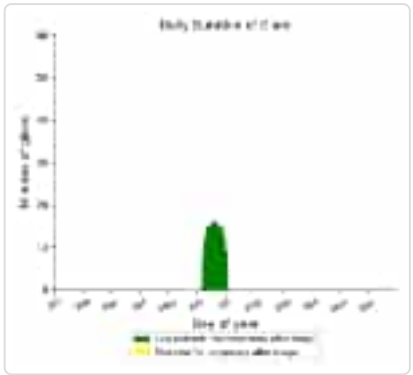
No glare found

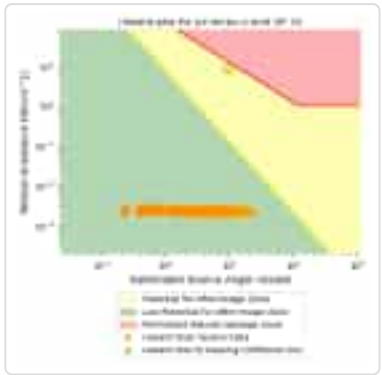
PV array 2: OP 42

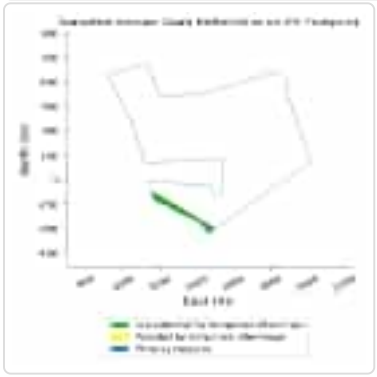
PV array is expected to produce the following glare for this receptor:

- 384 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





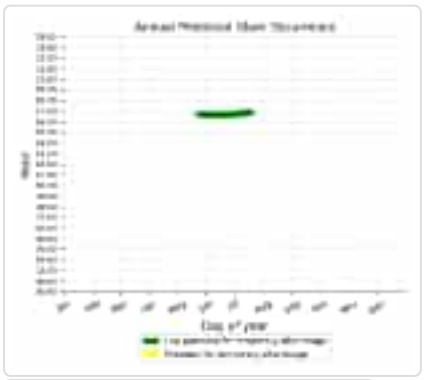


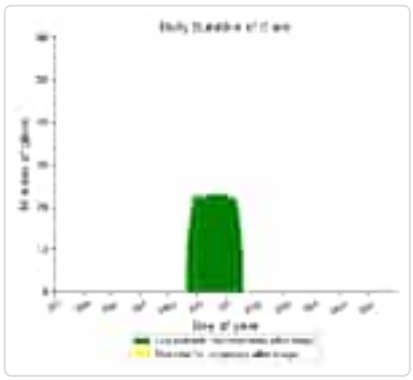


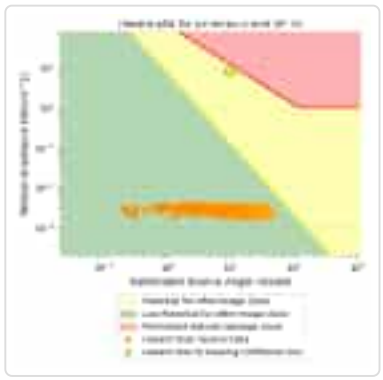
PV array 2: OP 43

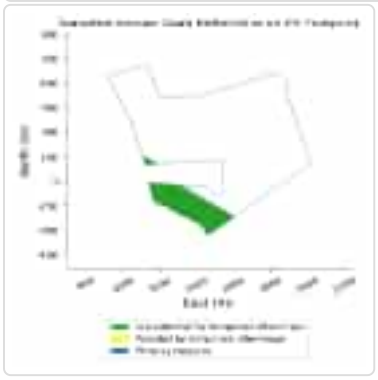
PV array is expected to produce the following glare for this receptor:

- 1,282 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





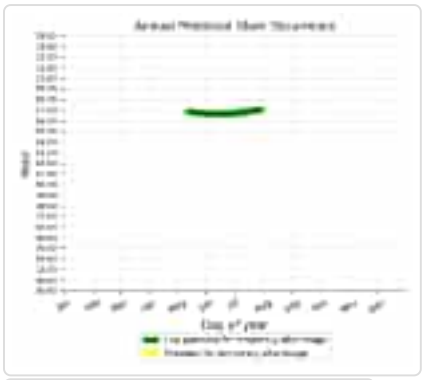


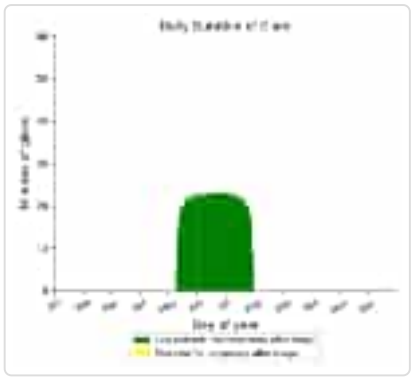


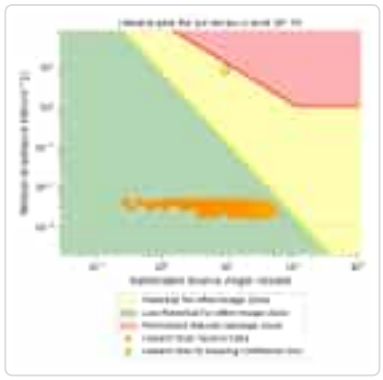
PV array 2: OP 44

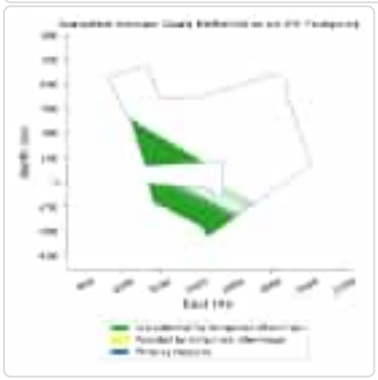
PV array is expected to produce the following glare for this receptor:

- 1,765 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





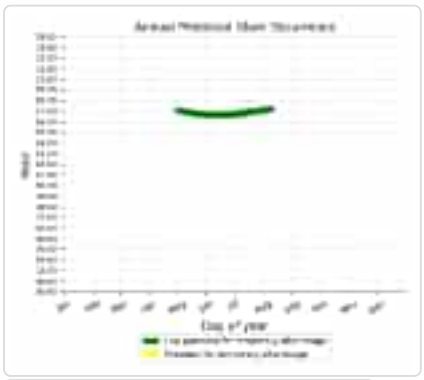
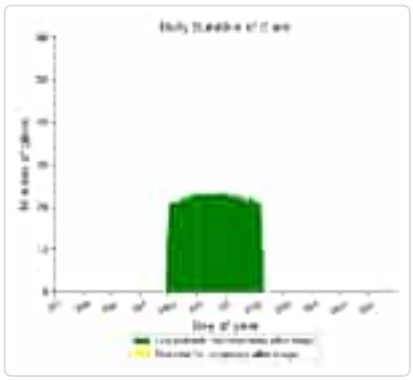
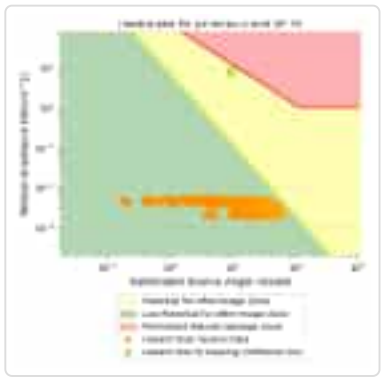
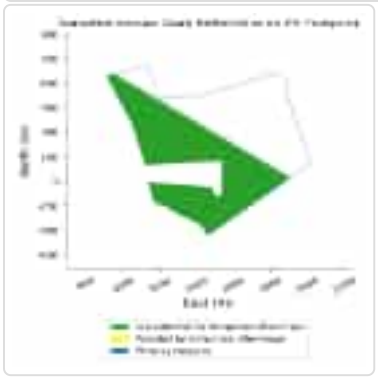




PV array 2: OP 45

PV array is expected to produce the following glare for this receptor:

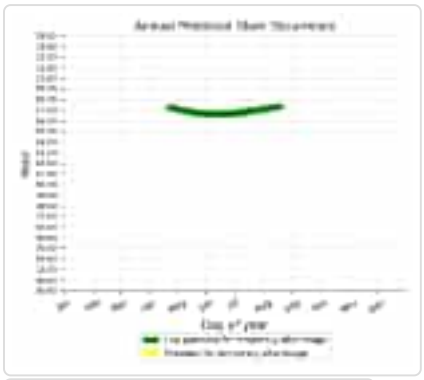
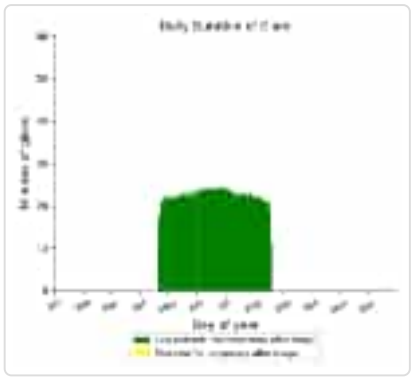
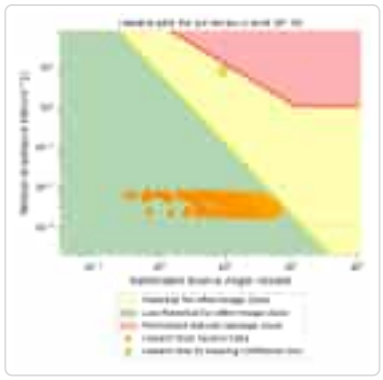
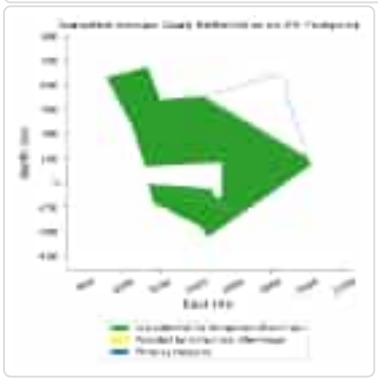
- 2,280 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 2: OP 46

PV array is expected to produce the following glare for this receptor:

- 2,749 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 2: OP 47

No glare found

PV array 2: OP 48

No glare found

PV array 2: OP 49

No glare found

PV array 2: OP 50

No glare found

PV array 2: OP 51

No glare found

PV array 2: OP 52

No glare found

PV array 2: OP 53

No glare found

PV array 2: OP 54

No glare found

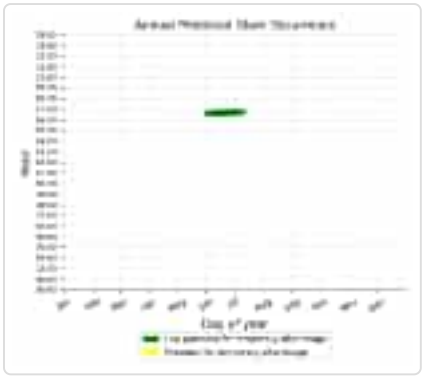
PV array 2: OP 55

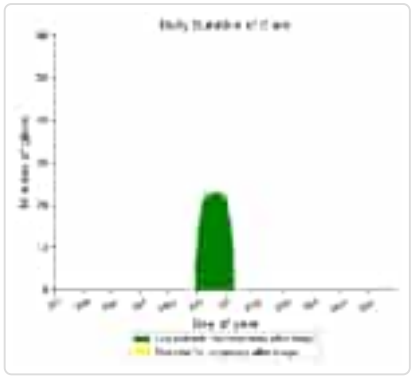
No glare found

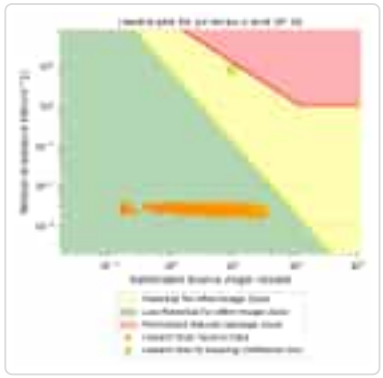
PV array 2: OP 56

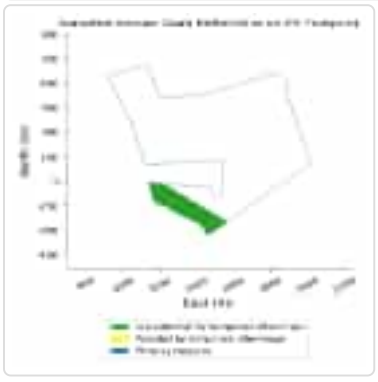
PV array is expected to produce the following glare for this receptor:

- 822 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





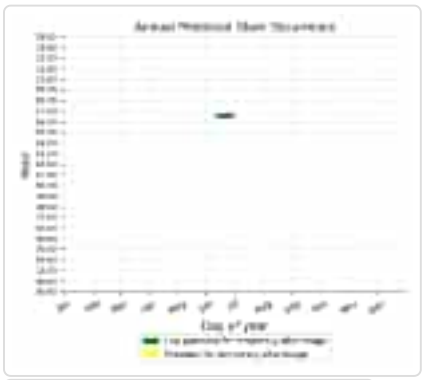


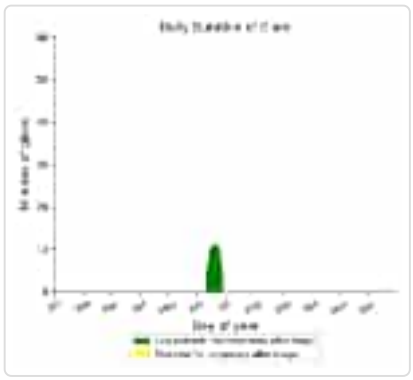


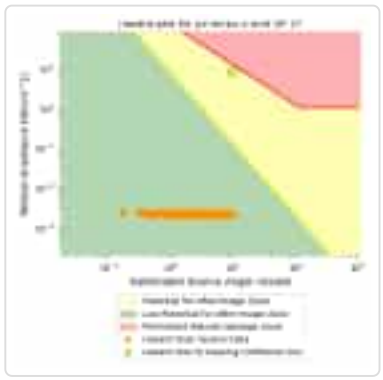
PV array 2: OP 57

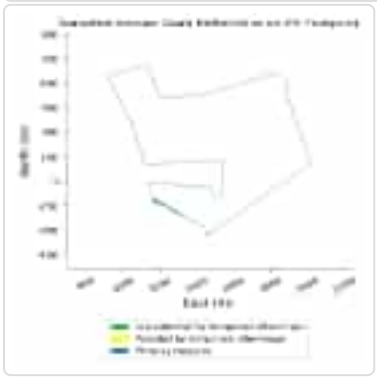
PV array is expected to produce the following glare for this receptor:

- 165 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 58

No glare found

PV array 2: OP 59

No glare found

PV array 2: OP 60

No glare found

PV array 2: OP 61

No glare found

PV array 2: OP 62

No glare found

PV array 2: OP 63

No glare found

PV array 2: OP 64

No glare found

PV array 2: OP 65

No glare found

PV array 2: OP 66

No glare found

PV array 2: OP 67

No glare found

PV array 2: OP 68

No glare found

PV array 2: OP 69

No glare found

PV array 2: OP 70

No glare found

PV array 2: OP 71

No glare found

PV array 2: OP 72

No glare found

PV array 2: OP 73

No glare found

PV array 3 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	572	0
OP: OP 3	971	0
OP: OP 4	1303	255
OP: OP 5	1807	500
OP: OP 6	2654	942
OP: OP 7	2786	869
OP: OP 8	3290	254
OP: OP 9	3201	0
OP: OP 10	2800	0
OP: OP 11	2676	0
OP: OP 12	2033	0
OP: OP 13	1304	0
OP: OP 14	148	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0

OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	2779	876
OP: OP 34	3160	468
OP: OP 35	3371	230
OP: OP 36	3537	18
OP: OP 37	3437	0
OP: OP 38	3140	0
OP: OP 39	2737	0
OP: OP 40	3521	0
OP: OP 41	3535	25
OP: OP 42	3461	11
OP: OP 43	2902	118
OP: OP 44	2018	168
OP: OP 45	1590	0
OP: OP 46	1107	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	3066	0
OP: OP 57	3106	0
OP: OP 58	2867	0
OP: OP 59	3062	0
OP: OP 60	2855	0
OP: OP 61	2710	0
OP: OP 62	2388	0
OP: OP 63	2209	0
OP: OP 64	1762	0
OP: OP 65	1368	0
OP: OP 66	973	0
OP: OP 67	161	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0

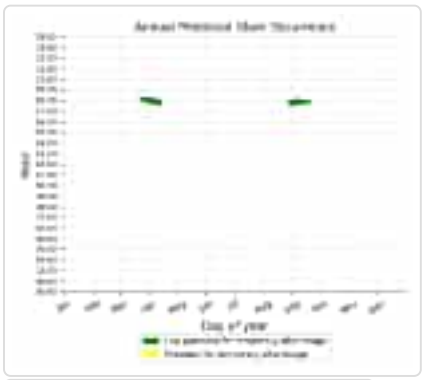
PV array 3: OP 1

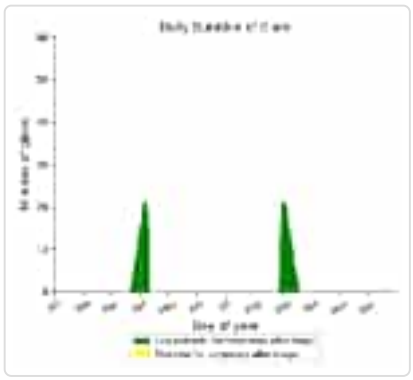
No glare found

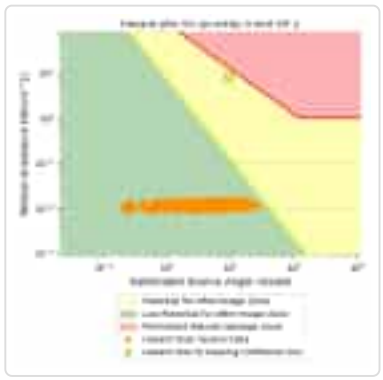
PV array 3: OP 2

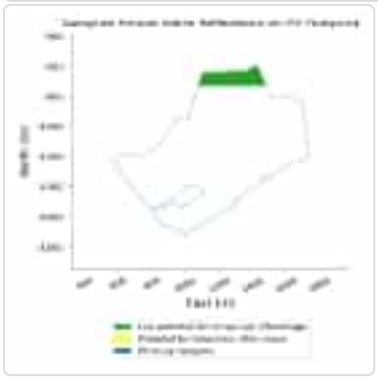
PV array is expected to produce the following glare for this receptor:

- 572 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





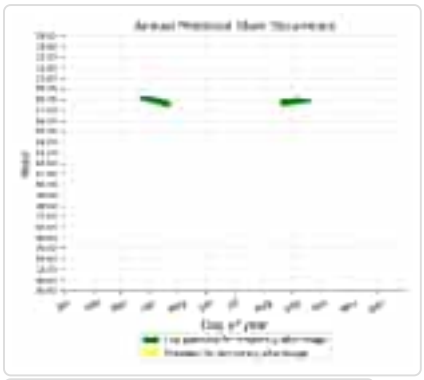


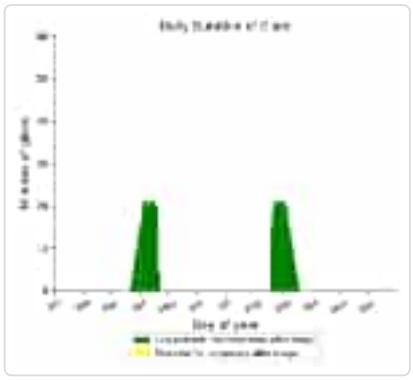


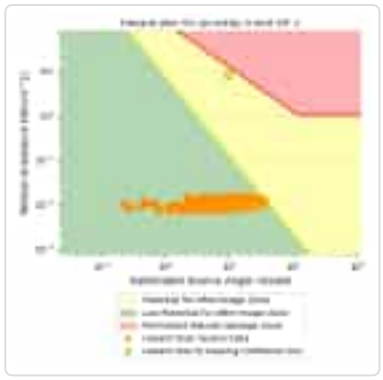
PV array 3: OP 3

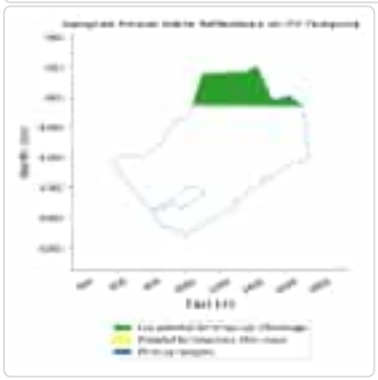
PV array is expected to produce the following glare for this receptor:

- 971 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





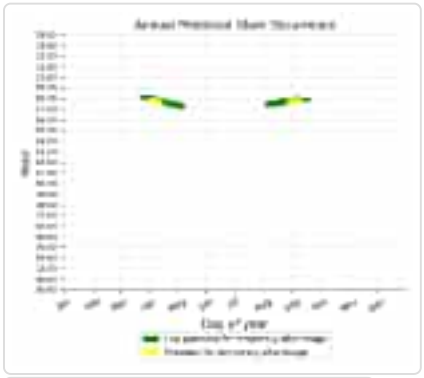


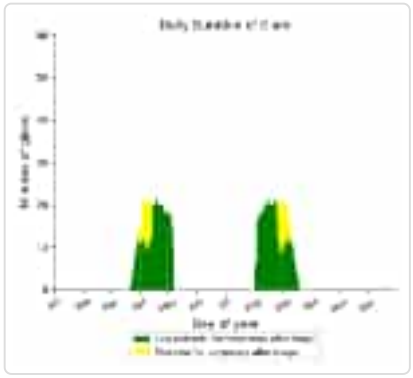


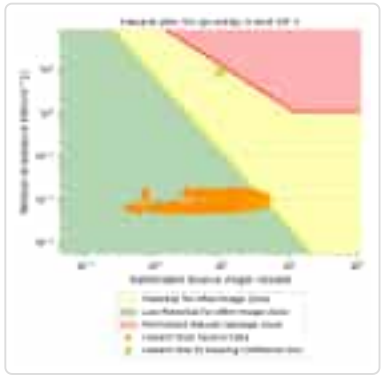
PV array 3: OP 4

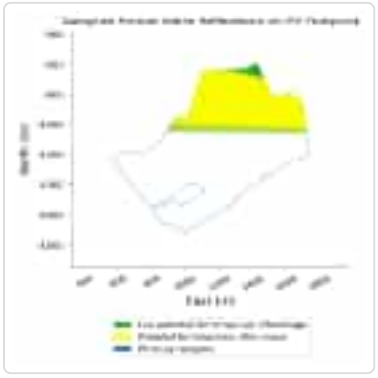
PV array is expected to produce the following glare for this receptor:

- 1,303 minutes of "green" glare with low potential to cause temporary after-image.
- 255 minutes of "yellow" glare with potential to cause temporary after-image.





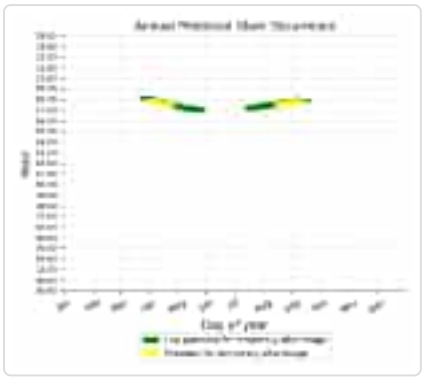


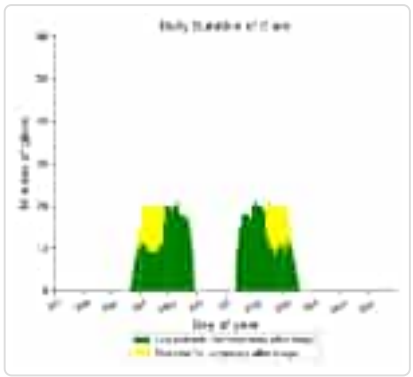


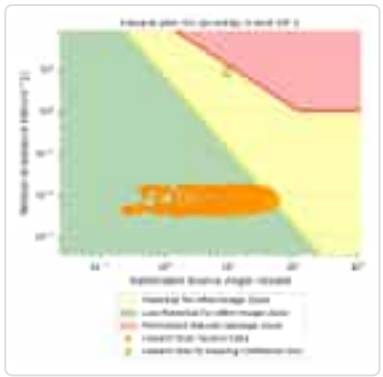
PV array 3: OP 5

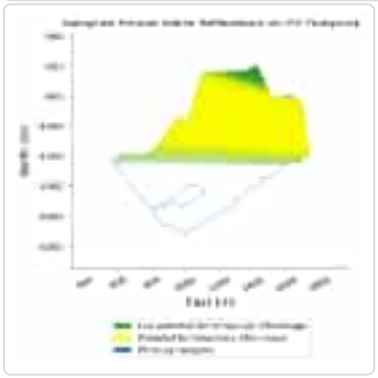
PV array is expected to produce the following glare for this receptor:

- 1,807 minutes of "green" glare with low potential to cause temporary after-image.
- 500 minutes of "yellow" glare with potential to cause temporary after-image.





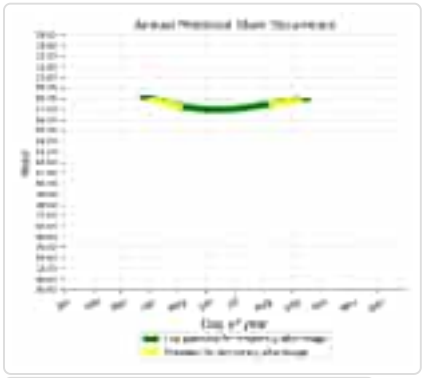


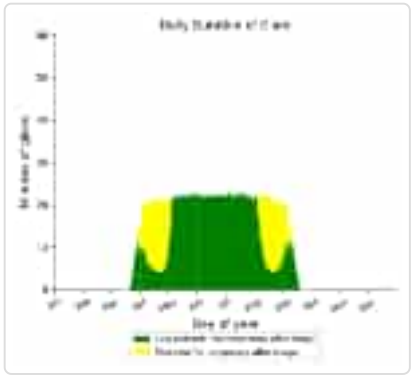


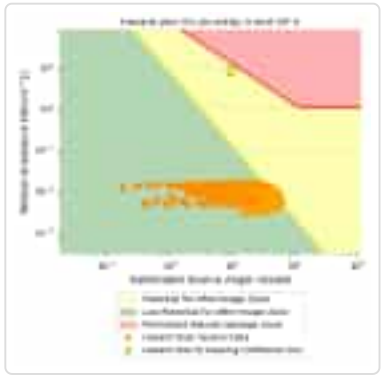
PV array 3: OP 6

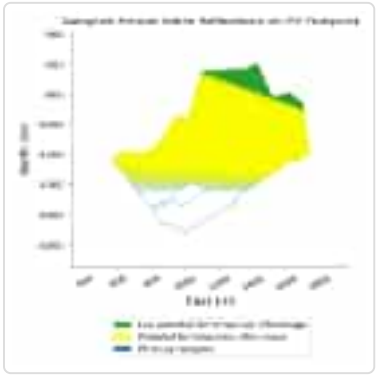
PV array is expected to produce the following glare for this receptor:

- 2,654 minutes of "green" glare with low potential to cause temporary after-image.
- 942 minutes of "yellow" glare with potential to cause temporary after-image.





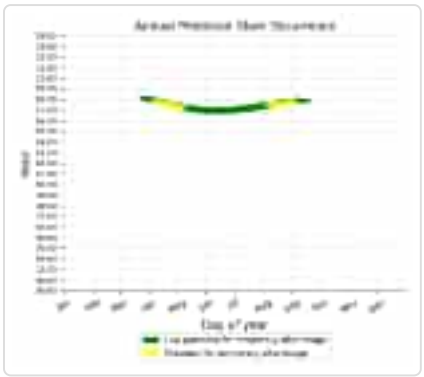


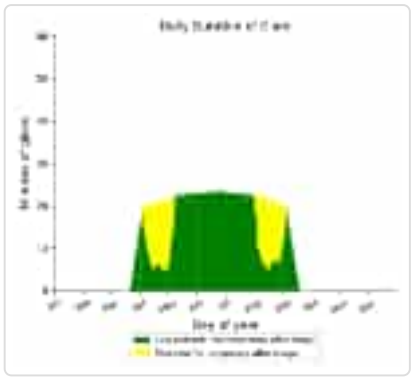


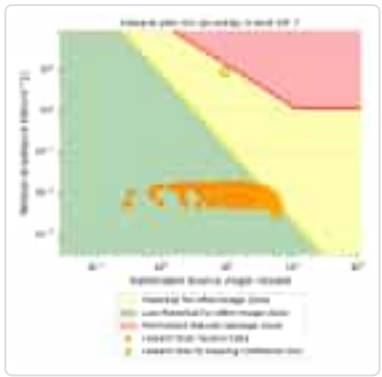
PV array 3: OP 7

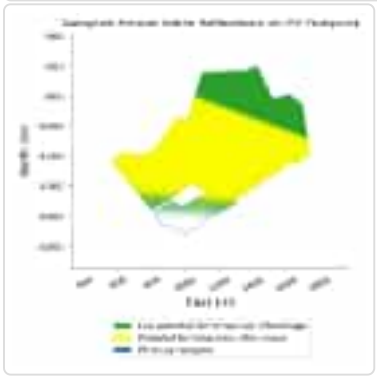
PV array is expected to produce the following glare for this receptor:

- 2,786 minutes of "green" glare with low potential to cause temporary after-image.
- 869 minutes of "yellow" glare with potential to cause temporary after-image.





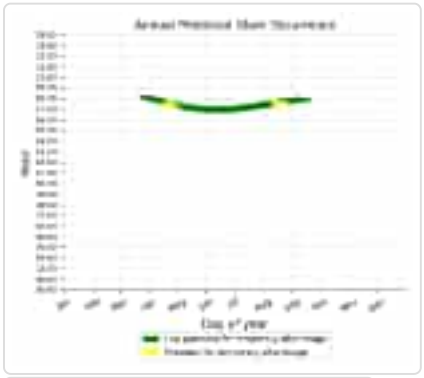


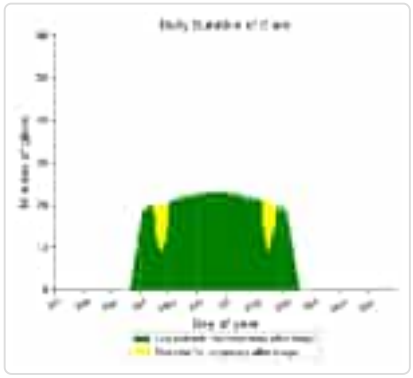


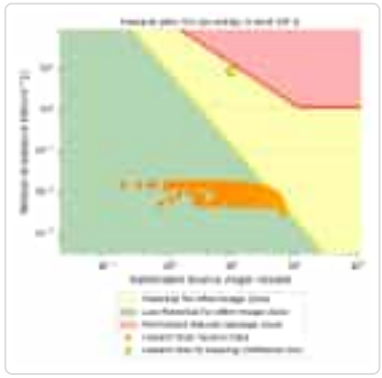
PV array 3: OP 8

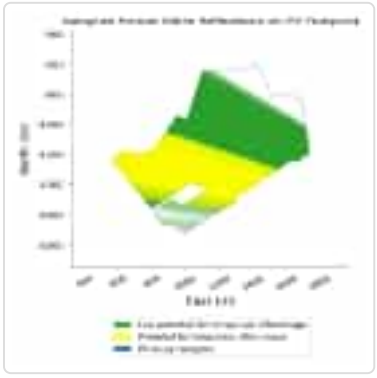
PV array is expected to produce the following glare for this receptor:

- 3,290 minutes of "green" glare with low potential to cause temporary after-image.
- 254 minutes of "yellow" glare with potential to cause temporary after-image.





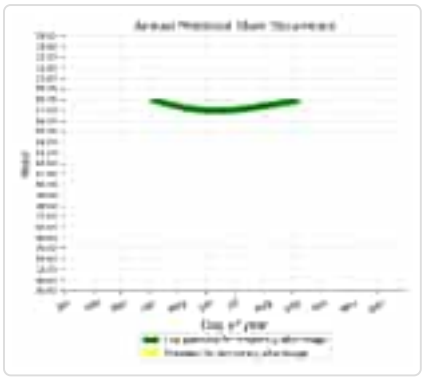


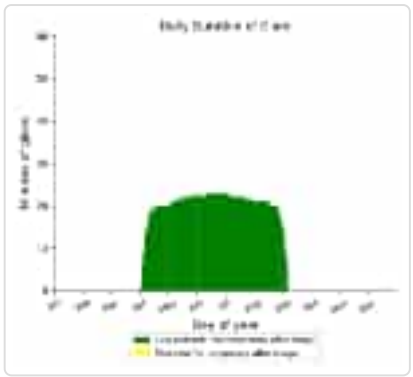


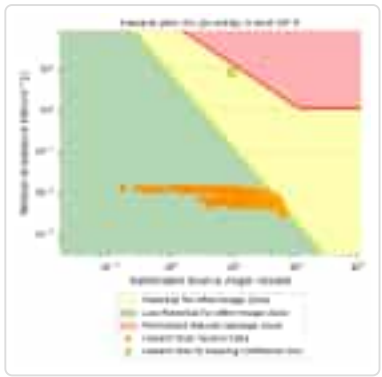
PV array 3: OP 9

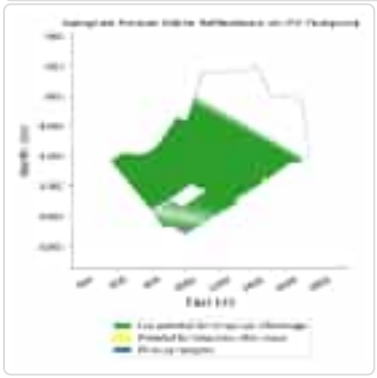
PV array is expected to produce the following glare for this receptor:

- 3,201 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





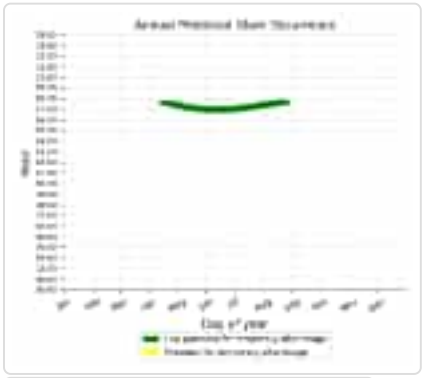


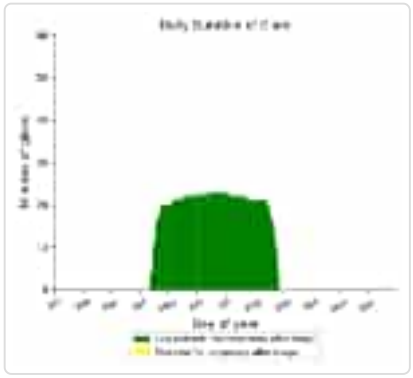


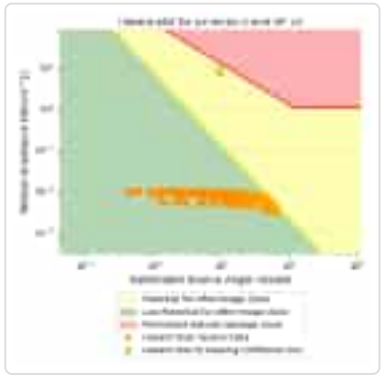
PV array 3: OP 10

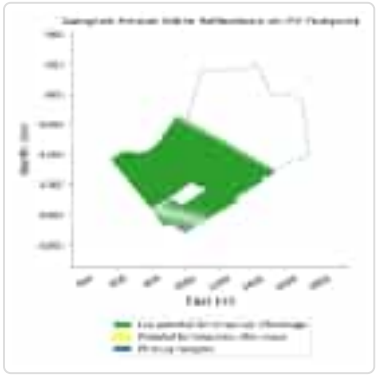
PV array is expected to produce the following glare for this receptor:

- 2,800 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





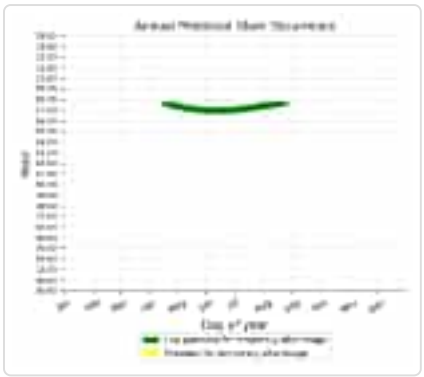


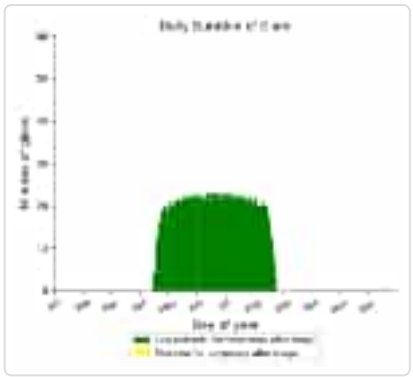


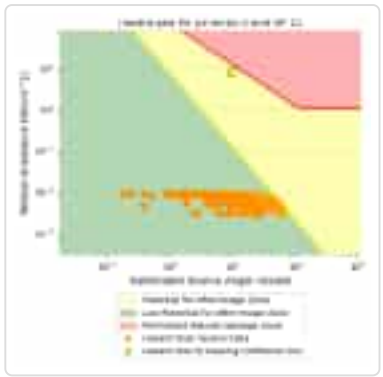
PV array 3: OP 11

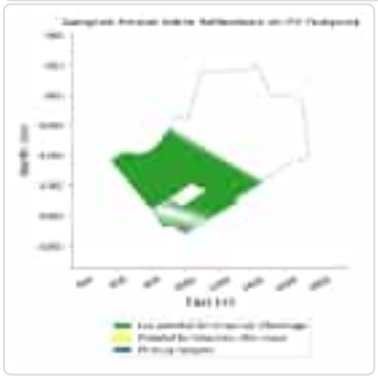
PV array is expected to produce the following glare for this receptor:

- 2,676 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





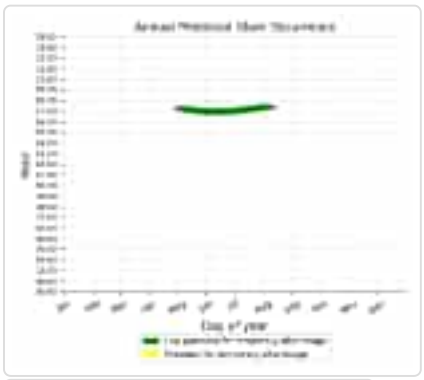


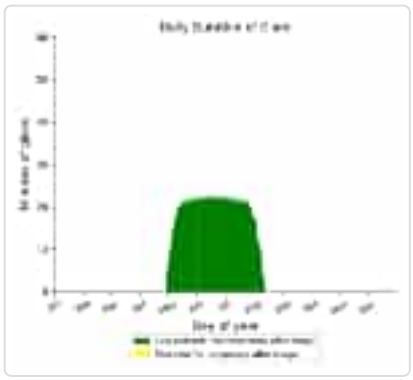


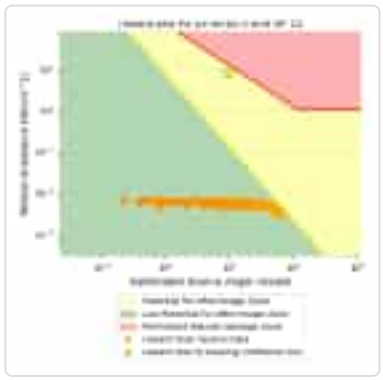
PV array 3: OP 12

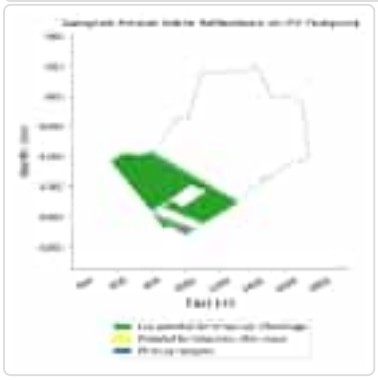
PV array is expected to produce the following glare for this receptor:

- 2,033 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





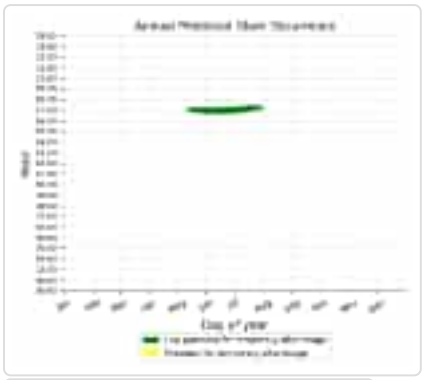


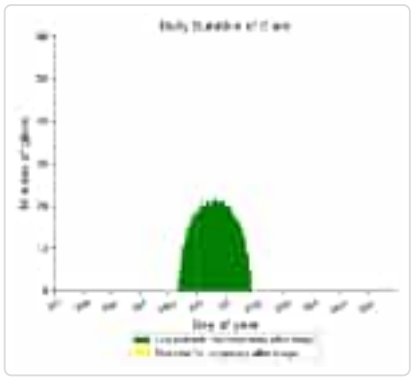


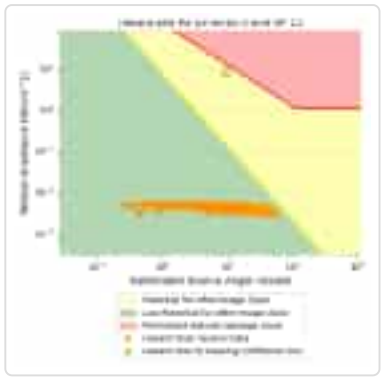
PV array 3: OP 13

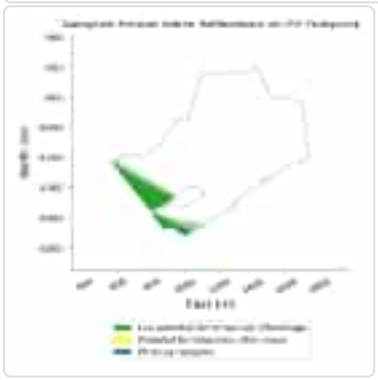
PV array is expected to produce the following glare for this receptor:

- 1,304 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





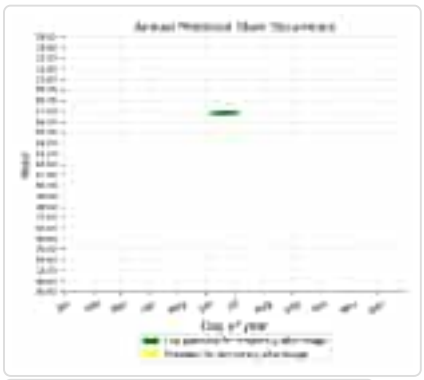


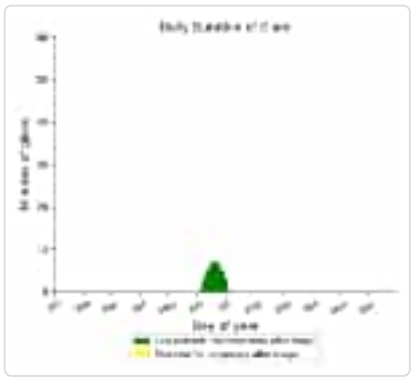


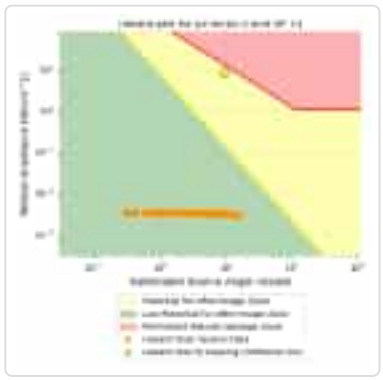
PV array 3: OP 14

PV array is expected to produce the following glare for this receptor:

- 148 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 3: OP 15

No glare found

PV array 3: OP 16

No glare found

PV array 3: OP 17

No glare found

PV array 3: OP 18

No glare found

PV array 3: OP 19

No glare found

PV array 3: OP 20

No glare found

PV array 3: OP 21

No glare found

PV array 3: OP 22

No glare found

PV array 3: OP 23

No glare found

PV array 3: OP 24

No glare found

PV array 3: OP 25

No glare found

PV array 3: OP 26

No glare found

PV array 3: OP 27

No glare found

PV array 3: OP 28

No glare found

PV array 3: OP 29

No glare found

PV array 3: OP 30

No glare found

PV array 3: OP 31

No glare found

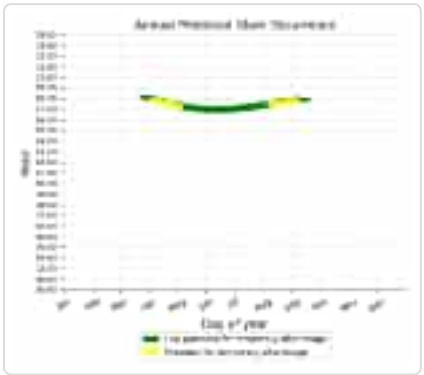
PV array 3: OP 32

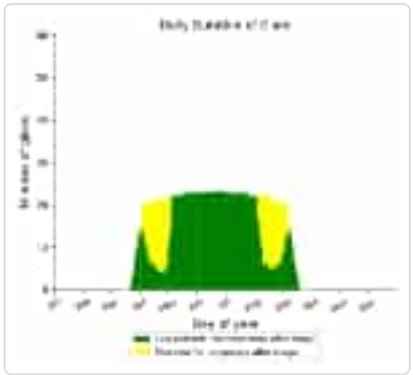
No glare found

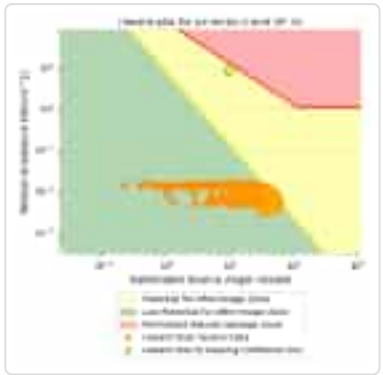
PV array 3: OP 33

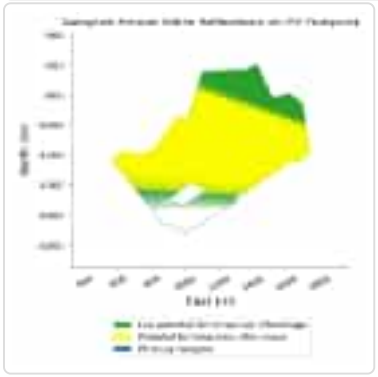
PV array is expected to produce the following glare for this receptor:

- 2,779 minutes of "green" glare with low potential to cause temporary after-image.
- 876 minutes of "yellow" glare with potential to cause temporary after-image.





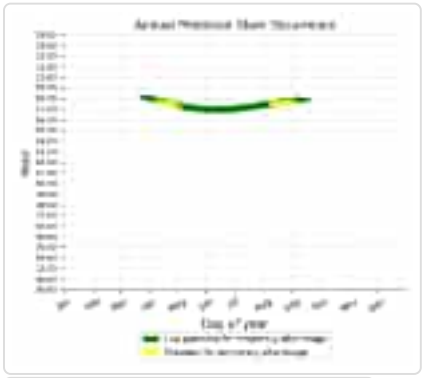


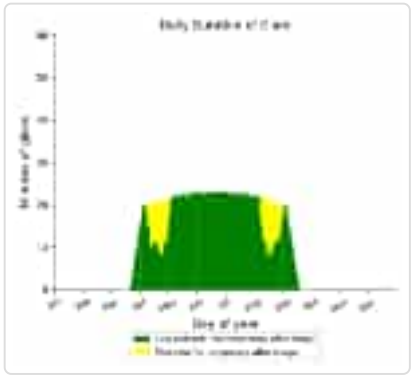


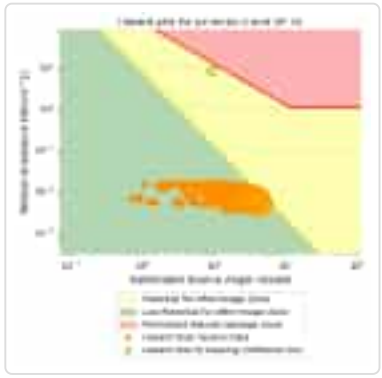
PV array 3: OP 34

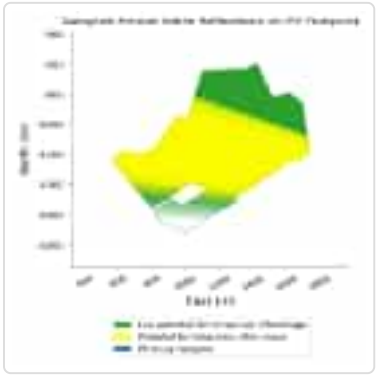
PV array is expected to produce the following glare for this receptor:

- 3,160 minutes of "green" glare with low potential to cause temporary after-image.
- 468 minutes of "yellow" glare with potential to cause temporary after-image.





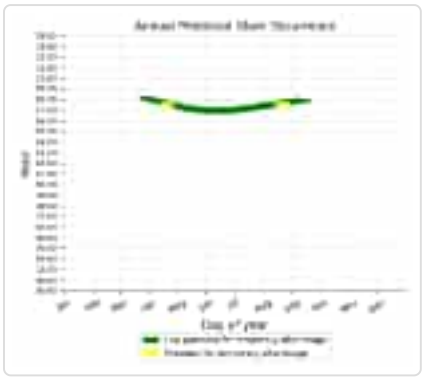


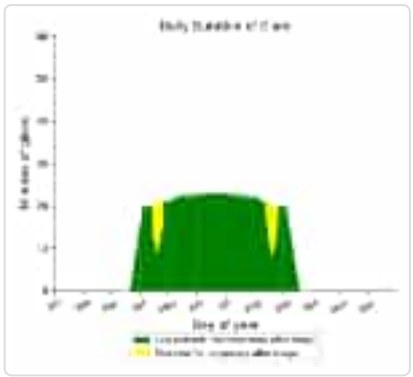


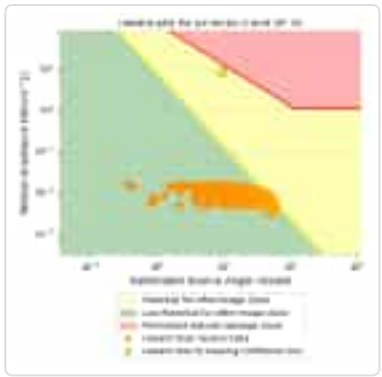
PV array 3: OP 35

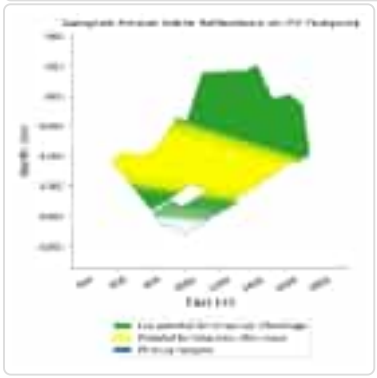
PV array is expected to produce the following glare for this receptor:

- 3,371 minutes of "green" glare with low potential to cause temporary after-image.
- 230 minutes of "yellow" glare with potential to cause temporary after-image.





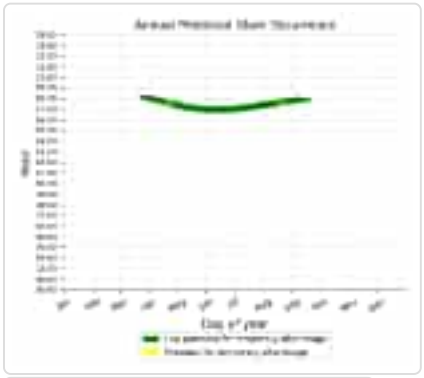


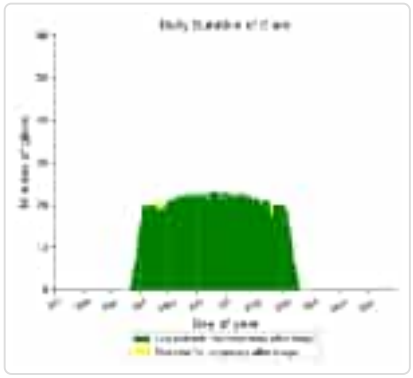


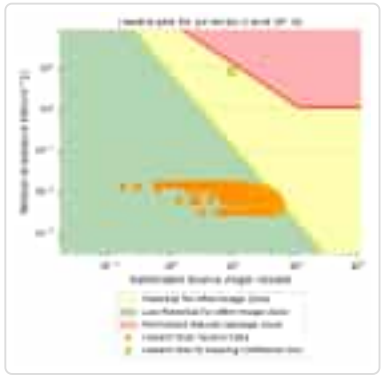
PV array 3: OP 36

PV array is expected to produce the following glare for this receptor:

- 3,537 minutes of "green" glare with low potential to cause temporary after-image.
- 18 minutes of "yellow" glare with potential to cause temporary after-image.



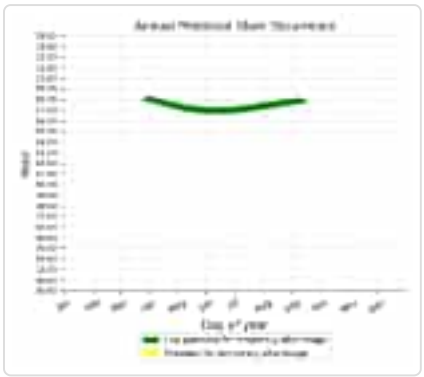


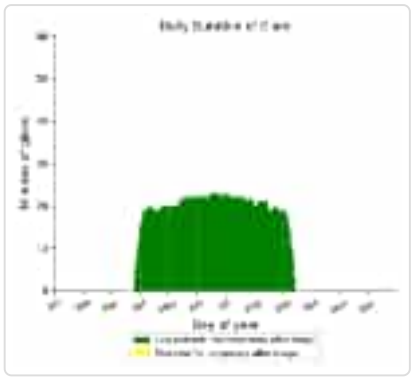


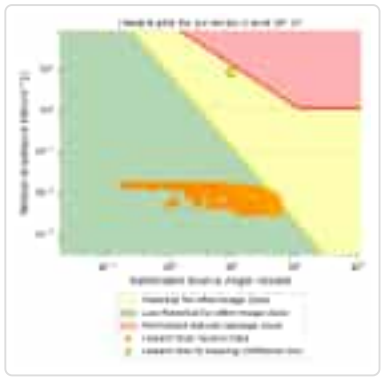
PV array 3: OP 37

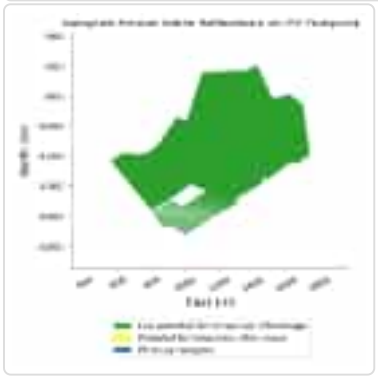
PV array is expected to produce the following glare for this receptor:

- 3,437 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





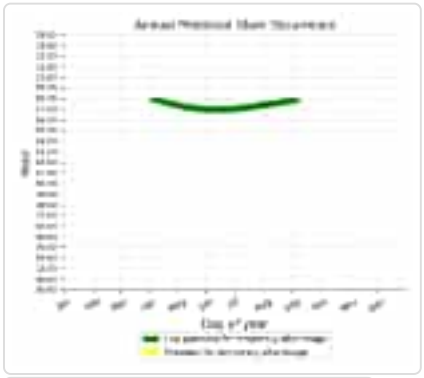


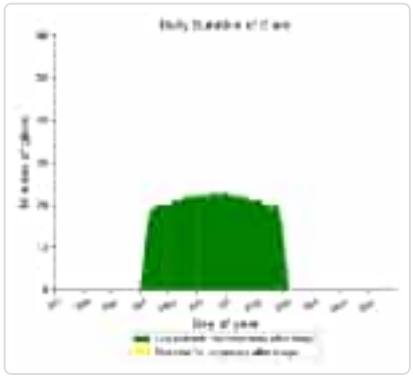


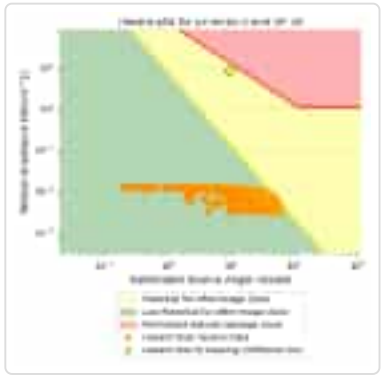
PV array 3: OP 38

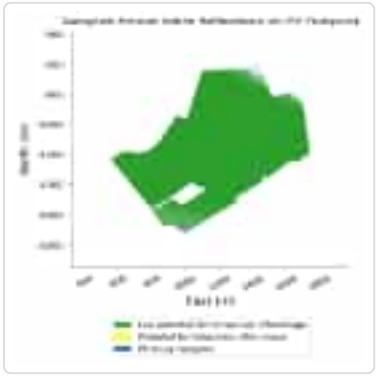
PV array is expected to produce the following glare for this receptor:

- 3,140 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





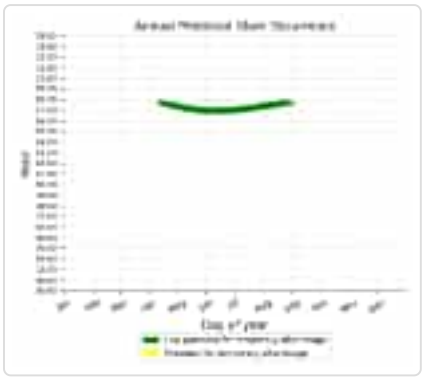


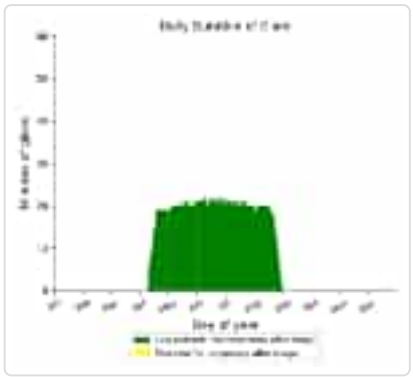


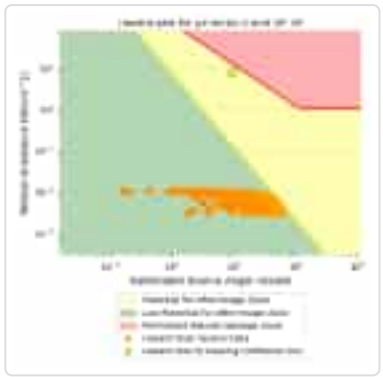
PV array 3: OP 39

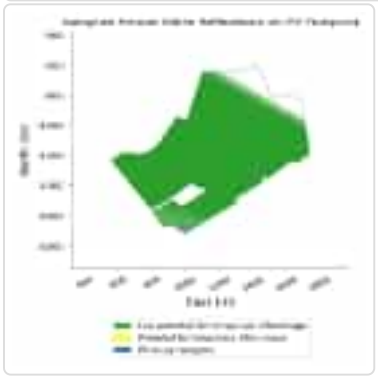
PV array is expected to produce the following glare for this receptor:

- 2,737 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





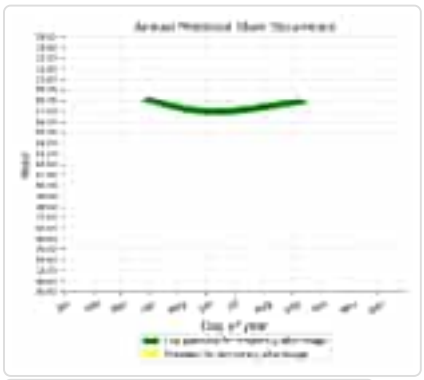


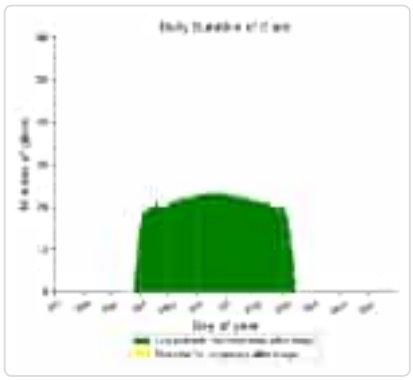


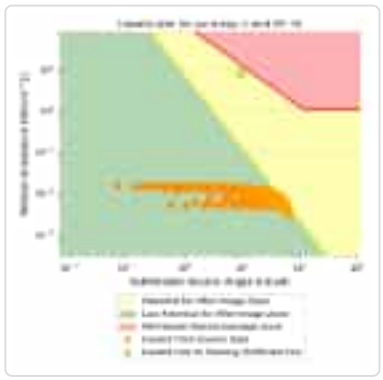
PV array 3: OP 40

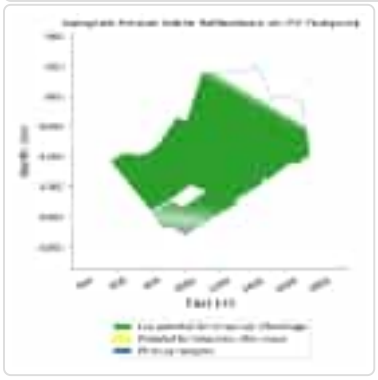
PV array is expected to produce the following glare for this receptor:

- 3,521 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





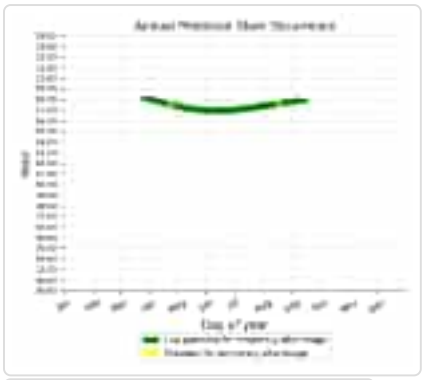


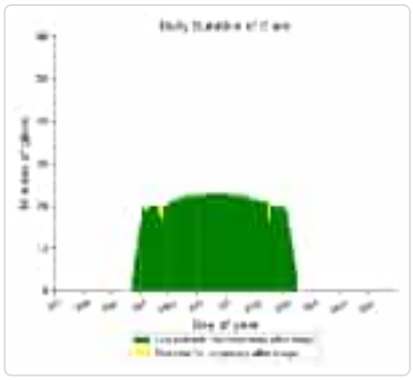


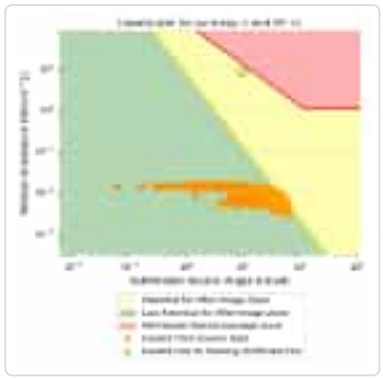
PV array 3: OP 41

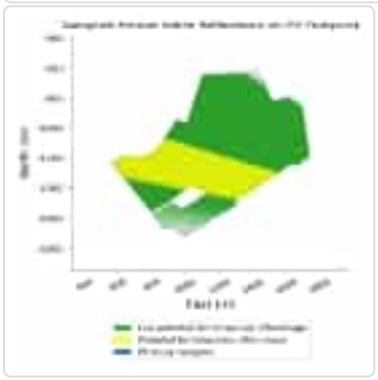
PV array is expected to produce the following glare for this receptor:

- 3,535 minutes of "green" glare with low potential to cause temporary after-image.
- 25 minutes of "yellow" glare with potential to cause temporary after-image.





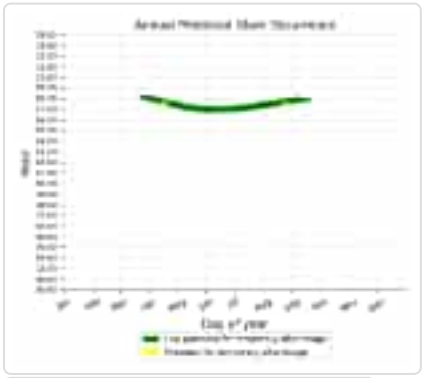


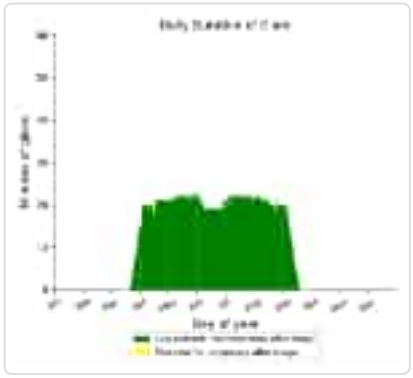


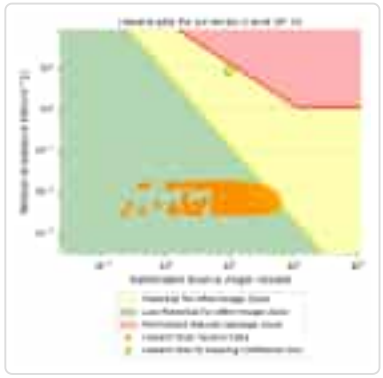
PV array 3: OP 42

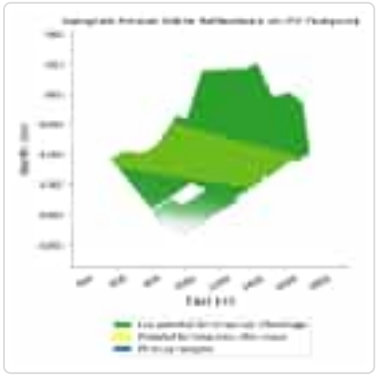
PV array is expected to produce the following glare for this receptor:

- 3,461 minutes of "green" glare with low potential to cause temporary after-image.
- 11 minutes of "yellow" glare with potential to cause temporary after-image.





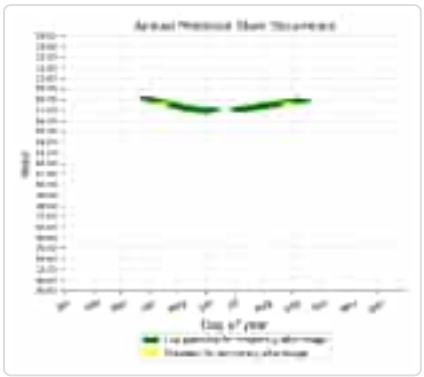


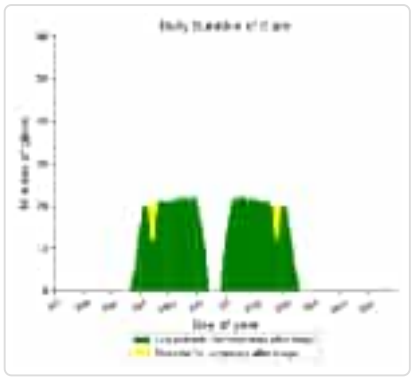


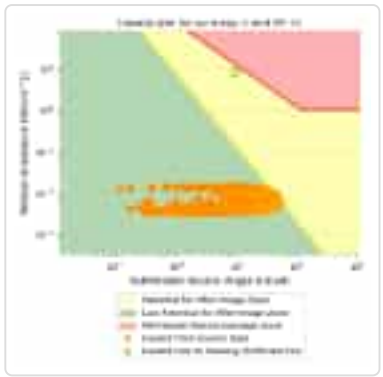
PV array 3: OP 43

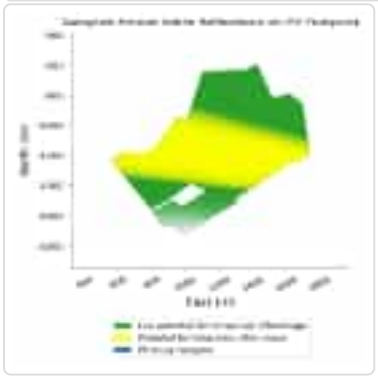
PV array is expected to produce the following glare for this receptor:

- 2,902 minutes of "green" glare with low potential to cause temporary after-image.
- 118 minutes of "yellow" glare with potential to cause temporary after-image.





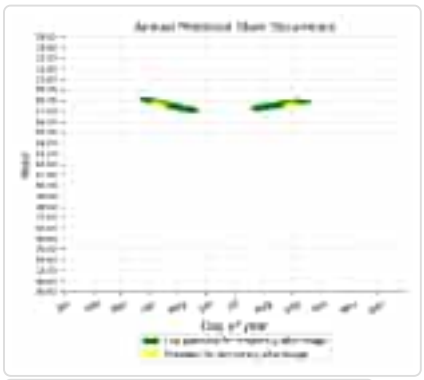


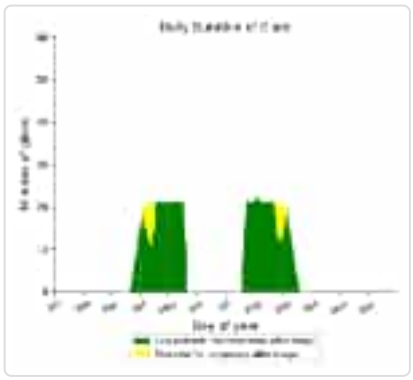


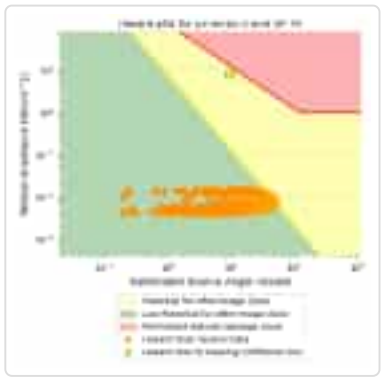
PV array 3: OP 44

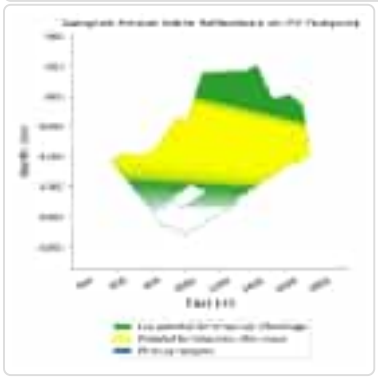
PV array is expected to produce the following glare for this receptor:

- 2,018 minutes of "green" glare with low potential to cause temporary after-image.
- 168 minutes of "yellow" glare with potential to cause temporary after-image.





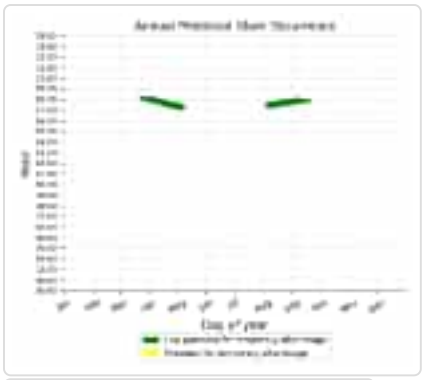


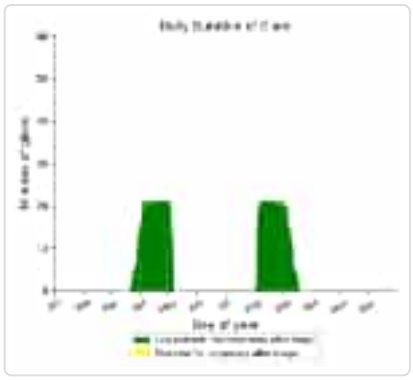


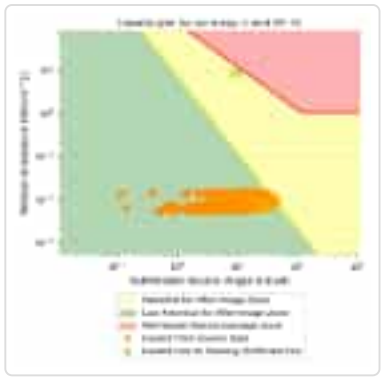
PV array 3: OP 45

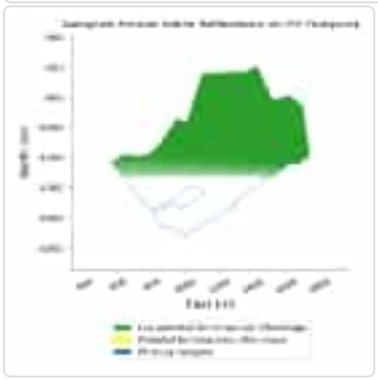
PV array is expected to produce the following glare for this receptor:

- 1,590 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





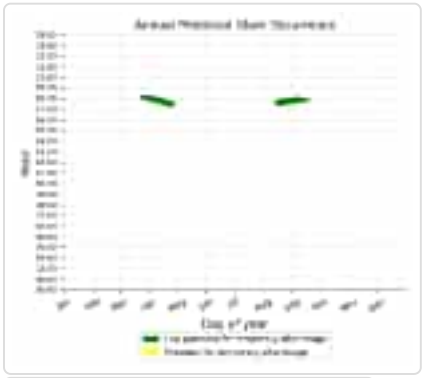


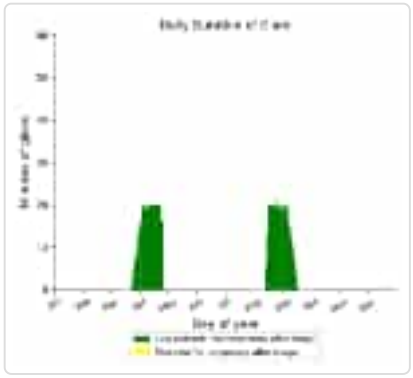


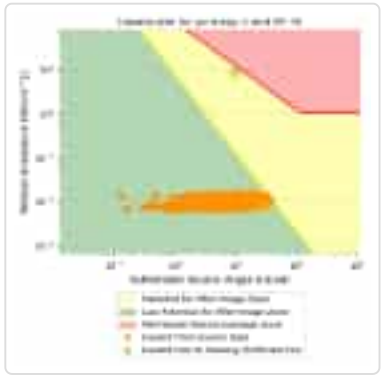
PV array 3: OP 46

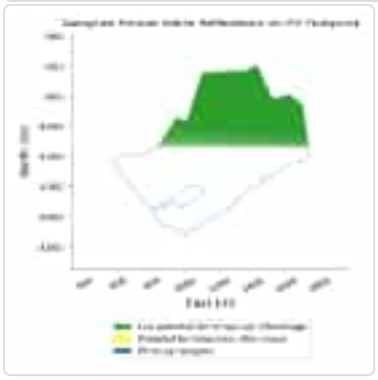
PV array is expected to produce the following glare for this receptor:

- 1,107 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 47

No glare found

PV array 3: OP 48

No glare found

PV array 3: OP 49

No glare found

PV array 3: OP 50

No glare found

PV array 3: OP 51

No glare found

PV array 3: OP 52

No glare found

PV array 3: OP 53

No glare found

PV array 3: OP 54

No glare found

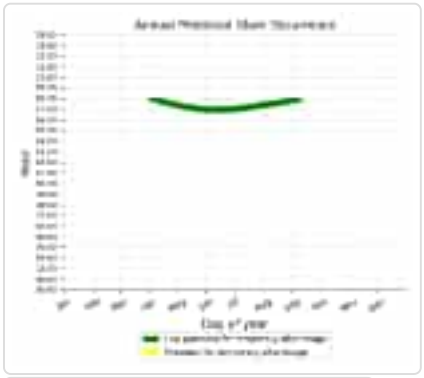
PV array 3: OP 55

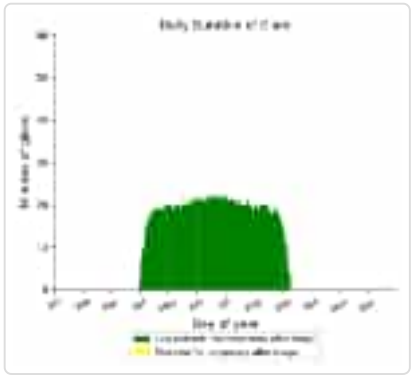
No glare found

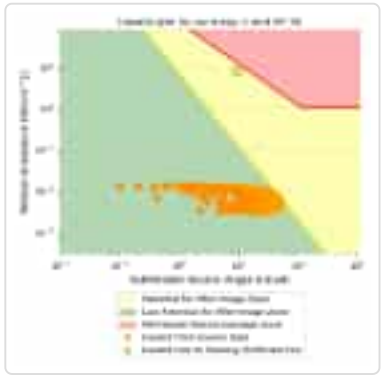
PV array 3: OP 56

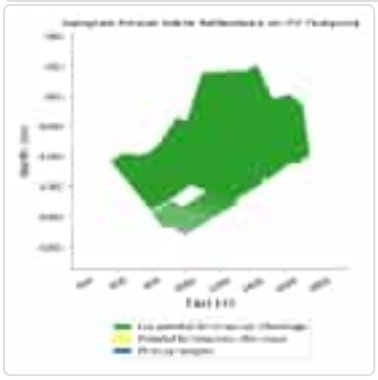
PV array is expected to produce the following glare for this receptor:

- 3,066 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





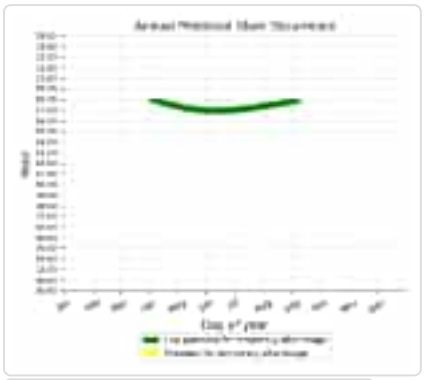


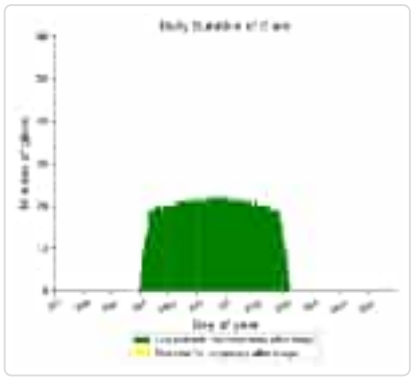


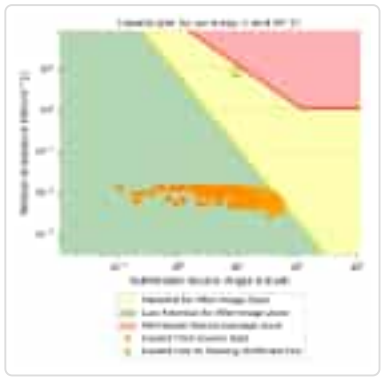
PV array 3: OP 57

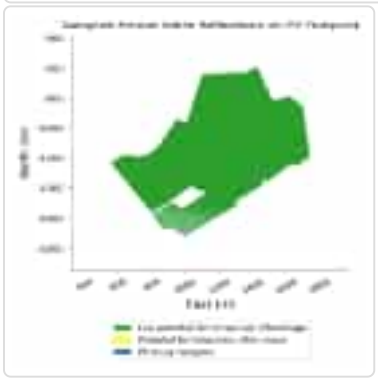
PV array is expected to produce the following glare for this receptor:

- 3,106 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





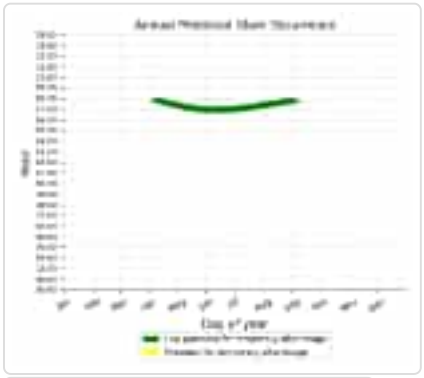


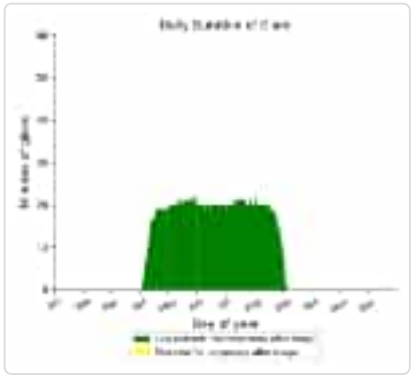


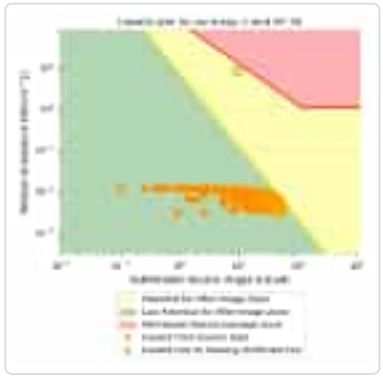
PV array 3: OP 58

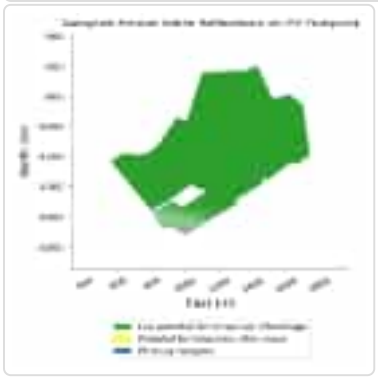
PV array is expected to produce the following glare for this receptor:

- 2,867 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





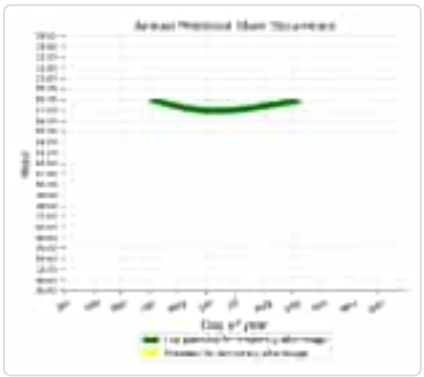


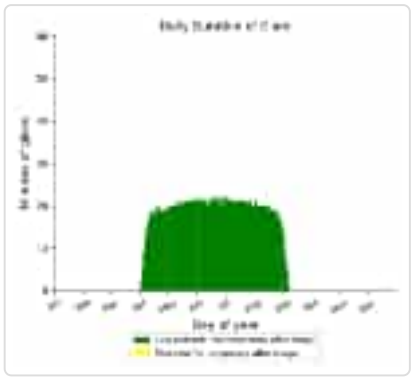


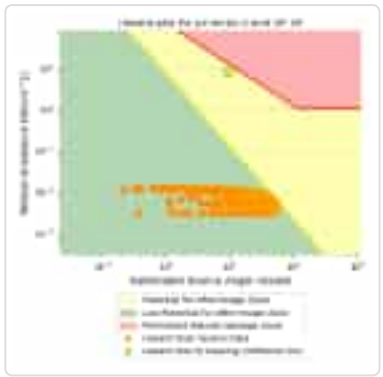
PV array 3: OP 59

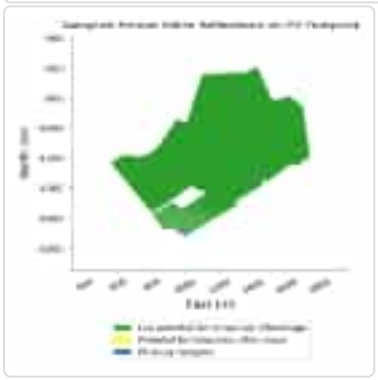
PV array is expected to produce the following glare for this receptor:

- 3,062 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





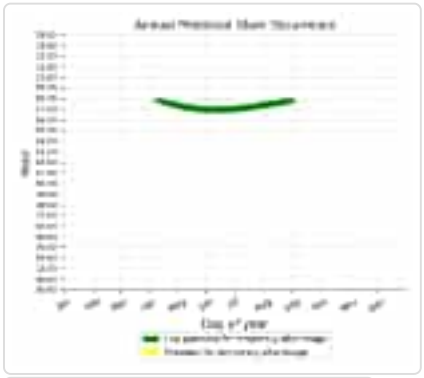


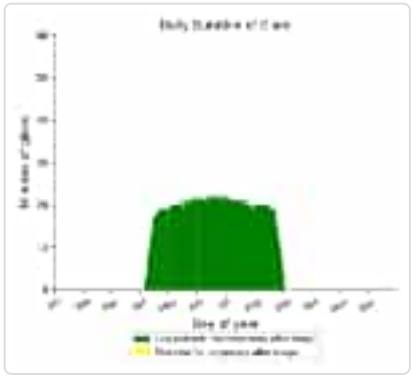


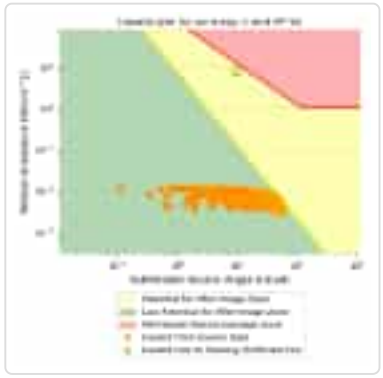
PV array 3: OP 60

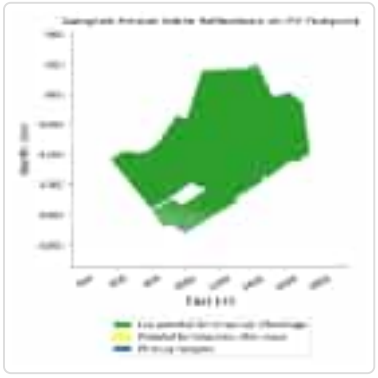
PV array is expected to produce the following glare for this receptor:

- 2,855 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





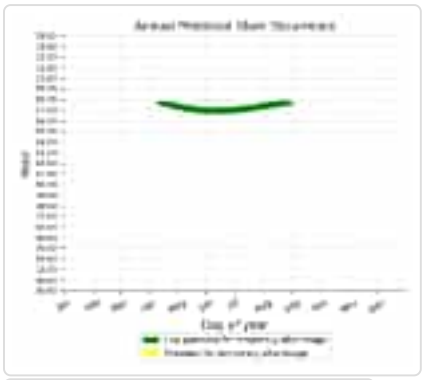


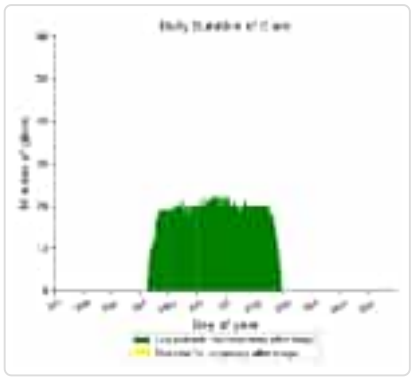


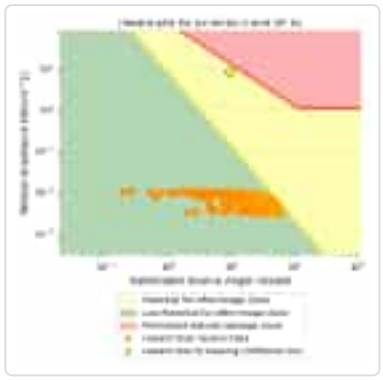
PV array 3: OP 61

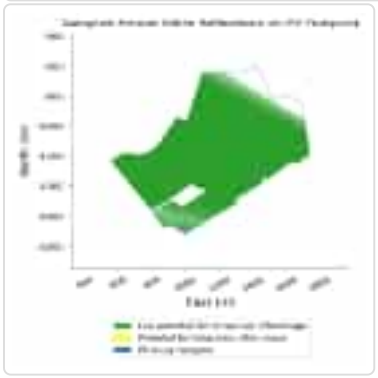
PV array is expected to produce the following glare for this receptor:

- 2,710 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





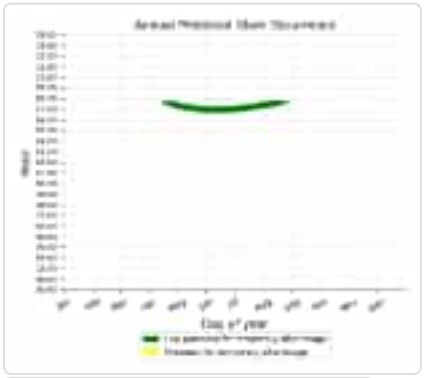


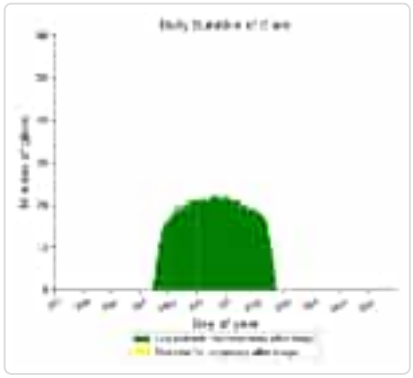


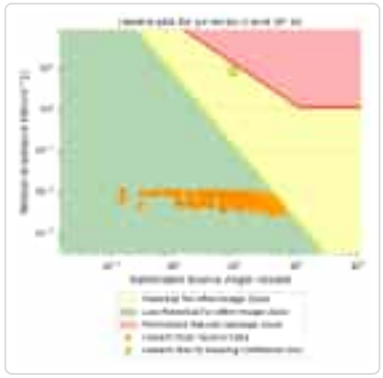
PV array 3: OP 62

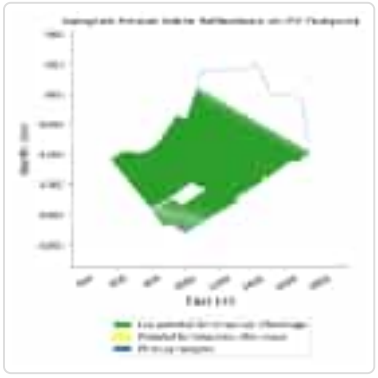
PV array is expected to produce the following glare for this receptor:

- 2,388 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





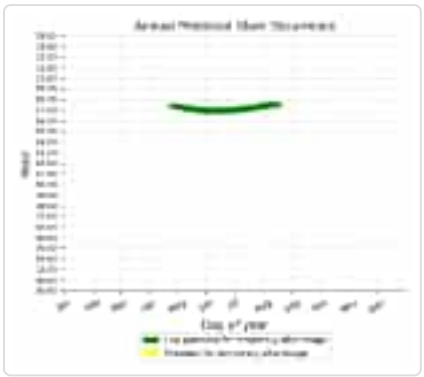


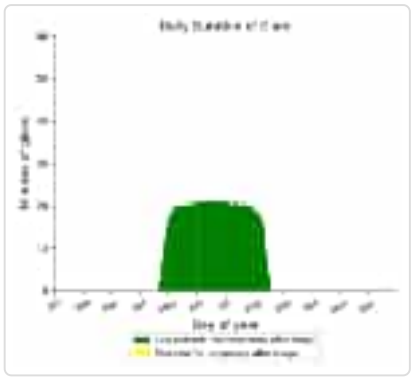


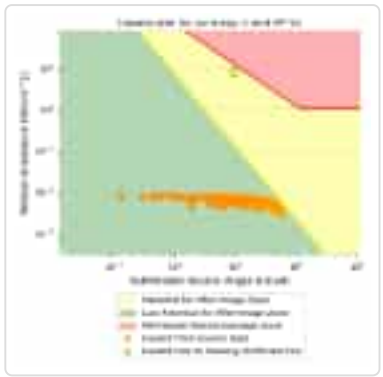
PV array 3: OP 63

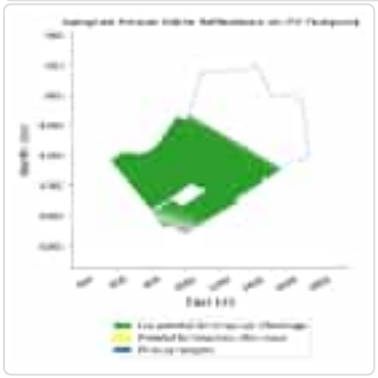
PV array is expected to produce the following glare for this receptor:

- 2,209 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





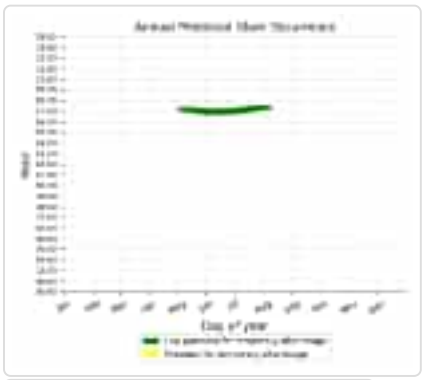


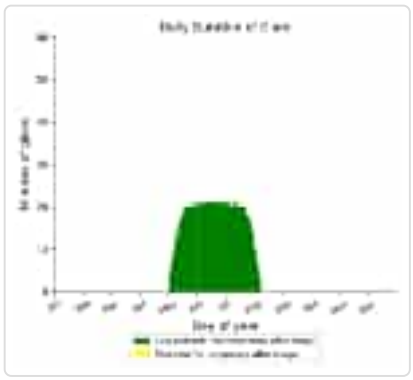


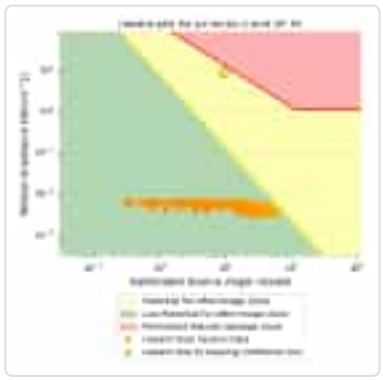
PV array 3: OP 64

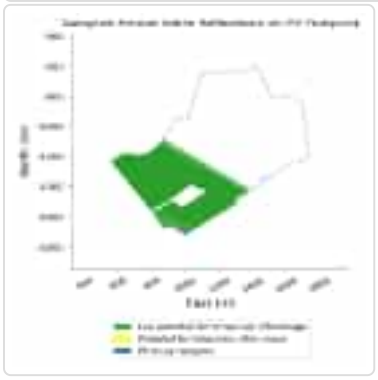
PV array is expected to produce the following glare for this receptor:

- 1,762 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





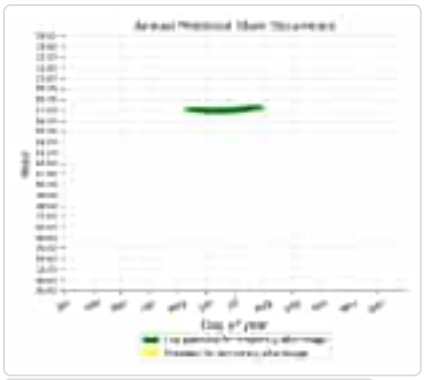


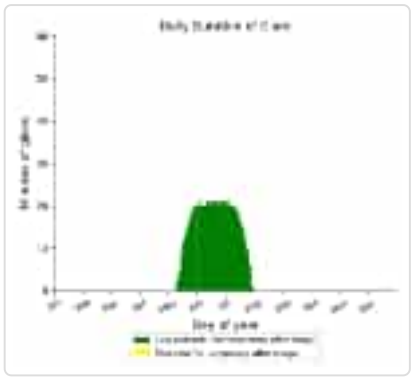


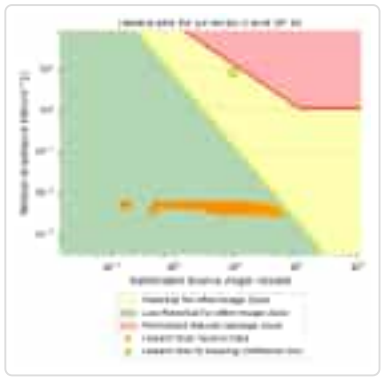
PV array 3: OP 65

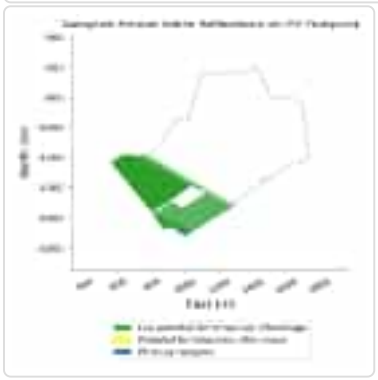
PV array is expected to produce the following glare for this receptor:

- 1,368 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





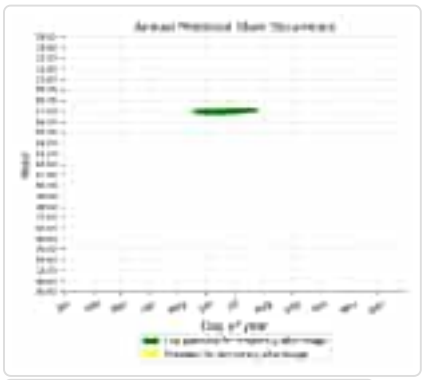


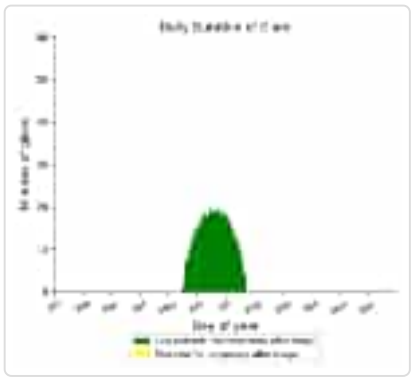


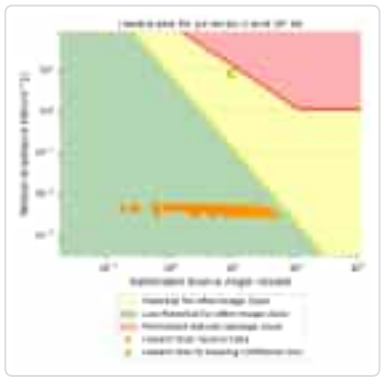
PV array 3: OP 66

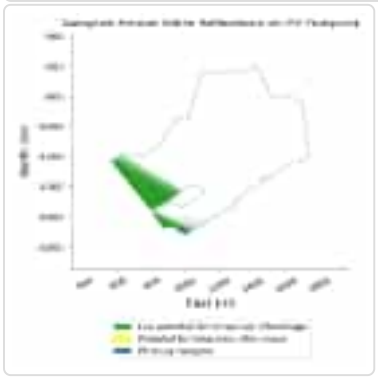
PV array is expected to produce the following glare for this receptor:

- 973 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





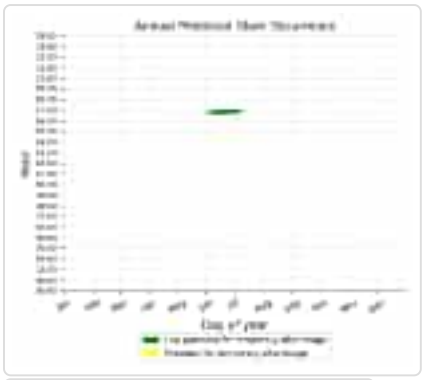


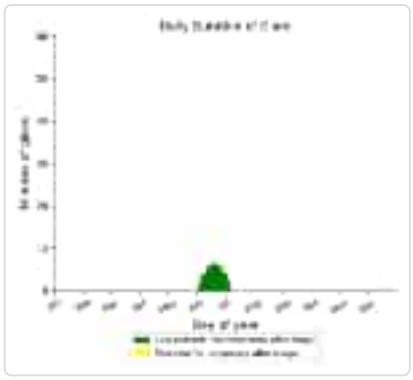


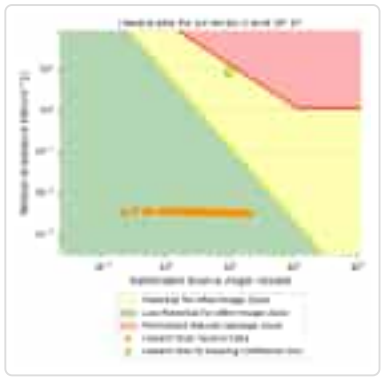
PV array 3: OP 67

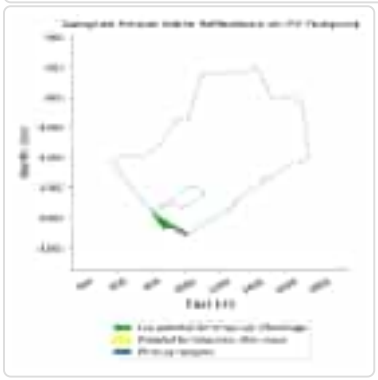
PV array is expected to produce the following glare for this receptor:

- 161 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 68

No glare found

PV array 3: OP 69

No glare found

PV array 3: OP 70

No glare found

PV array 3: OP 71

No glare found

PV array 3: OP 72

No glare found

PV array 3: OP 73

No glare found

PV array 4 potential temporary after-image

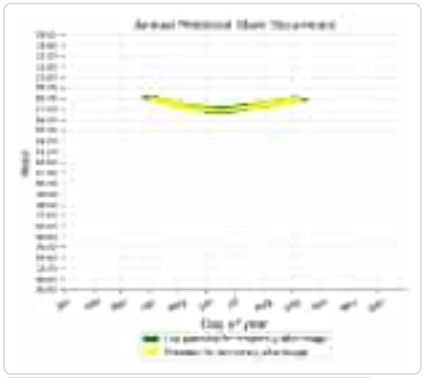
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	1844	1730
OP: OP 2	1373	2717
OP: OP 3	2570	1128
OP: OP 4	3340	0
OP: OP 5	3151	0
OP: OP 6	2913	0
OP: OP 7	2282	0
OP: OP 8	1051	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	1171	2971
OP: OP 33	2676	0

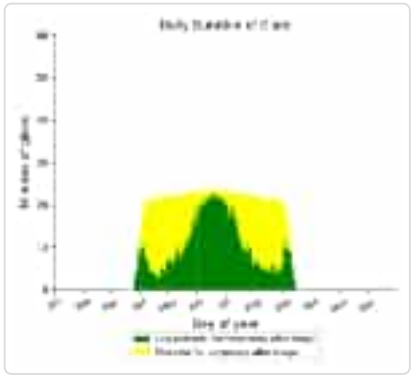
OP: OP 34	2398	0
OP: OP 35	2077	0
OP: OP 36	2020	0
OP: OP 37	1784	0
OP: OP 38	1243	0
OP: OP 39	687	0
OP: OP 40	918	0
OP: OP 41	1647	0
OP: OP 42	2350	0
OP: OP 43	2520	0
OP: OP 44	2898	0
OP: OP 45	3218	0
OP: OP 46	3080	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	1872	0
OP: OP 57	1768	0
OP: OP 58	1396	0
OP: OP 59	1695	0
OP: OP 60	1340	0
OP: OP 61	701	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0

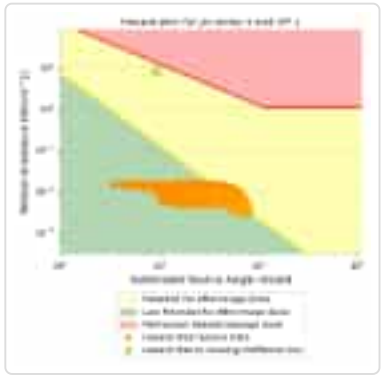
PV array 4: OP 1

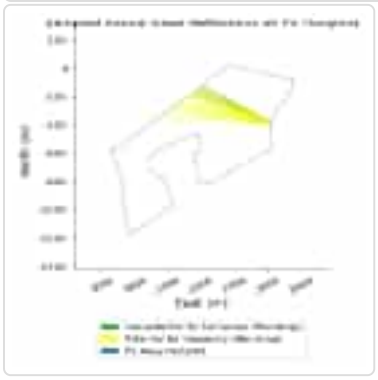
PV array is expected to produce the following glare for this receptor:

- 1,844 minutes of "green" glare with low potential to cause temporary after-image.
- 1,730 minutes of "yellow" glare with potential to cause temporary after-image.





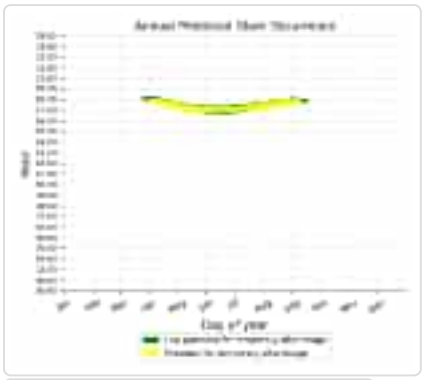


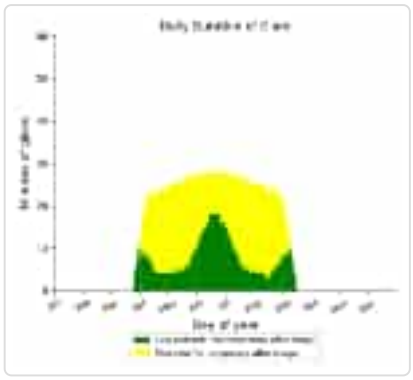


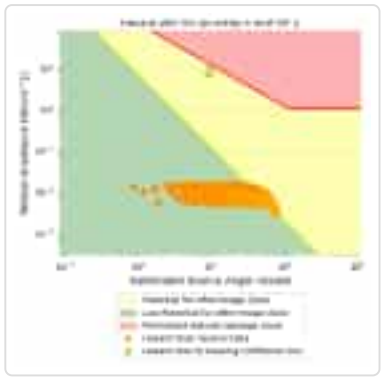
PV array 4: OP 2

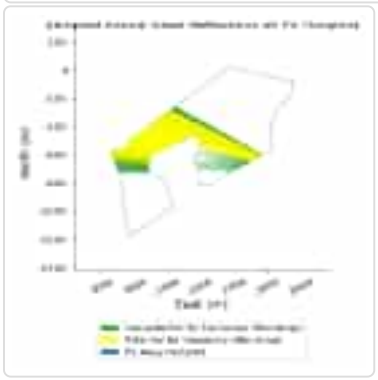
PV array is expected to produce the following glare for this receptor:

- 1,373 minutes of "green" glare with low potential to cause temporary after-image.
- 2,717 minutes of "yellow" glare with potential to cause temporary after-image.





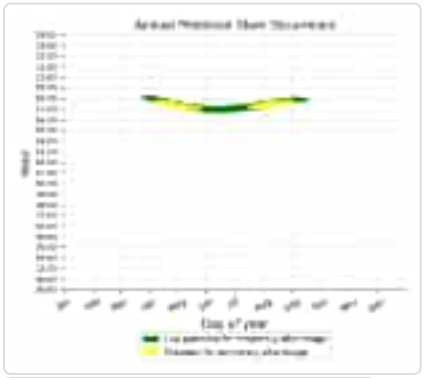


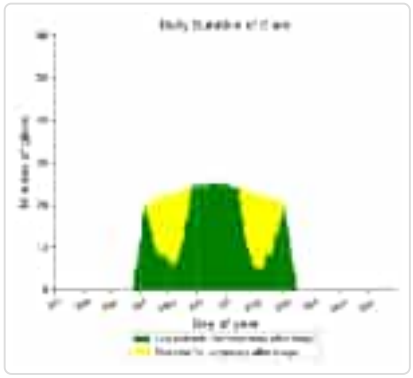


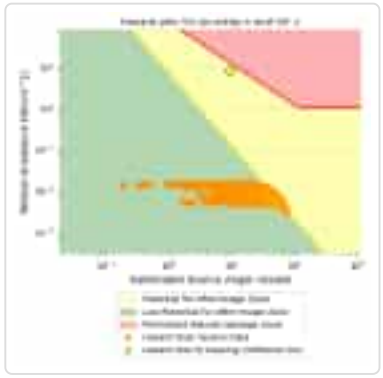
PV array 4: OP 3

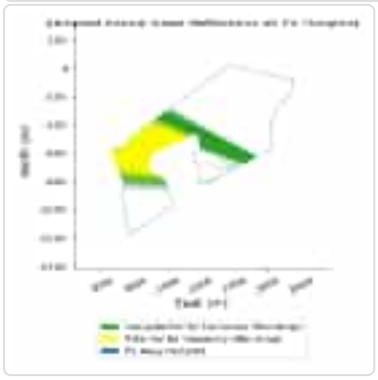
PV array is expected to produce the following glare for this receptor:

- 2,570 minutes of "green" glare with low potential to cause temporary after-image.
- 1,128 minutes of "yellow" glare with potential to cause temporary after-image.





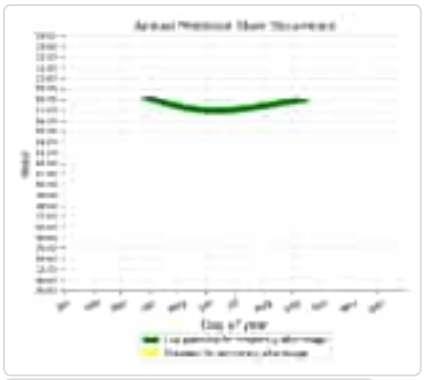


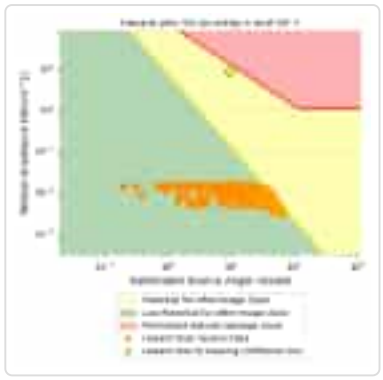


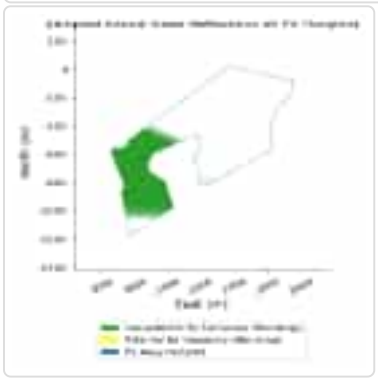
PV array 4: OP 4

PV array is expected to produce the following glare for this receptor:

- 3,340 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



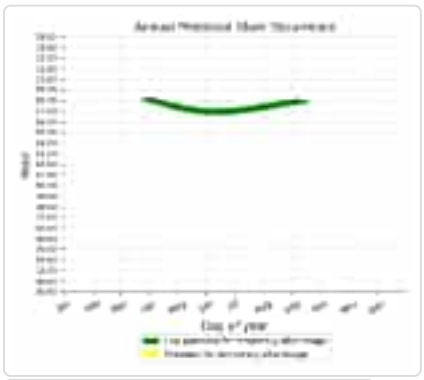


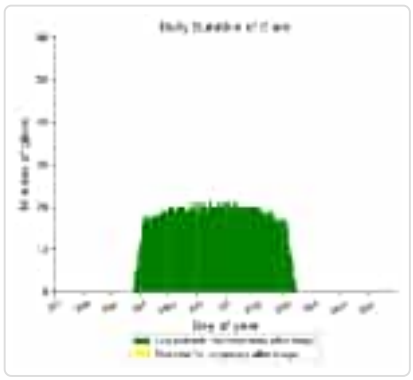


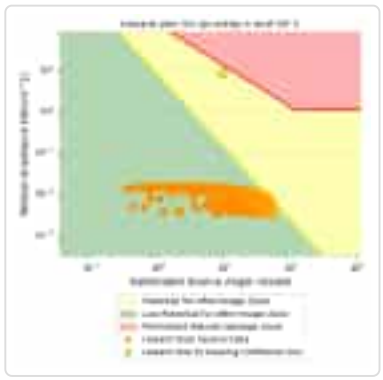
PV array 4: OP 5

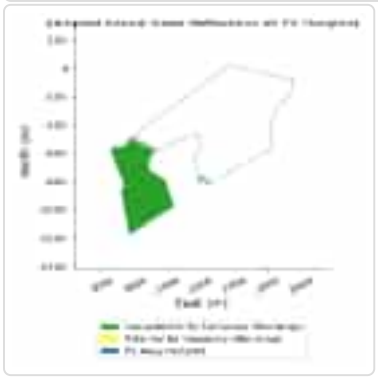
PV array is expected to produce the following glare for this receptor:

- 3,151 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





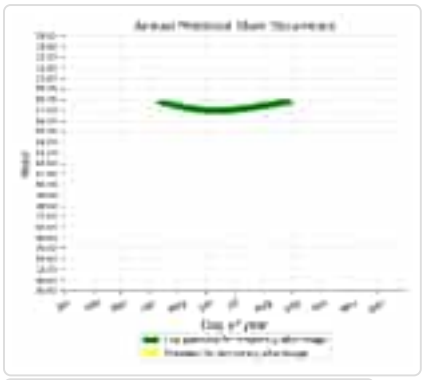


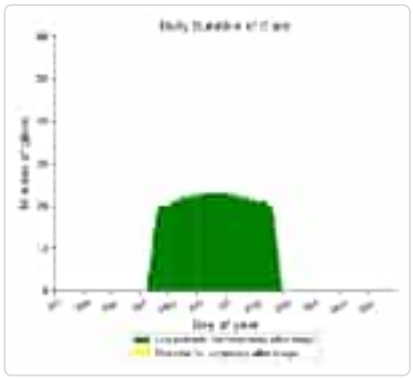


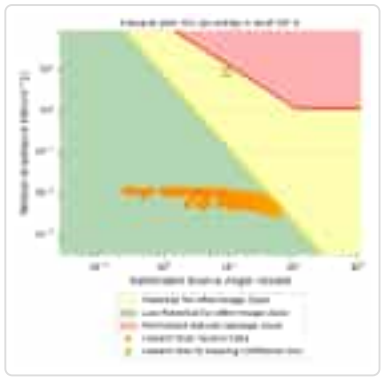
PV array 4: OP 6

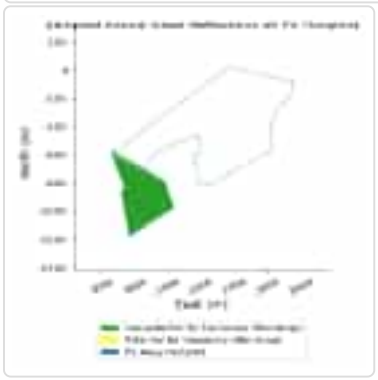
PV array is expected to produce the following glare for this receptor:

- 2,913 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





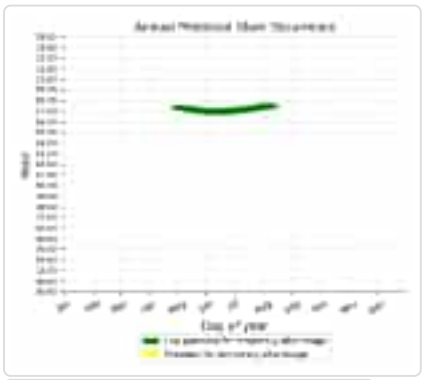


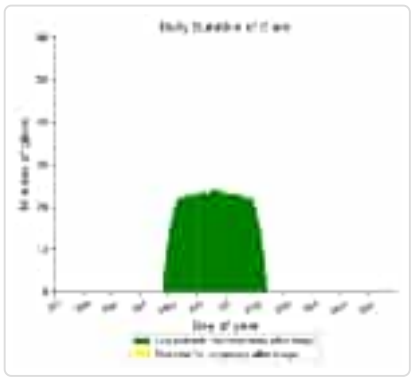


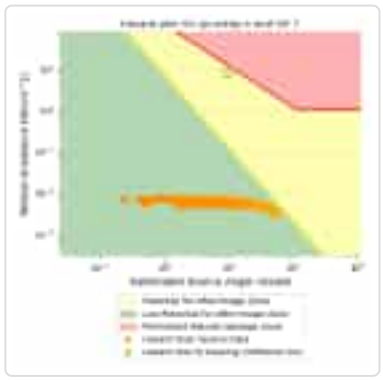
PV array 4: OP 7

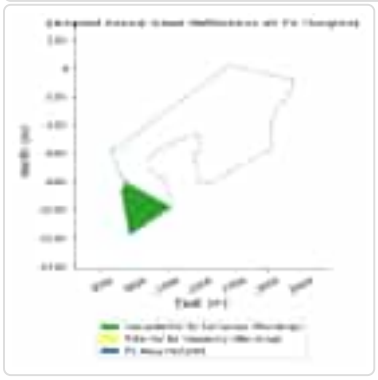
PV array is expected to produce the following glare for this receptor:

- 2,282 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





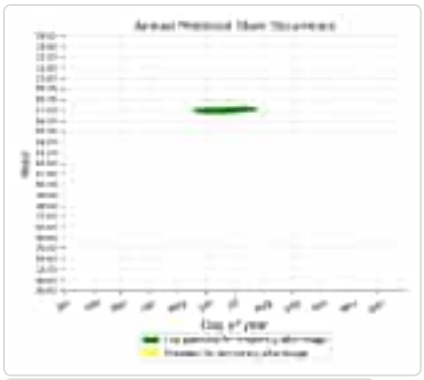


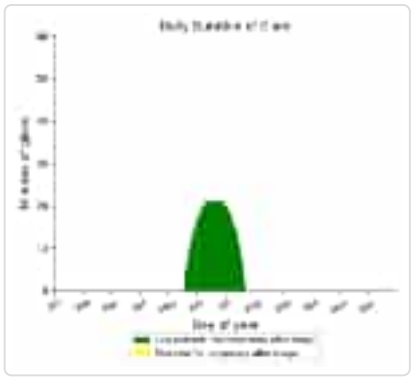


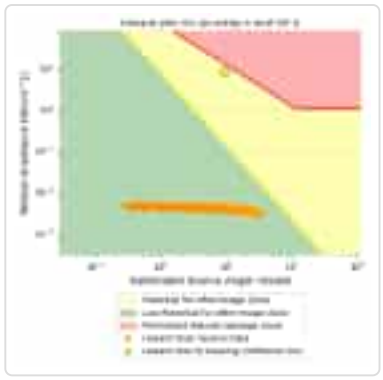
PV array 4: OP 8

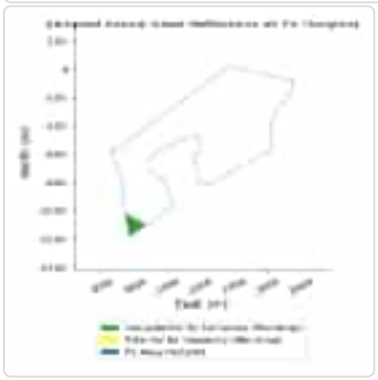
PV array is expected to produce the following glare for this receptor:

- 1,051 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 9

No glare found

PV array 4: OP 10

No glare found

PV array 4: OP 11

No glare found

PV array 4: OP 12

No glare found

PV array 4: OP 13

No glare found

PV array 4: OP 14

No glare found

PV array 4: OP 15

No glare found

PV array 4: OP 16

No glare found

PV array 4: OP 17

No glare found

PV array 4: OP 18

No glare found

PV array 4: OP 19

No glare found

PV array 4: OP 20

No glare found

PV array 4: OP 21

No glare found

PV array 4: OP 22

No glare found

PV array 4: OP 23

No glare found

PV array 4: OP 24

No glare found

PV array 4: OP 25

No glare found

PV array 4: OP 26

No glare found

PV array 4: OP 27

No glare found

PV array 4: OP 28

No glare found

PV array 4: OP 29

No glare found

PV array 4: OP 30

No glare found

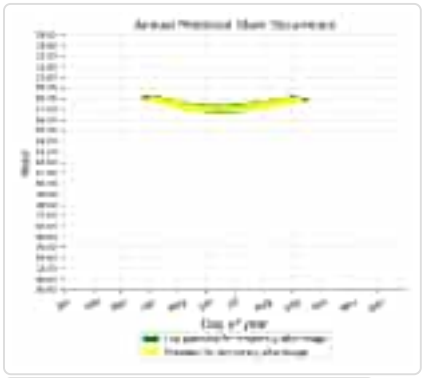
PV array 4: OP 31

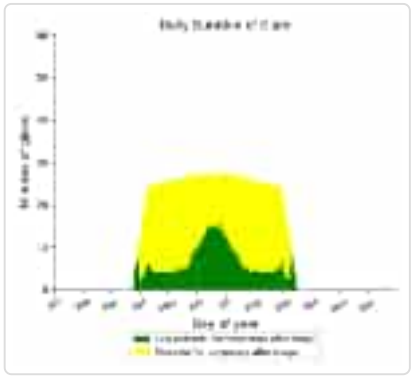
No glare found

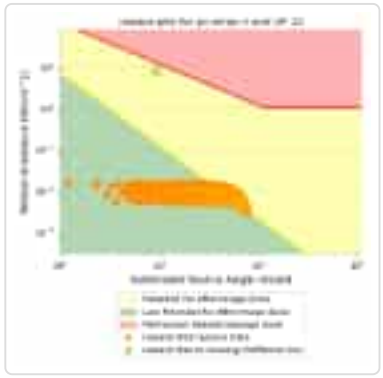
PV array 4: OP 32

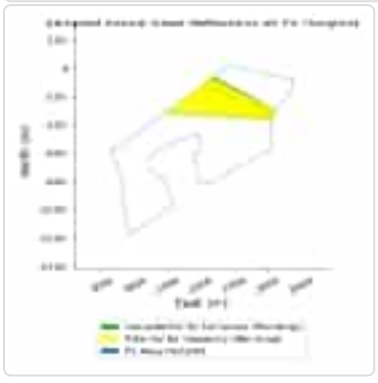
PV array is expected to produce the following glare for this receptor:

- 1,171 minutes of "green" glare with low potential to cause temporary after-image.
- 2,971 minutes of "yellow" glare with potential to cause temporary after-image.





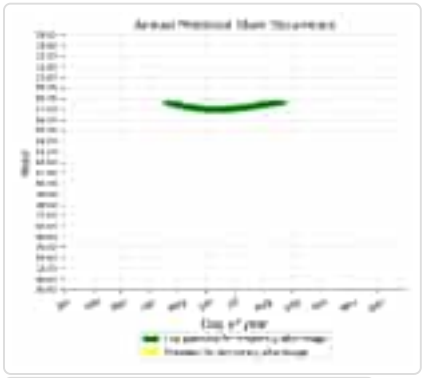


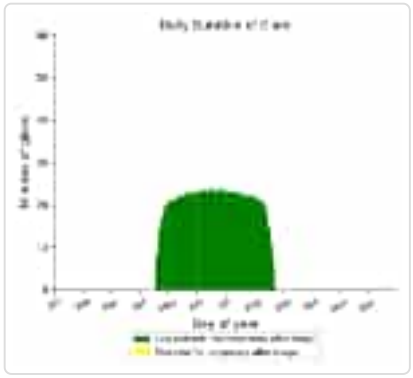


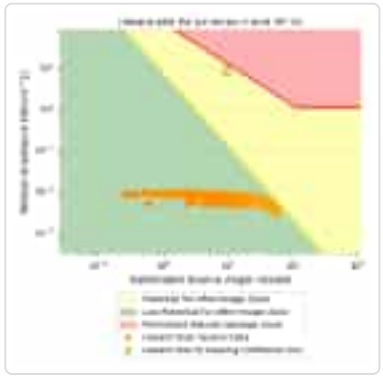
PV array 4: OP 33

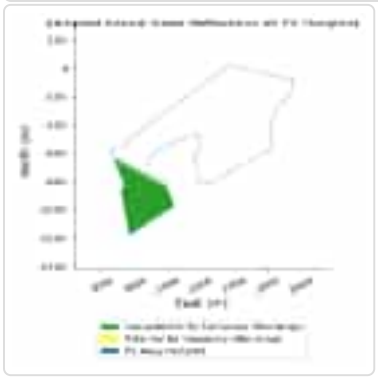
PV array is expected to produce the following glare for this receptor:

- 2,676 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





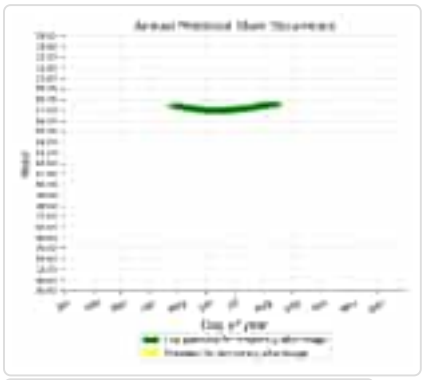


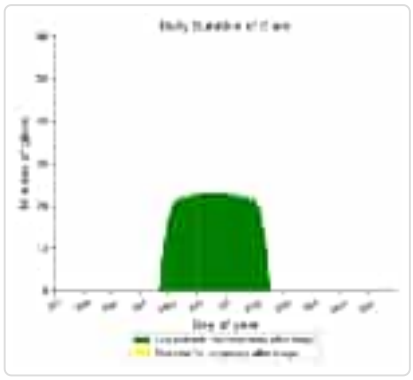


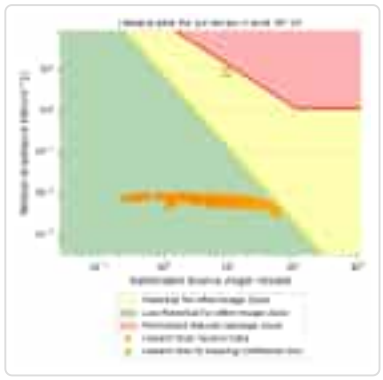
PV array 4: OP 34

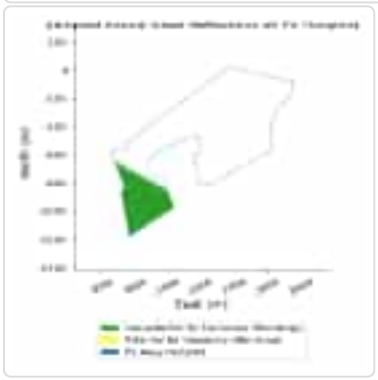
PV array is expected to produce the following glare for this receptor:

- 2,398 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





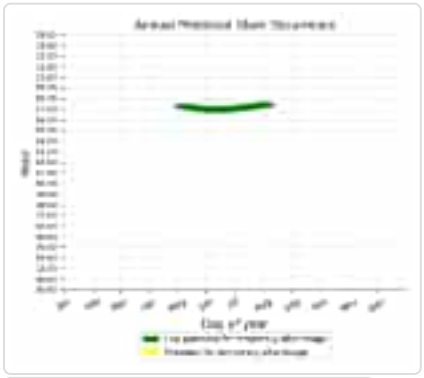


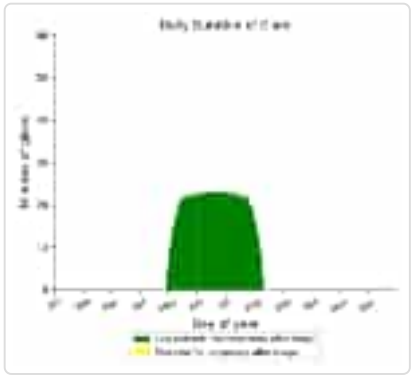


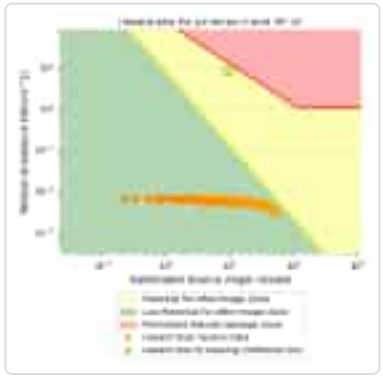
PV array 4: OP 35

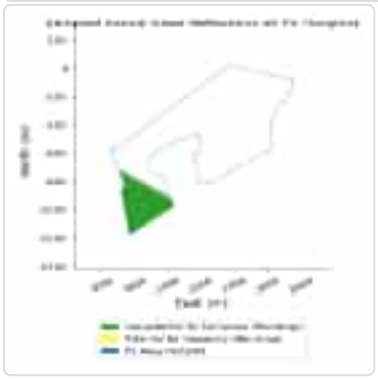
PV array is expected to produce the following glare for this receptor:

- 2,077 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





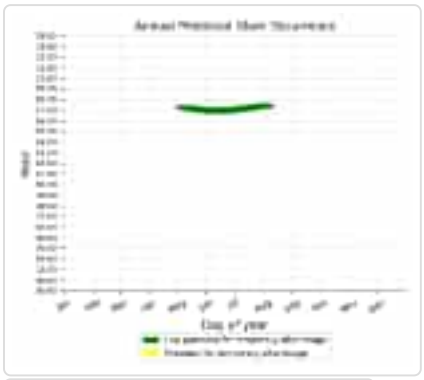


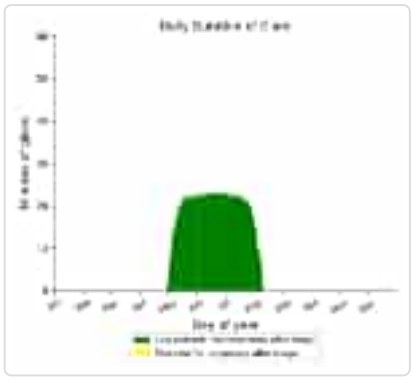


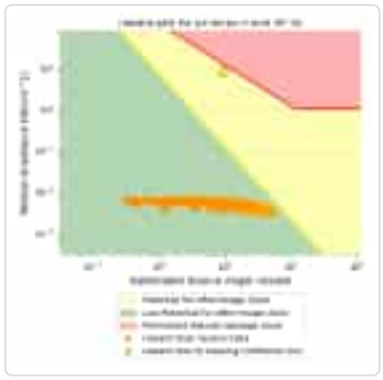
PV array 4: OP 36

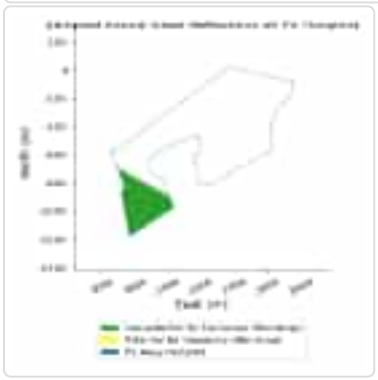
PV array is expected to produce the following glare for this receptor:

- 2,020 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





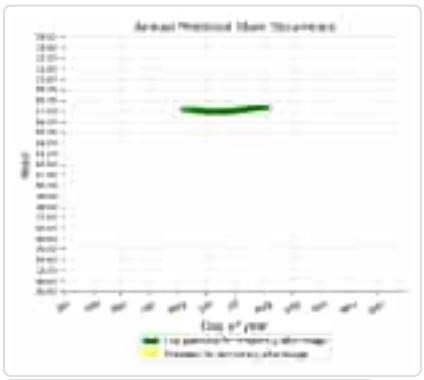


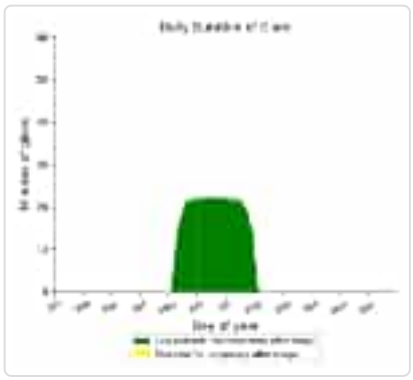


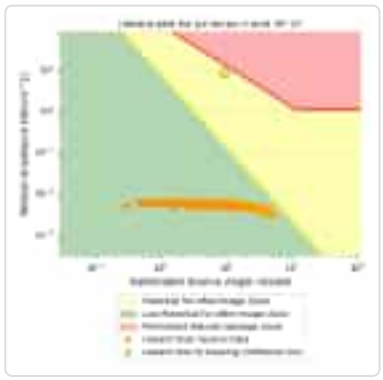
PV array 4: OP 37

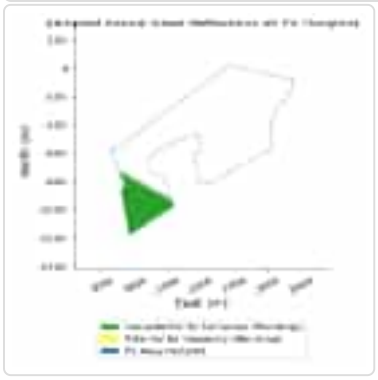
PV array is expected to produce the following glare for this receptor:

- 1,784 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





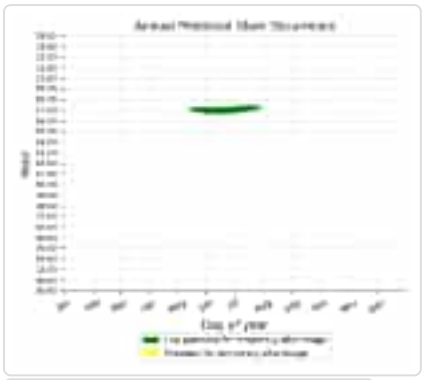


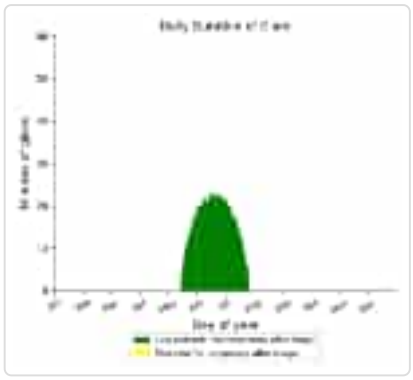


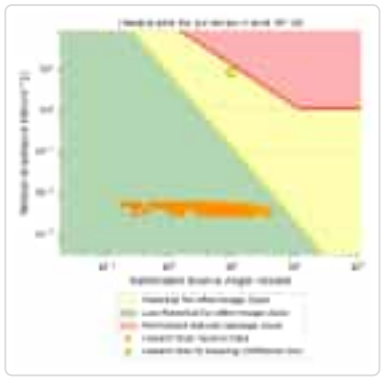
PV array 4: OP 38

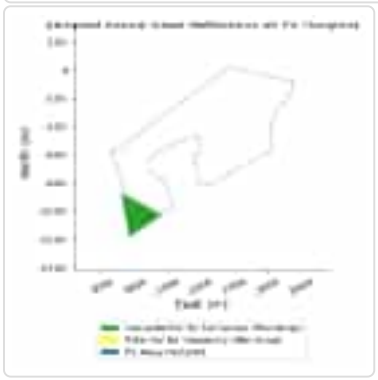
PV array is expected to produce the following glare for this receptor:

- 1,243 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





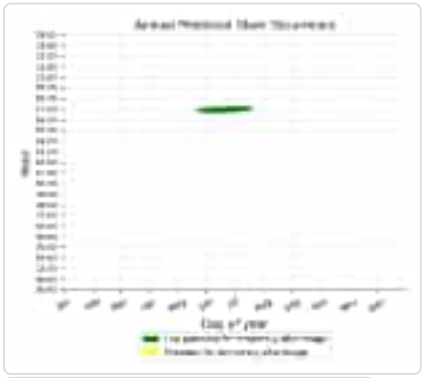


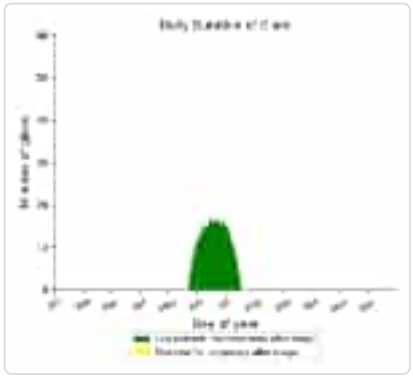


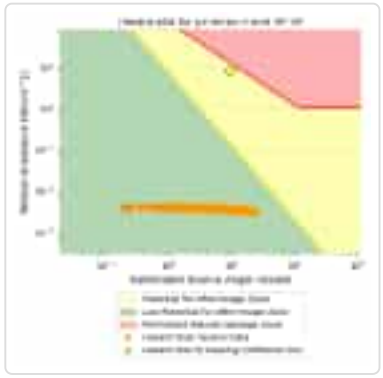
PV array 4: OP 39

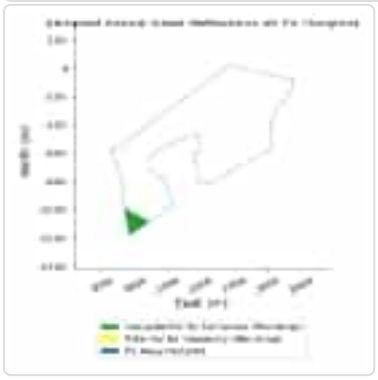
PV array is expected to produce the following glare for this receptor:

- 687 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





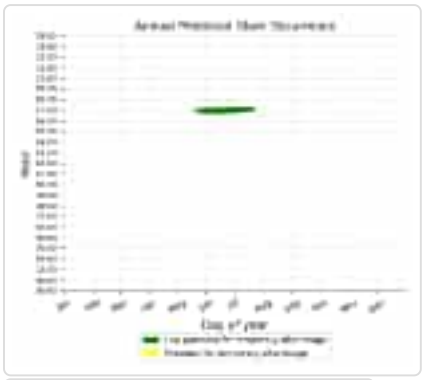


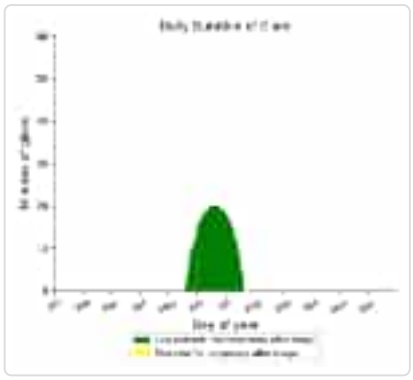


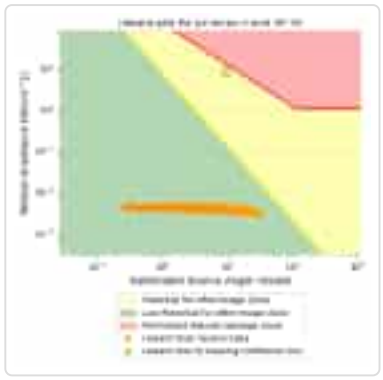
PV array 4: OP 40

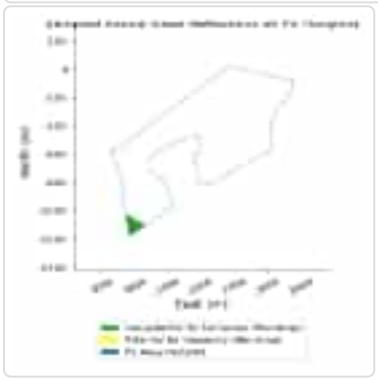
PV array is expected to produce the following glare for this receptor:

- 918 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





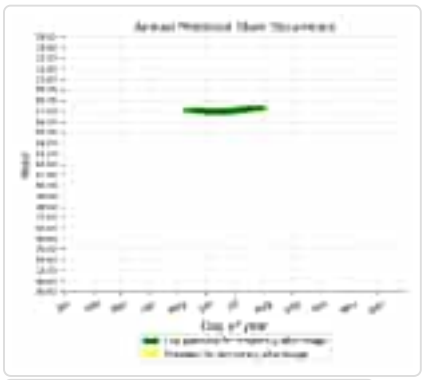


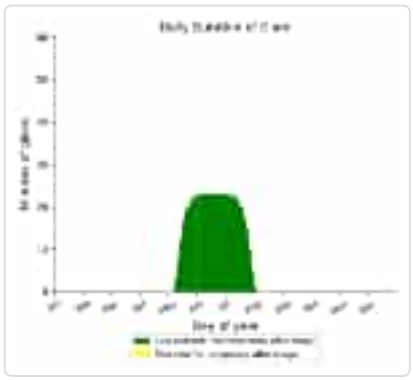


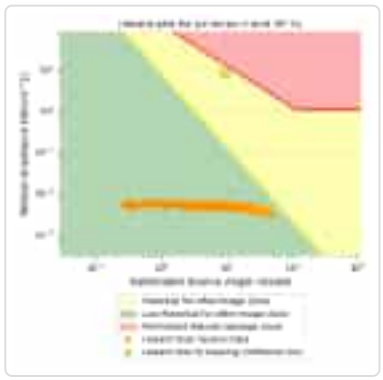
PV array 4: OP 41

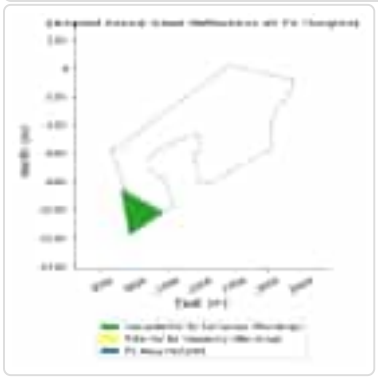
PV array is expected to produce the following glare for this receptor:

- 1,647 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





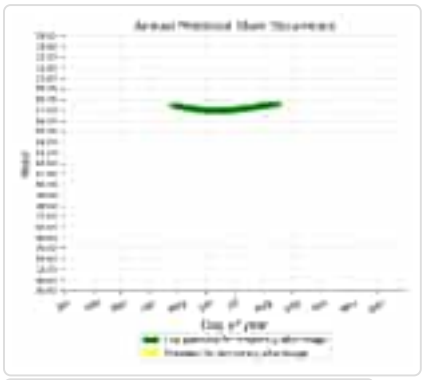


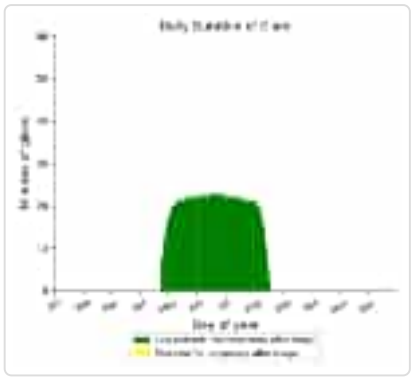


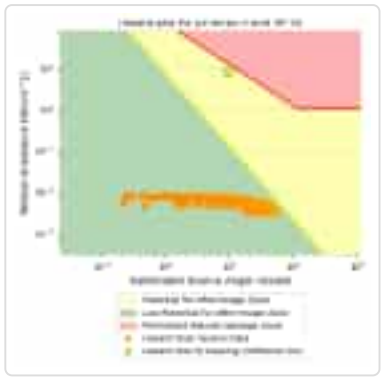
PV array 4: OP 42

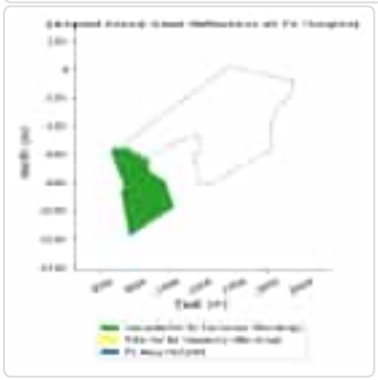
PV array is expected to produce the following glare for this receptor:

- 2,350 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





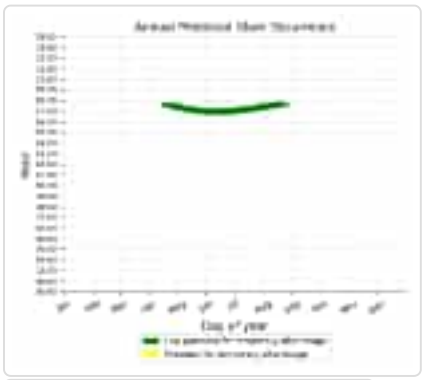


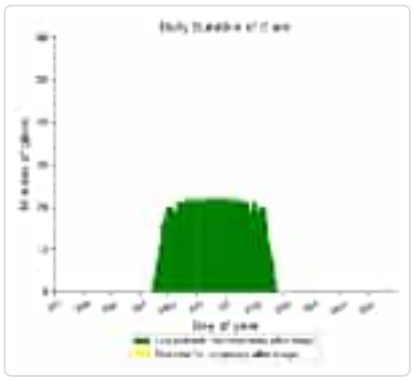


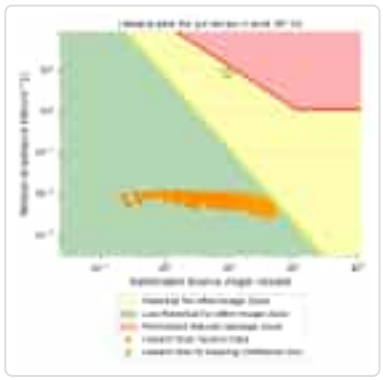
PV array 4: OP 43

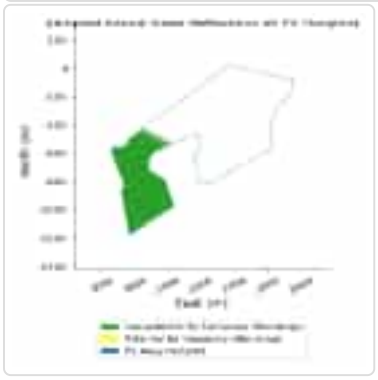
PV array is expected to produce the following glare for this receptor:

- 2,520 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





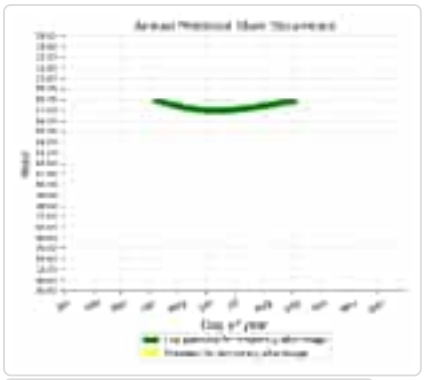


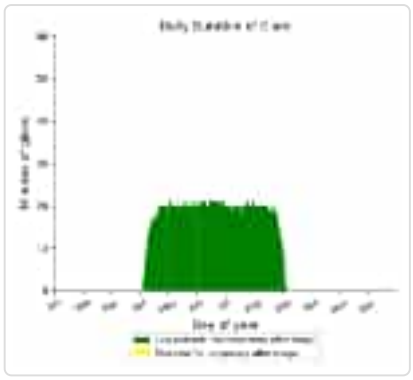


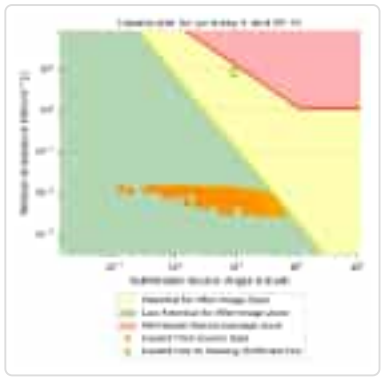
PV array 4: OP 44

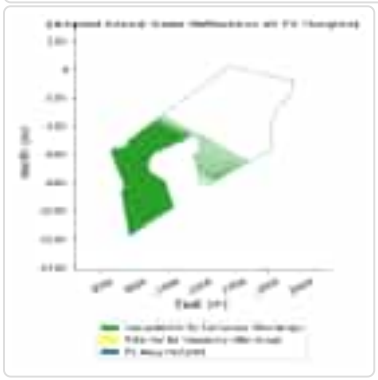
PV array is expected to produce the following glare for this receptor:

- 2,898 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





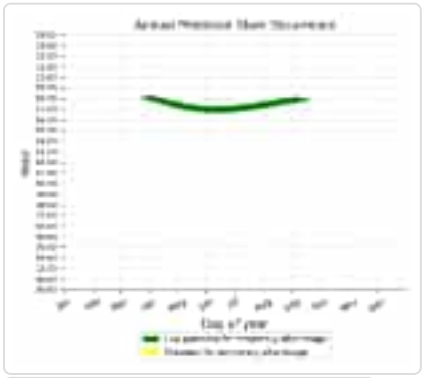


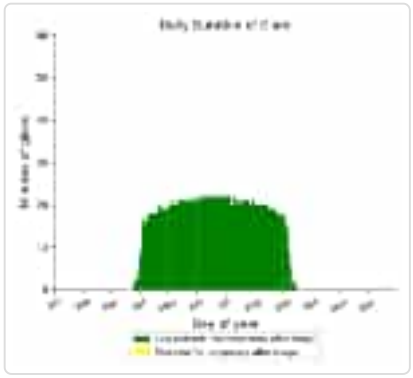


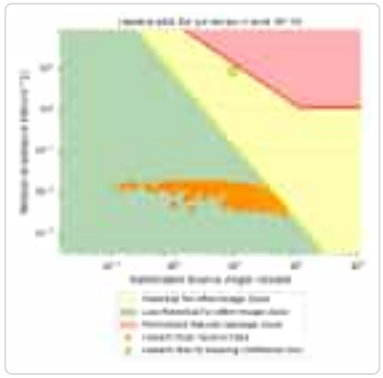
PV array 4: OP 45

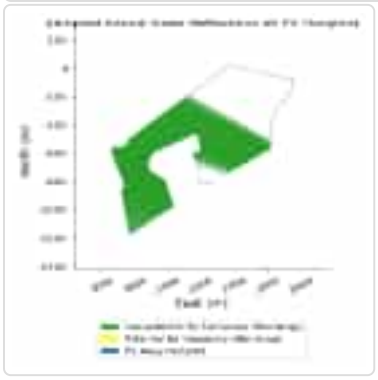
PV array is expected to produce the following glare for this receptor:

- 3,218 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





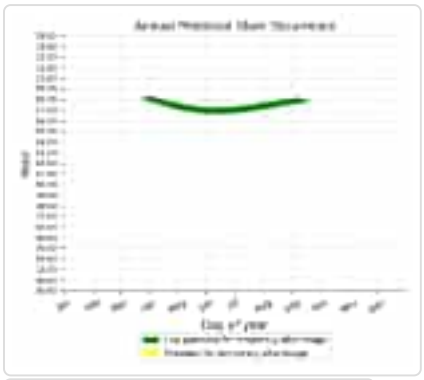


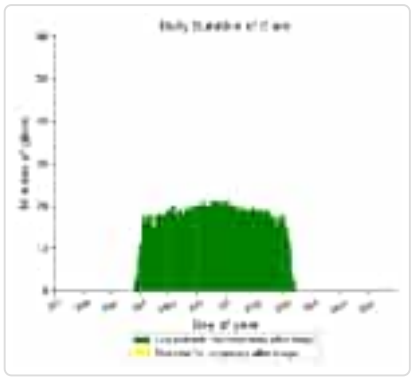


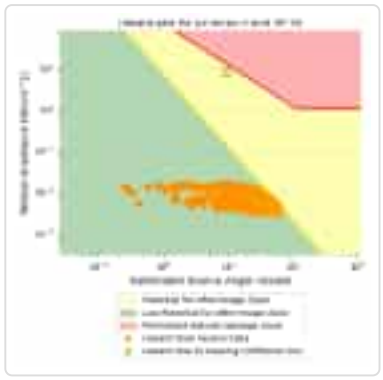
PV array 4: OP 46

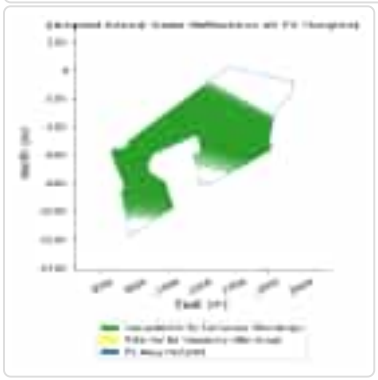
PV array is expected to produce the following glare for this receptor:

- 3,080 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 47

No glare found

PV array 4: OP 48

No glare found

PV array 4: OP 49

No glare found

PV array 4: OP 50

No glare found

PV array 4: OP 51

No glare found

PV array 4: OP 52

No glare found

PV array 4: OP 53

No glare found

PV array 4: OP 54

No glare found

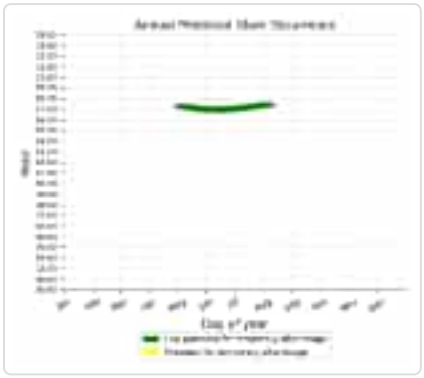
PV array 4: OP 55

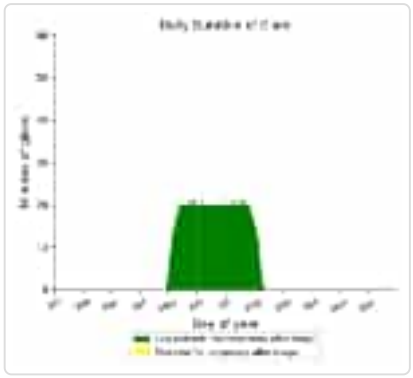
No glare found

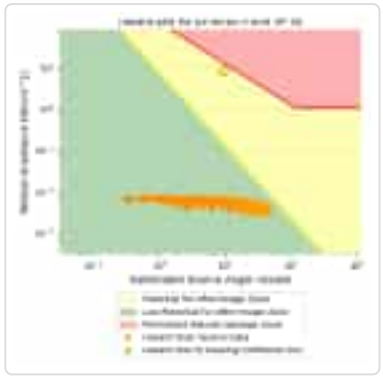
PV array 4: OP 56

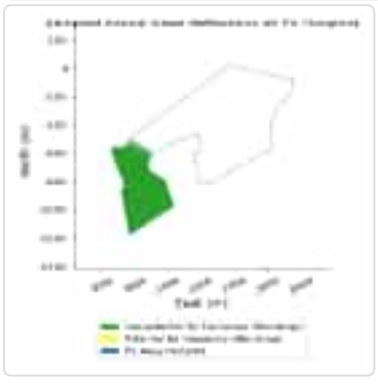
PV array is expected to produce the following glare for this receptor:

- 1,872 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





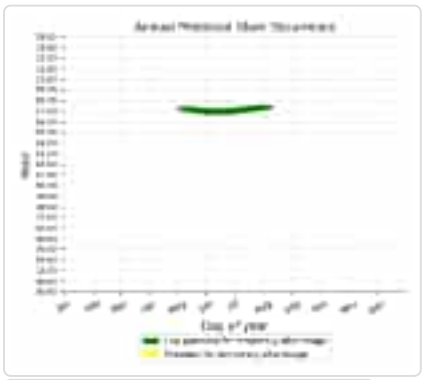


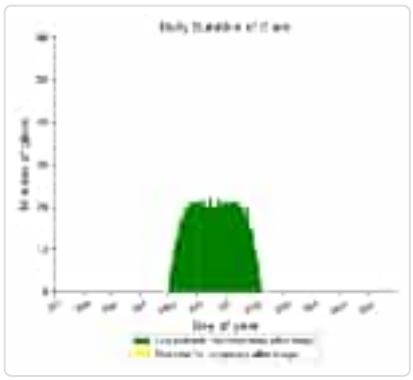


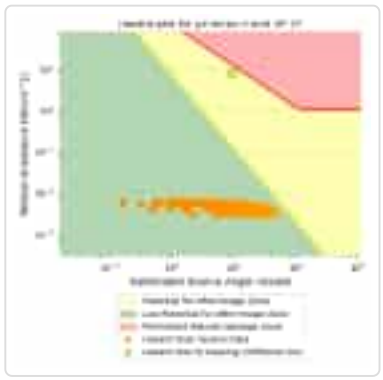
PV array 4: OP 57

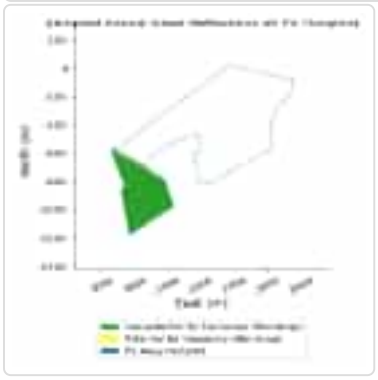
PV array is expected to produce the following glare for this receptor:

- 1,768 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





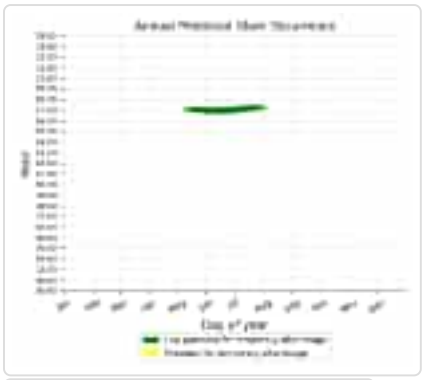


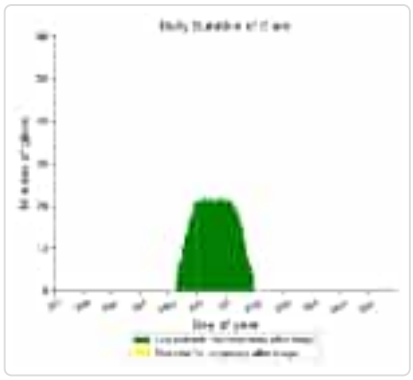


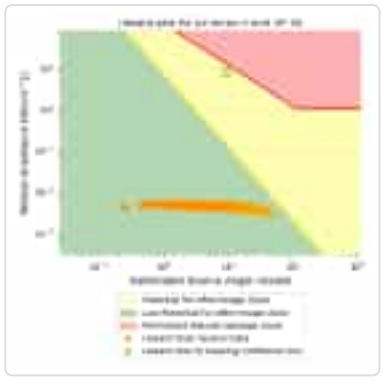
PV array 4: OP 58

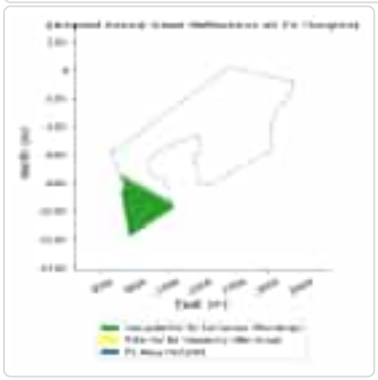
PV array is expected to produce the following glare for this receptor:

- 1,396 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





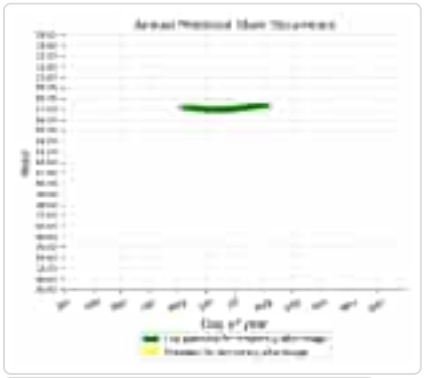


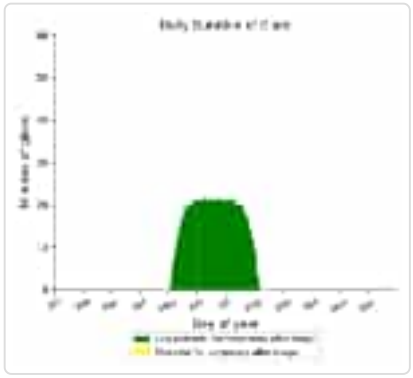


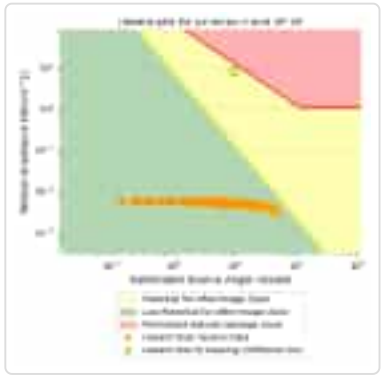
PV array 4: OP 59

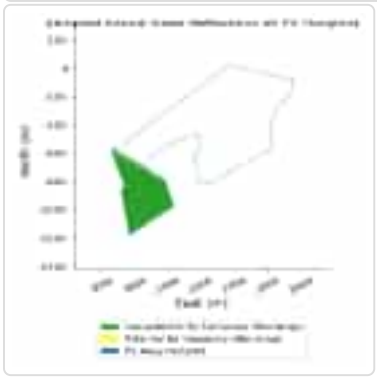
PV array is expected to produce the following glare for this receptor:

- 1,695 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





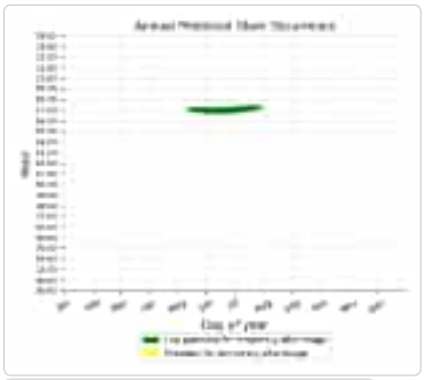


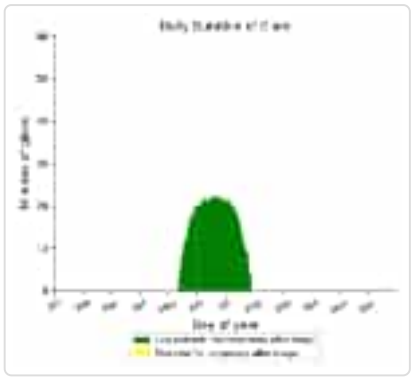


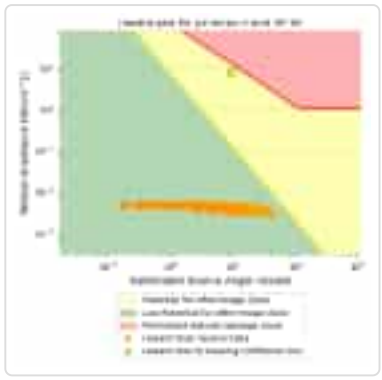
PV array 4: OP 60

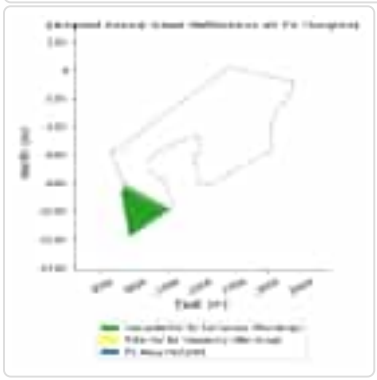
PV array is expected to produce the following glare for this receptor:

- 1,340 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





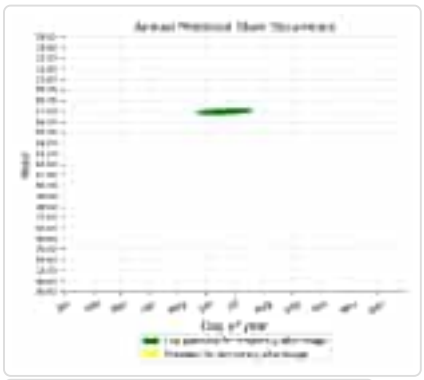


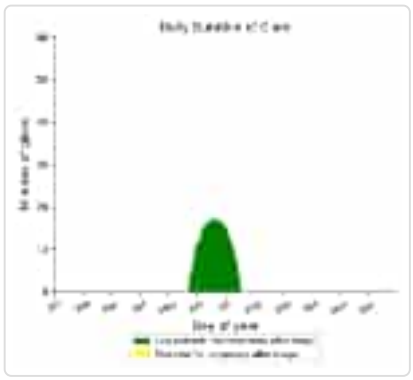


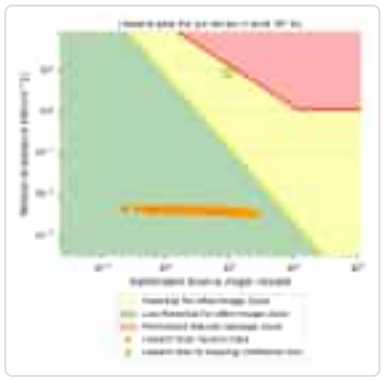
PV array 4: OP 61

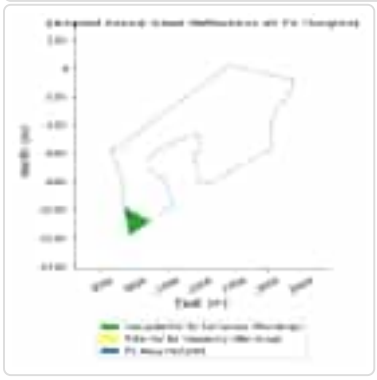
PV array is expected to produce the following glare for this receptor:

- 701 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 62

No glare found

PV array 4: OP 63

No glare found

PV array 4: OP 64

No glare found

PV array 4: OP 65

No glare found

PV array 4: OP 66

No glare found

PV array 4: OP 67

No glare found

PV array 4: OP 68

No glare found

PV array 4: OP 69

No glare found

PV array 4: OP 70

No glare found

PV array 4: OP 71

No glare found

PV array 4: OP 72

No glare found

PV array 4: OP 73

No glare found

PV array 5 low potential for temporary after-image

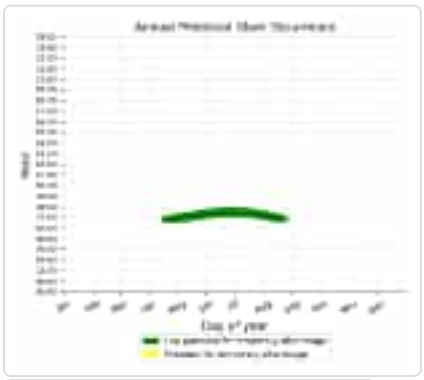
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	4490	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	4126	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0

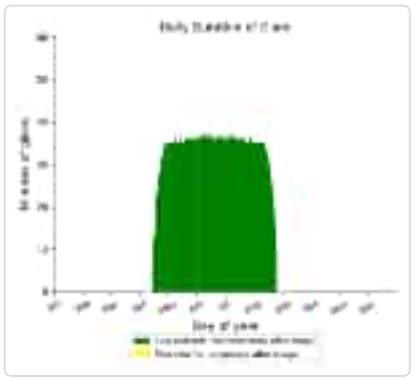
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0

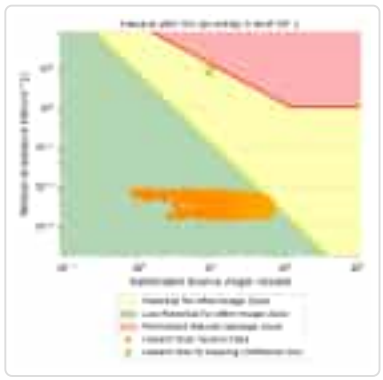
PV array 5: OP 1

PV array is expected to produce the following glare for this receptor:

- 4,490 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 5: OP 2

No glare found

PV array 5: OP 3

No glare found

PV array 5: OP 4

No glare found

PV array 5: OP 5

No glare found

PV array 5: OP 6

No glare found

PV array 5: OP 7

No glare found

PV array 5: OP 8

No glare found

PV array 5: OP 9

No glare found

PV array 5: OP 10

No glare found

PV array 5: OP 11
No glare found

PV array 5: OP 12
No glare found

PV array 5: OP 13
No glare found

PV array 5: OP 14
No glare found

PV array 5: OP 15
No glare found

PV array 5: OP 16
No glare found

PV array 5: OP 17
No glare found

PV array 5: OP 18
No glare found

PV array 5: OP 19
No glare found

PV array 5: OP 20
No glare found

PV array 5: OP 21
No glare found

PV array 5: OP 22
No glare found

PV array 5: OP 23
No glare found

PV array 5: OP 24
No glare found

PV array 5: OP 25
No glare found

PV array 5: OP 26
No glare found

PV array 5: OP 27

No glare found

PV array 5: OP 28

No glare found

PV array 5: OP 29

No glare found

PV array 5: OP 30

No glare found

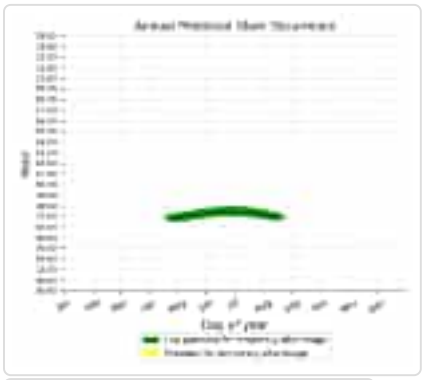
PV array 5: OP 31

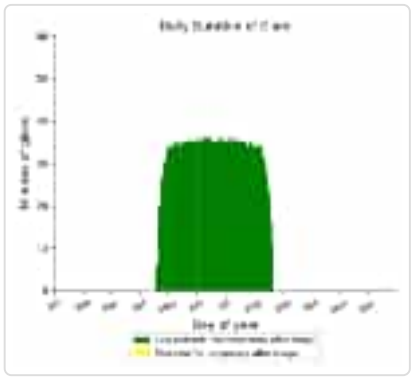
No glare found

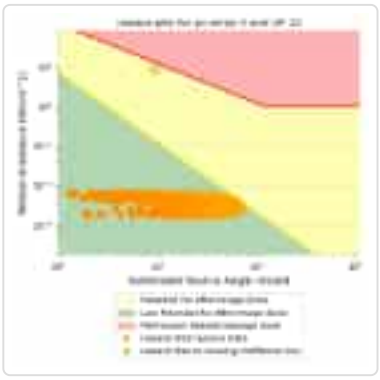
PV array 5: OP 32

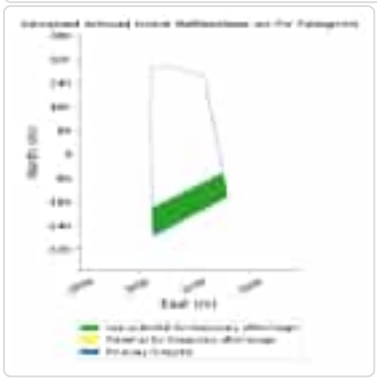
PV array is expected to produce the following glare for this receptor:

- 4,126 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 33

No glare found

PV array 5: OP 34

No glare found

PV array 5: OP 35

No glare found

PV array 5: OP 36

No glare found

PV array 5: OP 37

No glare found

PV array 5: OP 38

No glare found

PV array 5: OP 39

No glare found

PV array 5: OP 40

No glare found

PV array 5: OP 41

No glare found

PV array 5: OP 42

No glare found

PV array 5: OP 43

No glare found

PV array 5: OP 44

No glare found

PV array 5: OP 45

No glare found

PV array 5: OP 46

No glare found

PV array 5: OP 47

No glare found

PV array 5: OP 48

No glare found

PV array 5: OP 49

No glare found

PV array 5: OP 50

No glare found

PV array 5: OP 51

No glare found

PV array 5: OP 52

No glare found

PV array 5: OP 53

No glare found

PV array 5: OP 54

No glare found

PV array 5: OP 55

No glare found

PV array 5: OP 56

No glare found

PV array 5: OP 57

No glare found

PV array 5: OP 58

No glare found

PV array 5: OP 59

No glare found

PV array 5: OP 60

No glare found

PV array 5: OP 61

No glare found

PV array 5: OP 62

No glare found

PV array 5: OP 63

No glare found

PV array 5: OP 64

No glare found

PV array 5: OP 65

No glare found

PV array 5: OP 66

No glare found

PV array 5: OP 67

No glare found

PV array 5: OP 68

No glare found

PV array 5: OP 69

No glare found

PV array 5: OP 70

No glare found

PV array 5: OP 71

No glare found

PV array 5: OP 72

No glare found

PV array 5: OP 73

No glare found

PV array 6 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	2302	2408
OP: OP 3	1757	5380
OP: OP 4	2697	3350
OP: OP 5	1255	2776
OP: OP 6	2356	7249
OP: OP 7	2169	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	632	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	2584	4358

OP: OP 34	3208	0
OP: OP 35	1665	0
OP: OP 36	1580	0
OP: OP 37	901	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	2634	0
OP: OP 43	3165	0
OP: OP 44	3425	0
OP: OP 45	3318	0
OP: OP 46	1470	66
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	1591	0
OP: OP 57	1441	0
OP: OP 58	348	0
OP: OP 59	1179	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0

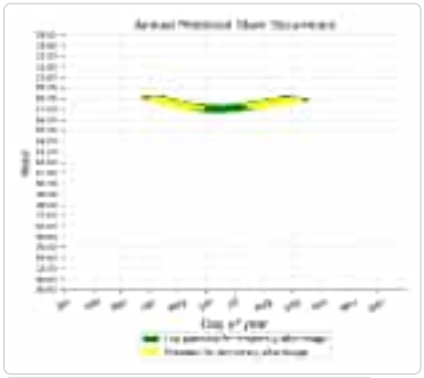
PV array 6: OP 1

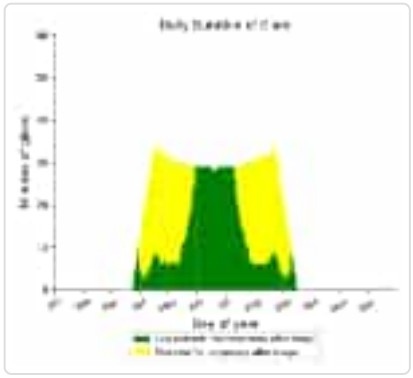
No glare found

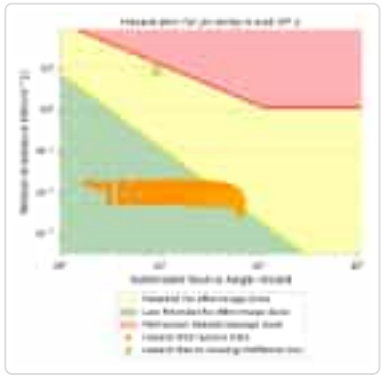
PV array 6: OP 2

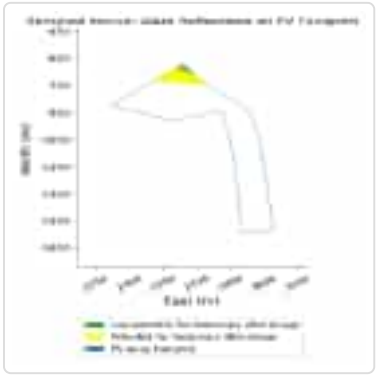
PV array is expected to produce the following glare for this receptor:

- 2,302 minutes of "green" glare with low potential to cause temporary after-image.
- 2,408 minutes of "yellow" glare with potential to cause temporary after-image.





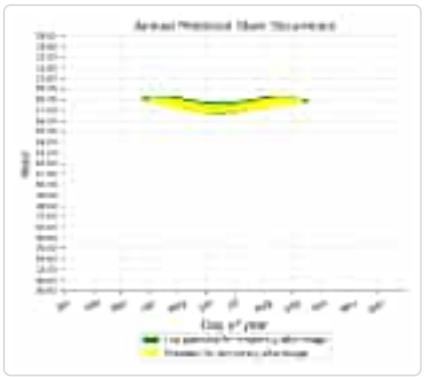


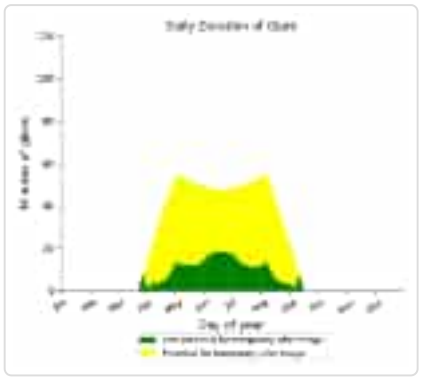


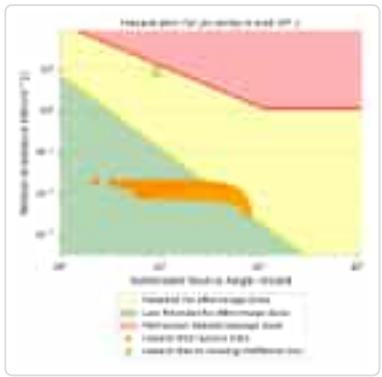
PV array 6: OP 3

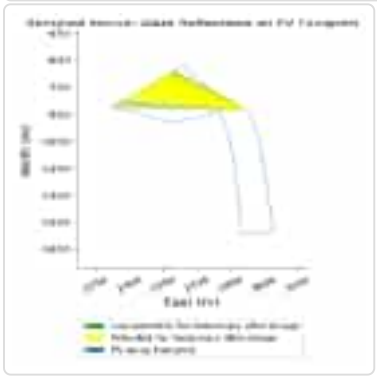
PV array is expected to produce the following glare for this receptor:

- 1,757 minutes of "green" glare with low potential to cause temporary after-image.
- 5,380 minutes of "yellow" glare with potential to cause temporary after-image.





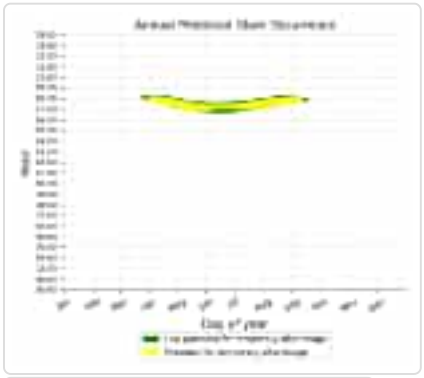


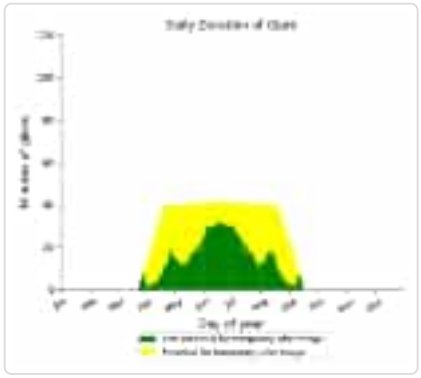


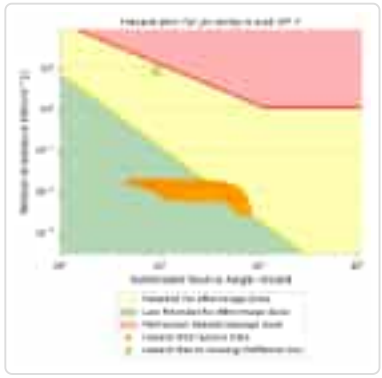
PV array 6: OP 4

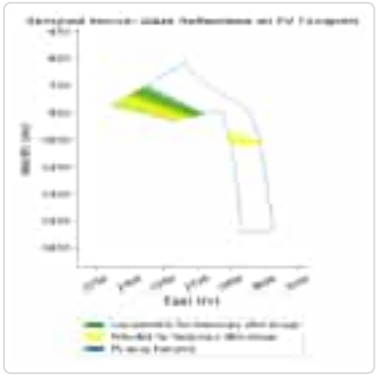
PV array is expected to produce the following glare for this receptor:

- 2,697 minutes of "green" glare with low potential to cause temporary after-image.
- 3,350 minutes of "yellow" glare with potential to cause temporary after-image.





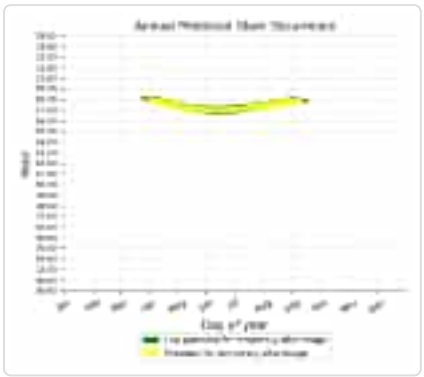


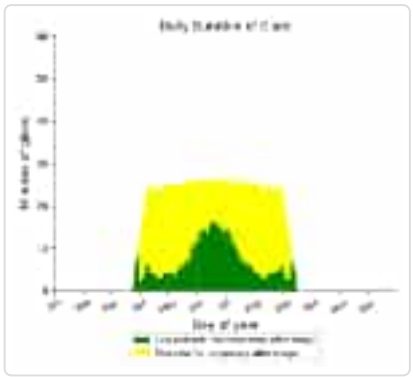


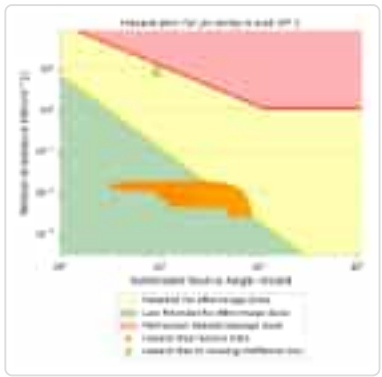
PV array 6: OP 5

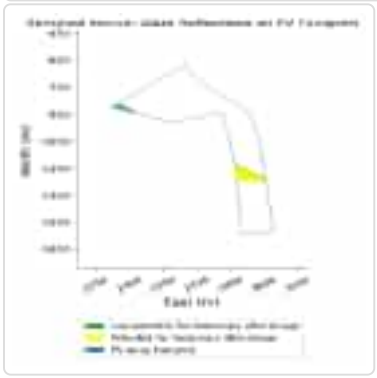
PV array is expected to produce the following glare for this receptor:

- 1,255 minutes of "green" glare with low potential to cause temporary after-image.
- 2,776 minutes of "yellow" glare with potential to cause temporary after-image.





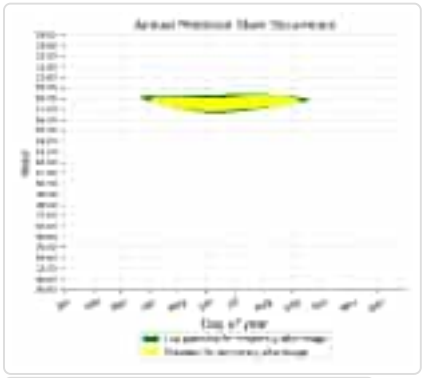


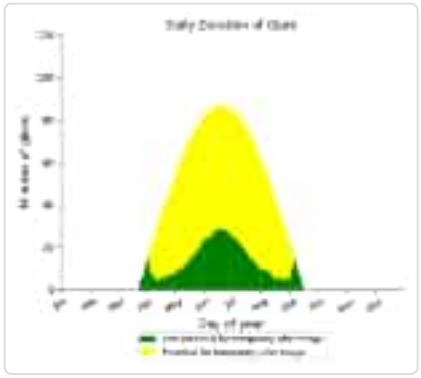


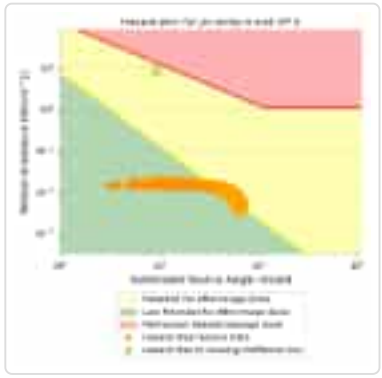
PV array 6: OP 6

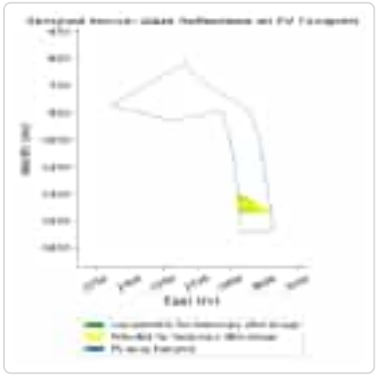
PV array is expected to produce the following glare for this receptor:

- 2,356 minutes of "green" glare with low potential to cause temporary after-image.
- 7,249 minutes of "yellow" glare with potential to cause temporary after-image.





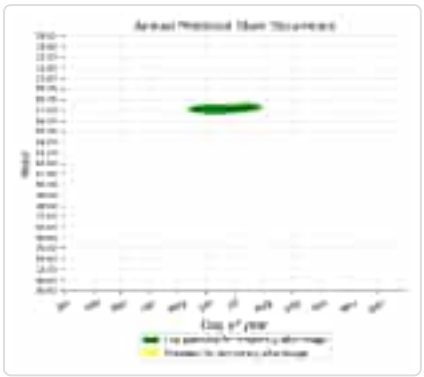


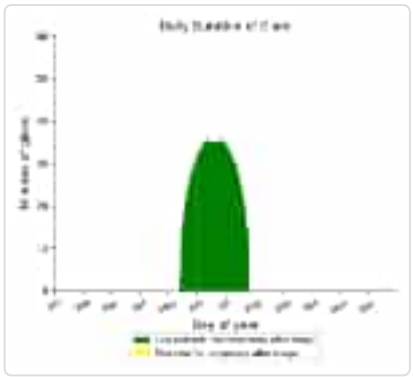


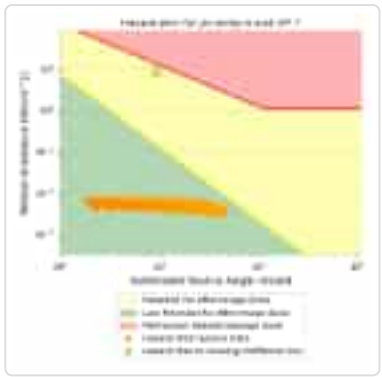
PV array 6: OP 7

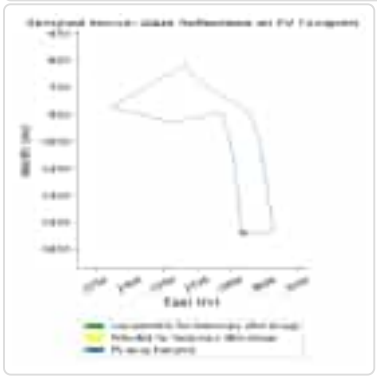
PV array is expected to produce the following glare for this receptor:

- 2,169 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 8

No glare found

PV array 6: OP 9

No glare found

PV array 6: OP 10

No glare found

PV array 6: OP 11

No glare found

PV array 6: OP 12

No glare found

PV array 6: OP 13

No glare found

PV array 6: OP 14

No glare found

PV array 6: OP 15

No glare found

PV array 6: OP 16

No glare found

PV array 6: OP 17

No glare found

PV array 6: OP 18

No glare found

PV array 6: OP 19

No glare found

PV array 6: OP 20

No glare found

PV array 6: OP 21

No glare found

PV array 6: OP 22

No glare found

PV array 6: OP 23

No glare found

PV array 6: OP 24

No glare found

PV array 6: OP 25

No glare found

PV array 6: OP 26

No glare found

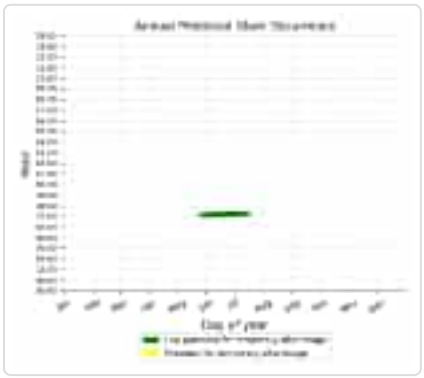
PV array 6: OP 27

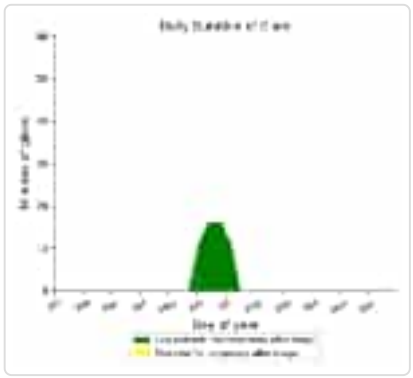
No glare found

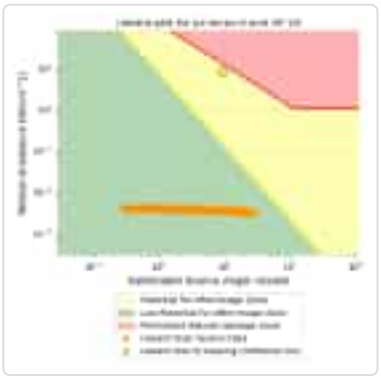
PV array 6: OP 28

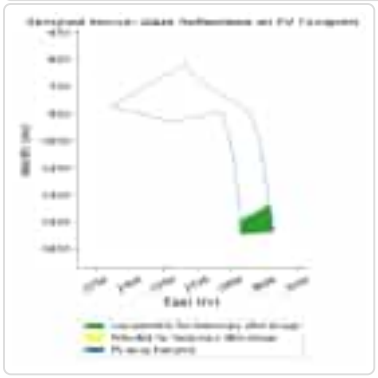
PV array is expected to produce the following glare for this receptor:

- 632 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 29

No glare found

PV array 6: OP 30

No glare found

PV array 6: OP 31

No glare found

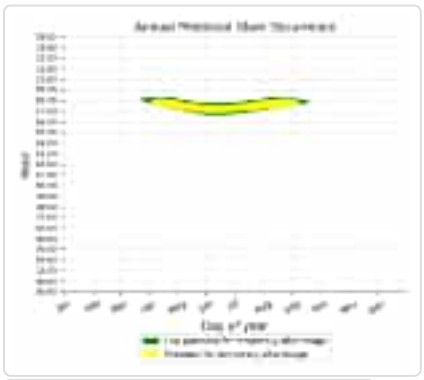
PV array 6: OP 32

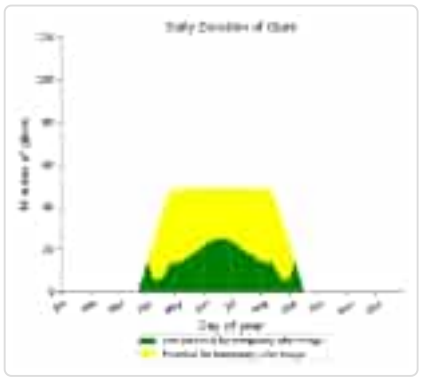
No glare found

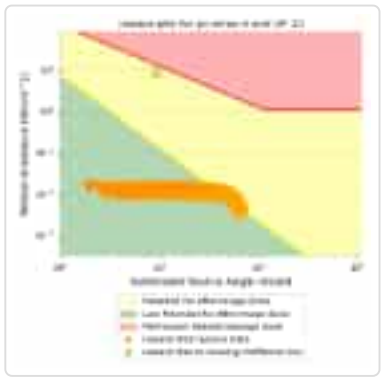
PV array 6: OP 33

PV array is expected to produce the following glare for this receptor:

- 2,584 minutes of "green" glare with low potential to cause temporary after-image.
- 4,358 minutes of "yellow" glare with potential to cause temporary after-image.



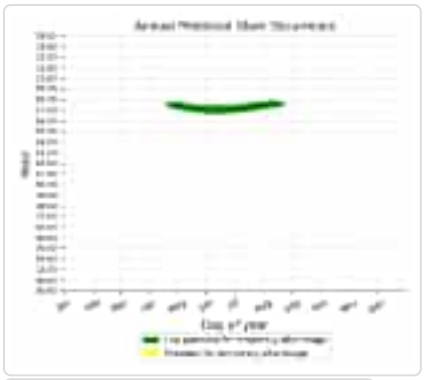


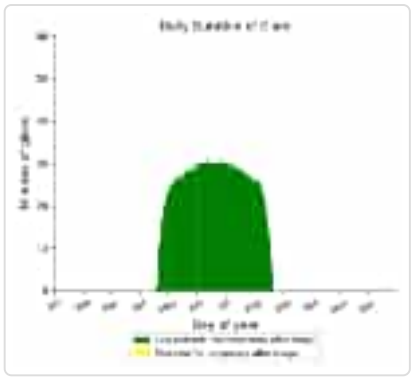


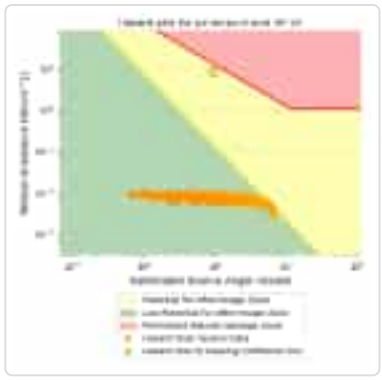
PV array 6: OP 34

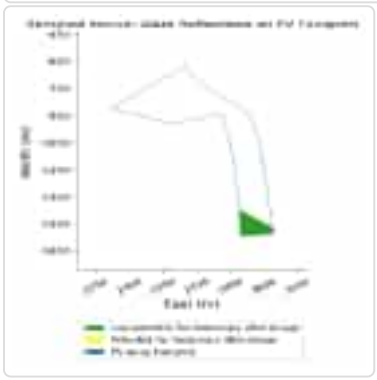
PV array is expected to produce the following glare for this receptor:

- 3,208 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





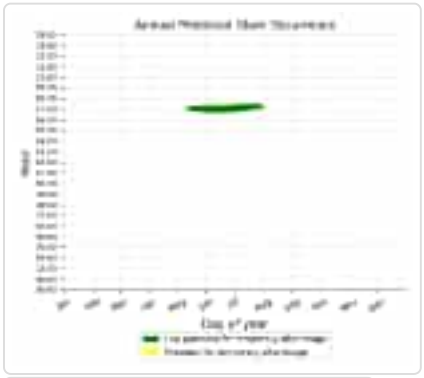


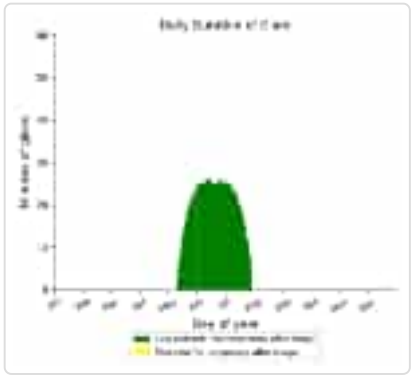


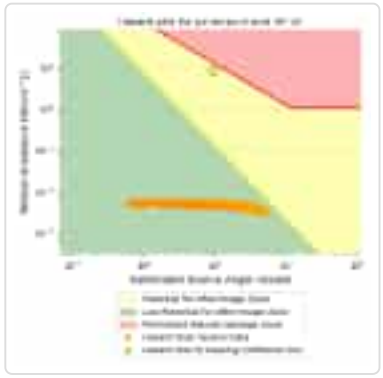
PV array 6: OP 35

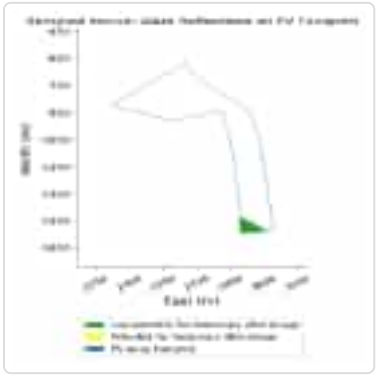
PV array is expected to produce the following glare for this receptor:

- 1,665 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





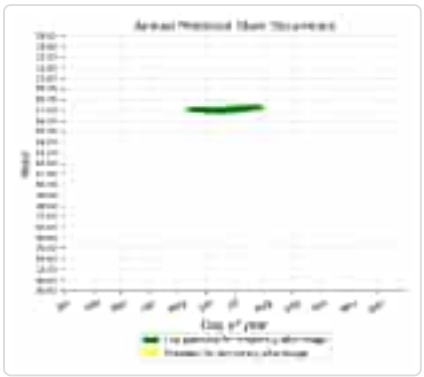


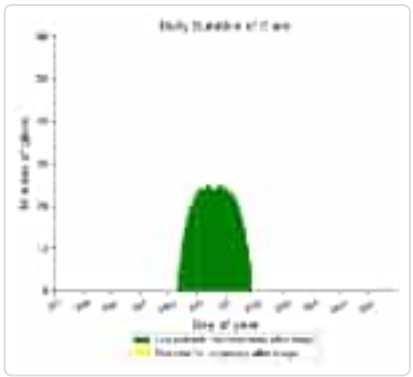


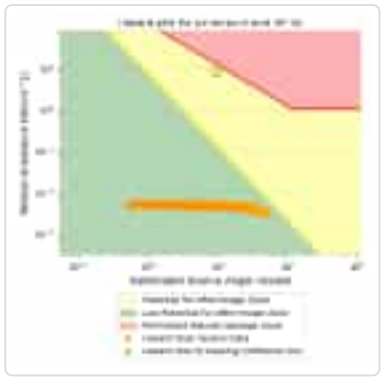
PV array 6: OP 36

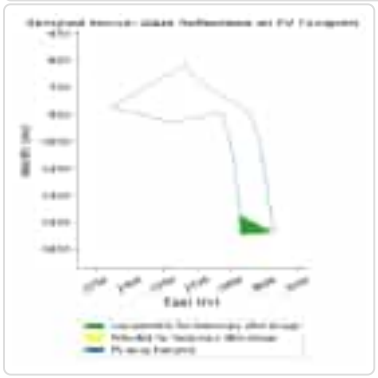
PV array is expected to produce the following glare for this receptor:

- 1,580 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





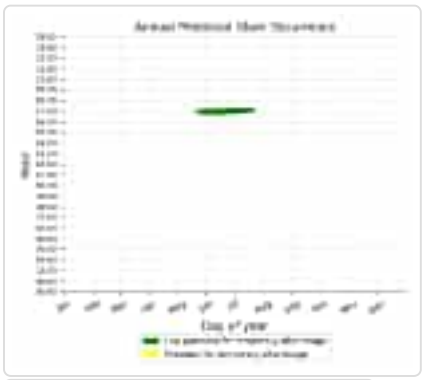


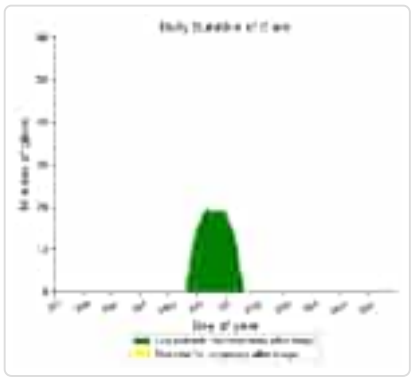


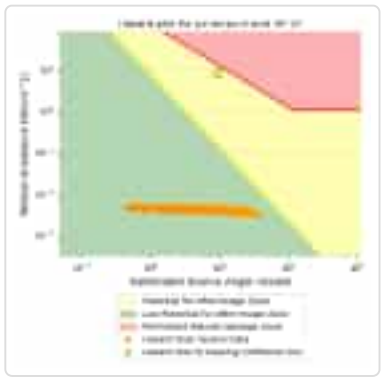
PV array 6: OP 37

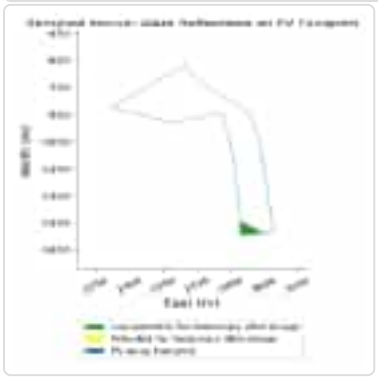
PV array is expected to produce the following glare for this receptor:

- 901 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 38

No glare found

PV array 6: OP 39

No glare found

PV array 6: OP 40

No glare found

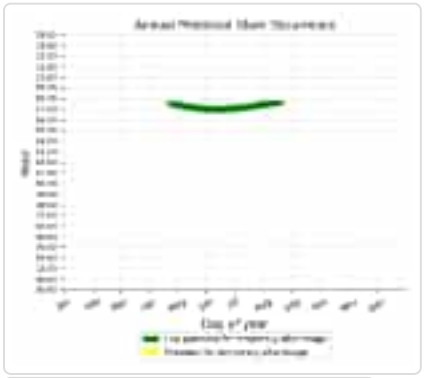
PV array 6: OP 41

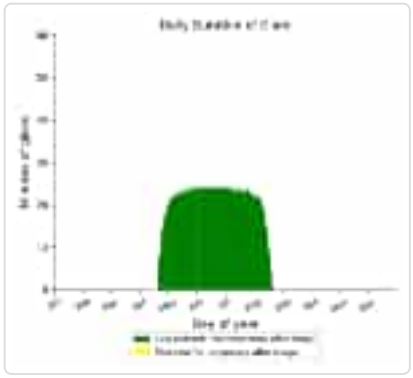
No glare found

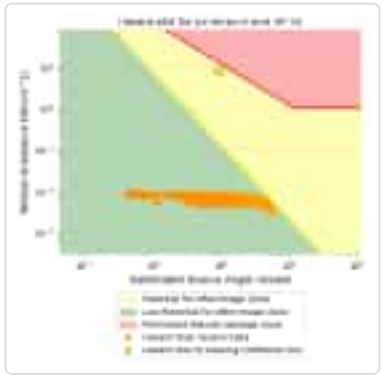
PV array 6: OP 42

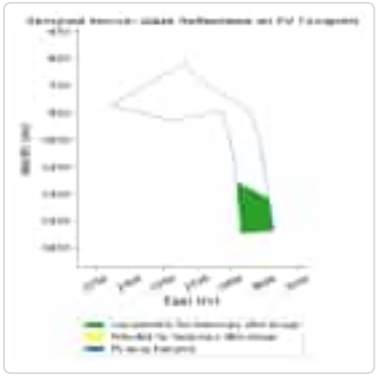
PV array is expected to produce the following glare for this receptor:

- 2,634 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





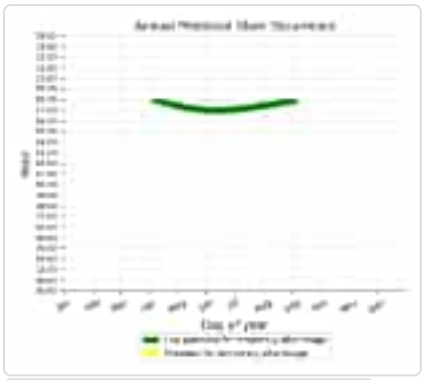


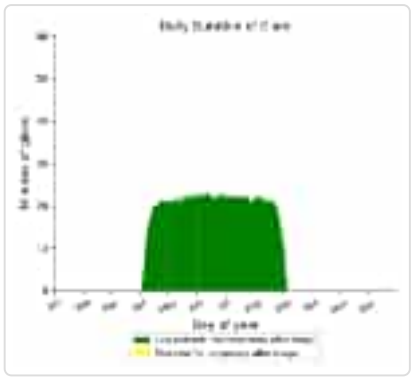


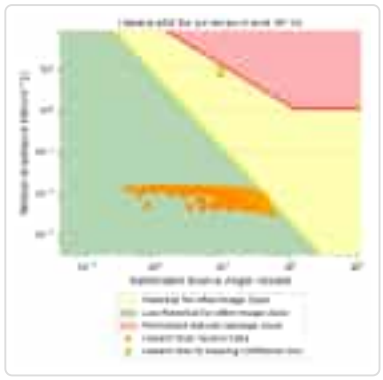
PV array 6: OP 43

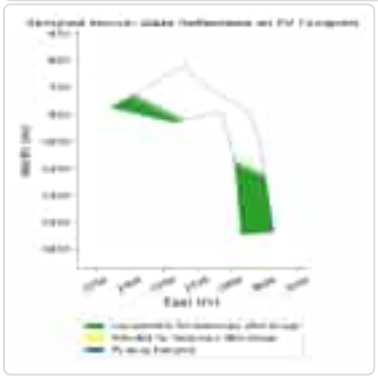
PV array is expected to produce the following glare for this receptor:

- 3,165 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





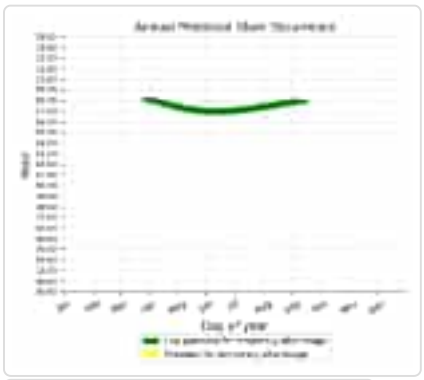


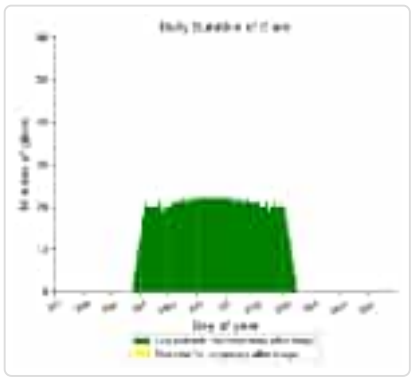


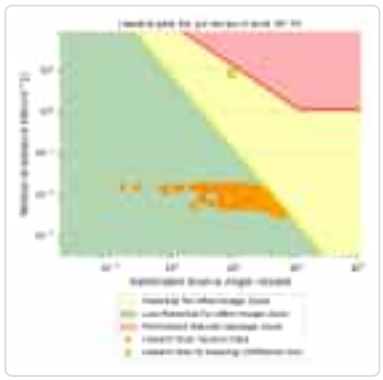
PV array 6: OP 44

PV array is expected to produce the following glare for this receptor:

- 3,425 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



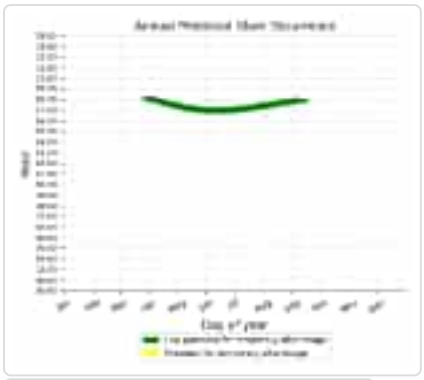


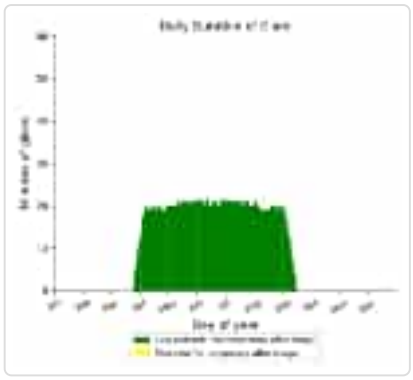


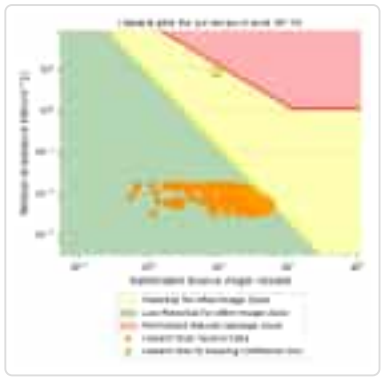
PV array 6: OP 45

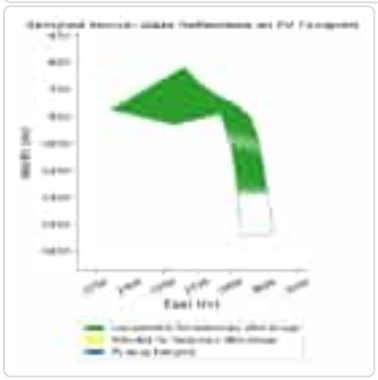
PV array is expected to produce the following glare for this receptor:

- 3,318 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





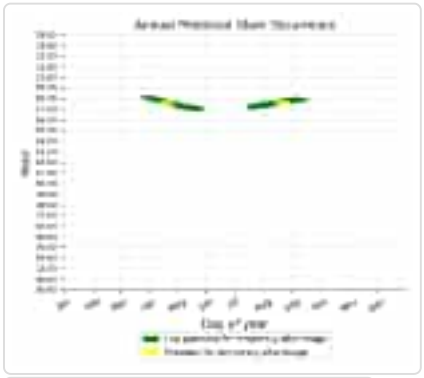


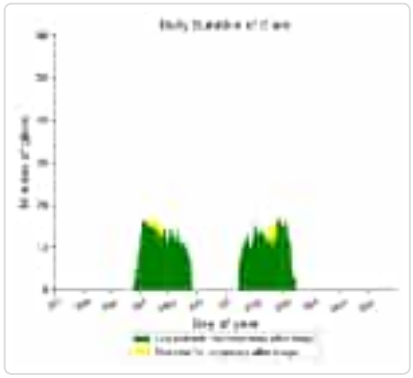


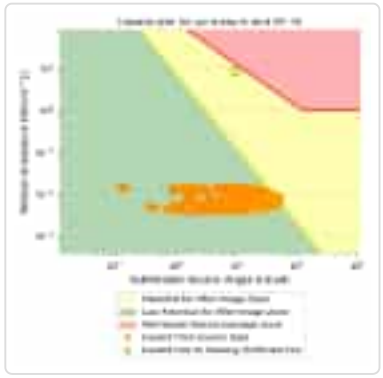
PV array 6: OP 46

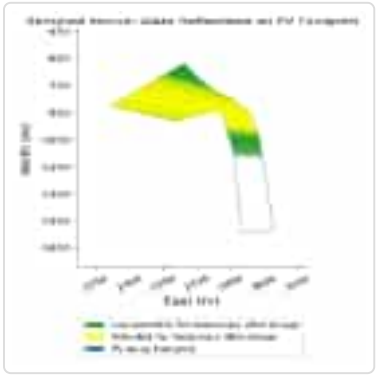
PV array is expected to produce the following glare for this receptor:

- 1,470 minutes of "green" glare with low potential to cause temporary after-image.
- 66 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 47

No glare found

PV array 6: OP 48

No glare found

PV array 6: OP 49

No glare found

PV array 6: OP 50

No glare found

PV array 6: OP 51

No glare found

PV array 6: OP 52

No glare found

PV array 6: OP 53

No glare found

PV array 6: OP 54

No glare found

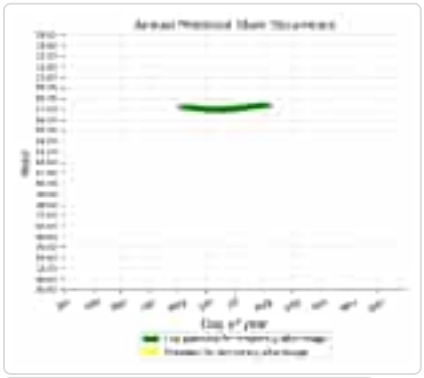
PV array 6: OP 55

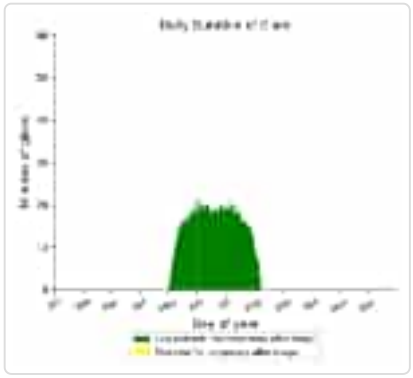
No glare found

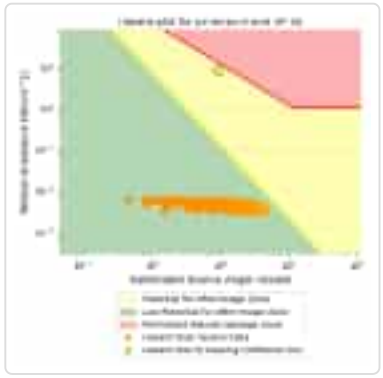
PV array 6: OP 56

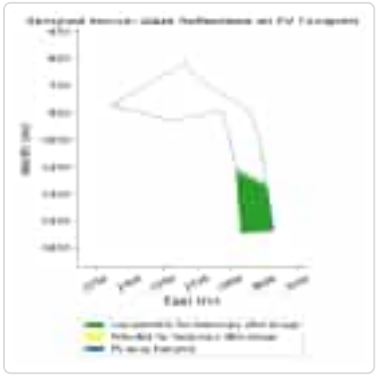
PV array is expected to produce the following glare for this receptor:

- 1,591 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





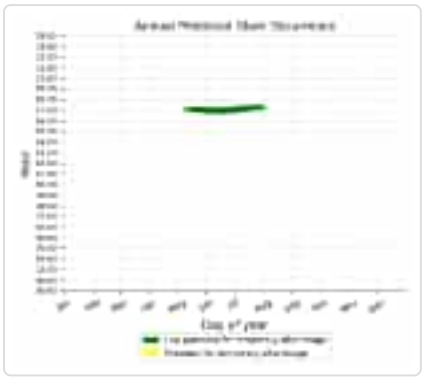


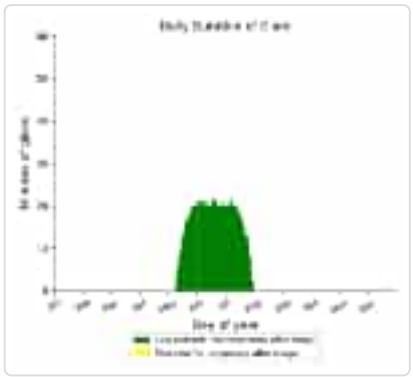


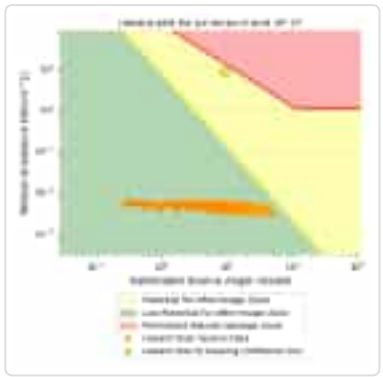
PV array 6: OP 57

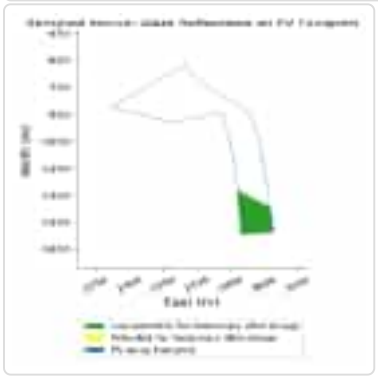
PV array is expected to produce the following glare for this receptor:

- 1,441 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





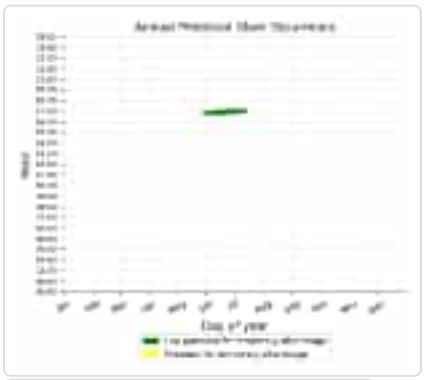


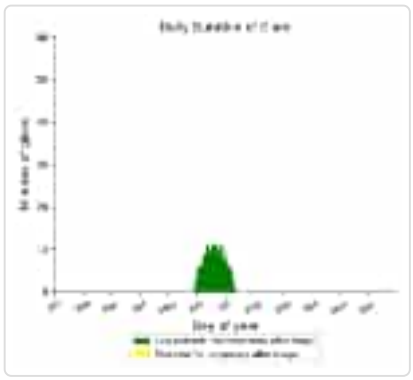


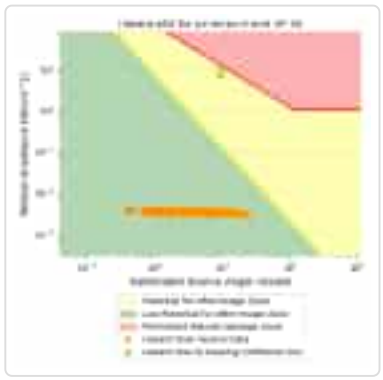
PV array 6: OP 58

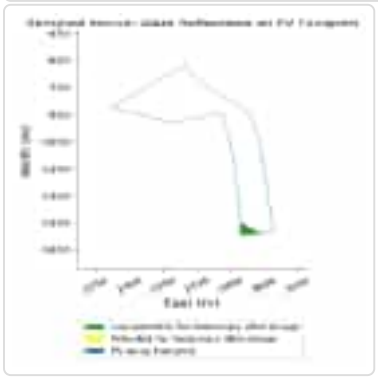
PV array is expected to produce the following glare for this receptor:

- 348 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





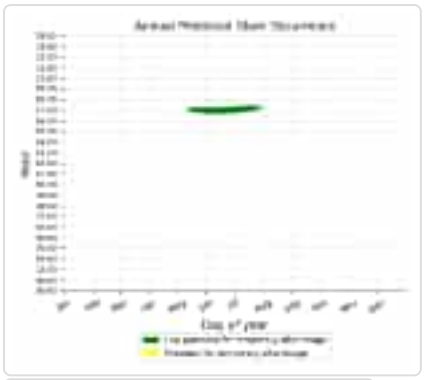


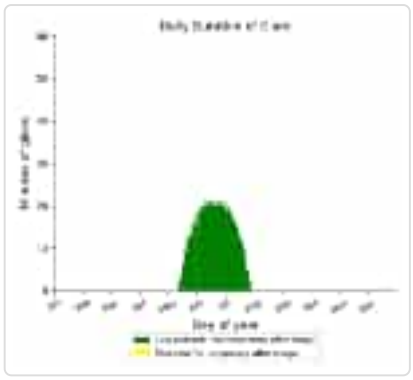


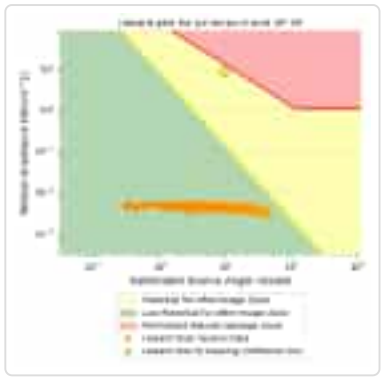
PV array 6: OP 59

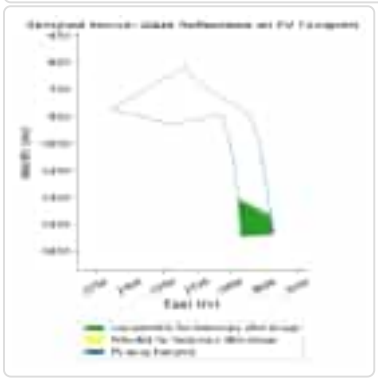
PV array is expected to produce the following glare for this receptor:

- 1,179 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 60

No glare found

PV array 6: OP 61
No glare found

PV array 6: OP 62
No glare found

PV array 6: OP 63
No glare found

PV array 6: OP 64
No glare found

PV array 6: OP 65
No glare found

PV array 6: OP 66
No glare found

PV array 6: OP 67
No glare found

PV array 6: OP 68
No glare found

PV array 6: OP 69
No glare found

PV array 6: OP 70
No glare found

PV array 6: OP 71
No glare found

PV array 6: OP 72
No glare found

PV array 6: OP 73
No glare found

PV array 7 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	296	0
OP: OP 5	1610	0
OP: OP 6	1921	2
OP: OP 7	1606	1

OP: OP 8	2764	45
OP: OP 9	2784	99
OP: OP 10	1954	27
OP: OP 11	2046	286
OP: OP 12	2691	356
OP: OP 13	2714	1591
OP: OP 14	3158	1480
OP: OP 15	3859	528
OP: OP 16	3090	0
OP: OP 17	198	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	535	0
OP: OP 23	1494	0
OP: OP 24	1633	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	1960	0
OP: OP 28	2019	0
OP: OP 29	1893	0
OP: OP 30	1143	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	2097	0
OP: OP 35	2537	0
OP: OP 36	2532	0
OP: OP 37	3400	0
OP: OP 38	3268	0
OP: OP 39	3696	0
OP: OP 40	2566	50
OP: OP 41	2880	0
OP: OP 42	2392	0
OP: OP 43	1557	0
OP: OP 44	979	0
OP: OP 45	0	0
OP: OP 46	376	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	3239	0
OP: OP 57	3524	0
OP: OP 58	3594	0
OP: OP 59	3512	0
OP: OP 60	3550	0
OP: OP 61	3756	0

OP: OP 62	3786	0
OP: OP 63	3925	0
OP: OP 64	3736	343
OP: OP 65	4002	72
OP: OP 66	4104	0
OP: OP 67	3490	0
OP: OP 68	2894	0
OP: OP 69	2101	0
OP: OP 70	1159	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0

PV array 7: OP 1

No glare found

PV array 7: OP 2

No glare found

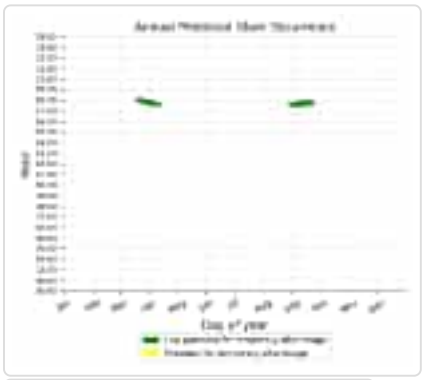
PV array 7: OP 3

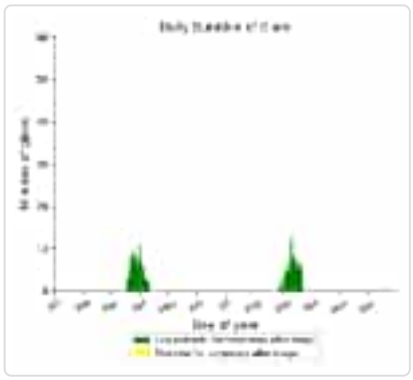
No glare found

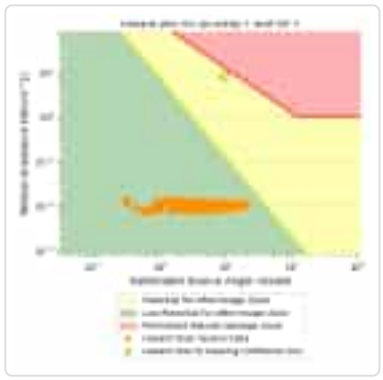
PV array 7: OP 4

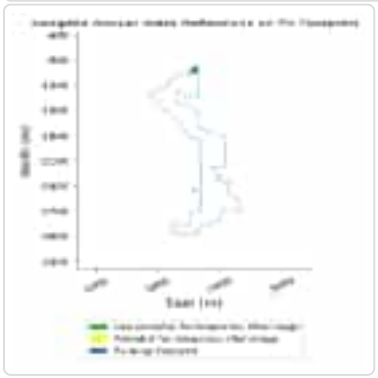
PV array is expected to produce the following glare for this receptor:

- 296 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





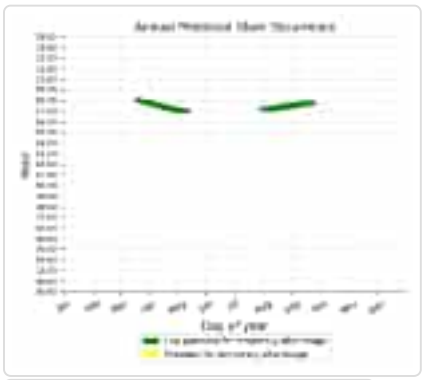


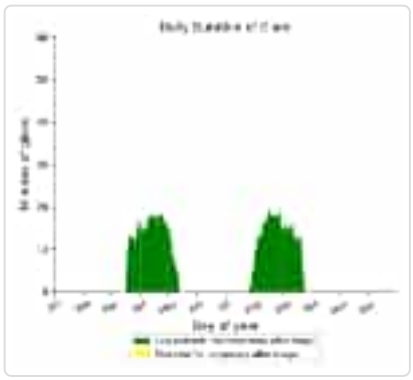


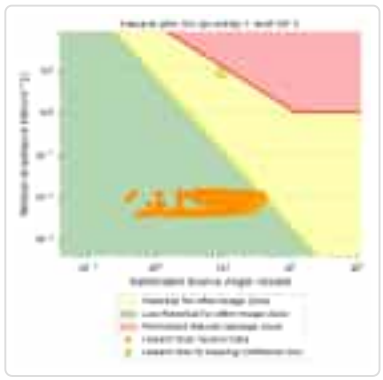
PV array 7: OP 5

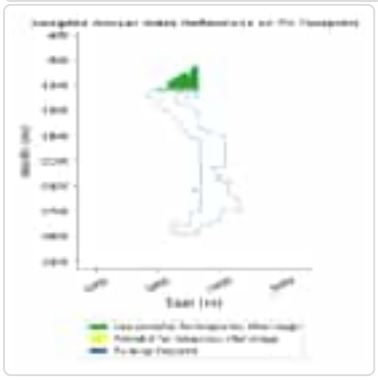
PV array is expected to produce the following glare for this receptor:

- 1,610 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





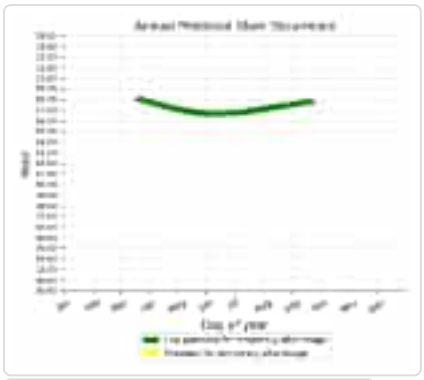


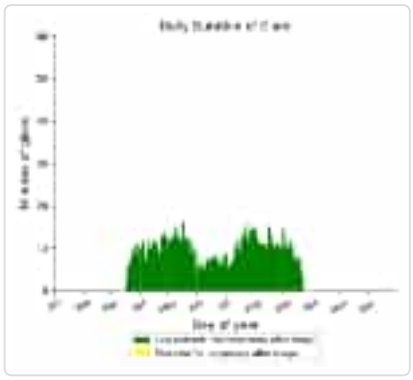


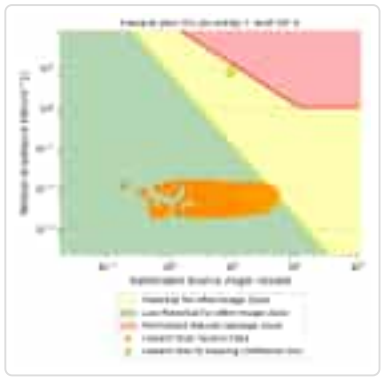
PV array 7: OP 6

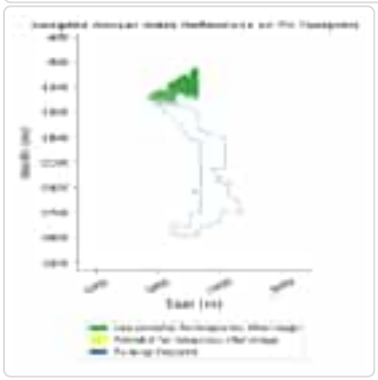
PV array is expected to produce the following glare for this receptor:

- 1,921 minutes of "green" glare with low potential to cause temporary after-image.
- 2 minutes of "yellow" glare with potential to cause temporary after-image.





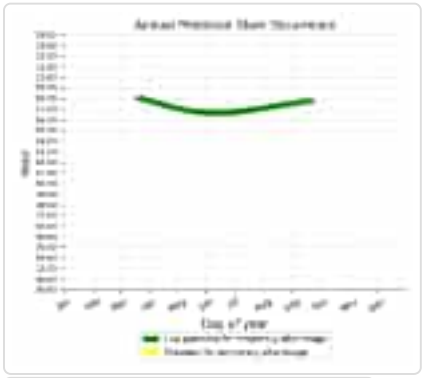


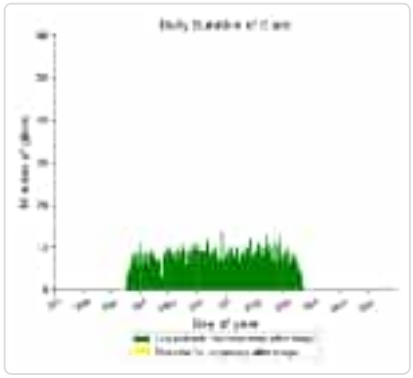


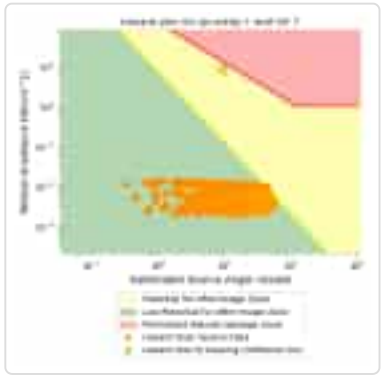
PV array 7: OP 7

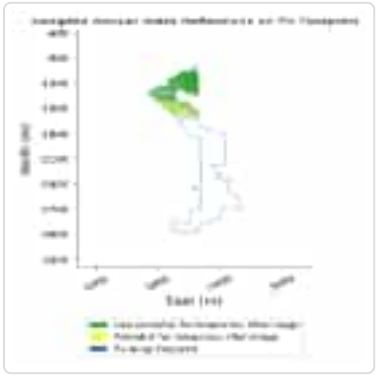
PV array is expected to produce the following glare for this receptor:

- 1,606 minutes of "green" glare with low potential to cause temporary after-image.
- 1 minutes of "yellow" glare with potential to cause temporary after-image.





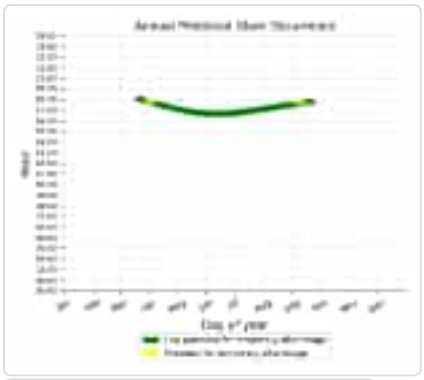


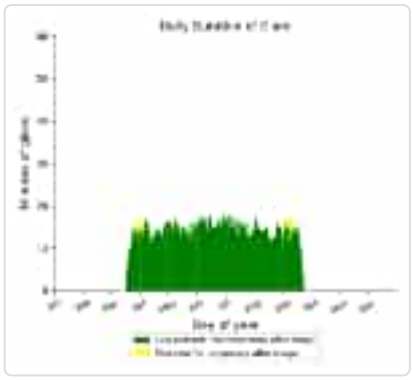


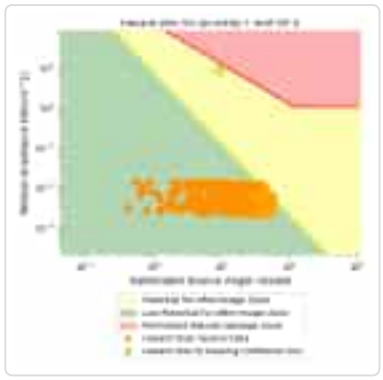
PV array 7: OP 8

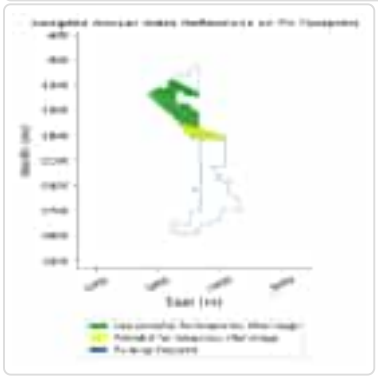
PV array is expected to produce the following glare for this receptor:

- 2,764 minutes of "green" glare with low potential to cause temporary after-image.
- 45 minutes of "yellow" glare with potential to cause temporary after-image.





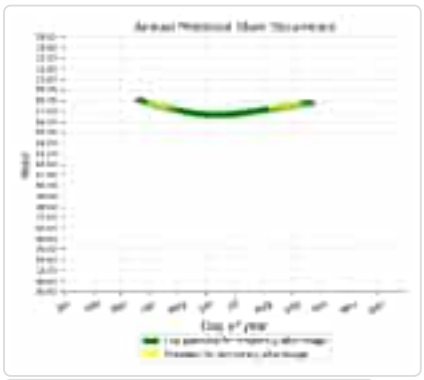


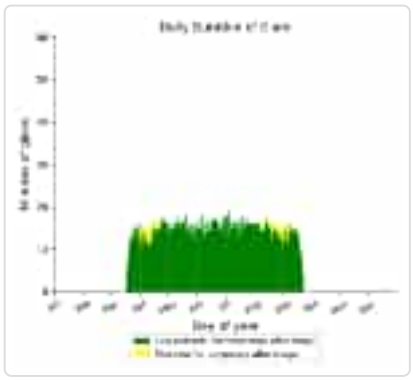


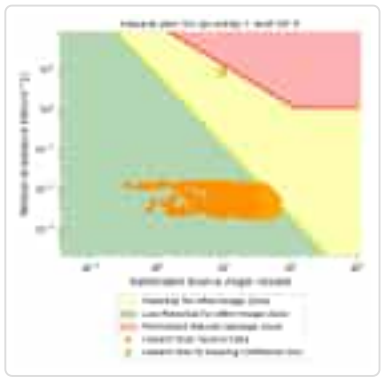
PV array 7: OP 9

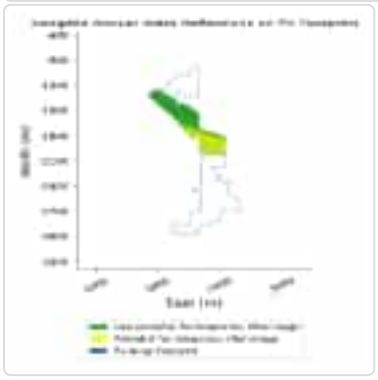
PV array is expected to produce the following glare for this receptor:

- 2,784 minutes of "green" glare with low potential to cause temporary after-image.
- 99 minutes of "yellow" glare with potential to cause temporary after-image.





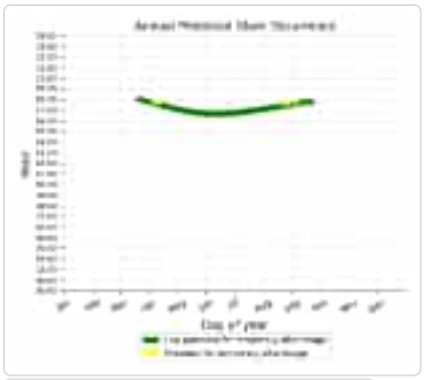


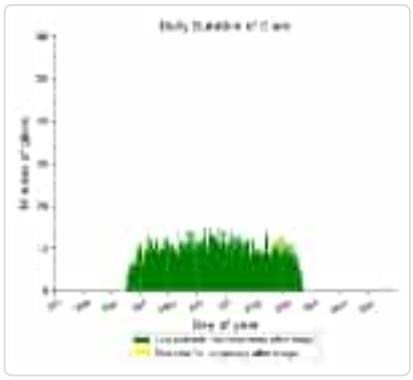


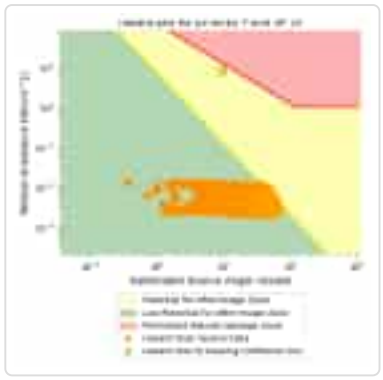
PV array 7: OP 10

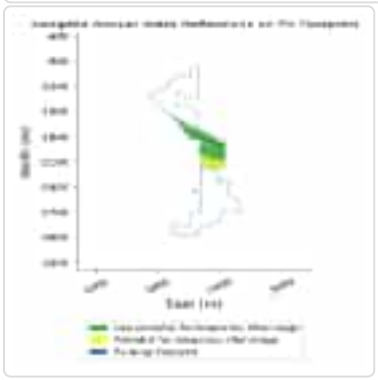
PV array is expected to produce the following glare for this receptor:

- 1,954 minutes of "green" glare with low potential to cause temporary after-image.
- 27 minutes of "yellow" glare with potential to cause temporary after-image.





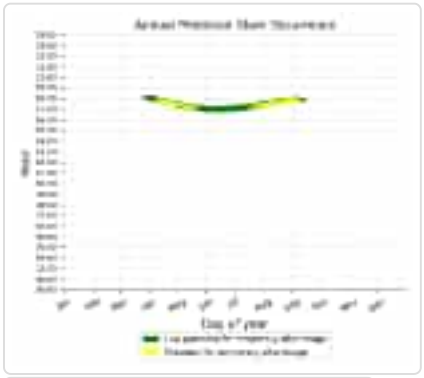


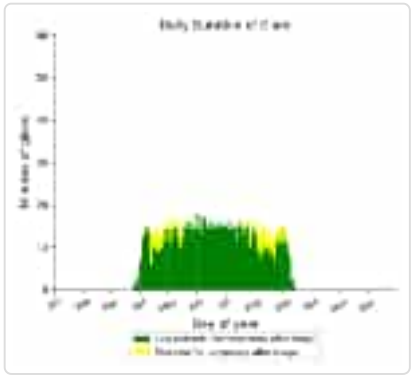


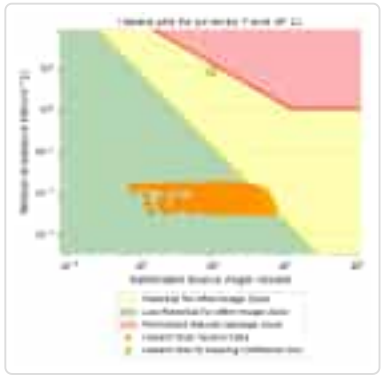
PV array 7: OP 11

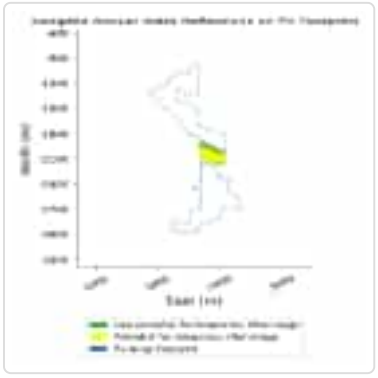
PV array is expected to produce the following glare for this receptor:

- 2,046 minutes of "green" glare with low potential to cause temporary after-image.
- 286 minutes of "yellow" glare with potential to cause temporary after-image.





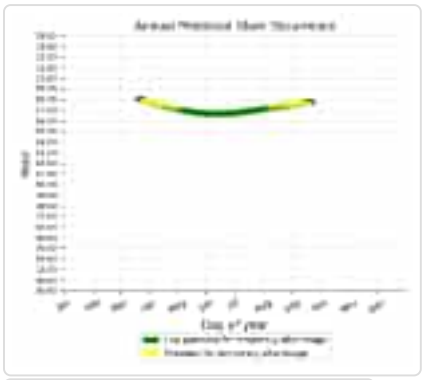


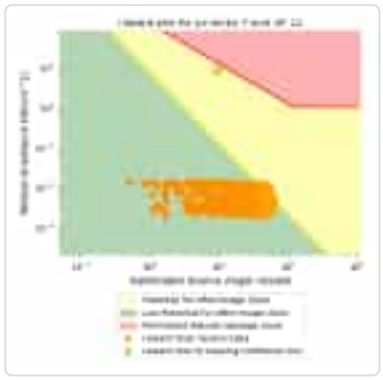


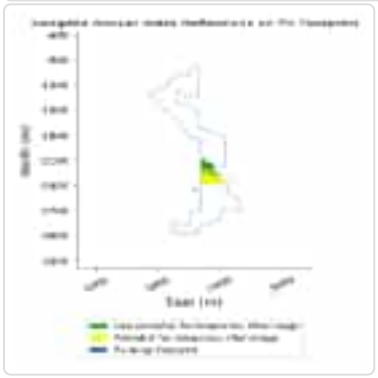
PV array 7: OP 12

PV array is expected to produce the following glare for this receptor:

- 2,691 minutes of "green" glare with low potential to cause temporary after-image.
- 356 minutes of "yellow" glare with potential to cause temporary after-image.



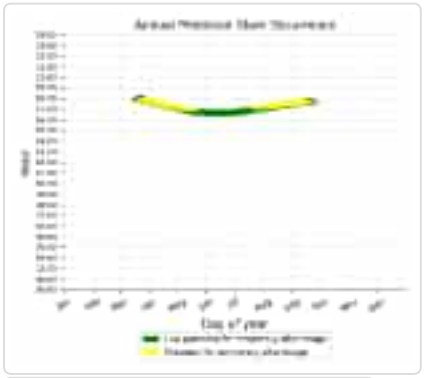


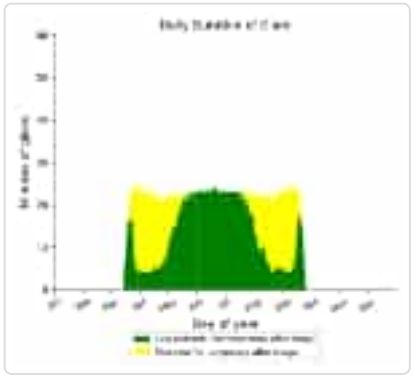


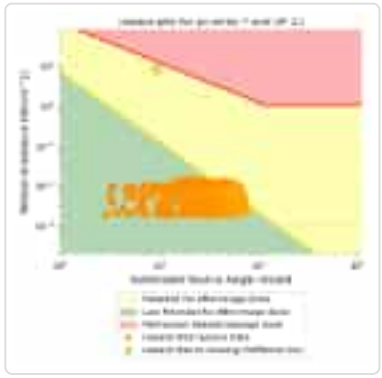
PV array 7: OP 13

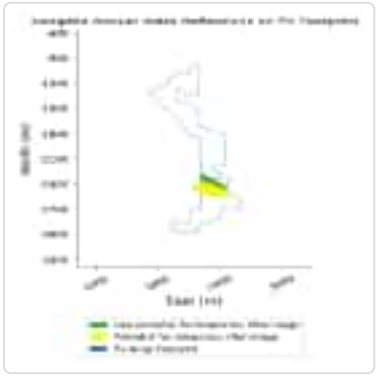
PV array is expected to produce the following glare for this receptor:

- 2,714 minutes of "green" glare with low potential to cause temporary after-image.
- 1,591 minutes of "yellow" glare with potential to cause temporary after-image.





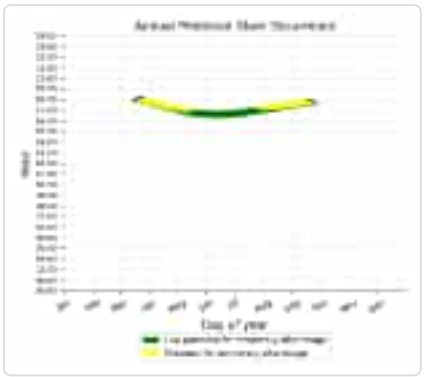


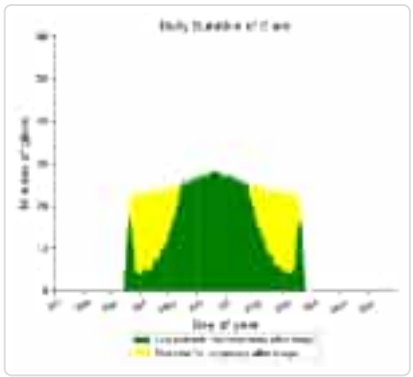


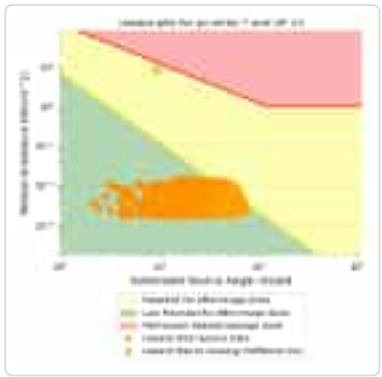
PV array 7: OP 14

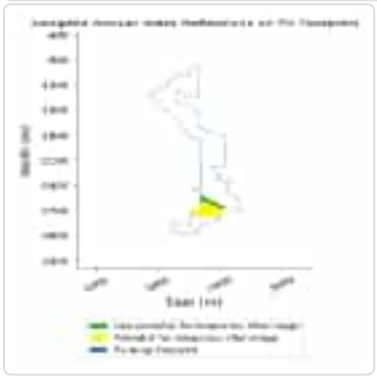
PV array is expected to produce the following glare for this receptor:

- 3,158 minutes of "green" glare with low potential to cause temporary after-image.
- 1,480 minutes of "yellow" glare with potential to cause temporary after-image.





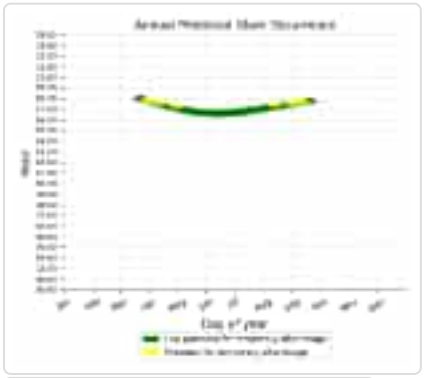


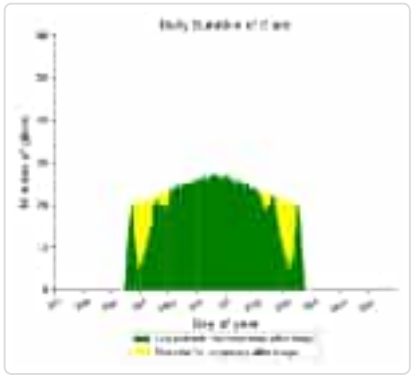


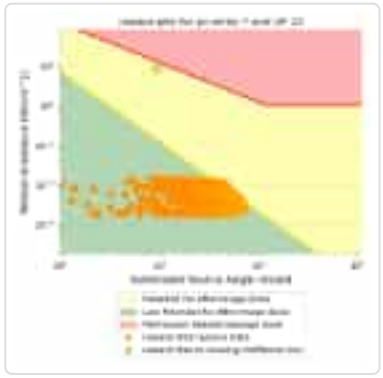
PV array 7: OP 15

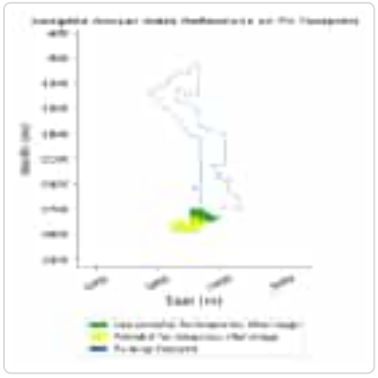
PV array is expected to produce the following glare for this receptor:

- 3,859 minutes of "green" glare with low potential to cause temporary after-image.
- 528 minutes of "yellow" glare with potential to cause temporary after-image.





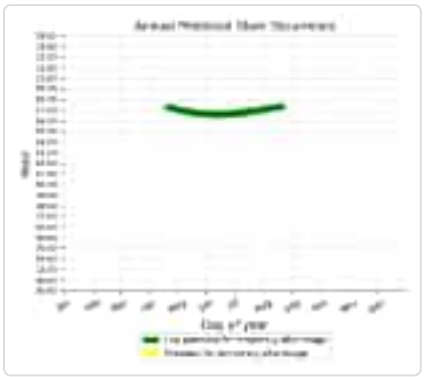


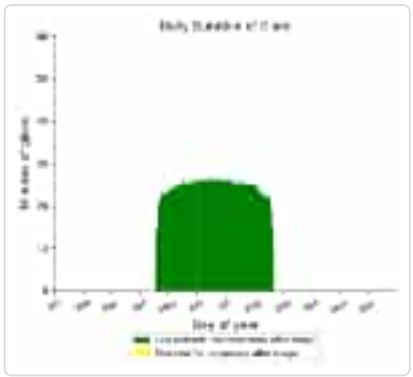


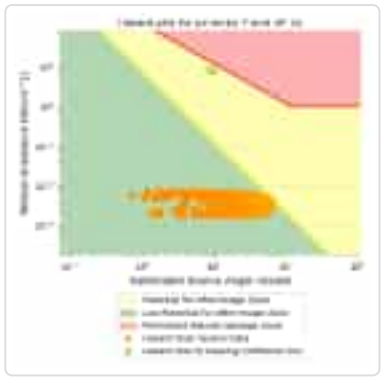
PV array 7: OP 16

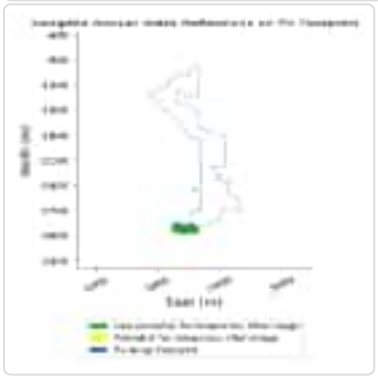
PV array is expected to produce the following glare for this receptor:

- 3,090 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





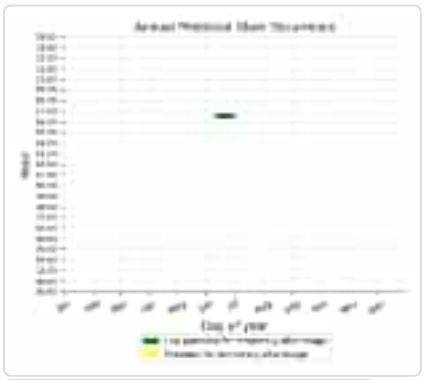


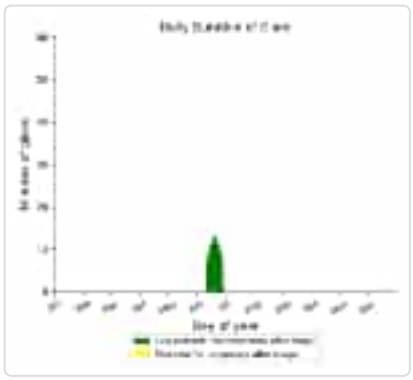


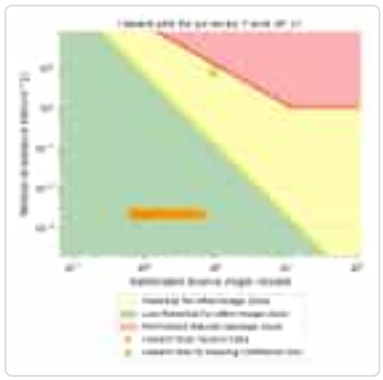
PV array 7: OP 17

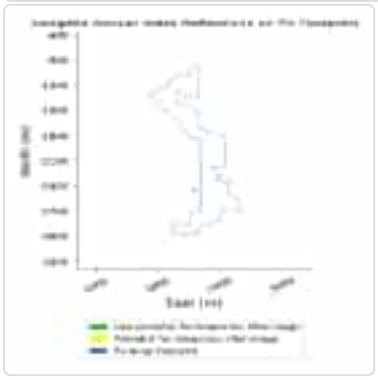
PV array is expected to produce the following glare for this receptor:

- 198 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 18

No glare found

PV array 7: OP 19

No glare found

PV array 7: OP 20

No glare found

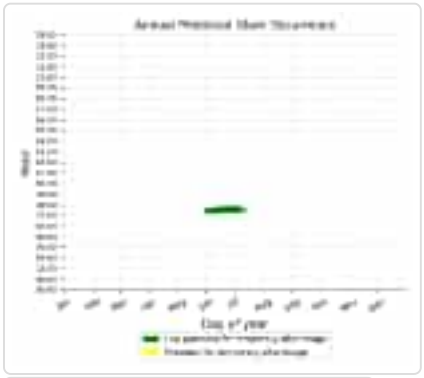
PV array 7: OP 21

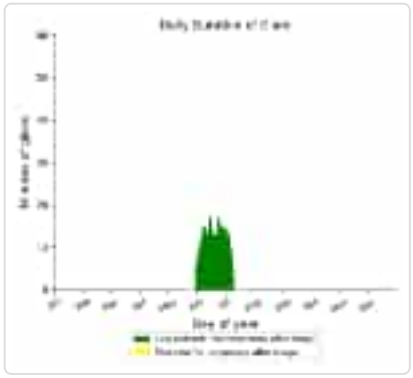
No glare found

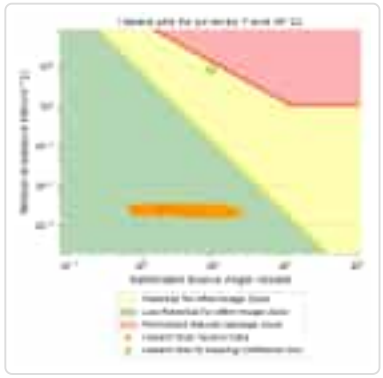
PV array 7: OP 22

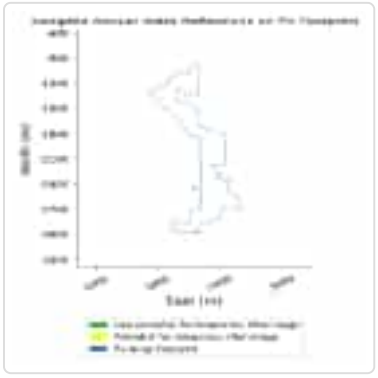
PV array is expected to produce the following glare for this receptor:

- 535 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





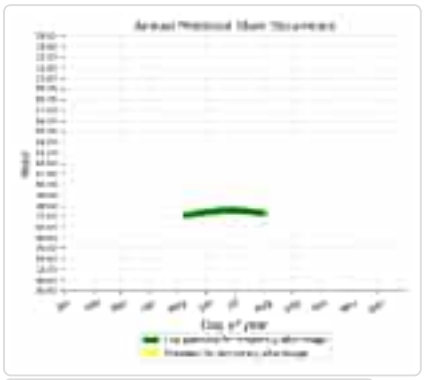


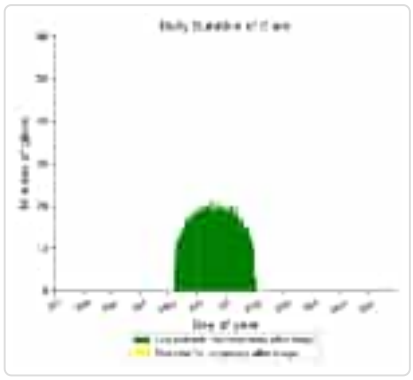


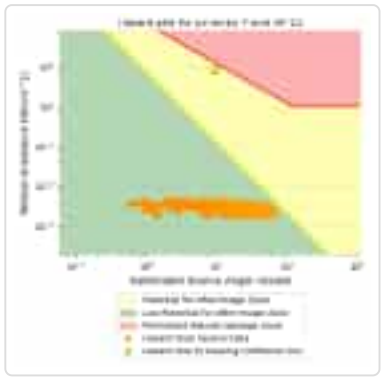
PV array 7: OP 23

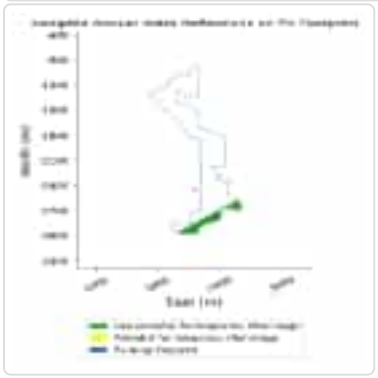
PV array is expected to produce the following glare for this receptor:

- 1,494 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





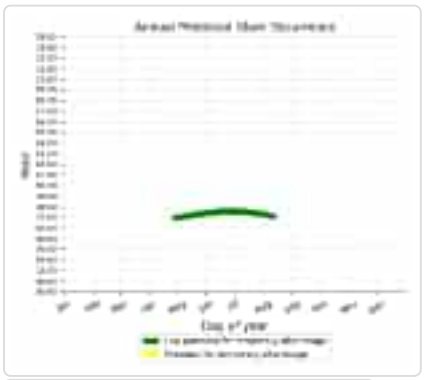


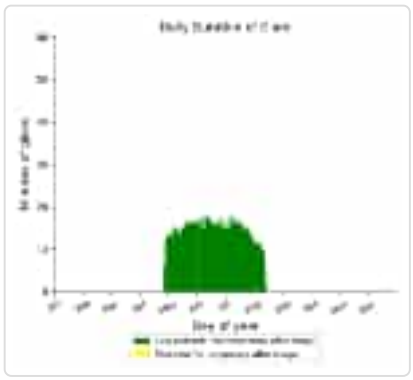


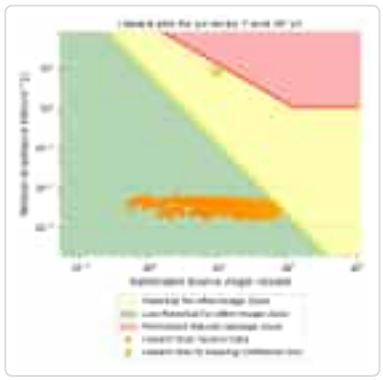
PV array 7: OP 24

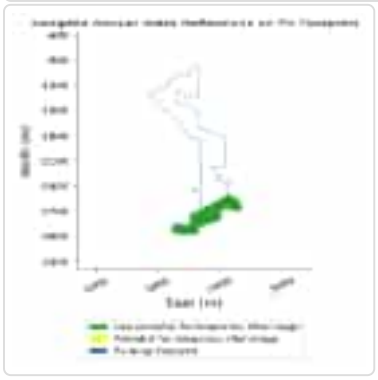
PV array is expected to produce the following glare for this receptor:

- 1,633 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 25

No glare found

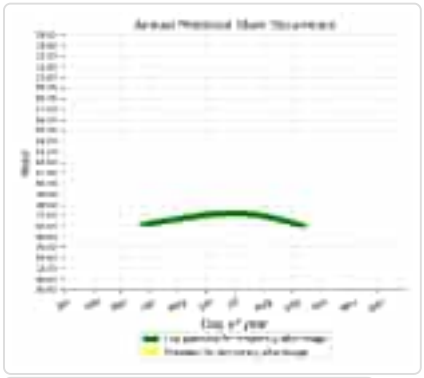
PV array 7: OP 26

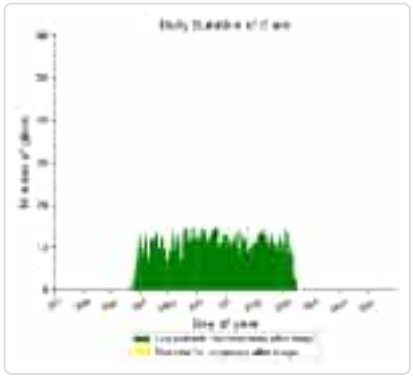
No glare found

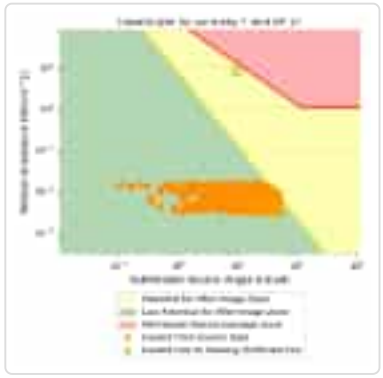
PV array 7: OP 27

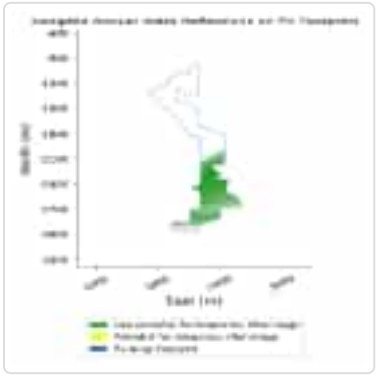
PV array is expected to produce the following glare for this receptor:

- 1,960 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





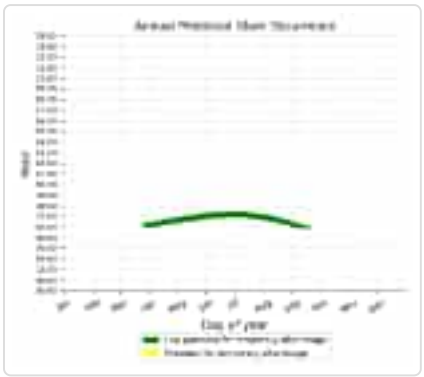


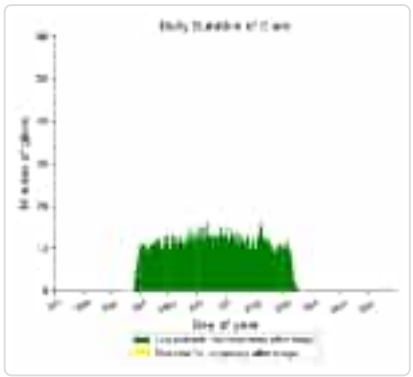


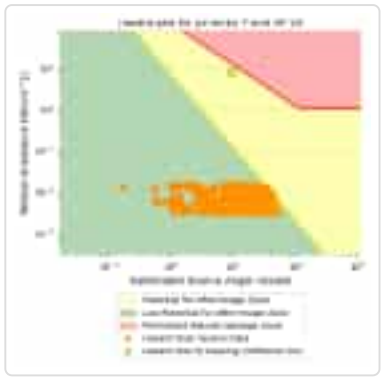
PV array 7: OP 28

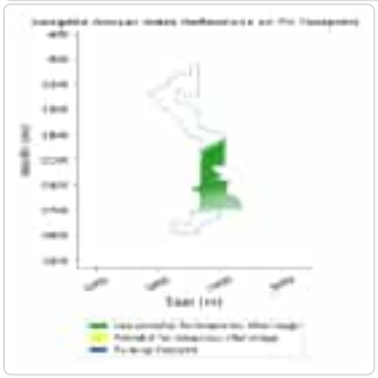
PV array is expected to produce the following glare for this receptor:

- 2,019 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





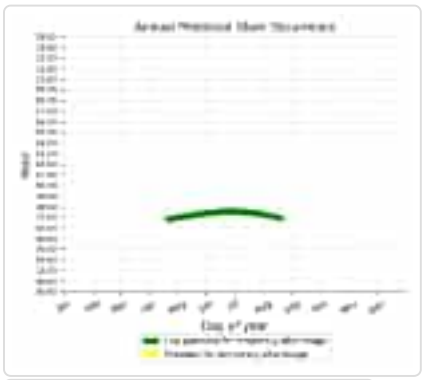


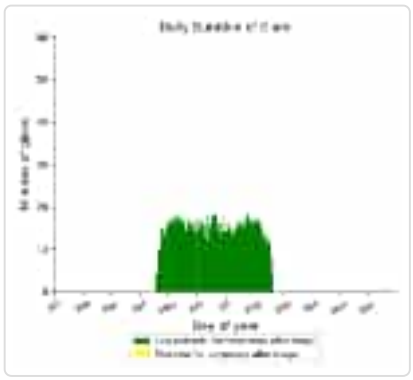


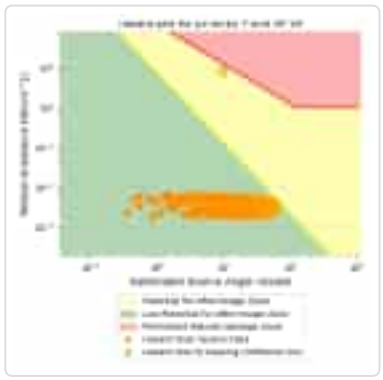
PV array 7: OP 29

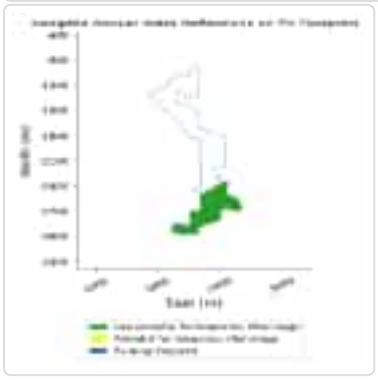
PV array is expected to produce the following glare for this receptor:

- 1,893 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





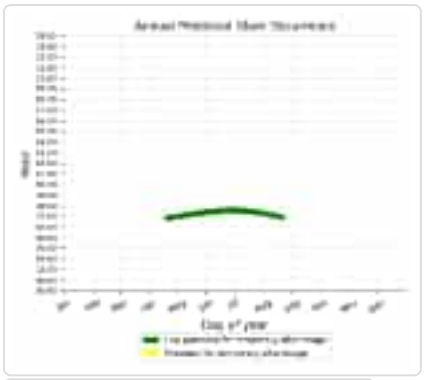


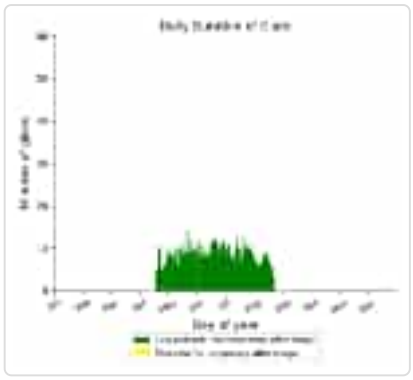


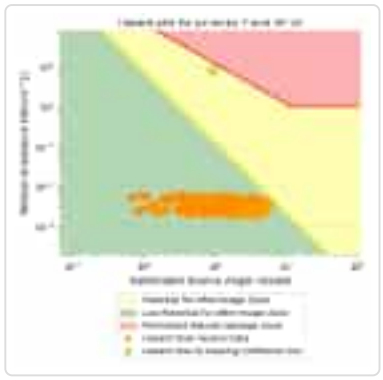
PV array 7: OP 30

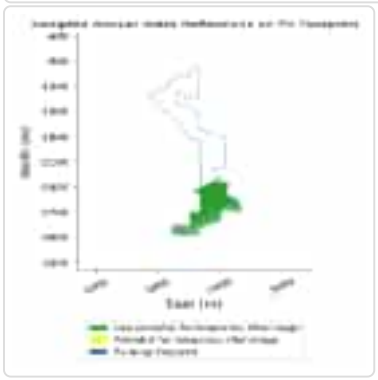
PV array is expected to produce the following glare for this receptor:

- 1,143 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 31

No glare found

PV array 7: OP 32

No glare found

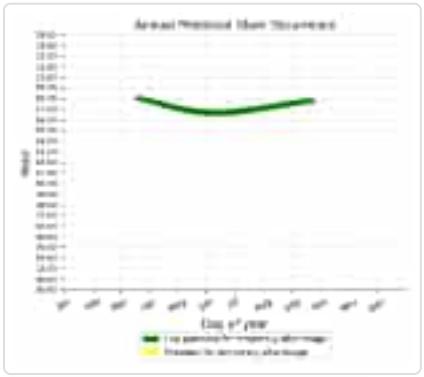
PV array 7: OP 33

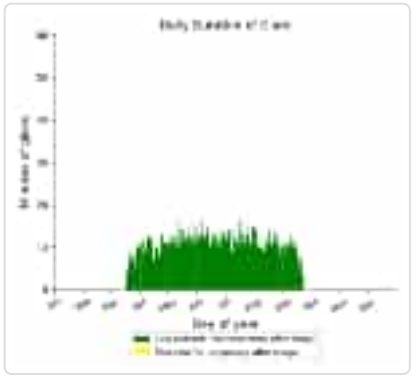
No glare found

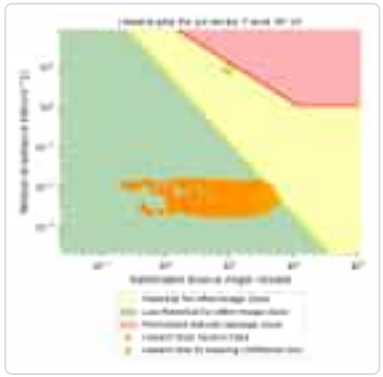
PV array 7: OP 34

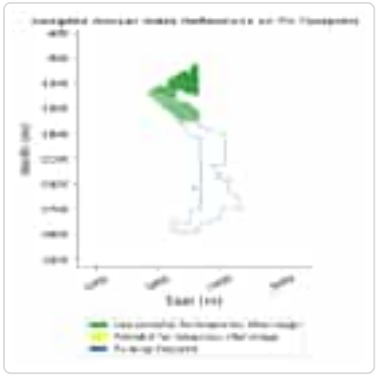
PV array is expected to produce the following glare for this receptor:

- 2,097 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





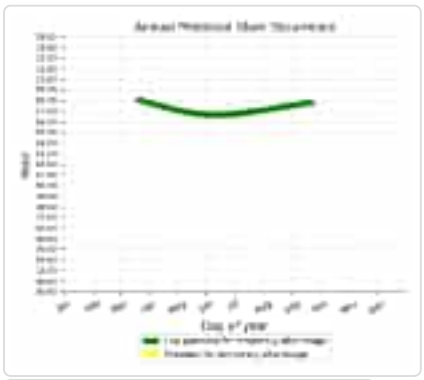


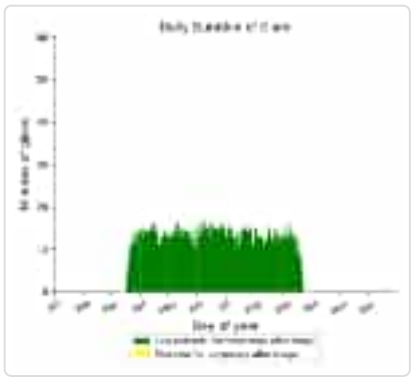


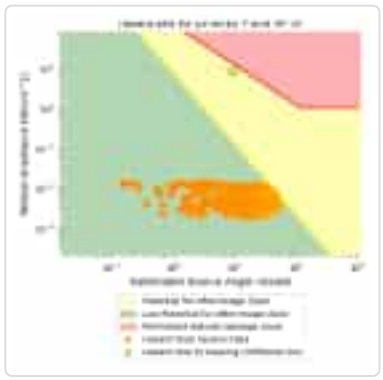
PV array 7: OP 35

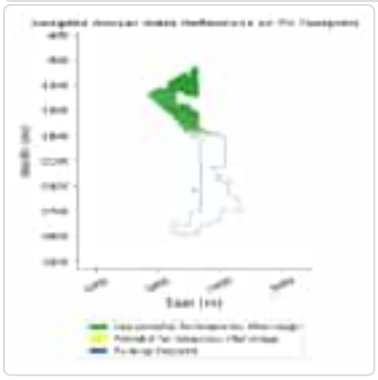
PV array is expected to produce the following glare for this receptor:

- 2,537 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





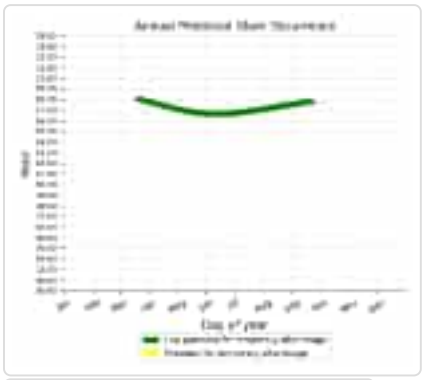


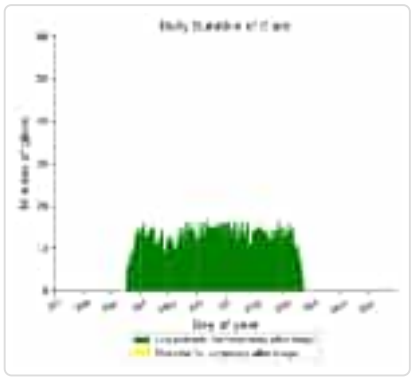


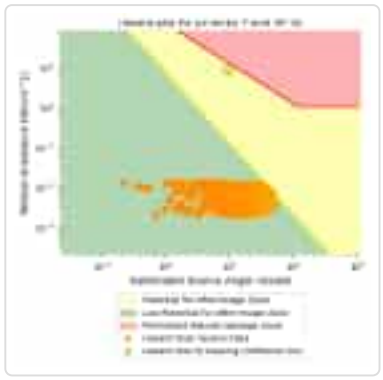
PV array 7: OP 36

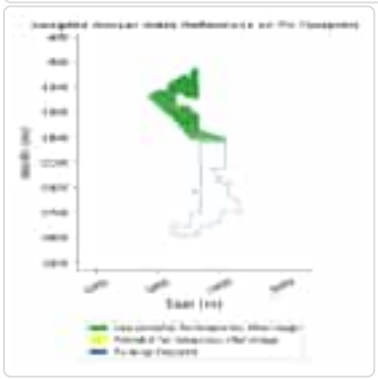
PV array is expected to produce the following glare for this receptor:

- 2,532 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





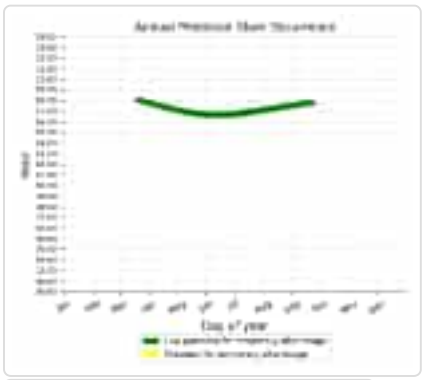


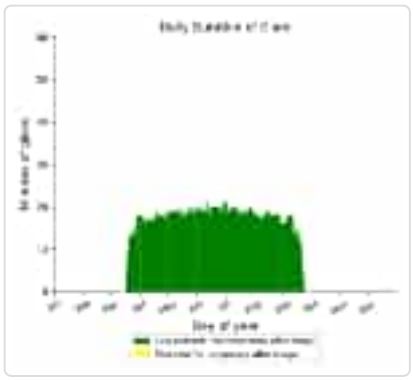


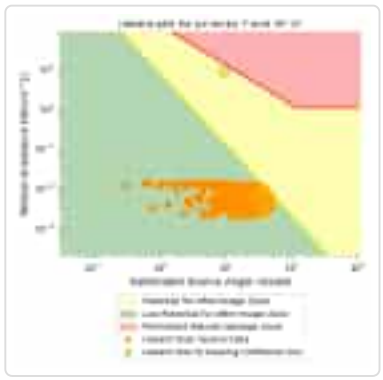
PV array 7: OP 37

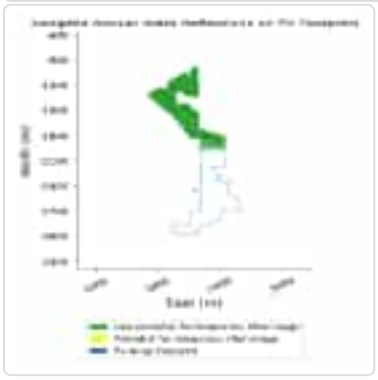
PV array is expected to produce the following glare for this receptor:

- 3,400 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





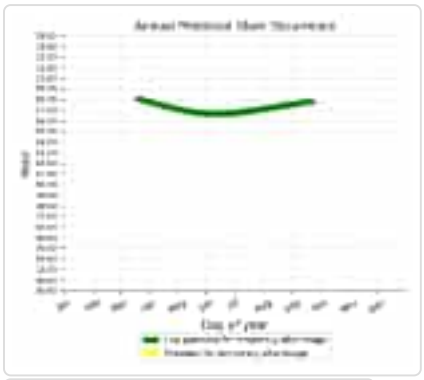


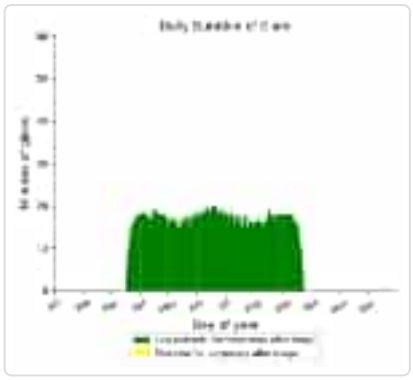


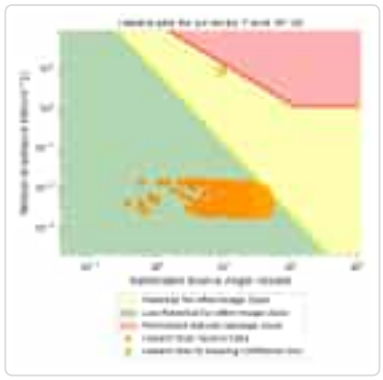
PV array 7: OP 38

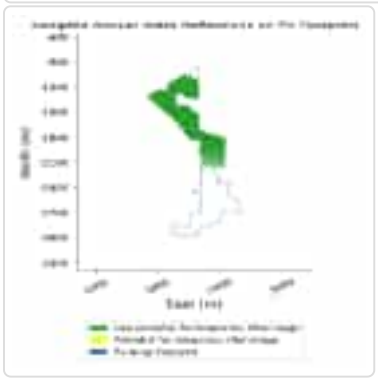
PV array is expected to produce the following glare for this receptor:

- 3,268 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





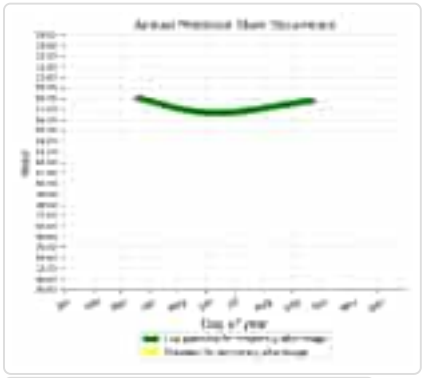


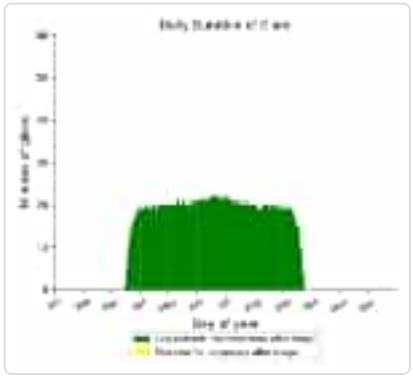


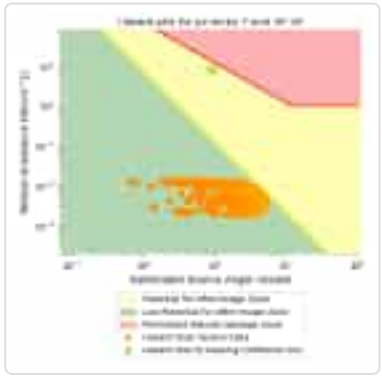
PV array 7: OP 39

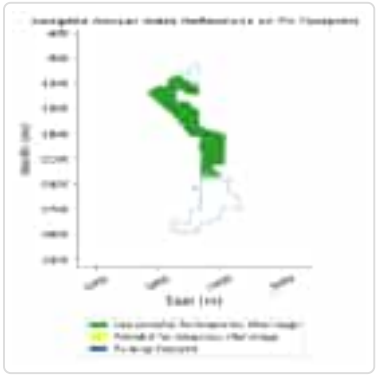
PV array is expected to produce the following glare for this receptor:

- 3,696 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





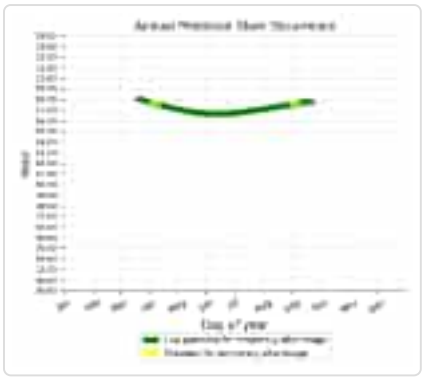


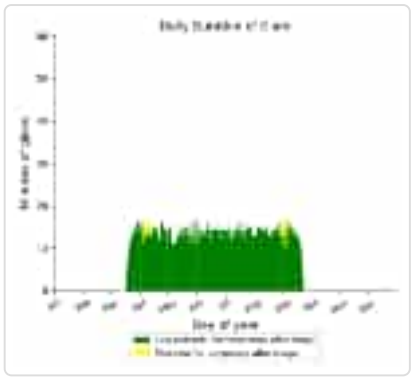


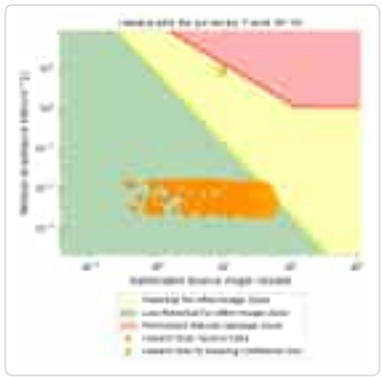
PV array 7: OP 40

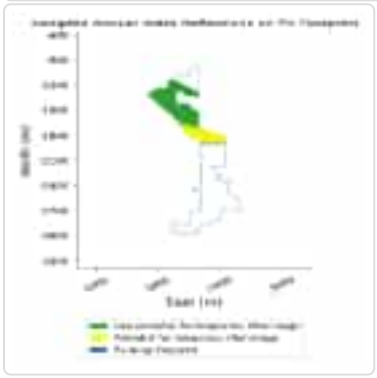
PV array is expected to produce the following glare for this receptor:

- 2,566 minutes of "green" glare with low potential to cause temporary after-image.
- 50 minutes of "yellow" glare with potential to cause temporary after-image.





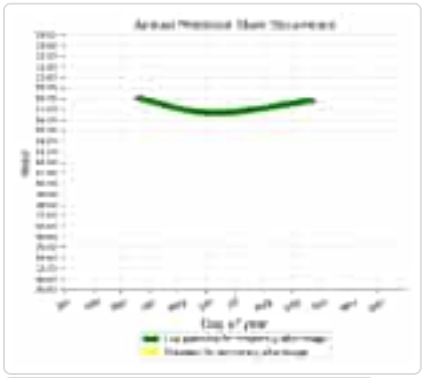


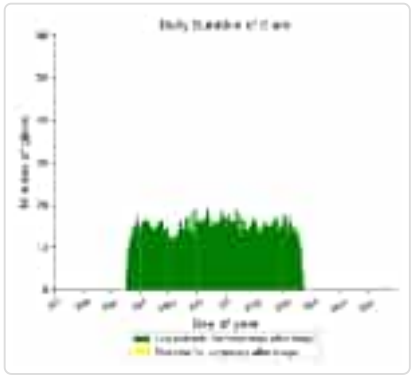


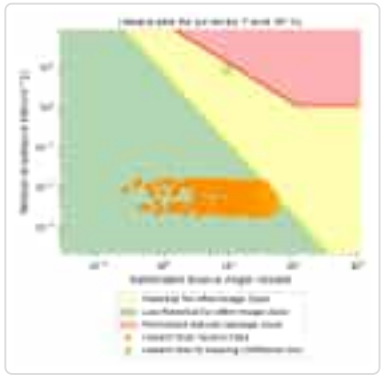
PV array 7: OP 41

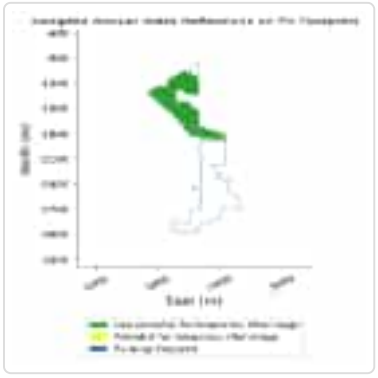
PV array is expected to produce the following glare for this receptor:

- 2,880 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





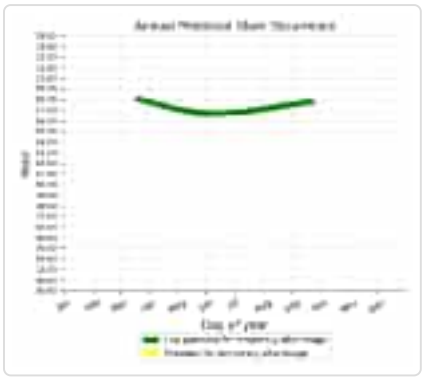


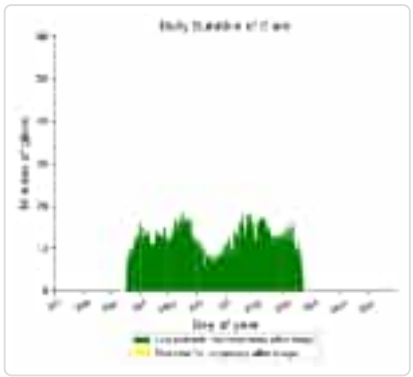


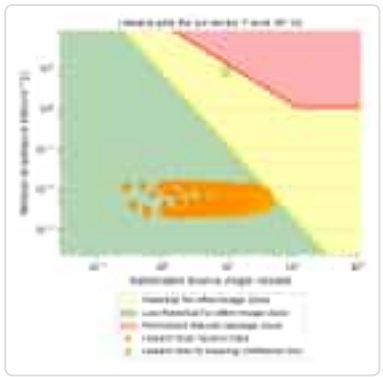
PV array 7: OP 42

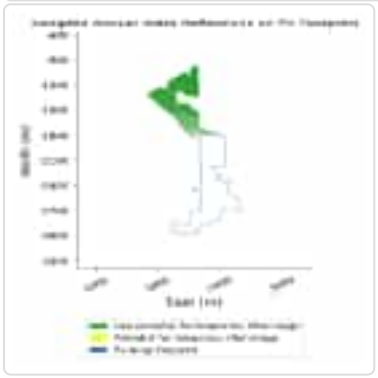
PV array is expected to produce the following glare for this receptor:

- 2,392 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





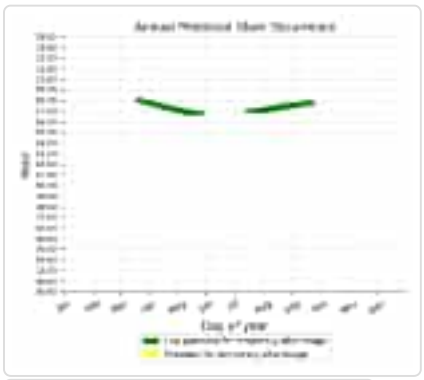


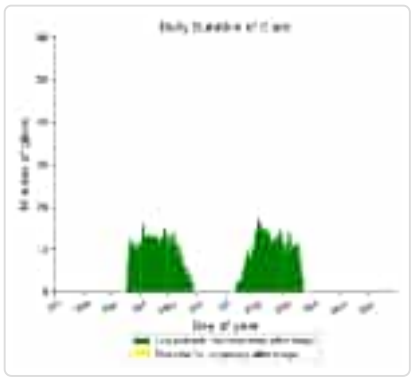


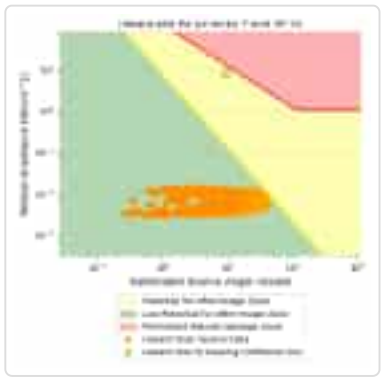
PV array 7: OP 43

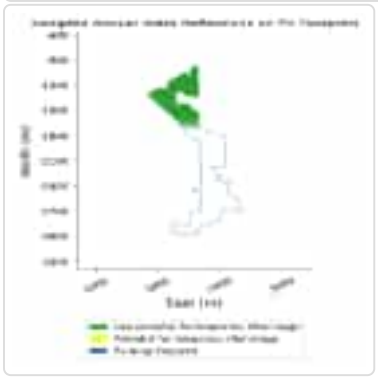
PV array is expected to produce the following glare for this receptor:

- 1,557 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





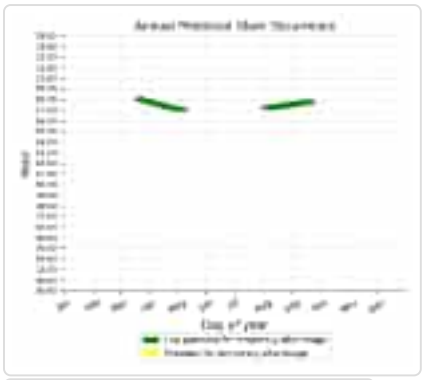


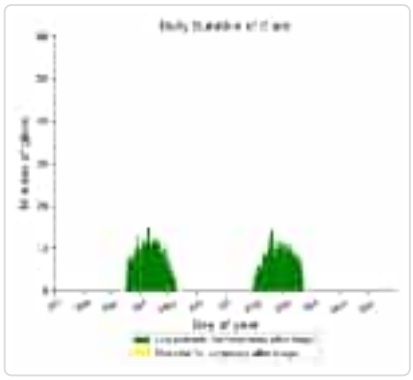


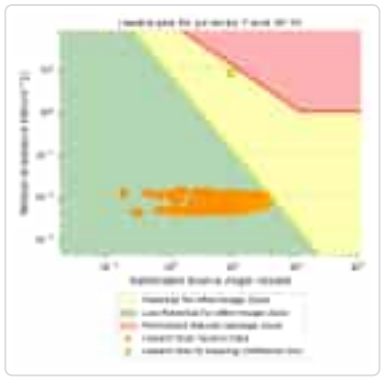
PV array 7: OP 44

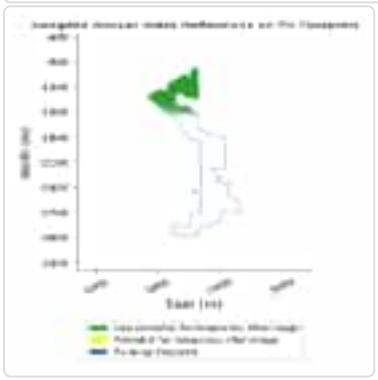
PV array is expected to produce the following glare for this receptor:

- 979 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









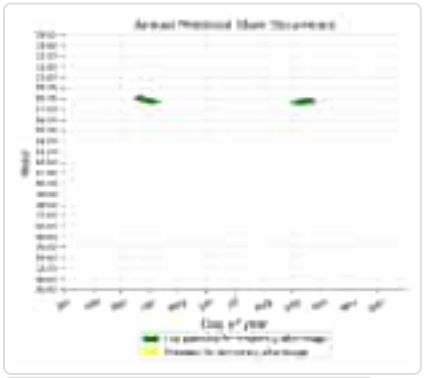
PV array 7: OP 45

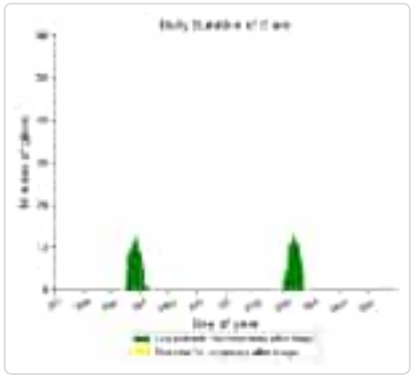
No glare found

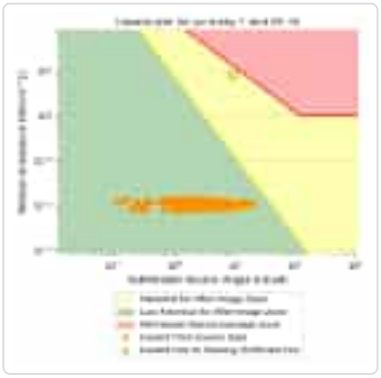
PV array 7: OP 46

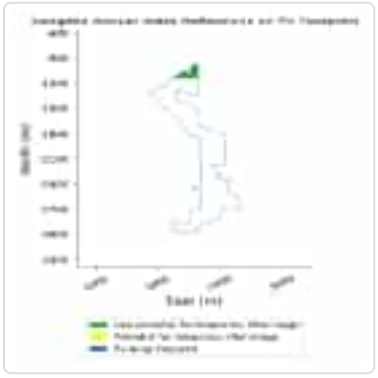
PV array is expected to produce the following glare for this receptor:

- 376 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 47

No glare found

PV array 7: OP 48

No glare found

PV array 7: OP 49

No glare found

PV array 7: OP 50

No glare found

PV array 7: OP 51

No glare found

PV array 7: OP 52

No glare found

PV array 7: OP 53

No glare found

PV array 7: OP 54

No glare found

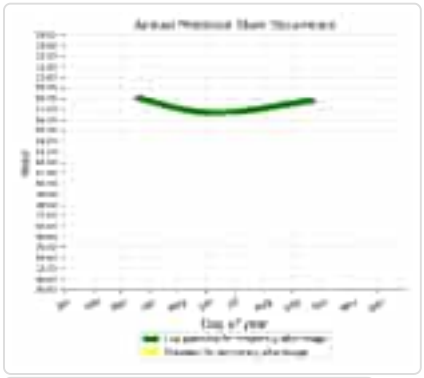
PV array 7: OP 55

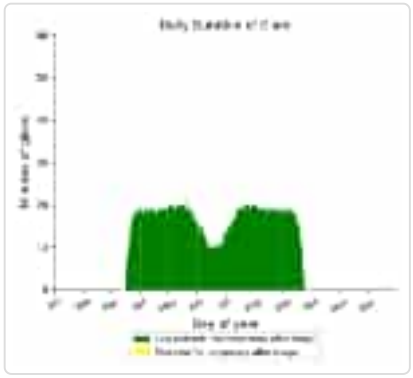
No glare found

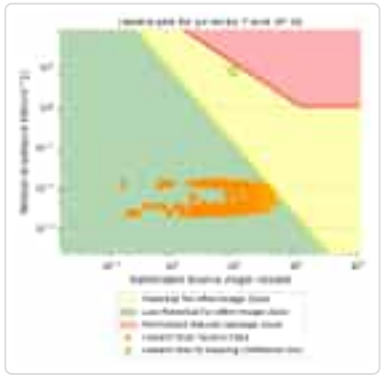
PV array 7: OP 56

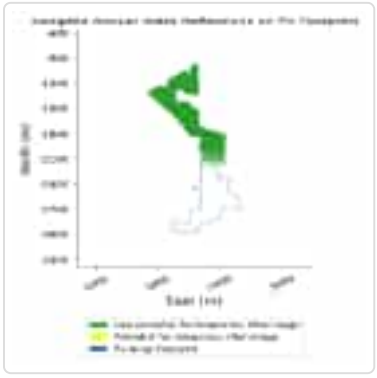
PV array is expected to produce the following glare for this receptor:

- 3,239 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





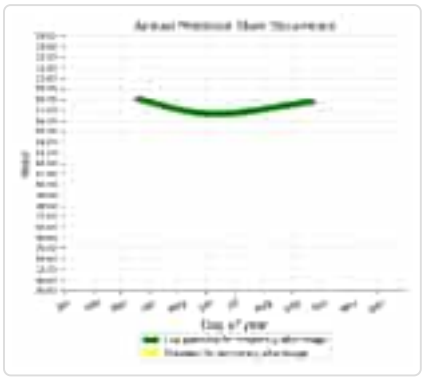


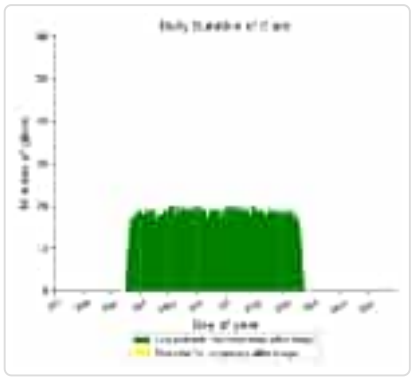


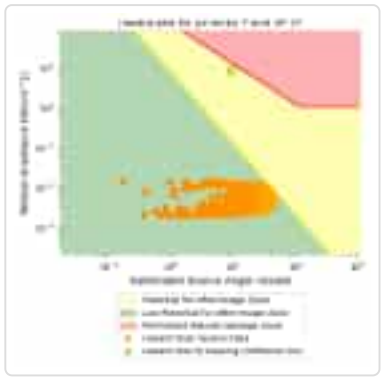
PV array 7: OP 57

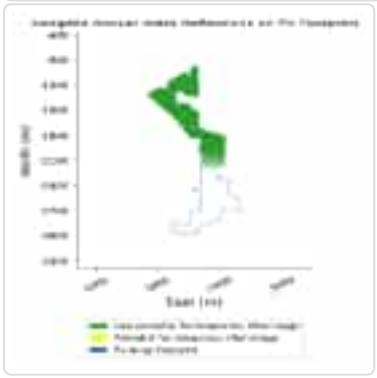
PV array is expected to produce the following glare for this receptor:

- 3,524 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





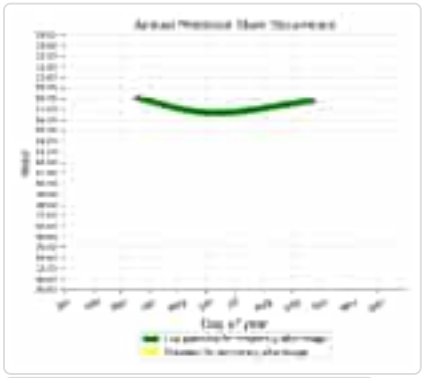


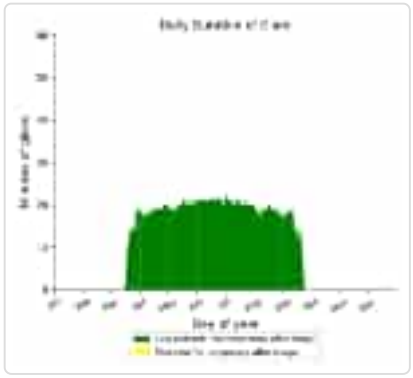


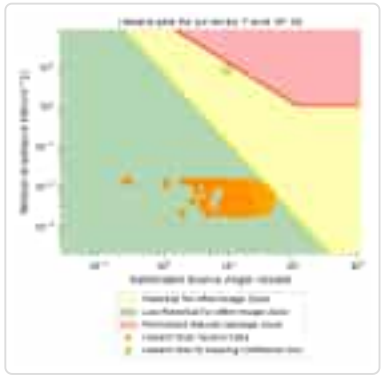
PV array 7: OP 58

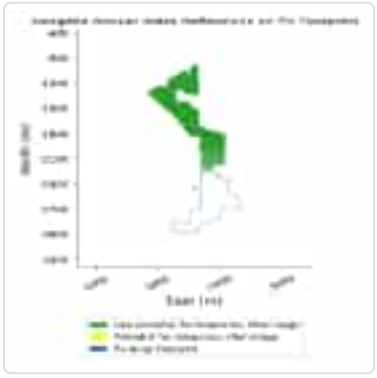
PV array is expected to produce the following glare for this receptor:

- 3,594 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





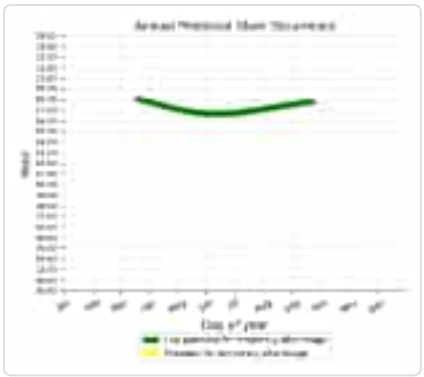


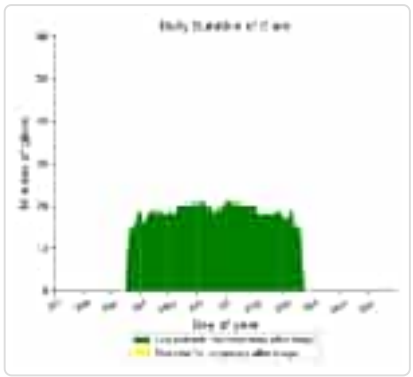


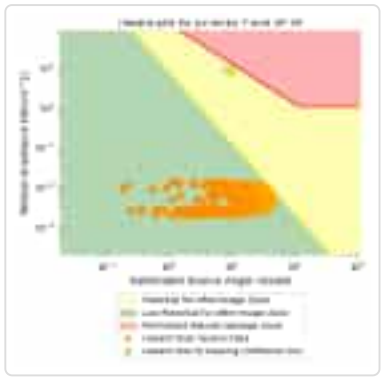
PV array 7: OP 59

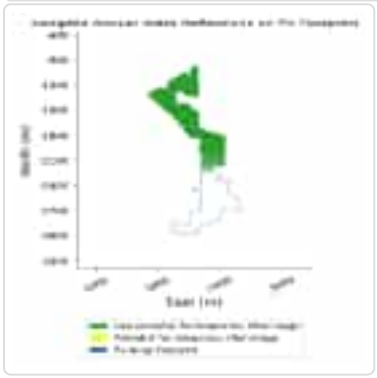
PV array is expected to produce the following glare for this receptor:

- 3,512 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





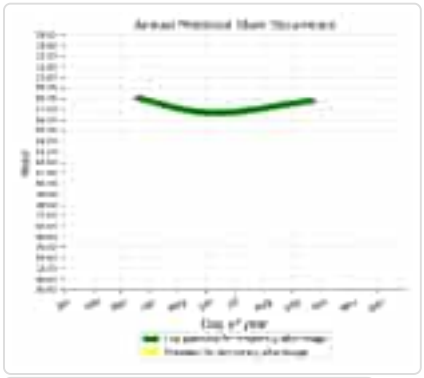


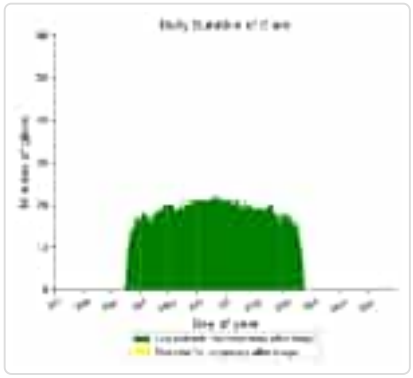


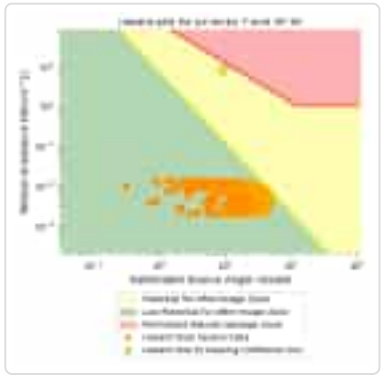
PV array 7: OP 60

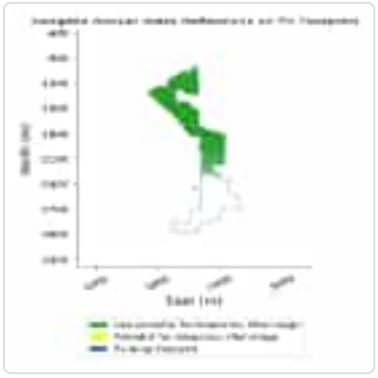
PV array is expected to produce the following glare for this receptor:

- 3,550 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





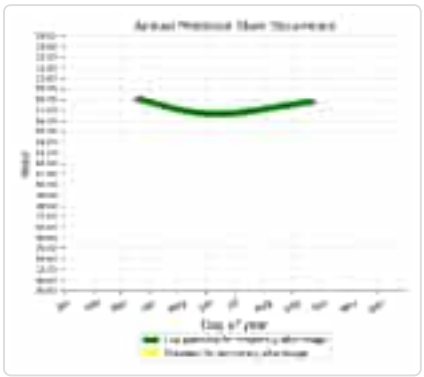


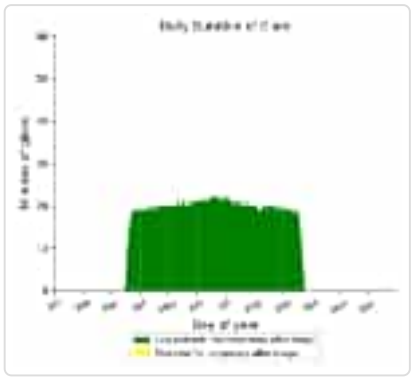


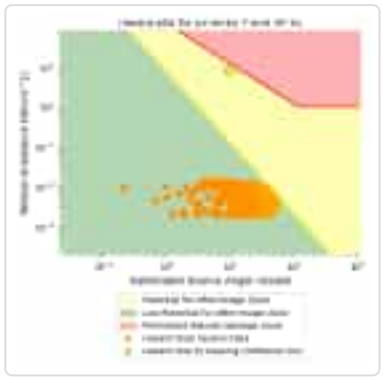
PV array 7: OP 61

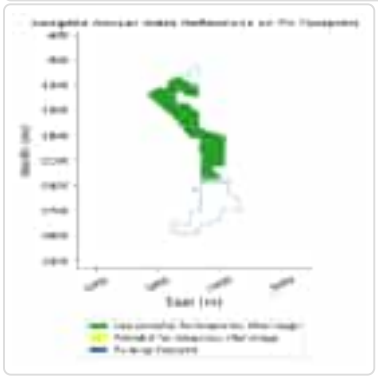
PV array is expected to produce the following glare for this receptor:

- 3,756 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





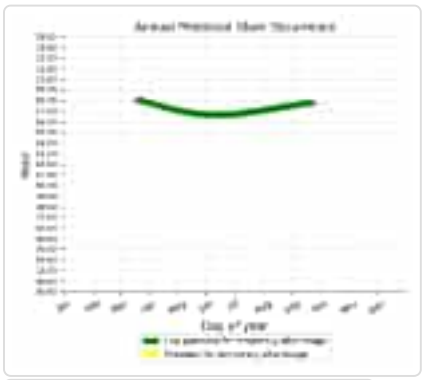


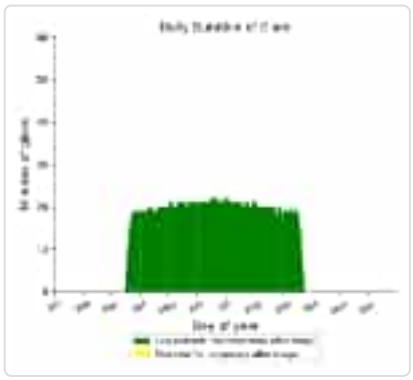


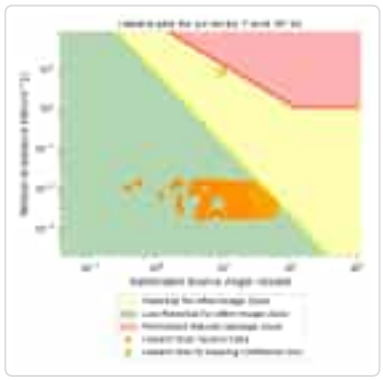
PV array 7: OP 62

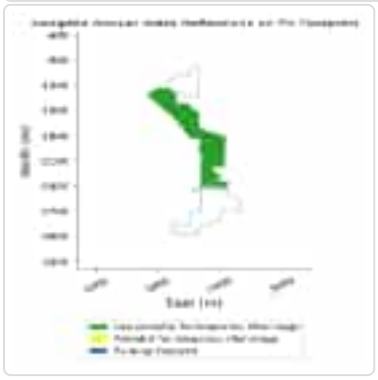
PV array is expected to produce the following glare for this receptor:

- 3,786 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





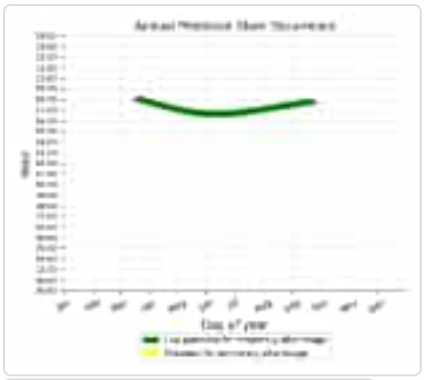


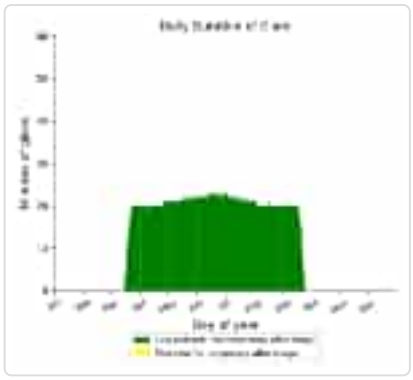


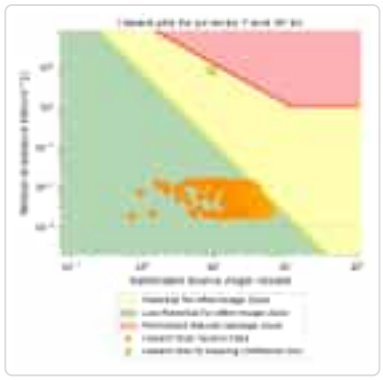
PV array 7: OP 63

PV array is expected to produce the following glare for this receptor:

- 3,925 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



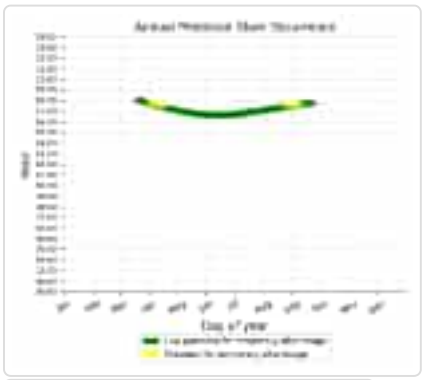


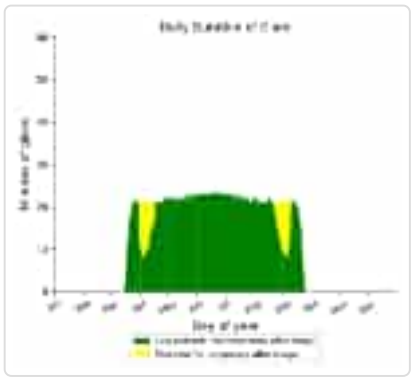


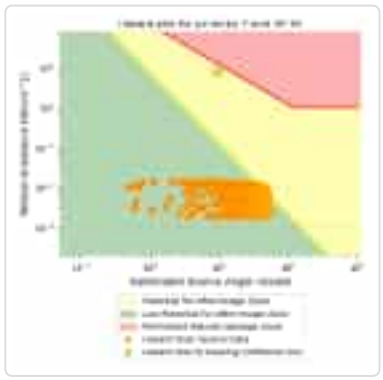
PV array 7: OP 64

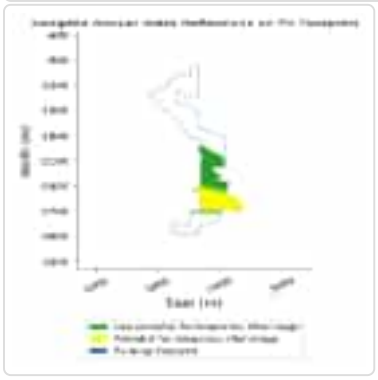
PV array is expected to produce the following glare for this receptor:

- 3,736 minutes of "green" glare with low potential to cause temporary after-image.
- 343 minutes of "yellow" glare with potential to cause temporary after-image.





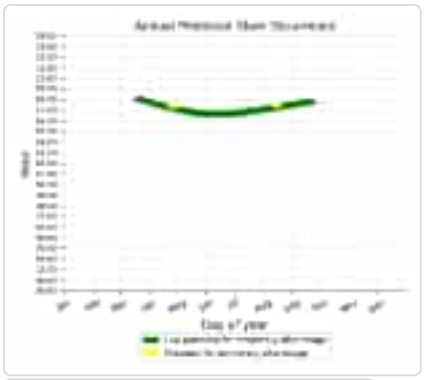


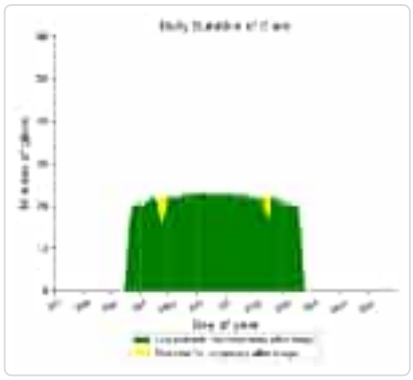


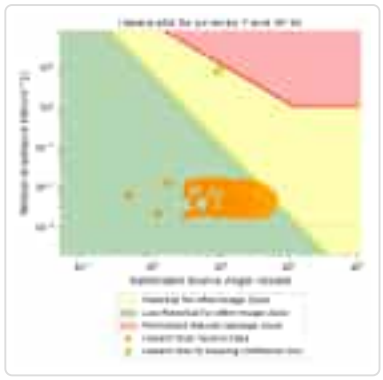
PV array 7: OP 65

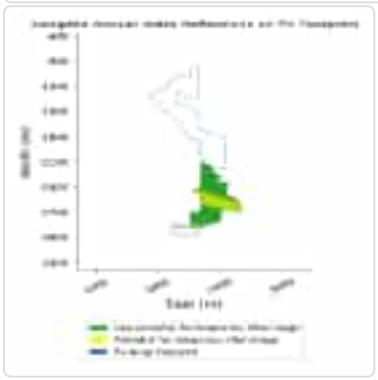
PV array is expected to produce the following glare for this receptor:

- 4,002 minutes of "green" glare with low potential to cause temporary after-image.
- 72 minutes of "yellow" glare with potential to cause temporary after-image.





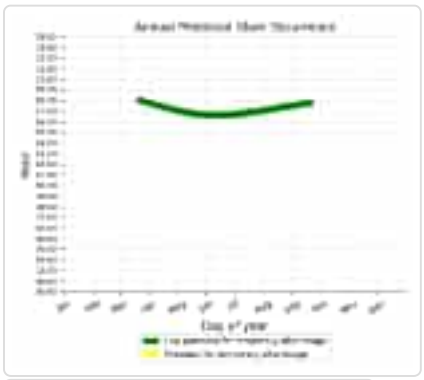


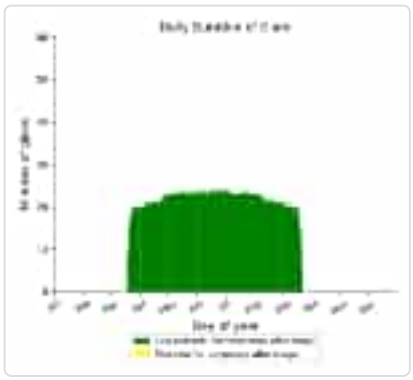


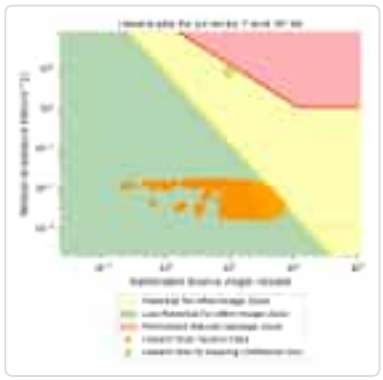
PV array 7: OP 66

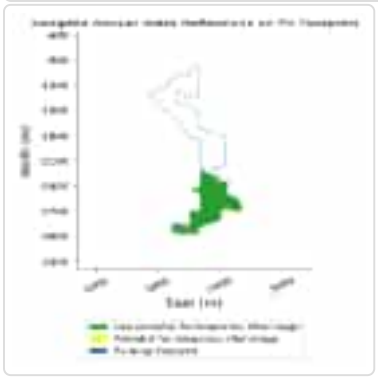
PV array is expected to produce the following glare for this receptor:

- 4,104 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





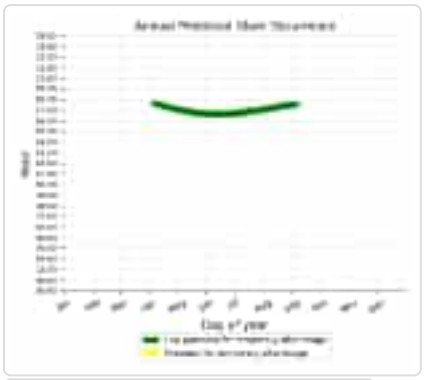


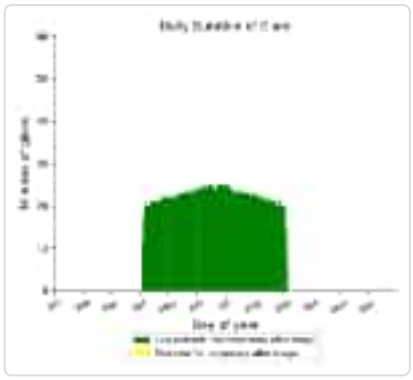


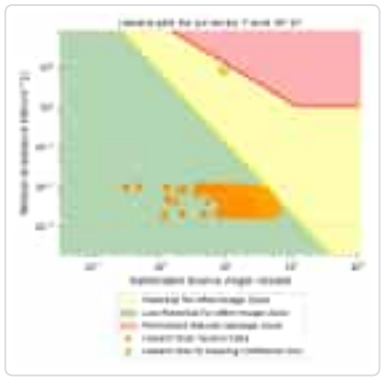
PV array 7: OP 67

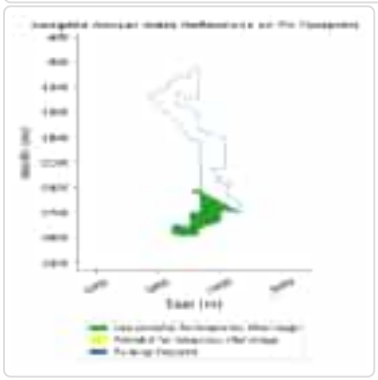
PV array is expected to produce the following glare for this receptor:

- 3,490 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





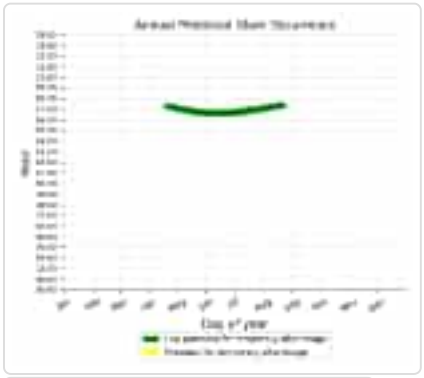


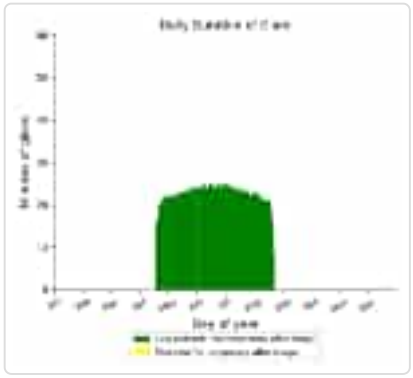


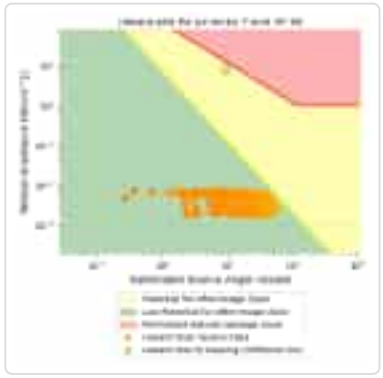
PV array 7: OP 68

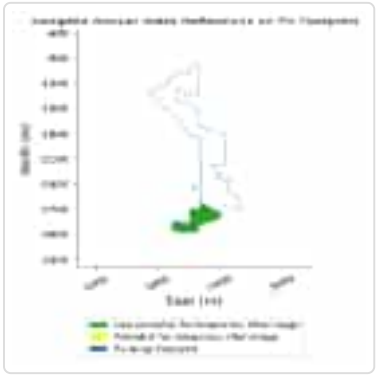
PV array is expected to produce the following glare for this receptor:

- 2,894 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





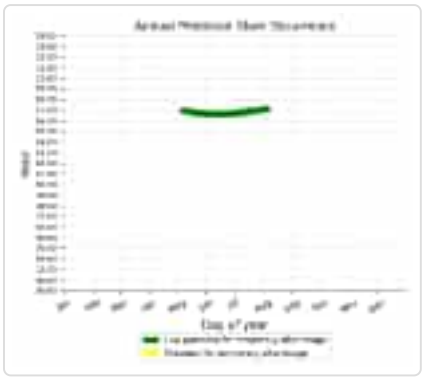


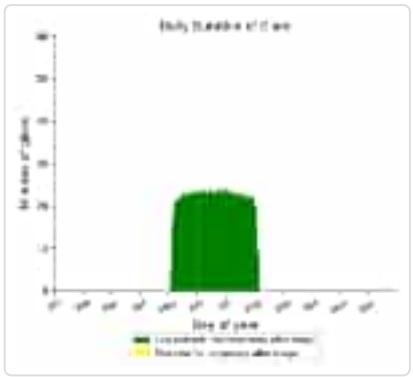


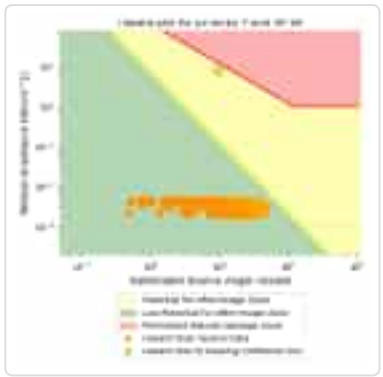
PV array 7: OP 69

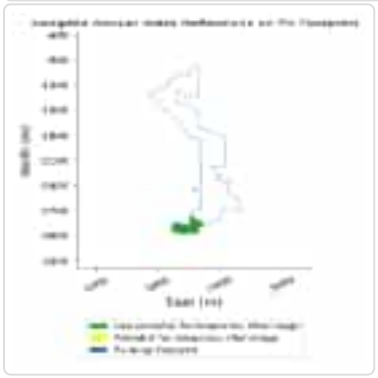
PV array is expected to produce the following glare for this receptor:

- 2,101 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





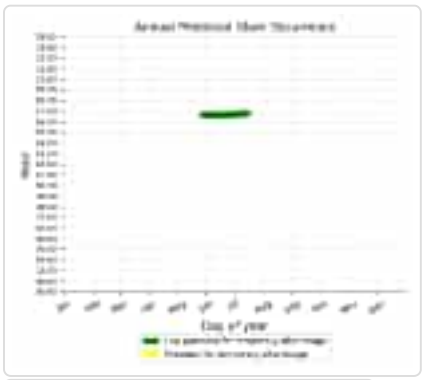


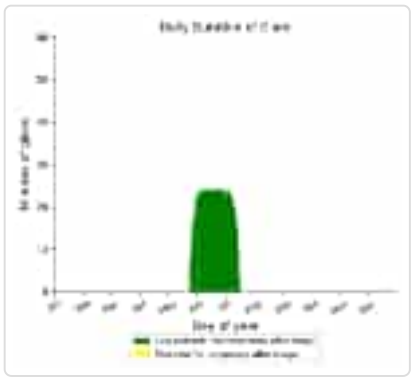


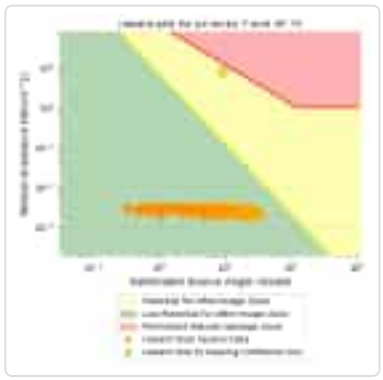
PV array 7: OP 70

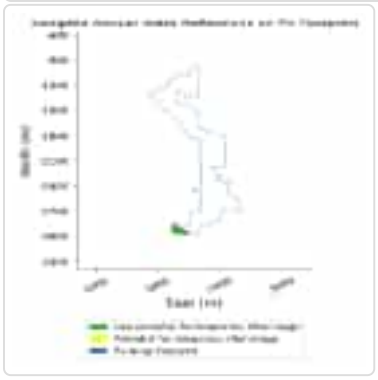
PV array is expected to produce the following glare for this receptor:

- 1,159 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 71

No glare found

PV array 7: OP 72

No glare found

PV array 7: OP 73

No glare found

PV array 8 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	2420	2378
OP: OP 14	0	0
OP: OP 15	0	0

OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	177	0
OP: OP 23	970	0
OP: OP 24	1245	0
OP: OP 25	1853	0
OP: OP 26	1072	0
OP: OP 27	920	0
OP: OP 28	571	0
OP: OP 29	1087	0
OP: OP 30	1269	0
OP: OP 31	1184	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	625	0
OP: OP 64	1834	0
OP: OP 65	2892	0
OP: OP 66	2247	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0

OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0

PV array 8: OP 1

No glare found

PV array 8: OP 2

No glare found

PV array 8: OP 3

No glare found

PV array 8: OP 4

No glare found

PV array 8: OP 5

No glare found

PV array 8: OP 6

No glare found

PV array 8: OP 7

No glare found

PV array 8: OP 8

No glare found

PV array 8: OP 9

No glare found

PV array 8: OP 10

No glare found

PV array 8: OP 11

No glare found

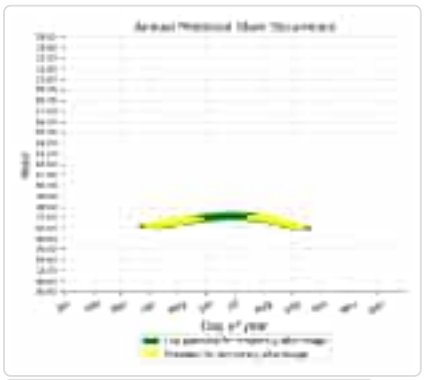
PV array 8: OP 12

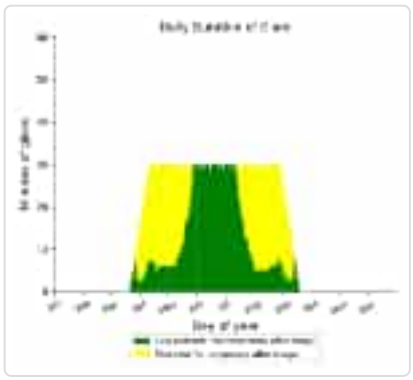
No glare found

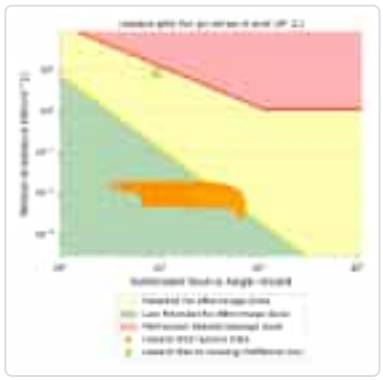
PV array 8: OP 13

PV array is expected to produce the following glare for this receptor:

- 2,420 minutes of "green" glare with low potential to cause temporary after-image.
- 2,378 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 8: OP 14

No glare found

PV array 8: OP 15

No glare found

PV array 8: OP 16

No glare found

PV array 8: OP 17

No glare found

PV array 8: OP 18

No glare found

PV array 8: OP 19

No glare found

PV array 8: OP 20

No glare found

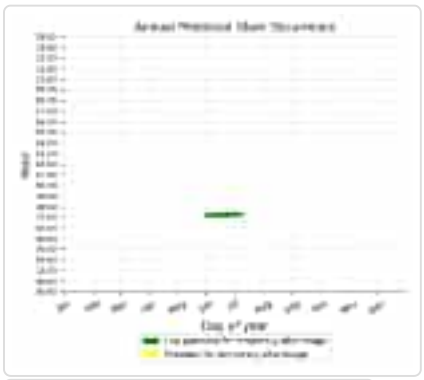
PV array 8: OP 21

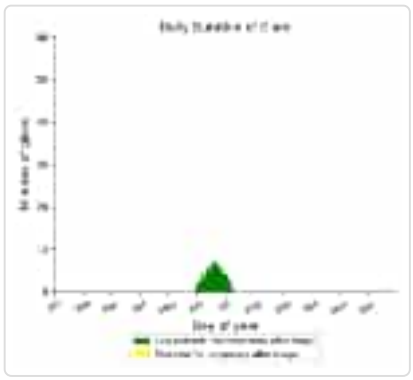
No glare found

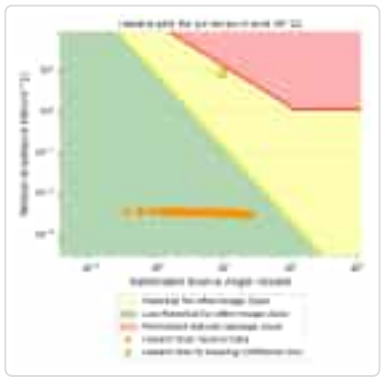
PV array 8: OP 22

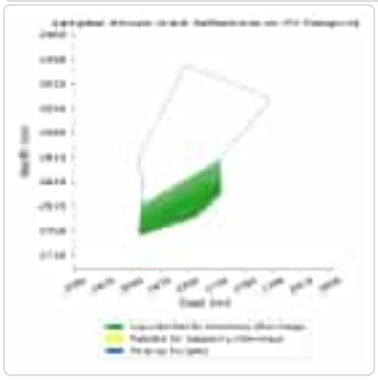
PV array is expected to produce the following glare for this receptor:

- 177 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





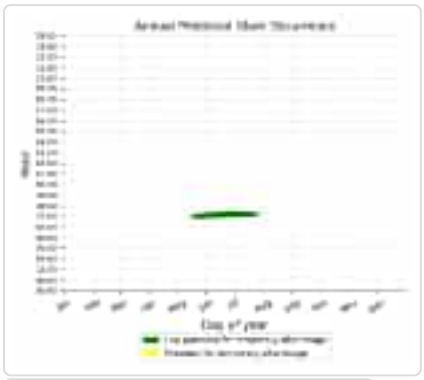


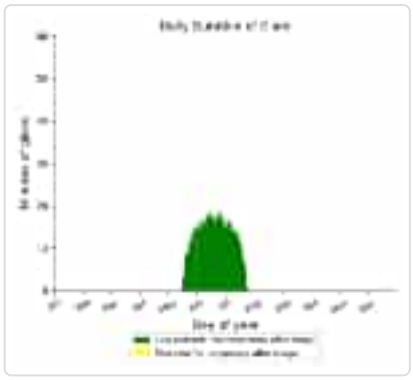


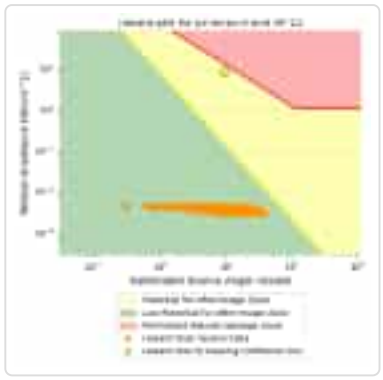
PV array 8: OP 23

PV array is expected to produce the following glare for this receptor:

- 970 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



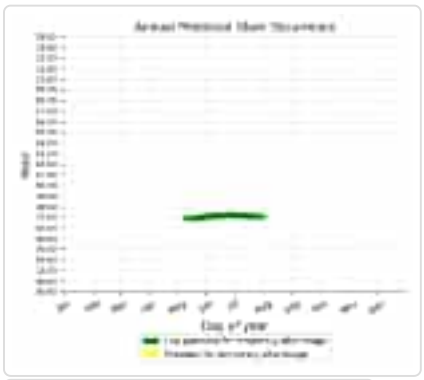


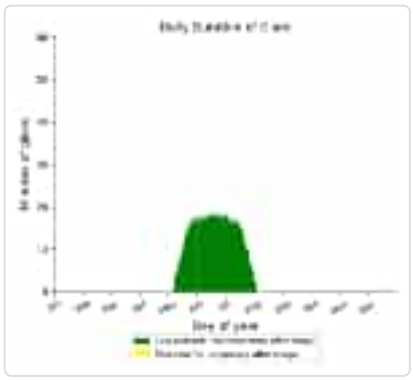


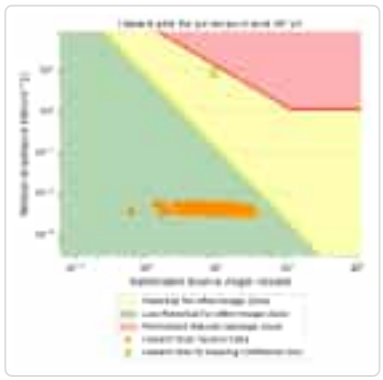
PV array 8: OP 24

PV array is expected to produce the following glare for this receptor:

- 1,245 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



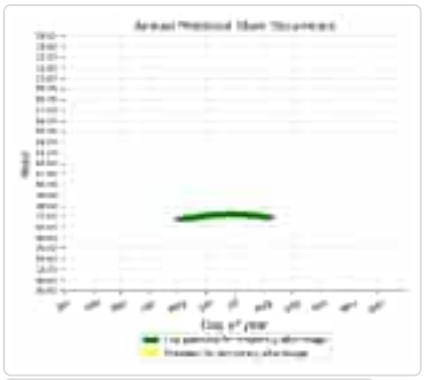


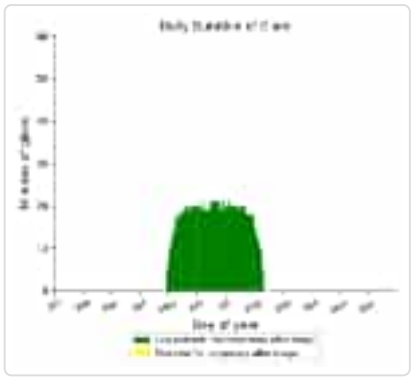


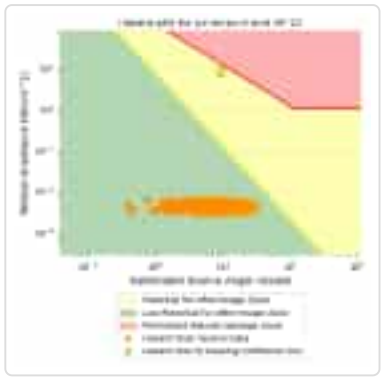
PV array 8: OP 25

PV array is expected to produce the following glare for this receptor:

- 1,853 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



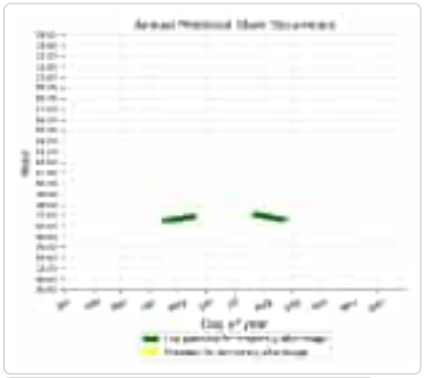


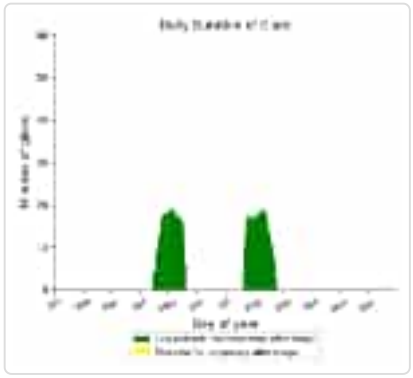


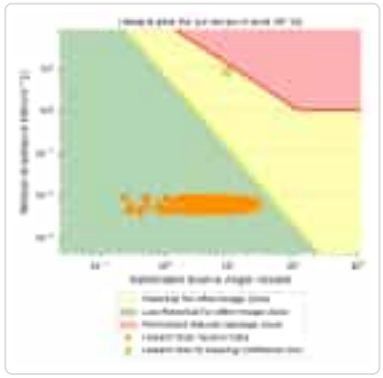
PV array 8: OP 26

PV array is expected to produce the following glare for this receptor:

- 1,072 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



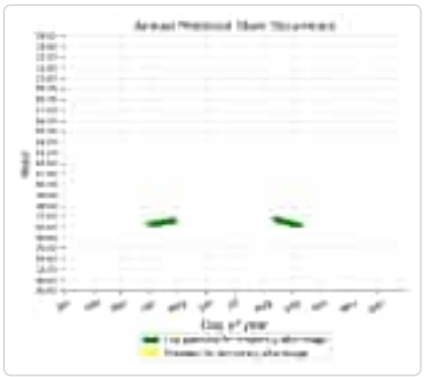


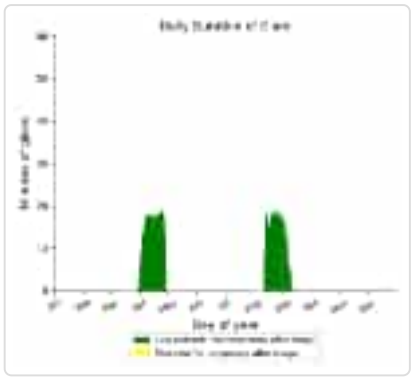


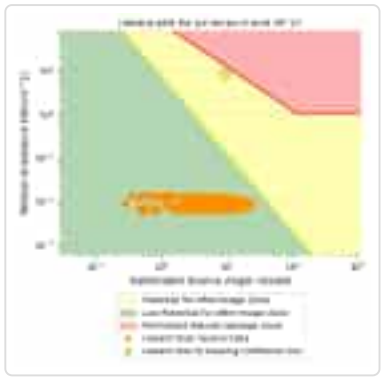
PV array 8: OP 27

PV array is expected to produce the following glare for this receptor:

- 920 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



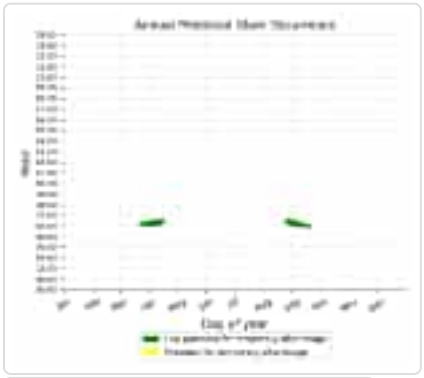


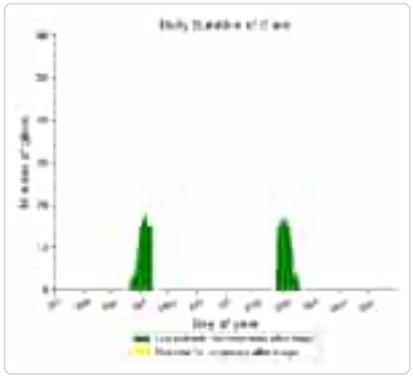


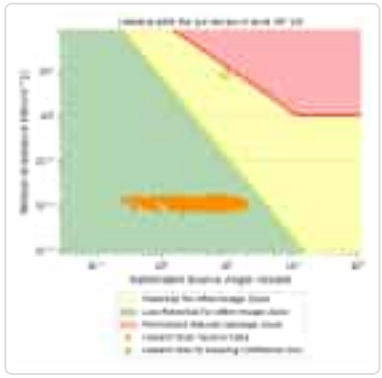
PV array 8: OP 28

PV array is expected to produce the following glare for this receptor:

- 571 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



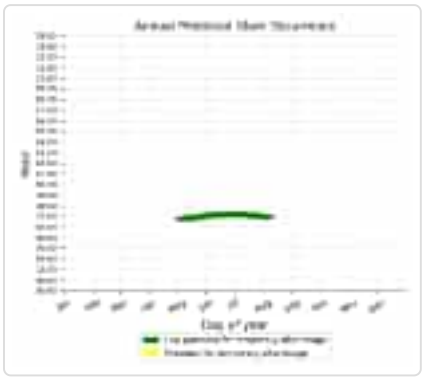


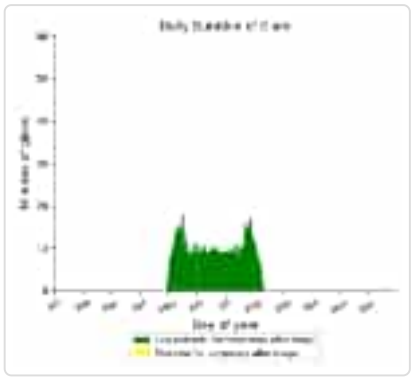


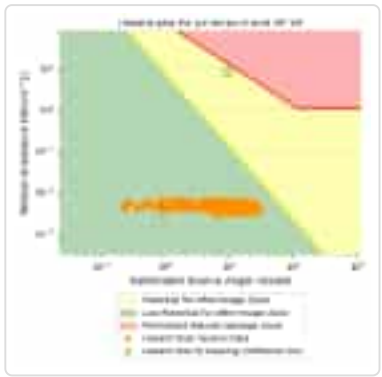
PV array 8: OP 29

PV array is expected to produce the following glare for this receptor:

- 1,087 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



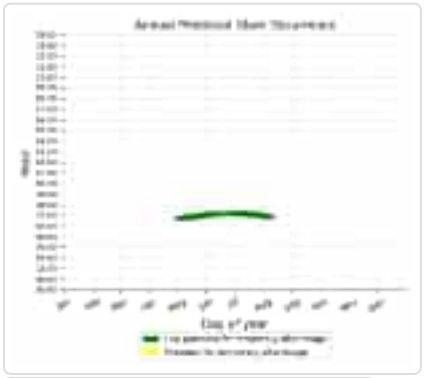
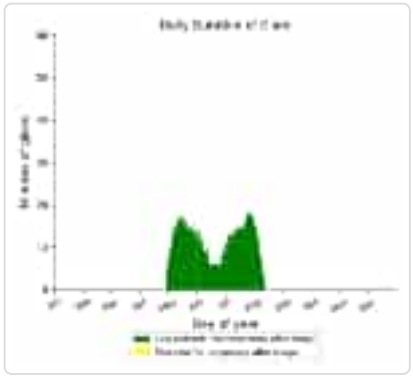
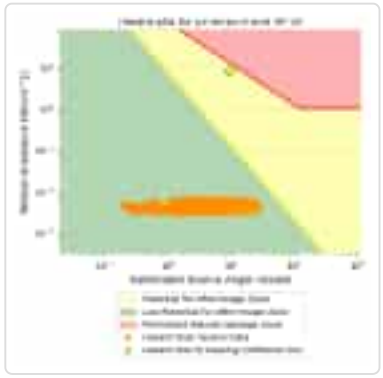




PV array 8: OP 30

PV array is expected to produce the following glare for this receptor:

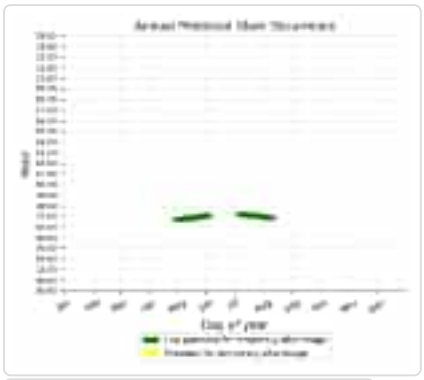
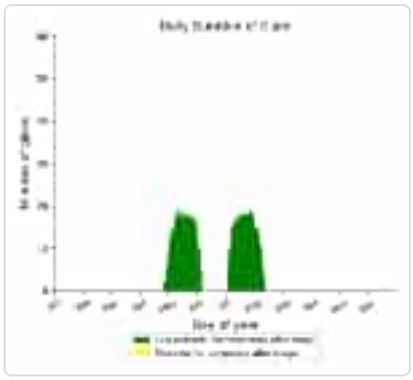
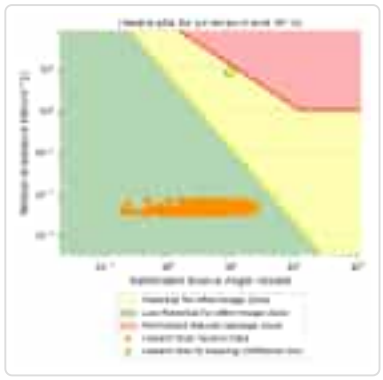
- 1,269 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 8: OP 31

PV array is expected to produce the following glare for this receptor:

- 1,184 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 8: OP 32

No glare found

PV array 8: OP 33

No glare found

PV array 8: OP 34

No glare found

PV array 8: OP 35

No glare found

PV array 8: OP 36

No glare found

PV array 8: OP 37

No glare found

PV array 8: OP 38

No glare found

PV array 8: OP 39

No glare found

PV array 8: OP 40

No glare found

PV array 8: OP 41

No glare found

PV array 8: OP 42

No glare found

PV array 8: OP 43

No glare found

PV array 8: OP 44

No glare found

PV array 8: OP 45

No glare found

PV array 8: OP 46

No glare found

PV array 8: OP 47

No glare found

PV array 8: OP 48

No glare found

PV array 8: OP 49

No glare found

PV array 8: OP 50

No glare found

PV array 8: OP 51

No glare found

PV array 8: OP 52

No glare found

PV array 8: OP 53

No glare found

PV array 8: OP 54

No glare found

PV array 8: OP 55

No glare found

PV array 8: OP 56

No glare found

PV array 8: OP 57

No glare found

PV array 8: OP 58

No glare found

PV array 8: OP 59

No glare found

PV array 8: OP 60

No glare found

PV array 8: OP 61

No glare found

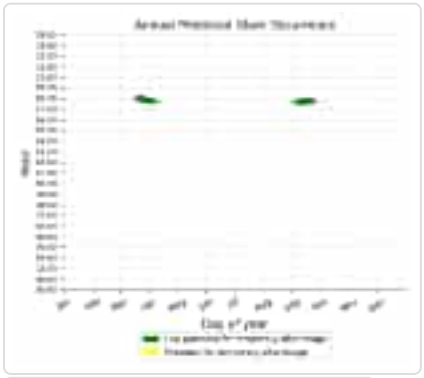
PV array 8: OP 62

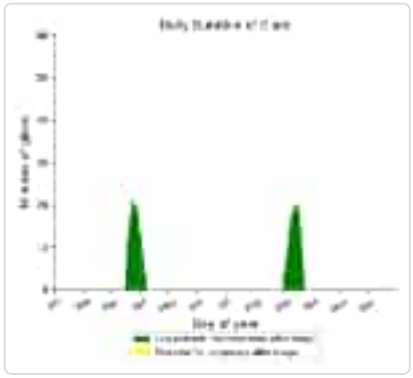
No glare found

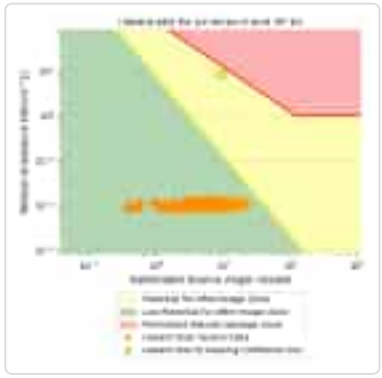
PV array 8: OP 63

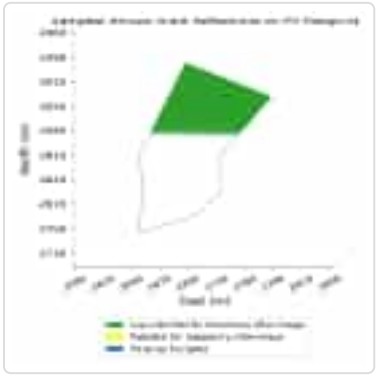
PV array is expected to produce the following glare for this receptor:

- 625 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





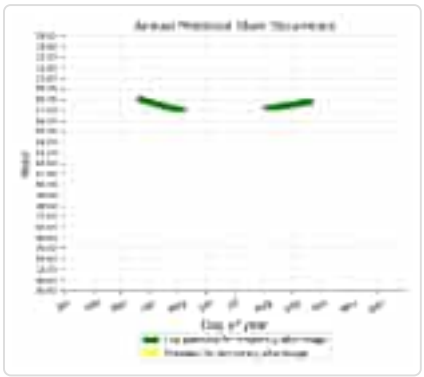


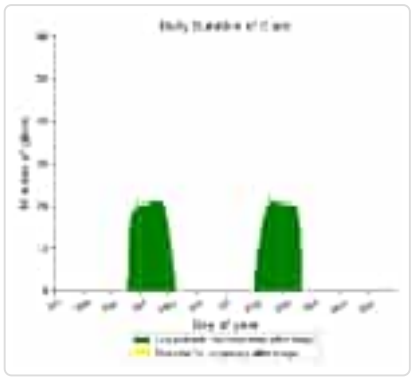


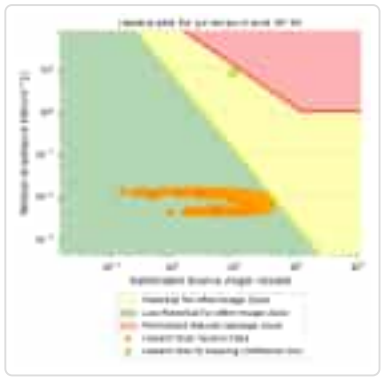
PV array 8: OP 64

PV array is expected to produce the following glare for this receptor:

- 1,834 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



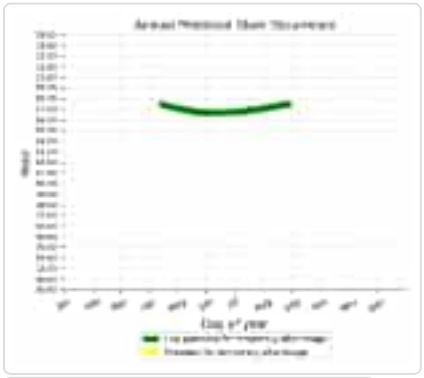
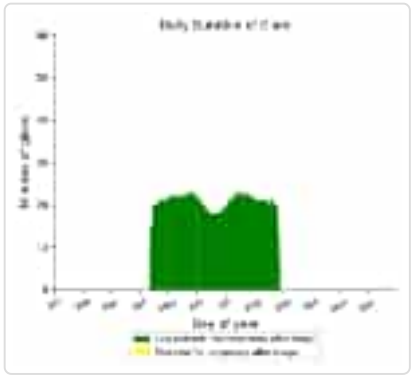
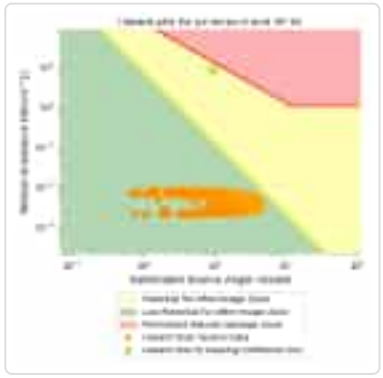




PV array 8: OP 65

PV array is expected to produce the following glare for this receptor:

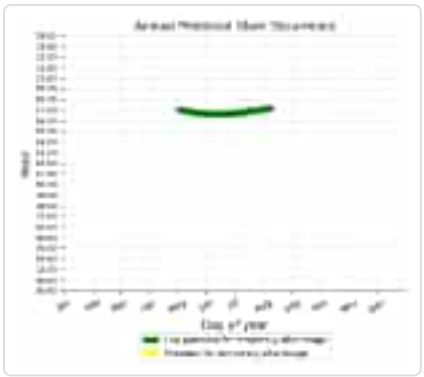
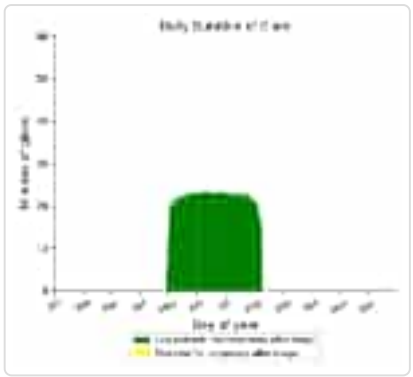
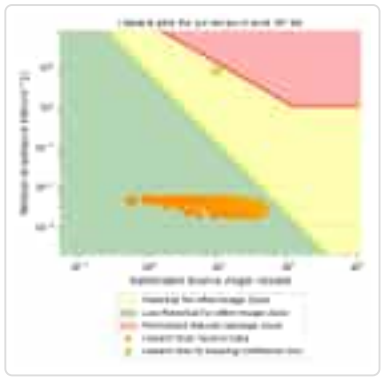
- 2,892 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 8: OP 66

PV array is expected to produce the following glare for this receptor:

- 2,247 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 8: OP 67

No glare found

PV array 8: OP 68

No glare found

PV array 8: OP 69

No glare found

PV array 8: OP 70

No glare found

PV array 8: OP 71

No glare found

PV array 8: OP 72

No glare found

PV array 8: OP 73

No glare found

PV array 9 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	95	0
OP: OP 17	1783	256
OP: OP 18	0	0
OP: OP 19	1344	1978
OP: OP 20	5298	2600
OP: OP 21	1737	4184
OP: OP 22	2116	1734
OP: OP 23	2637	565
OP: OP 24	1541	164
OP: OP 25	1055	0
OP: OP 26	15	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	1174	0
OP: OP 30	993	0

OP: OP 31	873	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	2234	0
OP: OP 48	880	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	279	0
OP: OP 68	952	0
OP: OP 69	1145	0
OP: OP 70	1876	0
OP: OP 71	2165	0
OP: OP 72	1619	0
OP: OP 73	288	0

PV array 9: OP 1

No glare found

PV array 9: OP 2

No glare found

PV array 9: OP 3

No glare found

PV array 9: OP 4

No glare found

PV array 9: OP 5

No glare found

PV array 9: OP 6

No glare found

PV array 9: OP 7

No glare found

PV array 9: OP 8

No glare found

PV array 9: OP 9

No glare found

PV array 9: OP 10

No glare found

PV array 9: OP 11

No glare found

PV array 9: OP 12

No glare found

PV array 9: OP 13

No glare found

PV array 9: OP 14

No glare found

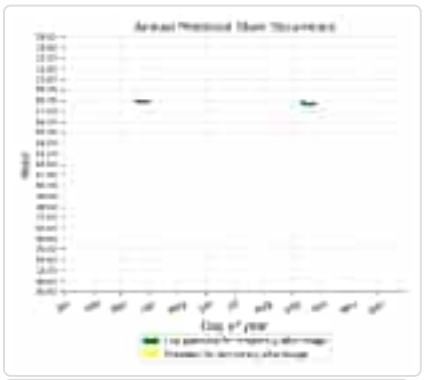
PV array 9: OP 15

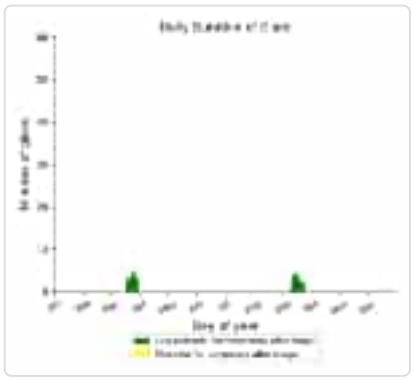
No glare found

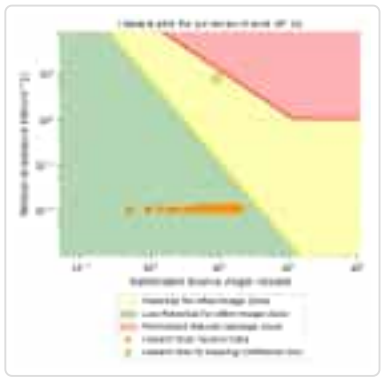
PV array 9: OP 16

PV array is expected to produce the following glare for this receptor:

- 95 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



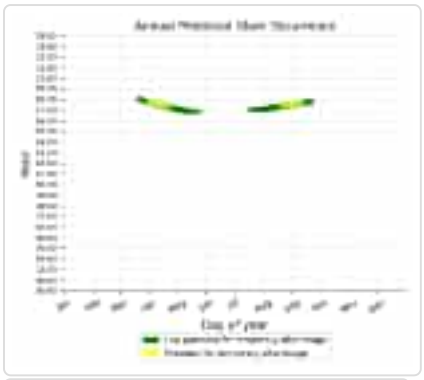


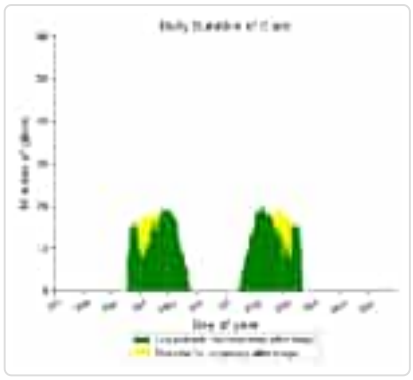


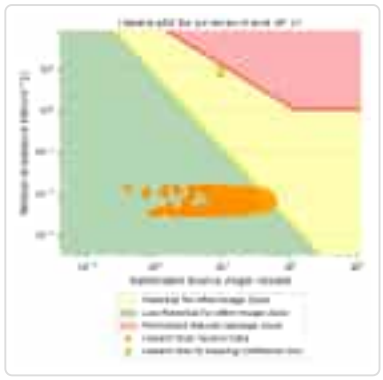
PV array 9: OP 17

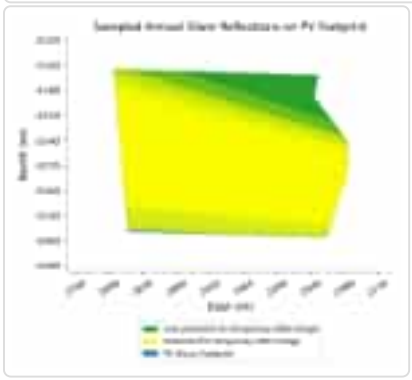
PV array is expected to produce the following glare for this receptor:

- 1,783 minutes of "green" glare with low potential to cause temporary after-image.
- 256 minutes of "yellow" glare with potential to cause temporary after-image.









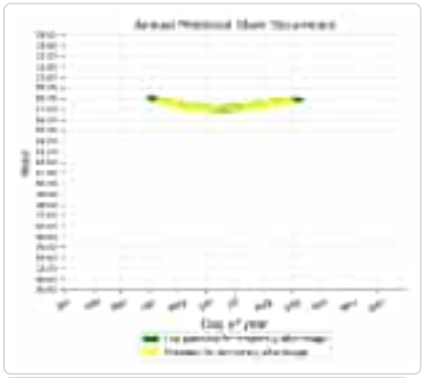
PV array 9: OP 18

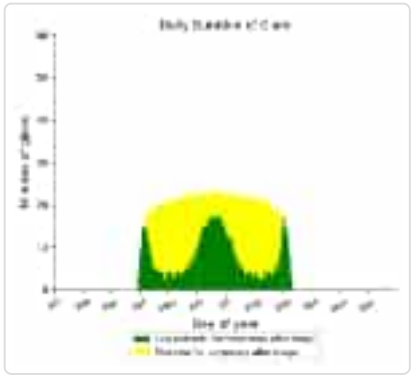
No glare found

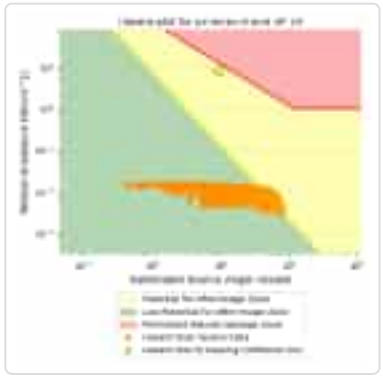
PV array 9: OP 19

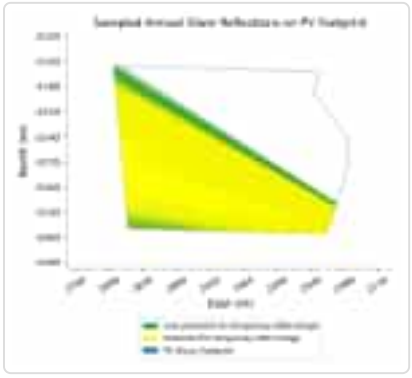
PV array is expected to produce the following glare for this receptor:

- 1,344 minutes of "green" glare with low potential to cause temporary after-image.
- 1,978 minutes of "yellow" glare with potential to cause temporary after-image.





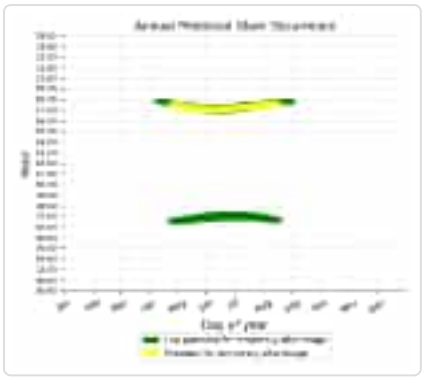


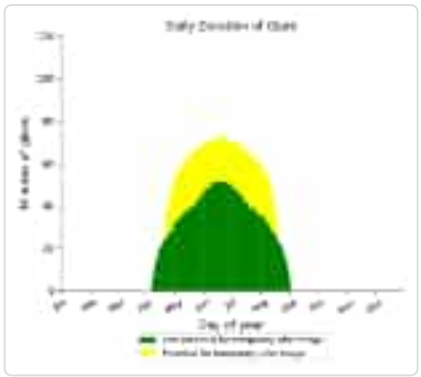


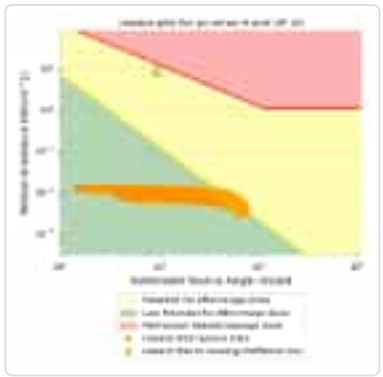
PV array 9: OP 20

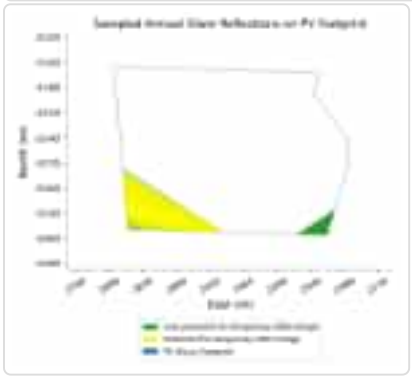
PV array is expected to produce the following glare for this receptor:

- 5,298 minutes of "green" glare with low potential to cause temporary after-image.
- 2,600 minutes of "yellow" glare with potential to cause temporary after-image.





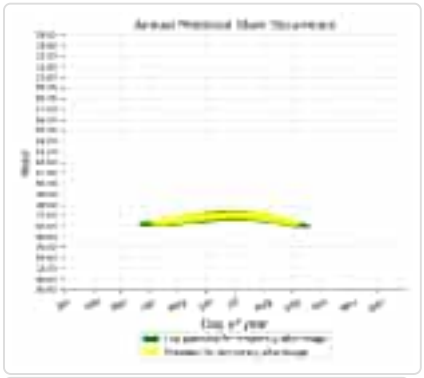


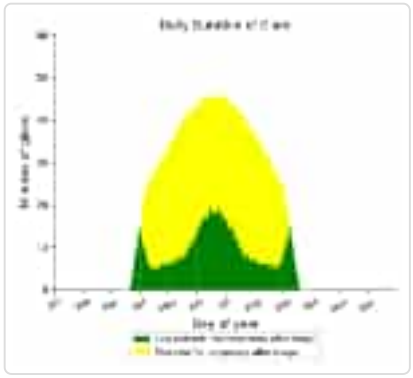


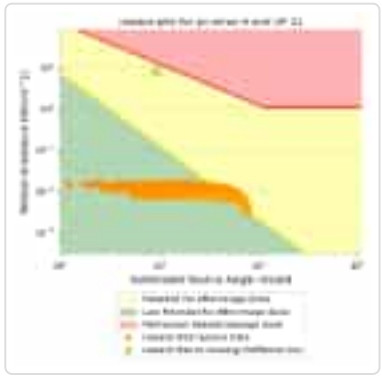
PV array 9: OP 21

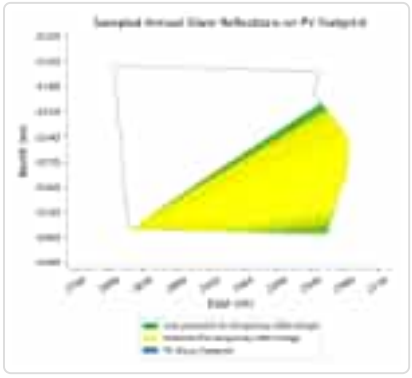
PV array is expected to produce the following glare for this receptor:

- 1,737 minutes of "green" glare with low potential to cause temporary after-image.
- 4,184 minutes of "yellow" glare with potential to cause temporary after-image.





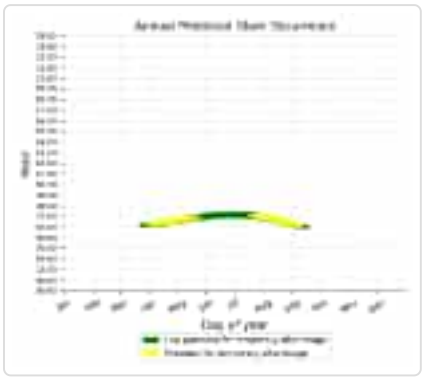


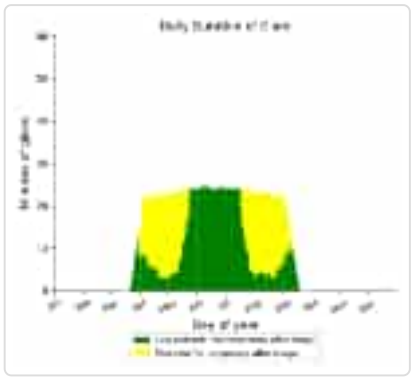


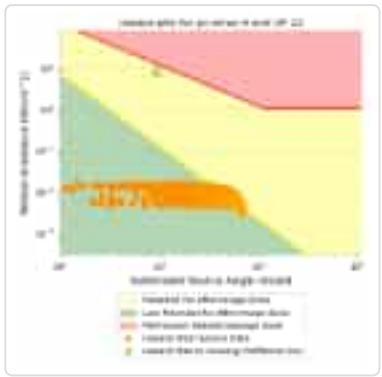
PV array 9: OP 22

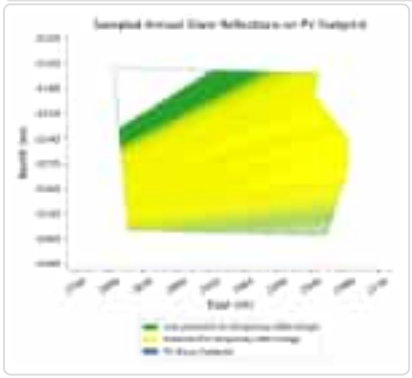
PV array is expected to produce the following glare for this receptor:

- 2,116 minutes of "green" glare with low potential to cause temporary after-image.
- 1,734 minutes of "yellow" glare with potential to cause temporary after-image.





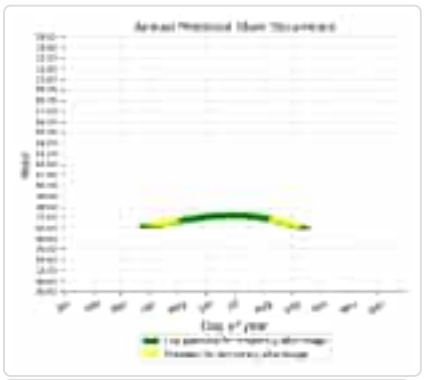


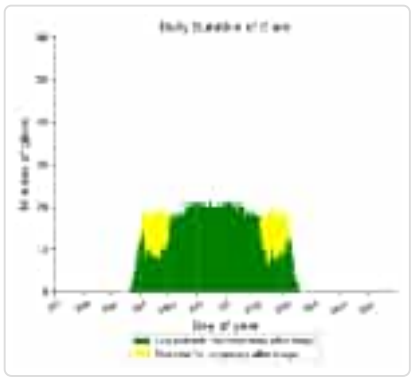


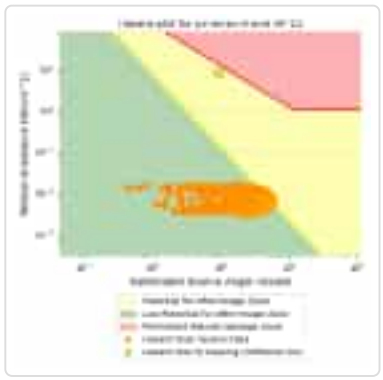
PV array 9: OP 23

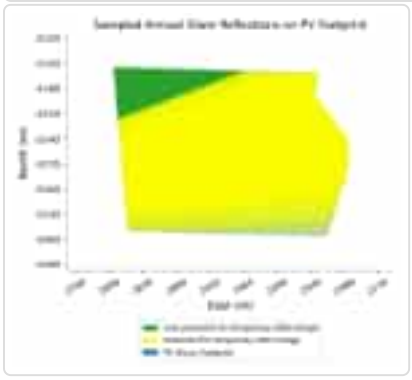
PV array is expected to produce the following glare for this receptor:

- 2,637 minutes of "green" glare with low potential to cause temporary after-image.
- 565 minutes of "yellow" glare with potential to cause temporary after-image.





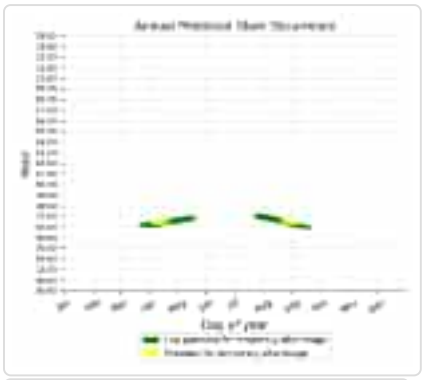


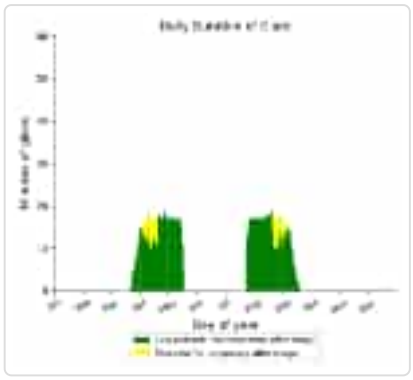


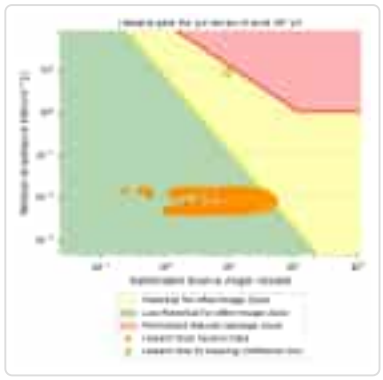
PV array 9: OP 24

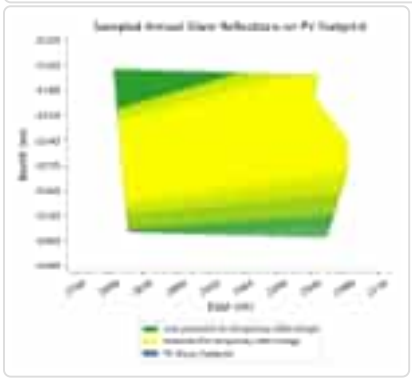
PV array is expected to produce the following glare for this receptor:

- 1,541 minutes of "green" glare with low potential to cause temporary after-image.
- 164 minutes of "yellow" glare with potential to cause temporary after-image.





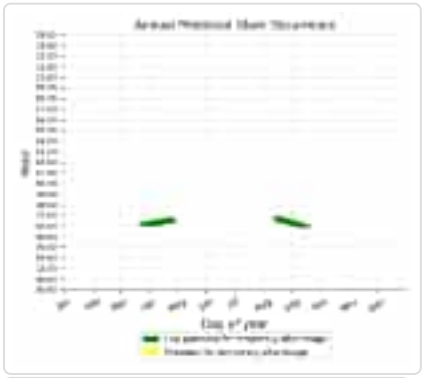


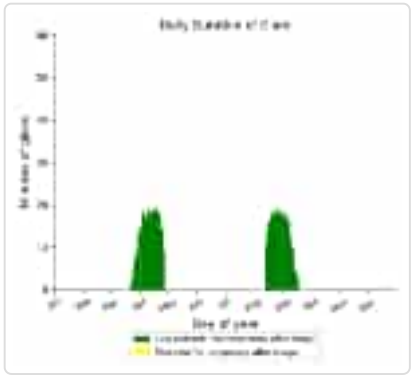


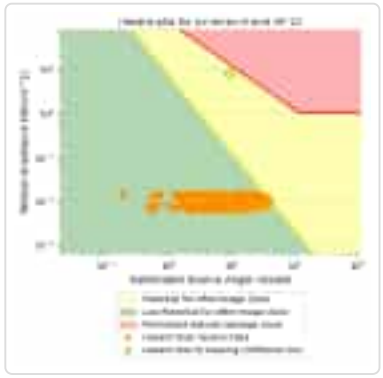
PV array 9: OP 25

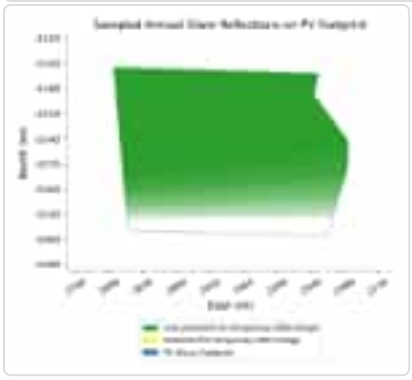
PV array is expected to produce the following glare for this receptor:

- 1,055 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





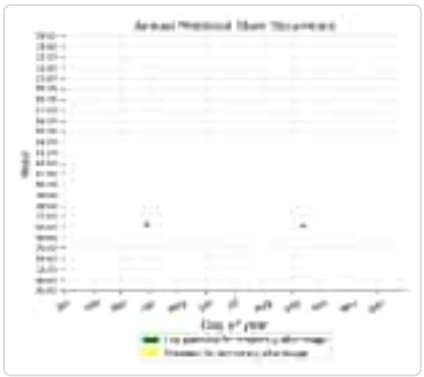


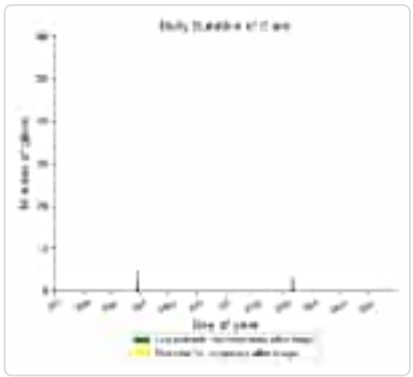


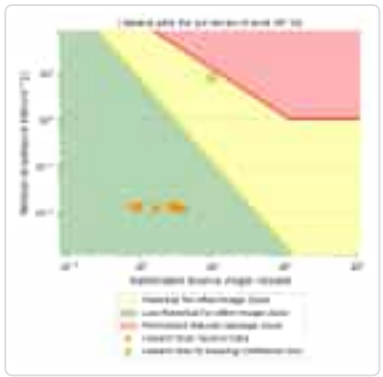
PV array 9: OP 26

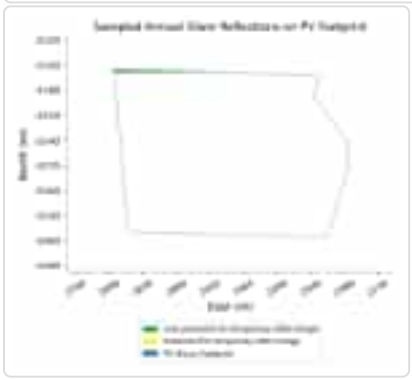
PV array is expected to produce the following glare for this receptor:

- 15 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 27

No glare found

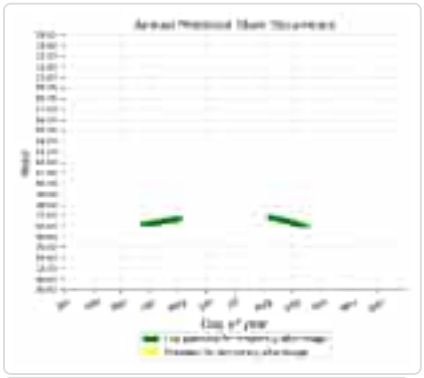
PV array 9: OP 28

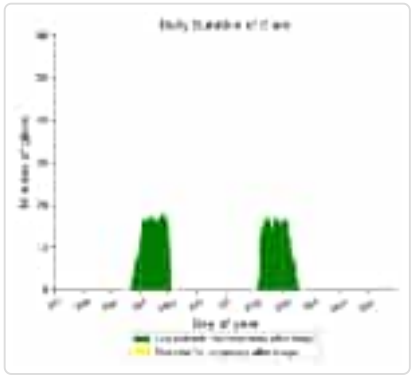
No glare found

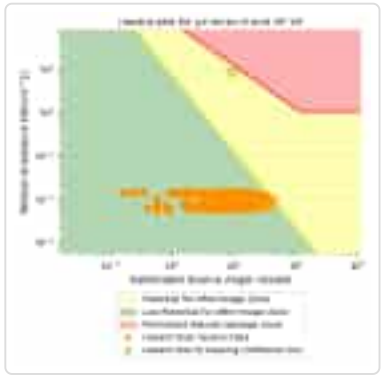
PV array 9: OP 29

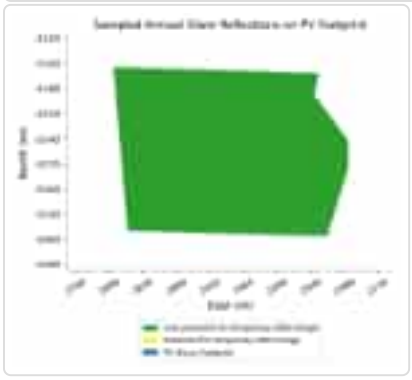
PV array is expected to produce the following glare for this receptor:

- 1,174 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





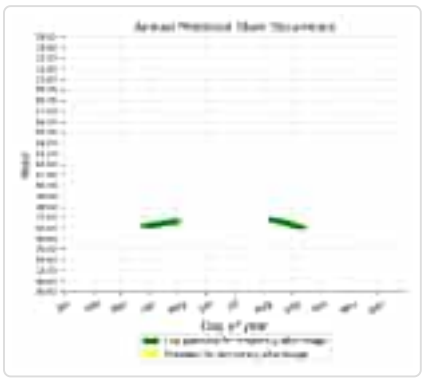


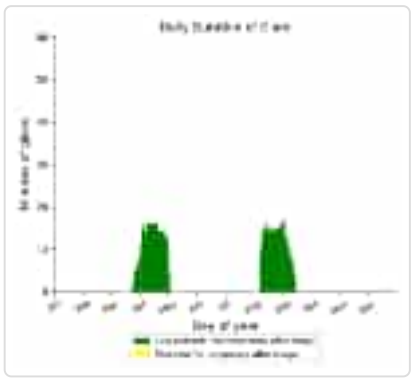


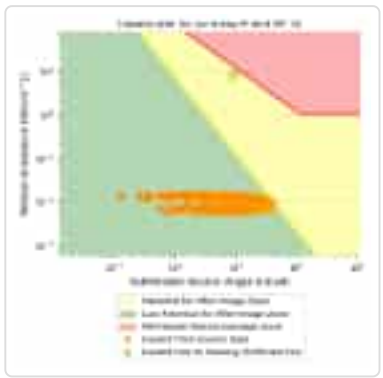
PV array 9: OP 30

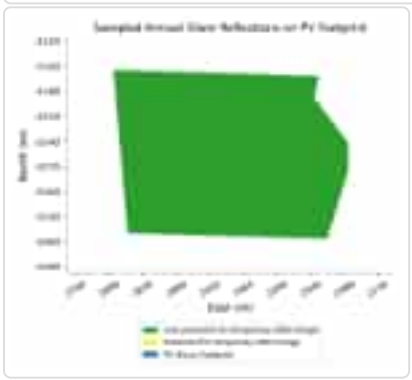
PV array is expected to produce the following glare for this receptor:

- 993 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





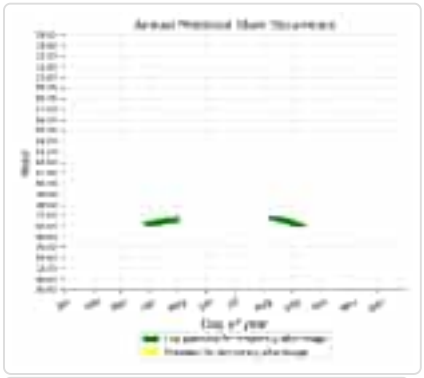


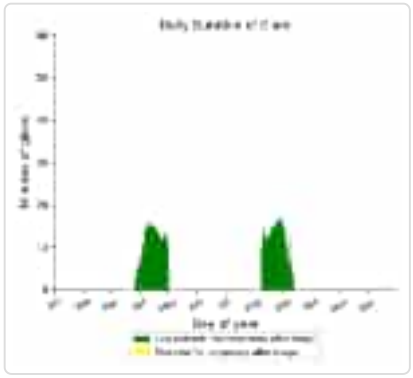


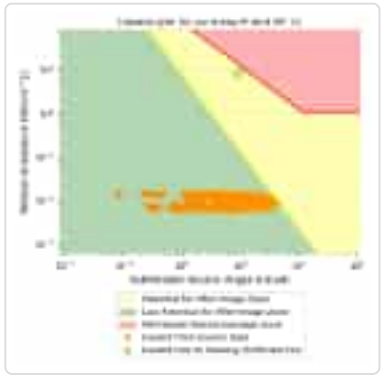
PV array 9: OP 31

PV array is expected to produce the following glare for this receptor:

- 873 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 9: OP 32

No glare found

PV array 9: OP 33

No glare found

PV array 9: OP 34

No glare found

PV array 9: OP 35

No glare found

PV array 9: OP 36

No glare found

PV array 9: OP 37

No glare found

PV array 9: OP 38

No glare found

PV array 9: OP 39

No glare found

PV array 9: OP 40

No glare found

PV array 9: OP 41

No glare found

PV array 9: OP 42

No glare found

PV array 9: OP 43

No glare found

PV array 9: OP 44

No glare found

PV array 9: OP 45

No glare found

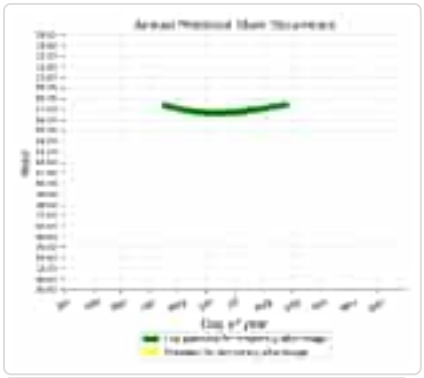
PV array 9: OP 46

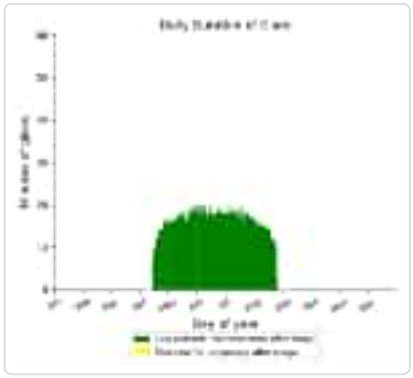
No glare found

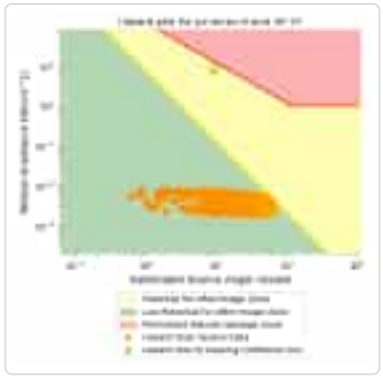
PV array 9: OP 47

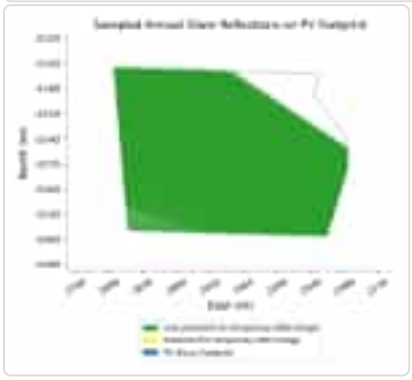
PV array is expected to produce the following glare for this receptor:

- 2,234 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





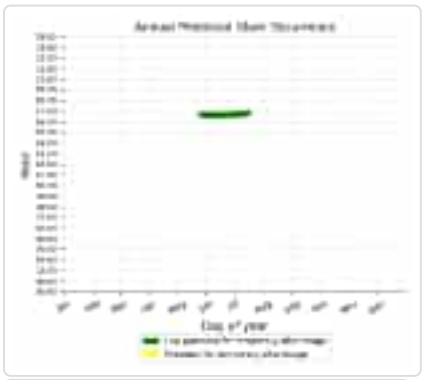


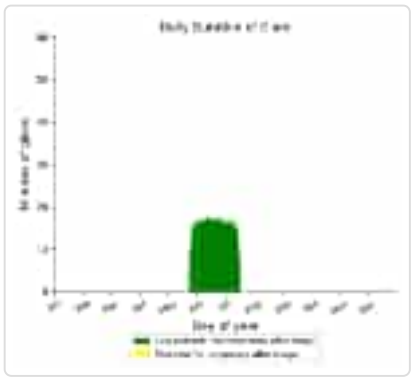


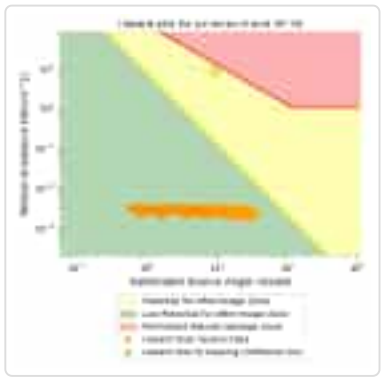
PV array 9: OP 48

PV array is expected to produce the following glare for this receptor:

- 880 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 9: OP 49

No glare found

PV array 9: OP 50

No glare found

PV array 9: OP 51

No glare found

PV array 9: OP 52

No glare found

PV array 9: OP 53

No glare found

PV array 9: OP 54

No glare found

PV array 9: OP 55

No glare found

PV array 9: OP 56

No glare found

PV array 9: OP 57

No glare found

PV array 9: OP 58

No glare found

PV array 9: OP 59

No glare found

PV array 9: OP 60

No glare found

PV array 9: OP 61

No glare found

PV array 9: OP 62

No glare found

PV array 9: OP 63

No glare found

PV array 9: OP 64

No glare found

PV array 9: OP 65

No glare found

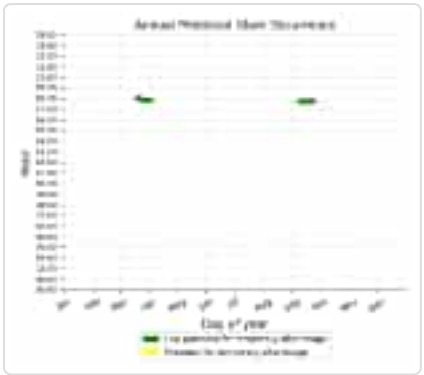
PV array 9: OP 66

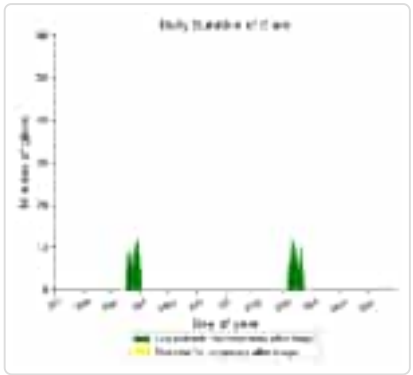
No glare found

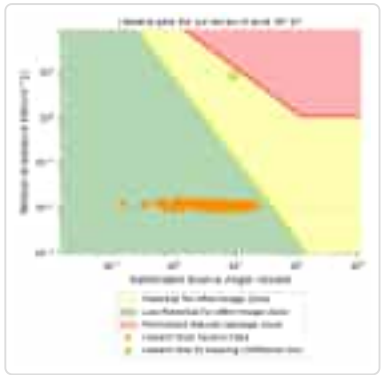
PV array 9: OP 67

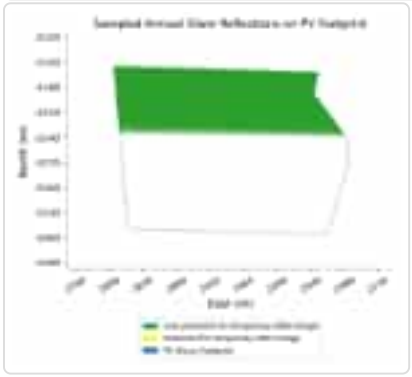
PV array is expected to produce the following glare for this receptor:

- 279 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





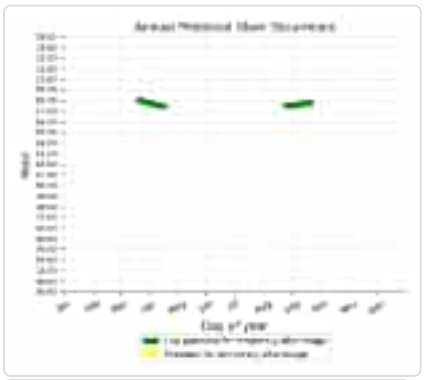


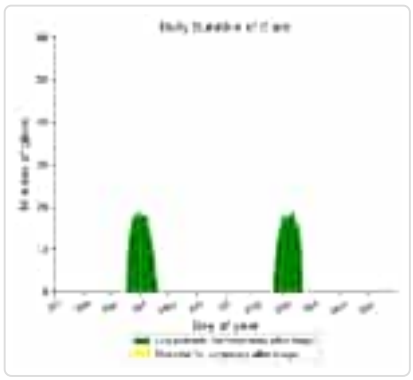


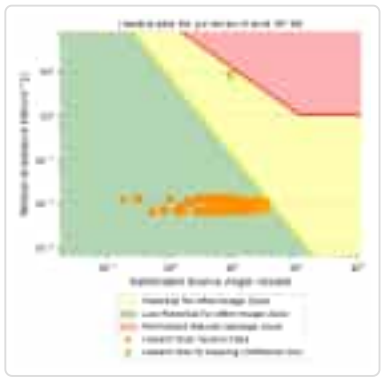
PV array 9: OP 68

PV array is expected to produce the following glare for this receptor:

- 952 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



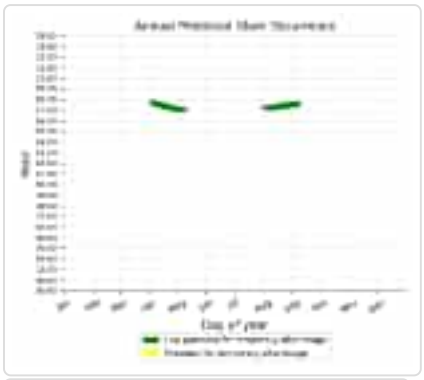


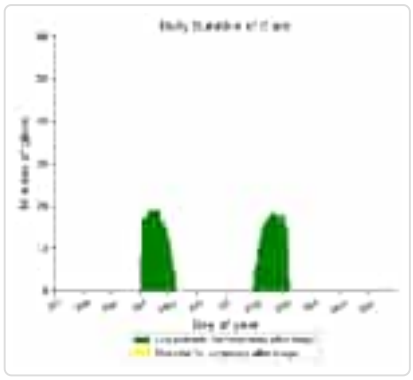


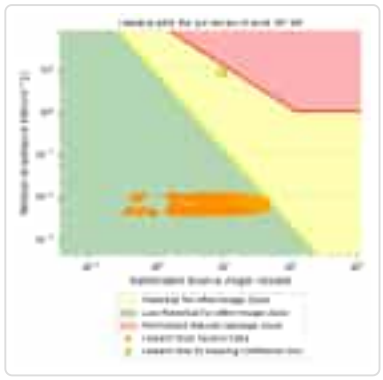
PV array 9: OP 69

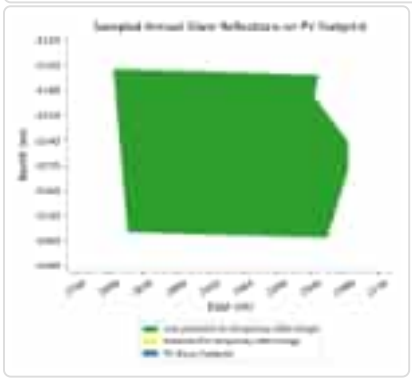
PV array is expected to produce the following glare for this receptor:

- 1,145 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





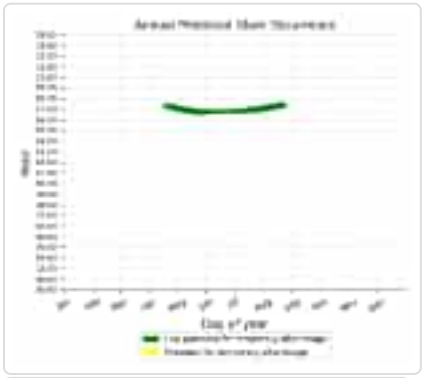


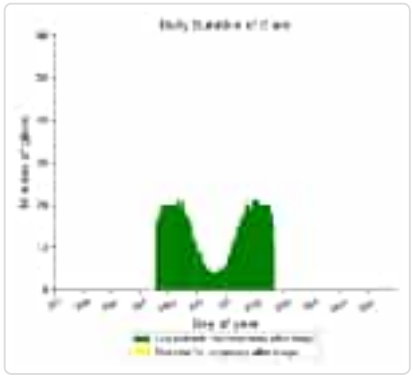


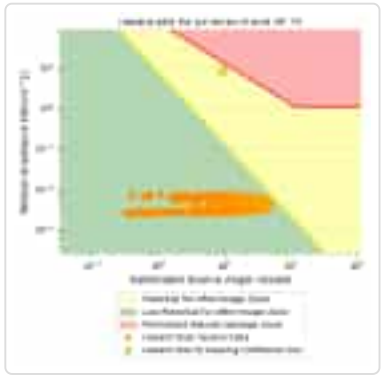
PV array 9: OP 70

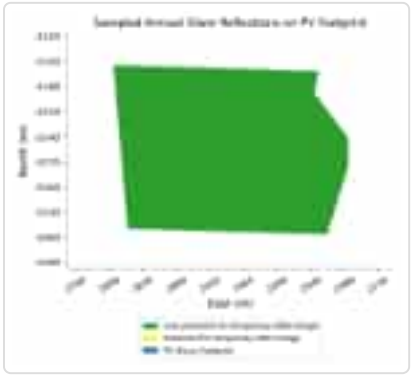
PV array is expected to produce the following glare for this receptor:

- 1,876 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





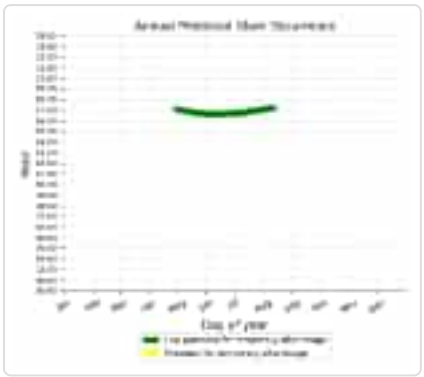


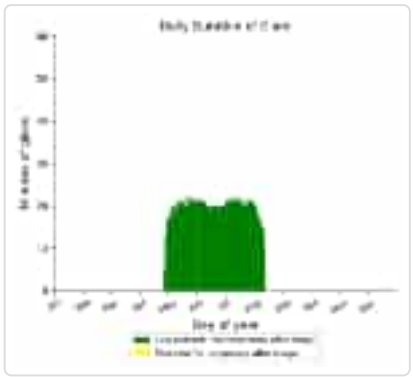


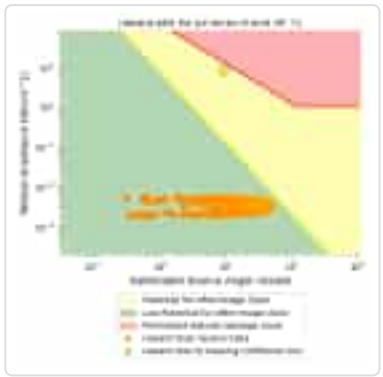
PV array 9: OP 71

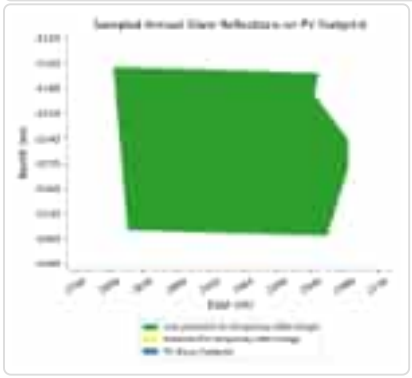
PV array is expected to produce the following glare for this receptor:

- 2,165 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





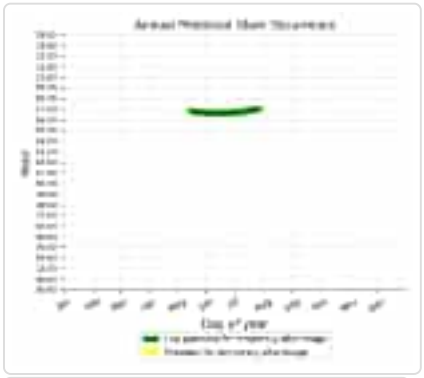


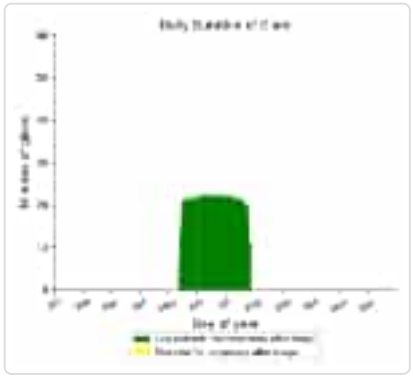


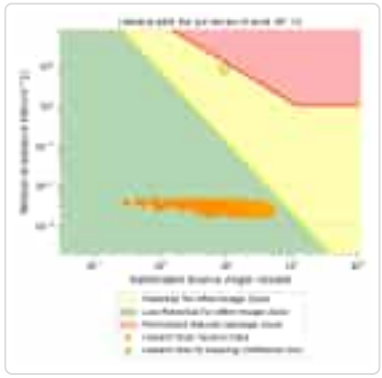
PV array 9: OP 72

PV array is expected to produce the following glare for this receptor:

- 1,619 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



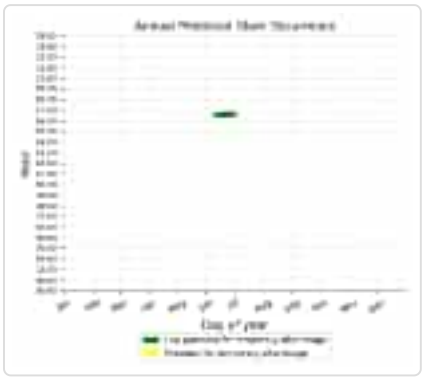


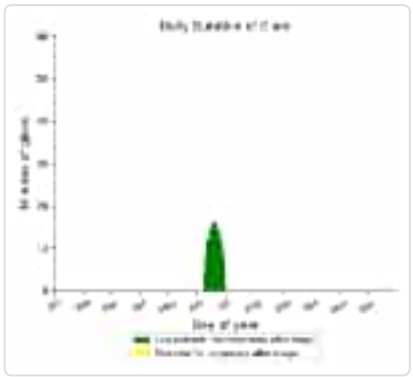


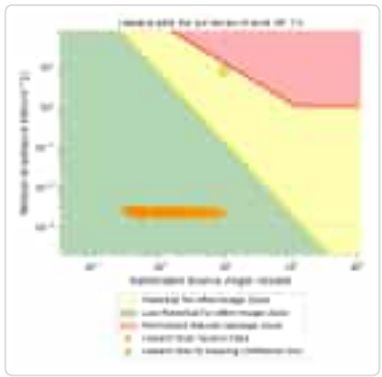
PV array 9: OP 73

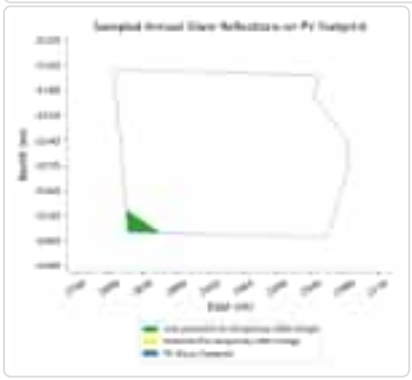
PV array is expected to produce the following glare for this receptor:

- 288 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Fosse Green Solar Farm

Fosse Green SF Road Group C 45 Degrees

Created Jan 12, 2024
Updated Sep 03, 2024
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 109586.18719

Project type Advanced
Project status: active
Category 10 MW to 100 MW

Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
PV array 1	45.0	180.0	0	0	-
PV array 10	45.0	180.0	9,491	0	-
PV array 11	45.0	180.0	42,424	219	-
PV array 12	45.0	180.0	39,112	0	-
PV array 13	45.0	180.0	394,410	29,830	-
PV array 14	45.0	180.0	55,528	8,984	-
PV array 15	45.0	180.0	36,862	5,896	-
PV array 2	45.0	180.0	0	0	-
PV array 3	45.0	180.0	0	0	-
PV array 4	45.0	180.0	0	0	-
PV array 5	45.0	180.0	0	0	-
PV array 6	45.0	180.0	0	0	-
PV array 7	45.0	180.0	2,404	0	-
PV array 8	45.0	180.0	387	0	-
PV array 9	45.0	180.0	11,560	0	-

Component Data

PV Array(s)

Total PV footprint area: 5,162,354 m^2

Name: PV array 1
Footprint area: 534,233 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.173327	-0.683693	15.22	3.50	18.72
2	53.171796	-0.684143	15.03	3.50	18.53
3	53.171552	-0.683478	15.19	3.50	18.69
4	53.171127	-0.682985	15.98	3.50	19.48
5	53.169712	-0.681805	15.00	3.50	18.50
6	53.168092	-0.681418	16.50	3.50	20.00
7	53.167989	-0.682362	16.00	3.50	19.50
8	53.167616	-0.682427	15.86	3.50	19.36
9	53.166844	-0.682749	16.00	3.50	19.50
10	53.166574	-0.682985	16.00	3.50	19.50
11	53.166123	-0.682920	16.00	3.50	19.50
12	53.166394	-0.680345	17.00	3.50	20.50
13	53.166741	-0.680410	16.40	3.50	19.90
14	53.166831	-0.679530	17.48	3.50	20.98
15	53.167320	-0.679659	17.17	3.50	20.67
16	53.167564	-0.677277	20.64	3.50	24.14
17	53.166522	-0.676741	20.78	3.50	24.28
18	53.164593	-0.675024	20.02	3.50	23.52
19	53.163010	-0.673672	18.14	3.50	21.64
20	53.162869	-0.672857	19.04	3.50	22.54
21	53.163088	-0.672084	19.80	3.50	23.30
22	53.163679	-0.671333	23.18	3.50	26.68
23	53.165403	-0.672857	27.63	3.50	31.13
24	53.165648	-0.671870	30.61	3.50	34.11
25	53.166458	-0.671269	32.00	3.50	35.50
26	53.166857	-0.671569	31.99	3.50	35.49
27	53.167847	-0.667406	24.66	3.50	28.16
28	53.169468	-0.666720	25.10	3.50	28.60
29	53.169031	-0.668608	27.89	3.50	31.39
30	53.169198	-0.670067	30.98	3.50	34.48
31	53.169982	-0.673629	26.94	3.50	30.44
32	53.170246	-0.673758	26.58	3.50	30.08
33	53.171294	-0.673125	28.40	3.50	31.90
34	53.171745	-0.672299	30.82	3.50	34.32
35	53.172105	-0.674048	26.50	3.50	30.00
36	53.171674	-0.675957	22.65	3.50	26.15
37	53.171507	-0.677599	22.08	3.50	25.58
38	53.171629	-0.678414	22.99	3.50	26.49
39	53.171918	-0.678833	24.21	3.50	27.71
40	53.171809	-0.679283	22.62	3.50	26.12
41	53.171449	-0.679391	20.48	3.50	23.98
42	53.170838	-0.677985	18.51	3.50	22.01
43	53.170593	-0.678028	17.96	3.50	21.46
44	53.170606	-0.678200	17.83	3.50	21.33
45	53.171372	-0.679906	19.18	3.50	22.68
46	53.171249	-0.681719	17.42	3.50	20.92
47	53.171378	-0.681955	17.27	3.50	20.77
48	53.171333	-0.682395	16.56	3.50	20.06
49	53.171597	-0.682502	16.79	3.50	20.29
50	53.173384	-0.681622	18.75	3.50	22.25

Name: PV array 10
Footprint area: 185,320 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.150798	-0.633966	8.64	3.50	12.14
2	53.150219	-0.635436	8.34	3.50	11.84
3	53.150026	-0.636744	8.28	3.50	11.78
4	53.148983	-0.636744	9.89	3.50	13.39
5	53.148803	-0.636862	10.13	3.50	13.63
6	53.148829	-0.637045	9.76	3.50	13.26
7	53.147420	-0.637957	10.19	3.50	13.69
8	53.146461	-0.637796	10.65	3.50	14.15
9	53.146126	-0.637302	11.44	3.50	14.94
10	53.145875	-0.635146	9.74	3.50	13.24
11	53.145566	-0.635264	9.14	3.50	12.64
12	53.145451	-0.635843	9.42	3.50	12.92
13	53.145142	-0.635951	9.94	3.50	13.44
14	53.144987	-0.634910	11.54	3.50	15.04
15	53.144637	-0.634278	12.00	3.50	15.50
16	53.143968	-0.633344	12.41	3.50	15.91
17	53.144200	-0.633280	11.84	3.50	15.34
18	53.144953	-0.632754	9.97	3.50	13.47
19	53.145828	-0.631949	10.31	3.50	13.81
20	53.146497	-0.631509	11.15	3.50	14.65
21	53.147668	-0.633848	12.51	3.50	16.01
22	53.148395	-0.633344	12.81	3.50	16.31
23	53.148254	-0.632947	13.08	3.50	16.58
24	53.148910	-0.632035	13.05	3.50	16.55
25	53.149148	-0.632604	13.03	3.50	16.53
26	53.149631	-0.631853	12.49	3.50	15.99

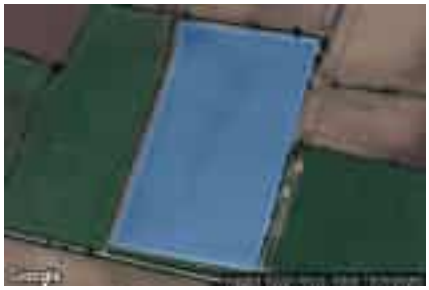
Name: PV array 11
Footprint area: 717,969 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.148506	-0.631749	13.14	3.50	16.64
2	53.147850	-0.632704	12.97	3.50	16.47
3	53.147683	-0.632715	12.37	3.50	15.87
4	53.146640	-0.630945	11.20	3.50	14.70
5	53.146396	-0.630848	12.22	3.50	15.72
6	53.145637	-0.631266	12.28	3.50	15.78
7	53.144343	-0.632565	11.04	3.50	14.54
8	53.142046	-0.627951	13.11	3.50	16.61
9	53.141524	-0.626084	12.34	3.50	15.84
10	53.138596	-0.627329	13.83	3.50	17.33
11	53.138454	-0.627232	13.48	3.50	16.98
12	53.137051	-0.628370	12.96	3.50	16.46
13	53.137154	-0.629056	13.21	3.50	16.71
14	53.135919	-0.628649	14.19	3.50	17.69
15	53.135771	-0.627640	12.78	3.50	16.28
16	53.134593	-0.628456	13.03	3.50	16.53
17	53.134464	-0.624700	12.77	3.50	16.27
18	53.134618	-0.624700	12.76	3.50	16.26
19	53.134631	-0.624990	12.76	3.50	16.26
20	53.135655	-0.624947	12.58	3.50	16.08
21	53.135758	-0.626331	11.86	3.50	15.36
22	53.136112	-0.626567	11.92	3.50	15.42
23	53.136549	-0.625162	10.74	3.50	14.24
24	53.136717	-0.625055	10.13	3.50	13.63
25	53.136652	-0.624636	10.38	3.50	13.88
26	53.137450	-0.624089	10.03	3.50	13.53
27	53.135830	-0.616790	7.11	3.50	10.61
28	53.136200	-0.615960	6.99	3.50	10.49
29	53.137240	-0.614930	7.15	3.50	10.65
30	53.137620	-0.615710	7.24	3.50	10.74
31	53.137860	-0.615550	7.38	3.50	10.88
32	53.137990	-0.614730	7.14	3.50	10.64
33	53.139105	-0.617426	7.93	3.50	11.43
34	53.139800	-0.619754	11.05	3.50	14.55
35	53.141717	-0.618682	9.38	3.50	12.88
36	53.142129	-0.620227	11.21	3.50	14.71
37	53.142007	-0.620323	10.80	3.50	14.30
38	53.142541	-0.622211	11.19	3.50	14.69
39	53.144034	-0.620784	11.76	3.50	15.26
40	53.144607	-0.623563	11.92	3.50	15.42
41	53.145591	-0.624582	12.63	3.50	16.13
42	53.145044	-0.625248	12.90	3.50	16.40
43	53.145077	-0.625666	12.28	3.50	15.78
44	53.146634	-0.628348	11.72	3.50	15.22
45	53.146808	-0.628220	12.16	3.50	15.66
46	53.148268	-0.630762	12.11	3.50	15.61
47	53.148101	-0.631030	11.92	3.50	15.42

Name: PV array 12
Footprint area: 73,115 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.136228	-0.613414	8.07	3.50	11.57
2	53.135854	-0.613478	8.46	3.50	11.96
3	53.133222	-0.614980	9.82	3.50	13.32
4	53.132887	-0.611772	10.64	3.50	14.14
5	53.135977	-0.610335	9.13	3.50	12.63

Name: PV array 13
Footprint area: 716,458 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.135585	-0.658160	11.48	3.50	14.98
2	53.136461	-0.665906	14.75	3.50	18.25
3	53.130642	-0.667945	14.56	3.50	18.06
4	53.130333	-0.666357	13.81	3.50	17.31
5	53.128440	-0.666872	14.86	3.50	18.36
6	53.128582	-0.668717	14.77	3.50	18.27
7	53.128273	-0.668782	14.57	3.50	18.07
8	53.128131	-0.667301	14.49	3.50	17.99
9	53.125730	-0.667666	13.07	3.50	16.57
10	53.125710	-0.667945	12.94	3.50	16.44
11	53.124455	-0.667505	13.19	3.50	16.69
12	53.124558	-0.666711	12.70	3.50	16.20
13	53.123380	-0.665788	11.31	3.50	14.81
14	53.123457	-0.665370	11.00	3.50	14.50
15	53.123122	-0.665220	12.04	3.50	15.54
16	53.123476	-0.663514	13.15	3.50	16.65
17	53.124365	-0.661776	13.29	3.50	16.79
18	53.124571	-0.660832	13.96	3.50	17.46
19	53.125067	-0.660220	13.10	3.50	16.60
20	53.126410	-0.656650	11.66	3.50	15.16
21	53.126650	-0.656260	11.38	3.50	14.88
22	53.126960	-0.656270	11.65	3.50	15.15
23	53.127180	-0.656070	12.25	3.50	15.75
24	53.127600	-0.659050	12.08	3.50	15.58
25	53.128790	-0.658920	13.52	3.50	17.02
26	53.129280	-0.661440	14.94	3.50	18.44
27	53.131090	-0.659840	194.90	3.50	198.40
28	53.131520	-0.659500	14.40	3.50	17.90
29	53.132320	-0.658860	12.70	3.50	16.20
30	53.133270	-0.657930	12.71	3.50	16.21
31	53.133345	-0.658664	11.01	3.50	14.51

Name: PV array 14
Footprint area: 209,668 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132660	-0.653180	10.42	3.50	13.92
2	53.132070	-0.653360	10.23	3.50	13.73
3	53.131511	-0.653075	11.28	3.50	14.78
4	53.130770	-0.652409	10.38	3.50	13.88
5	53.130352	-0.650049	9.94	3.50	13.44
6	53.130095	-0.649556	9.85	3.50	13.35
7	53.130275	-0.649255	10.71	3.50	14.21
8	53.132390	-0.648020	11.38	3.50	14.88
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38

18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38

Name: PV array 15
Footprint area: 78,226 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132772	-0.647378	9.94	3.50	13.44
2	53.130056	-0.648847	10.80	3.50	14.30
3	53.129882	-0.649255	9.89	3.50	13.39
4	53.129303	-0.648847	10.80	3.50	14.30
5	53.128942	-0.648858	10.87	3.50	14.37
6	53.128884	-0.648418	11.51	3.50	15.01
7	53.128311	-0.648386	11.43	3.50	14.93
8	53.128105	-0.646884	11.40	3.50	14.90
9	53.130622	-0.645758	10.83	3.50	14.33
10	53.130700	-0.646122	11.65	3.50	15.15
11	53.131298	-0.645768	10.18	3.50	13.68
12	53.132410	-0.645330	9.00	3.50	12.50

Name: PV array 2
Footprint area: 606,601 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.179699	-0.666763	17.74	3.50	21.24
2	53.179108	-0.670067	20.15	3.50	23.65
3	53.176523	-0.668029	19.69	3.50	23.19
4	53.174220	-0.666891	26.06	3.50	29.56
5	53.174465	-0.660669	17.80	3.50	21.30
6	53.172497	-0.660755	16.16	3.50	19.66
7	53.172510	-0.661355	17.14	3.50	20.64
8	53.172960	-0.661484	17.29	3.50	20.79
9	53.173230	-0.666677	24.28	3.50	27.78
10	53.172175	-0.666226	20.97	3.50	24.47
11	53.171823	-0.664919	19.69	3.50	23.19
12	53.171714	-0.664865	19.72	3.50	23.22
13	53.170968	-0.662526	18.08	3.50	21.58
14	53.170357	-0.661797	17.29	3.50	20.79
15	53.174293	-0.653523	13.69	3.50	17.19
16	53.178283	-0.655459	15.69	3.50	19.19
17	53.179363	-0.655588	13.41	3.50	16.91
18	53.178051	-0.662519	19.70	3.50	23.20
19	53.177884	-0.665737	19.63	3.50	23.13

Name: PV array 3
Footprint area: 680,123 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.162240	-0.675330	17.88	3.50	21.38
2	53.159340	-0.671810	16.96	3.50	20.46
3	53.159790	-0.670480	16.50	3.50	20.00
4	53.160860	-0.668250	17.83	3.50	21.33
5	53.160420	-0.666810	17.26	3.50	20.76
6	53.159450	-0.669110	15.52	3.50	19.02
7	53.159860	-0.669750	15.96	3.50	19.46
8	53.159140	-0.671710	16.90	3.50	20.40
9	53.158240	-0.670650	16.68	3.50	20.18
10	53.158390	-0.670070	16.02	3.50	19.52
11	53.157840	-0.668790	15.77	3.50	19.27
12	53.159770	-0.664130	19.42	3.50	22.92
13	53.159920	-0.664410	18.34	3.50	21.84
14	53.160980	-0.661830	24.57	3.50	28.07
15	53.161160	-0.662010	24.26	3.50	27.76
16	53.161290	-0.661640	25.79	3.50	29.29
17	53.161160	-0.661450	26.00	3.50	29.50
18	53.162190	-0.659350	26.37	3.50	29.87
19	53.162080	-0.658850	26.32	3.50	29.82
20	53.162600	-0.657690	27.46	3.50	30.96
21	53.165690	-0.658340	22.77	3.50	26.27
22	53.165920	-0.658980	21.27	3.50	24.77
23	53.166210	-0.659430	20.99	3.50	24.49
24	53.165960	-0.661020	21.23	3.50	24.73
25	53.167980	-0.662370	18.26	3.50	21.76
26	53.167650	-0.663320	18.23	3.50	21.73
27	53.167500	-0.667240	23.91	3.50	27.41
28	53.164620	-0.668620	26.56	3.50	30.06
29	53.164820	-0.669520	27.49	3.50	30.99
30	53.163160	-0.671190	20.73	3.50	24.23
31	53.162730	-0.672050	18.84	3.50	22.34
32	53.162570	-0.673160	18.39	3.50	21.89
33	53.162750	-0.673700	17.85	3.50	21.35
34	53.162650	-0.674340	17.02	3.50	20.52

Name: PV array 4
Footprint area: 539,789 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.172585	-0.642585	14.81	3.50	18.31
2	53.173512	-0.648335	13.73	3.50	17.23
3	53.168740	-0.657433	17.19	3.50	20.69
4	53.168530	-0.657412	16.94	3.50	20.44
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
6	53.168300	-0.658730	18.04	3.50	21.54
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
8	53.165850	-0.657640	21.97	3.50	25.47
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
11	53.164580	-0.653290	23.23	3.50	26.73
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
14	53.167520	-0.655510	17.58	3.50	21.08
15	53.167980	-0.655110	18.44	3.50	21.94
16	53.169113	-0.651554	16.06	3.50	19.56
17	53.169113	-0.651060	15.41	3.50	18.91
18	53.168032	-0.650867	15.63	3.50	19.13
19	53.167955	-0.651597	16.07	3.50	19.57
20	53.167337	-0.651232	15.83	3.50	19.33
21	53.166077	-0.651103	19.26	3.50	22.76
22	53.166115	-0.650481	18.68	3.50	22.18
23	53.165961	-0.650181	19.78	3.50	23.28
24	53.168251	-0.644537	17.16	3.50	20.66
25	53.168920	-0.644687	16.30	3.50	19.80
26	53.170129	-0.644408	16.57	3.50	20.07
27	53.171132	-0.643754	15.25	3.50	18.75
28	53.171151	-0.643400	15.23	3.50	18.73
29	53.172000	-0.642681	14.97	3.50	18.47

Name: PV array 5
Footprint area: 85,119 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.175987	-0.638261	17.17	3.50	20.67
2	53.175962	-0.637317	17.32	3.50	20.82
3	53.175704	-0.636180	15.99	3.50	19.49
4	53.172039	-0.635257	10.34	3.50	13.84
5	53.170855	-0.638197	11.33	3.50	14.83
6	53.174251	-0.638304	12.30	3.50	15.80

Name: PV array 6
Footprint area: 178,317 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.167678	-0.644140	17.52	3.50	21.02
2	53.165556	-0.649011	19.39	3.50	22.89
3	53.164810	-0.644784	20.41	3.50	23.91
4	53.165350	-0.641716	16.27	3.50	19.77
5	53.163562	-0.640986	20.48	3.50	23.98
6	53.161902	-0.640643	22.38	3.50	25.88
7	53.159226	-0.640385	15.78	3.50	19.28
8	53.159329	-0.638197	13.14	3.50	16.64
9	53.162726	-0.638883	20.72	3.50	24.22
10	53.164115	-0.639205	17.21	3.50	20.71
11	53.165183	-0.639763	14.44	3.50	17.94
12	53.165800	-0.640707	14.81	3.50	18.31
13	53.166366	-0.642209	16.10	3.50	19.60
14	53.166971	-0.643282	16.63	3.50	20.13

Name: PV array 7
Footprint area: 492,432 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.164655	-0.651071	23.57	3.50	27.07
2	53.164218	-0.652101	24.34	3.50	27.84
3	53.163588	-0.652015	24.43	3.50	27.93
4	53.163575	-0.652466	24.10	3.50	27.60
5	53.163883	-0.652809	24.86	3.50	28.36
6	53.162790	-0.655406	26.04	3.50	29.54
7	53.162404	-0.655148	26.50	3.50	30.00
8	53.162082	-0.655835	27.39	3.50	30.89
9	53.162263	-0.656543	27.11	3.50	30.61
10	53.161516	-0.658324	26.25	3.50	29.75
11	53.158776	-0.654054	22.55	3.50	26.05
12	53.156879	-0.652104	18.45	3.50	21.95
13	53.156840	-0.650806	17.85	3.50	21.35
14	53.156634	-0.650474	16.75	3.50	20.25
15	53.155412	-0.650935	12.99	3.50	16.49
16	53.155245	-0.650441	12.47	3.50	15.97
17	53.154428	-0.650484	11.62	3.50	15.12
18	53.152317	-0.650581	10.82	3.50	14.32
19	53.151545	-0.650656	11.68	3.50	15.18
20	53.151481	-0.651761	11.49	3.50	14.99
21	53.151159	-0.651729	12.56	3.50	16.06
22	53.151178	-0.650924	12.32	3.50	15.82
23	53.150863	-0.650624	12.97	3.50	16.47
24	53.149042	-0.650581	13.39	3.50	16.89
25	53.149113	-0.652083	14.82	3.50	18.32
26	53.147459	-0.652115	10.92	3.50	14.42
27	53.147762	-0.654604	14.65	3.50	18.15
28	53.146730	-0.654770	11.29	3.50	14.79
29	53.146710	-0.654450	10.79	3.50	14.29
30	53.146660	-0.653930	9.99	3.50	13.49
31	53.146560	-0.653210	9.32	3.50	12.82
32	53.146500	-0.652650	9.65	3.50	13.15
33	53.146620	-0.652540	9.69	3.50	13.19
34	53.146670	-0.652330	9.64	3.50	13.14
35	53.146500	-0.650990	8.94	3.50	12.44
36	53.146830	-0.651060	9.07	3.50	12.57
37	53.147220	-0.650840	9.43	3.50	12.93
38	53.147530	-0.650195	9.95	3.50	13.45
39	53.148058	-0.647824	10.34	3.50	13.84
40	53.149293	-0.647502	11.75	3.50	15.25
41	53.149364	-0.647008	11.40	3.50	14.90
42	53.149004	-0.645163	9.84	3.50	13.34
43	53.149068	-0.644702	10.07	3.50	13.57
44	53.149589	-0.644659	10.09	3.50	13.59
45	53.150246	-0.645152	10.47	3.50	13.97
46	53.150709	-0.646118	10.77	3.50	14.27
47	53.150861	-0.646854	11.55	3.50	15.05
48	53.152186	-0.646683	10.55	3.50	14.05
49	53.152302	-0.648378	10.85	3.50	14.35
50	53.152559	-0.648356	11.03	3.50	14.53
51	53.152650	-0.647820	11.33	3.50	14.83
52	53.152843	-0.647562	10.51	3.50	14.01
53	53.152984	-0.648185	10.54	3.50	14.04
54	53.153396	-0.648850	10.72	3.50	14.22
55	53.153821	-0.649000	11.70	3.50	15.20
56	53.153821	-0.647176	11.57	3.50	15.07
57	53.157030	-0.647114	18.62	3.50	22.12
58	53.157911	-0.650923	21.21	3.50	24.71
59	53.159526	-0.650773	24.30	3.50	27.80
60	53.159841	-0.651545	25.93	3.50	29.43
61	53.160478	-0.652318	28.32	3.50	31.82
62	53.160542	-0.654142	27.00	3.50	30.50
63	53.161668	-0.654152	28.25	3.50	31.75
64	53.162003	-0.653691	27.32	3.50	30.82

65	53.161359	-0.652489	27.84	3.50	31.34
66	53.161314	-0.650848	28.23	3.50	31.73

Name: PV array 8
Footprint area: 15,661 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.149067	-0.644094	9.24	3.50	12.74
2	53.149505	-0.644029	9.82	3.50	13.32
3	53.149878	-0.644094	9.57	3.50	13.07
4	53.150888	-0.643353	9.27	3.50	12.77
5	53.150521	-0.642002	8.25	3.50	11.75
6	53.149871	-0.642806	8.50	3.50	12.00
7	53.149472	-0.642796	8.80	3.50	12.30
8	53.149215	-0.643192	8.74	3.50	12.24
9	53.149022	-0.644072	9.17	3.50	12.67

Name: PV array 9
Footprint area: 49,324 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.144980	-0.656700	12.95	3.50	16.45
2	53.143230	-0.656440	10.07	3.50	13.57
3	53.143170	-0.652900	8.94	3.50	12.44
4	53.143890	-0.652530	9.13	3.50	12.63
5	53.144200	-0.652530	9.20	3.50	12.70
6	53.144680	-0.653130	9.45	3.50	12.95
7	53.144910	-0.653050	9.89	3.50	13.39

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	53.132517	-0.634624	14.36	1.50	15.86
OP 2	53.131320	-0.635804	14.29	1.50	15.79
OP 3	53.129711	-0.637028	14.30	1.50	15.80
OP 4	53.128372	-0.638637	13.02	1.50	14.52
OP 5	53.127251	-0.640997	13.62	1.50	15.12
OP 6	53.125552	-0.641641	14.59	1.50	16.09
OP 7	53.123929	-0.642885	16.49	1.50	17.99
OP 8	53.122320	-0.644302	15.19	1.50	16.69
OP 9	53.120607	-0.643980	15.05	1.50	16.55
OP 10	53.131127	-0.632757	14.63	1.50	16.13
OP 11	53.131294	-0.629839	13.93	1.50	15.43
OP 12	53.129917	-0.628981	13.86	1.50	15.36
OP 13	53.129582	-0.625870	12.59	1.50	14.09
OP 14	53.129402	-0.622758	10.55	1.50	12.05
OP 15	53.129363	-0.620140	9.89	1.50	11.39
OP 16	53.129234	-0.617244	10.00	1.50	11.50
OP 17	53.129312	-0.614476	10.57	1.50	12.07
OP 18	53.128861	-0.611665	10.72	1.50	12.22
OP 19	53.128153	-0.609369	9.56	1.50	11.06
OP 20	53.127573	-0.606686	7.53	1.50	9.03
OP 21	53.126762	-0.604605	6.88	1.50	8.38
OP 22	53.125951	-0.602288	7.20	1.50	8.70
OP 23	53.132762	-0.647671	10.34	1.50	11.84
OP 24	53.131114	-0.648636	11.59	1.50	13.09
OP 25	53.129363	-0.649752	10.38	1.50	11.88
OP 26	53.127728	-0.649945	11.69	1.50	13.19
OP 27	53.126479	-0.651533	10.67	1.50	12.17
OP 28	53.126299	-0.654172	10.40	1.50	11.90
OP 29	53.126286	-0.656618	11.90	1.50	13.40
OP 30	53.125294	-0.659236	13.01	1.50	14.51
OP 31	53.124342	-0.661253	13.70	1.50	15.20
OP 32	53.123234	-0.664086	12.65	1.50	14.15
OP 33	53.122745	-0.666832	12.30	1.50	13.80
OP 34	53.121509	-0.668678	13.54	1.50	15.04
OP 35	53.123337	-0.682411	18.91	1.50	20.41
OP 36	53.122603	-0.679728	17.93	1.50	19.43
OP 37	53.122114	-0.676917	17.00	1.50	18.50
OP 38	53.121805	-0.674042	18.54	1.50	20.04
OP 39	53.121367	-0.671274	17.00	1.50	18.50
OP 40	53.123955	-0.640568	15.04	1.50	16.54
OP 41	53.123041	-0.638079	14.73	1.50	16.23
OP 42	53.121959	-0.636169	14.97	1.50	16.47
OP 43	53.117517	-0.655224	15.83	1.50	17.33
OP 44	53.118894	-0.653250	15.04	1.50	16.54
OP 45	53.120169	-0.651576	13.84	1.50	15.34
OP 46	53.121251	-0.649859	15.50	1.50	17.00
OP 47	53.122526	-0.647842	15.80	1.50	17.30
OP 48	53.123865	-0.646383	13.88	1.50	15.38
OP 49	53.125320	-0.644409	13.50	1.50	15.00
OP 50	53.127097	-0.643551	13.49	1.50	14.99
OP 51	53.127020	-0.637993	15.64	1.50	17.14
OP 52	53.127007	-0.635075	14.94	1.50	16.44
OP 53	53.126312	-0.632929	15.40	1.50	16.90
OP 54	53.126067	-0.629947	14.71	1.50	16.21
OP 55	53.126041	-0.627157	14.40	1.50	15.90
OP 56	53.136186	-0.681423	20.72	1.50	22.22
OP 57	53.134410	-0.680501	24.64	1.50	26.14
OP 58	53.132569	-0.679707	21.02	1.50	22.52
OP 59	53.131100	-0.678441	18.72	1.50	20.22
OP 60	53.129362	-0.677561	20.17	1.50	21.67
OP 61	53.127701	-0.677175	19.86	1.50	21.36
OP 62	53.126169	-0.676467	18.11	1.50	19.61
OP 63	53.124830	-0.675051	17.93	1.50	19.43

OP 64	53.123143	-0.675608	17.00	1.50	18.50

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
PV array 1	45.0	180.0	0	0	-	-
PV array 10	45.0	180.0	9,491	0	-	-
PV array 11	45.0	180.0	42,424	219	-	-
PV array 12	45.0	180.0	39,112	0	-	-
PV array 13	45.0	180.0	394,410	29,830	-	-
PV array 14	45.0	180.0	55,528	8,984	-	-
PV array 15	45.0	180.0	36,862	5,896	-	-
PV array 2	45.0	180.0	0	0	-	-
PV array 3	45.0	180.0	0	0	-	-
PV array 4	45.0	180.0	0	0	-	-
PV array 5	45.0	180.0	0	0	-	-
PV array 6	45.0	180.0	0	0	-	-
PV array 7	45.0	180.0	2,404	0	-	-
PV array 8	45.0	180.0	387	0	-	-
PV array 9	45.0	180.0	11,560	0	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
pv-array-10 (green)	0	0	0	341	621	628	643	515	0	0	0	0
pv-array-10 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-11 (green)	0	0	56	544	875	1317	1083	597	189	0	0	0
pv-array-11 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-12 (green)	0	0	236	559	682	961	797	582	392	0	0	0
pv-array-12 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-13 (green)	0	825	5318	11349	18477	17167	18292	14640	6680	1882	0	0
pv-array-13 (yellow)	0	0	74	560	109	0	15	490	222	0	0	0
pv-array-14 (green)	0	0	290	691	1326	1447	1462	862	480	0	0	0
pv-array-14 (yellow)	0	0	15	826	1343	1558	1476	1041	151	0	0	0
pv-array-15 (green)	0	0	533	1660	1770	2078	1976	1633	997	0	0	0
pv-array-15 (yellow)	0	0	12	318	169	45	115	284	137	0	0	0
pv-array-7 (green)	0	0	0	0	190	909	389	0	0	0	0	0
pv-array-7 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-8 (green)	0	0	0	0	29	260	98	0	0	0	0	0
pv-array-8 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-9 (green)	0	0	0	0	674	1208	1034	9	0	0	0	0
pv-array-9 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

PV array 1 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

No glare found

PV array 10 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0

OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	1911	0
OP: OP 57	2201	0
OP: OP 58	1982	0
OP: OP 59	1460	0
OP: OP 60	1292	0
OP: OP 61	645	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

PV array 10: OP 1

No glare found

PV array 10: OP 2

No glare found

PV array 10: OP 3

No glare found

PV array 10: OP 4

No glare found

PV array 10: OP 5

No glare found

PV array 10: OP 6

No glare found

PV array 10: OP 7

No glare found

PV array 10: OP 8

No glare found

PV array 10: OP 9

No glare found

PV array 10: OP 10

No glare found

PV array 10: OP 11

No glare found

PV array 10: OP 12

No glare found

PV array 10: OP 13

No glare found

PV array 10: OP 14

No glare found

PV array 10: OP 15

No glare found

PV array 10: OP 16

No glare found

PV array 10: OP 17

No glare found

PV array 10: OP 18

No glare found

PV array 10: OP 19

No glare found

PV array 10: OP 20

No glare found

PV array 10: OP 21

No glare found

PV array 10: OP 22

No glare found

PV array 10: OP 23

No glare found

PV array 10: OP 24

No glare found

PV array 10: OP 25

No glare found

PV array 10: OP 26

No glare found

PV array 10: OP 27

No glare found

PV array 10: OP 28

No glare found

PV array 10: OP 29

No glare found

PV array 10: OP 30

No glare found

PV array 10: OP 31

No glare found

PV array 10: OP 32

No glare found

PV array 10: OP 33

No glare found

PV array 10: OP 34

No glare found

PV array 10: OP 35

No glare found

PV array 10: OP 36

No glare found

PV array 10: OP 37

No glare found

PV array 10: OP 38

No glare found

PV array 10: OP 39

No glare found

PV array 10: OP 40

No glare found

PV array 10: OP 41

No glare found

PV array 10: OP 42

No glare found

PV array 10: OP 43

No glare found

PV array 10: OP 44

No glare found

PV array 10: OP 45

No glare found

PV array 10: OP 46

No glare found

PV array 10: OP 47

No glare found

PV array 10: OP 48

No glare found

PV array 10: OP 49

No glare found

PV array 10: OP 50

No glare found

PV array 10: OP 51

No glare found

PV array 10: OP 52

No glare found

PV array 10: OP 53

No glare found

PV array 10: OP 54

No glare found

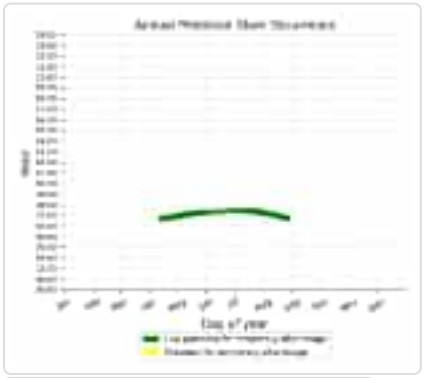
PV array 10: OP 55

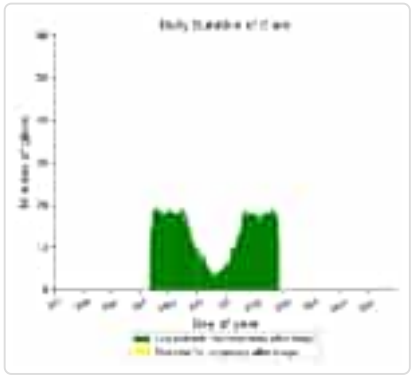
No glare found

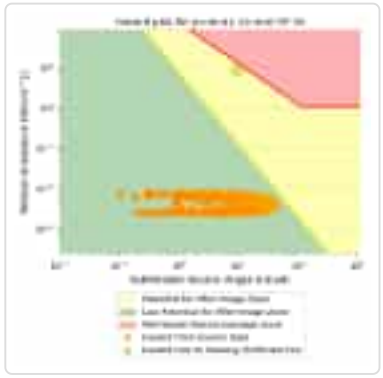
PV array 10: OP 56

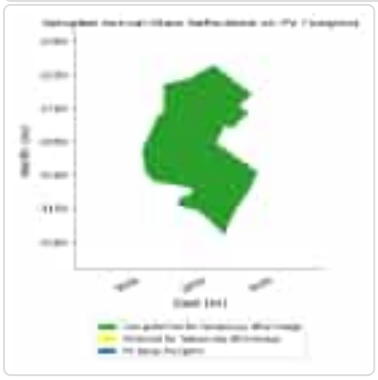
PV array is expected to produce the following glare for this receptor:

- 1,911 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





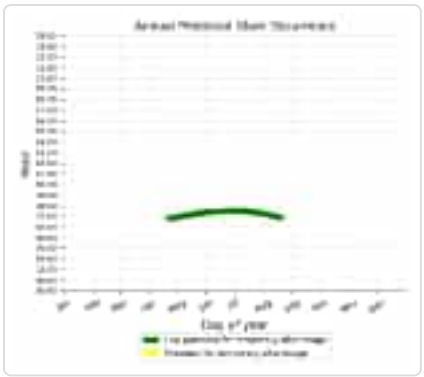


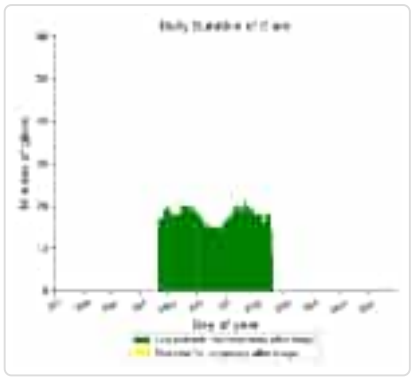


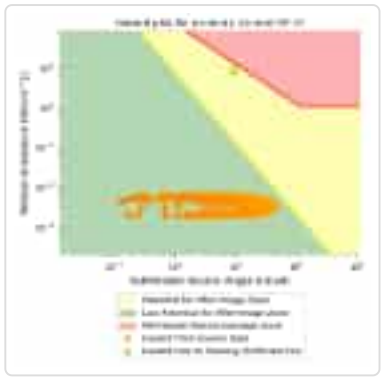
PV array 10: OP 57

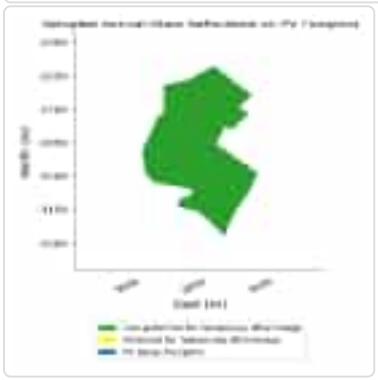
PV array is expected to produce the following glare for this receptor:

- 2,201 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





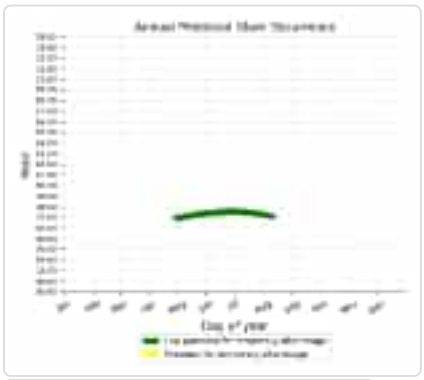


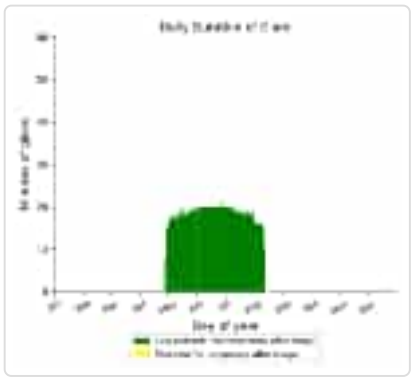


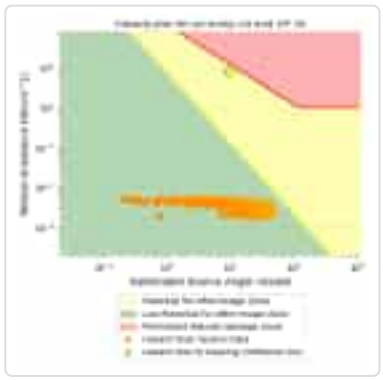
PV array 10: OP 58

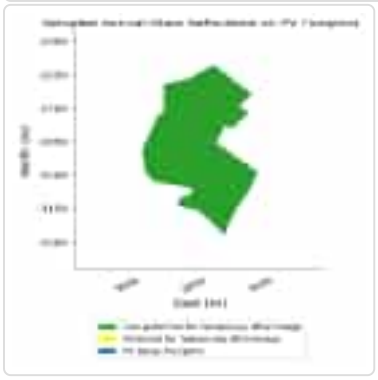
PV array is expected to produce the following glare for this receptor:

- 1,982 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





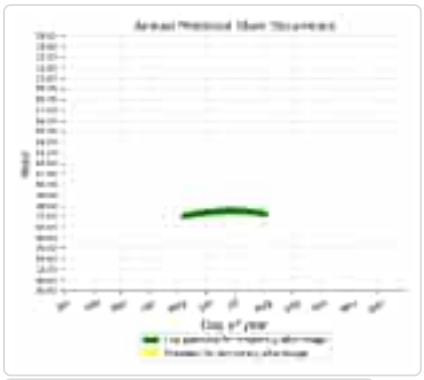


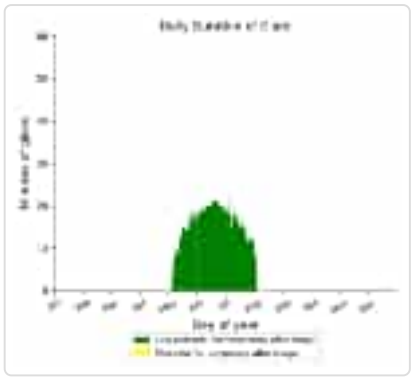


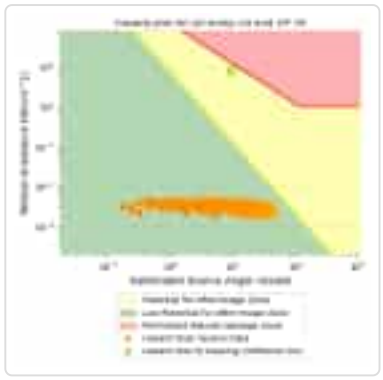
PV array 10: OP 59

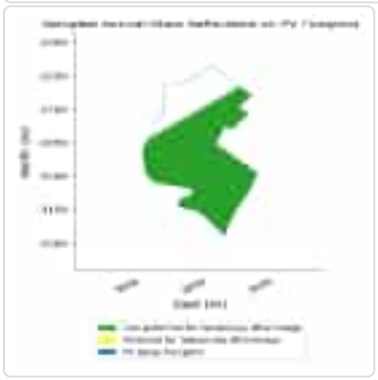
PV array is expected to produce the following glare for this receptor:

- 1,460 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





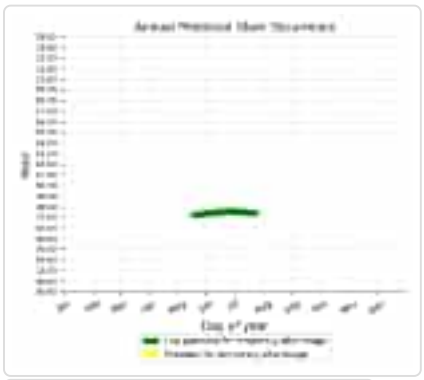
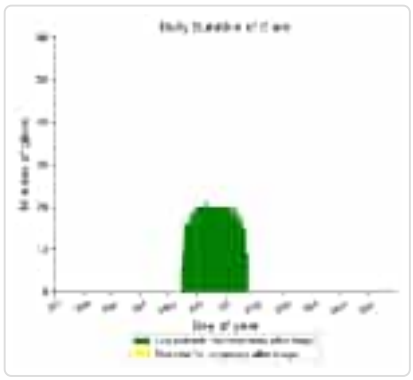
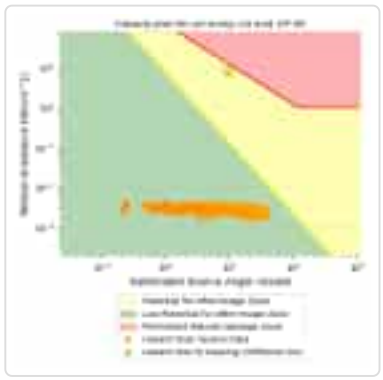
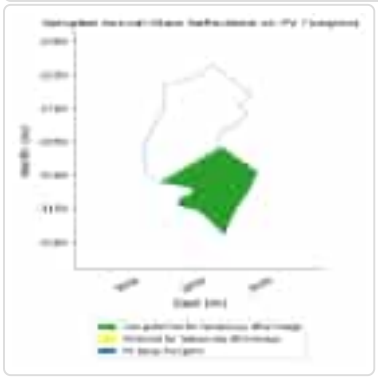




PV array 10: OP 60

PV array is expected to produce the following glare for this receptor:

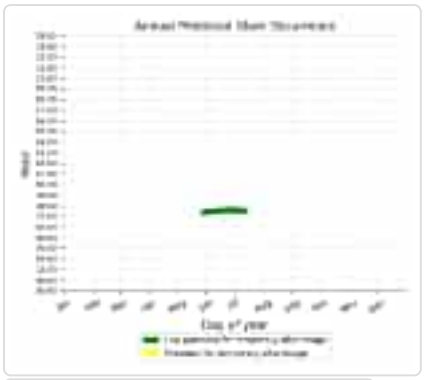
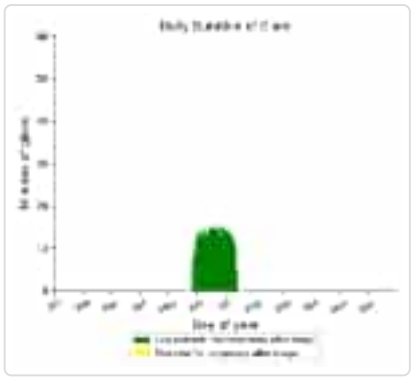
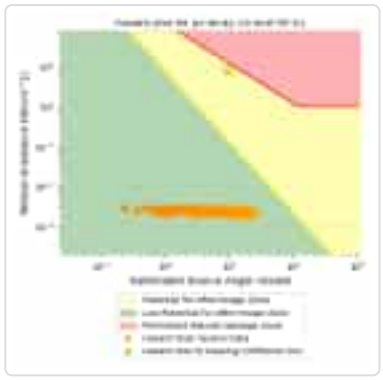
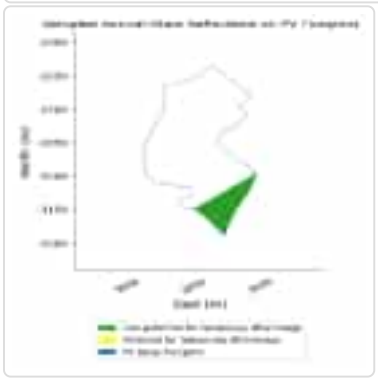
- 1,292 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 10: OP 61

PV array is expected to produce the following glare for this receptor:

- 645 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 10: OP 62

No glare found

PV array 10: OP 63

No glare found

PV array 10: OP 64

No glare found

PV array 11 potential temporary after-image

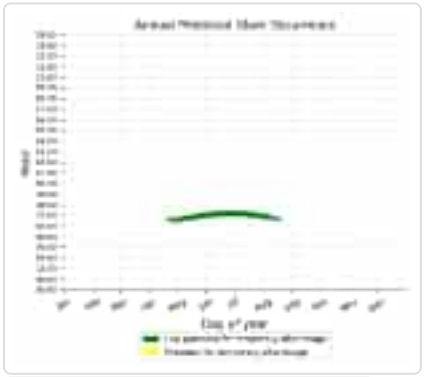
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	601	0
OP: OP 2	551	0
OP: OP 3	0	0
OP: OP 4	238	0
OP: OP 5	130	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	215	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	346	0
OP: OP 18	733	0
OP: OP 19	574	0
OP: OP 20	555	0
OP: OP 21	417	0
OP: OP 22	679	0
OP: OP 23	2753	219
OP: OP 24	2258	0
OP: OP 25	1942	0
OP: OP 26	1332	0
OP: OP 27	1415	0
OP: OP 28	1264	0
OP: OP 29	1359	0
OP: OP 30	1393	0
OP: OP 31	1184	0
OP: OP 32	1124	0
OP: OP 33	1328	0
OP: OP 34	1031	0
OP: OP 35	1407	0
OP: OP 36	1354	0
OP: OP 37	1301	0
OP: OP 38	881	0
OP: OP 39	980	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

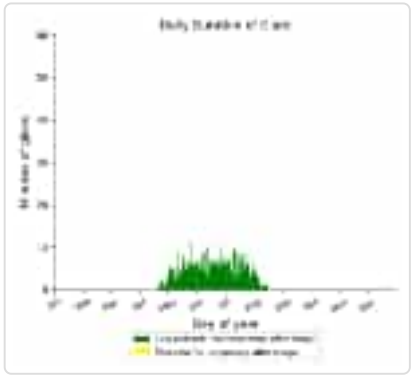
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	43	0
OP: OP 50	368	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	1531	0
OP: OP 57	30	0
OP: OP 58	1842	0
OP: OP 59	2154	0
OP: OP 60	1675	0
OP: OP 61	1218	0
OP: OP 62	1832	0
OP: OP 63	1112	0
OP: OP 64	1274	0

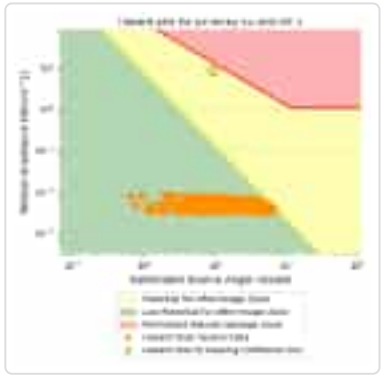
PV array 11: OP 1

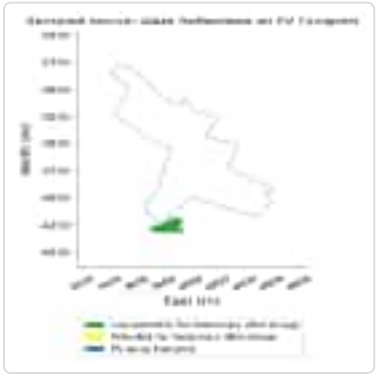
PV array is expected to produce the following glare for this receptor:

- 601 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





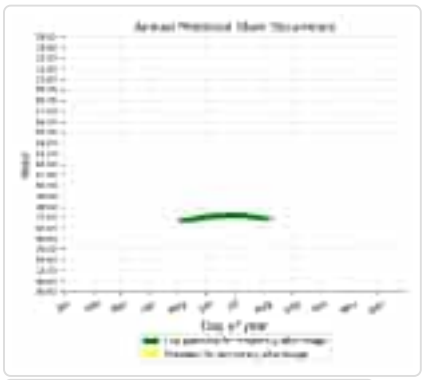


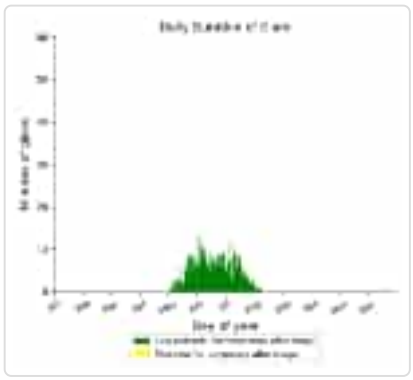


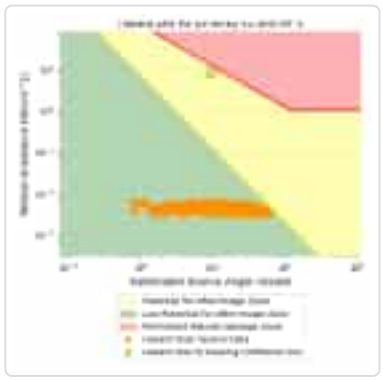
PV array 11: OP 2

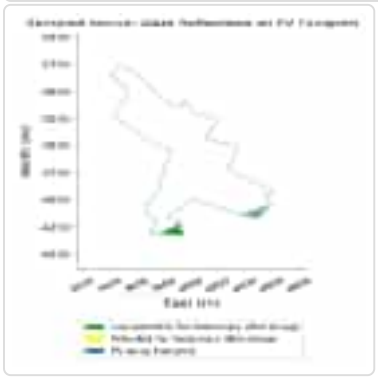
PV array is expected to produce the following glare for this receptor:

- 551 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









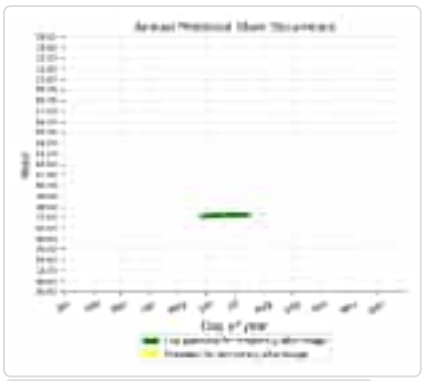
PV array 11: OP 3

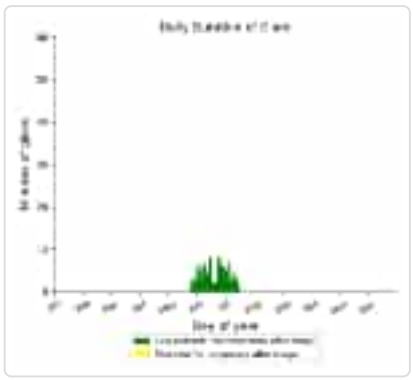
No glare found

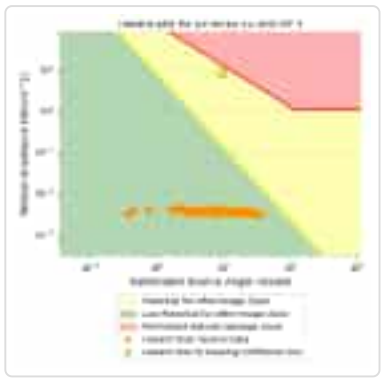
PV array 11: OP 4

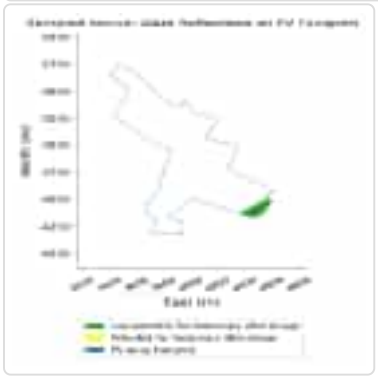
PV array is expected to produce the following glare for this receptor:

- 238 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





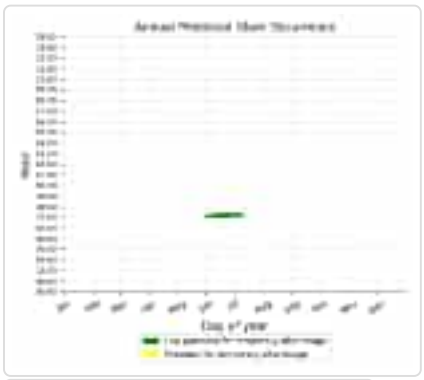


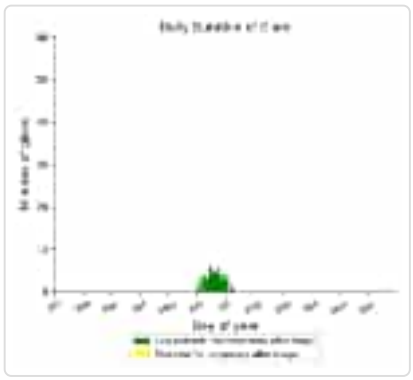


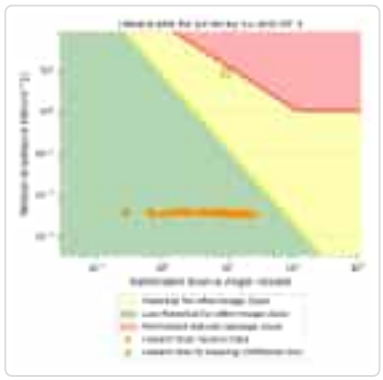
PV array 11: OP 5

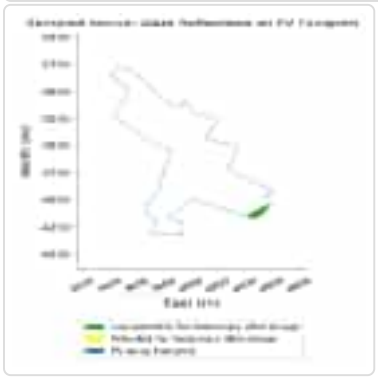
PV array is expected to produce the following glare for this receptor:

- 130 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 6

No glare found

PV array 11: OP 7

No glare found

PV array 11: OP 8

No glare found

PV array 11: OP 9

No glare found

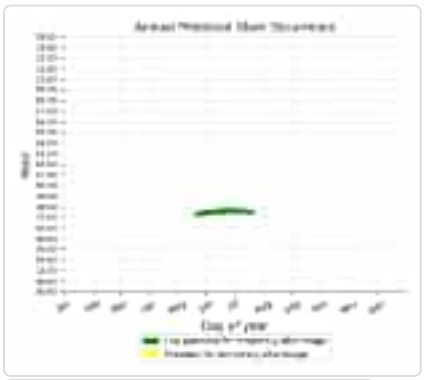
PV array 11: OP 10

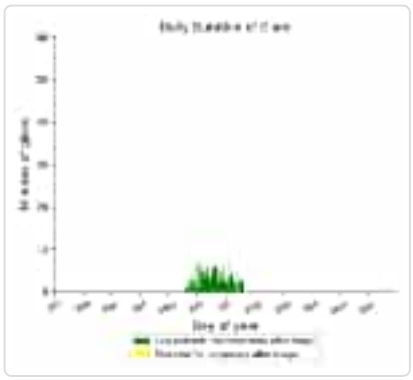
No glare found

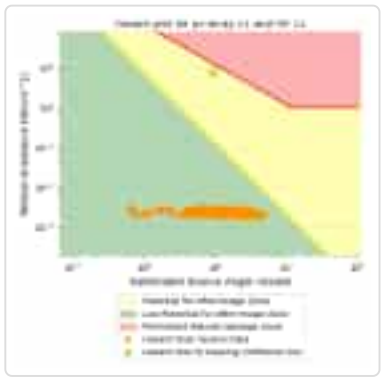
PV array 11: OP 11

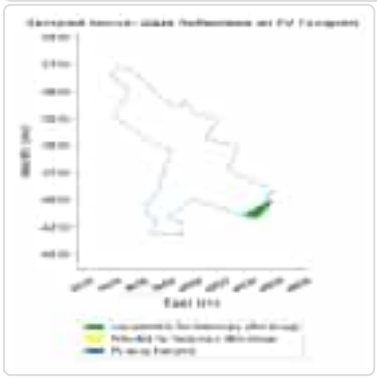
PV array is expected to produce the following glare for this receptor:

- 215 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 12

No glare found

PV array 11: OP 13

No glare found

PV array 11: OP 14

No glare found

PV array 11: OP 15

No glare found

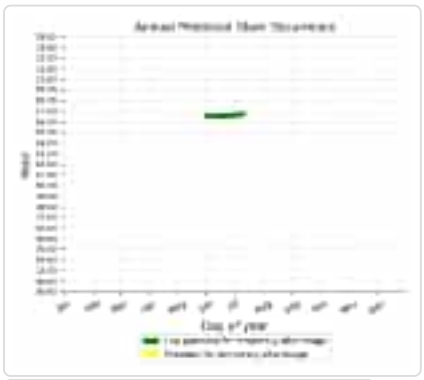
PV array 11: OP 16

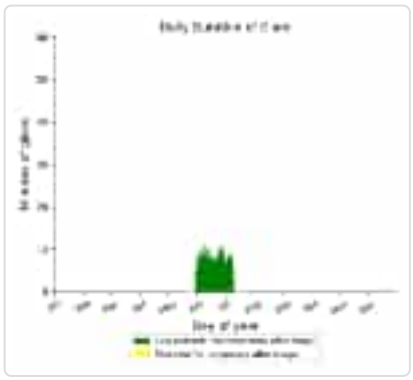
No glare found

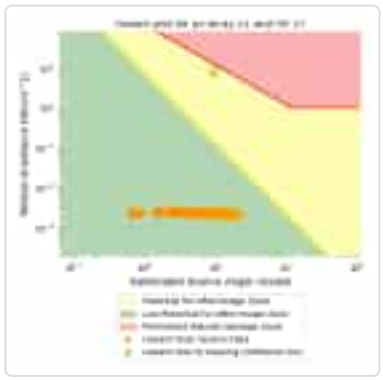
PV array 11: OP 17

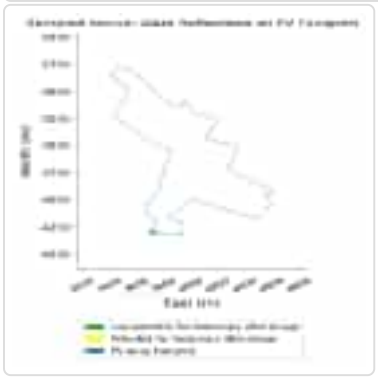
PV array is expected to produce the following glare for this receptor:

- 346 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





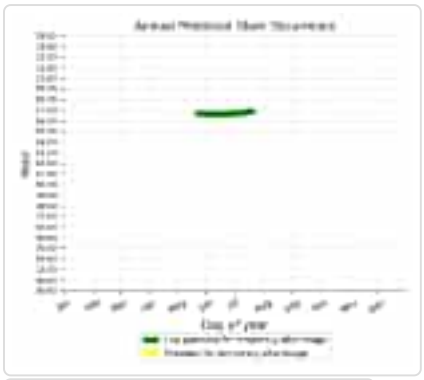


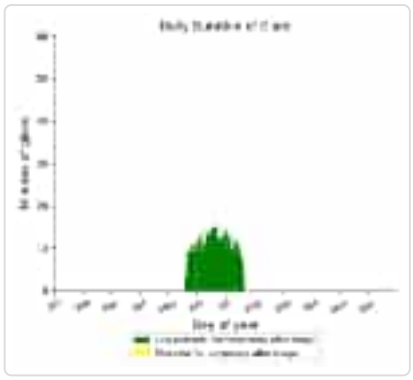


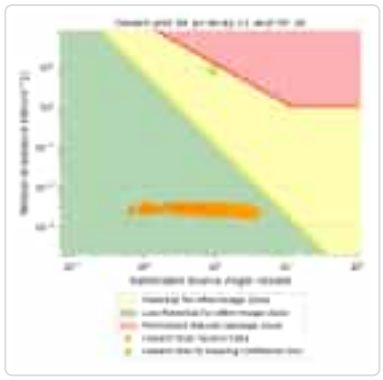
PV array 11: OP 18

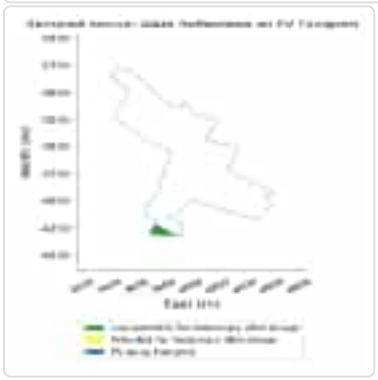
PV array is expected to produce the following glare for this receptor:

- 733 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





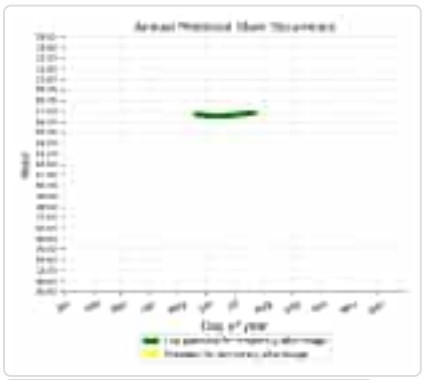


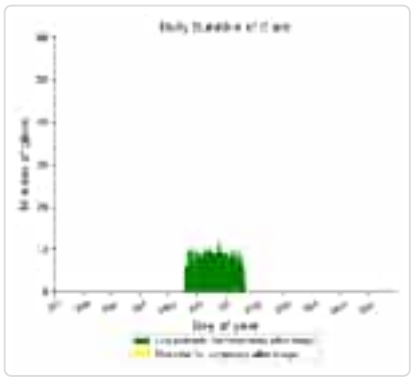


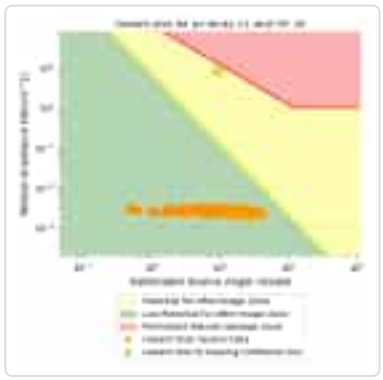
PV array 11: OP 19

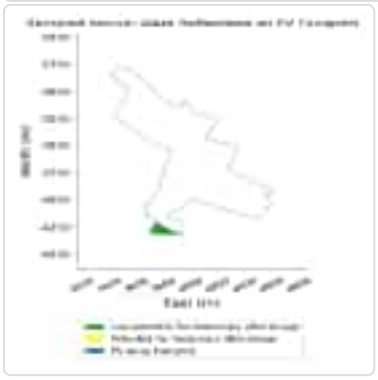
PV array is expected to produce the following glare for this receptor:

- 574 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





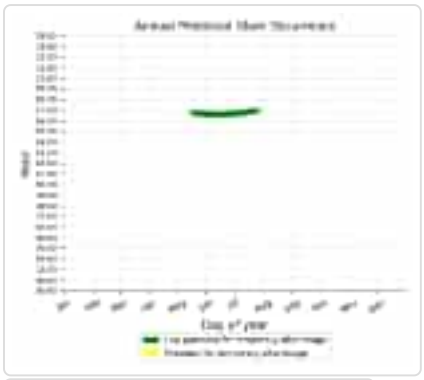


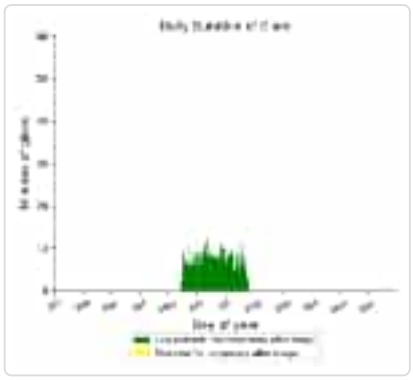


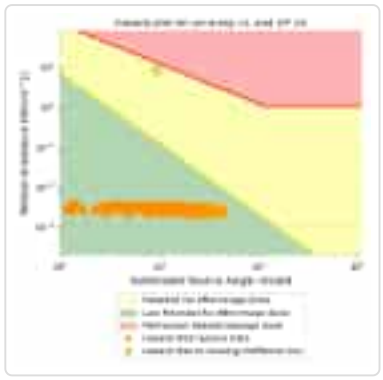
PV array 11: OP 20

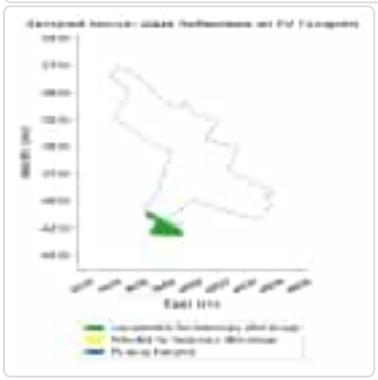
PV array is expected to produce the following glare for this receptor:

- 555 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





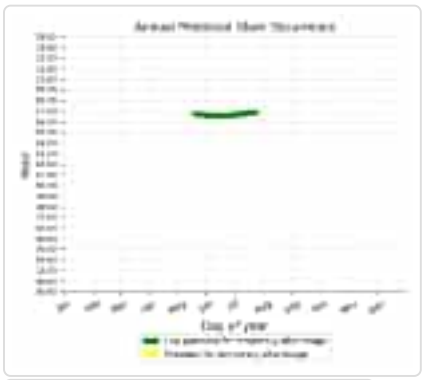


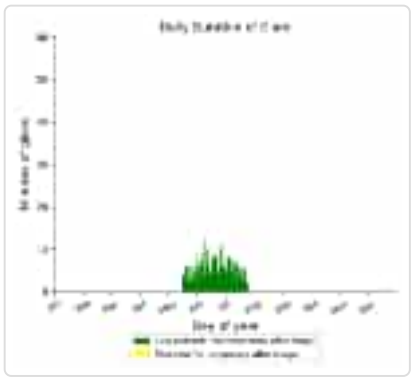


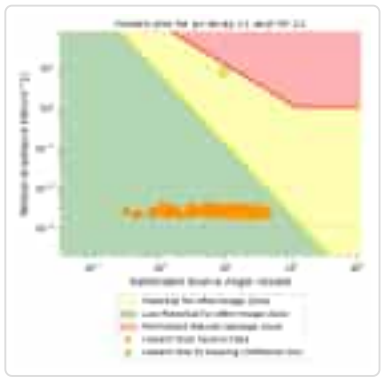
PV array 11: OP 21

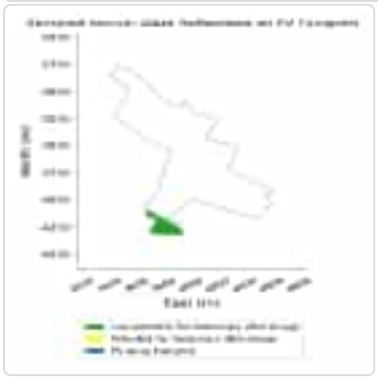
PV array is expected to produce the following glare for this receptor:

- 417 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





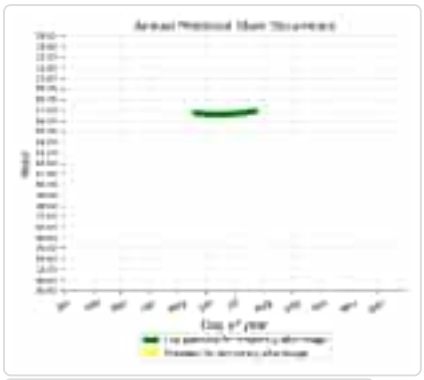


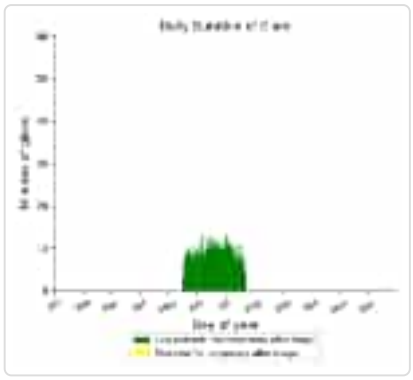


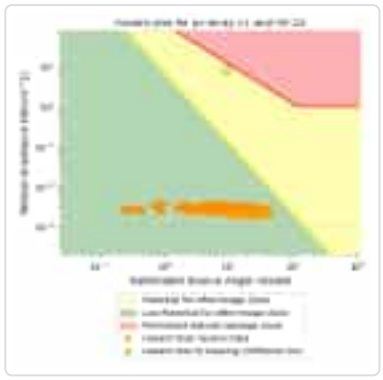
PV array 11: OP 22

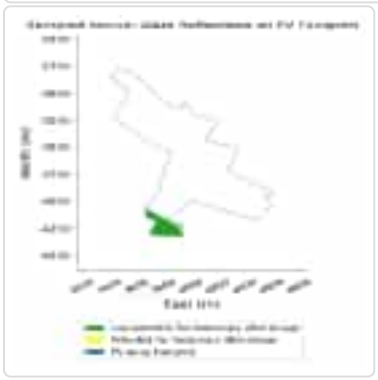
PV array is expected to produce the following glare for this receptor:

- 679 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





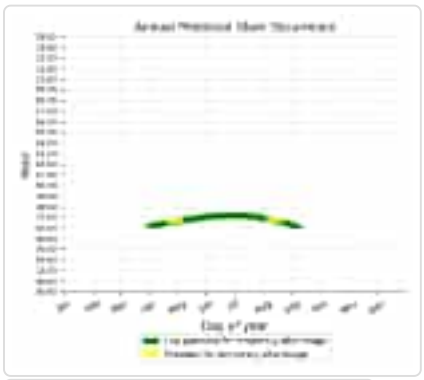


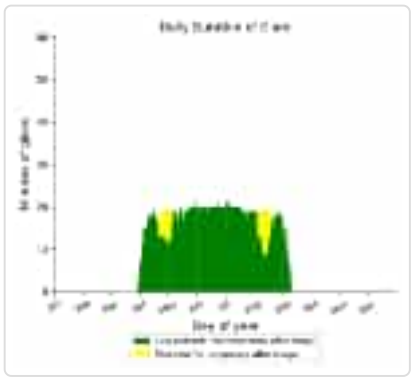


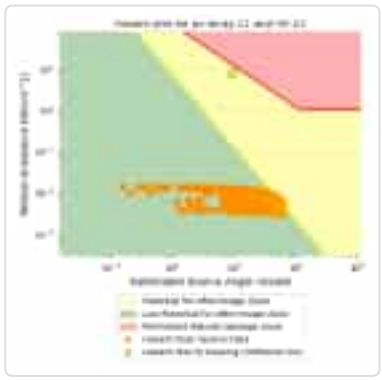
PV array 11: OP 23

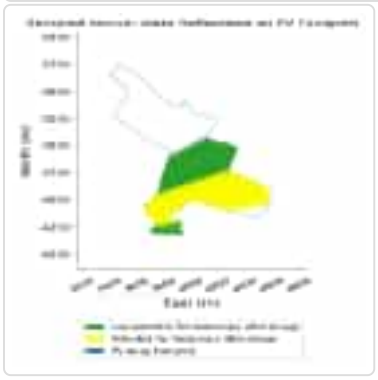
PV array is expected to produce the following glare for this receptor:

- 2,753 minutes of "green" glare with low potential to cause temporary after-image.
- 219 minutes of "yellow" glare with potential to cause temporary after-image.





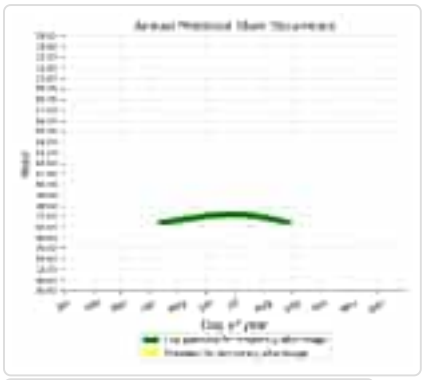


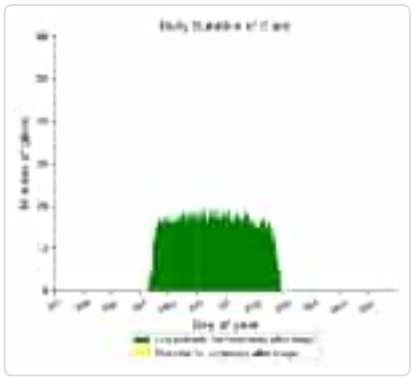


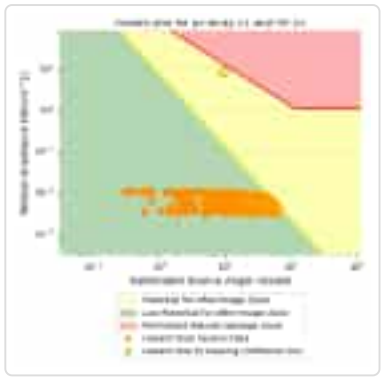
PV array 11: OP 24

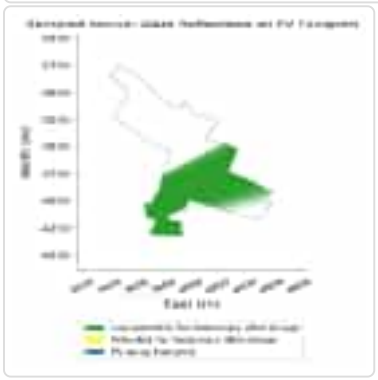
PV array is expected to produce the following glare for this receptor:

- 2,258 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





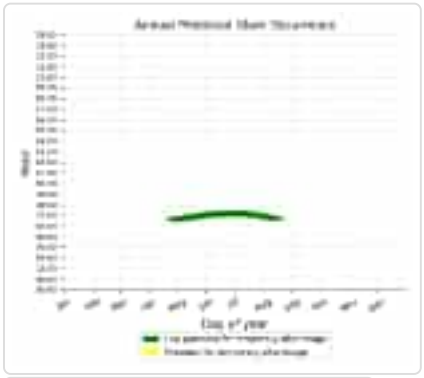


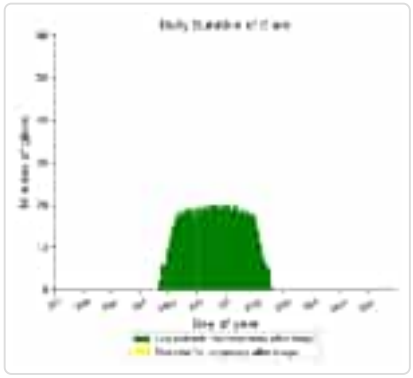


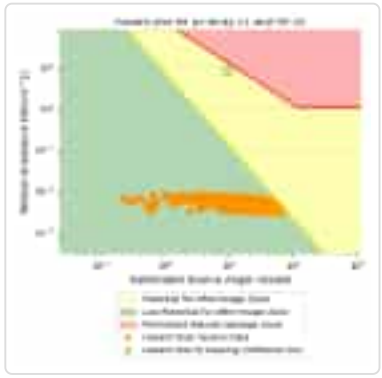
PV array 11: OP 25

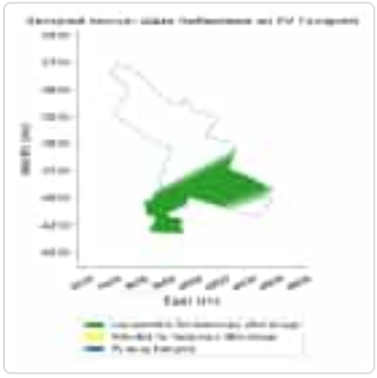
PV array is expected to produce the following glare for this receptor:

- 1,942 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





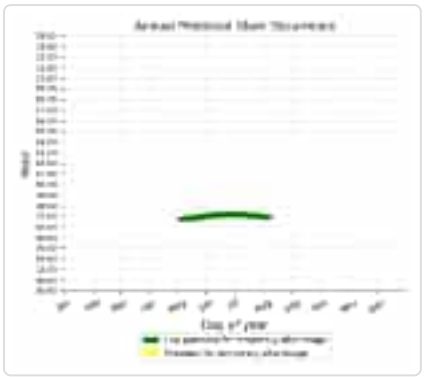


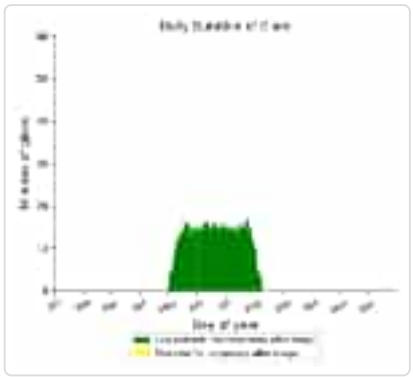


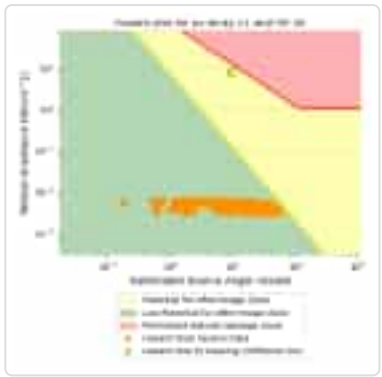
PV array 11: OP 26

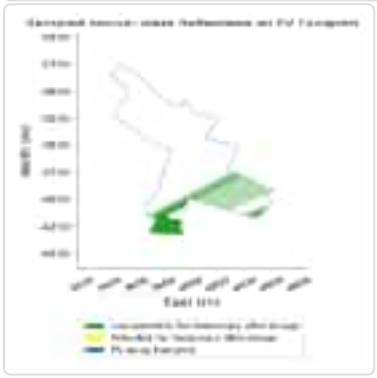
PV array is expected to produce the following glare for this receptor:

- 1,332 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





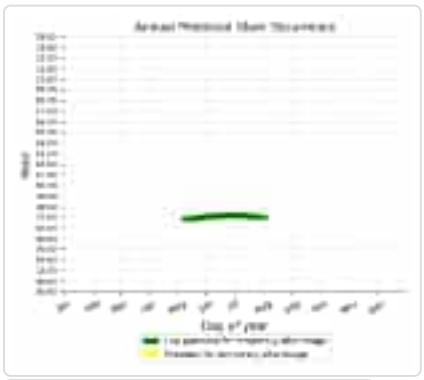


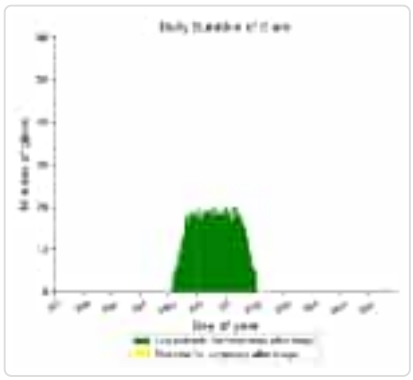


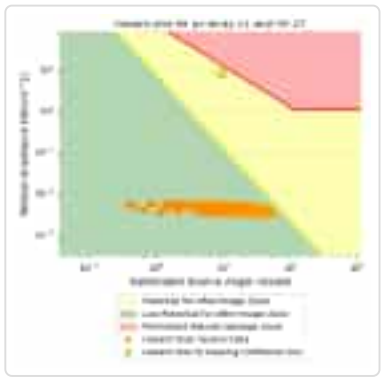
PV array 11: OP 27

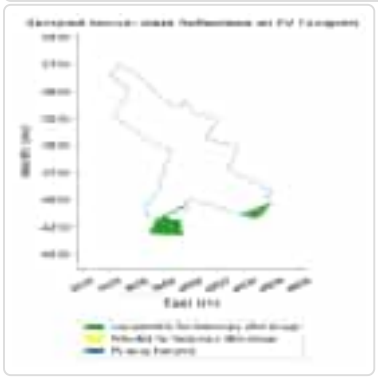
PV array is expected to produce the following glare for this receptor:

- 1,415 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





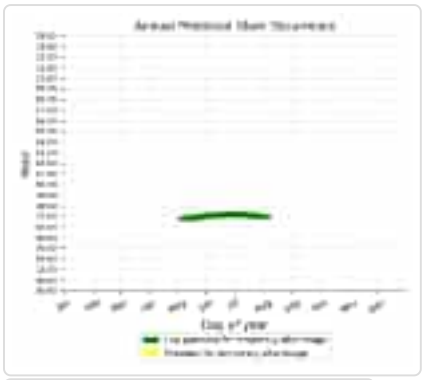


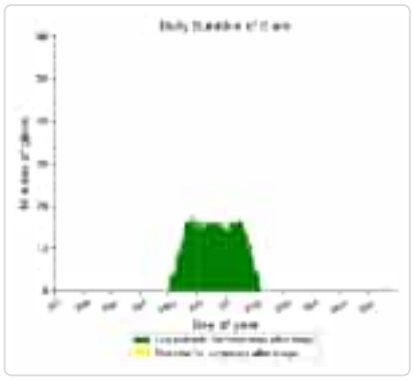


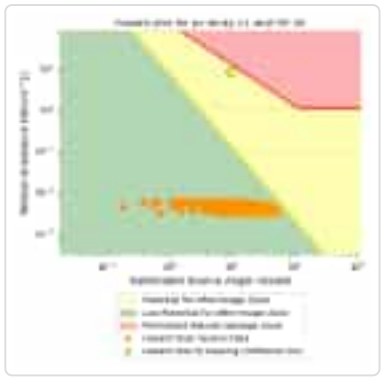
PV array 11: OP 28

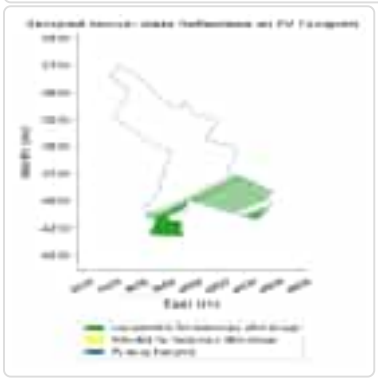
PV array is expected to produce the following glare for this receptor:

- 1,264 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





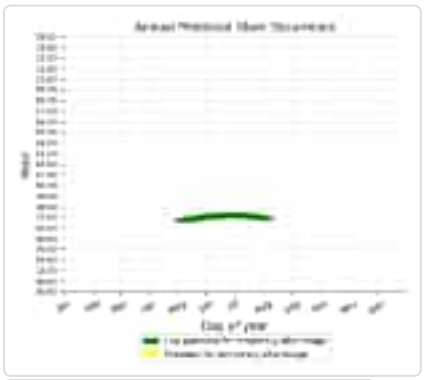


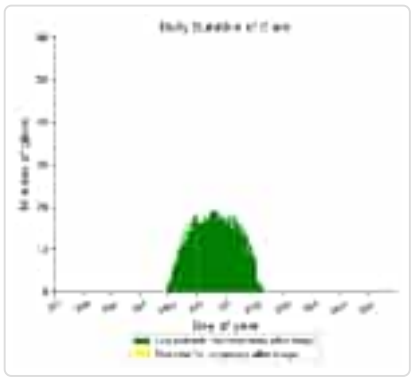


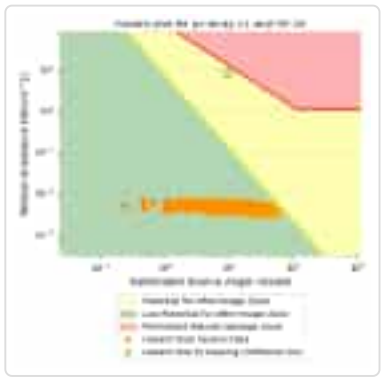
PV array 11: OP 29

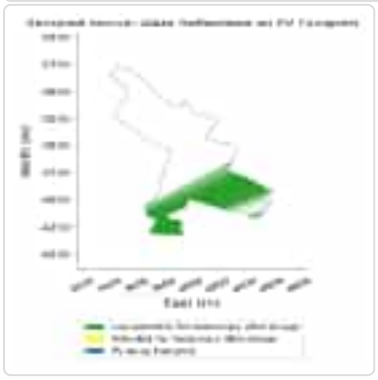
PV array is expected to produce the following glare for this receptor:

- 1,359 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





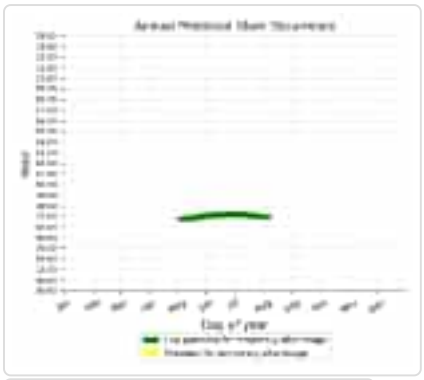


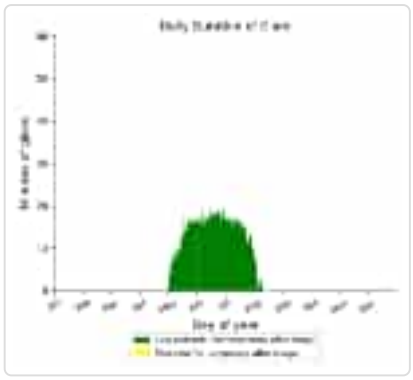


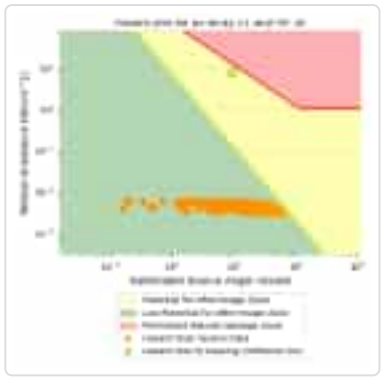
PV array 11: OP 30

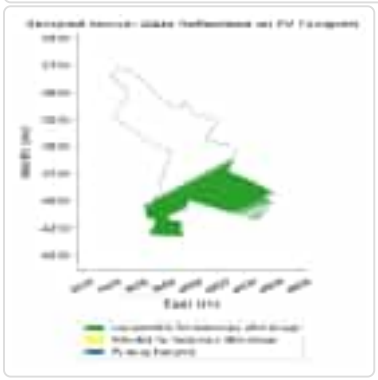
PV array is expected to produce the following glare for this receptor:

- 1,393 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





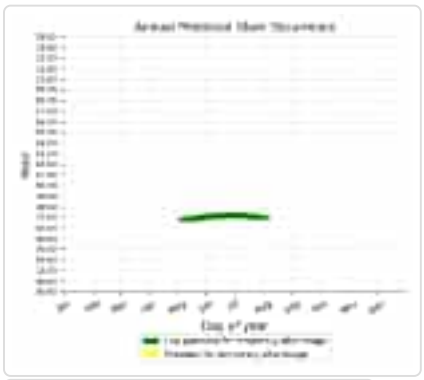


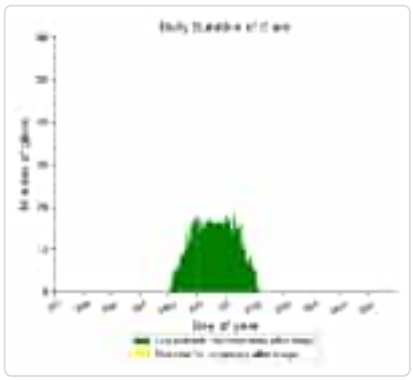


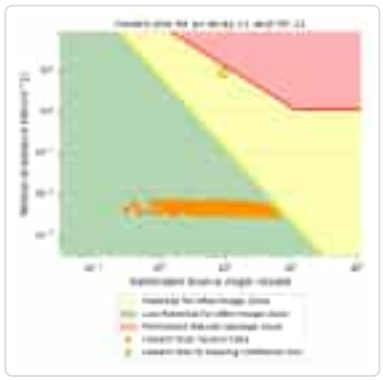
PV array 11: OP 31

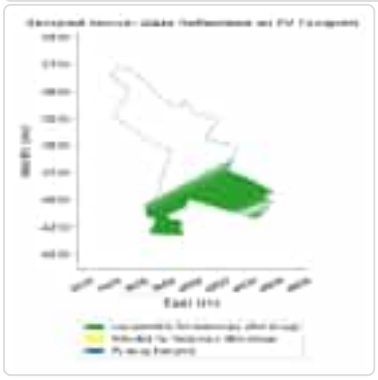
PV array is expected to produce the following glare for this receptor:

- 1,184 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





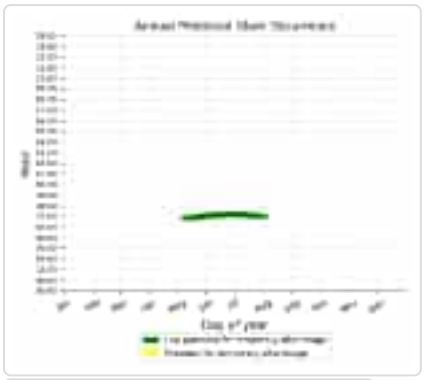


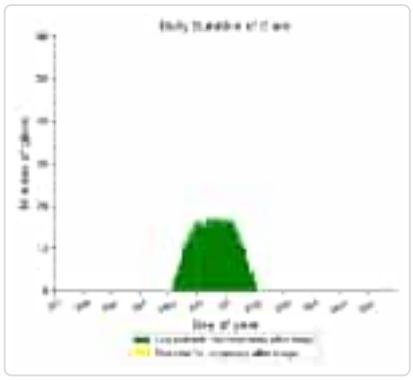


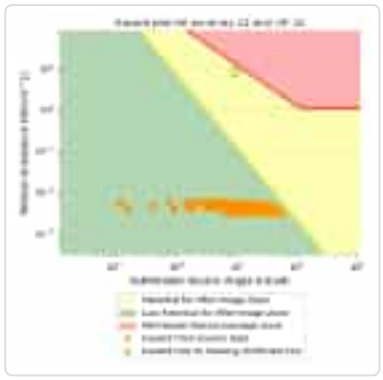
PV array 11: OP 32

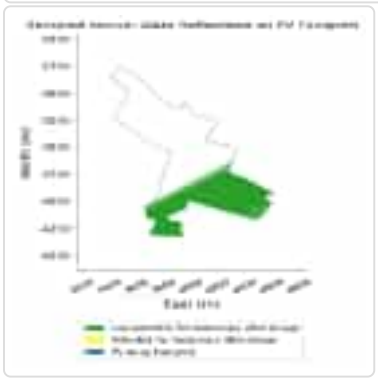
PV array is expected to produce the following glare for this receptor:

- 1,124 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





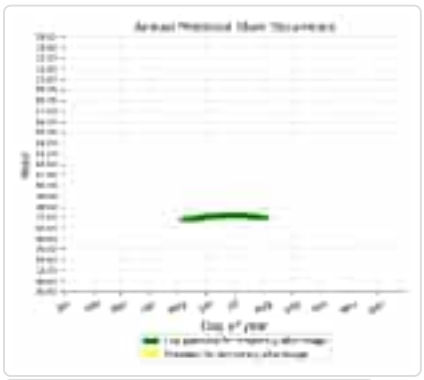


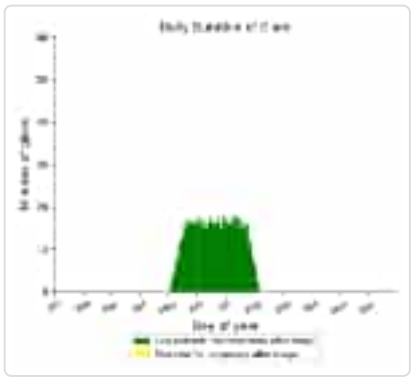


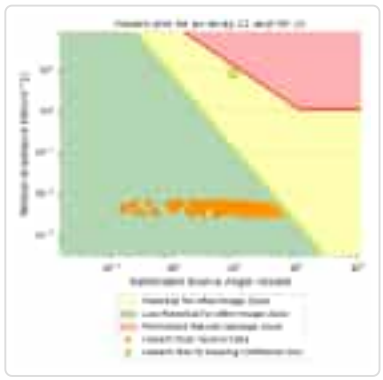
PV array 11: OP 33

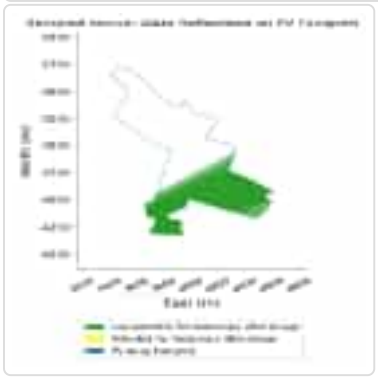
PV array is expected to produce the following glare for this receptor:

- 1,328 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





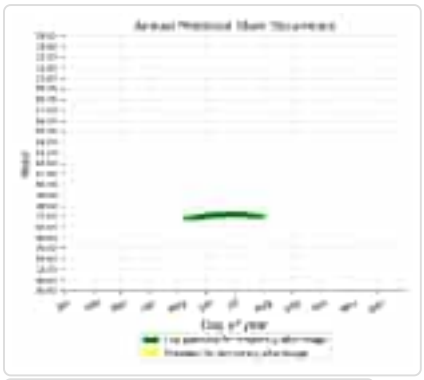


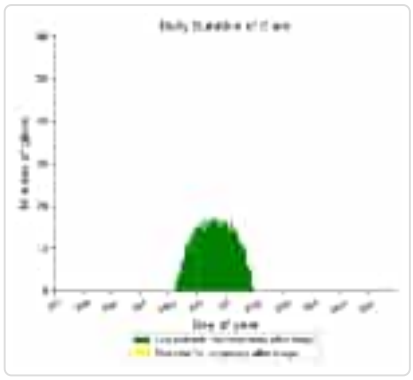


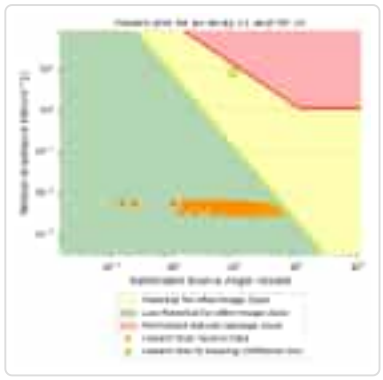
PV array 11: OP 34

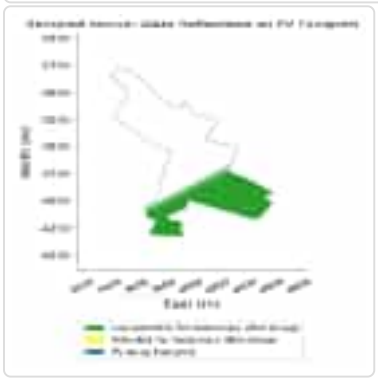
PV array is expected to produce the following glare for this receptor:

- 1,031 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





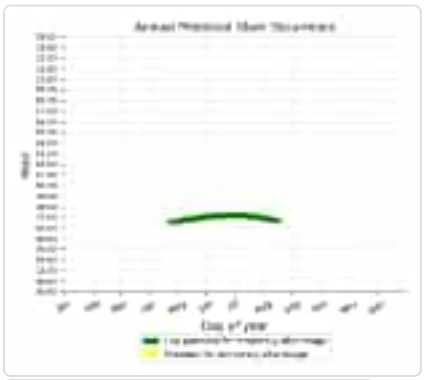


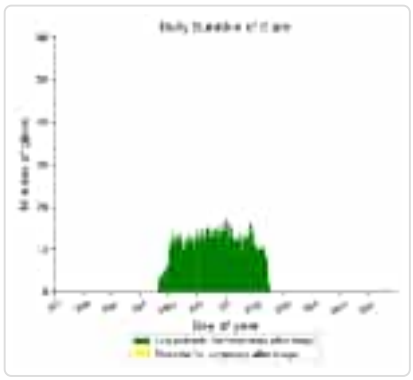


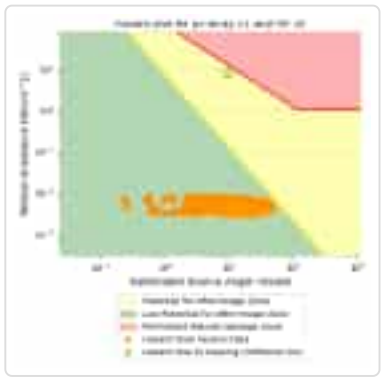
PV array 11: OP 35

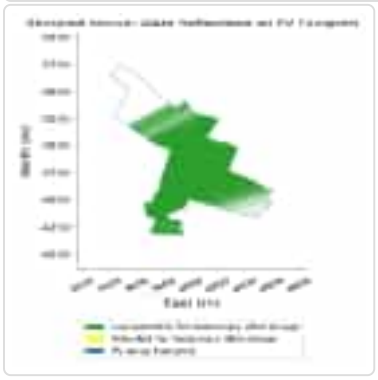
PV array is expected to produce the following glare for this receptor:

- 1,407 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





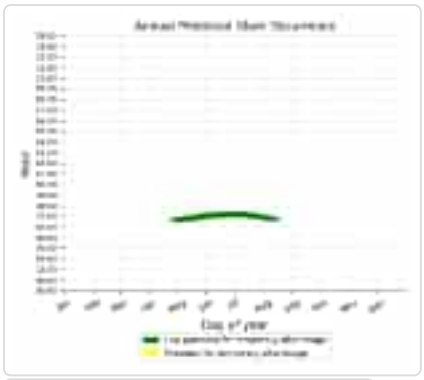


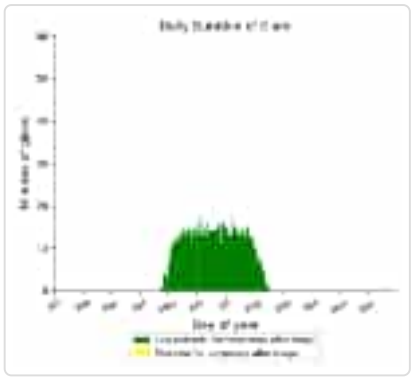


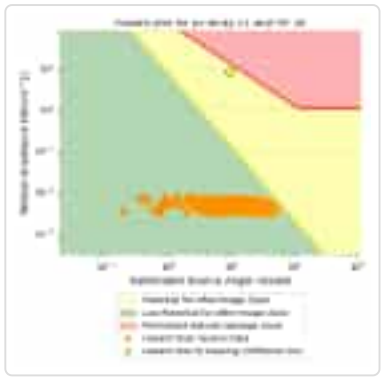
PV array 11: OP 36

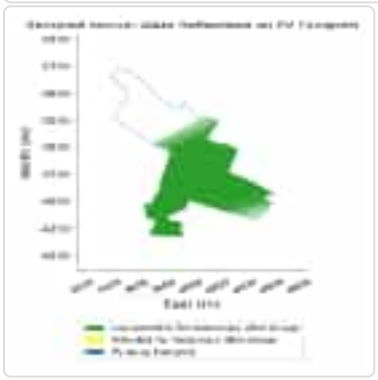
PV array is expected to produce the following glare for this receptor:

- 1,354 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





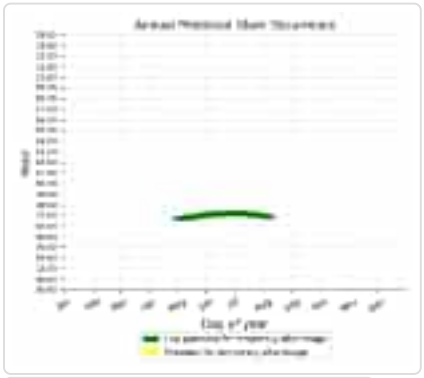


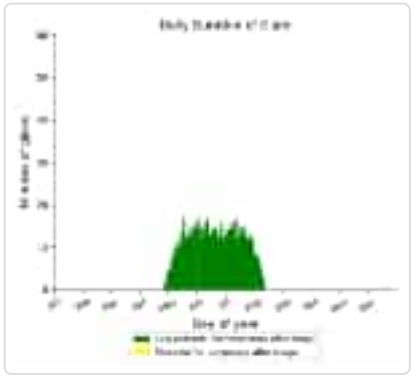


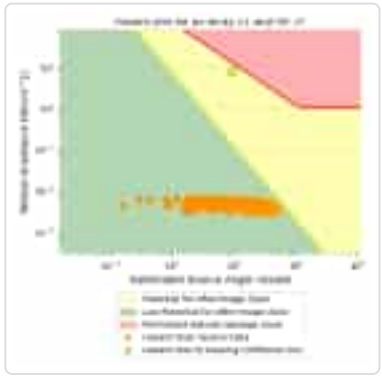
PV array 11: OP 37

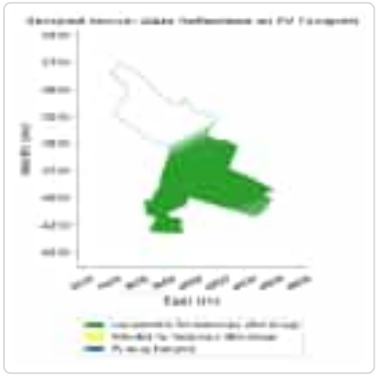
PV array is expected to produce the following glare for this receptor:

- 1,301 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





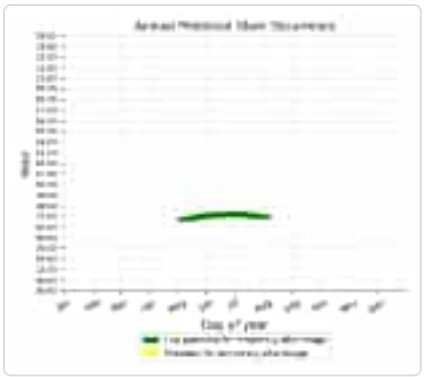


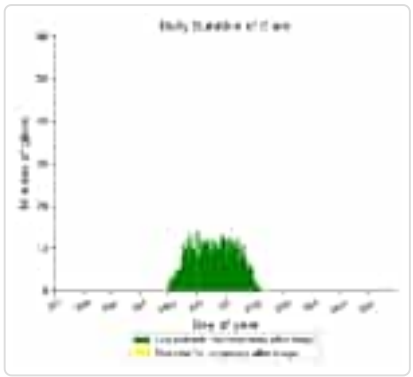


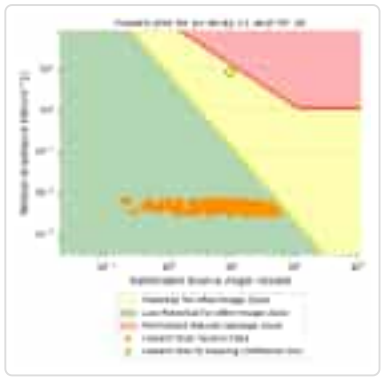
PV array 11: OP 38

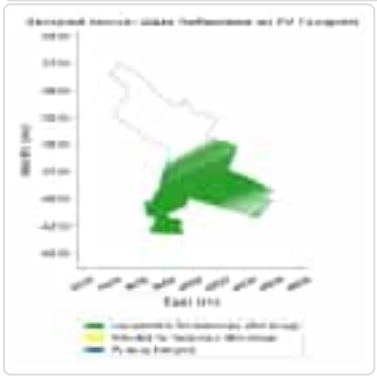
PV array is expected to produce the following glare for this receptor:

- 881 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





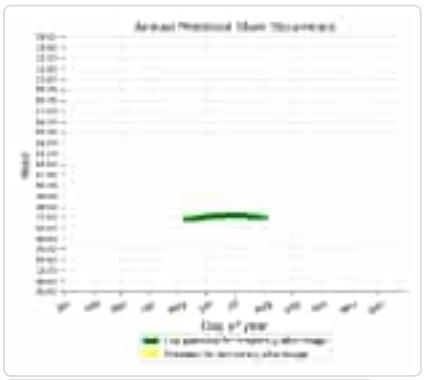


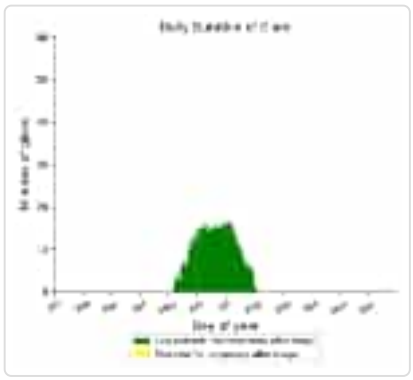


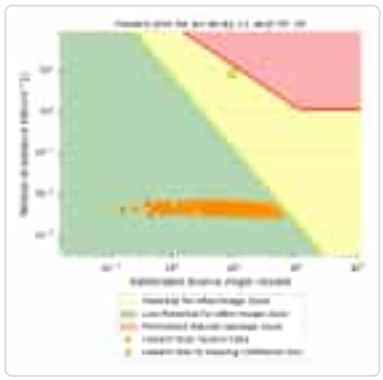
PV array 11: OP 39

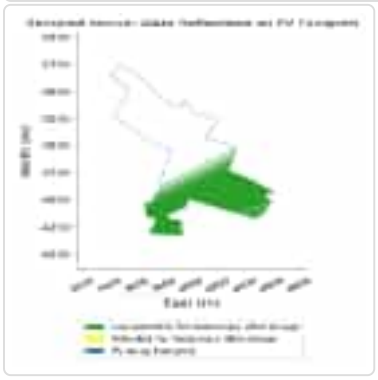
PV array is expected to produce the following glare for this receptor:

- 980 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 40

No glare found

PV array 11: OP 41

No glare found

PV array 11: OP 42

No glare found

PV array 11: OP 43

No glare found

PV array 11: OP 44

No glare found

PV array 11: OP 45

No glare found

PV array 11: OP 46

No glare found

PV array 11: OP 47

No glare found

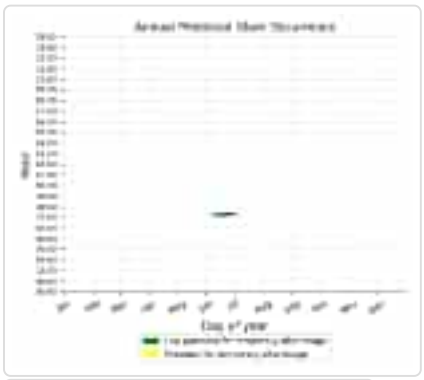
PV array 11: OP 48

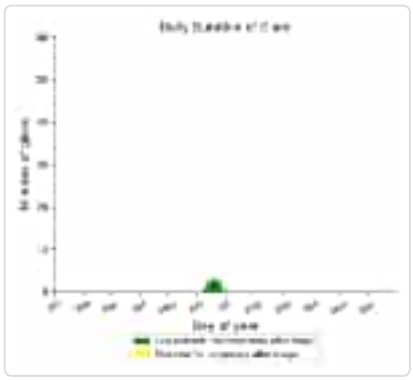
No glare found

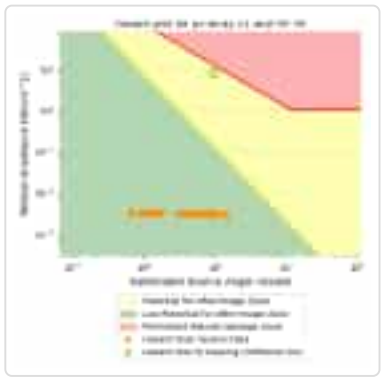
PV array 11: OP 49

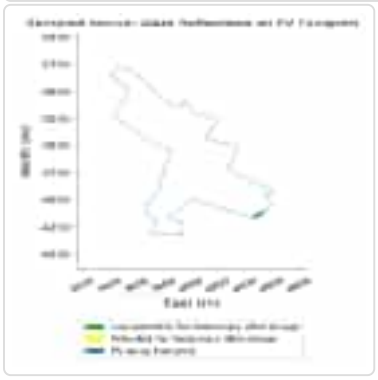
PV array is expected to produce the following glare for this receptor:

- 43 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





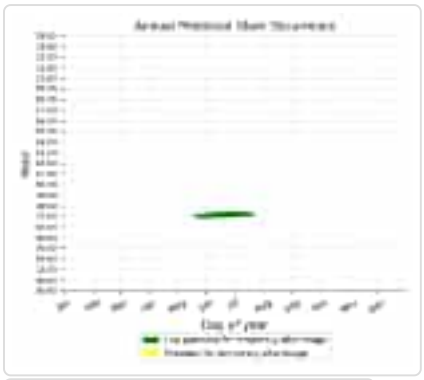


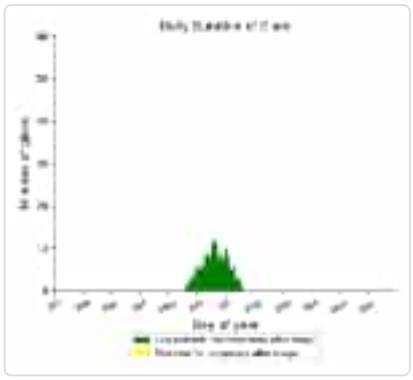


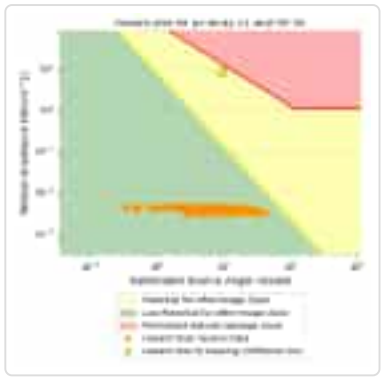
PV array 11: OP 50

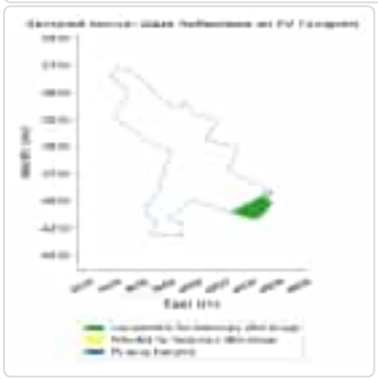
PV array is expected to produce the following glare for this receptor:

- 368 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 51

No glare found

PV array 11: OP 52

No glare found

PV array 11: OP 53

No glare found

PV array 11: OP 54

No glare found

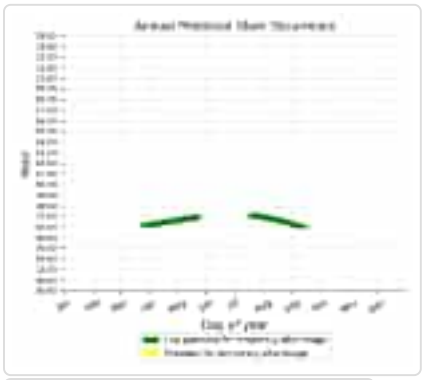
PV array 11: OP 55

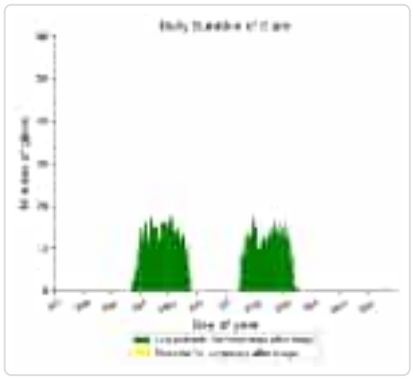
No glare found

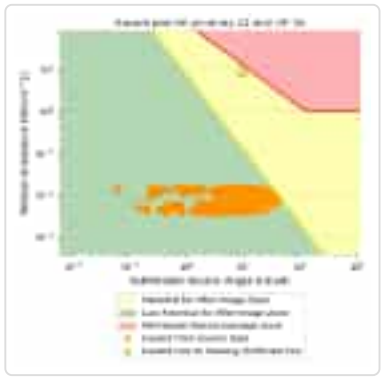
PV array 11: OP 56

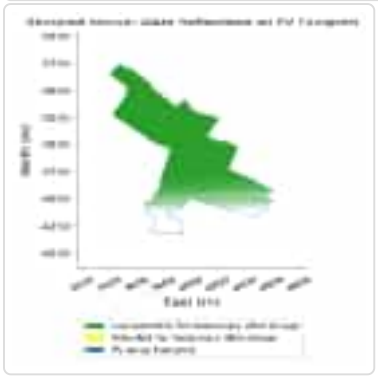
PV array is expected to produce the following glare for this receptor:

- 1,531 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





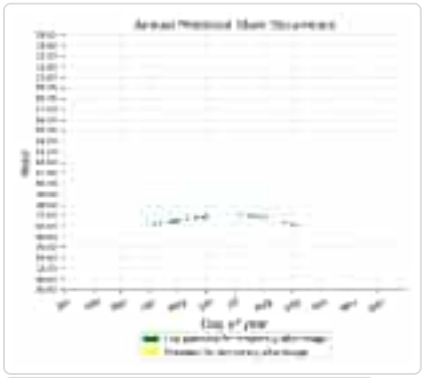


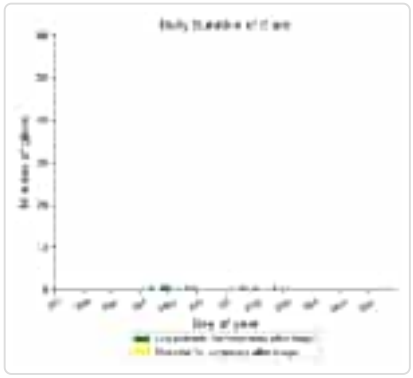


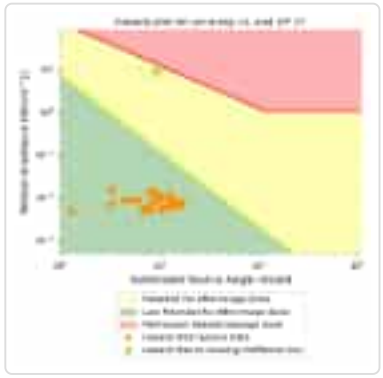
PV array 11: OP 57

PV array is expected to produce the following glare for this receptor:

- 30 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



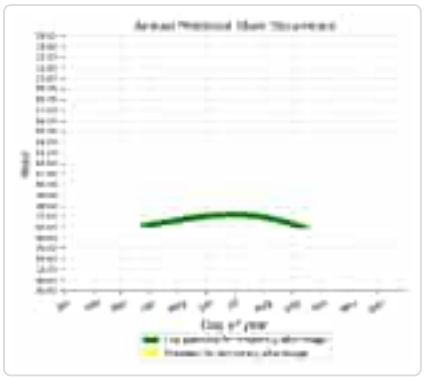


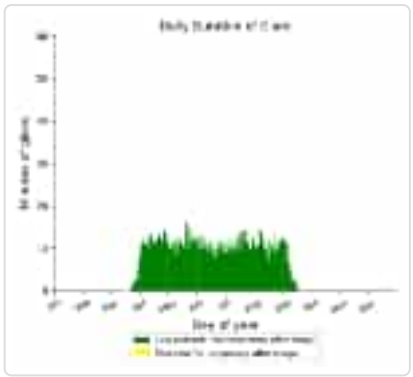


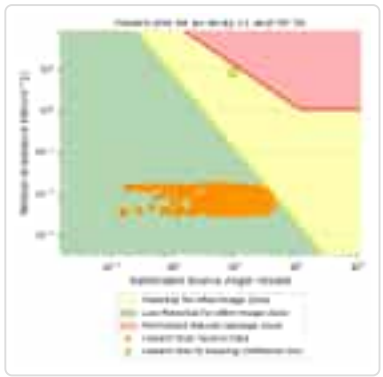
PV array 11: OP 58

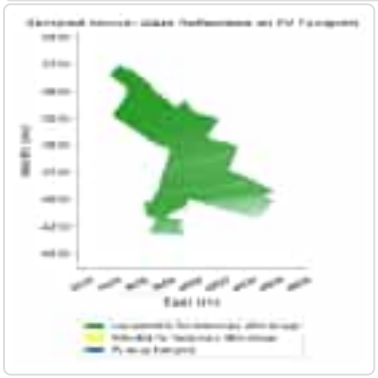
PV array is expected to produce the following glare for this receptor:

- 1,842 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





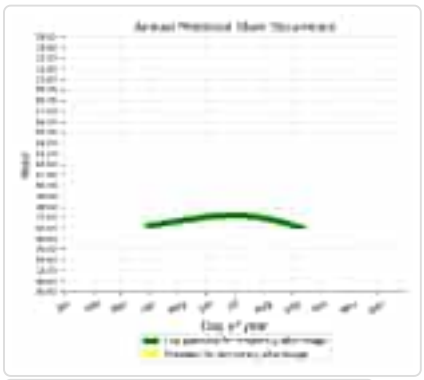


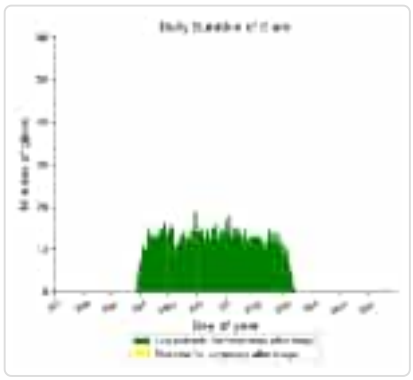


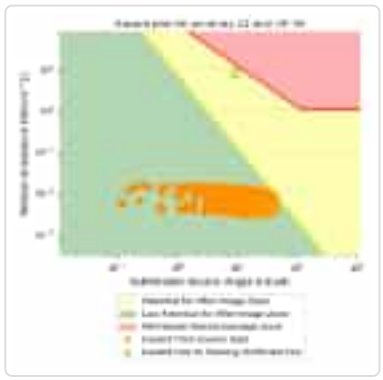
PV array 11: OP 59

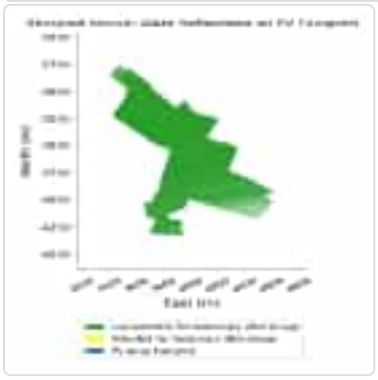
PV array is expected to produce the following glare for this receptor:

- 2,154 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





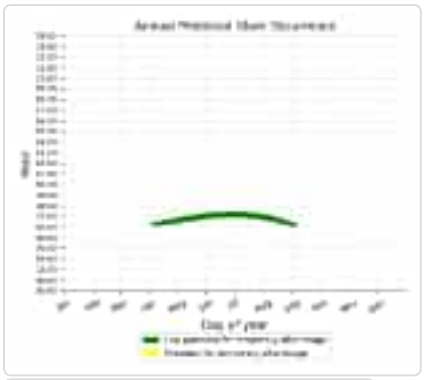


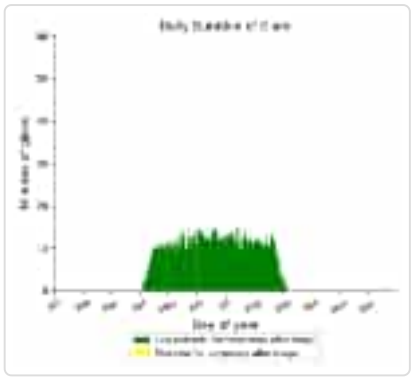


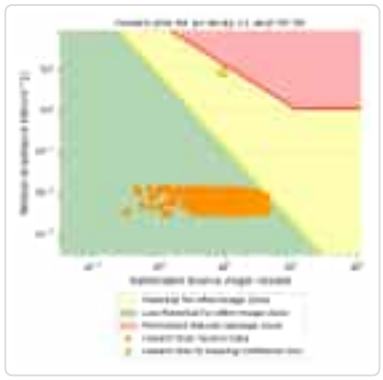
PV array 11: OP 60

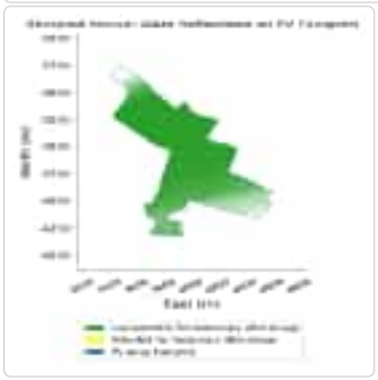
PV array is expected to produce the following glare for this receptor:

- 1,675 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





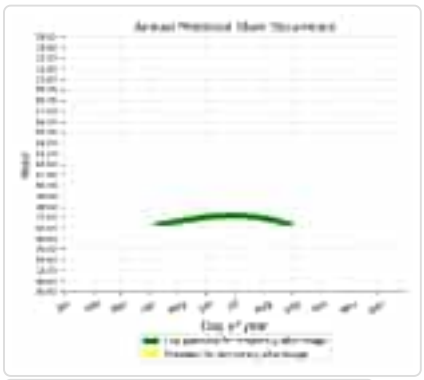


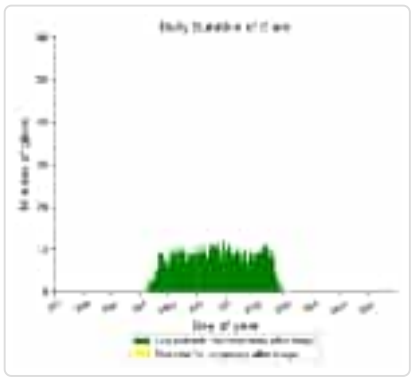


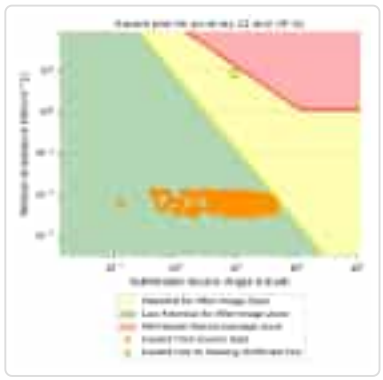
PV array 11: OP 61

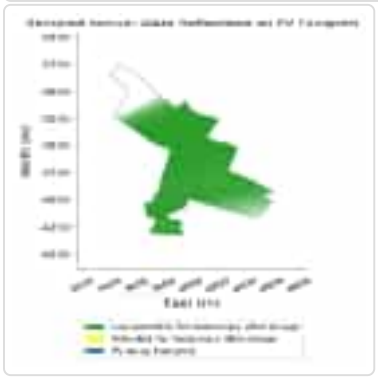
PV array is expected to produce the following glare for this receptor:

- 1,218 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





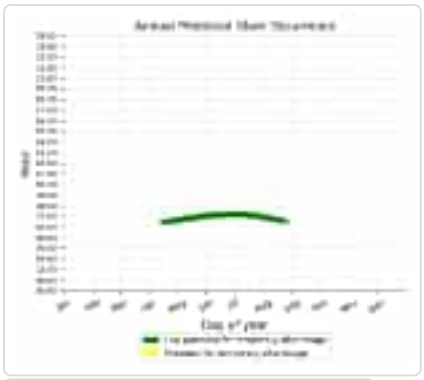


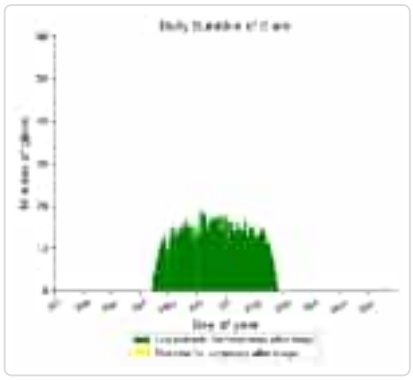


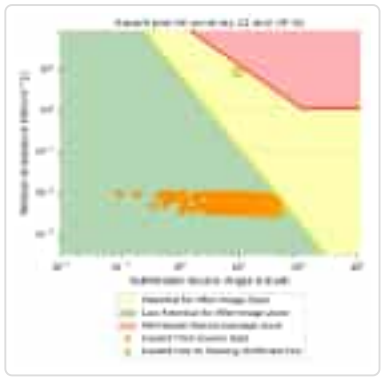
PV array 11: OP 62

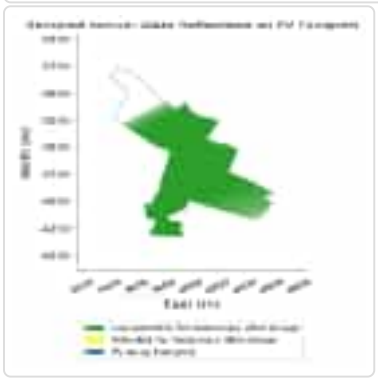
PV array is expected to produce the following glare for this receptor:

- 1,832 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





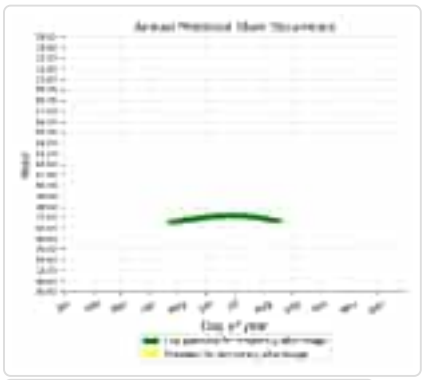


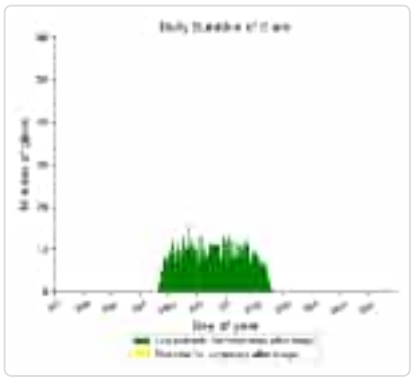


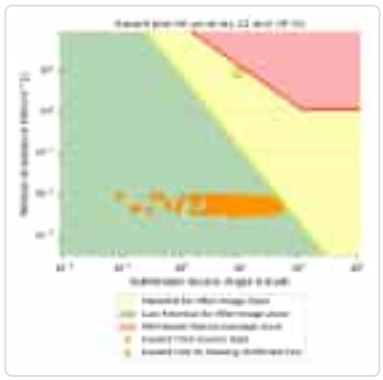
PV array 11: OP 63

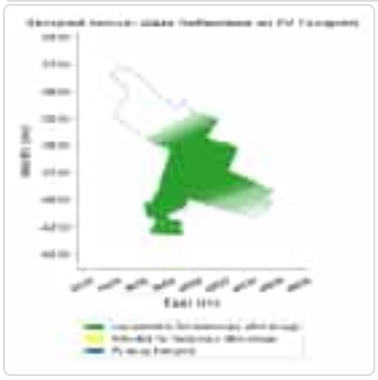
PV array is expected to produce the following glare for this receptor:

- 1,112 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





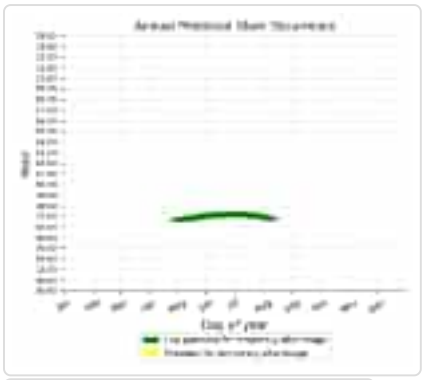


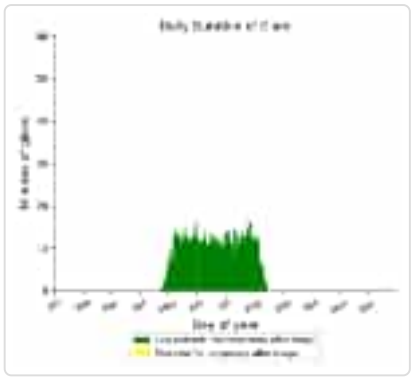


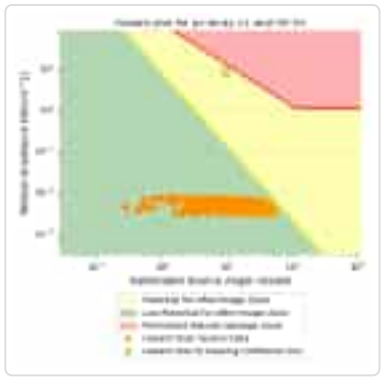
PV array 11: OP 64

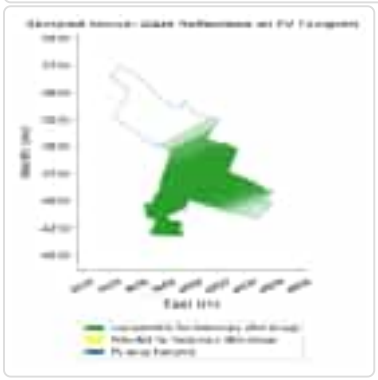
PV array is expected to produce the following glare for this receptor:

- 1,274 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)

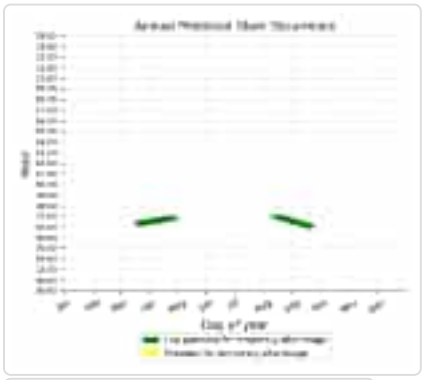
OP: OP 1	1270	0
OP: OP 2	1164	0
OP: OP 3	1374	0
OP: OP 4	1166	0
OP: OP 5	1325	0
OP: OP 6	1437	0
OP: OP 7	1241	0
OP: OP 8	34	0
OP: OP 9	0	0
OP: OP 10	1524	0
OP: OP 11	2060	0
OP: OP 12	1893	0
OP: OP 13	39	0
OP: OP 14	603	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	753	0
OP: OP 24	745	0
OP: OP 25	702	0
OP: OP 26	726	0
OP: OP 27	20	0
OP: OP 28	18	0
OP: OP 29	674	0
OP: OP 30	513	0
OP: OP 31	627	0
OP: OP 32	571	0
OP: OP 33	486	0
OP: OP 34	637	0
OP: OP 35	634	0
OP: OP 36	567	0
OP: OP 37	625	0
OP: OP 38	688	0
OP: OP 39	660	0
OP: OP 40	916	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	25	0
OP: OP 44	26	0
OP: OP 45	0	0
OP: OP 46	789	0
OP: OP 47	877	0
OP: OP 48	993	0
OP: OP 49	969	0
OP: OP 50	1105	0
OP: OP 51	1663	0
OP: OP 52	1423	0
OP: OP 53	1008	0
OP: OP 54	16	0

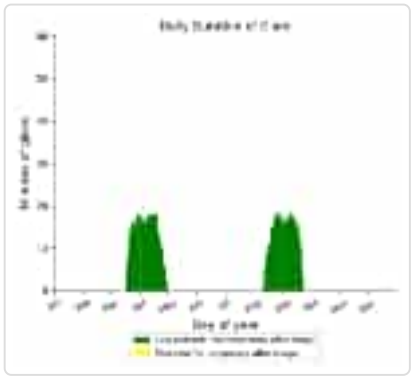
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	216	0
OP: OP 58	514	0
OP: OP 59	620	0
OP: OP 60	638	0
OP: OP 61	680	0
OP: OP 62	610	0
OP: OP 63	623	0
OP: OP 64	625	0

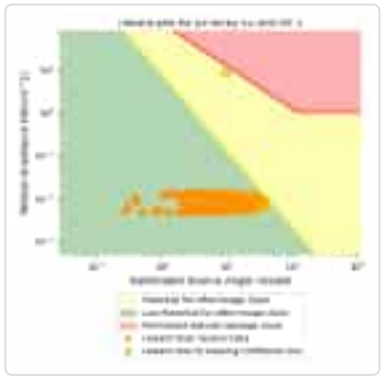
PV array 12: OP 1

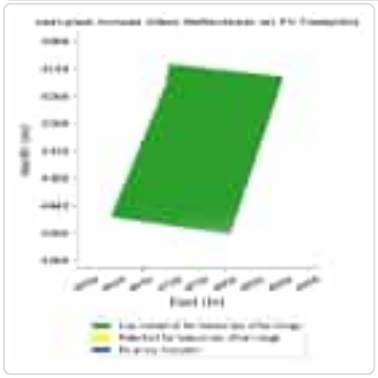
PV array is expected to produce the following glare for this receptor:

- 1,270 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





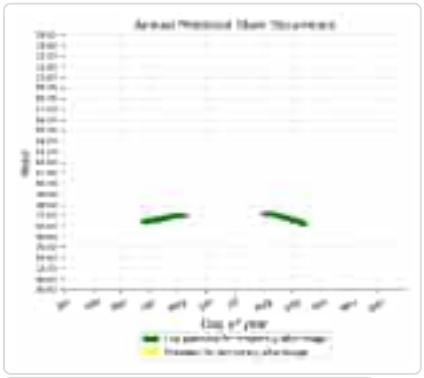


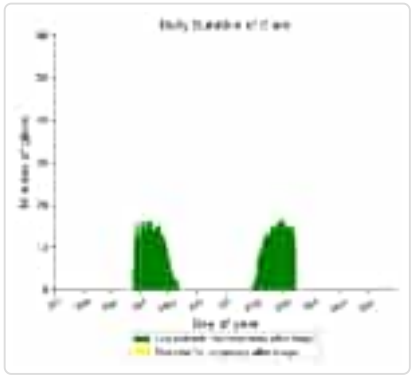


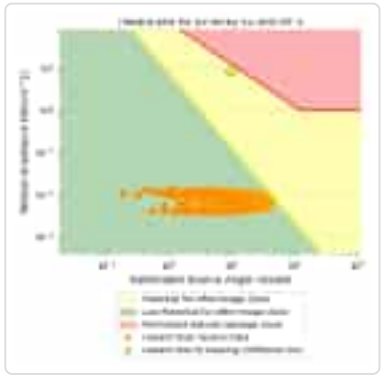
PV array 12: OP 2

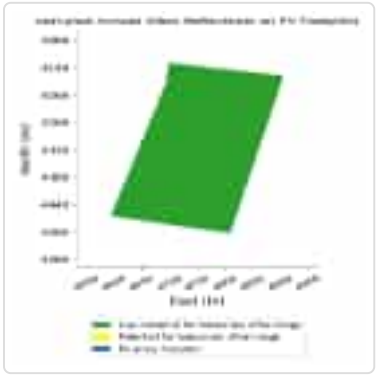
PV array is expected to produce the following glare for this receptor:

- 1,164 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





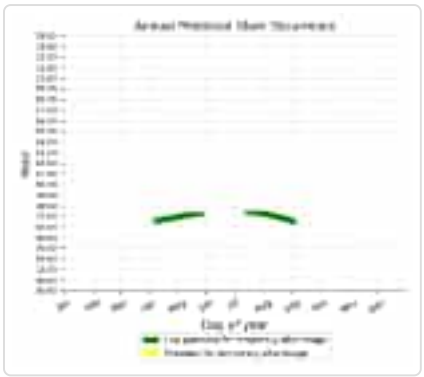


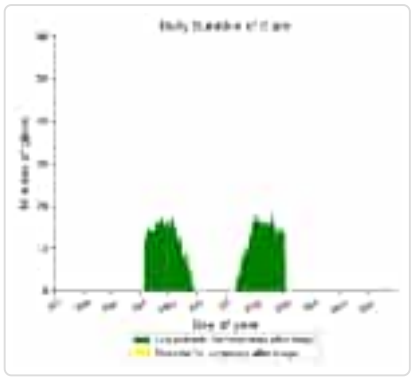


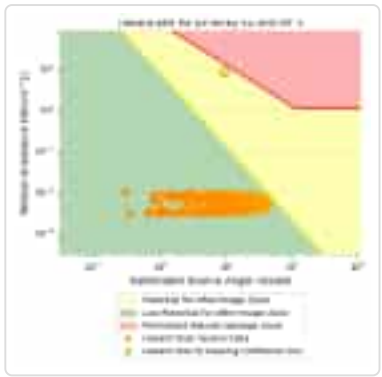
PV array 12: OP 3

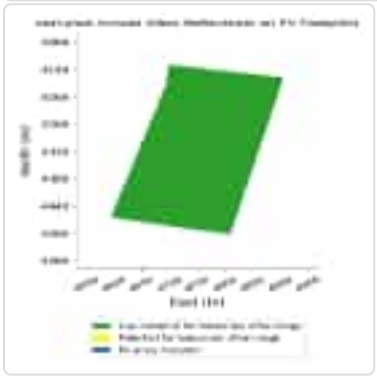
PV array is expected to produce the following glare for this receptor:

- 1,374 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





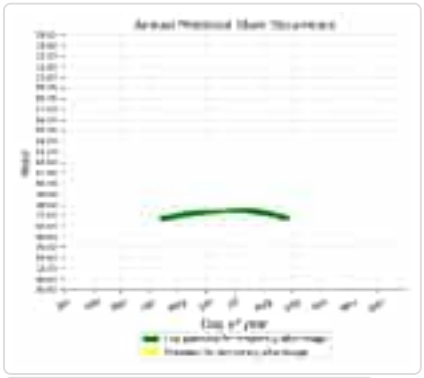


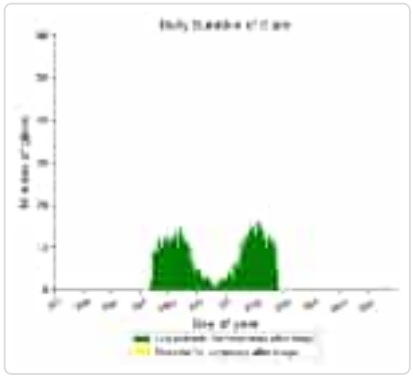


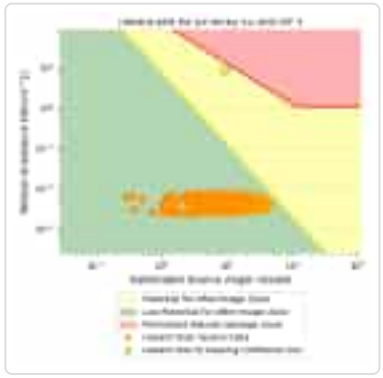
PV array 12: OP 4

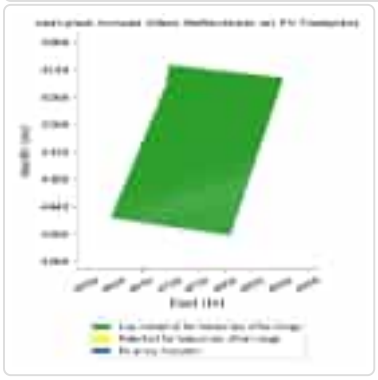
PV array is expected to produce the following glare for this receptor:

- 1,166 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





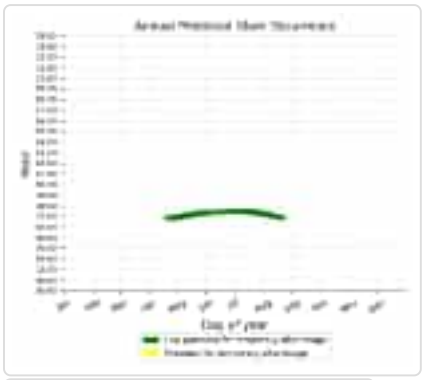


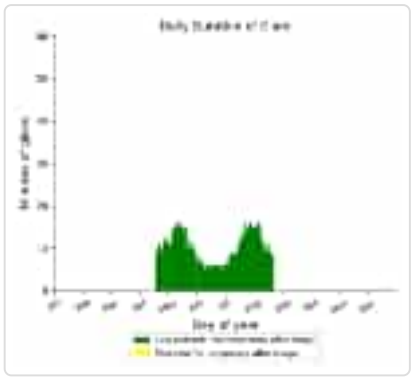


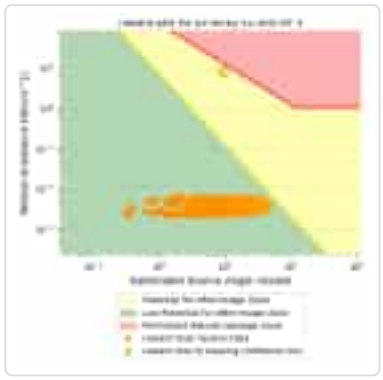
PV array 12: OP 5

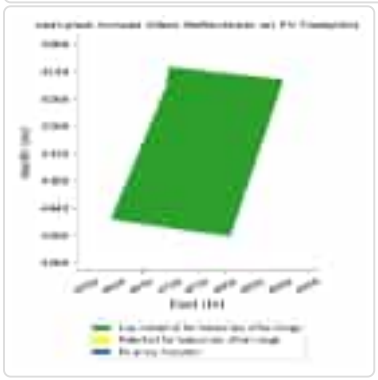
PV array is expected to produce the following glare for this receptor:

- 1,325 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





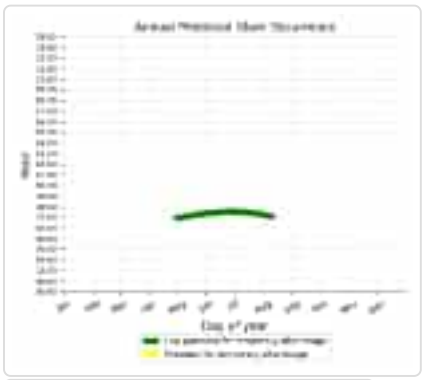


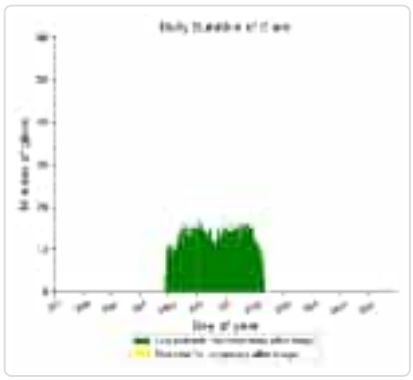


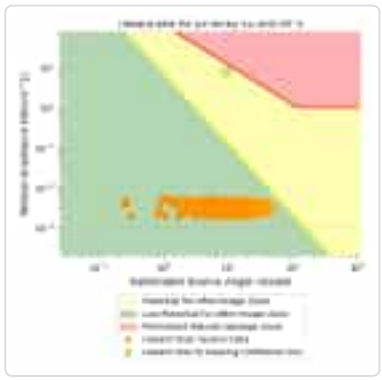
PV array 12: OP 6

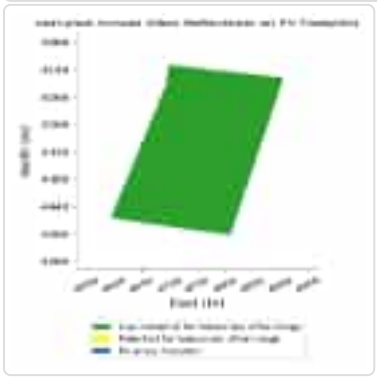
PV array is expected to produce the following glare for this receptor:

- 1,437 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





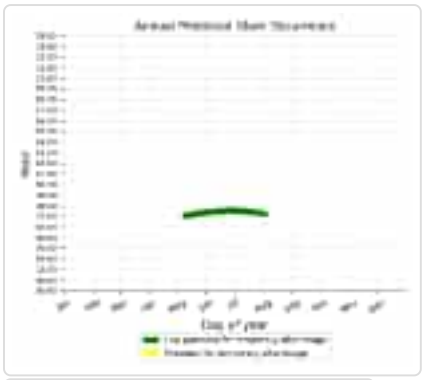


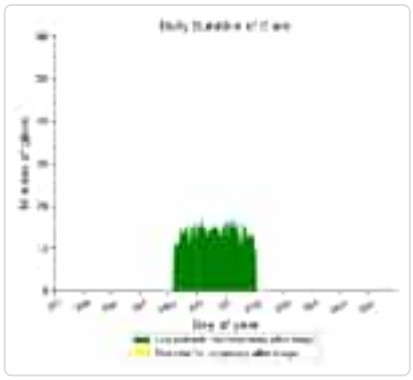


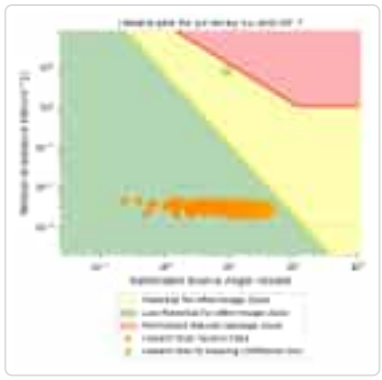
PV array 12: OP 7

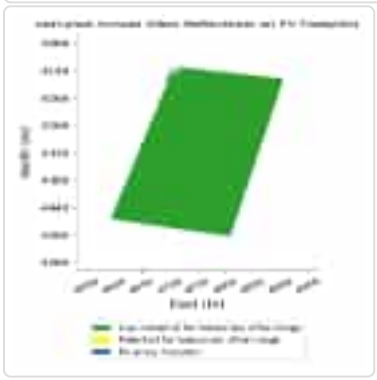
PV array is expected to produce the following glare for this receptor:

- 1,241 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





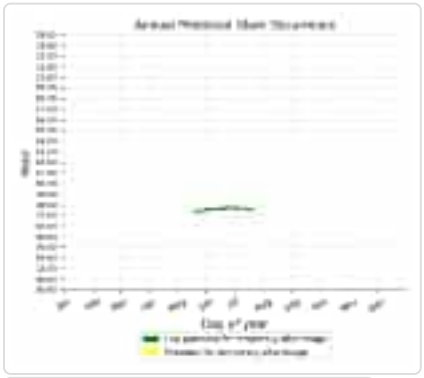


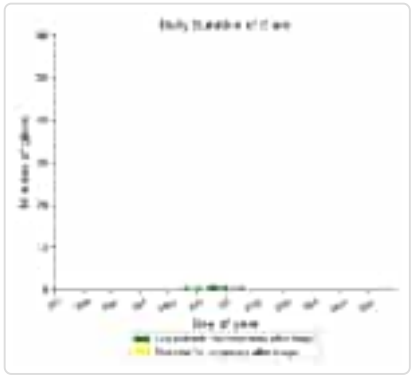


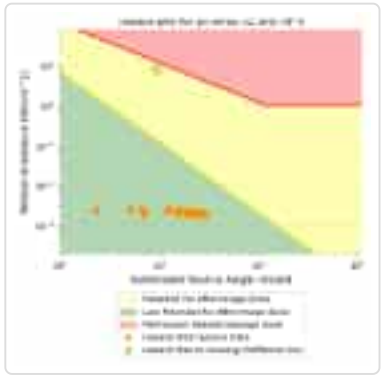
PV array 12: OP 8

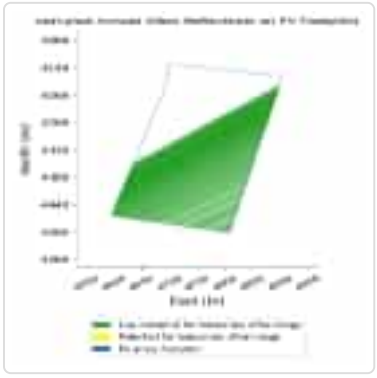
PV array is expected to produce the following glare for this receptor:

- 34 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









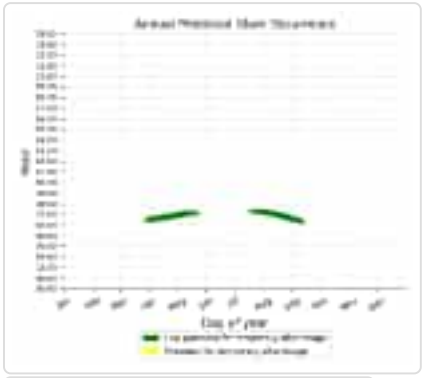
PV array 12: OP 9

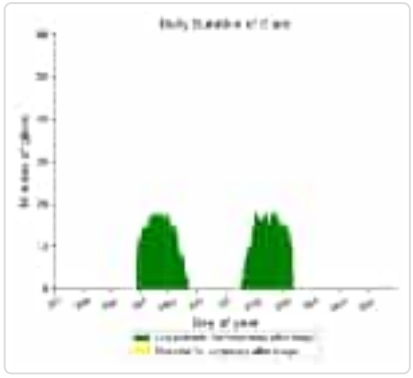
No glare found

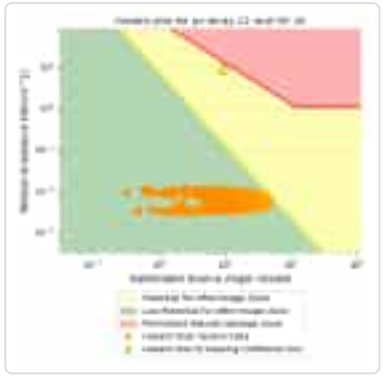
PV array 12: OP 10

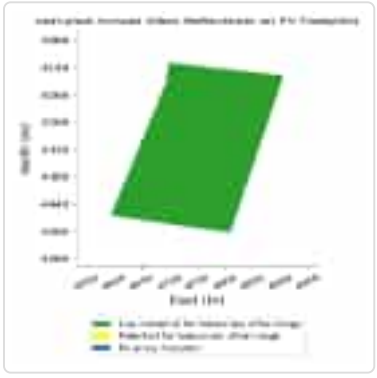
PV array is expected to produce the following glare for this receptor:

- 1,524 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





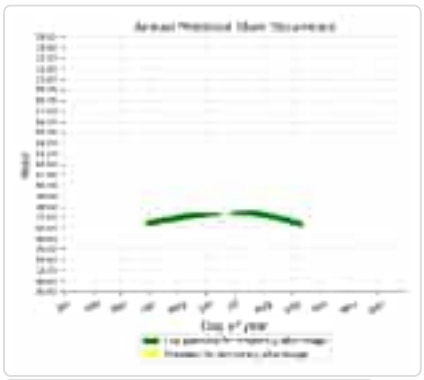


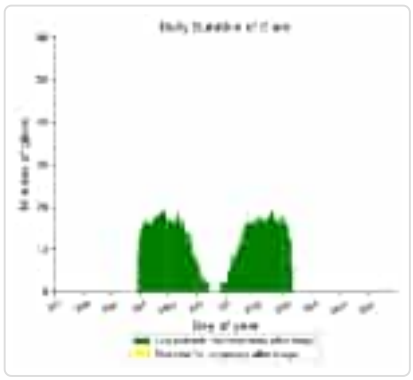


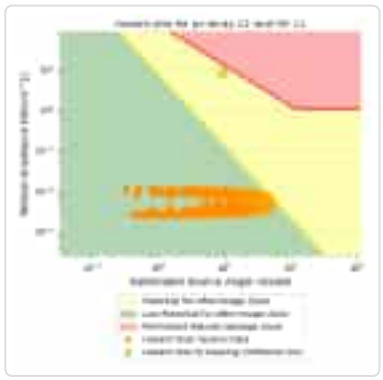
PV array 12: OP 11

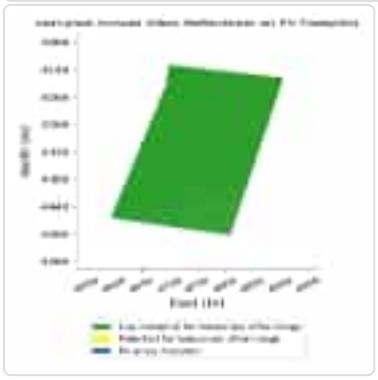
PV array is expected to produce the following glare for this receptor:

- 2,060 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





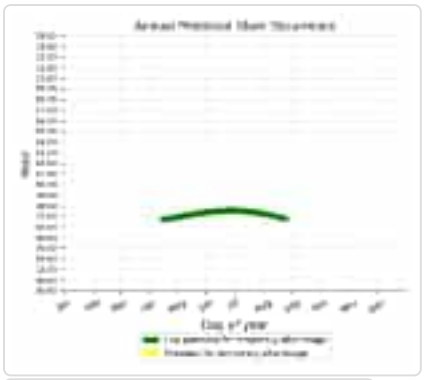


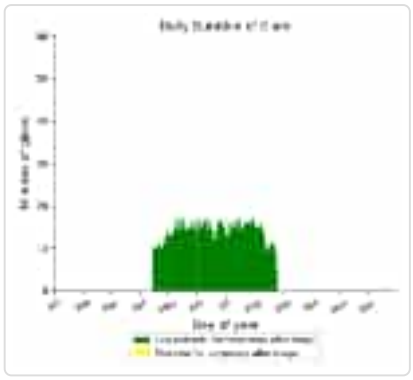


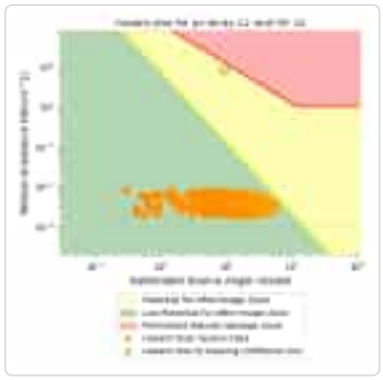
PV array 12: OP 12

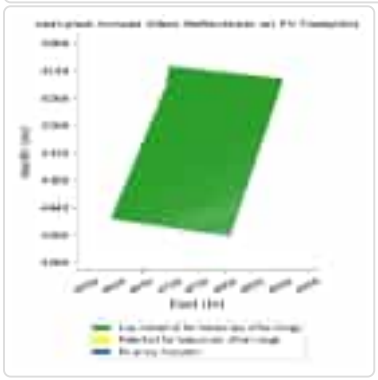
PV array is expected to produce the following glare for this receptor:

- 1,893 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





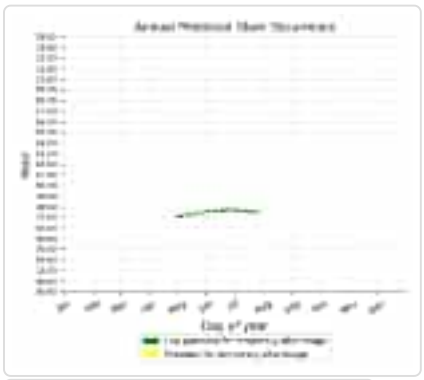


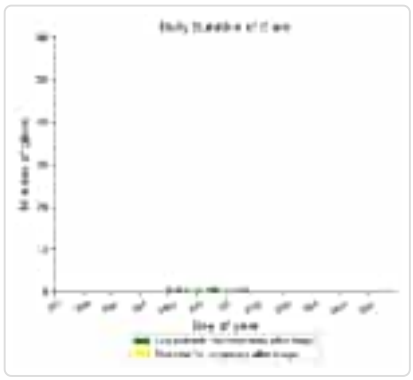


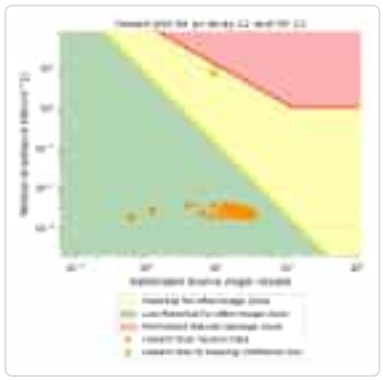
PV array 12: OP 13

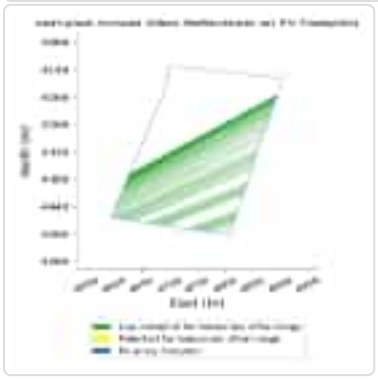
PV array is expected to produce the following glare for this receptor:

- 39 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





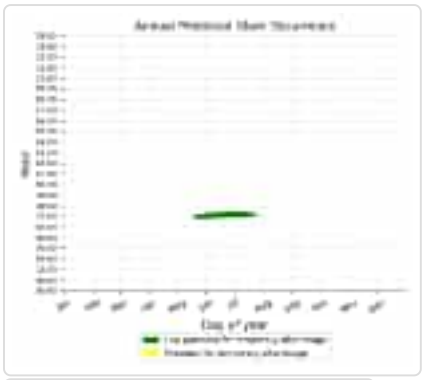


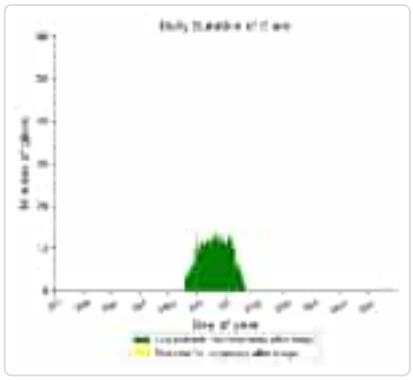


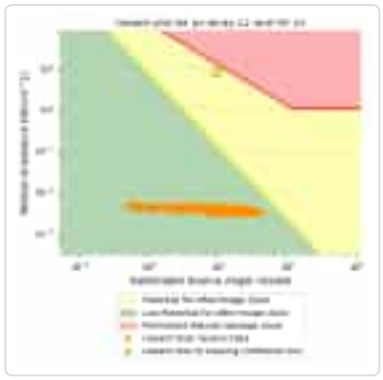
PV array 12: OP 14

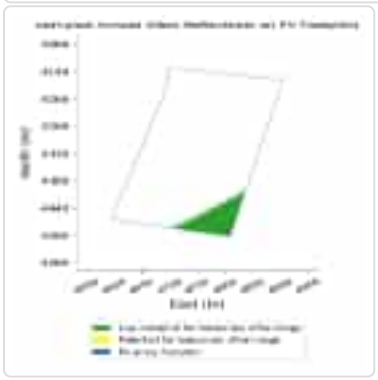
PV array is expected to produce the following glare for this receptor:

- 603 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12: OP 15

No glare found

PV array 12: OP 16

No glare found

PV array 12: OP 17

No glare found

PV array 12: OP 18

No glare found

PV array 12: OP 19

No glare found

PV array 12: OP 20

No glare found

PV array 12: OP 21

No glare found

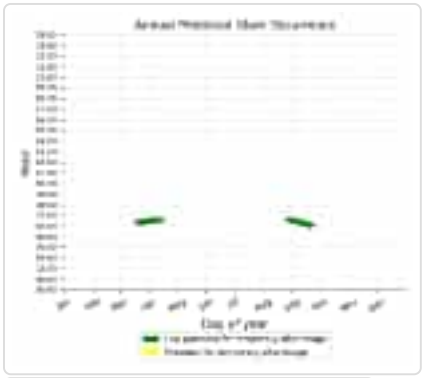
PV array 12: OP 22

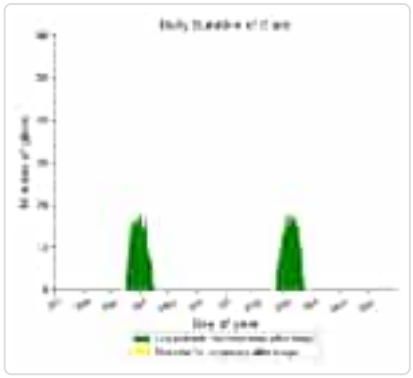
No glare found

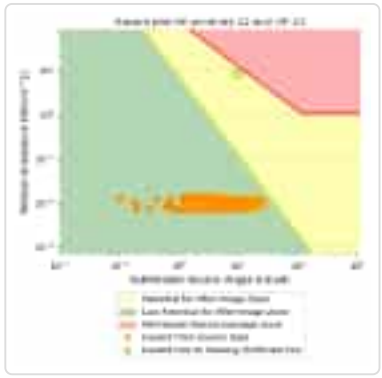
PV array 12: OP 23

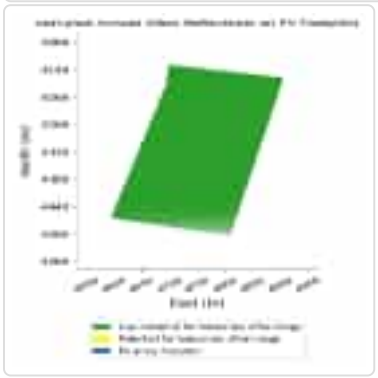
PV array is expected to produce the following glare for this receptor:

- 753 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





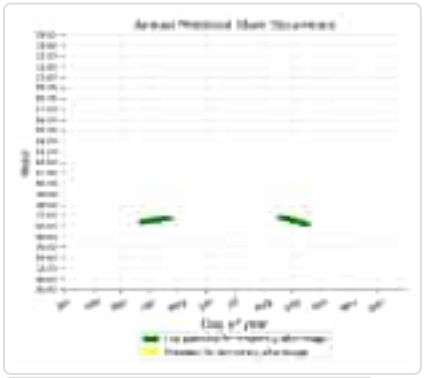


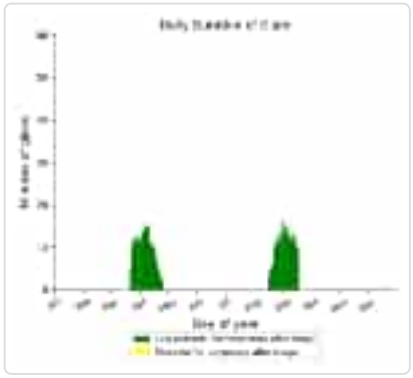


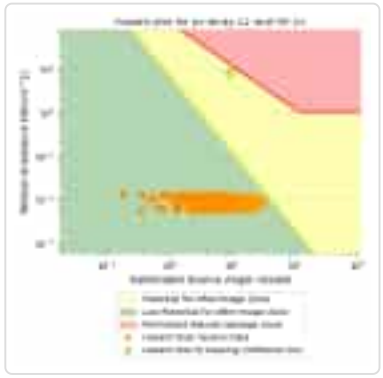
PV array 12: OP 24

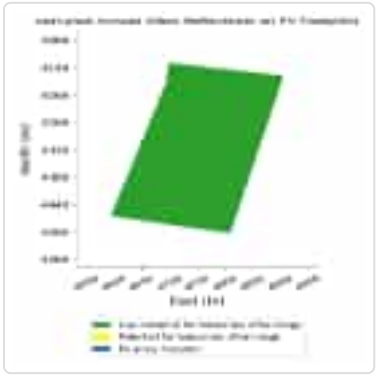
PV array is expected to produce the following glare for this receptor:

- 745 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





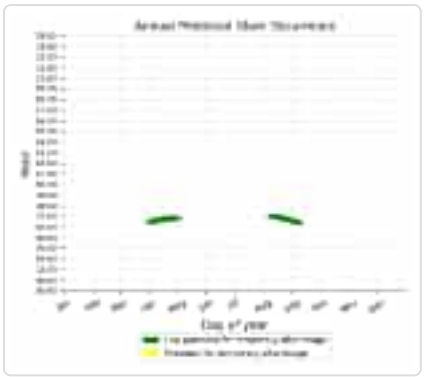


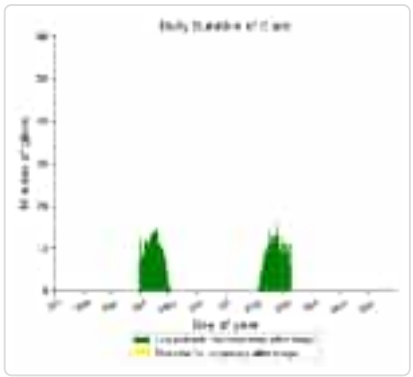


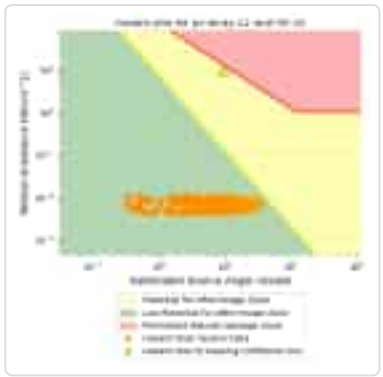
PV array 12: OP 25

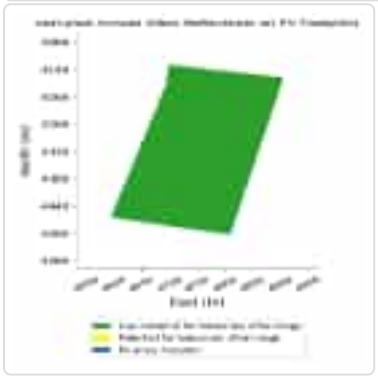
PV array is expected to produce the following glare for this receptor:

- 702 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





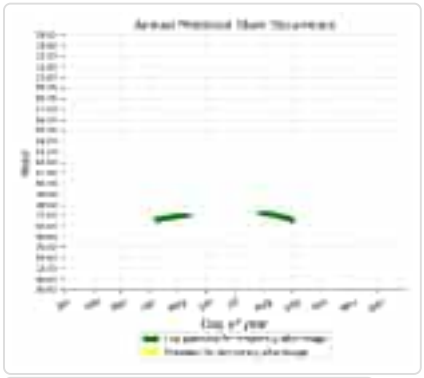


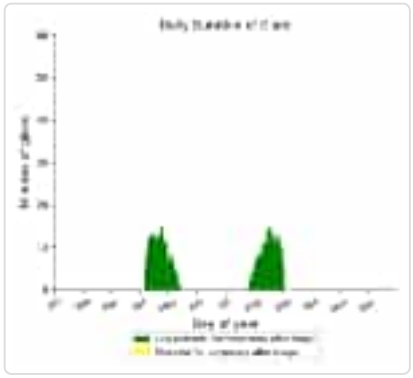


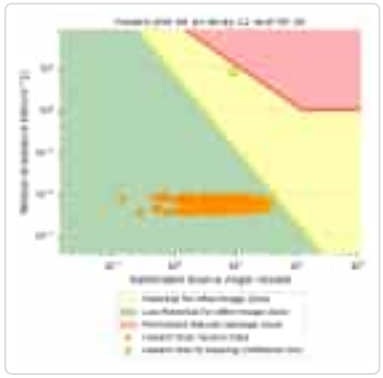
PV array 12: OP 26

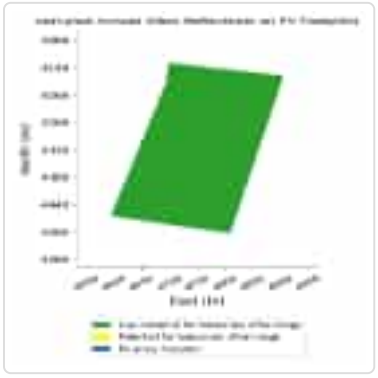
PV array is expected to produce the following glare for this receptor:

- 726 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





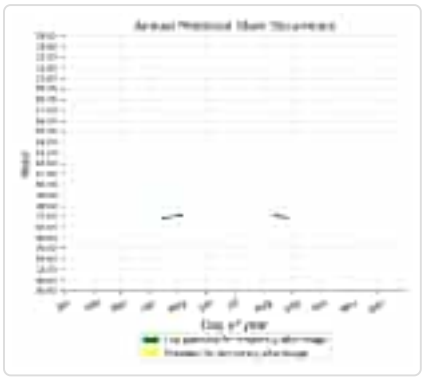


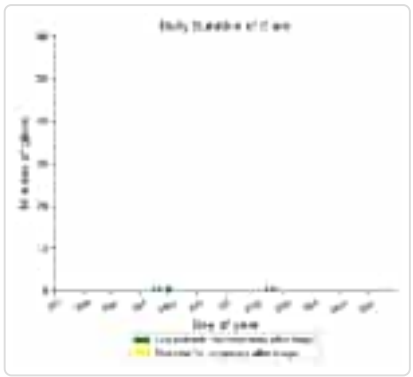


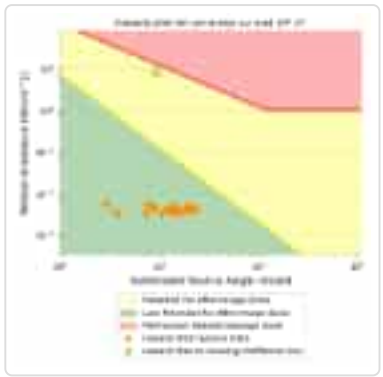
PV array 12: OP 27

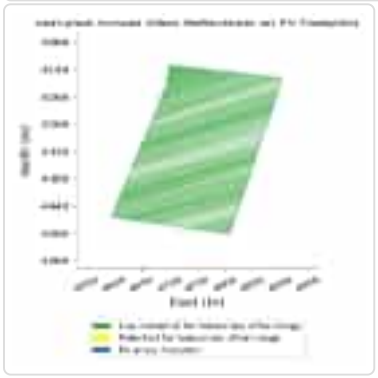
PV array is expected to produce the following glare for this receptor:

- 20 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





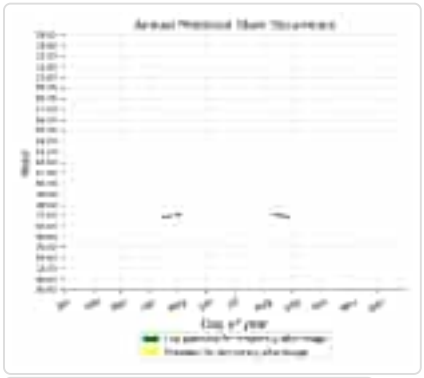


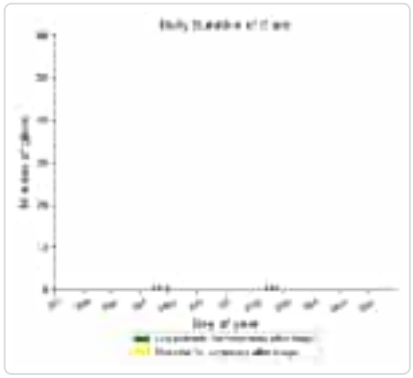


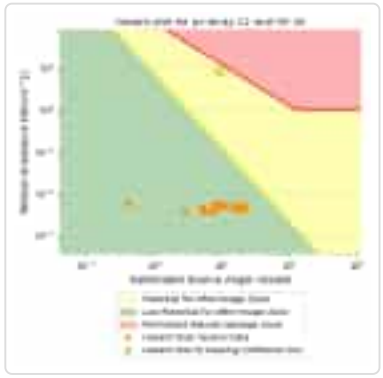
PV array 12: OP 28

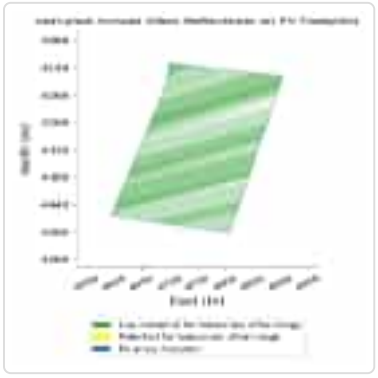
PV array is expected to produce the following glare for this receptor:

- 18 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





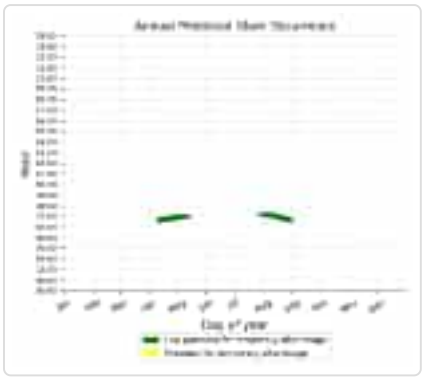


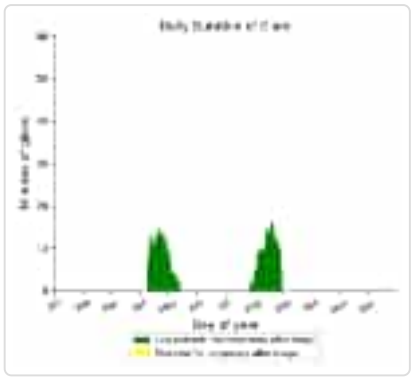


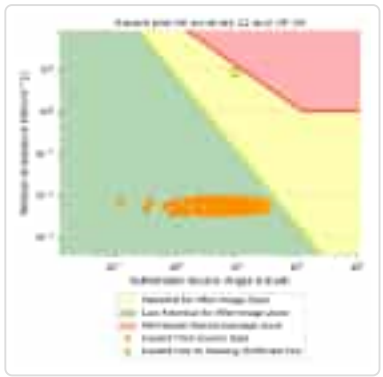
PV array 12: OP 29

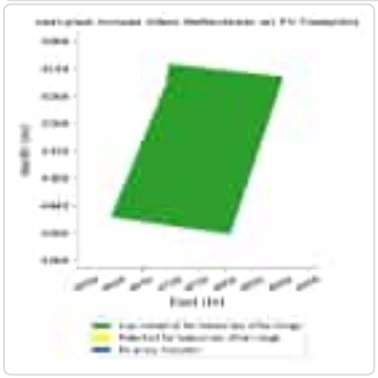
PV array is expected to produce the following glare for this receptor:

- 674 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





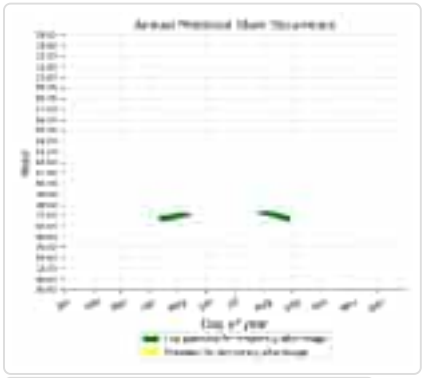


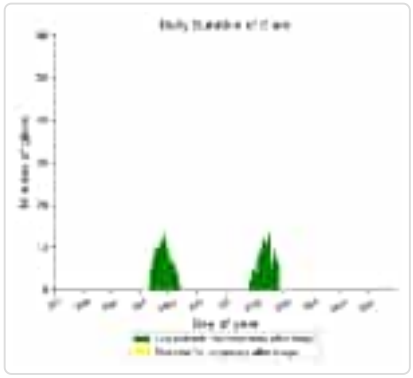


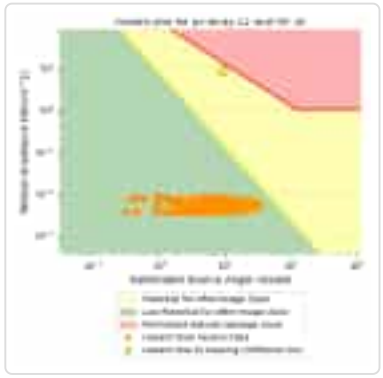
PV array 12: OP 30

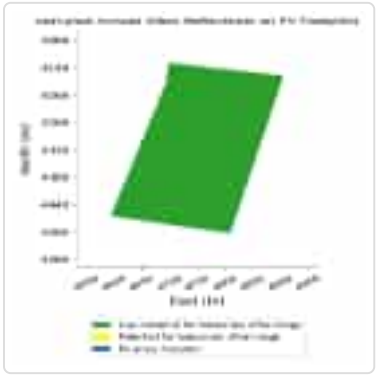
PV array is expected to produce the following glare for this receptor:

- 513 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





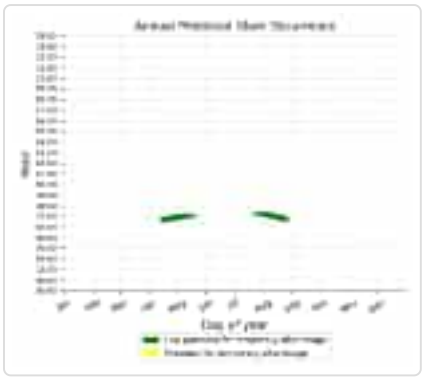


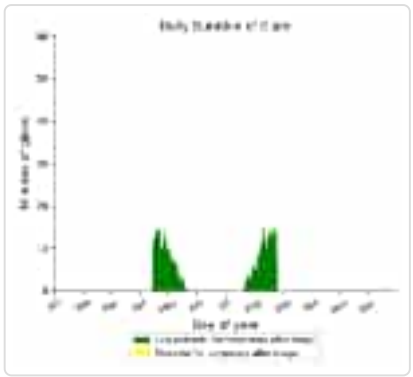


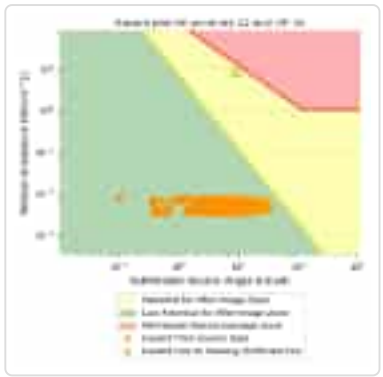
PV array 12: OP 31

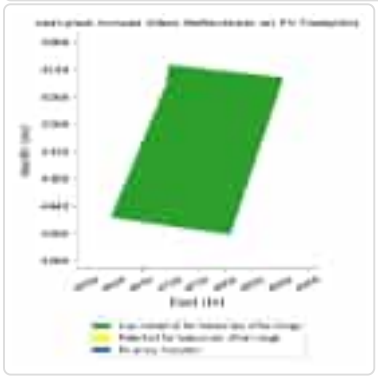
PV array is expected to produce the following glare for this receptor:

- 627 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





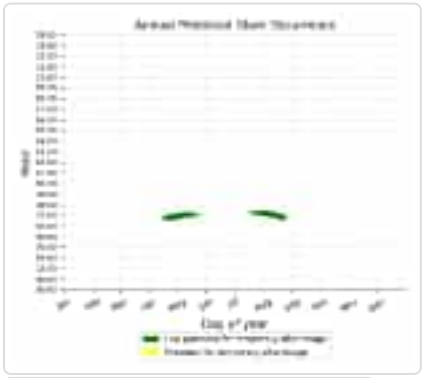


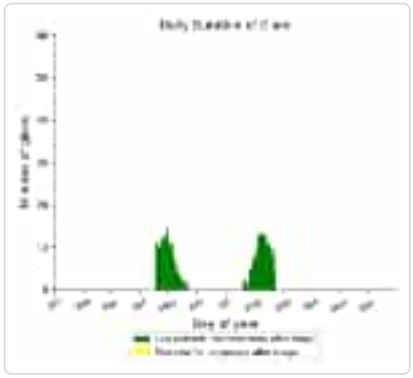


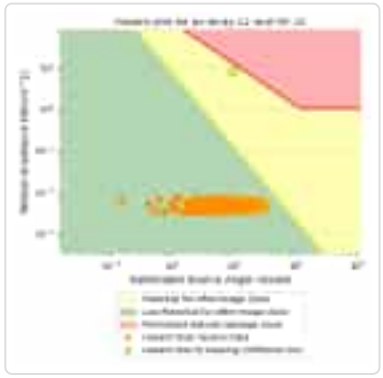
PV array 12: OP 32

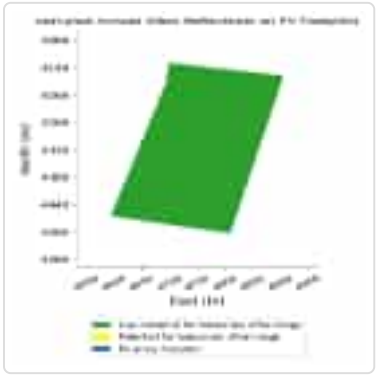
PV array is expected to produce the following glare for this receptor:

- 571 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





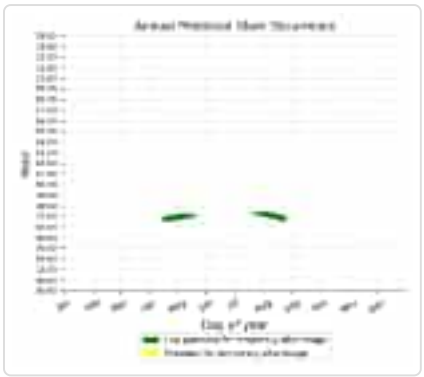


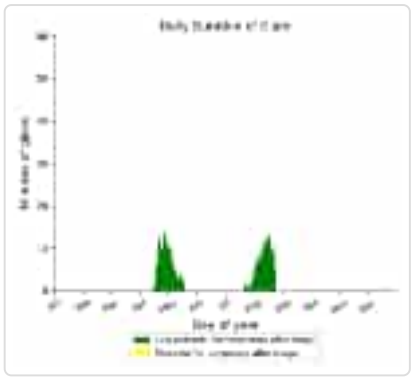


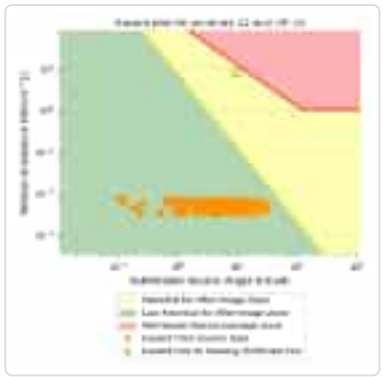
PV array 12: OP 33

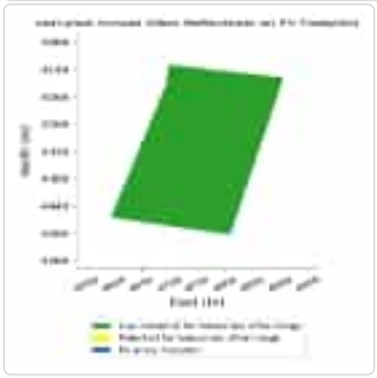
PV array is expected to produce the following glare for this receptor:

- 486 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





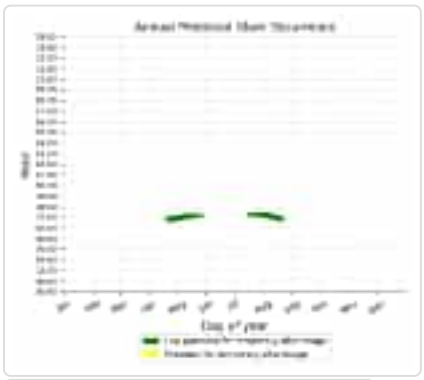


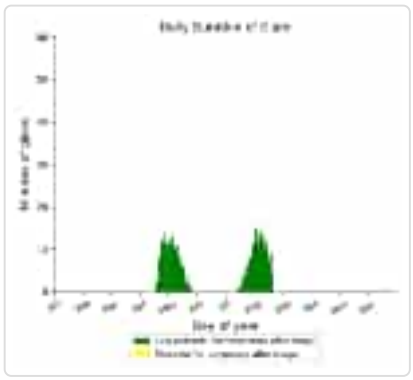


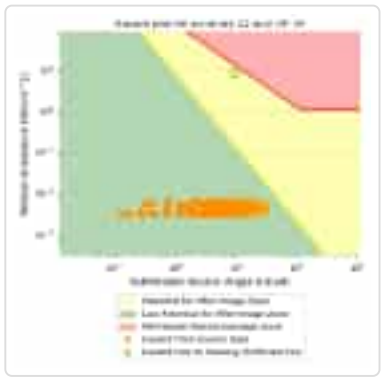
PV array 12: OP 34

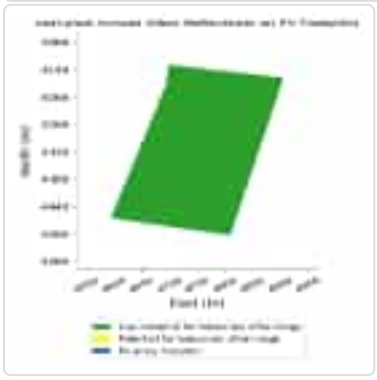
PV array is expected to produce the following glare for this receptor:

- 637 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





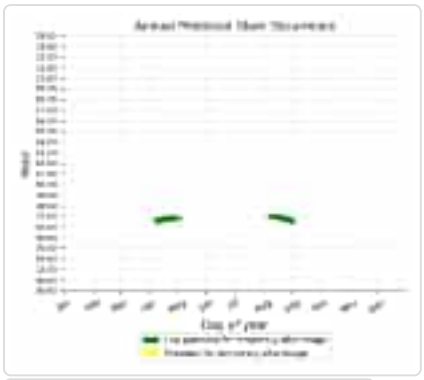


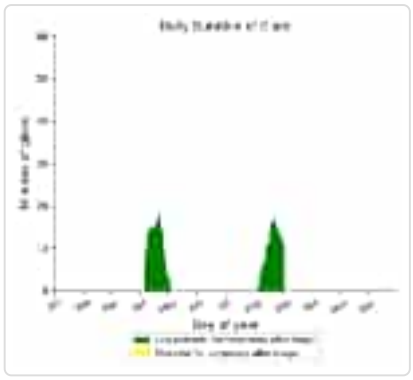


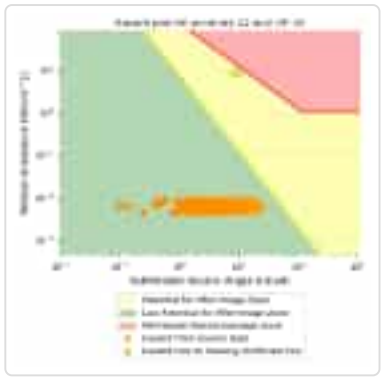
PV array 12: OP 35

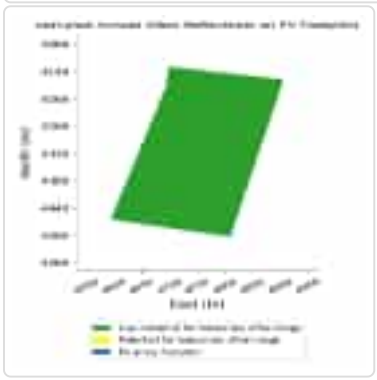
PV array is expected to produce the following glare for this receptor:

- 634 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





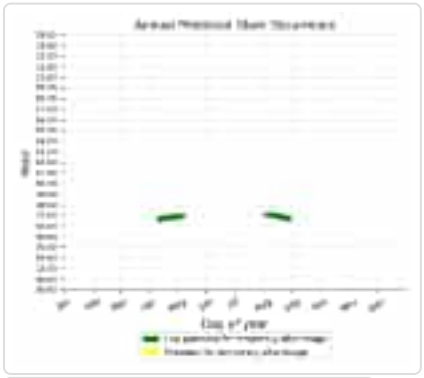


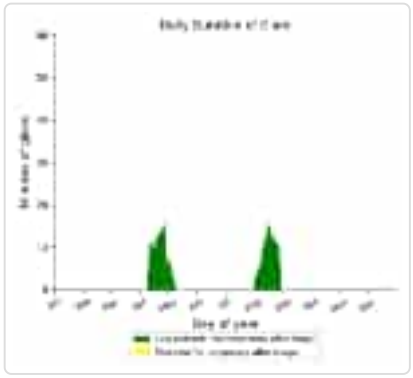


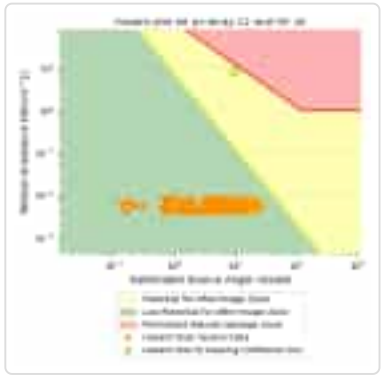
PV array 12: OP 36

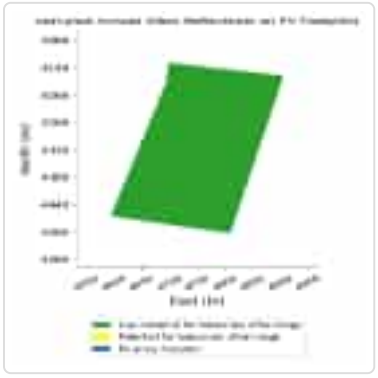
PV array is expected to produce the following glare for this receptor:

- 567 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





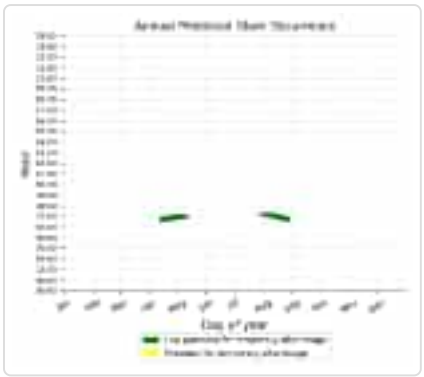


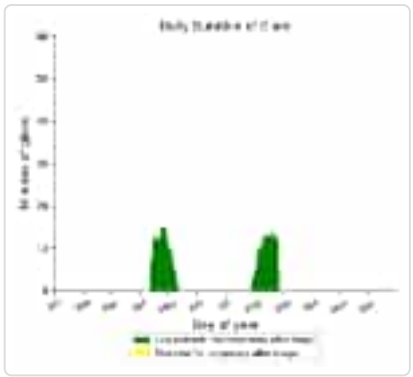


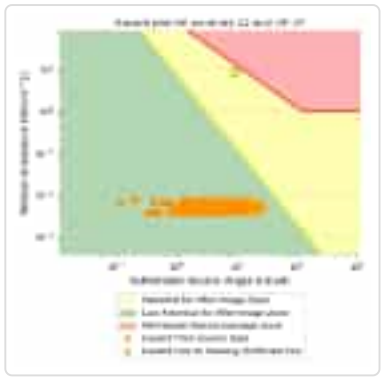
PV array 12: OP 37

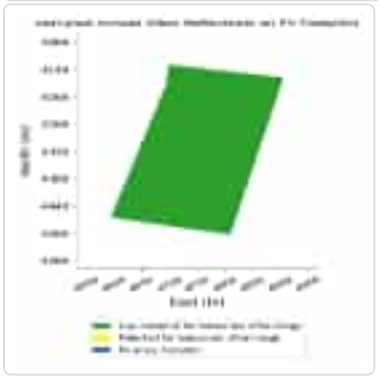
PV array is expected to produce the following glare for this receptor:

- 625 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





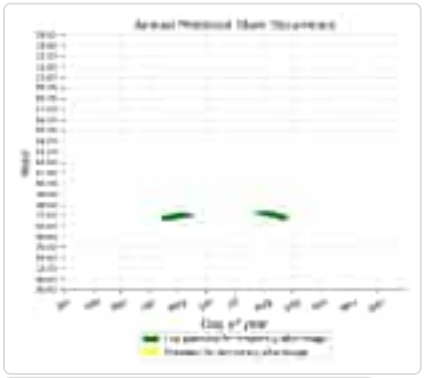


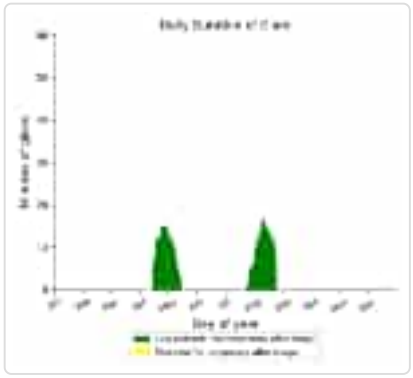


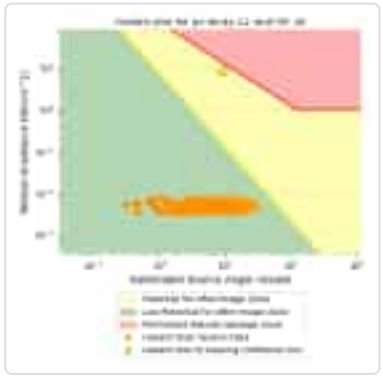
PV array 12: OP 38

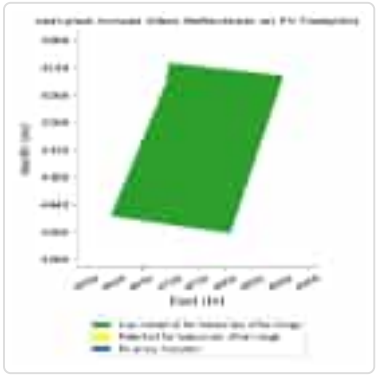
PV array is expected to produce the following glare for this receptor:

- 688 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





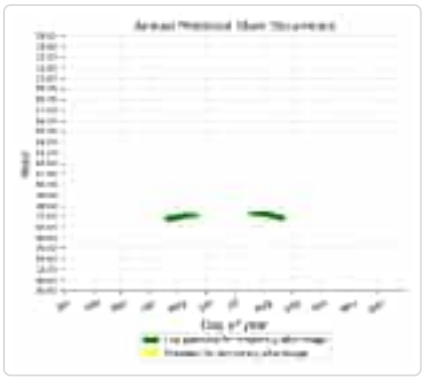


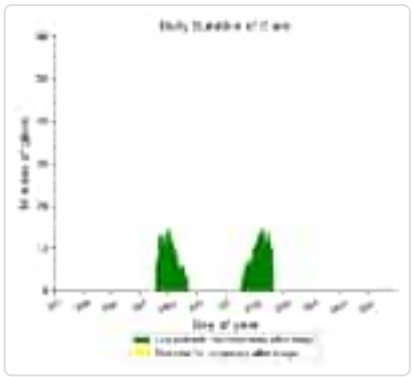


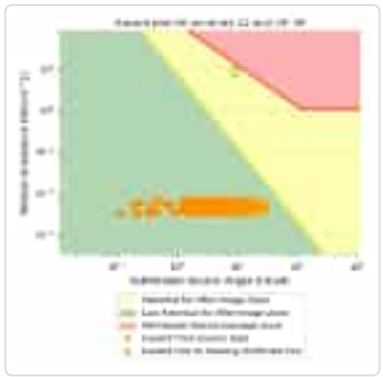
PV array 12: OP 39

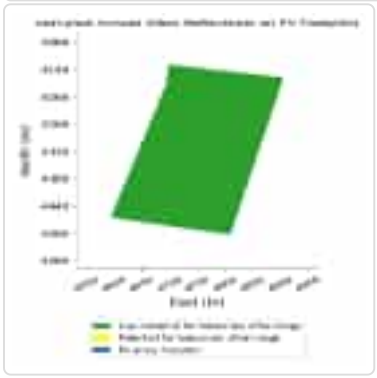
PV array is expected to produce the following glare for this receptor:

- 660 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





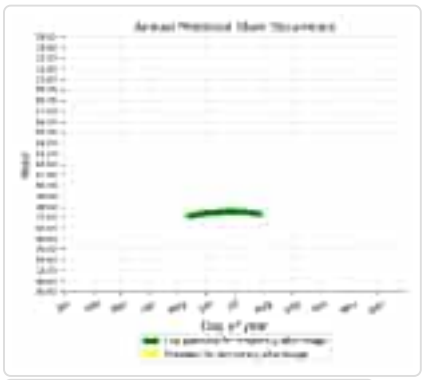


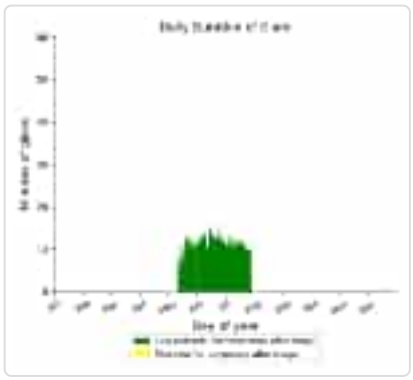


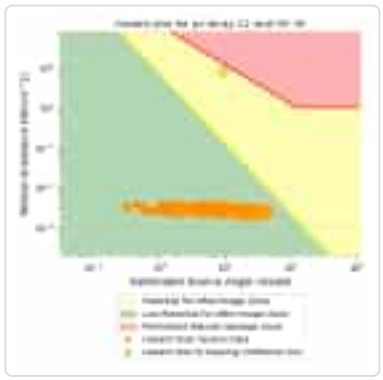
PV array 12: OP 40

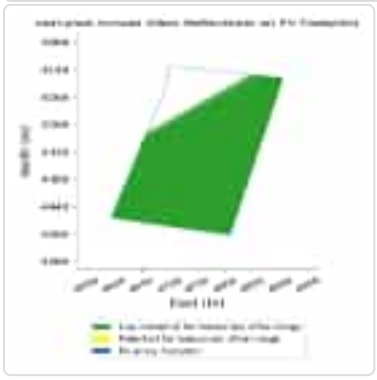
PV array is expected to produce the following glare for this receptor:

- 916 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12: OP 41

No glare found

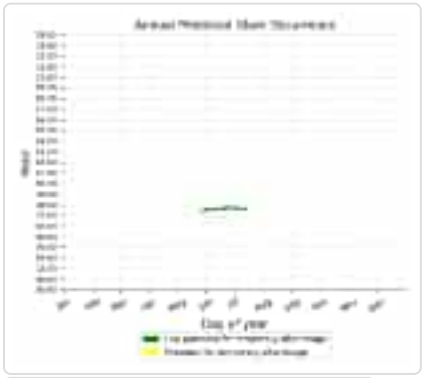
PV array 12: OP 42

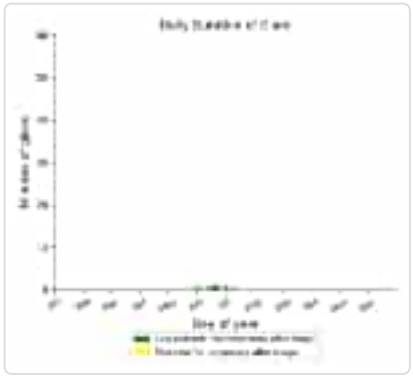
No glare found

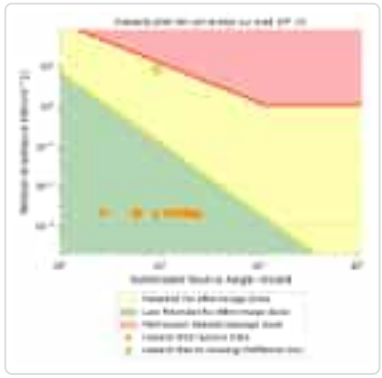
PV array 12: OP 43

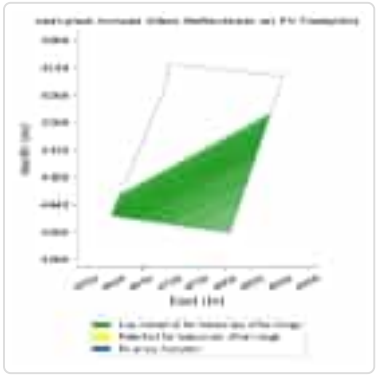
PV array is expected to produce the following glare for this receptor:

- 25 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





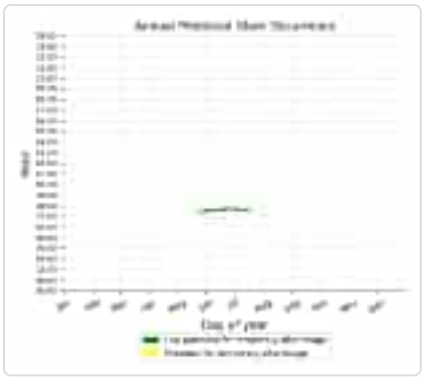


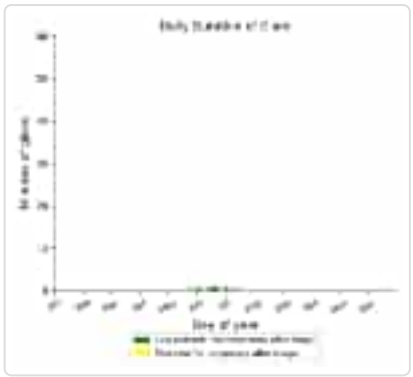


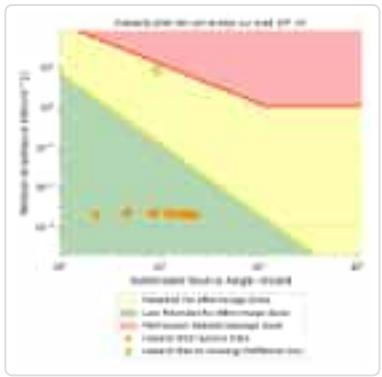
PV array 12: OP 44

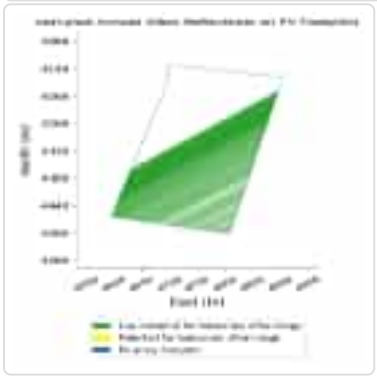
PV array is expected to produce the following glare for this receptor:

- 26 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









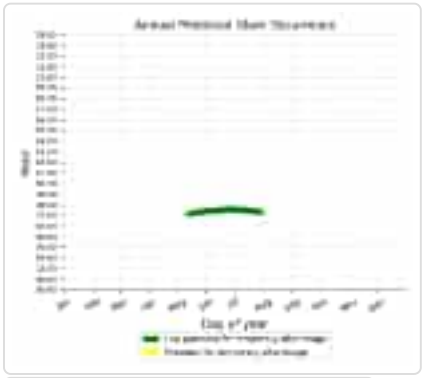
PV array 12: OP 45

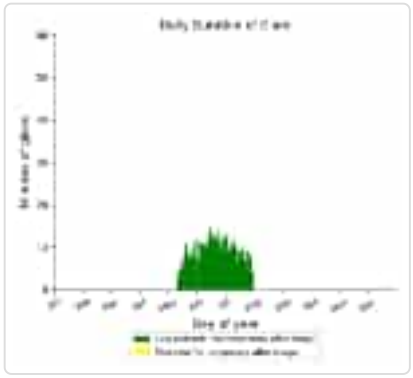
No glare found

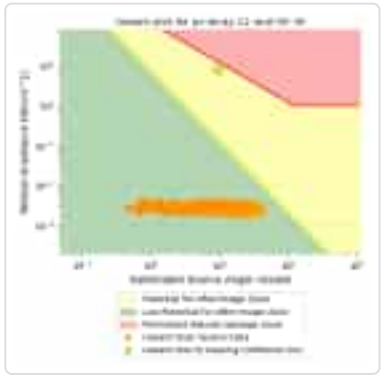
PV array 12: OP 46

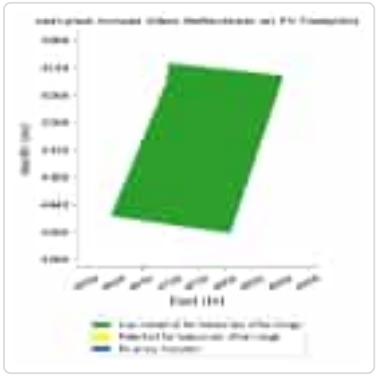
PV array is expected to produce the following glare for this receptor:

- 789 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





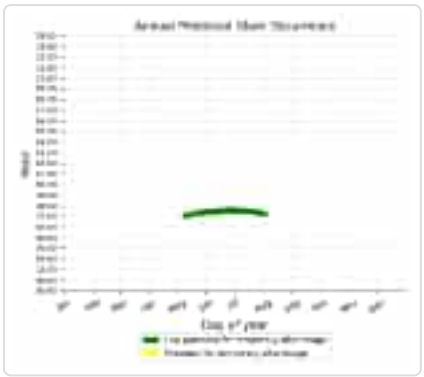


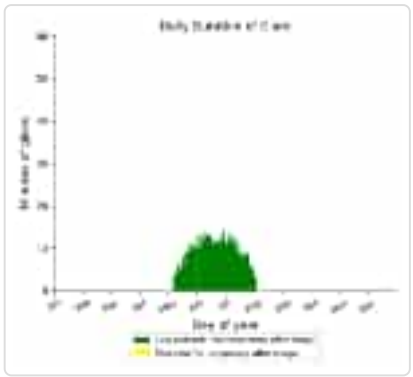


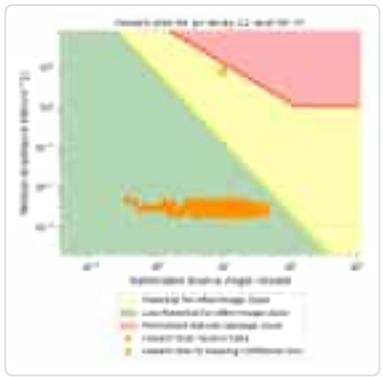
PV array 12: OP 47

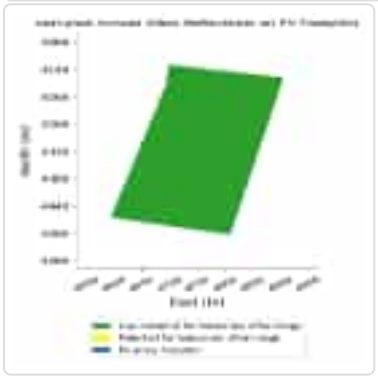
PV array is expected to produce the following glare for this receptor:

- 877 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





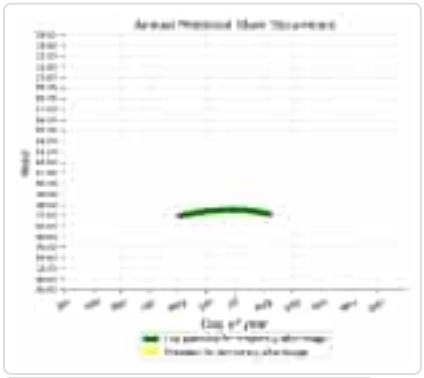


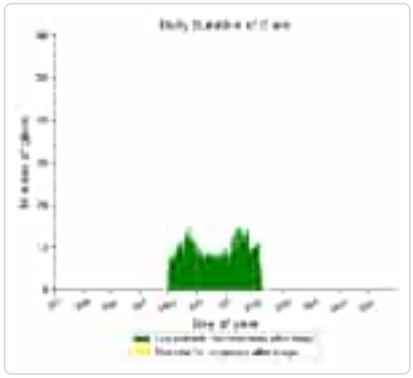


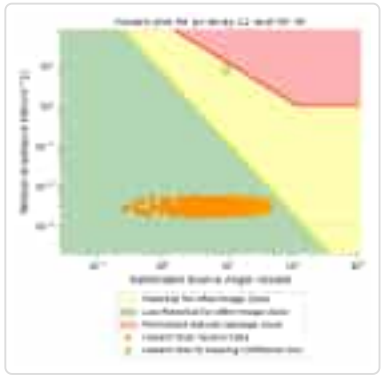
PV array 12: OP 48

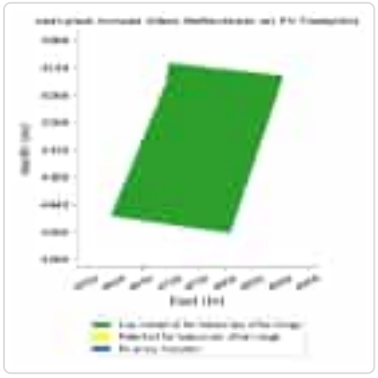
PV array is expected to produce the following glare for this receptor:

- 993 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





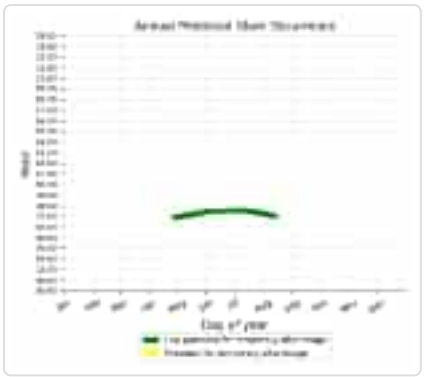


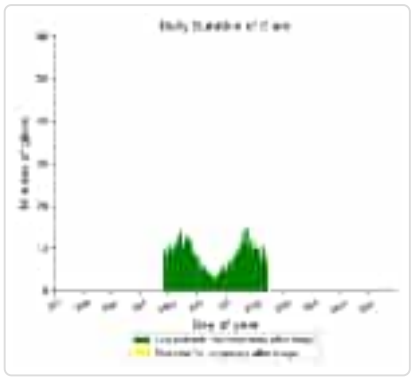


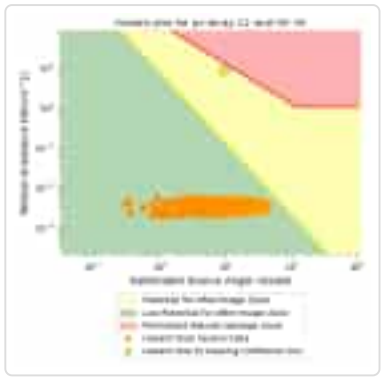
PV array 12: OP 49

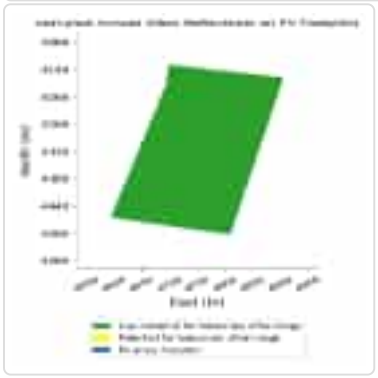
PV array is expected to produce the following glare for this receptor:

- 969 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





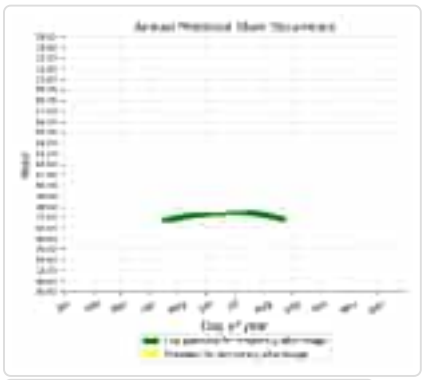


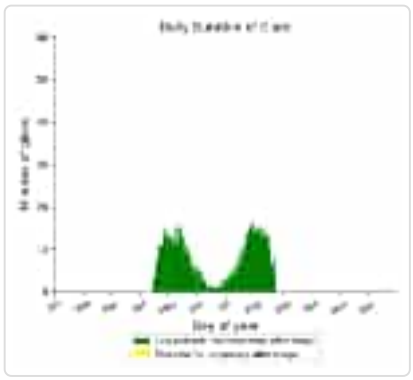


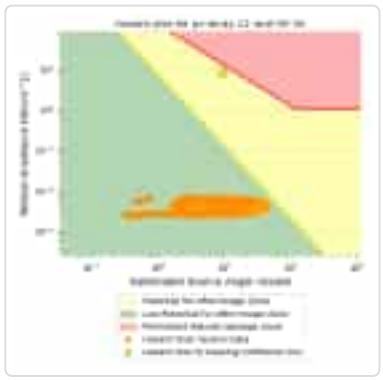
PV array 12: OP 50

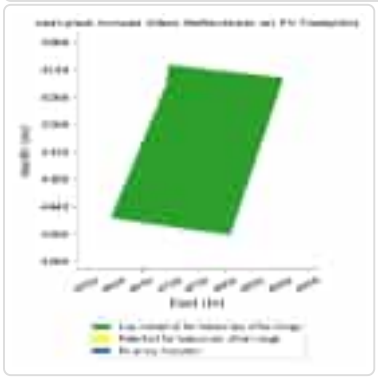
PV array is expected to produce the following glare for this receptor:

- 1,105 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





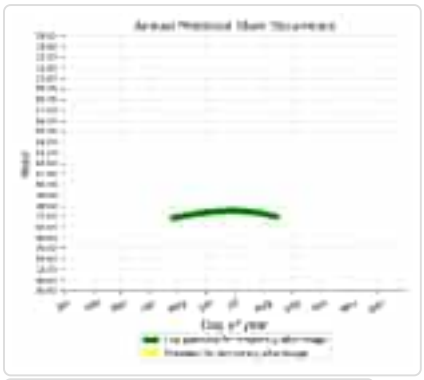


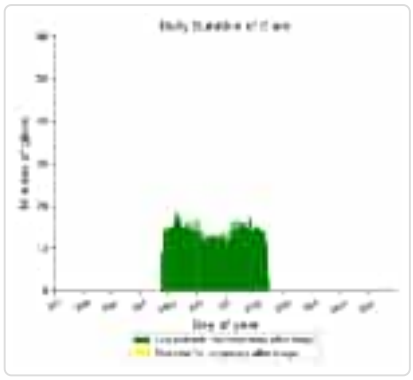


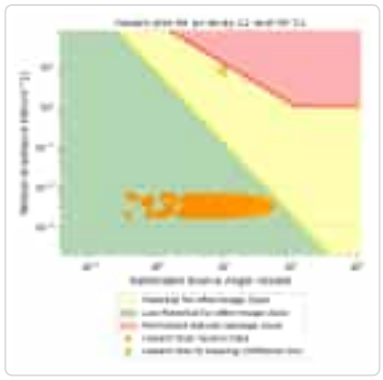
PV array 12: OP 51

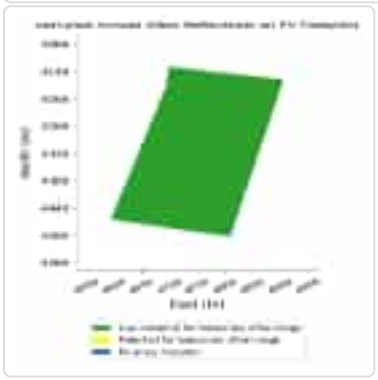
PV array is expected to produce the following glare for this receptor:

- 1,663 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





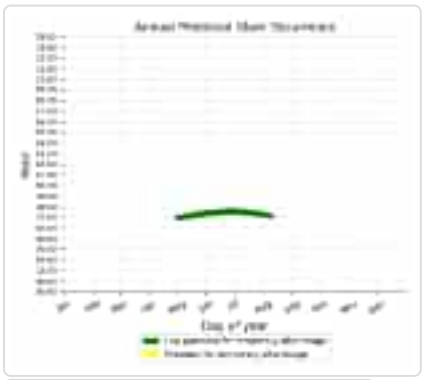


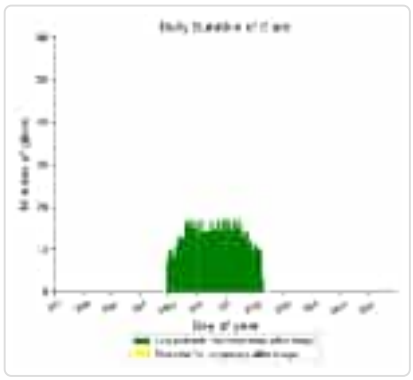


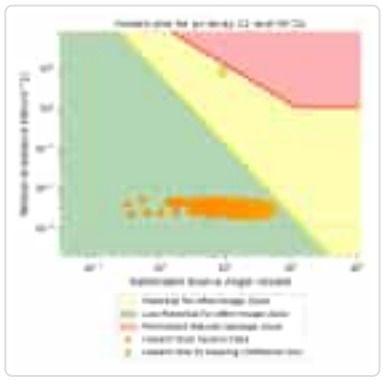
PV array 12: OP 52

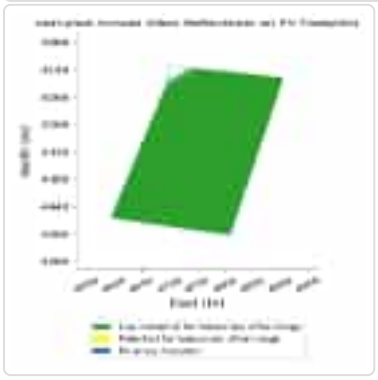
PV array is expected to produce the following glare for this receptor:

- 1,423 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





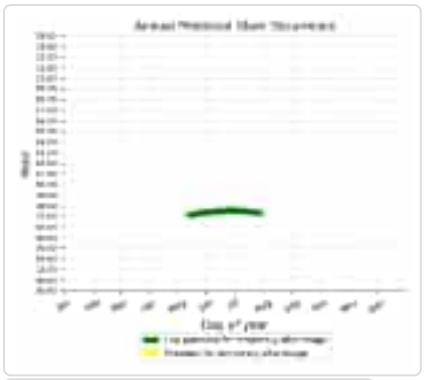


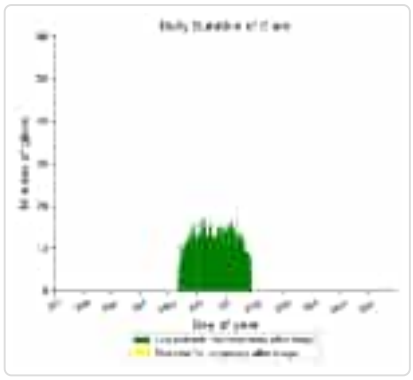


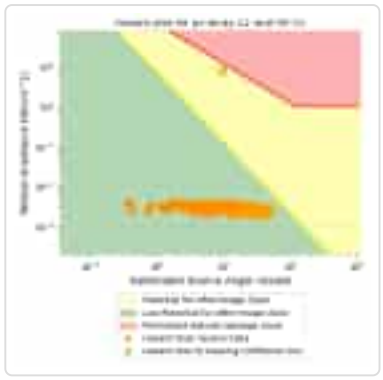
PV array 12: OP 53

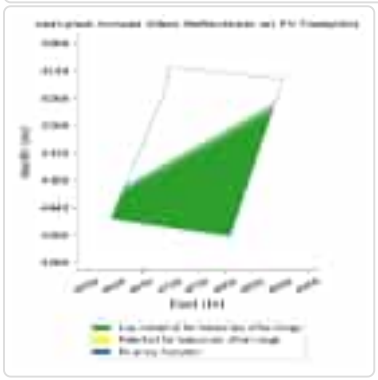
PV array is expected to produce the following glare for this receptor:

- 1,008 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





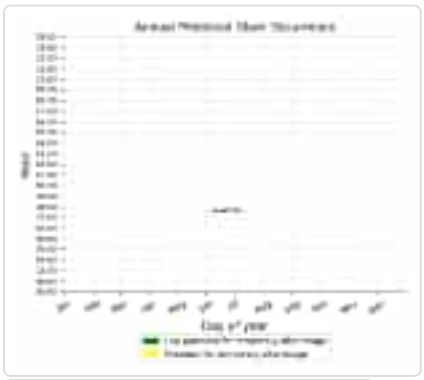


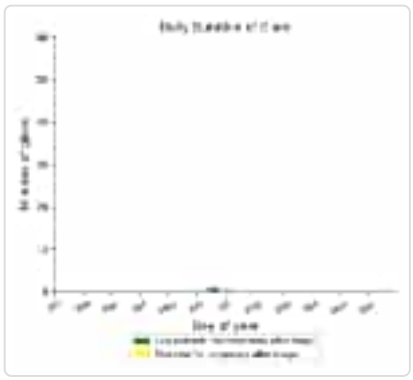


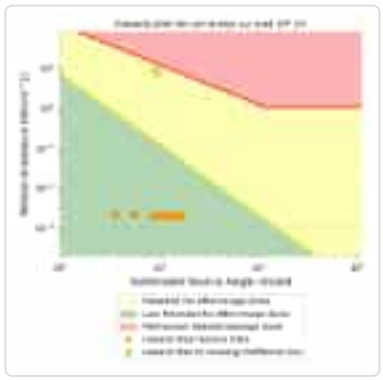
PV array 12: OP 54

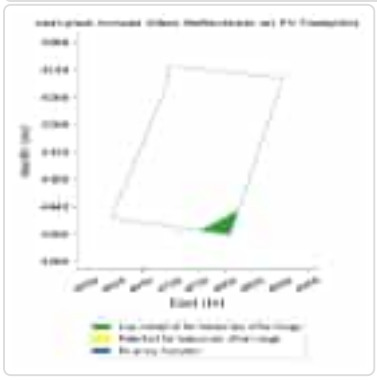
PV array is expected to produce the following glare for this receptor:

- 16 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12: OP 55

No glare found

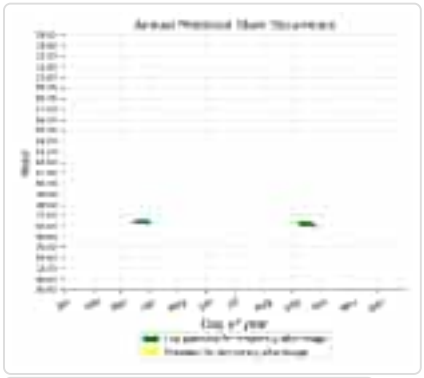
PV array 12: OP 56

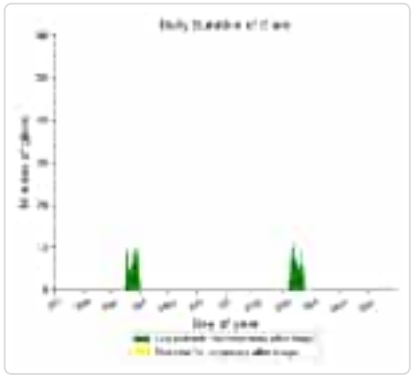
No glare found

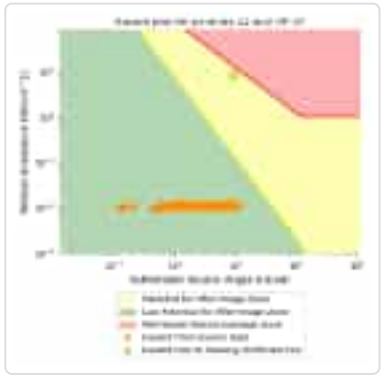
PV array 12: OP 57

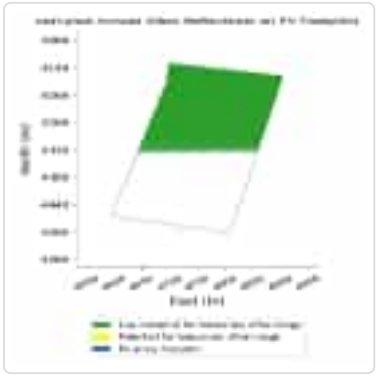
PV array is expected to produce the following glare for this receptor:

- 216 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





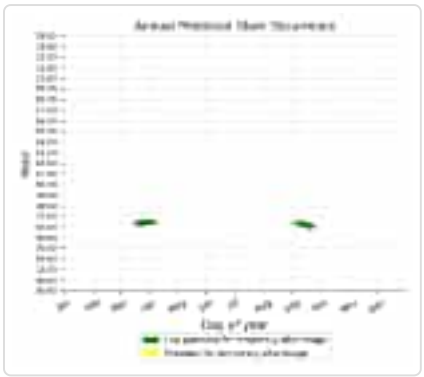


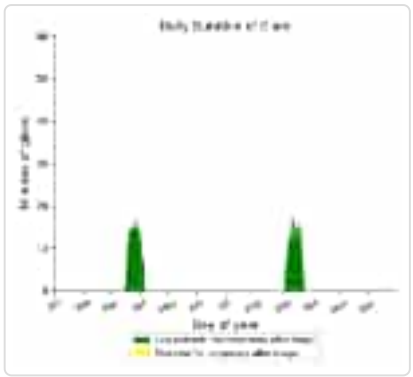


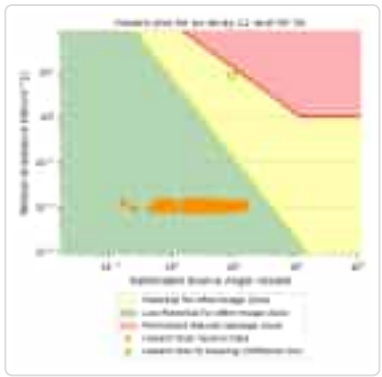
PV array 12: OP 58

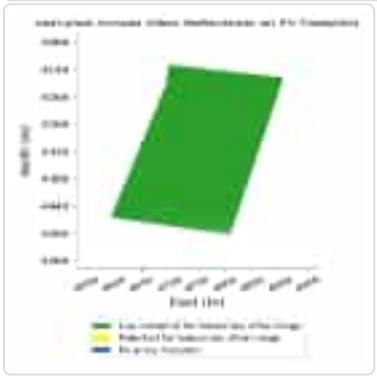
PV array is expected to produce the following glare for this receptor:

- 514 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





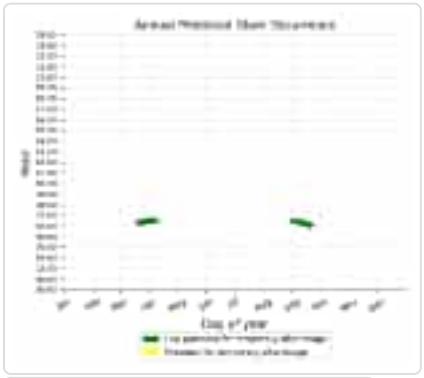


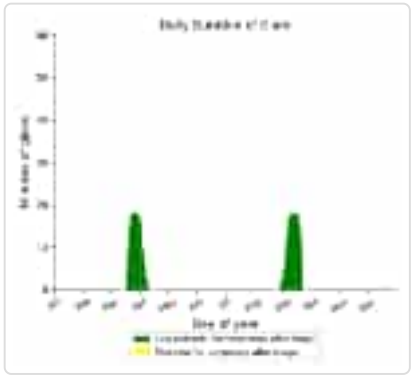


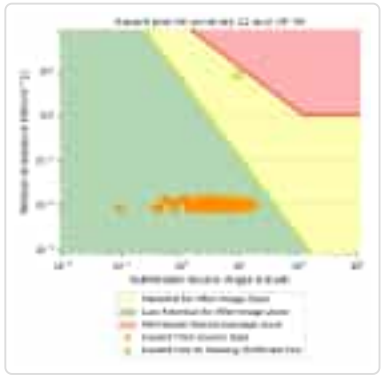
PV array 12: OP 59

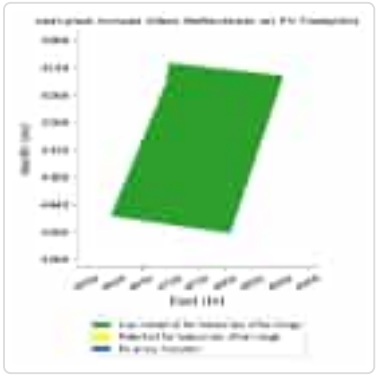
PV array is expected to produce the following glare for this receptor:

- 620 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





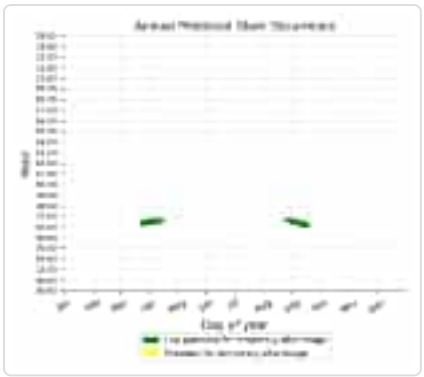


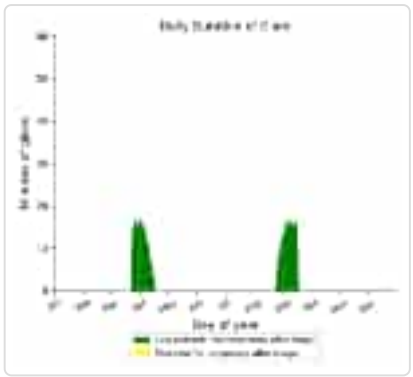


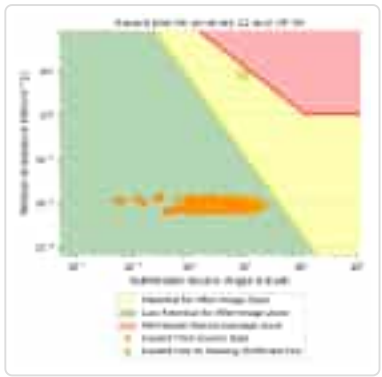
PV array 12: OP 60

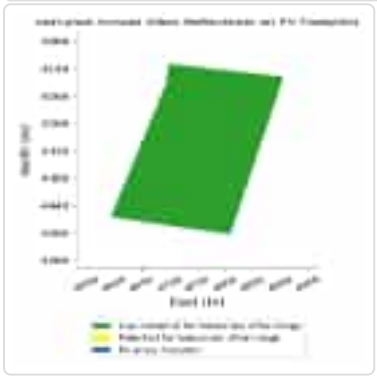
PV array is expected to produce the following glare for this receptor:

- 638 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





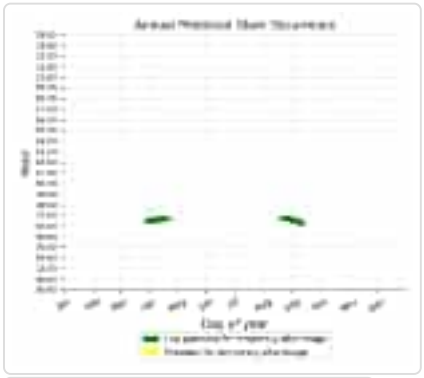


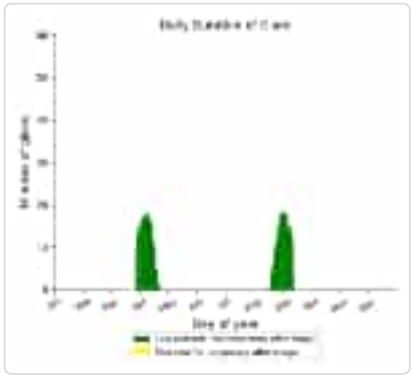


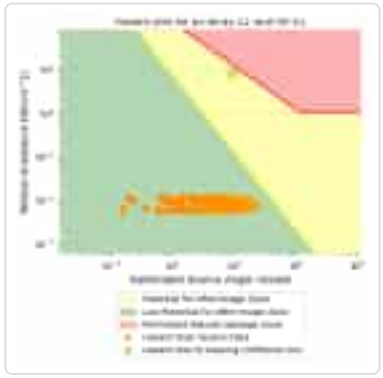
PV array 12: OP 61

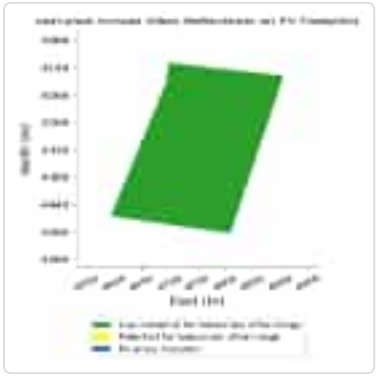
PV array is expected to produce the following glare for this receptor:

- 680 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





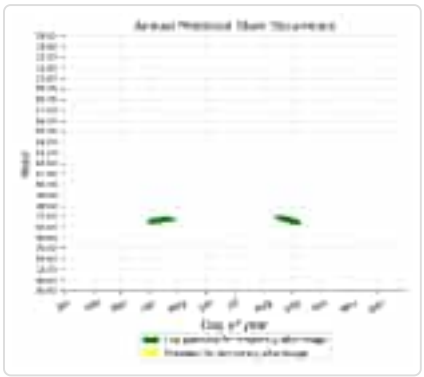


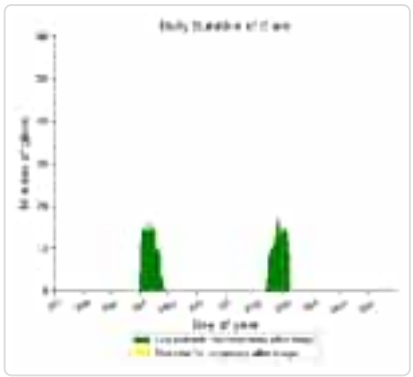


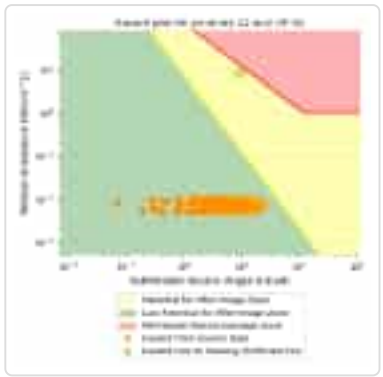
PV array 12: OP 62

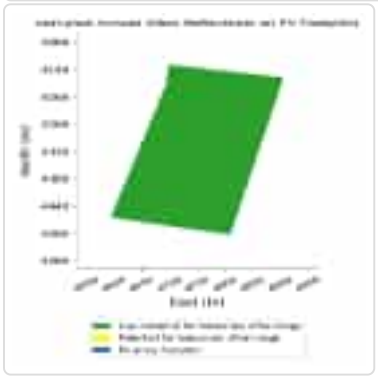
PV array is expected to produce the following glare for this receptor:

- 610 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





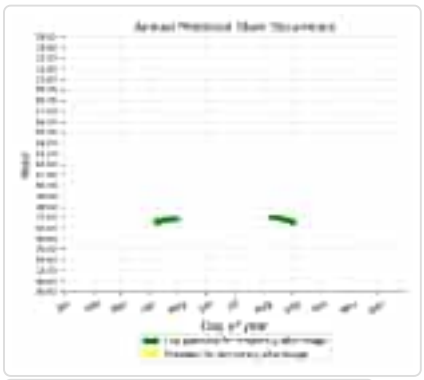


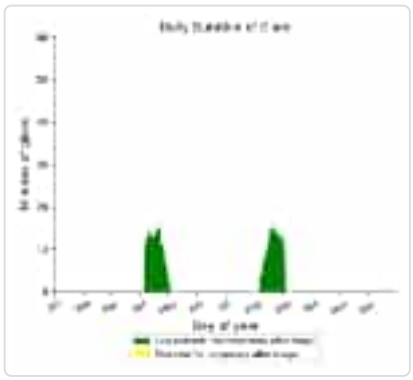


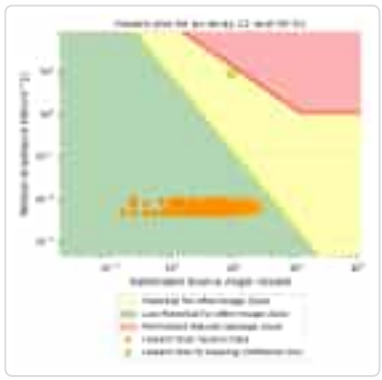
PV array 12: OP 63

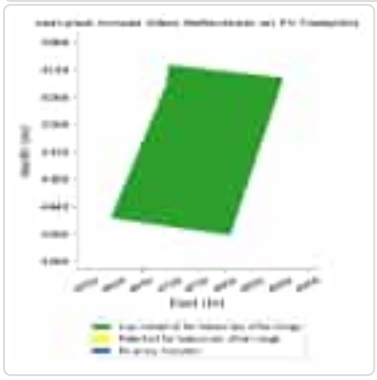
PV array is expected to produce the following glare for this receptor:

- 623 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





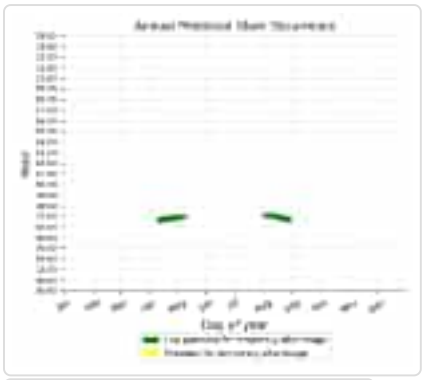


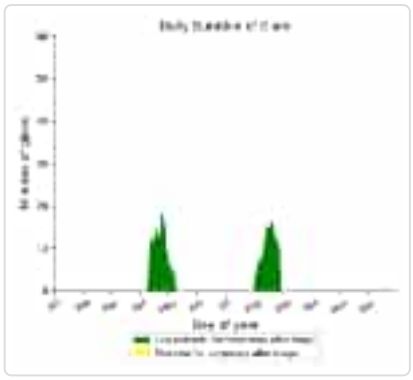


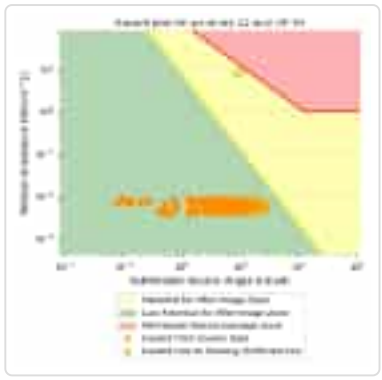
PV array 12: OP 64

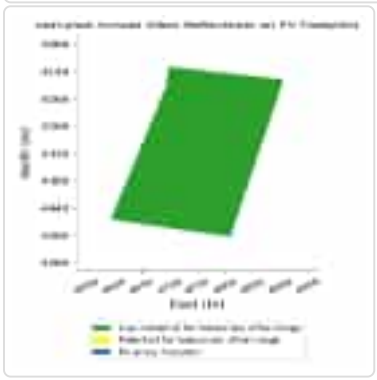
PV array is expected to produce the following glare for this receptor:

- 625 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 13 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)

OP: OP 1	0	0
OP: OP 2	863	0
OP: OP 3	1770	0
OP: OP 4	2831	0
OP: OP 5	3351	47
OP: OP 6	3248	434
OP: OP 7	3242	679
OP: OP 8	3826	130
OP: OP 9	3252	0
OP: OP 10	740	0
OP: OP 11	0	0
OP: OP 12	883	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	1152	105
OP: OP 24	2299	69
OP: OP 25	2812	319
OP: OP 26	3076	474
OP: OP 27	2851	1101
OP: OP 28	3604	1947
OP: OP 29	39832	4063
OP: OP 30	55781	4032
OP: OP 31	72420	3921
OP: OP 32	88162	0
OP: OP 33	6517	0
OP: OP 34	1511	0
OP: OP 35	3656	686
OP: OP 36	3809	694
OP: OP 37	4004	349
OP: OP 38	4291	0
OP: OP 39	3196	0
OP: OP 40	3352	409
OP: OP 41	3458	142
OP: OP 42	3583	0
OP: OP 43	0	0
OP: OP 44	1512	0
OP: OP 45	2822	0
OP: OP 46	3612	0
OP: OP 47	3930	320
OP: OP 48	3168	876
OP: OP 49	3139	629
OP: OP 50	3342	187
OP: OP 51	3541	0
OP: OP 52	3175	0
OP: OP 53	3306	0
OP: OP 54	3002	0

OP: OP 55	2310	0
OP: OP 56	159	0
OP: OP 57	1187	175
OP: OP 58	2027	734
OP: OP 59	3154	965
OP: OP 60	3436	1025
OP: OP 61	3545	1098
OP: OP 62	3403	1322
OP: OP 63	3458	1668
OP: OP 64	3810	1230

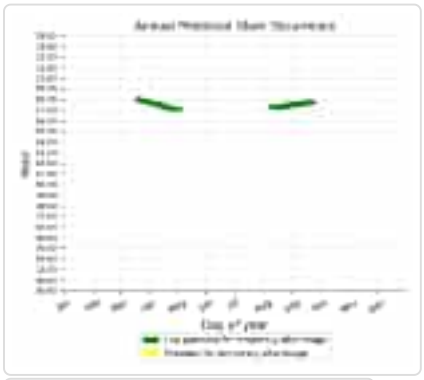
PV array 13: OP 1

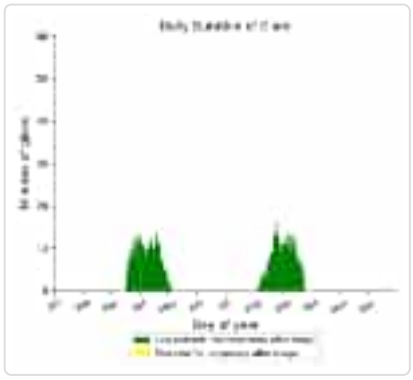
No glare found

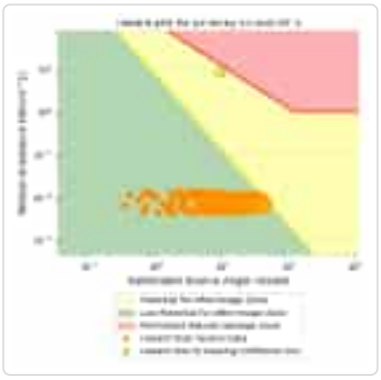
PV array 13: OP 2

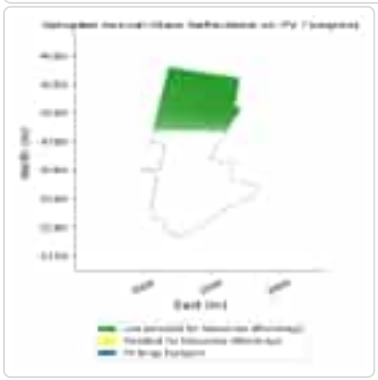
PV array is expected to produce the following glare for this receptor:

- 863 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





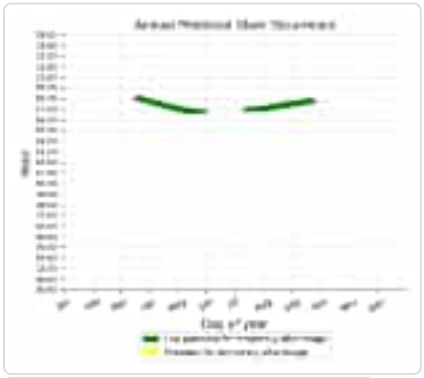


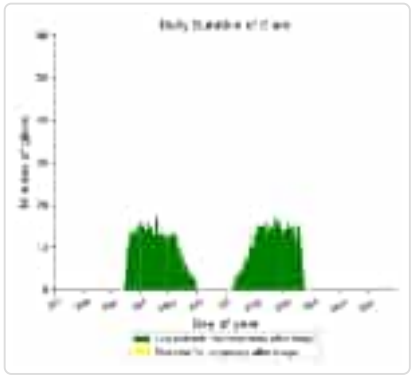


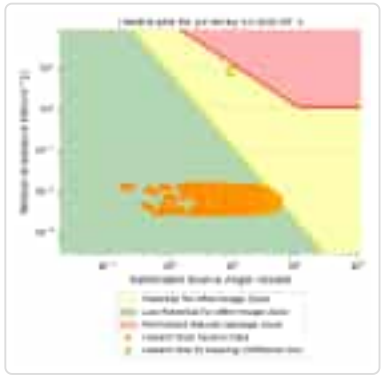
PV array 13: OP 3

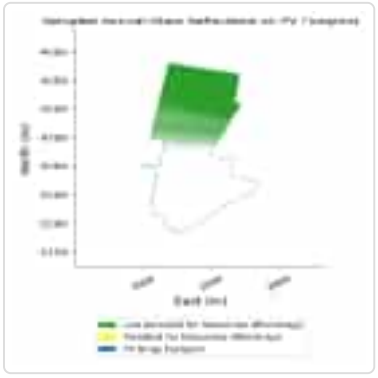
PV array is expected to produce the following glare for this receptor:

- 1,770 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





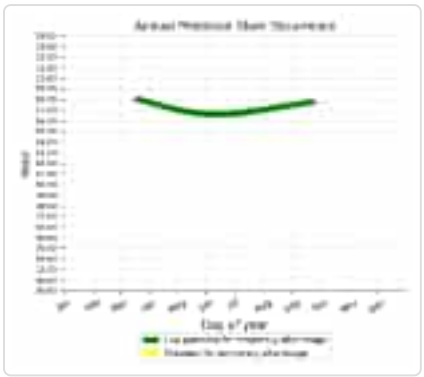


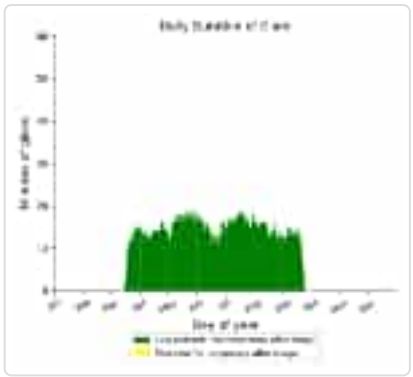


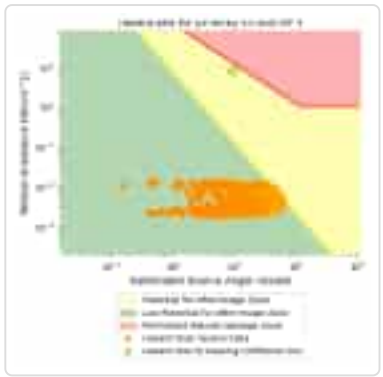
PV array 13: OP 4

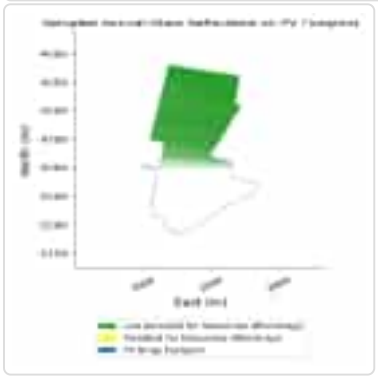
PV array is expected to produce the following glare for this receptor:

- 2,831 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





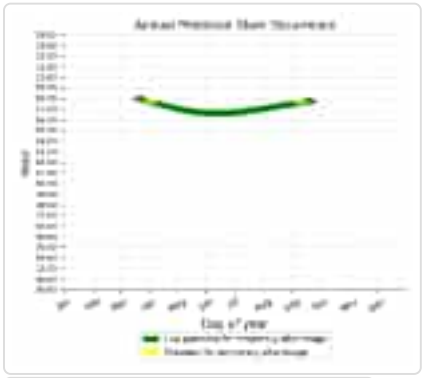


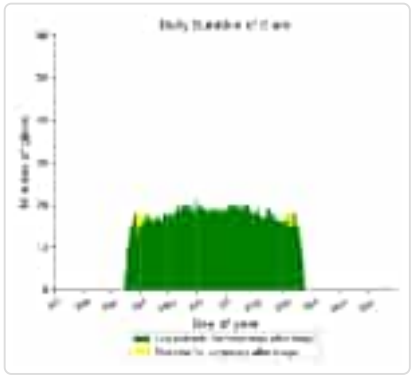


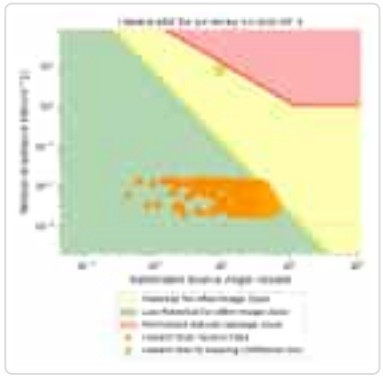
PV array 13: OP 5

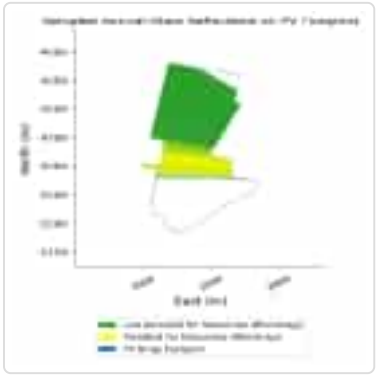
PV array is expected to produce the following glare for this receptor:

- 3,351 minutes of "green" glare with low potential to cause temporary after-image.
- 47 minutes of "yellow" glare with potential to cause temporary after-image.





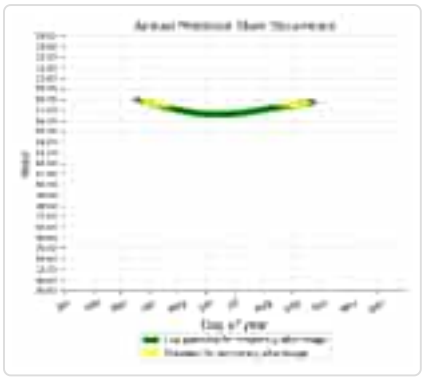


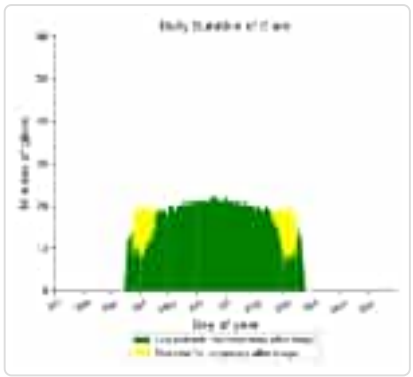


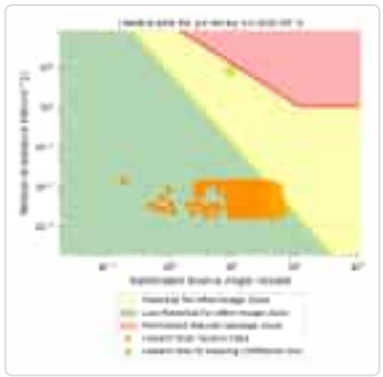
PV array 13: OP 6

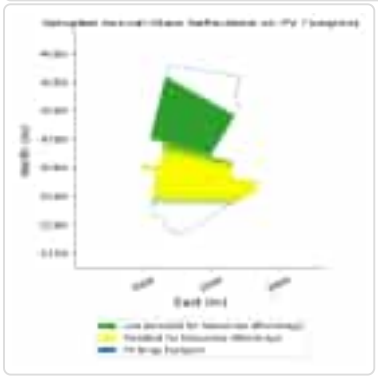
PV array is expected to produce the following glare for this receptor:

- 3,248 minutes of "green" glare with low potential to cause temporary after-image.
- 434 minutes of "yellow" glare with potential to cause temporary after-image.





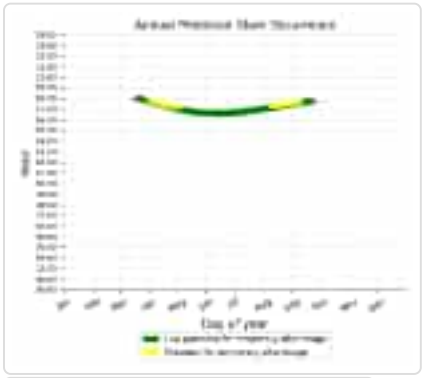


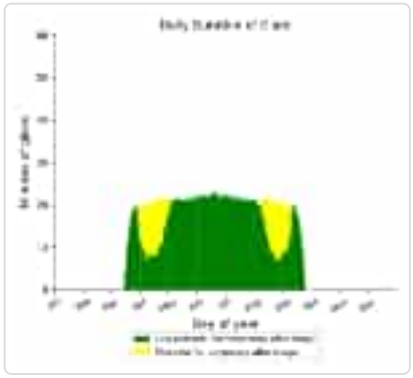


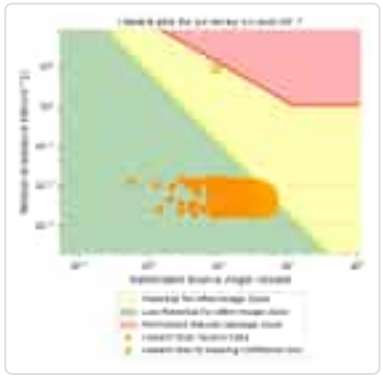
PV array 13: OP 7

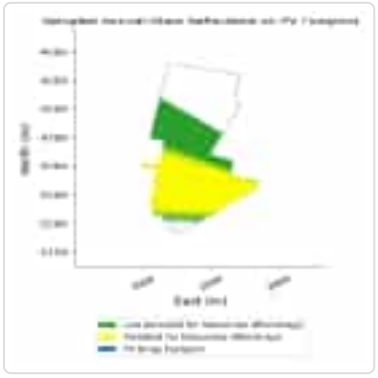
PV array is expected to produce the following glare for this receptor:

- 3,242 minutes of "green" glare with low potential to cause temporary after-image.
- 679 minutes of "yellow" glare with potential to cause temporary after-image.





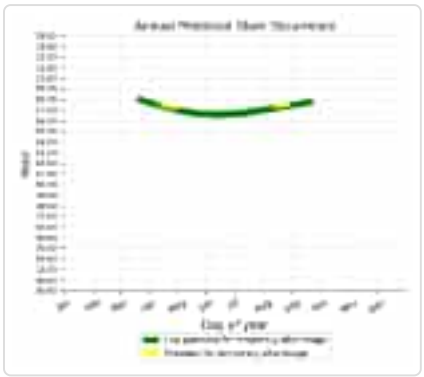


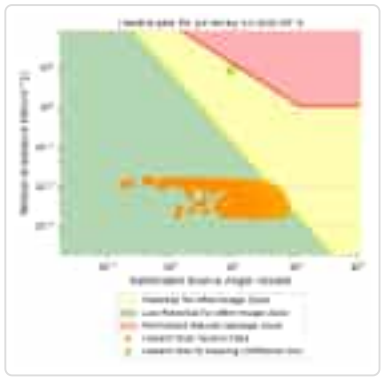


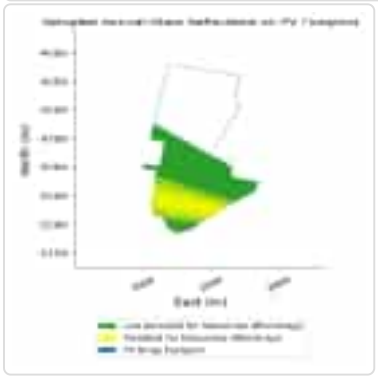
PV array 13: OP 8

PV array is expected to produce the following glare for this receptor:

- 3,826 minutes of "green" glare with low potential to cause temporary after-image.
- 130 minutes of "yellow" glare with potential to cause temporary after-image.



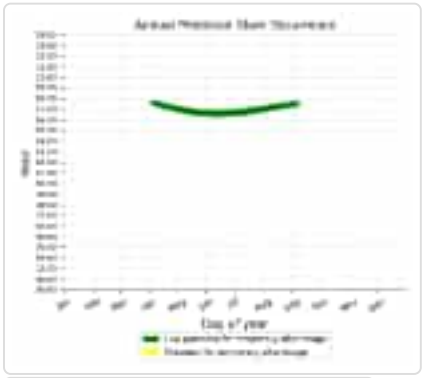


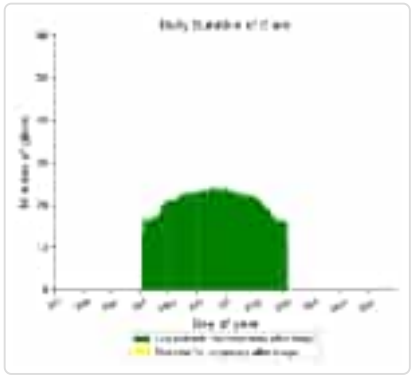


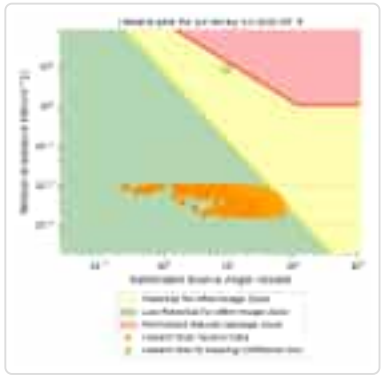
PV array 13: OP 9

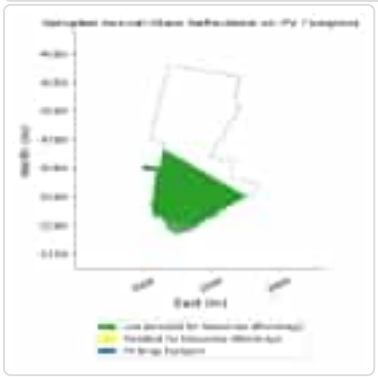
PV array is expected to produce the following glare for this receptor:

- 3,252 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





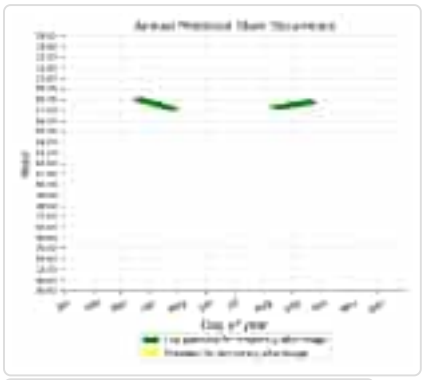


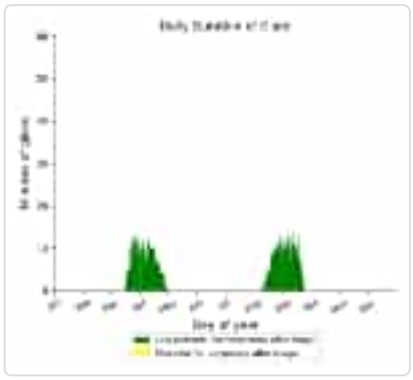


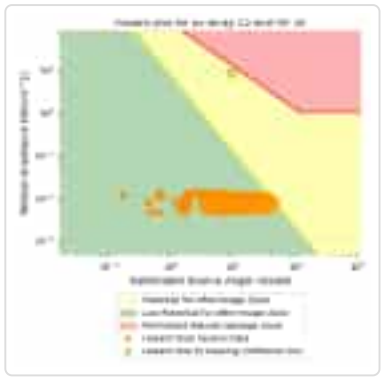
PV array 13: OP 10

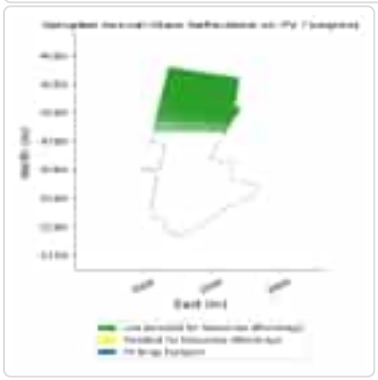
PV array is expected to produce the following glare for this receptor:

- 740 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









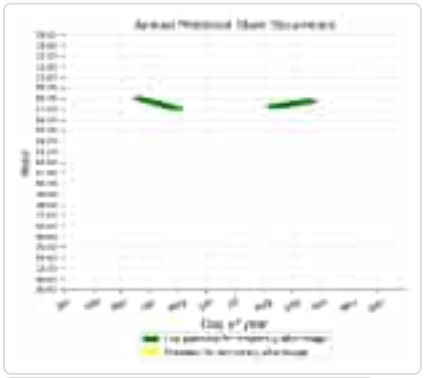
PV array 13: OP 11

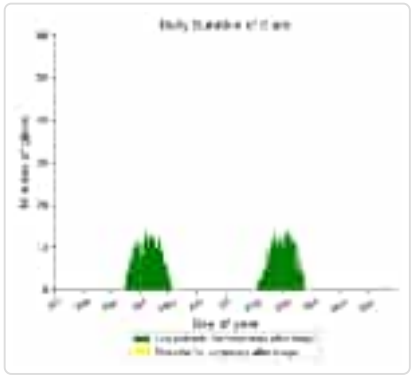
No glare found

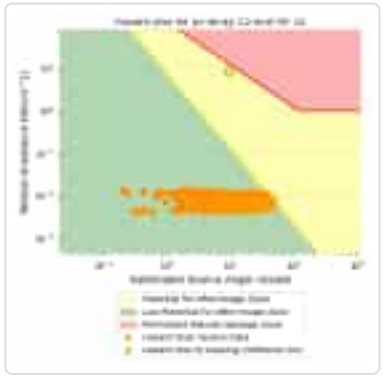
PV array 13: OP 12

PV array is expected to produce the following glare for this receptor:

- 883 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 13: OP 13

No glare found

PV array 13: OP 14

No glare found

PV array 13: OP 15

No glare found

PV array 13: OP 16

No glare found

PV array 13: OP 17

No glare found

PV array 13: OP 18

No glare found

PV array 13: OP 19

No glare found

PV array 13: OP 20

No glare found

PV array 13: OP 21

No glare found

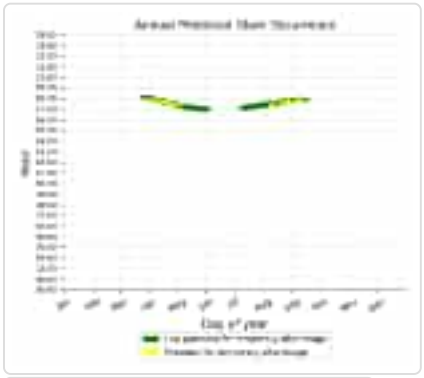
PV array 13: OP 22

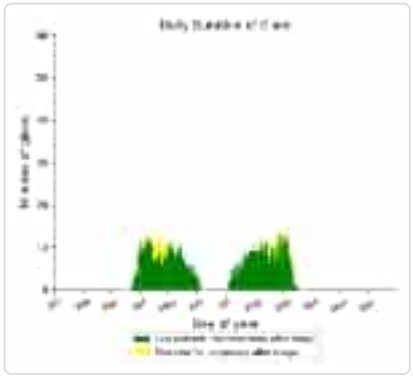
No glare found

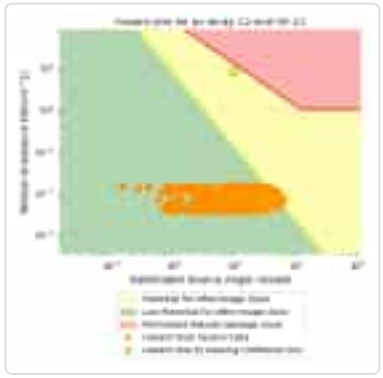
PV array 13: OP 23

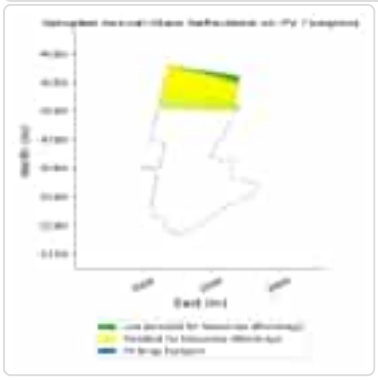
PV array is expected to produce the following glare for this receptor:

- 1,152 minutes of "green" glare with low potential to cause temporary after-image.
- 105 minutes of "yellow" glare with potential to cause temporary after-image.





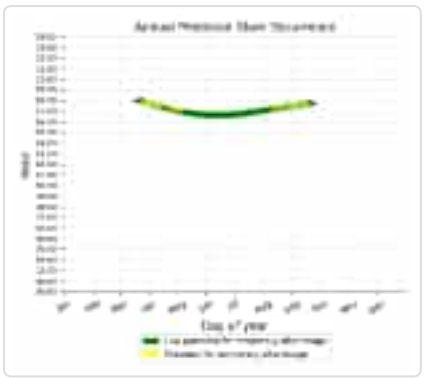


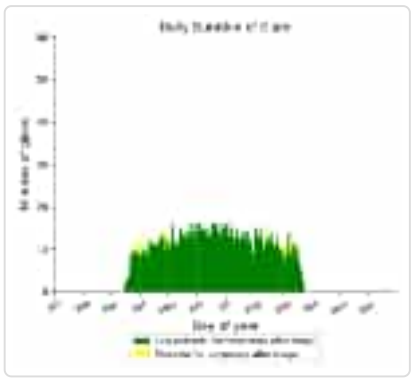


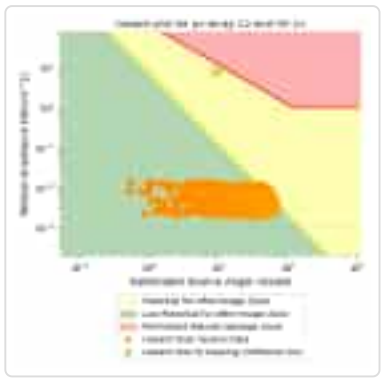
PV array 13: OP 24

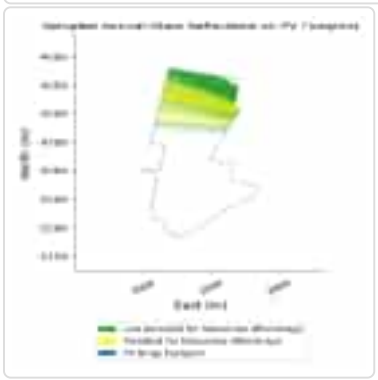
PV array is expected to produce the following glare for this receptor:

- 2,299 minutes of "green" glare with low potential to cause temporary after-image.
- 69 minutes of "yellow" glare with potential to cause temporary after-image.





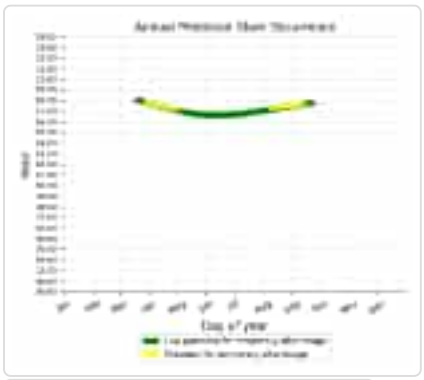


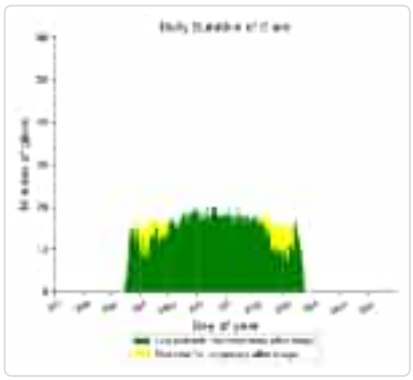


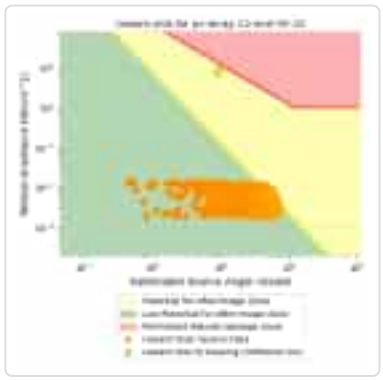
PV array 13: OP 25

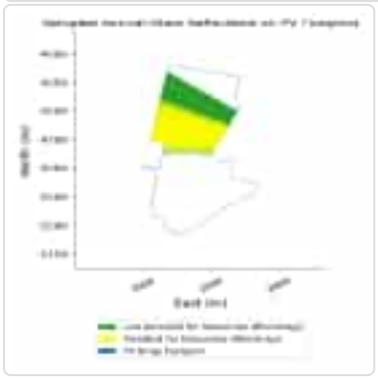
PV array is expected to produce the following glare for this receptor:

- 2,812 minutes of "green" glare with low potential to cause temporary after-image.
- 319 minutes of "yellow" glare with potential to cause temporary after-image.





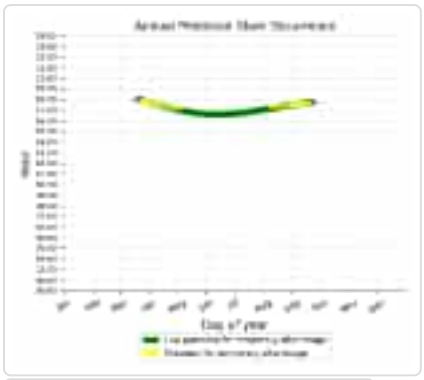


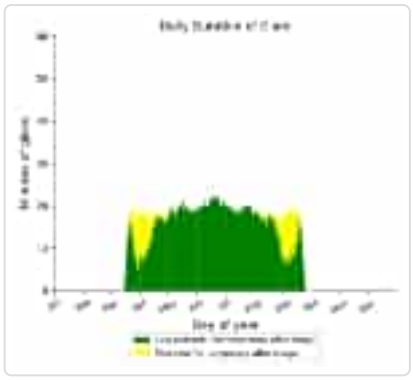


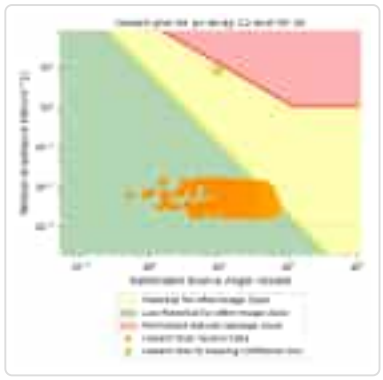
PV array 13: OP 26

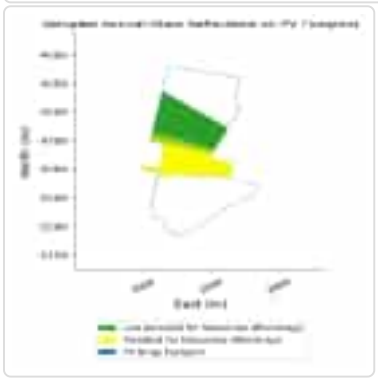
PV array is expected to produce the following glare for this receptor:

- 3,076 minutes of "green" glare with low potential to cause temporary after-image.
- 474 minutes of "yellow" glare with potential to cause temporary after-image.





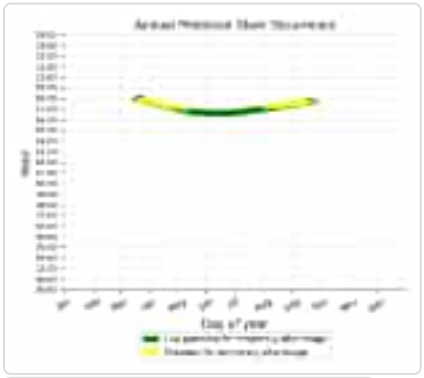


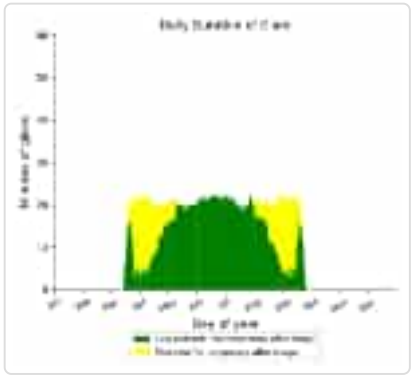


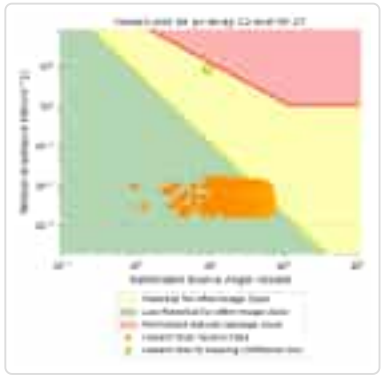
PV array 13: OP 27

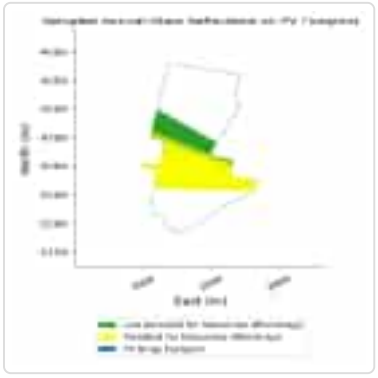
PV array is expected to produce the following glare for this receptor:

- 2,851 minutes of "green" glare with low potential to cause temporary after-image.
- 1,101 minutes of "yellow" glare with potential to cause temporary after-image.





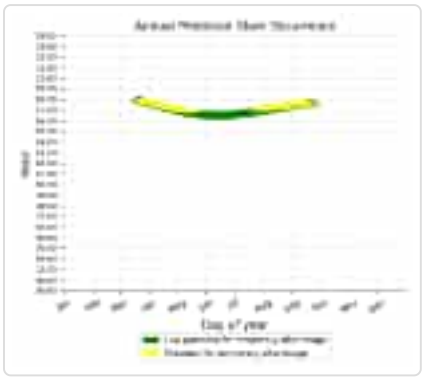


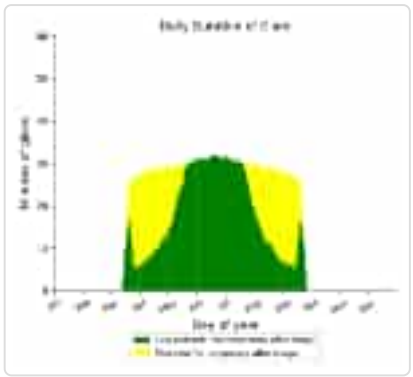


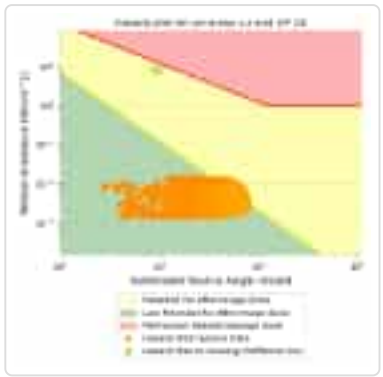
PV array 13: OP 28

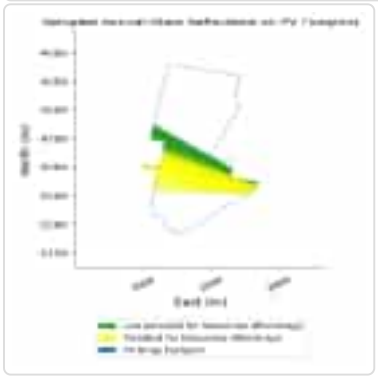
PV array is expected to produce the following glare for this receptor:

- 3,604 minutes of "green" glare with low potential to cause temporary after-image.
- 1,947 minutes of "yellow" glare with potential to cause temporary after-image.





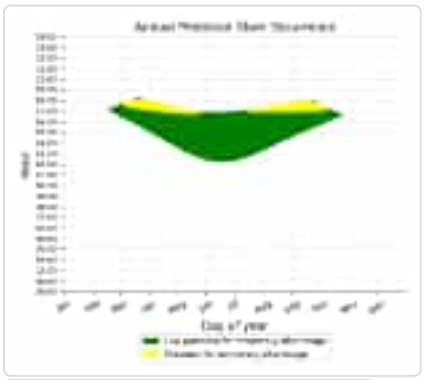


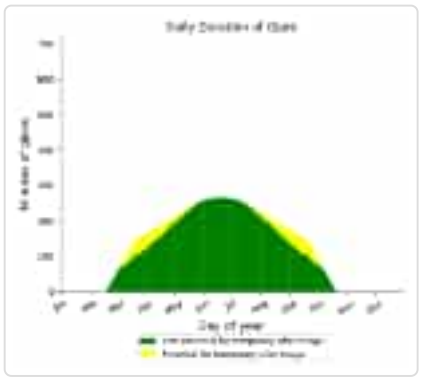


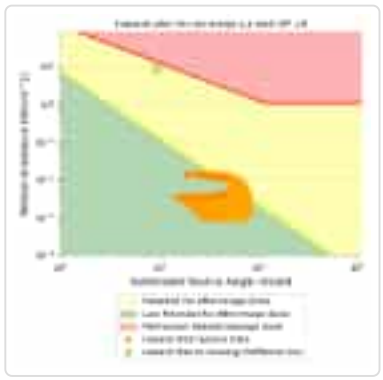
PV array 13: OP 29

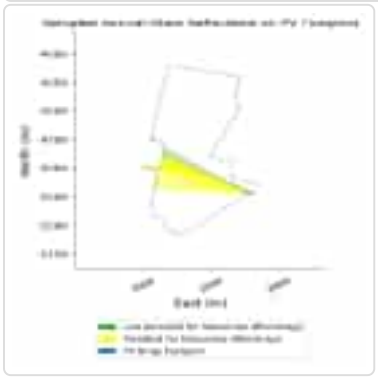
PV array is expected to produce the following glare for this receptor:

- 39,832 minutes of "green" glare with low potential to cause temporary after-image.
- 4,063 minutes of "yellow" glare with potential to cause temporary after-image.





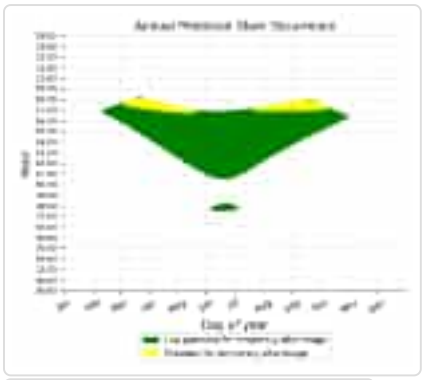


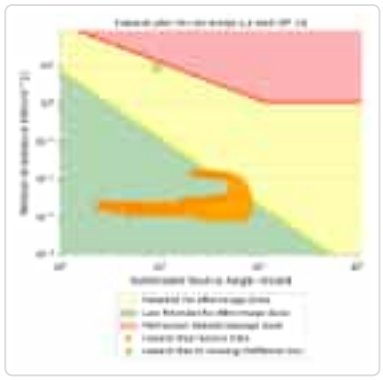


PV array 13: OP 30

PV array is expected to produce the following glare for this receptor:

- 55,781 minutes of "green" glare with low potential to cause temporary after-image.
- 4,032 minutes of "yellow" glare with potential to cause temporary after-image.

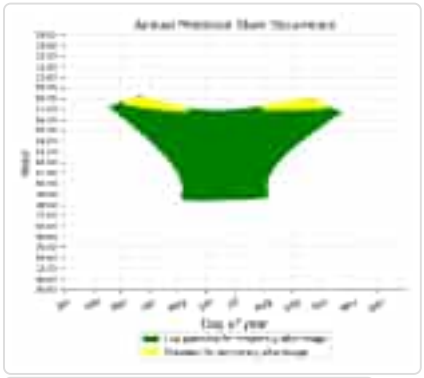


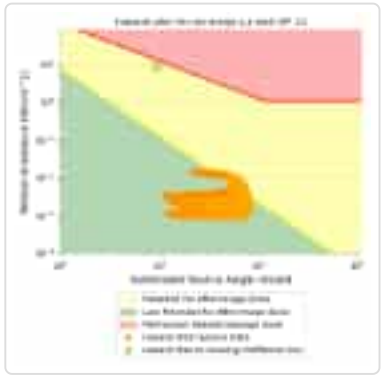


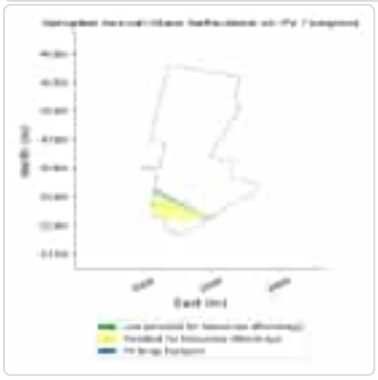
PV array 13: OP 31

PV array is expected to produce the following glare for this receptor:

- 72,420 minutes of "green" glare with low potential to cause temporary after-image.
- 3,921 minutes of "yellow" glare with potential to cause temporary after-image.



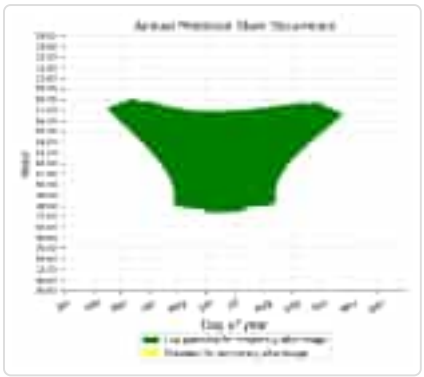


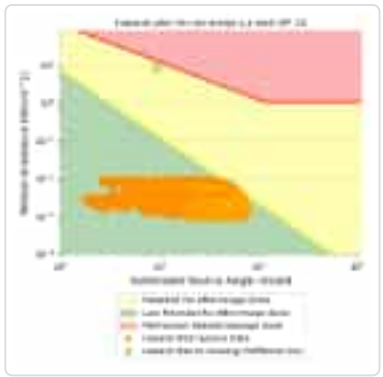


PV array 13: OP 32

PV array is expected to produce the following glare for this receptor:

- 88,162 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

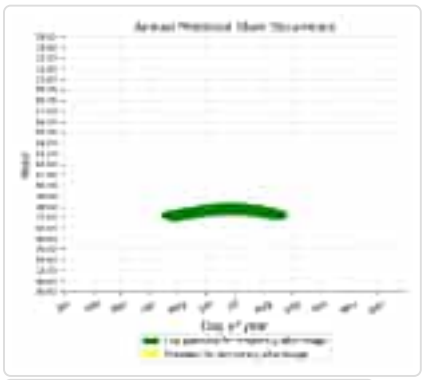


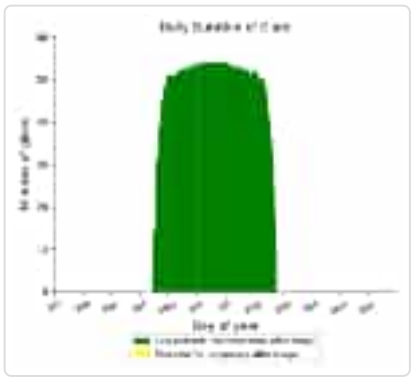


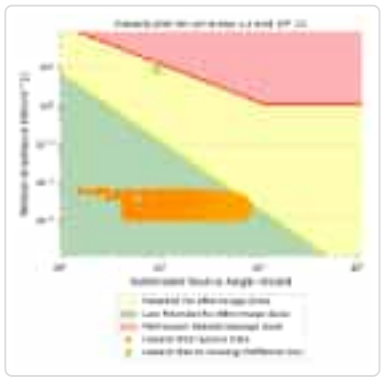
PV array 13: OP 33

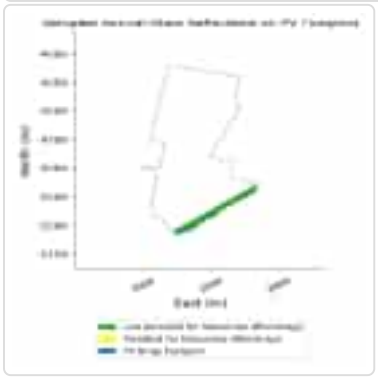
PV array is expected to produce the following glare for this receptor:

- 6,517 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





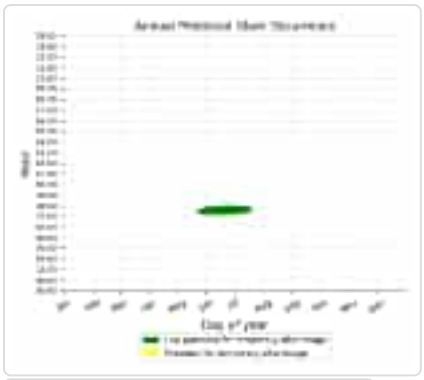


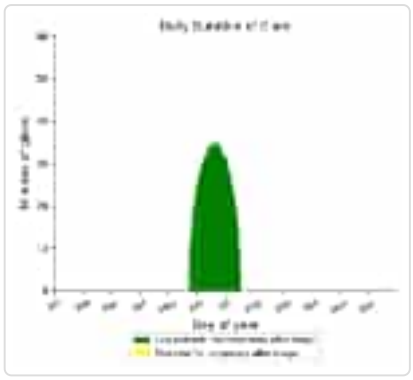


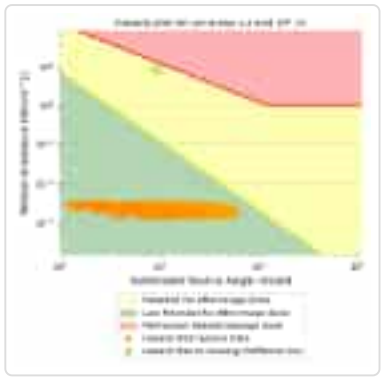
PV array 13: OP 34

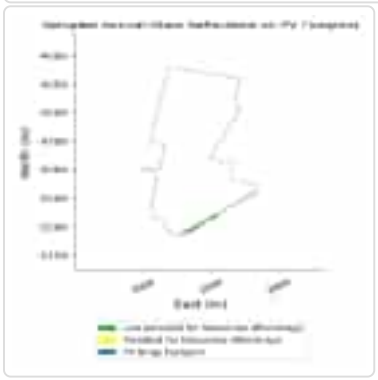
PV array is expected to produce the following glare for this receptor:

- 1,511 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





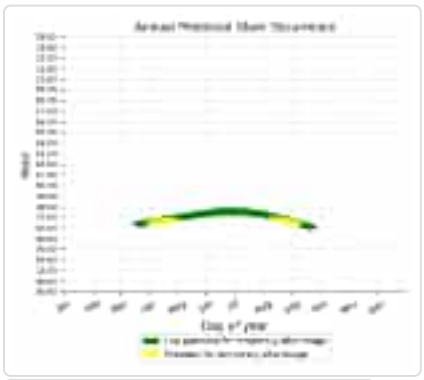


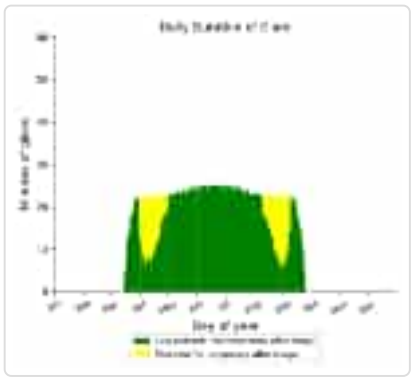


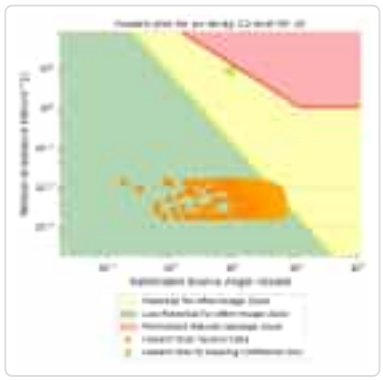
PV array 13: OP 35

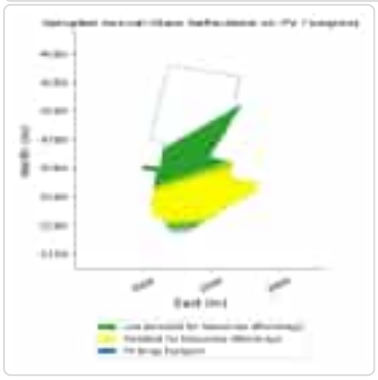
PV array is expected to produce the following glare for this receptor:

- 3,656 minutes of "green" glare with low potential to cause temporary after-image.
- 686 minutes of "yellow" glare with potential to cause temporary after-image.





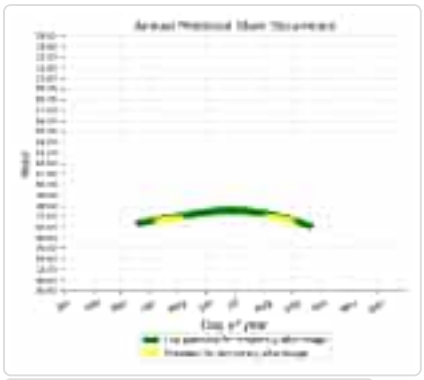


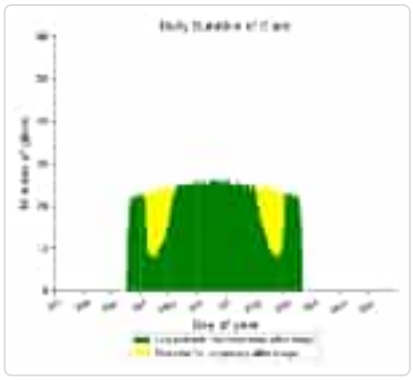


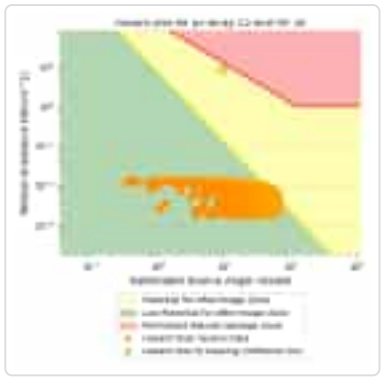
PV array 13: OP 36

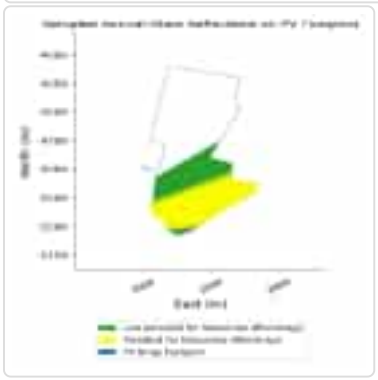
PV array is expected to produce the following glare for this receptor:

- 3,809 minutes of "green" glare with low potential to cause temporary after-image.
- 694 minutes of "yellow" glare with potential to cause temporary after-image.





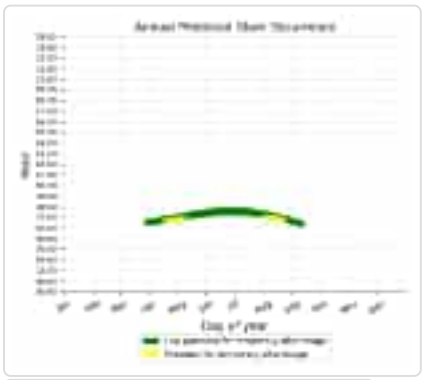


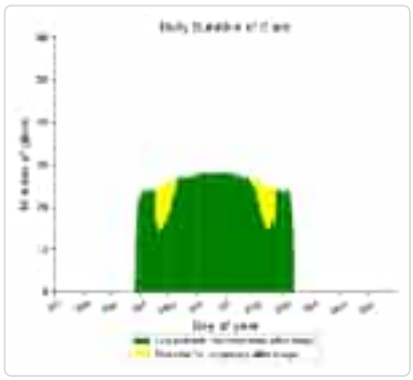


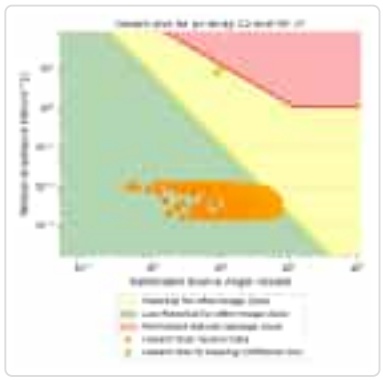
PV array 13: OP 37

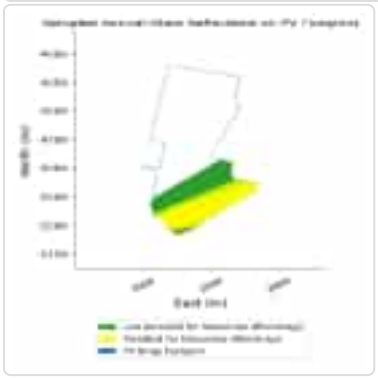
PV array is expected to produce the following glare for this receptor:

- 4,004 minutes of "green" glare with low potential to cause temporary after-image.
- 349 minutes of "yellow" glare with potential to cause temporary after-image.





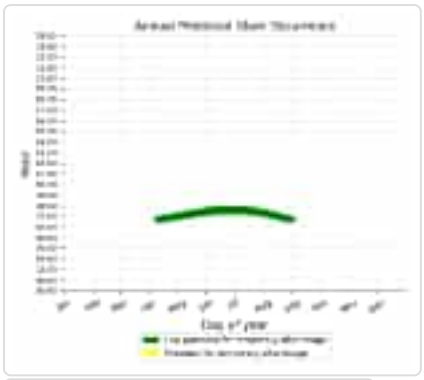


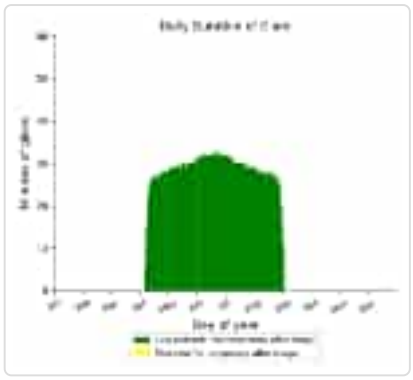


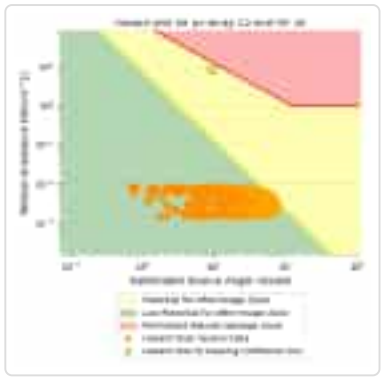
PV array 13: OP 38

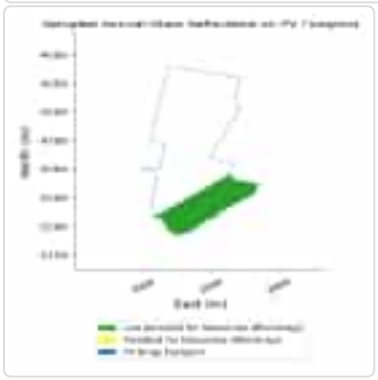
PV array is expected to produce the following glare for this receptor:

- 4,291 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





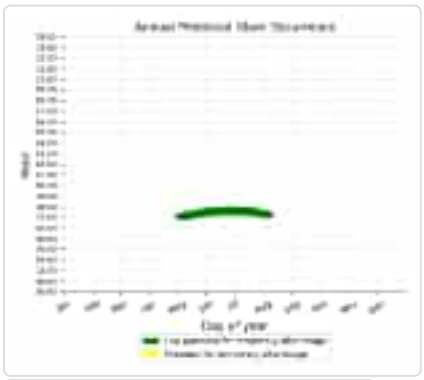


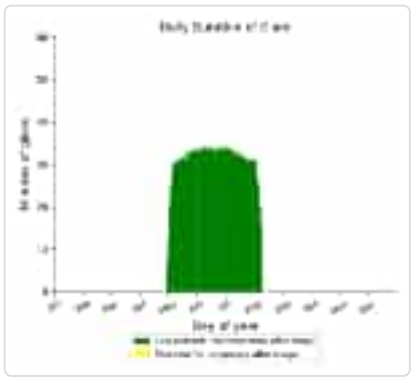


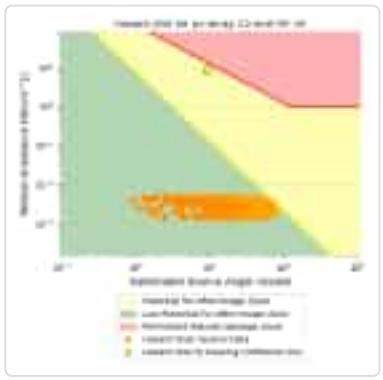
PV array 13: OP 39

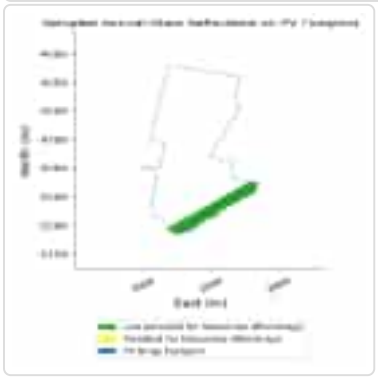
PV array is expected to produce the following glare for this receptor:

- 3,196 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





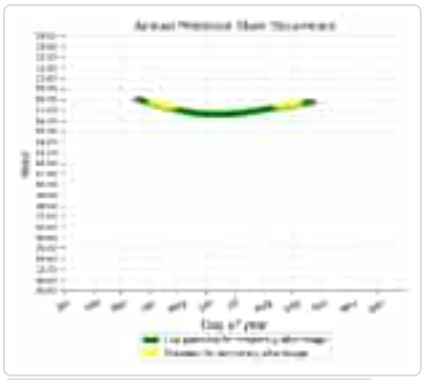


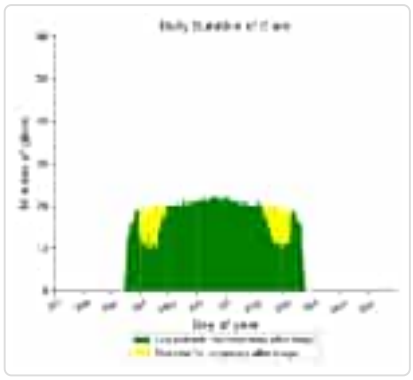


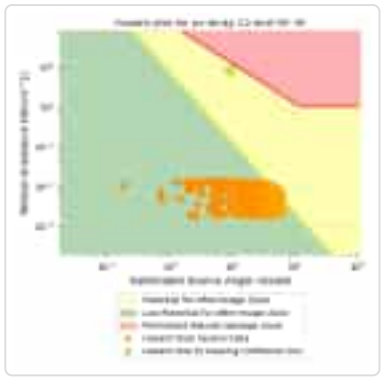
PV array 13: OP 40

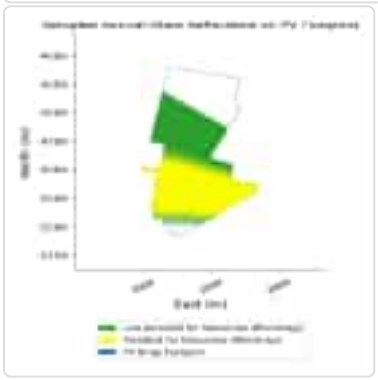
PV array is expected to produce the following glare for this receptor:

- 3,352 minutes of "green" glare with low potential to cause temporary after-image.
- 409 minutes of "yellow" glare with potential to cause temporary after-image.





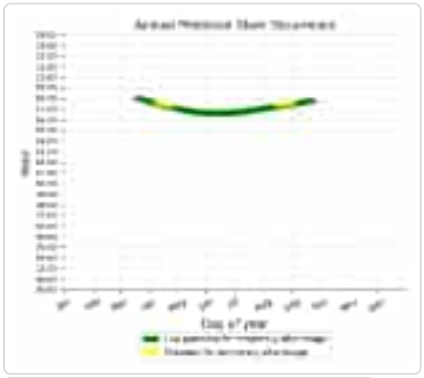


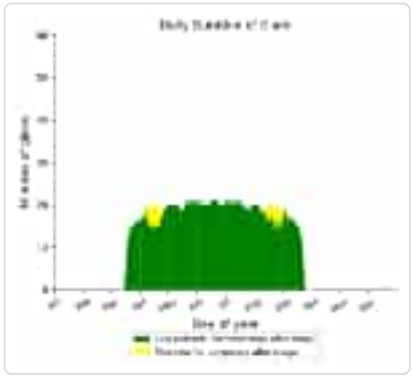


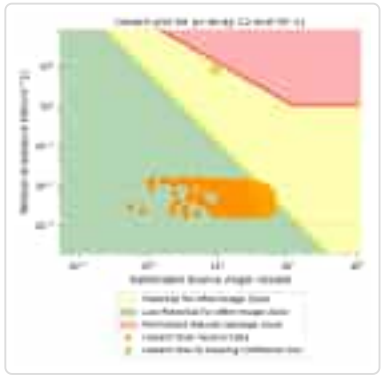
PV array 13: OP 41

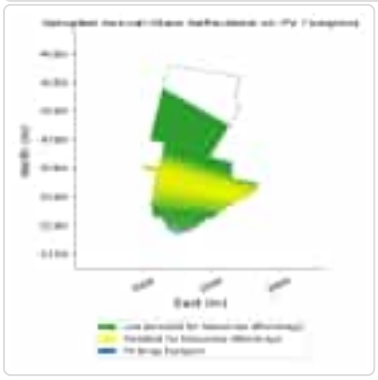
PV array is expected to produce the following glare for this receptor:

- 3,458 minutes of "green" glare with low potential to cause temporary after-image.
- 142 minutes of "yellow" glare with potential to cause temporary after-image.





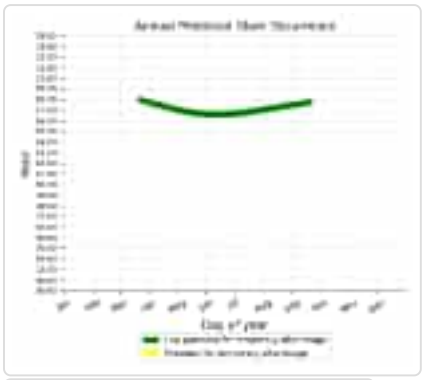


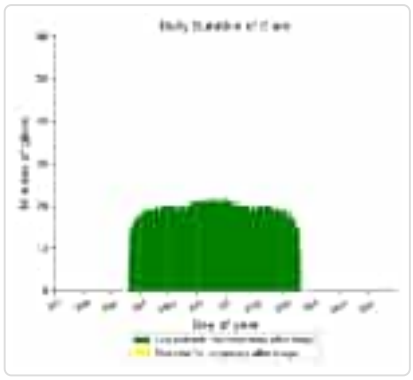


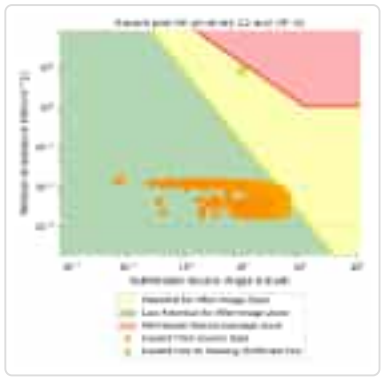
PV array 13: OP 42

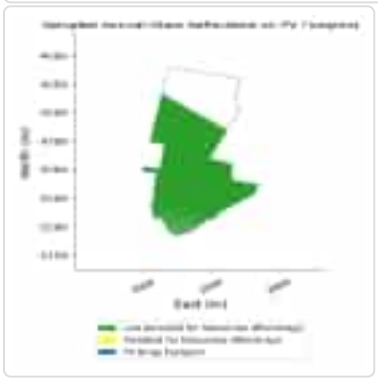
PV array is expected to produce the following glare for this receptor:

- 3,583 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









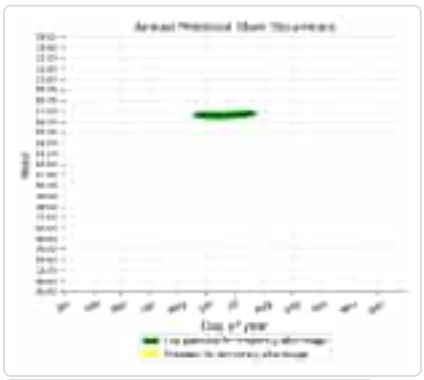
PV array 13: OP 43

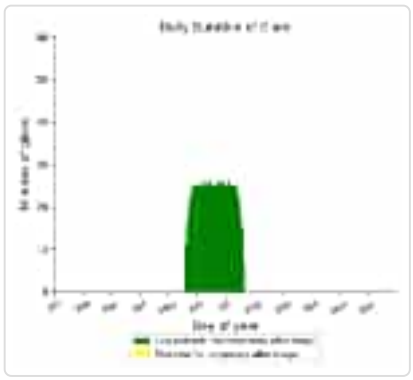
No glare found

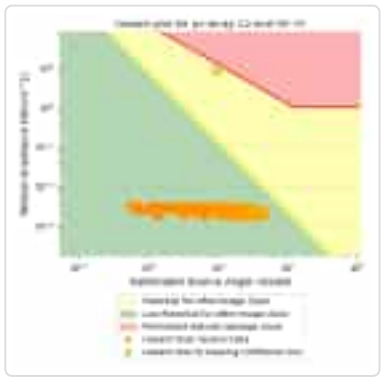
PV array 13: OP 44

PV array is expected to produce the following glare for this receptor:

- 1,512 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



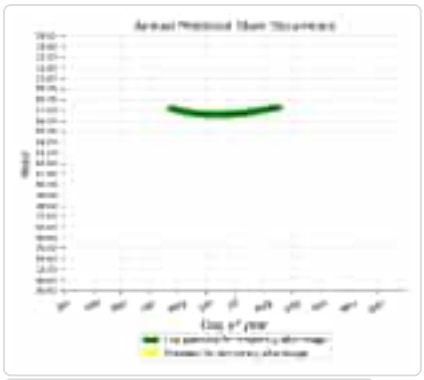


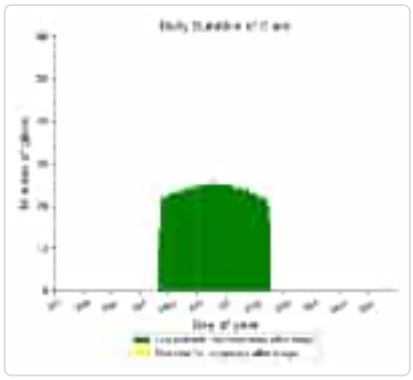


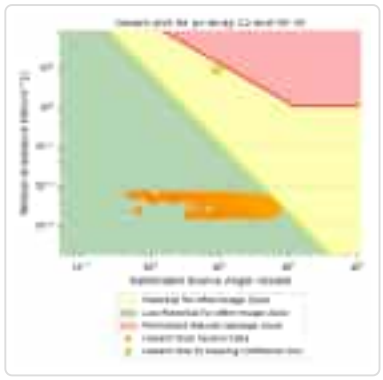
PV array 13: OP 45

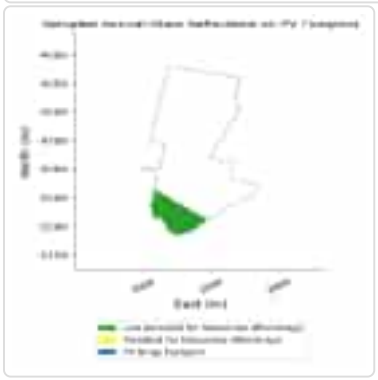
PV array is expected to produce the following glare for this receptor:

- 2,822 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





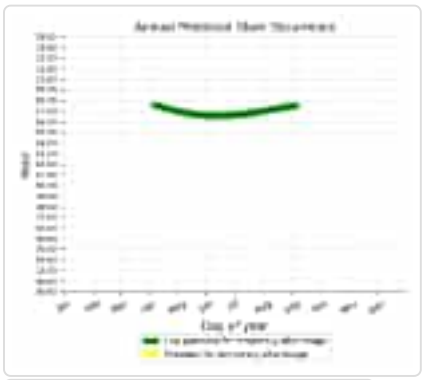


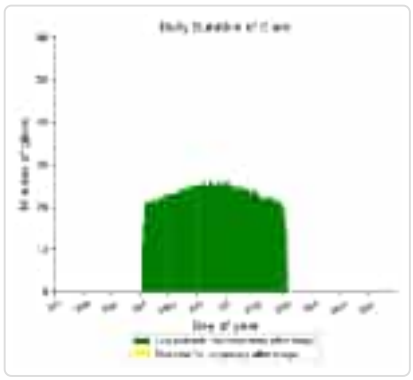


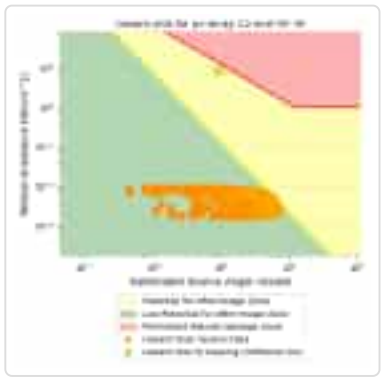
PV array 13: OP 46

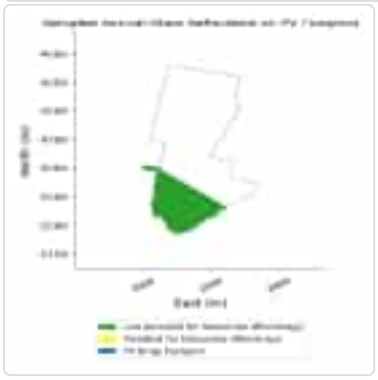
PV array is expected to produce the following glare for this receptor:

- 3,612 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





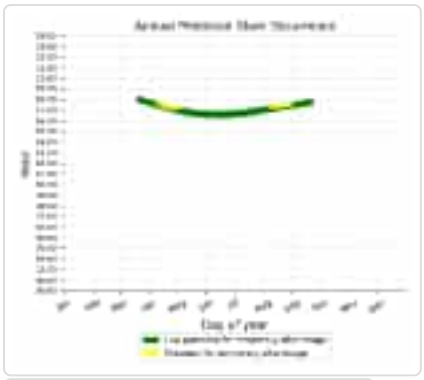


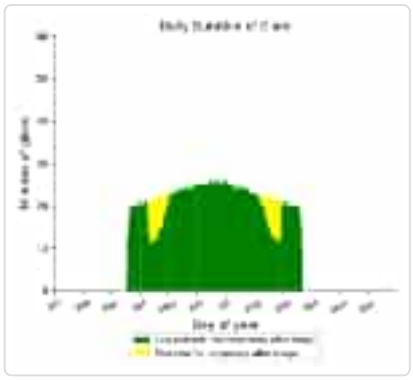


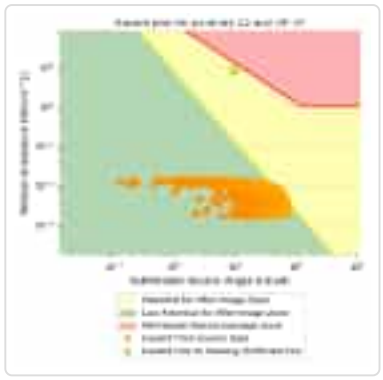
PV array 13: OP 47

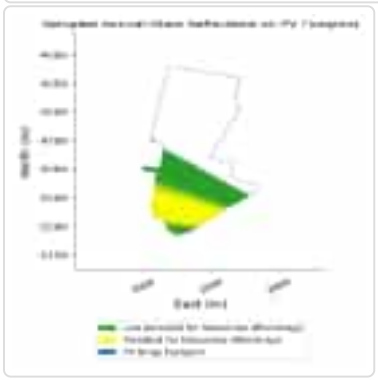
PV array is expected to produce the following glare for this receptor:

- 3,930 minutes of "green" glare with low potential to cause temporary after-image.
- 320 minutes of "yellow" glare with potential to cause temporary after-image.





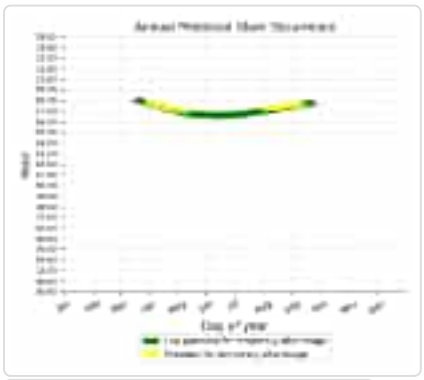


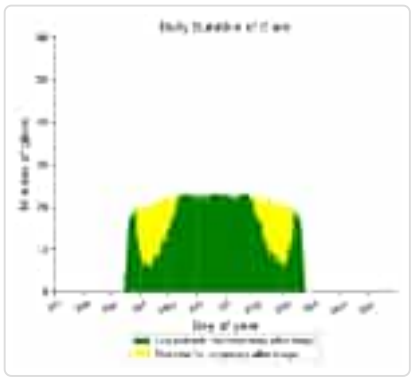


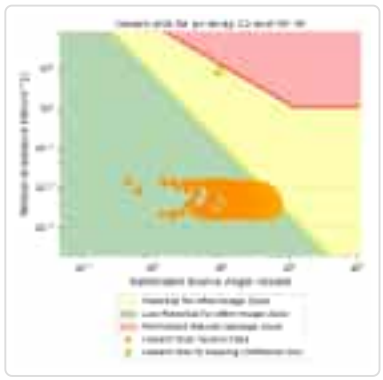
PV array 13: OP 48

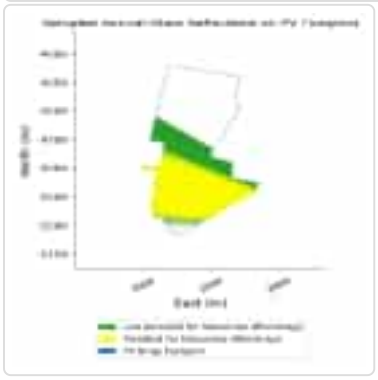
PV array is expected to produce the following glare for this receptor:

- 3,168 minutes of "green" glare with low potential to cause temporary after-image.
- 876 minutes of "yellow" glare with potential to cause temporary after-image.





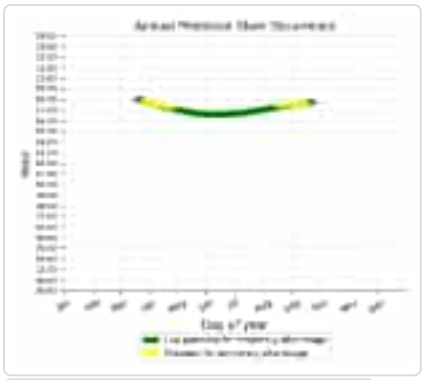


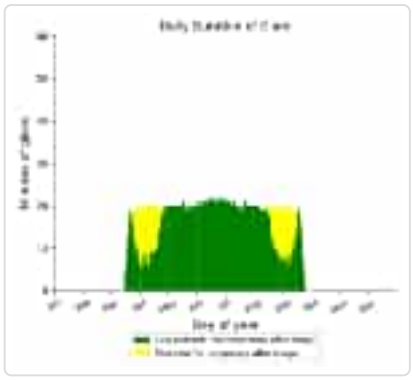


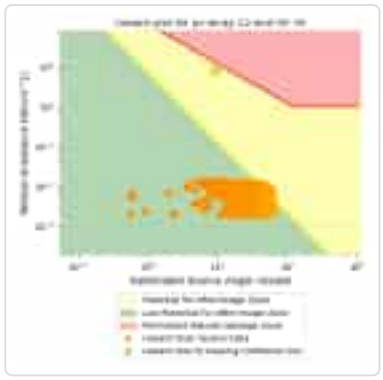
PV array 13: OP 49

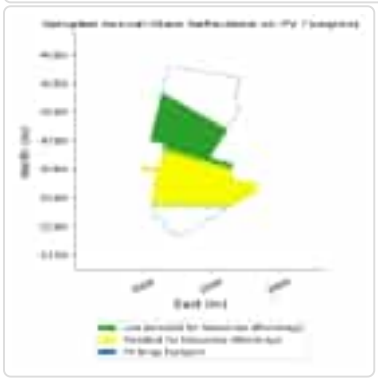
PV array is expected to produce the following glare for this receptor:

- 3,139 minutes of "green" glare with low potential to cause temporary after-image.
- 629 minutes of "yellow" glare with potential to cause temporary after-image.





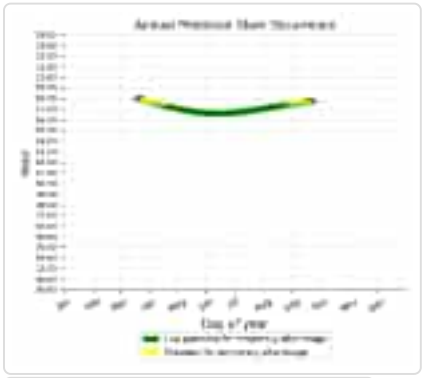


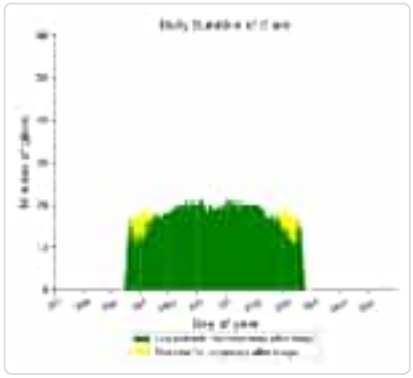


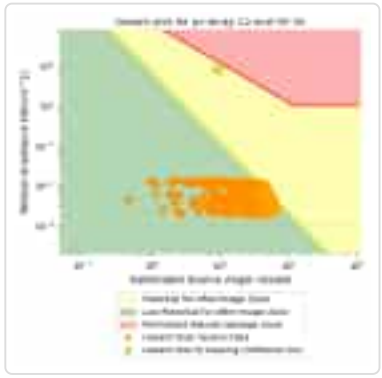
PV array 13: OP 50

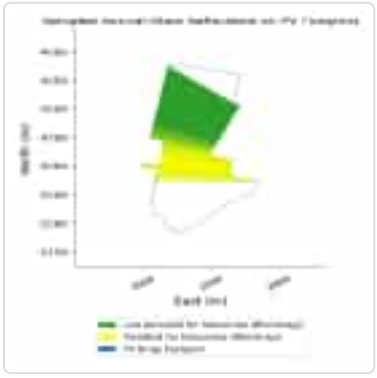
PV array is expected to produce the following glare for this receptor:

- 3,342 minutes of "green" glare with low potential to cause temporary after-image.
- 187 minutes of "yellow" glare with potential to cause temporary after-image.





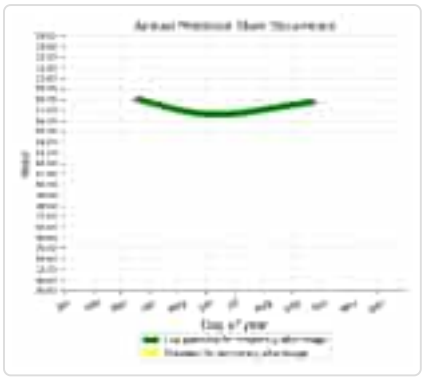


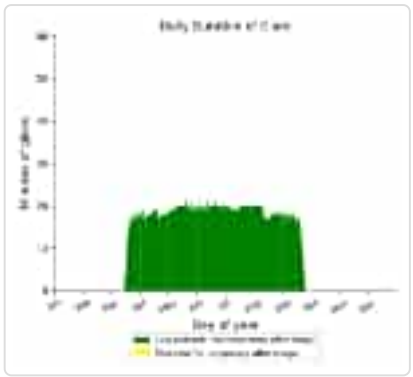


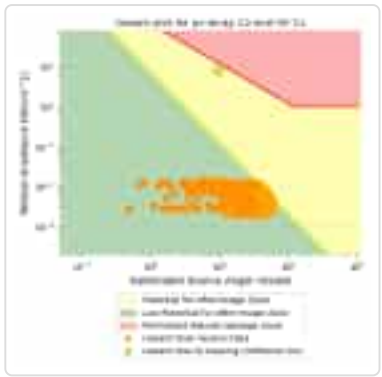
PV array 13: OP 51

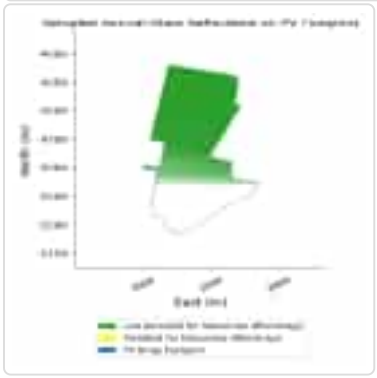
PV array is expected to produce the following glare for this receptor:

- 3,541 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





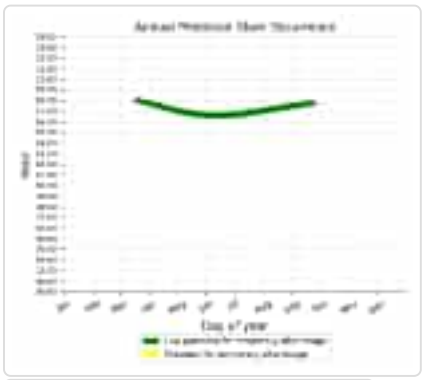


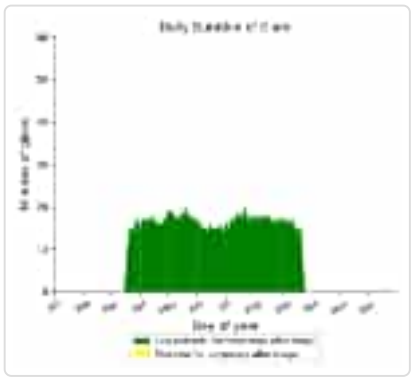


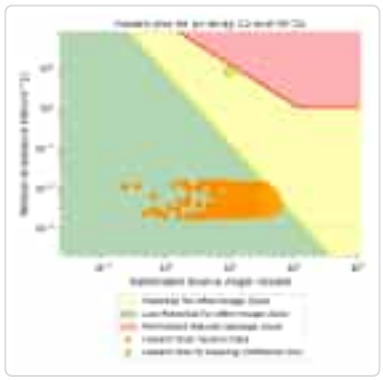
PV array 13: OP 52

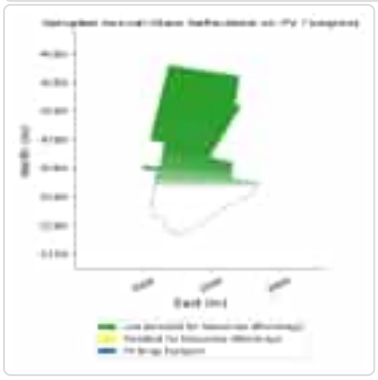
PV array is expected to produce the following glare for this receptor:

- 3,175 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





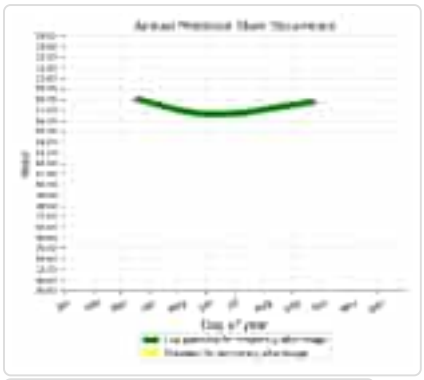


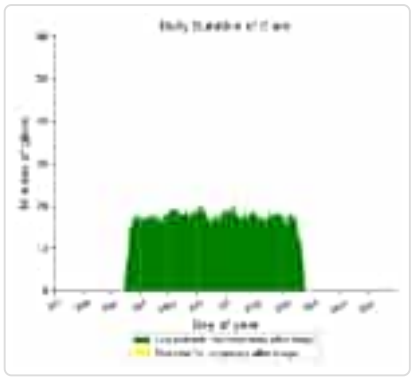


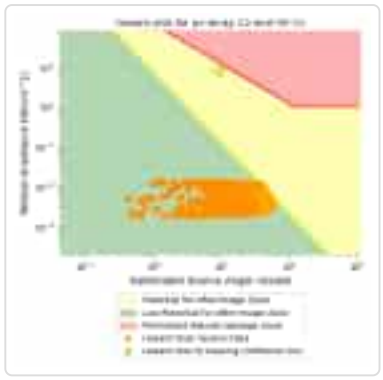
PV array 13: OP 53

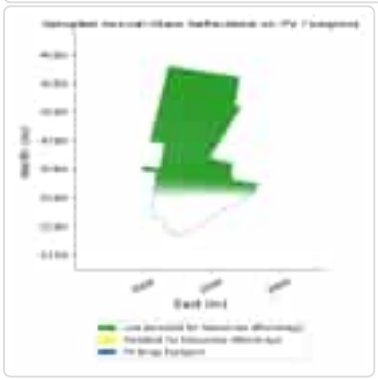
PV array is expected to produce the following glare for this receptor:

- 3,306 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





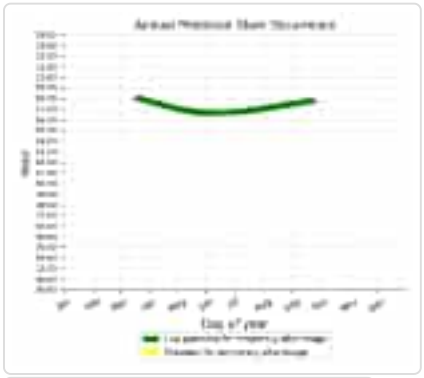


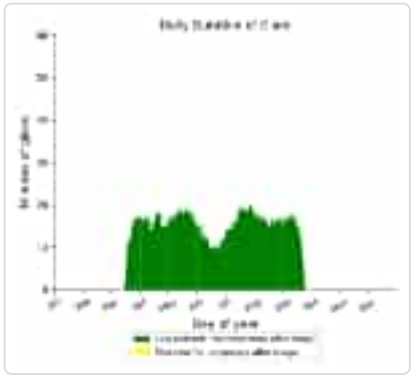


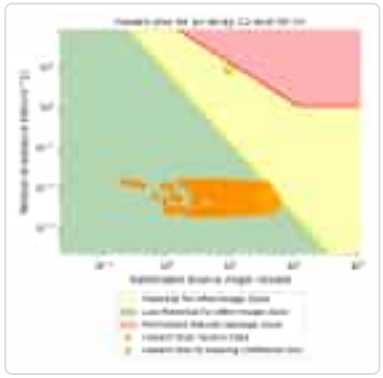
PV array 13: OP 54

PV array is expected to produce the following glare for this receptor:

- 3,002 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



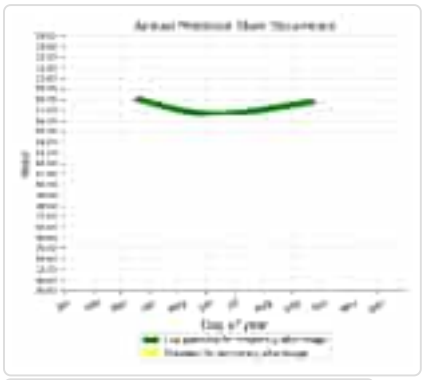


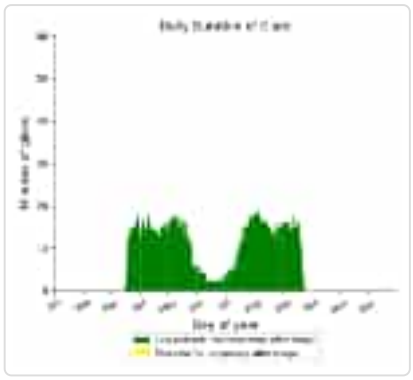


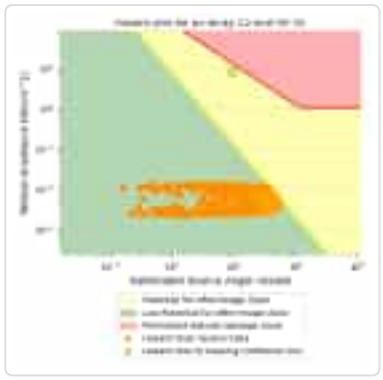
PV array 13: OP 55

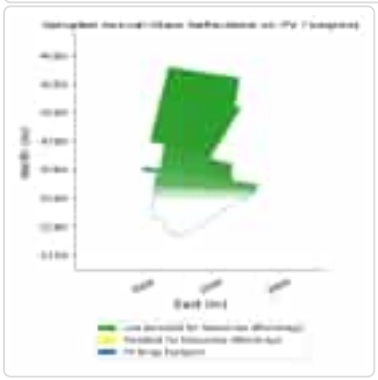
PV array is expected to produce the following glare for this receptor:

- 2,310 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





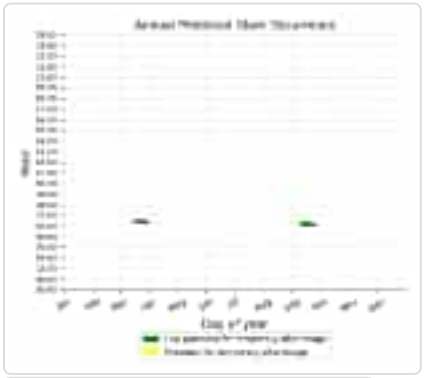


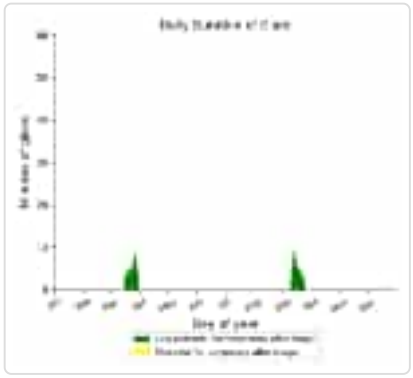


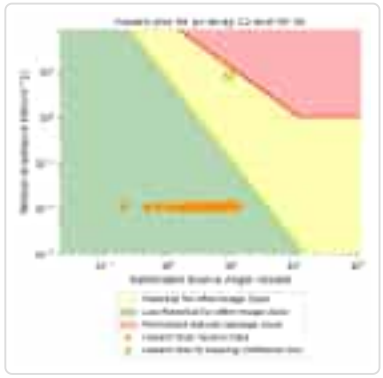
PV array 13: OP 56

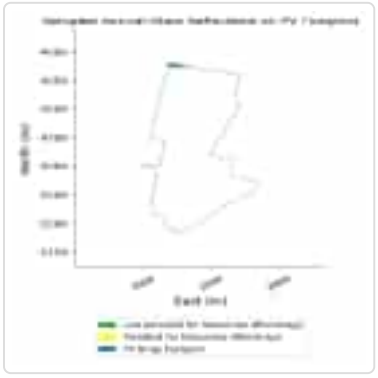
PV array is expected to produce the following glare for this receptor:

- 159 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





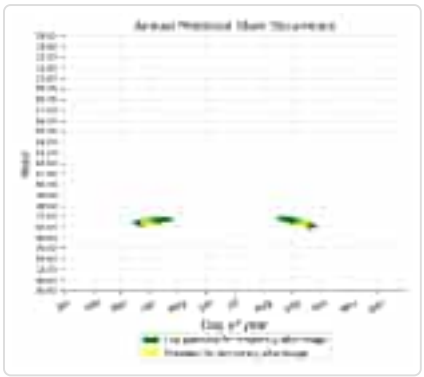


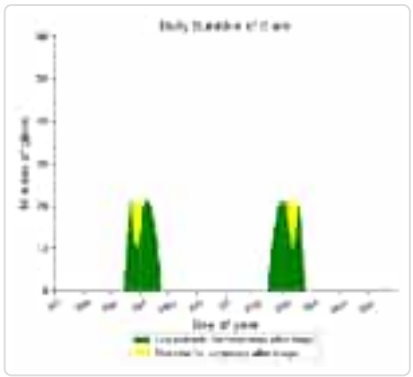


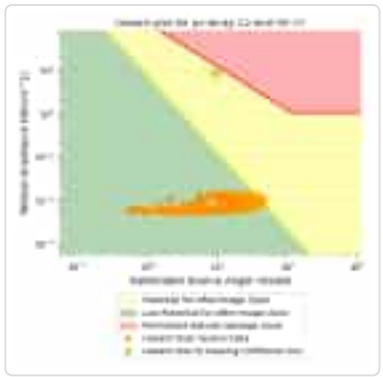
PV array 13: OP 57

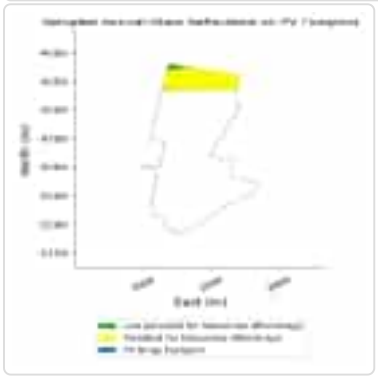
PV array is expected to produce the following glare for this receptor:

- 1,187 minutes of "green" glare with low potential to cause temporary after-image.
- 175 minutes of "yellow" glare with potential to cause temporary after-image.





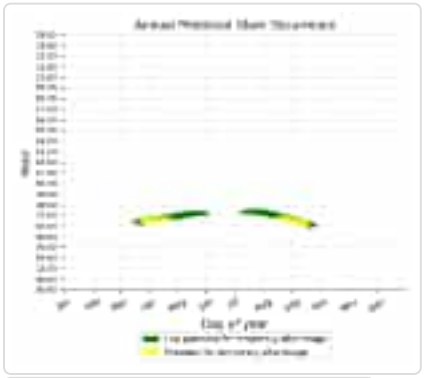


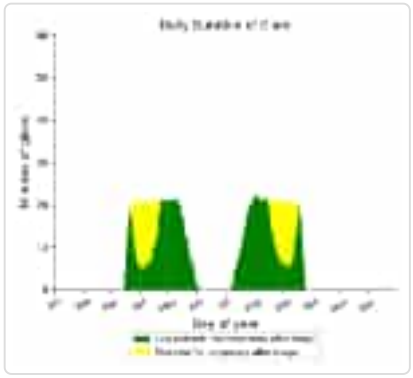


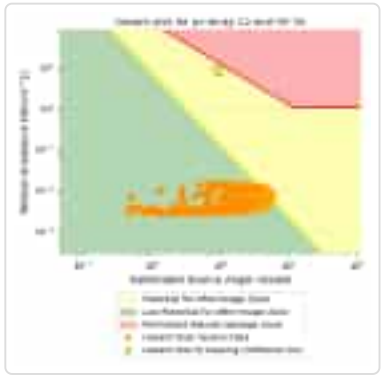
PV array 13: OP 58

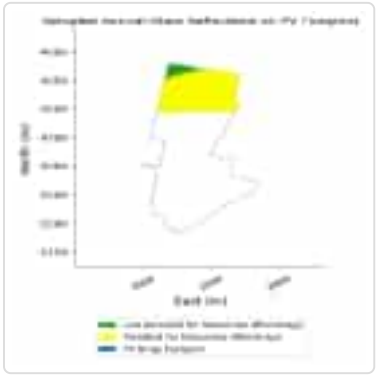
PV array is expected to produce the following glare for this receptor:

- 2,027 minutes of "green" glare with low potential to cause temporary after-image.
- 734 minutes of "yellow" glare with potential to cause temporary after-image.





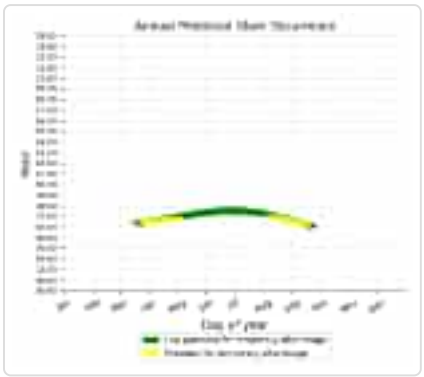


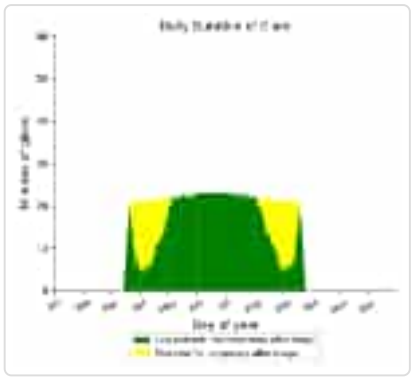


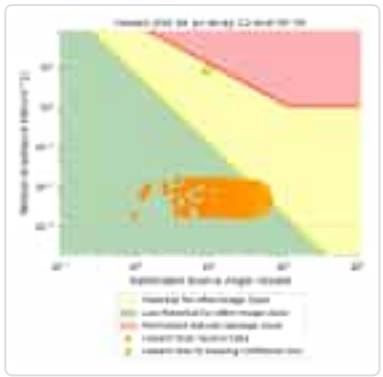
PV array 13: OP 59

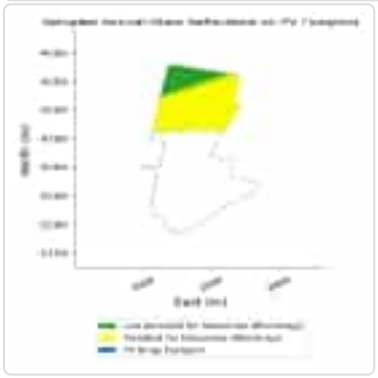
PV array is expected to produce the following glare for this receptor:

- 3,154 minutes of "green" glare with low potential to cause temporary after-image.
- 965 minutes of "yellow" glare with potential to cause temporary after-image.





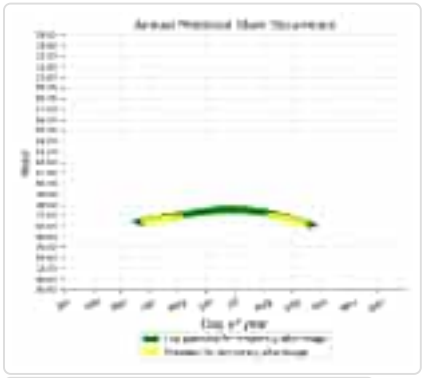


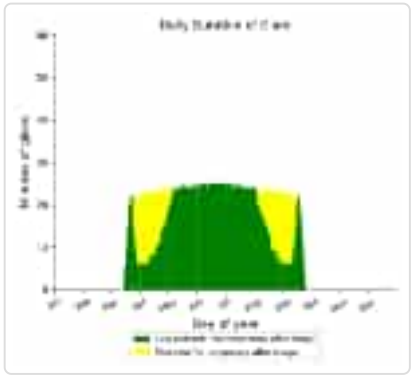


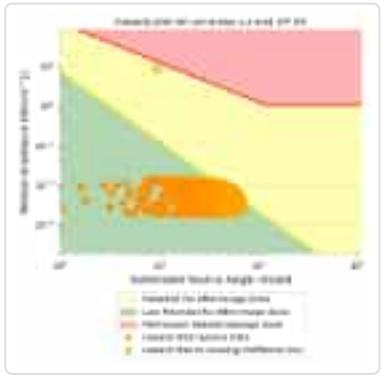
PV array 13: OP 60

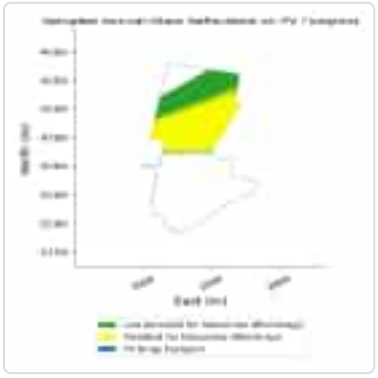
PV array is expected to produce the following glare for this receptor:

- 3,436 minutes of "green" glare with low potential to cause temporary after-image.
- 1,025 minutes of "yellow" glare with potential to cause temporary after-image.





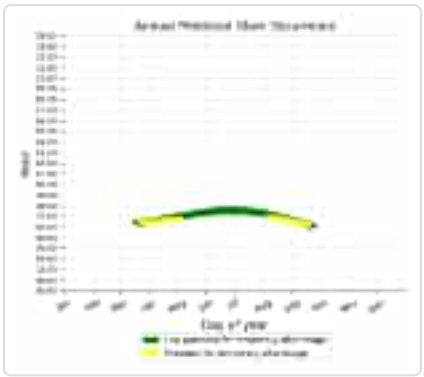


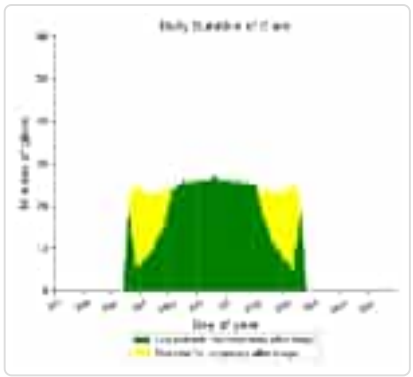


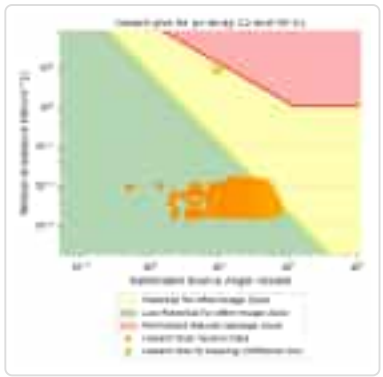
PV array 13: OP 61

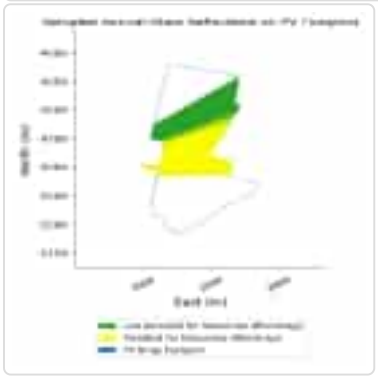
PV array is expected to produce the following glare for this receptor:

- 3,545 minutes of "green" glare with low potential to cause temporary after-image.
- 1,098 minutes of "yellow" glare with potential to cause temporary after-image.





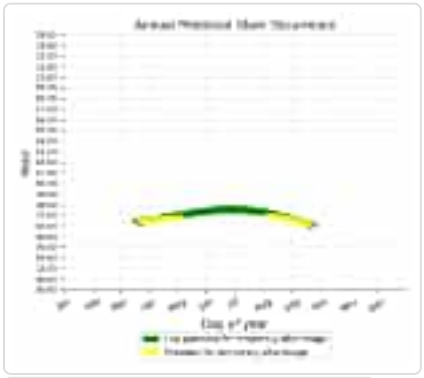


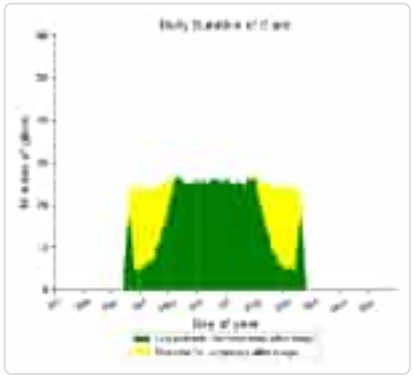


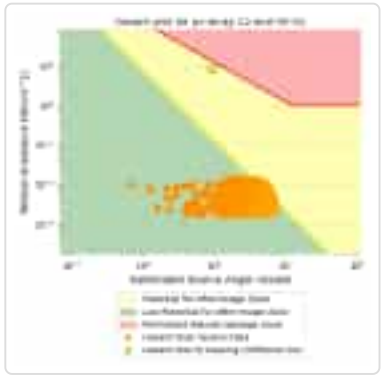
PV array 13: OP 62

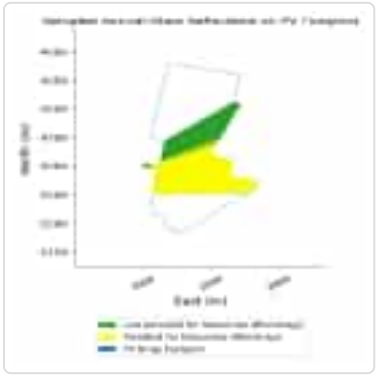
PV array is expected to produce the following glare for this receptor:

- 3,403 minutes of "green" glare with low potential to cause temporary after-image.
- 1,322 minutes of "yellow" glare with potential to cause temporary after-image.





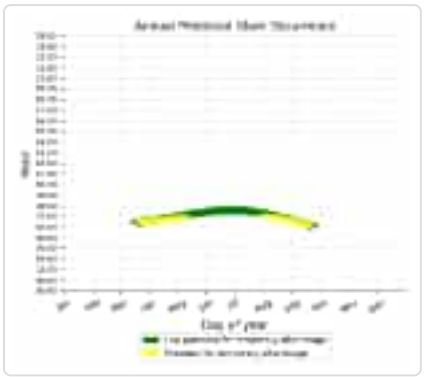


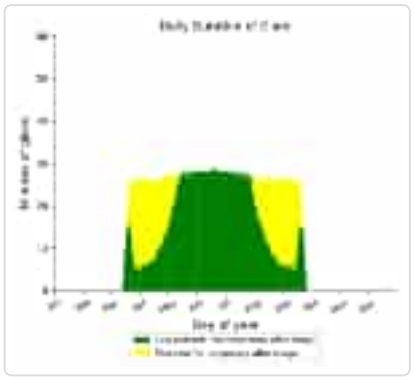


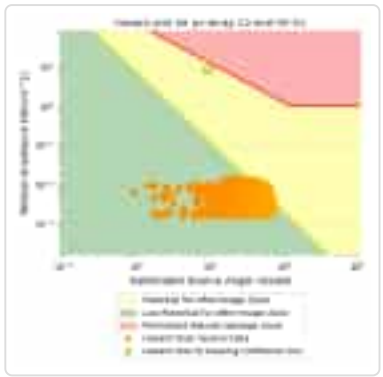
PV array 13: OP 63

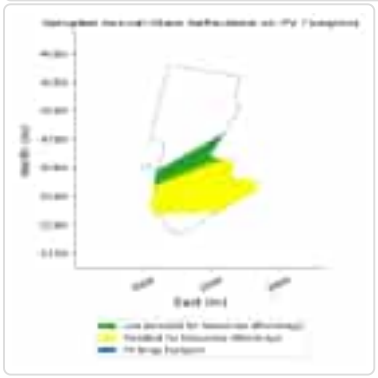
PV array is expected to produce the following glare for this receptor:

- 3,458 minutes of "green" glare with low potential to cause temporary after-image.
- 1,668 minutes of "yellow" glare with potential to cause temporary after-image.





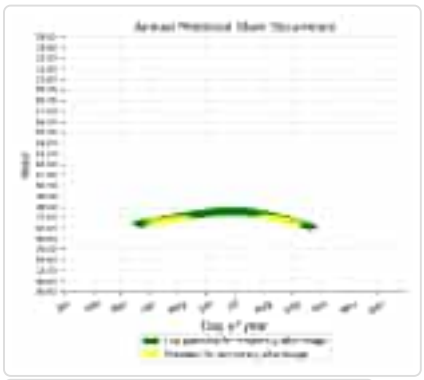


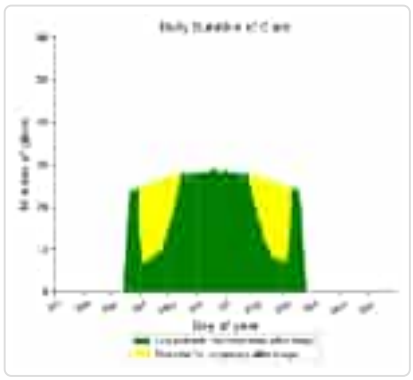


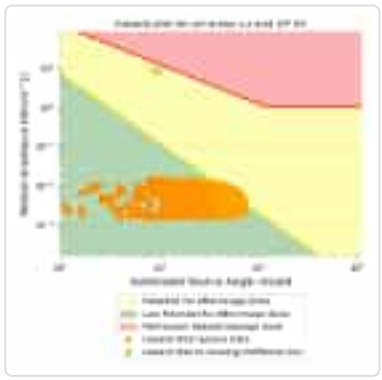
PV array 13: OP 64

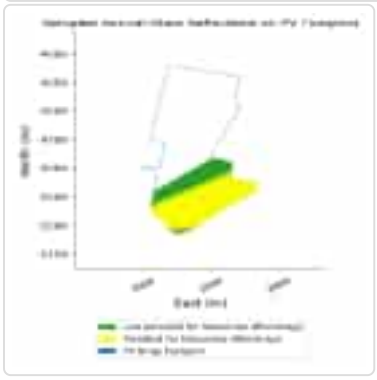
PV array is expected to produce the following glare for this receptor:

- 3,810 minutes of "green" glare with low potential to cause temporary after-image.
- 1,230 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	28	0
OP: OP 4	2060	0
OP: OP 5	597	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	34	0
OP: OP 12	1761	0
OP: OP 13	2192	0
OP: OP 14	2734	0
OP: OP 15	2450	0
OP: OP 16	2478	0
OP: OP 17	1751	0
OP: OP 18	1634	0
OP: OP 19	1738	0
OP: OP 20	1749	0
OP: OP 21	1858	0
OP: OP 22	1932	0
OP: OP 23	2330	1213
OP: OP 24	1905	7771
OP: OP 25	0	0

OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	1807	0
OP: OP 36	1668	0
OP: OP 37	1105	0
OP: OP 38	893	0
OP: OP 39	127	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	957	0
OP: OP 53	0	0
OP: OP 54	1129	0
OP: OP 55	1425	0
OP: OP 56	587	0
OP: OP 57	1104	0
OP: OP 58	1497	0
OP: OP 59	1915	0
OP: OP 60	2976	0
OP: OP 61	3103	0
OP: OP 62	2441	0
OP: OP 63	1981	0
OP: OP 64	1582	0

PV array 14: OP 1

No glare found

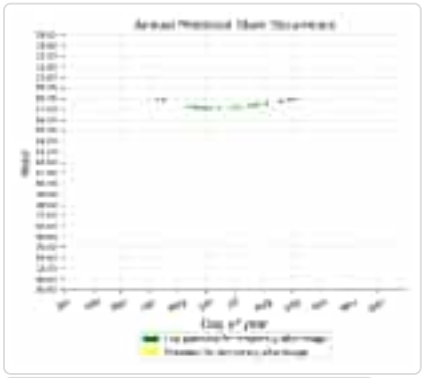
PV array 14: OP 2

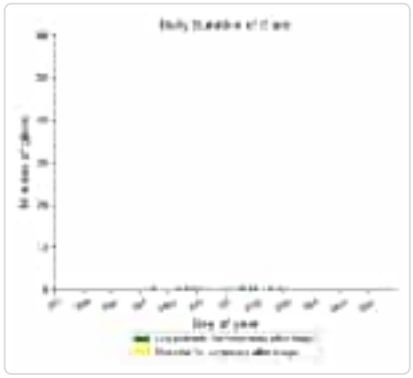
No glare found

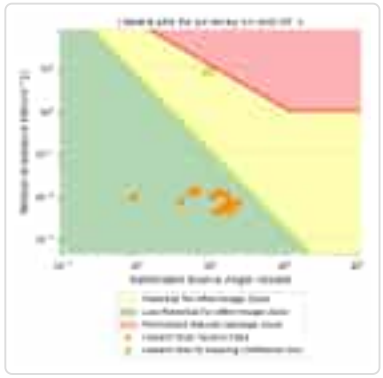
PV array 14: OP 3

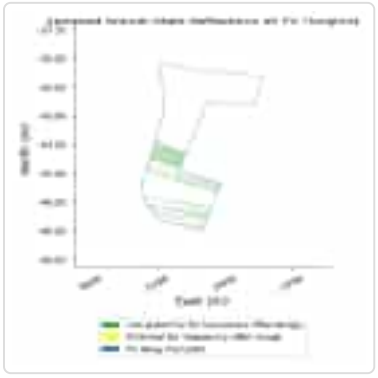
PV array is expected to produce the following glare for this receptor:

- 28 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





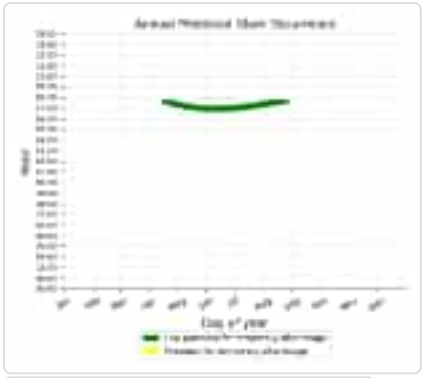


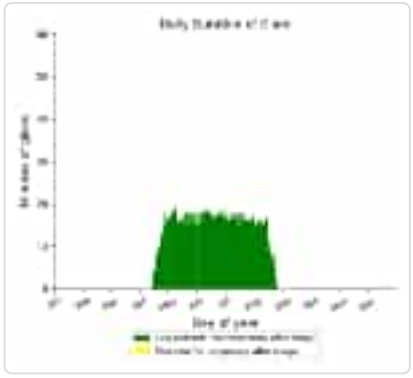


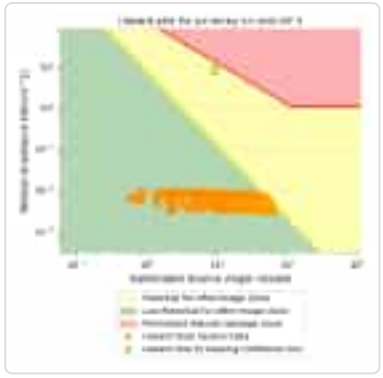
PV array 14: OP 4

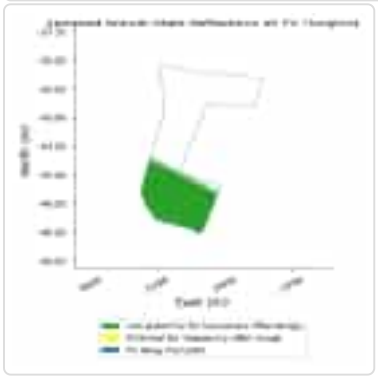
PV array is expected to produce the following glare for this receptor:

- 2,060 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





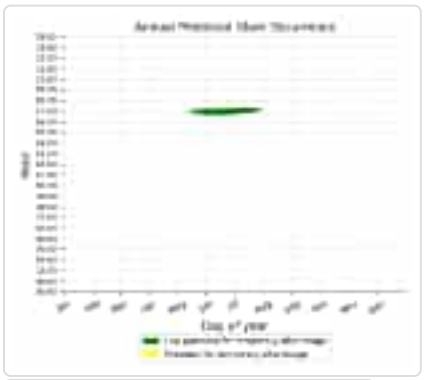


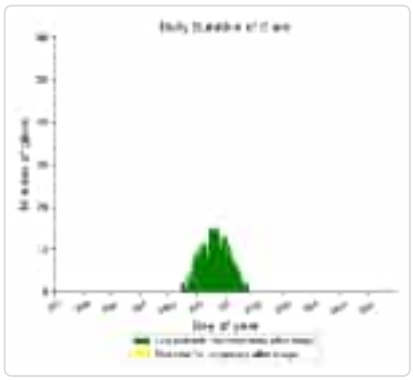


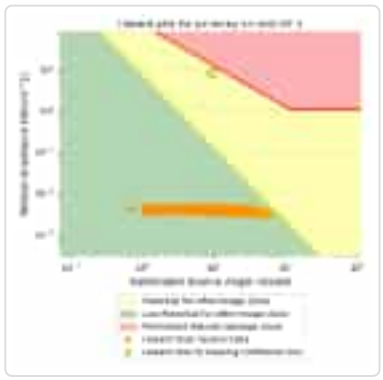
PV array 14: OP 5

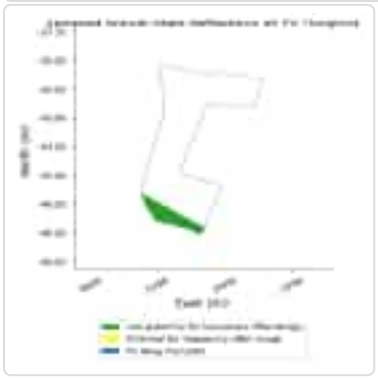
PV array is expected to produce the following glare for this receptor:

- 597 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14: OP 6

No glare found

PV array 14: OP 7

No glare found

PV array 14: OP 8

No glare found

PV array 14: OP 9

No glare found

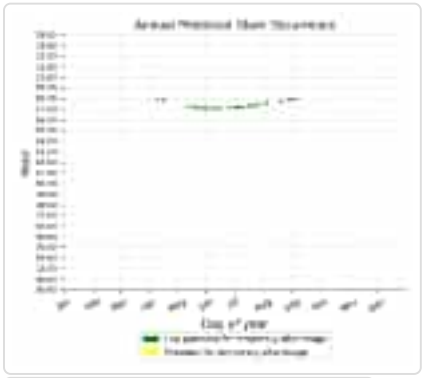
PV array 14: OP 10

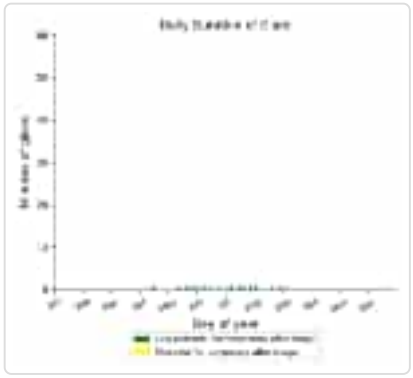
No glare found

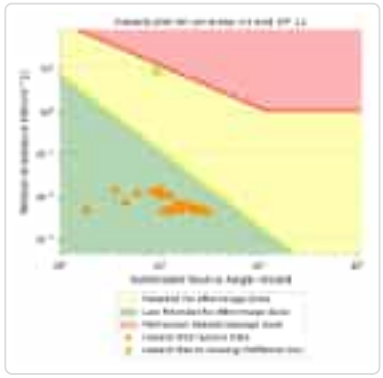
PV array 14: OP 11

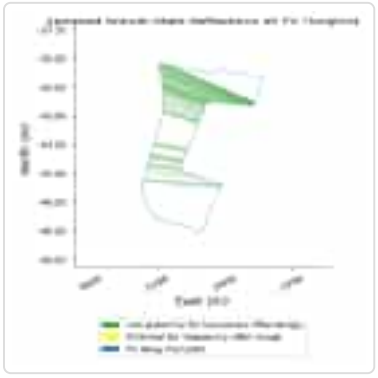
PV array is expected to produce the following glare for this receptor:

- 34 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





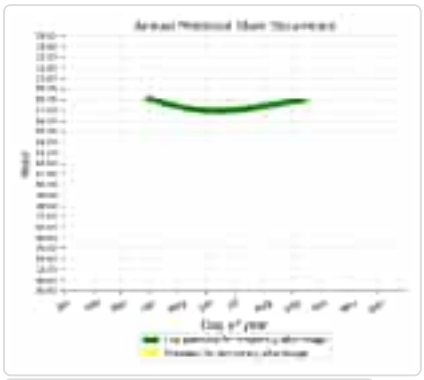


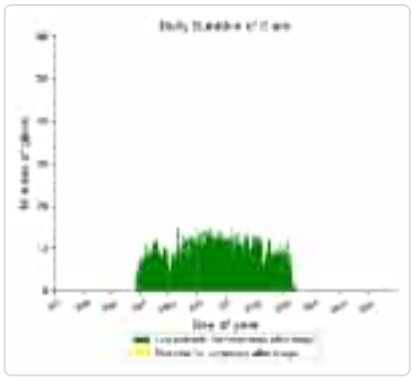


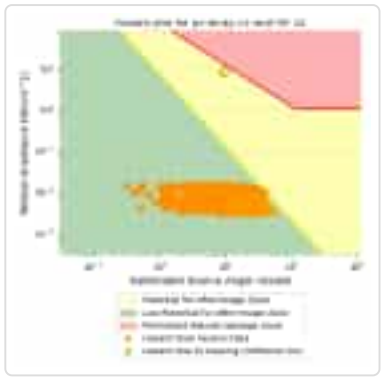
PV array 14: OP 12

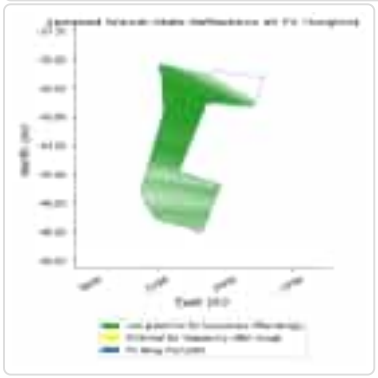
PV array is expected to produce the following glare for this receptor:

- 1,761 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





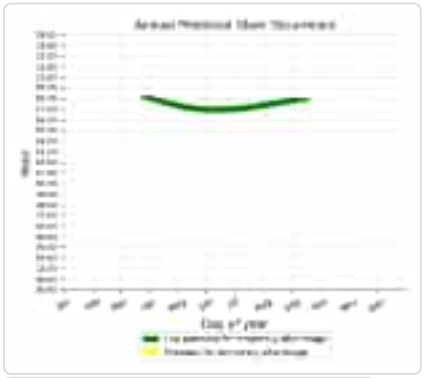


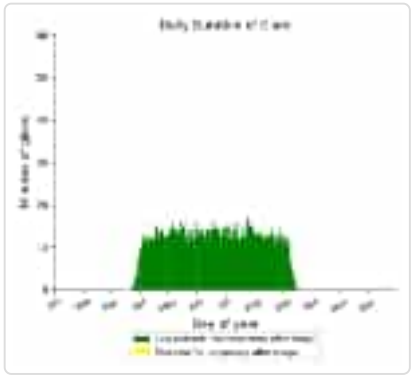


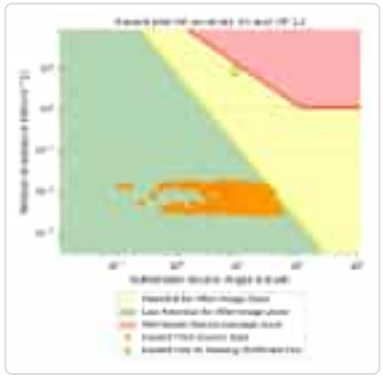
PV array 14: OP 13

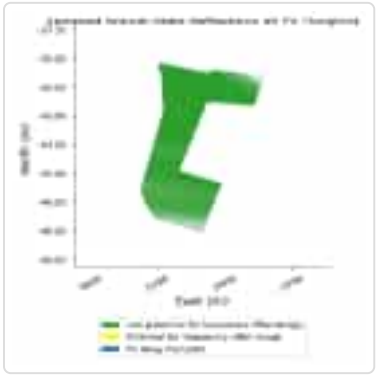
PV array is expected to produce the following glare for this receptor:

- 2,192 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





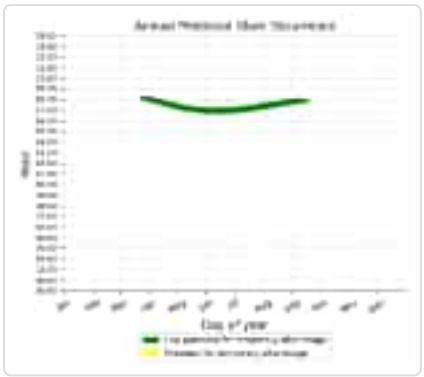


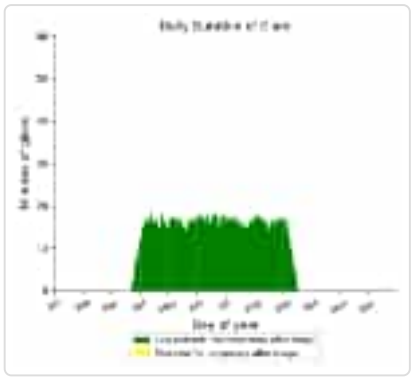


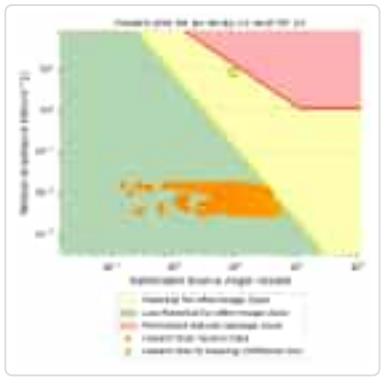
PV array 14: OP 14

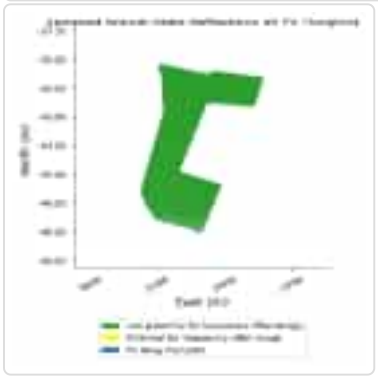
PV array is expected to produce the following glare for this receptor:

- 2,734 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





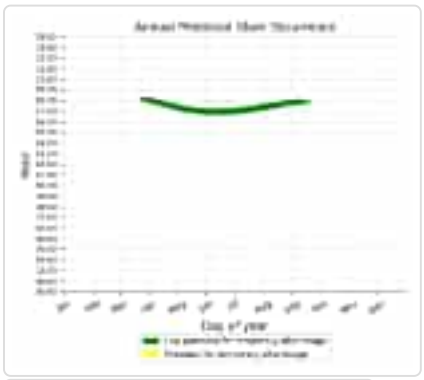


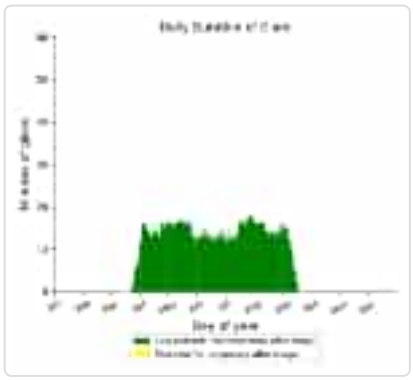


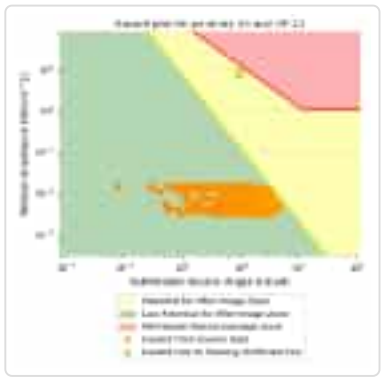
PV array 14: OP 15

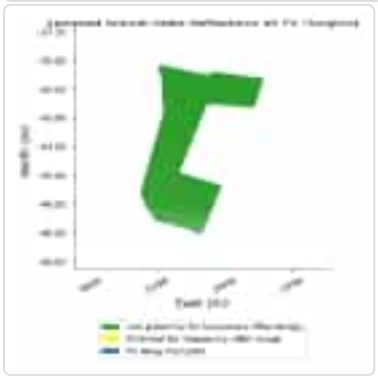
PV array is expected to produce the following glare for this receptor:

- 2,450 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





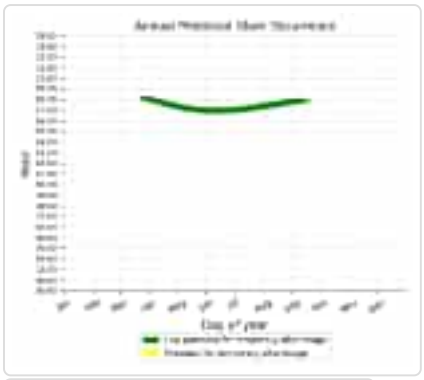


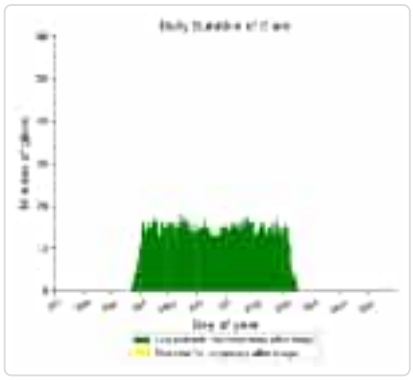


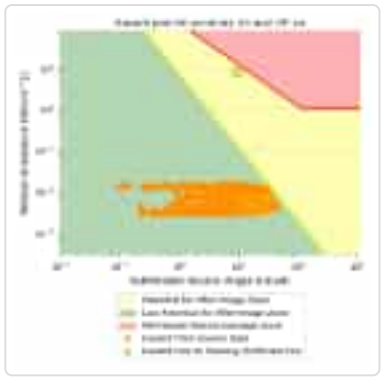
PV array 14: OP 16

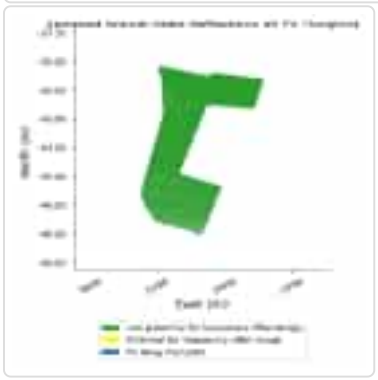
PV array is expected to produce the following glare for this receptor:

- 2,478 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





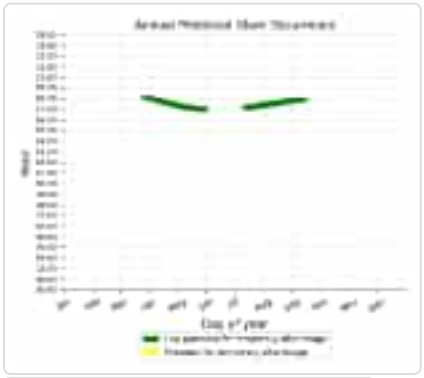


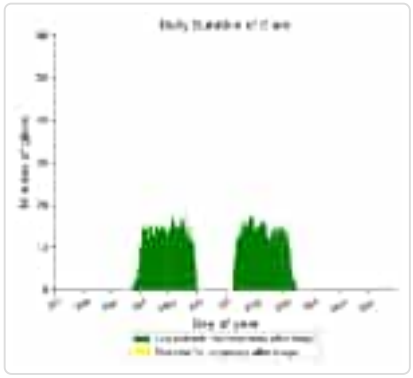


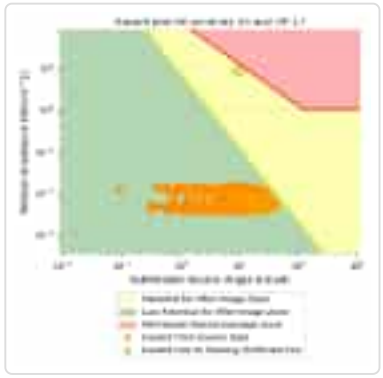
PV array 14: OP 17

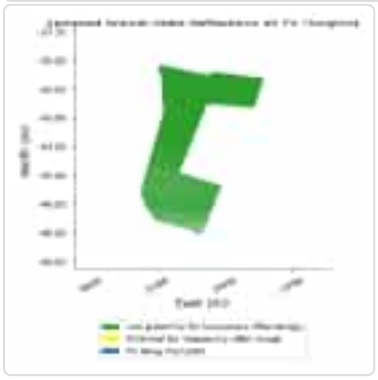
PV array is expected to produce the following glare for this receptor:

- 1,751 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





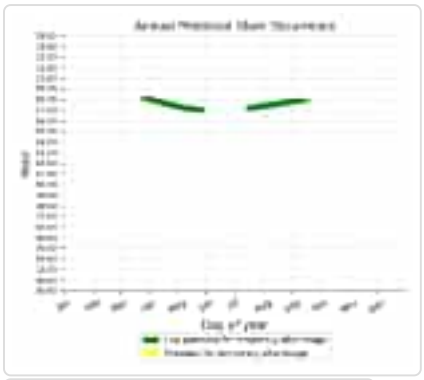


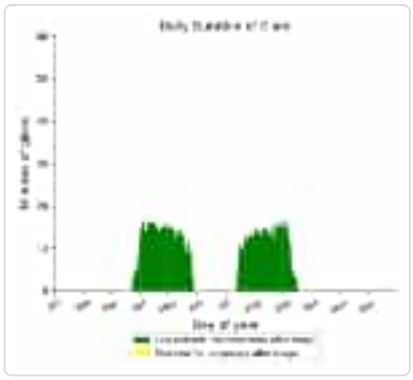


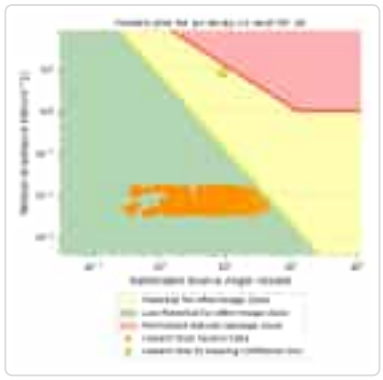
PV array 14: OP 18

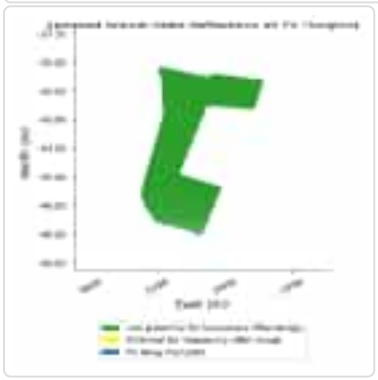
PV array is expected to produce the following glare for this receptor:

- 1,634 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





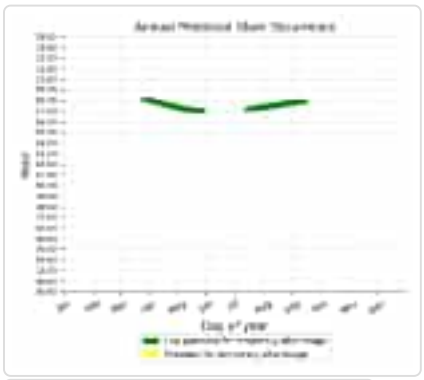


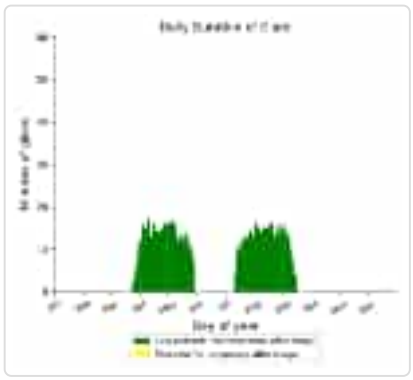


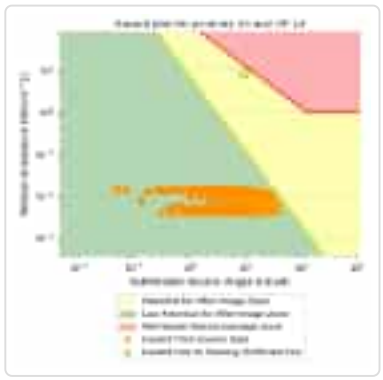
PV array 14: OP 19

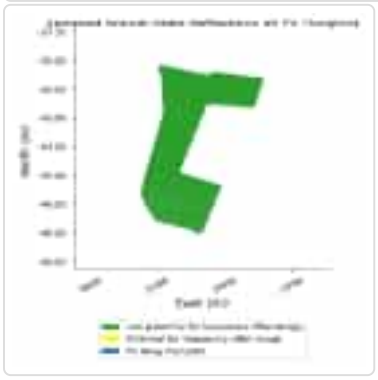
PV array is expected to produce the following glare for this receptor:

- 1,738 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





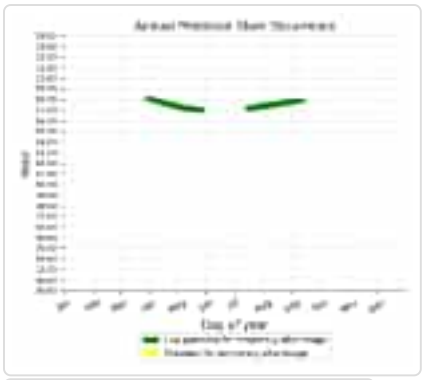


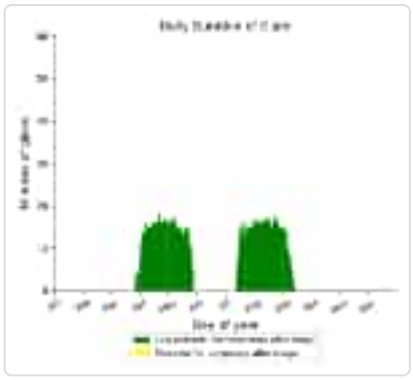


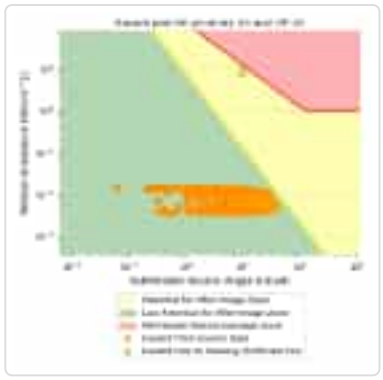
PV array 14: OP 20

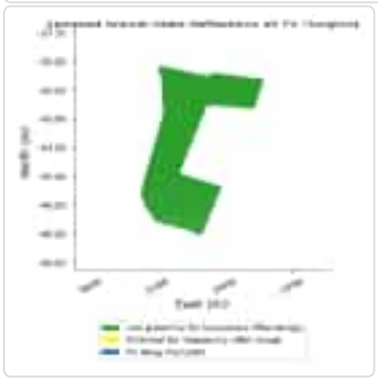
PV array is expected to produce the following glare for this receptor:

- 1,749 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





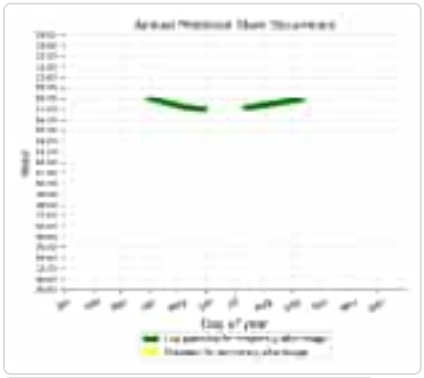


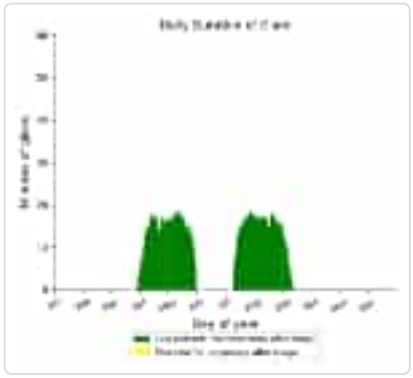


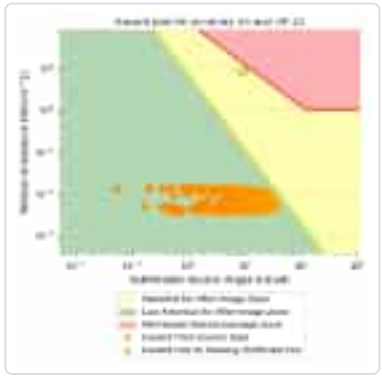
PV array 14: OP 21

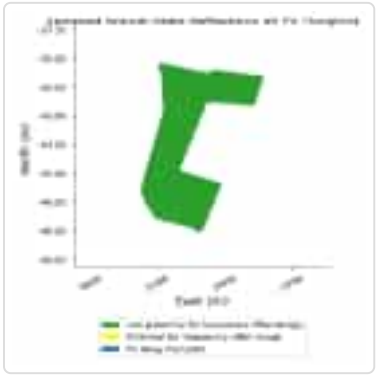
PV array is expected to produce the following glare for this receptor:

- 1,858 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





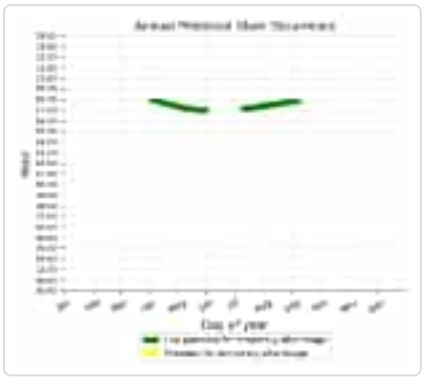


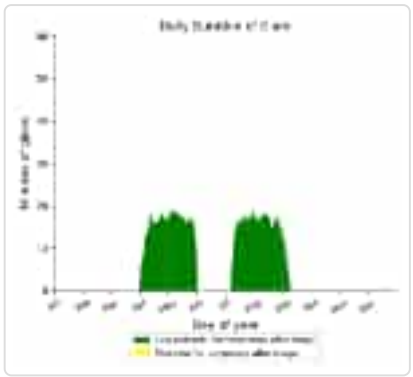


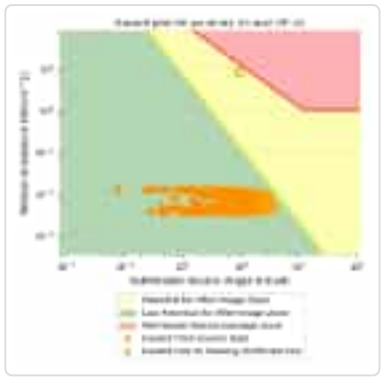
PV array 14: OP 22

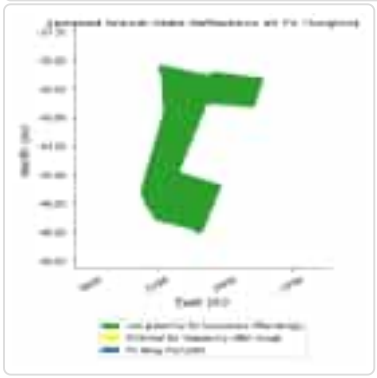
PV array is expected to produce the following glare for this receptor:

- 1,932 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





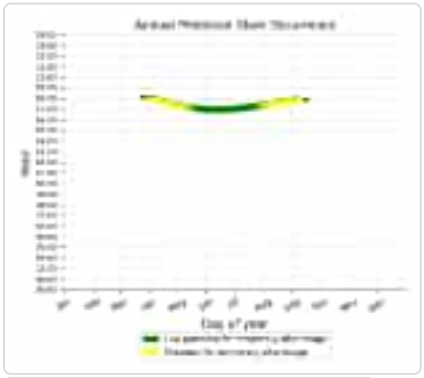


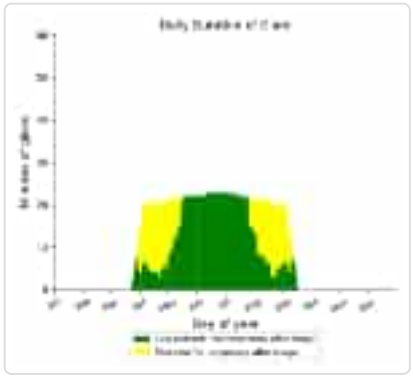


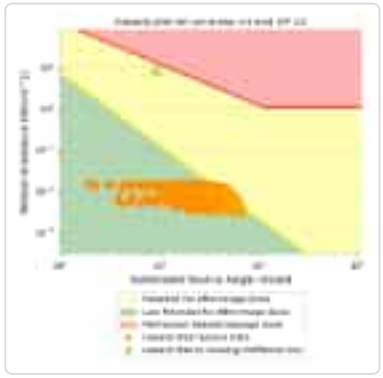
PV array 14: OP 23

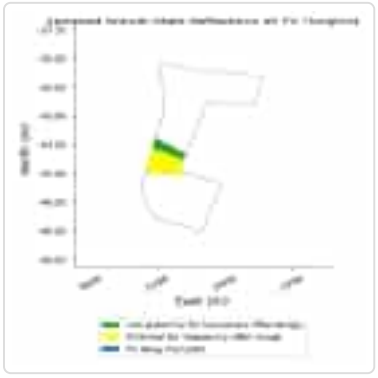
PV array is expected to produce the following glare for this receptor:

- 2,330 minutes of "green" glare with low potential to cause temporary after-image.
- 1,213 minutes of "yellow" glare with potential to cause temporary after-image.





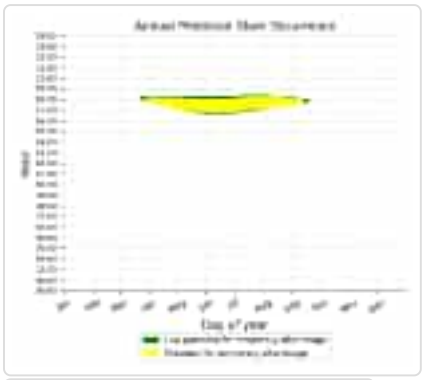


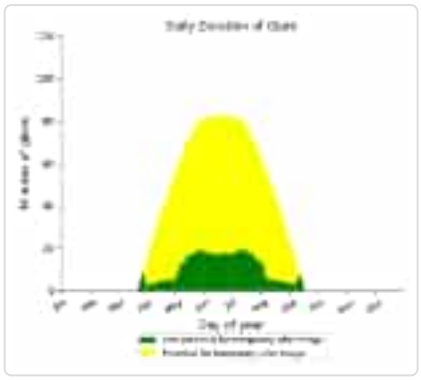


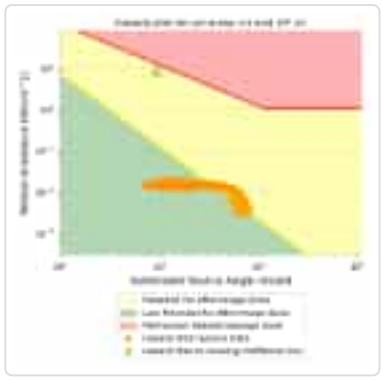
PV array 14: OP 24

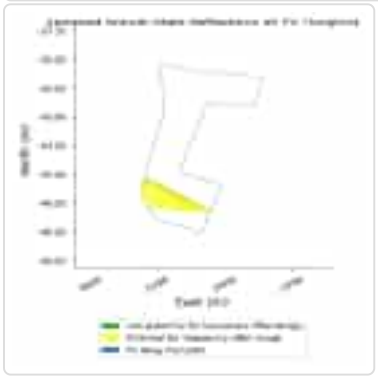
PV array is expected to produce the following glare for this receptor:

- 1,905 minutes of "green" glare with low potential to cause temporary after-image.
- 7,771 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14: OP 25

No glare found

PV array 14: OP 26

No glare found

PV array 14: OP 27

No glare found

PV array 14: OP 28

No glare found

PV array 14: OP 29

No glare found

PV array 14: OP 30

No glare found

PV array 14: OP 31

No glare found

PV array 14: OP 32

No glare found

PV array 14: OP 33

No glare found

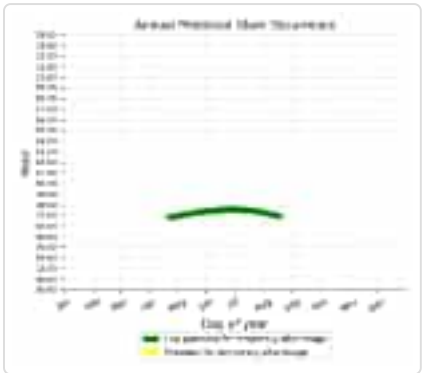
PV array 14: OP 34

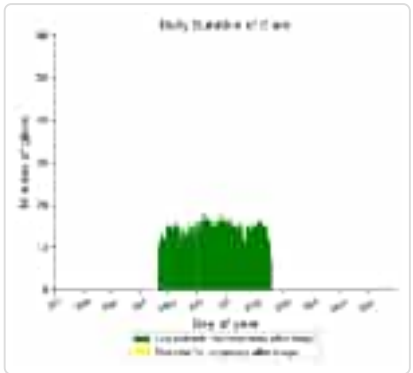
No glare found

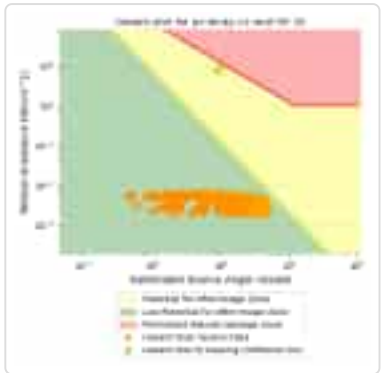
PV array 14: OP 35

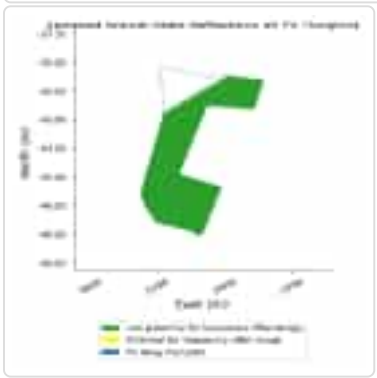
PV array is expected to produce the following glare for this receptor:

- 1,807 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





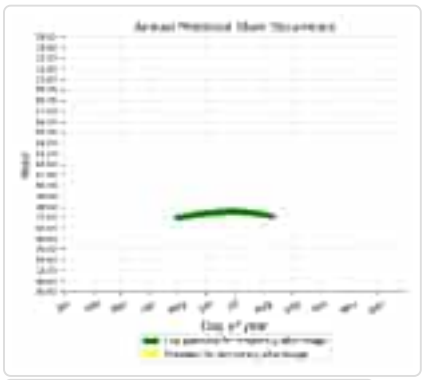


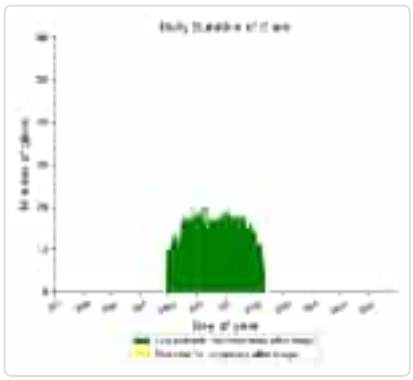


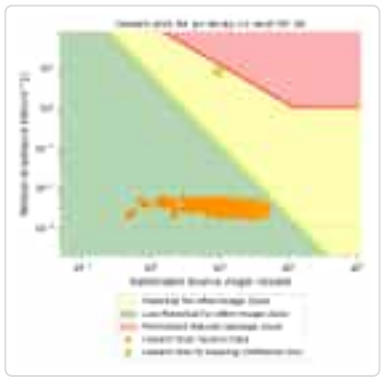
PV array 14: OP 36

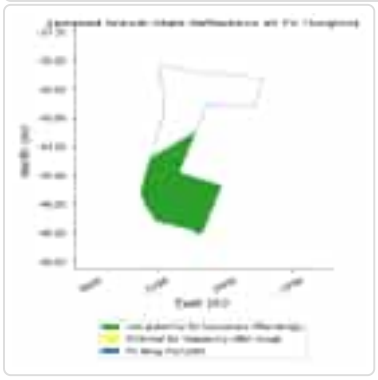
PV array is expected to produce the following glare for this receptor:

- 1,668 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





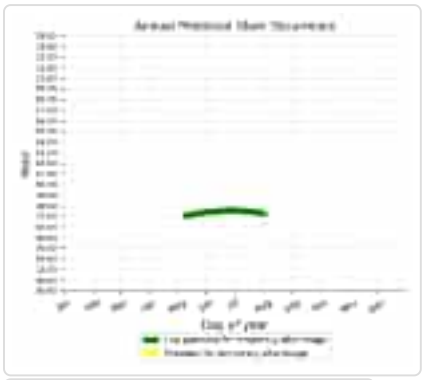


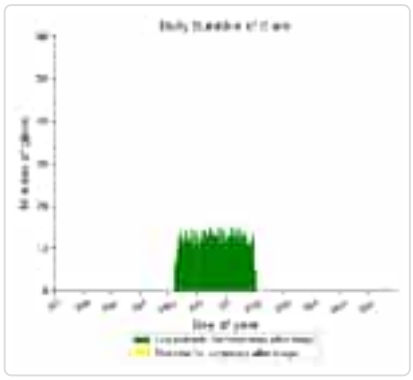


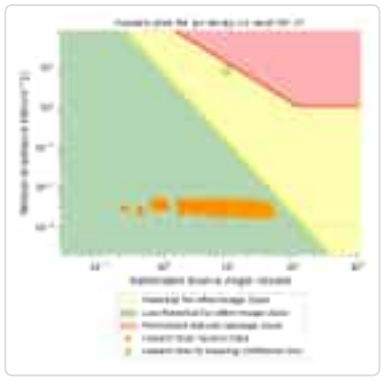
PV array 14: OP 37

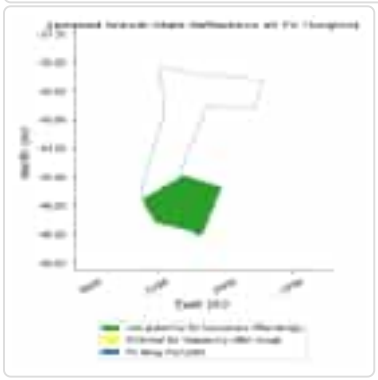
PV array is expected to produce the following glare for this receptor:

- 1,105 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





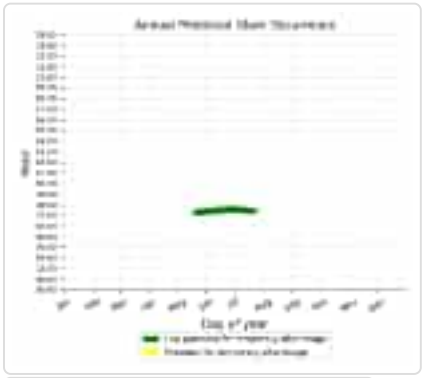


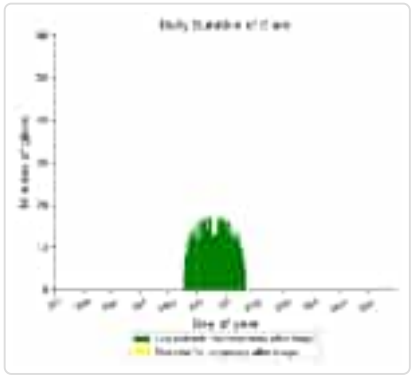


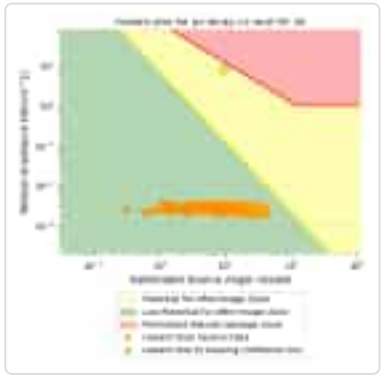
PV array 14: OP 38

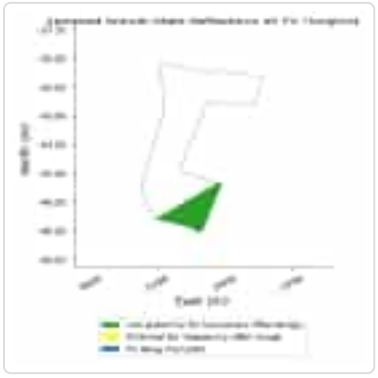
PV array is expected to produce the following glare for this receptor:

- 893 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





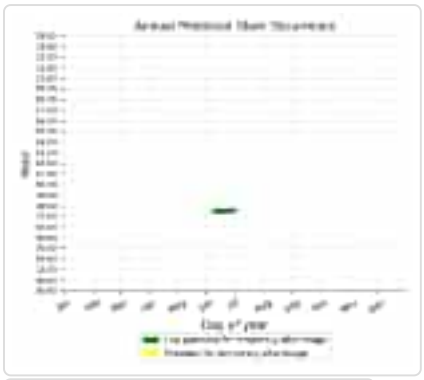


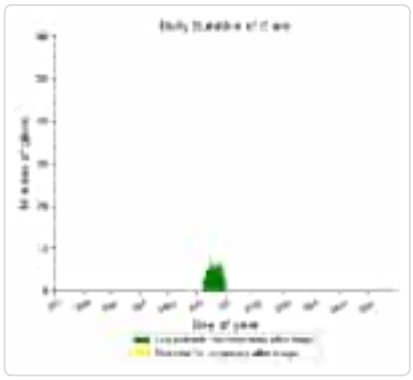


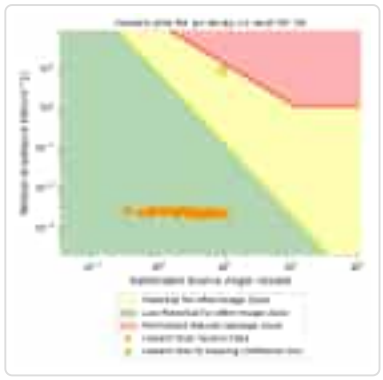
PV array 14: OP 39

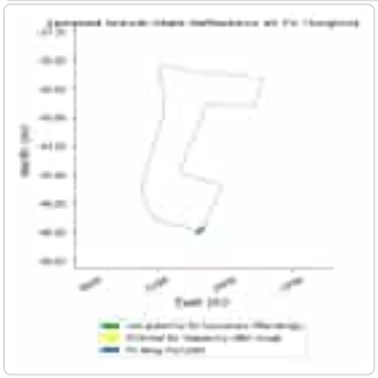
PV array is expected to produce the following glare for this receptor:

- 127 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14: OP 40

No glare found

PV array 14: OP 41

No glare found

PV array 14: OP 42

No glare found

PV array 14: OP 43

No glare found

PV array 14: OP 44

No glare found

PV array 14: OP 45

No glare found

PV array 14: OP 46

No glare found

PV array 14: OP 47

No glare found

PV array 14: OP 48

No glare found

PV array 14: OP 49

No glare found

PV array 14: OP 50

No glare found

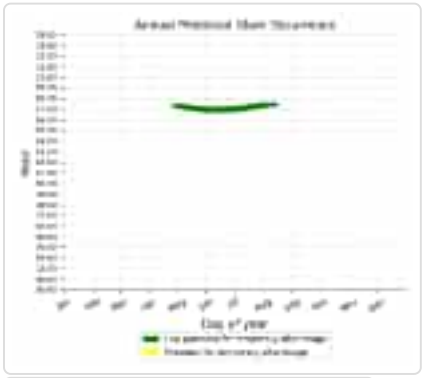
PV array 14: OP 51

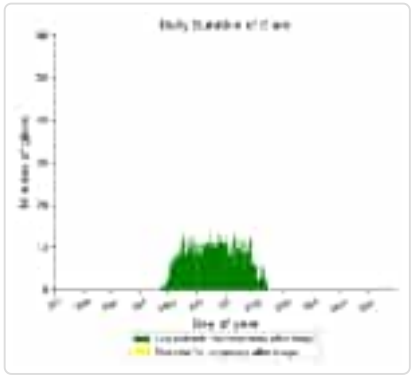
No glare found

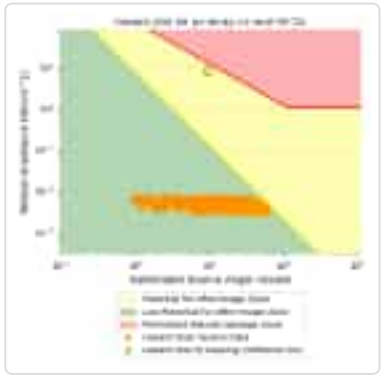
PV array 14: OP 52

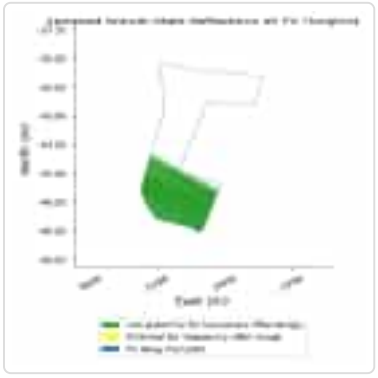
PV array is expected to produce the following glare for this receptor:

- 957 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









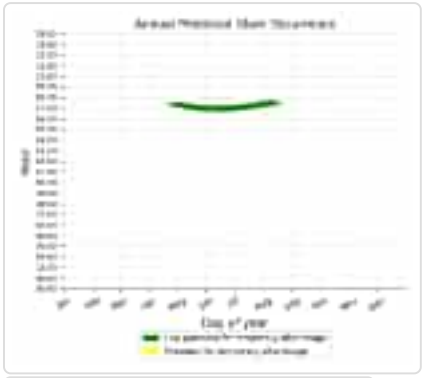
PV array 14: OP 53

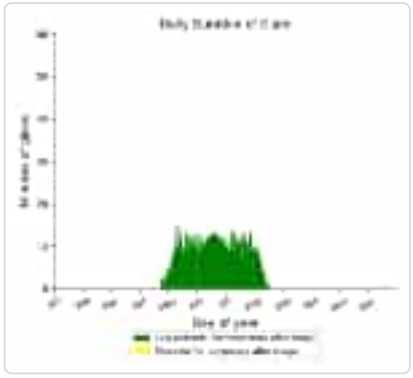
No glare found

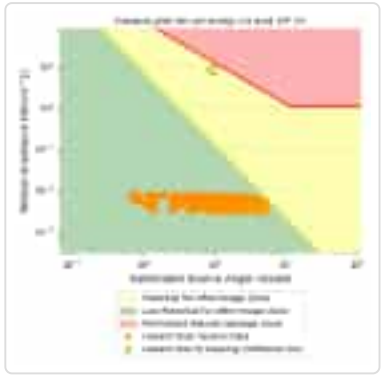
PV array 14: OP 54

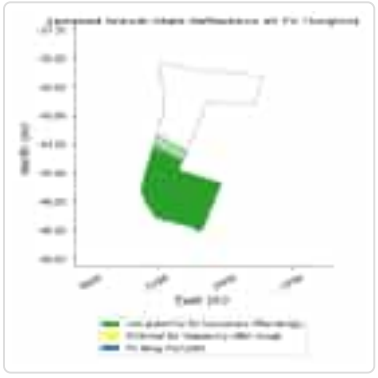
PV array is expected to produce the following glare for this receptor:

- 1,129 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





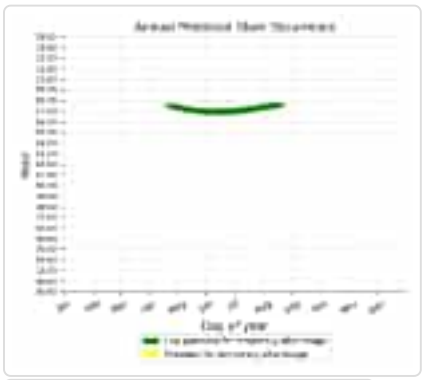


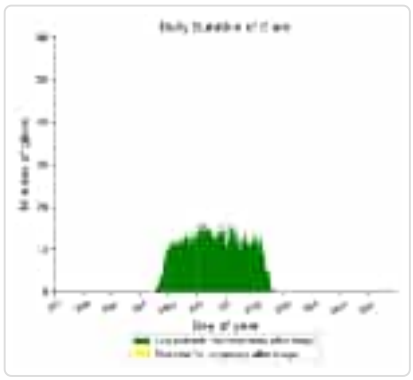


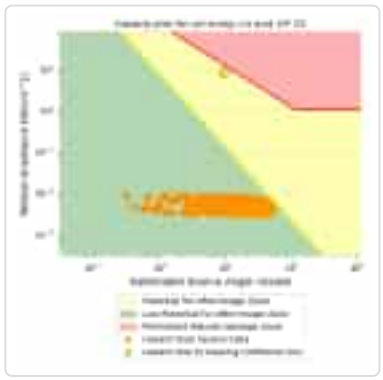
PV array 14: OP 55

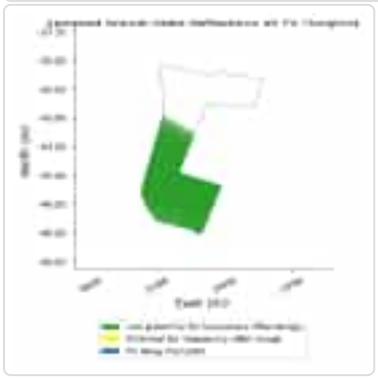
PV array is expected to produce the following glare for this receptor:

- 1,425 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





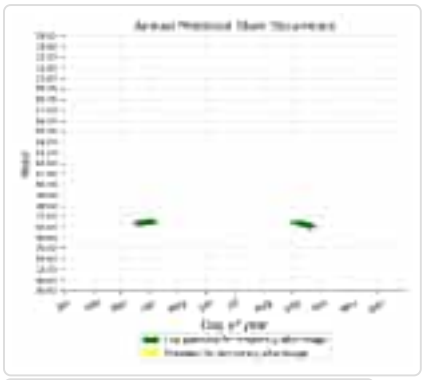


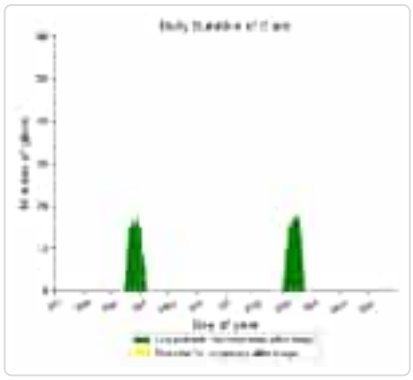


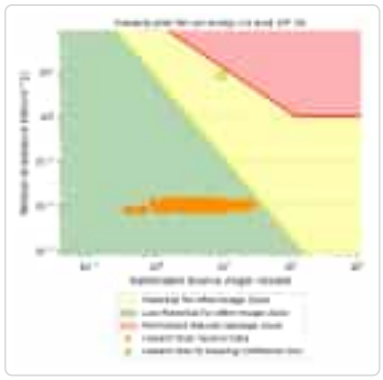
PV array 14: OP 56

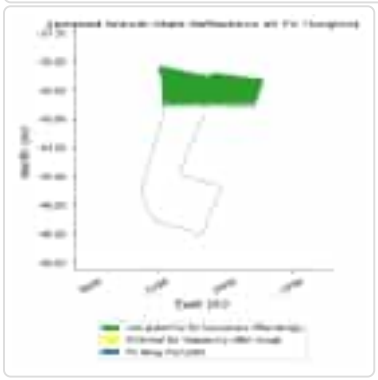
PV array is expected to produce the following glare for this receptor:

- 587 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





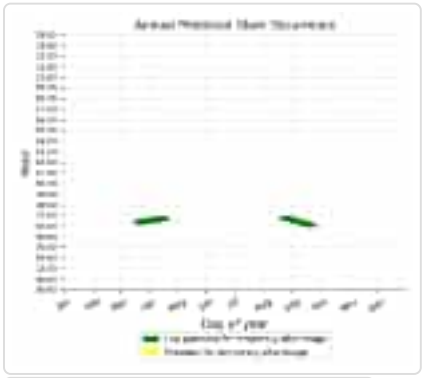


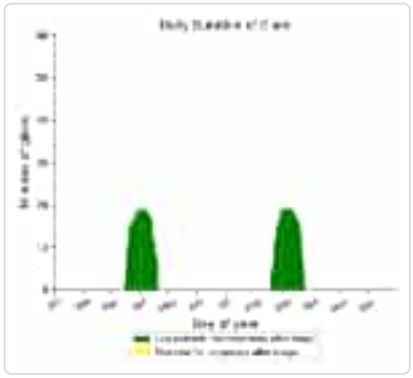


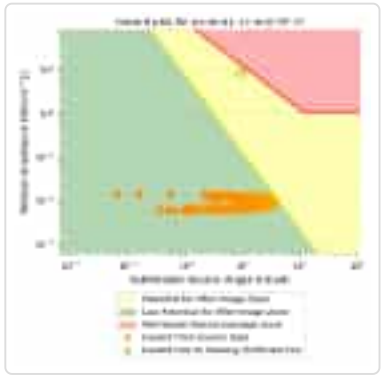
PV array 14: OP 57

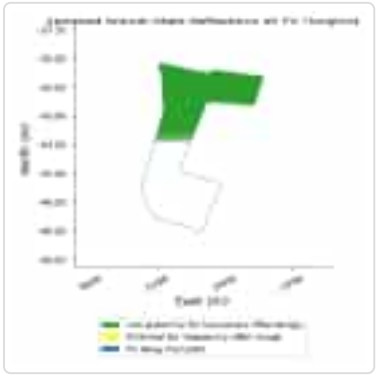
PV array is expected to produce the following glare for this receptor:

- 1,104 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





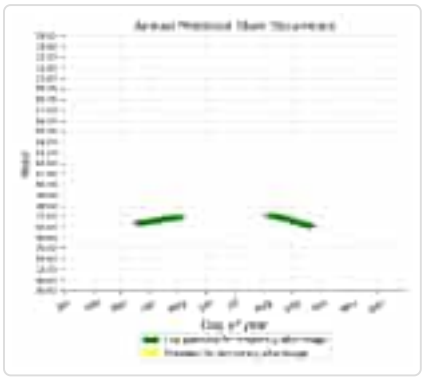


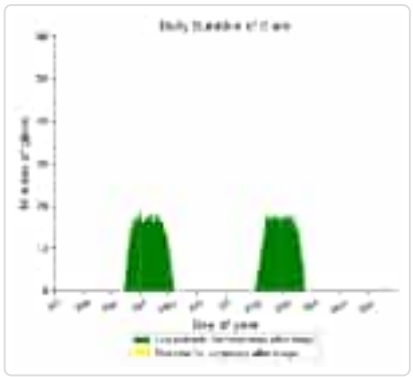


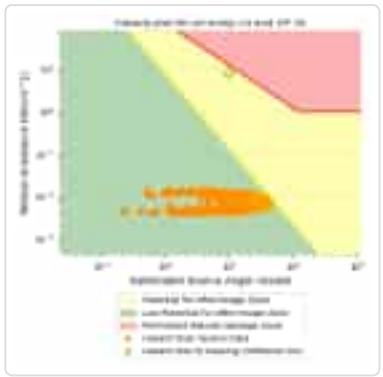
PV array 14: OP 58

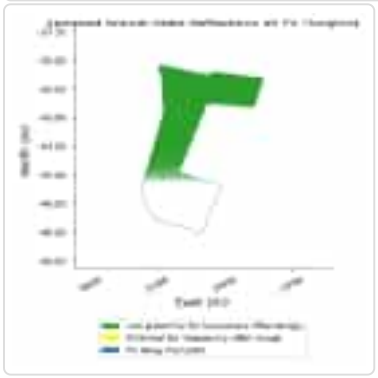
PV array is expected to produce the following glare for this receptor:

- 1,497 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





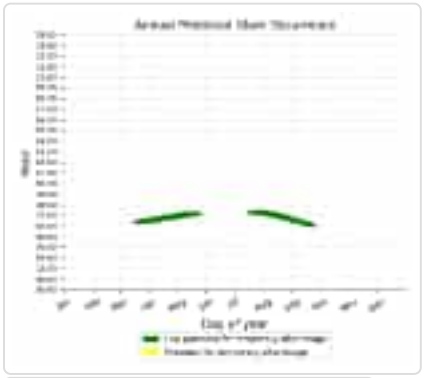


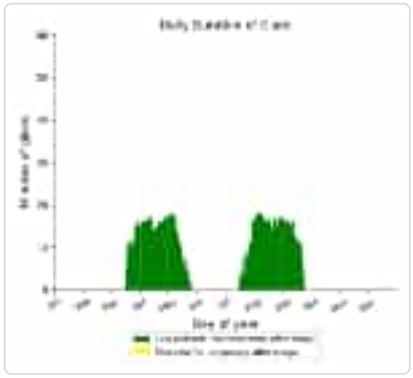


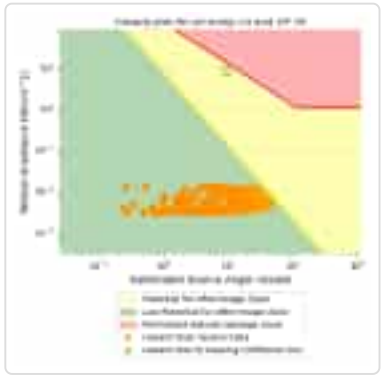
PV array 14: OP 59

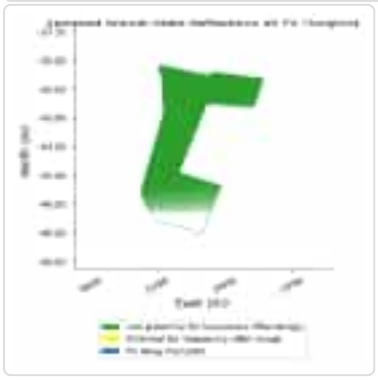
PV array is expected to produce the following glare for this receptor:

- 1,915 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





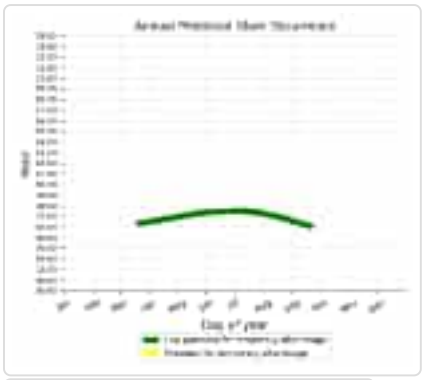


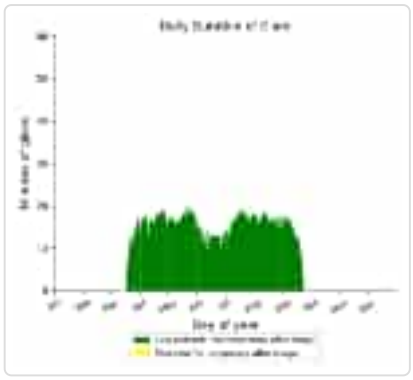


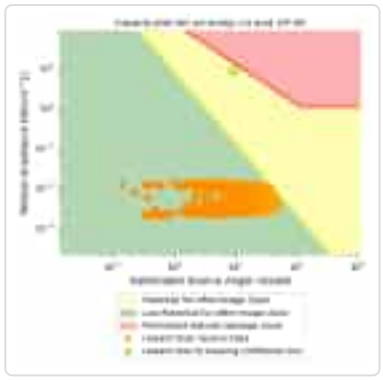
PV array 14: OP 60

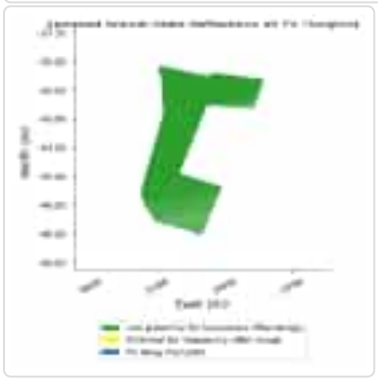
PV array is expected to produce the following glare for this receptor:

- 2,976 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





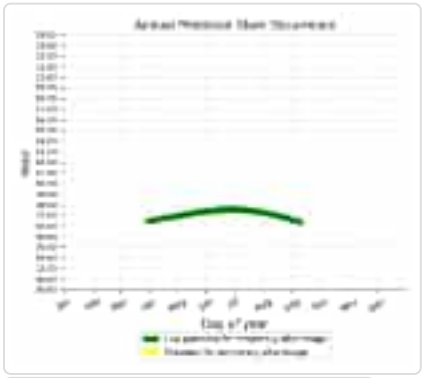


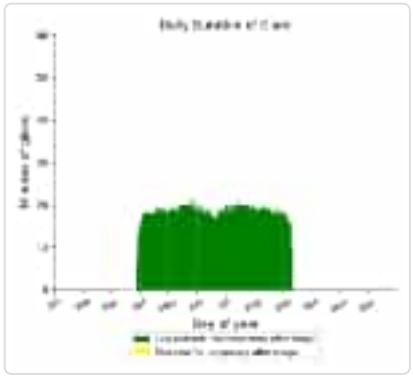


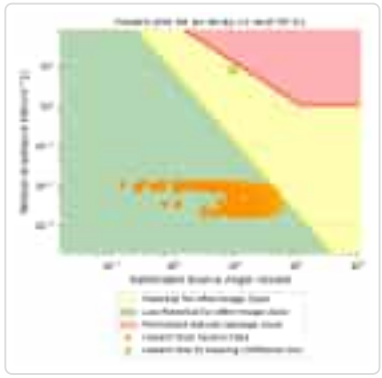
PV array 14: OP 61

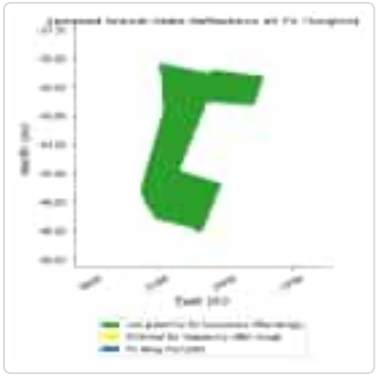
PV array is expected to produce the following glare for this receptor:

- 3,103 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





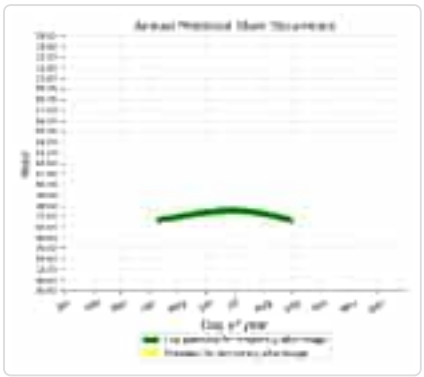


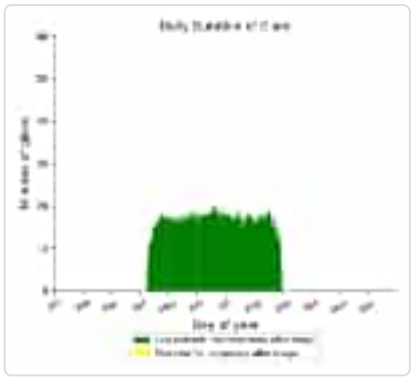


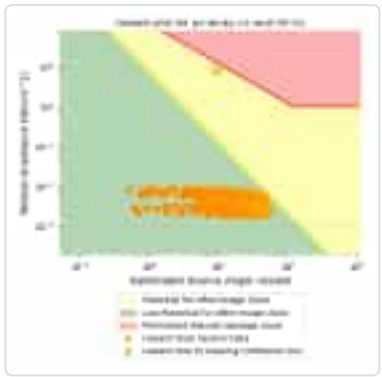
PV array 14: OP 62

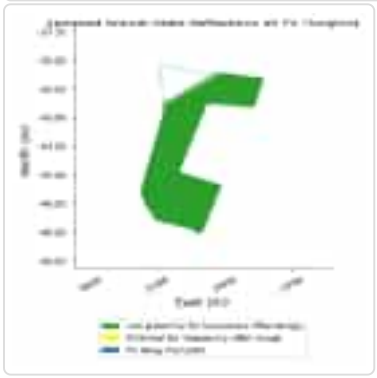
PV array is expected to produce the following glare for this receptor:

- 2,441 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





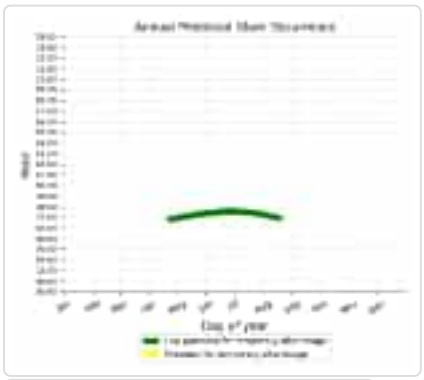


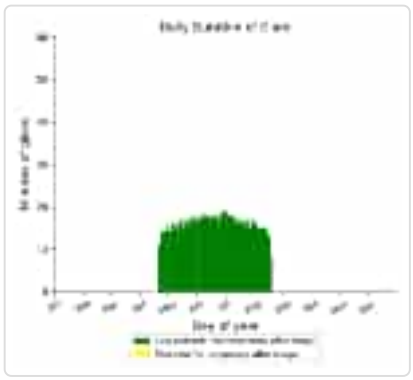


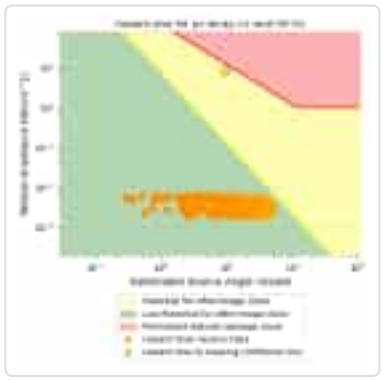
PV array 14: OP 63

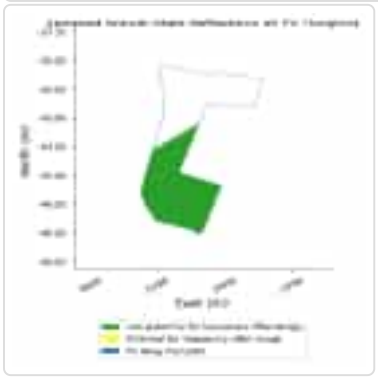
PV array is expected to produce the following glare for this receptor:

- 1,981 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





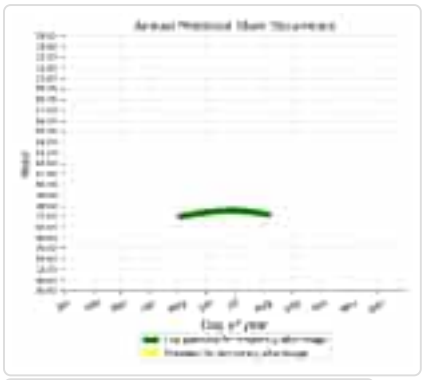


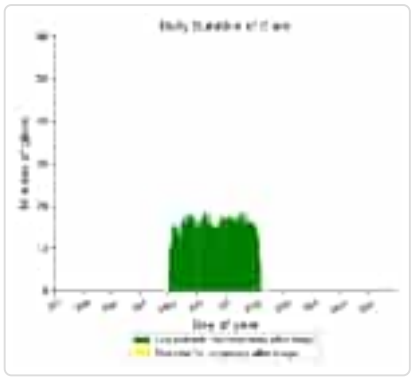


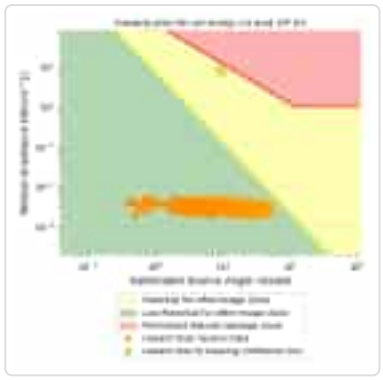
PV array 14: OP 64

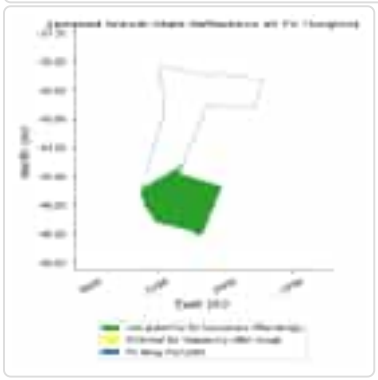
PV array is expected to produce the following glare for this receptor:

- 1,582 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)

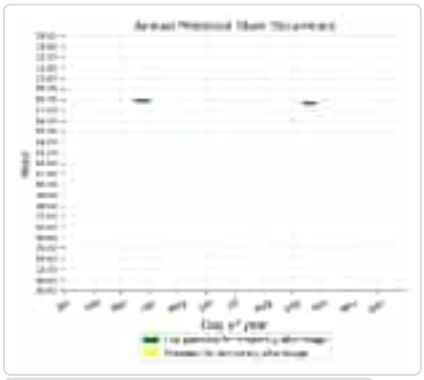
OP: OP 1	67	0
OP: OP 2	631	0
OP: OP 3	2024	0
OP: OP 4	0	0
OP: OP 5	1734	0
OP: OP 6	92	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	572	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	511	0
OP: OP 16	362	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	611	0
OP: OP 21	692	0
OP: OP 22	498	0
OP: OP 23	0	0
OP: OP 24	1177	2598
OP: OP 25	1264	3298
OP: OP 26	2415	0
OP: OP 27	386	0
OP: OP 28	1534	0
OP: OP 29	24	0
OP: OP 30	21	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	1137	0
OP: OP 36	1488	0
OP: OP 37	1479	0
OP: OP 38	1612	0
OP: OP 39	1305	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	1479	0
OP: OP 51	2531	0
OP: OP 52	2274	0
OP: OP 53	2054	0
OP: OP 54	43	0

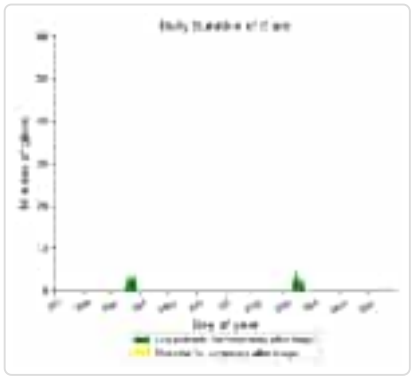
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	40	0
OP: OP 59	357	0
OP: OP 60	859	0
OP: OP 61	1127	0
OP: OP 62	1277	0
OP: OP 63	1487	0
OP: OP 64	1698	0

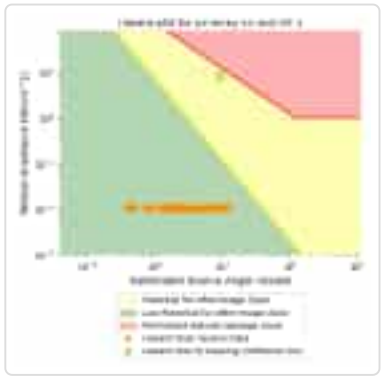
PV array 15: OP 1

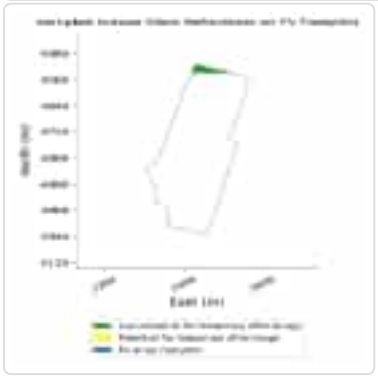
PV array is expected to produce the following glare for this receptor:

- 67 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





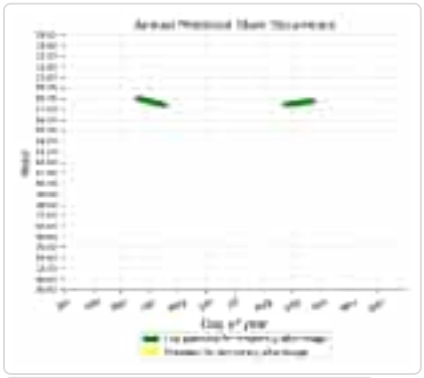


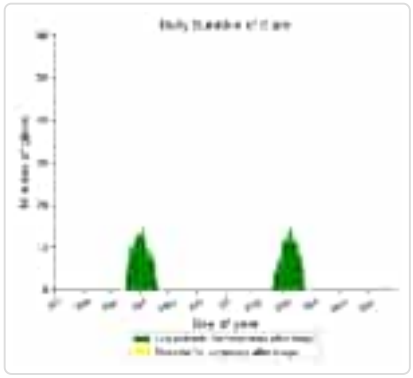


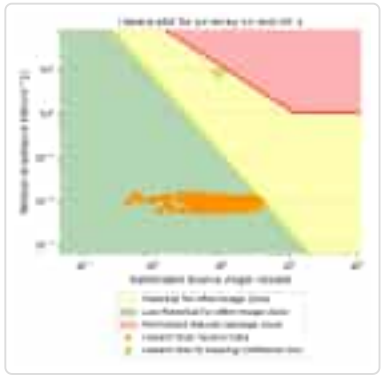
PV array 15: OP 2

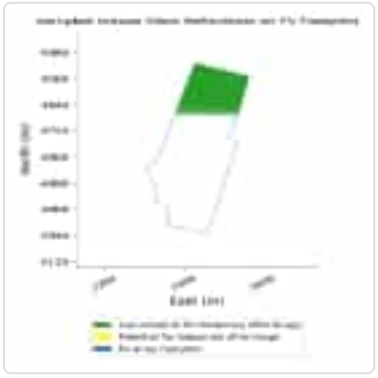
PV array is expected to produce the following glare for this receptor:

- 631 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





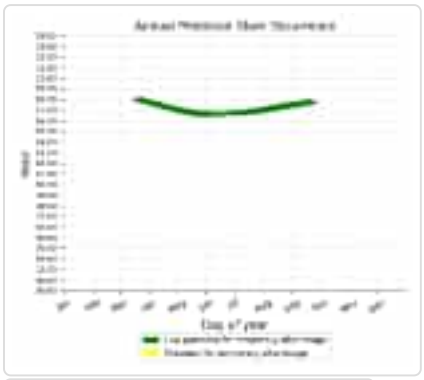


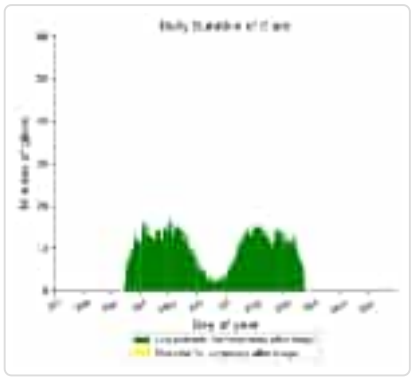


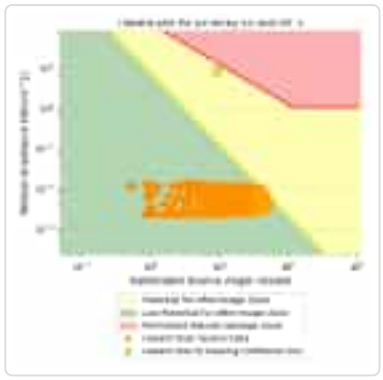
PV array 15: OP 3

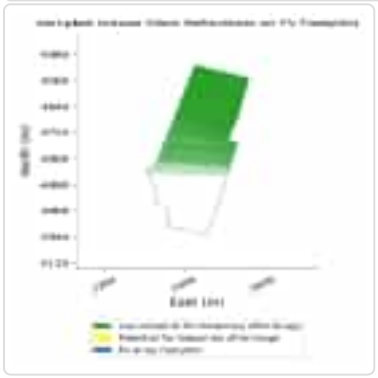
PV array is expected to produce the following glare for this receptor:

- 2,024 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









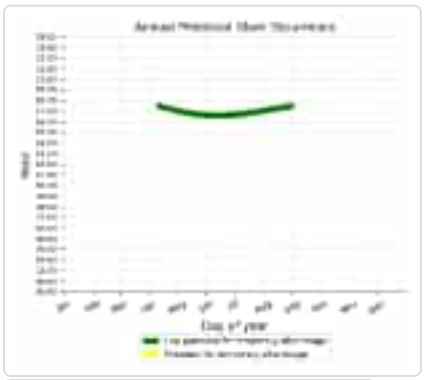
PV array 15: OP 4

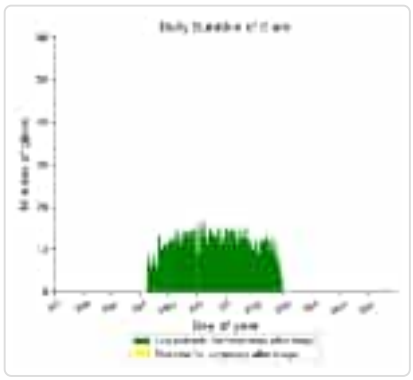
No glare found

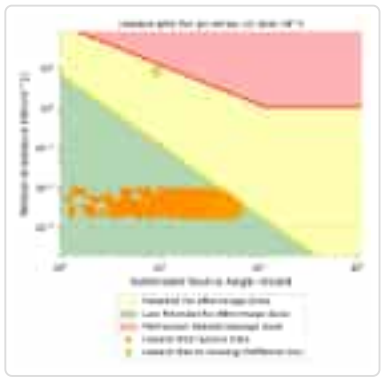
PV array 15: OP 5

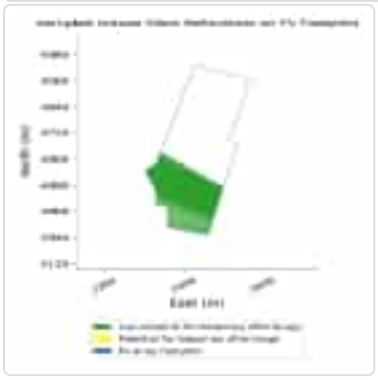
PV array is expected to produce the following glare for this receptor:

- 1,734 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





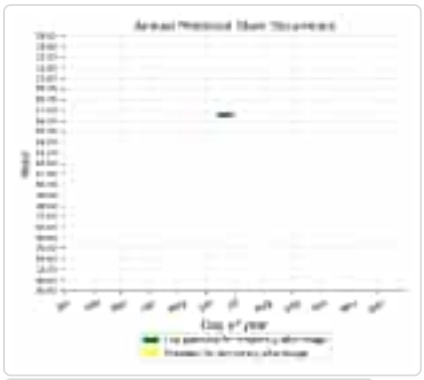


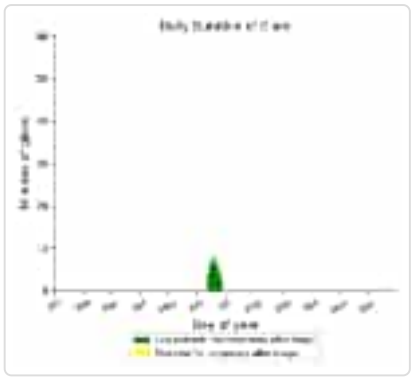


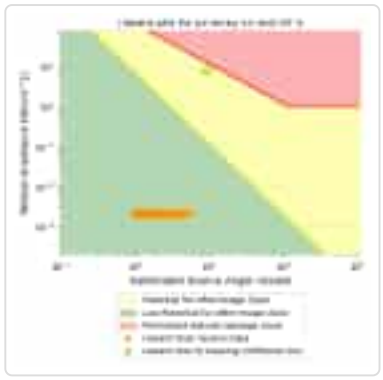
PV array 15: OP 6

PV array is expected to produce the following glare for this receptor:

- 92 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 15: OP 7

No glare found

PV array 15: OP 8

No glare found

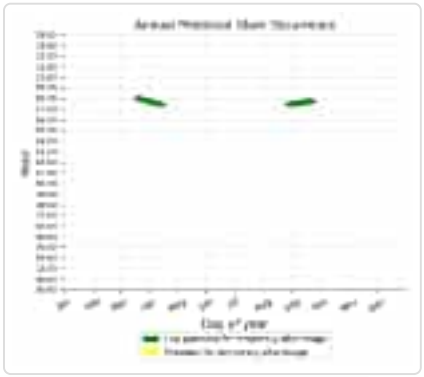
PV array 15: OP 9

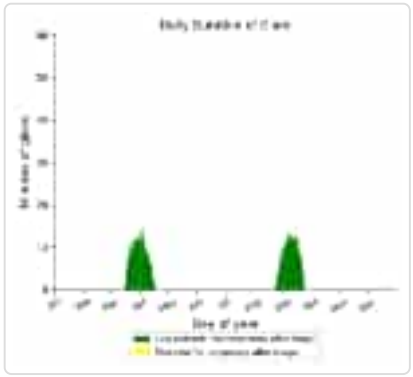
No glare found

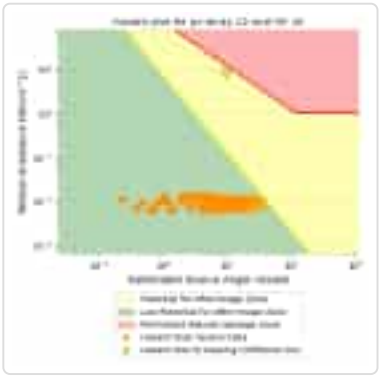
PV array 15: OP 10

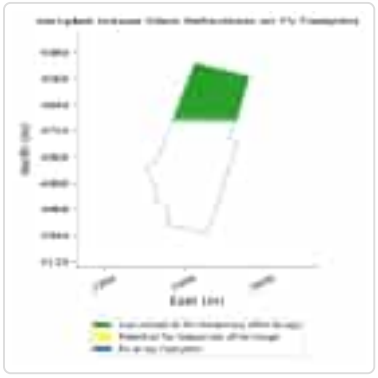
PV array is expected to produce the following glare for this receptor:

- 572 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 11

No glare found

PV array 15: OP 12

No glare found

PV array 15: OP 13

No glare found

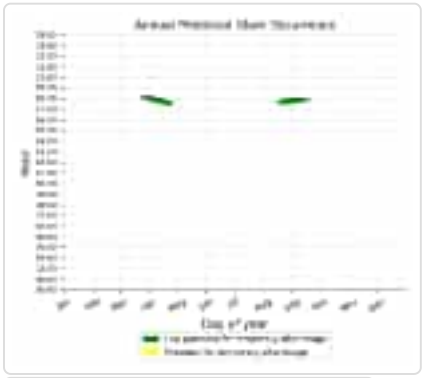
PV array 15: OP 14

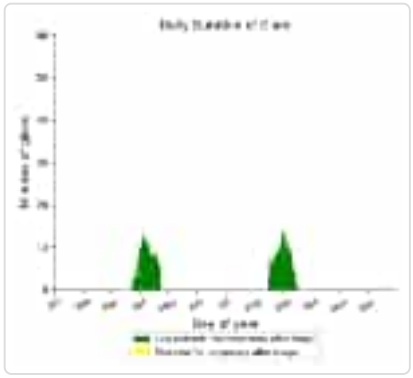
No glare found

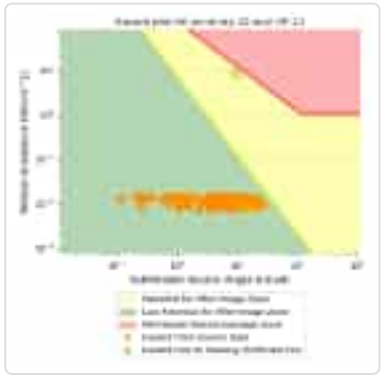
PV array 15: OP 15

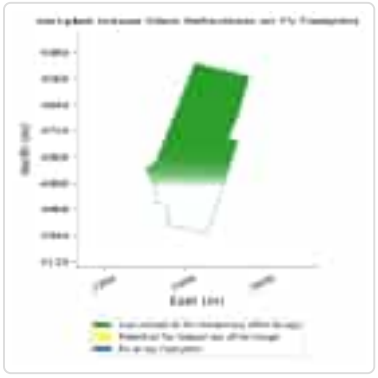
PV array is expected to produce the following glare for this receptor:

- 511 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





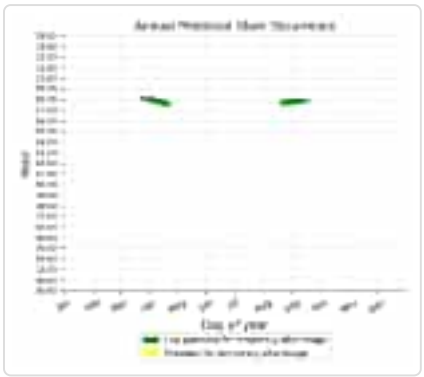


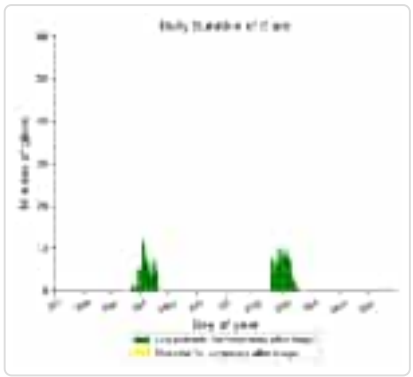


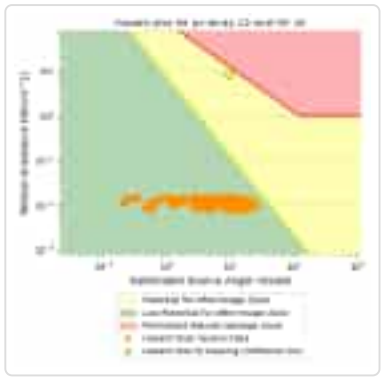
PV array 15: OP 16

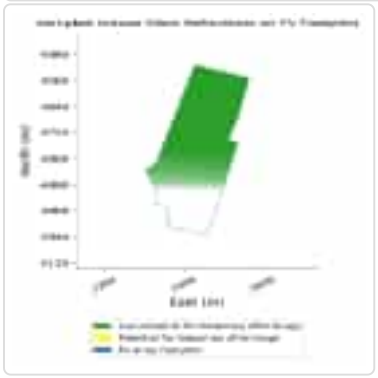
PV array is expected to produce the following glare for this receptor:

- 362 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 17

No glare found

PV array 15: OP 18

No glare found

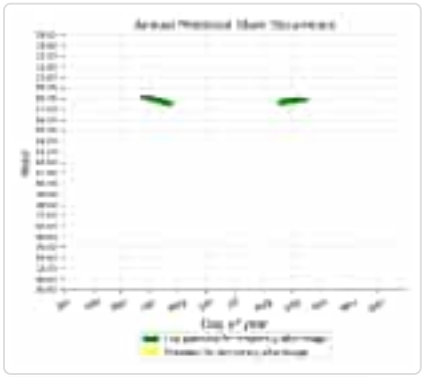
PV array 15: OP 19

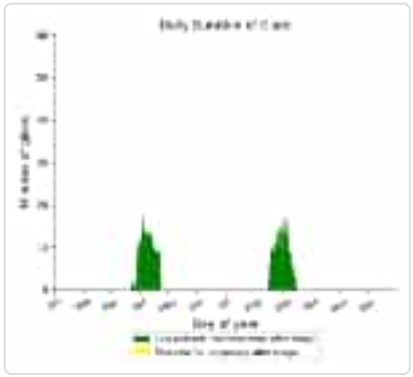
No glare found

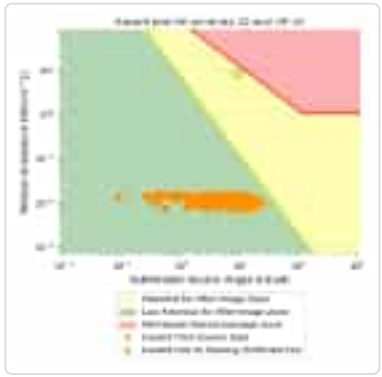
PV array 15: OP 20

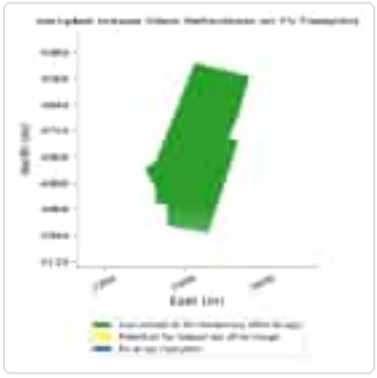
PV array is expected to produce the following glare for this receptor:

- 611 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





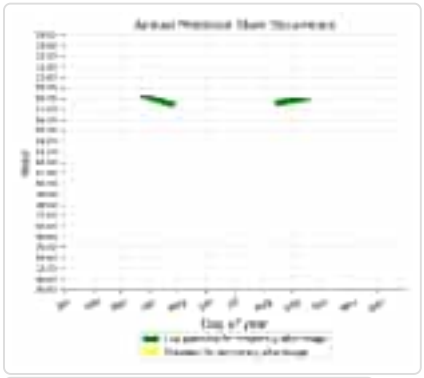


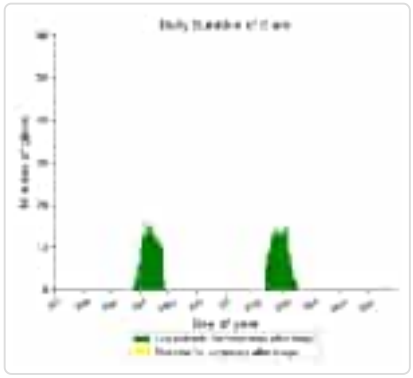


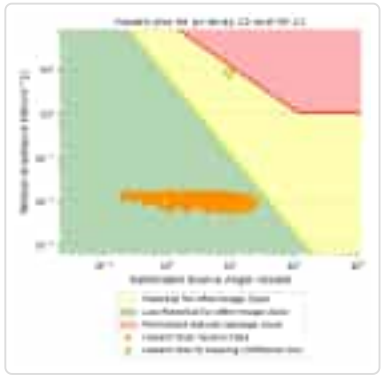
PV array 15: OP 21

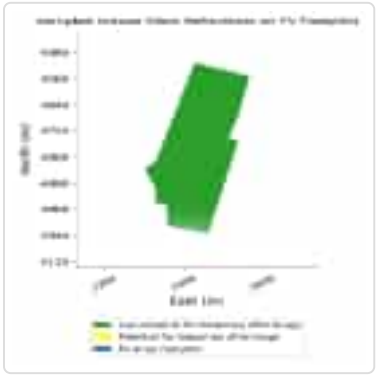
PV array is expected to produce the following glare for this receptor:

- 692 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





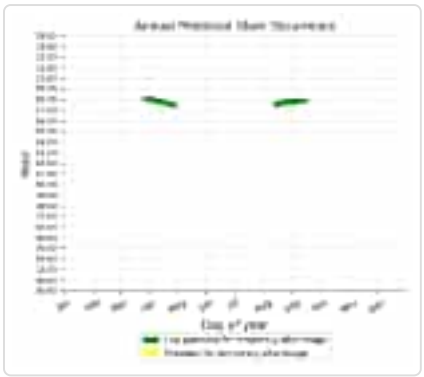


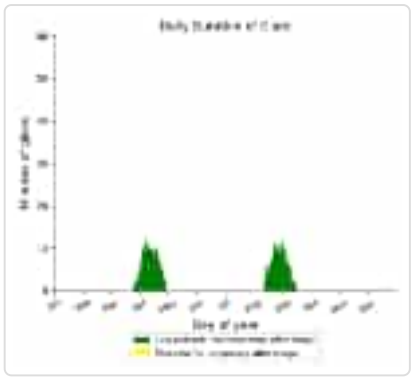


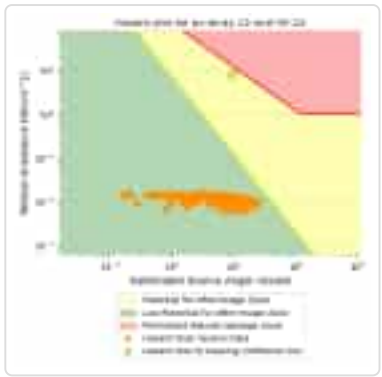
PV array 15: OP 22

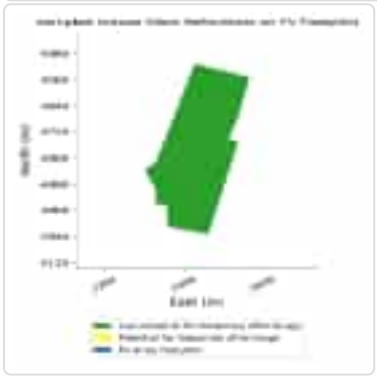
PV array is expected to produce the following glare for this receptor:

- 498 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









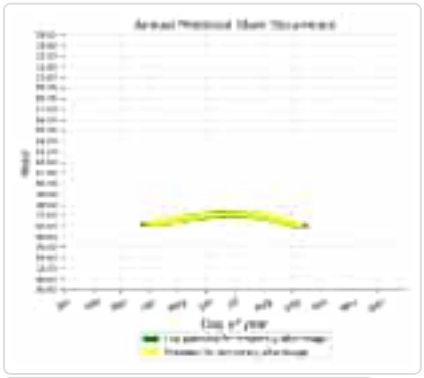
PV array 15: OP 23

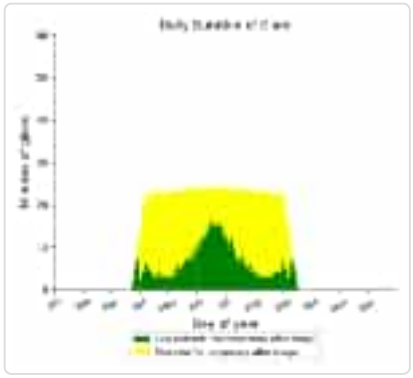
No glare found

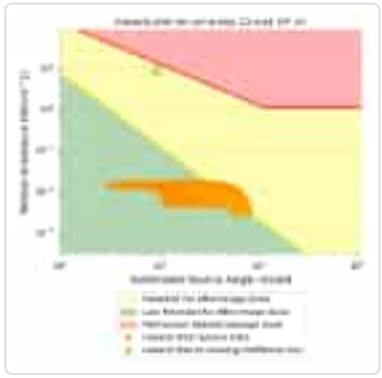
PV array 15: OP 24

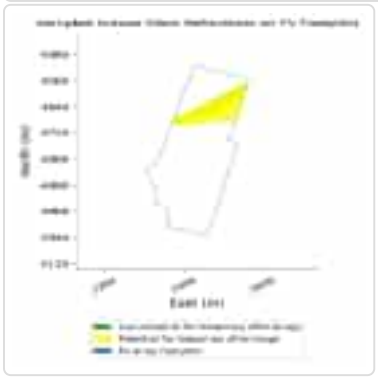
PV array is expected to produce the following glare for this receptor:

- 1,177 minutes of "green" glare with low potential to cause temporary after-image.
- 2,598 minutes of "yellow" glare with potential to cause temporary after-image.





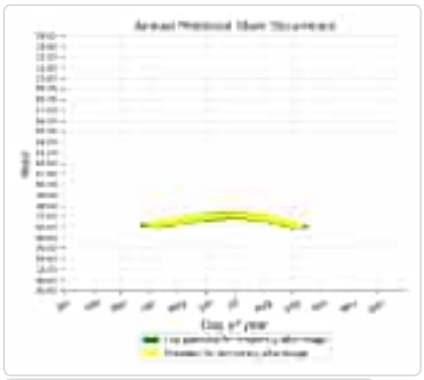


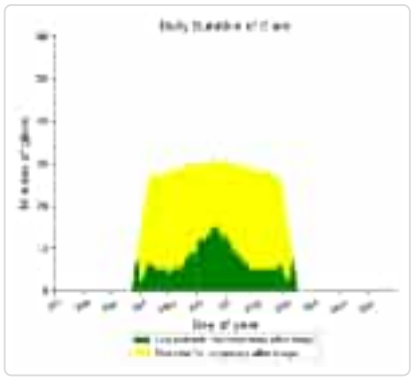


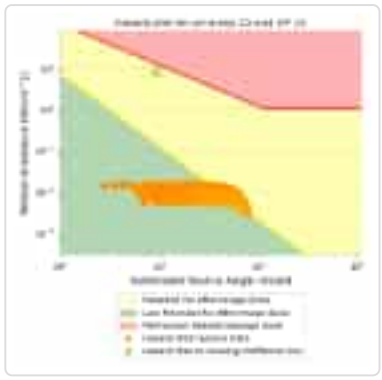
PV array 15: OP 25

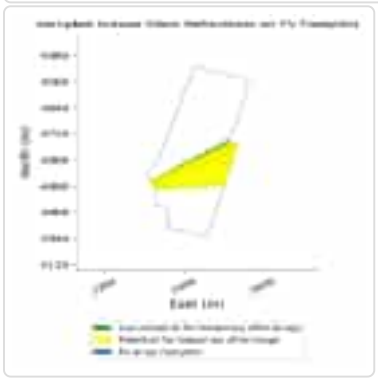
PV array is expected to produce the following glare for this receptor:

- 1,264 minutes of "green" glare with low potential to cause temporary after-image.
- 3,298 minutes of "yellow" glare with potential to cause temporary after-image.





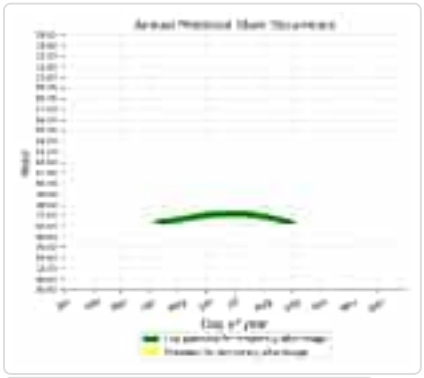


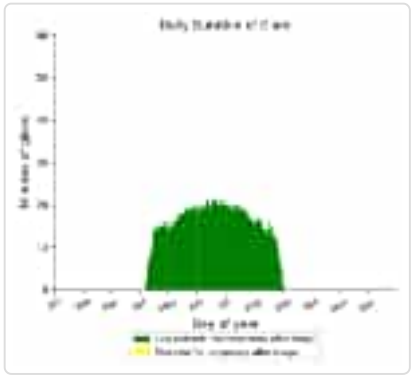


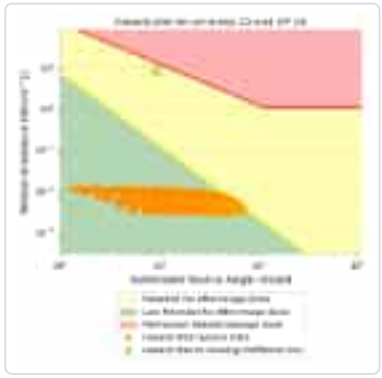
PV array 15: OP 26

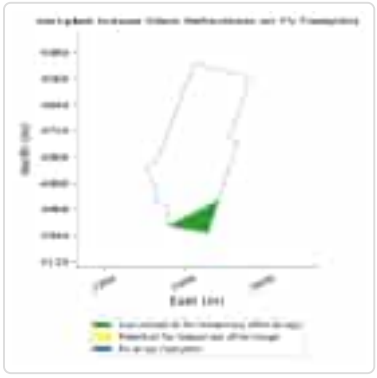
PV array is expected to produce the following glare for this receptor:

- 2,415 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





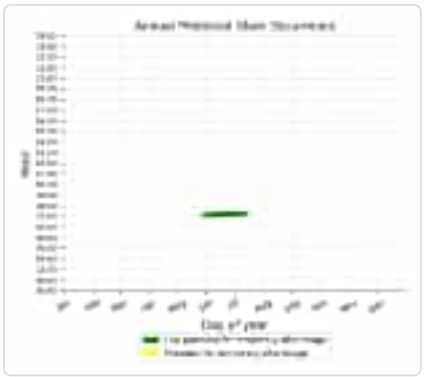


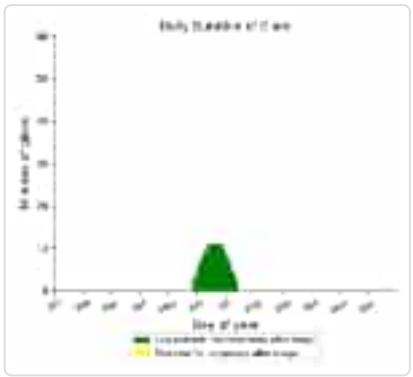


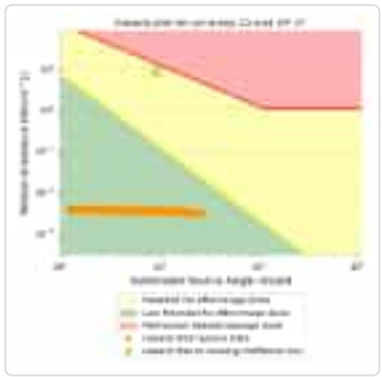
PV array 15: OP 27

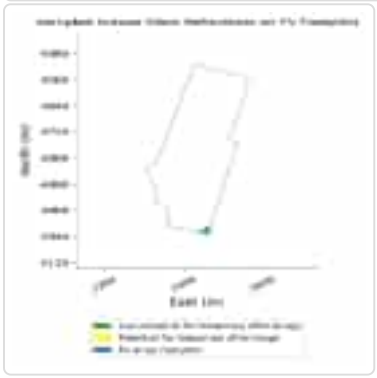
PV array is expected to produce the following glare for this receptor:

- 386 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





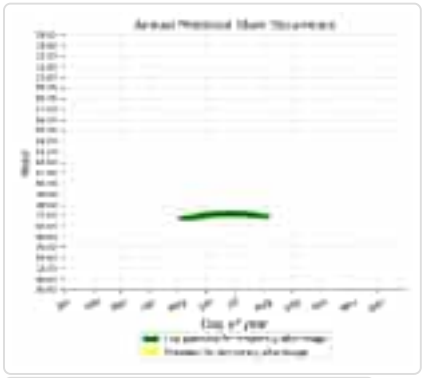


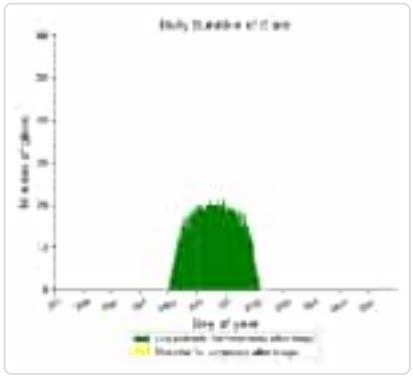


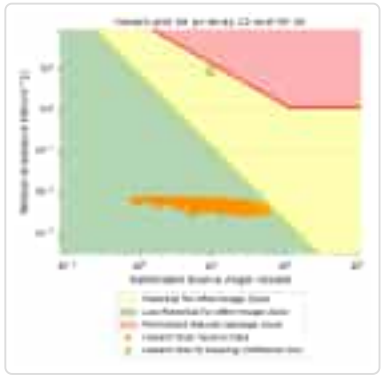
PV array 15: OP 28

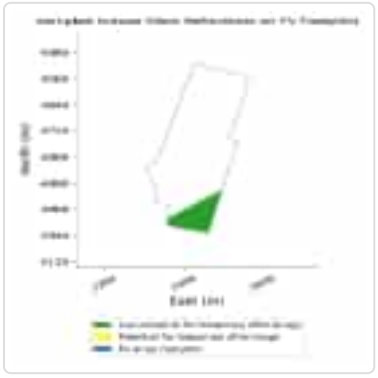
PV array is expected to produce the following glare for this receptor:

- 1,534 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





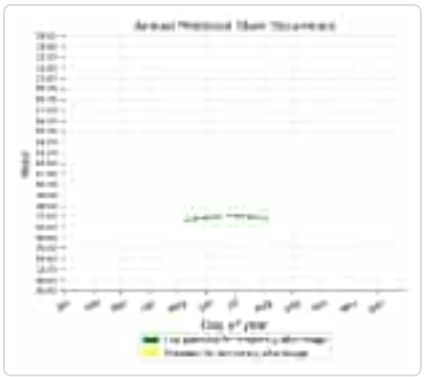


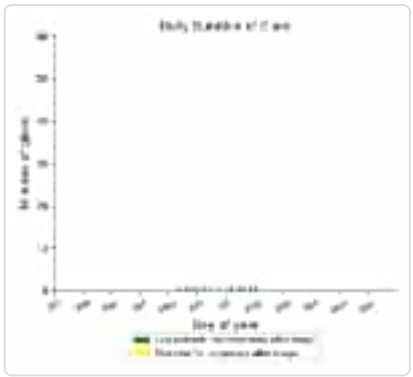


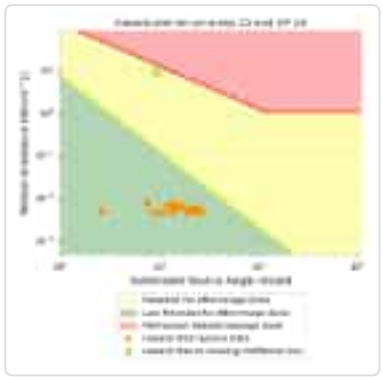
PV array 15: OP 29

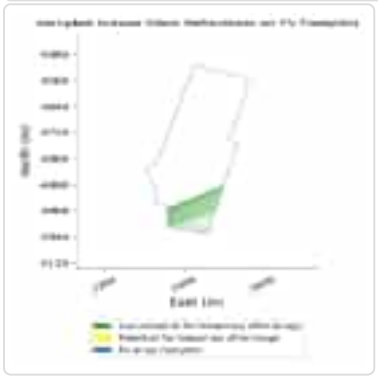
PV array is expected to produce the following glare for this receptor:

- 24 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





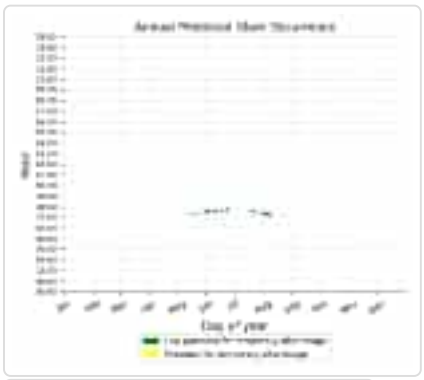


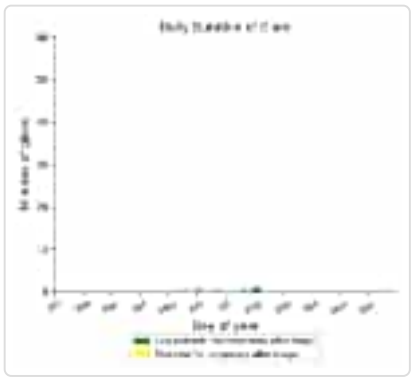


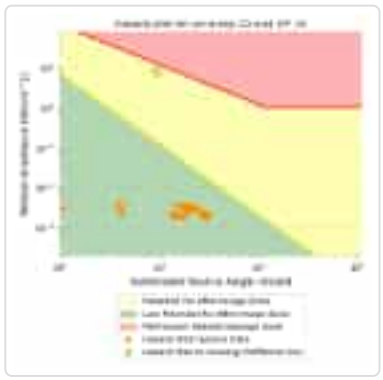
PV array 15: OP 30

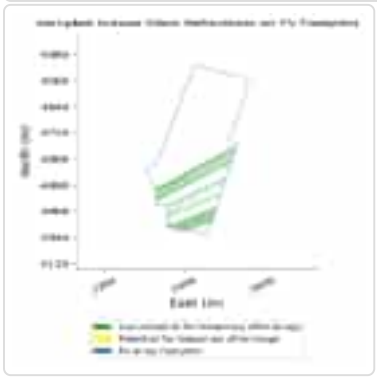
PV array is expected to produce the following glare for this receptor:

- 21 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 31

No glare found

PV array 15: OP 32

No glare found

PV array 15: OP 33

No glare found

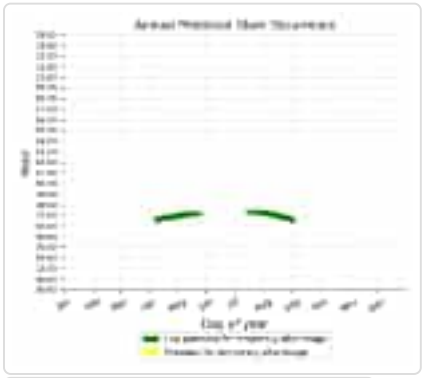
PV array 15: OP 34

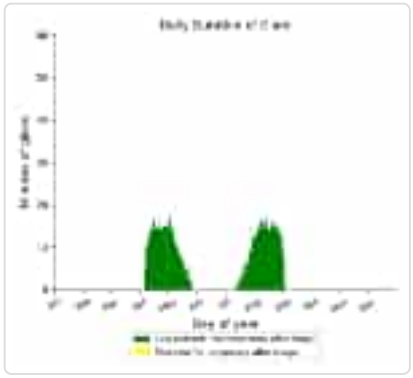
No glare found

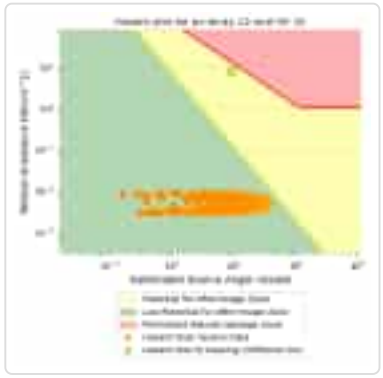
PV array 15: OP 35

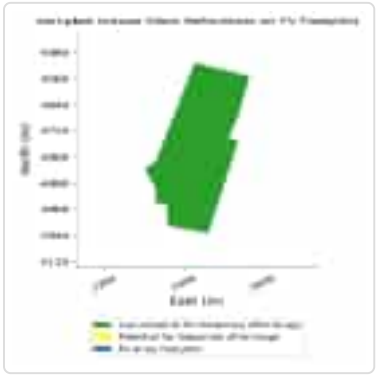
PV array is expected to produce the following glare for this receptor:

- 1,137 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





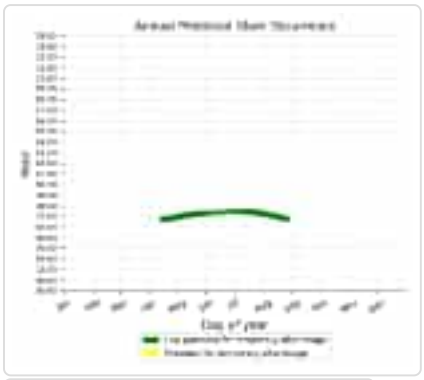


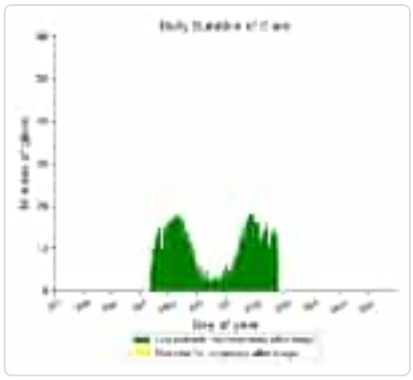


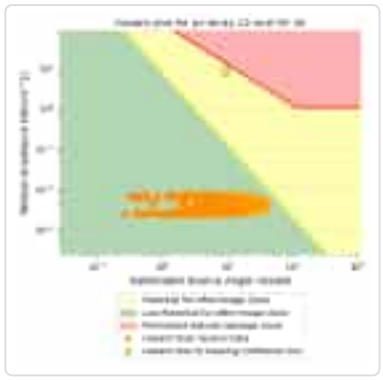
PV array 15: OP 36

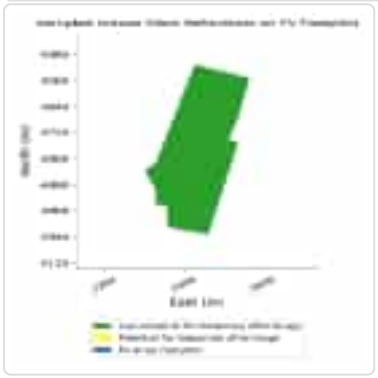
PV array is expected to produce the following glare for this receptor:

- 1,488 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





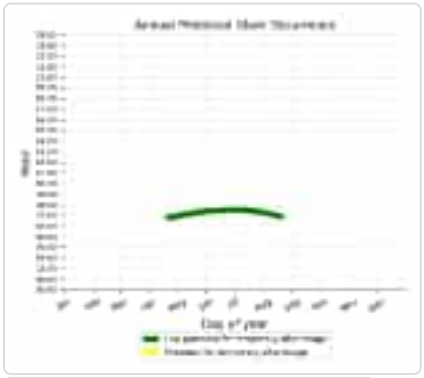


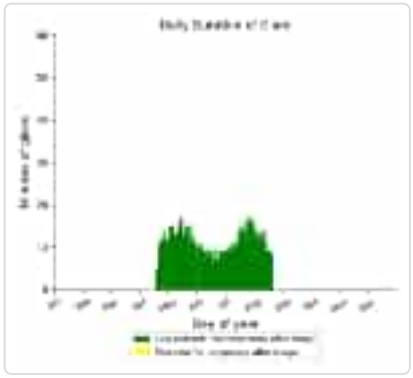


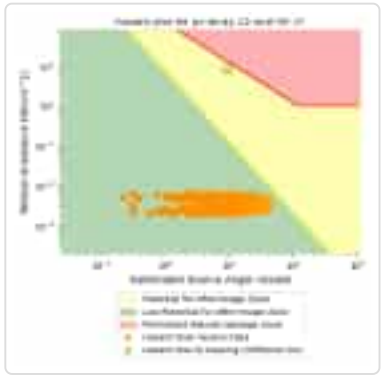
PV array 15: OP 37

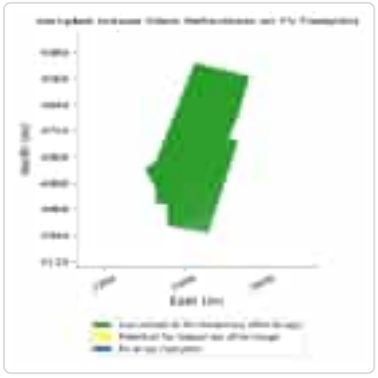
PV array is expected to produce the following glare for this receptor:

- 1,479 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





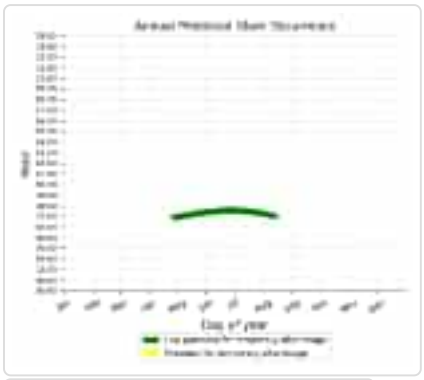


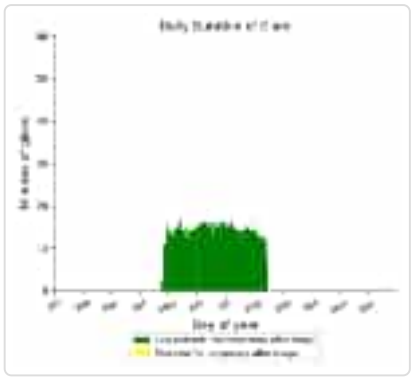


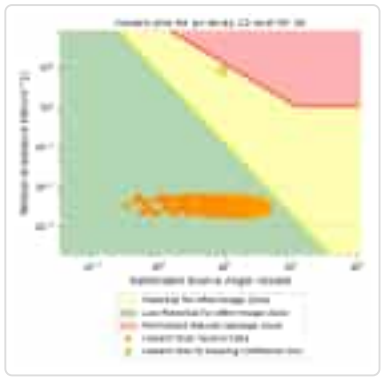
PV array 15: OP 38

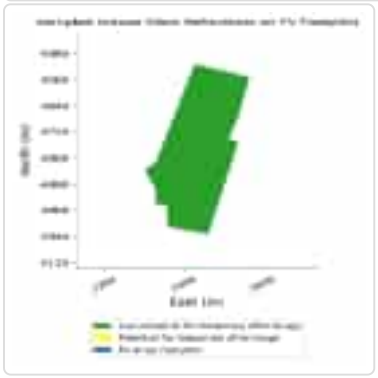
PV array is expected to produce the following glare for this receptor:

- 1,612 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





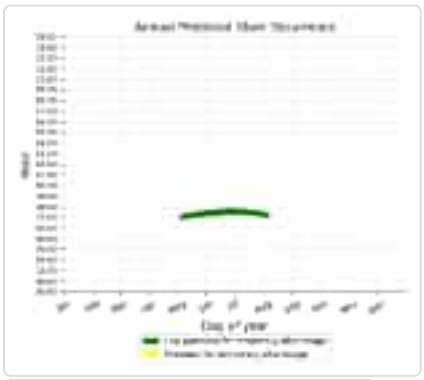


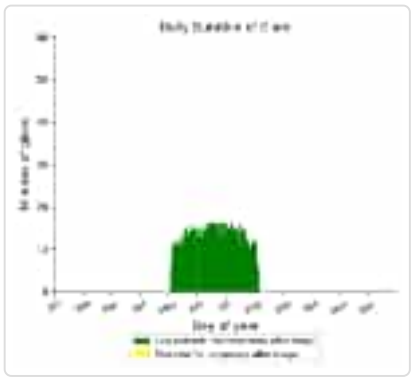


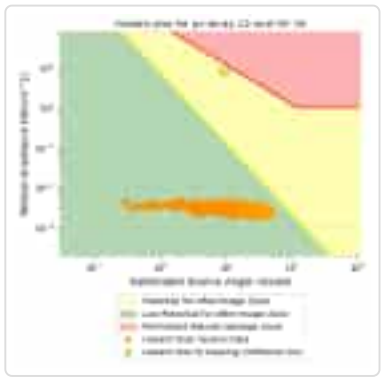
PV array 15: OP 39

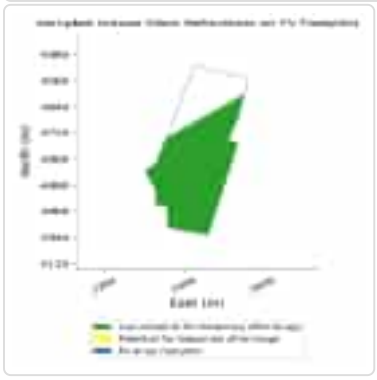
PV array is expected to produce the following glare for this receptor:

- 1,305 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 40

No glare found

PV array 15: OP 41

No glare found

PV array 15: OP 42

No glare found

PV array 15: OP 43

No glare found

PV array 15: OP 44

No glare found

PV array 15: OP 45

No glare found

PV array 15: OP 46

No glare found

PV array 15: OP 47

No glare found

PV array 15: OP 48

No glare found

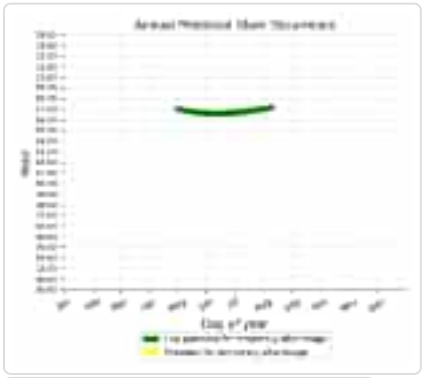
PV array 15: OP 49

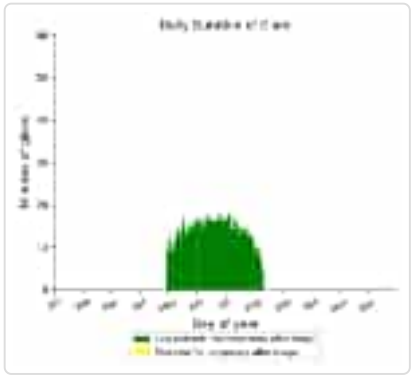
No glare found

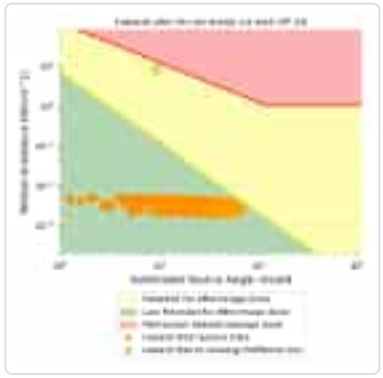
PV array 15: OP 50

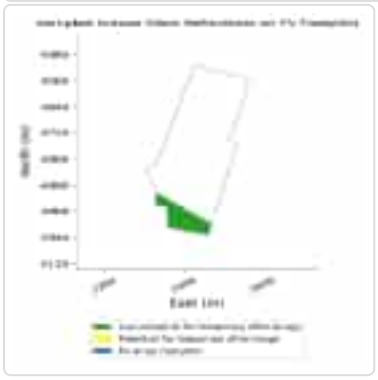
PV array is expected to produce the following glare for this receptor:

- 1,479 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





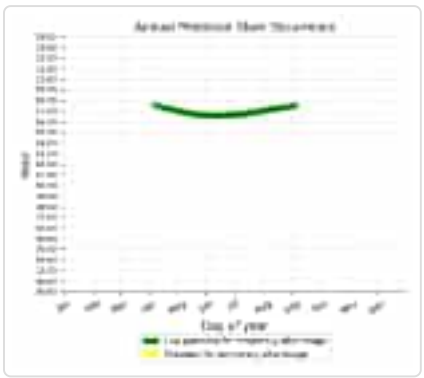


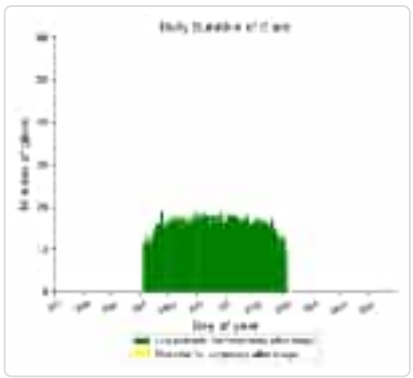


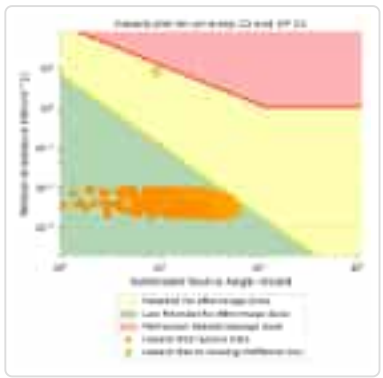
PV array 15: OP 51

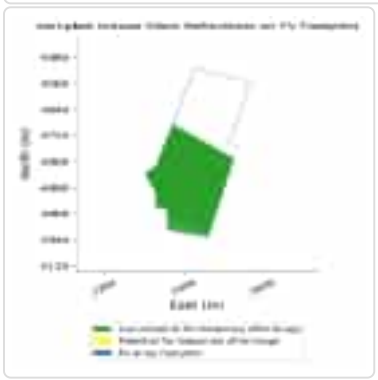
PV array is expected to produce the following glare for this receptor:

- 2,531 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





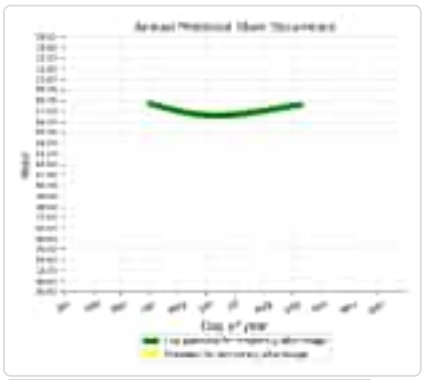


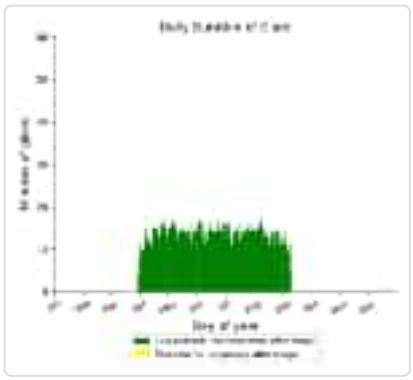


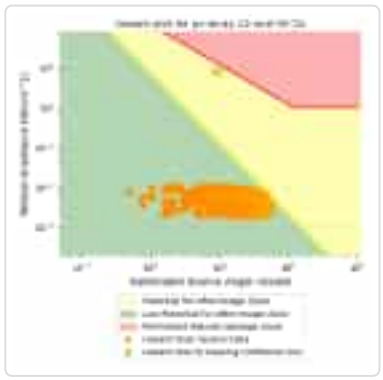
PV array 15: OP 52

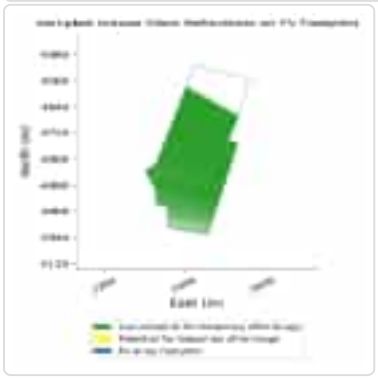
PV array is expected to produce the following glare for this receptor:

- 2,274 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





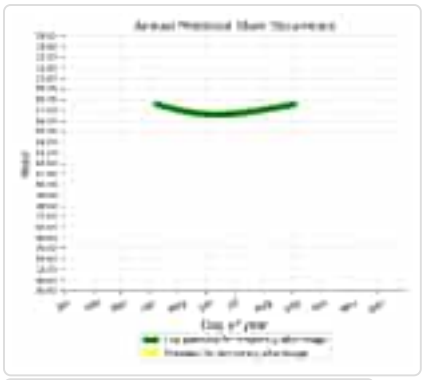


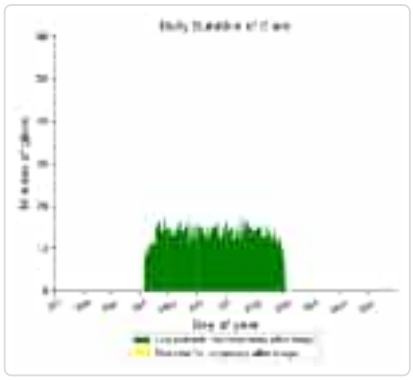


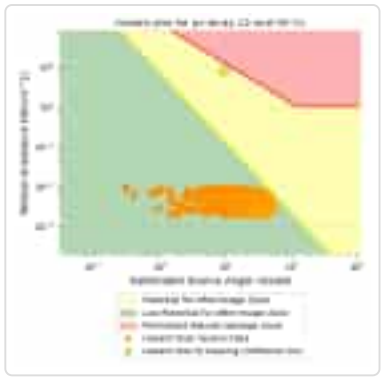
PV array 15: OP 53

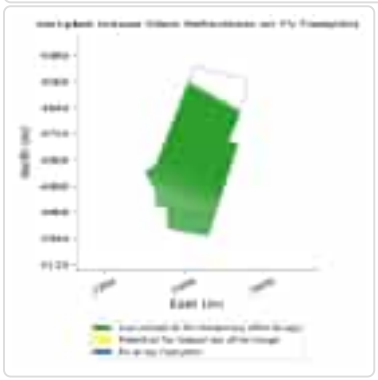
PV array is expected to produce the following glare for this receptor:

- 2,054 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





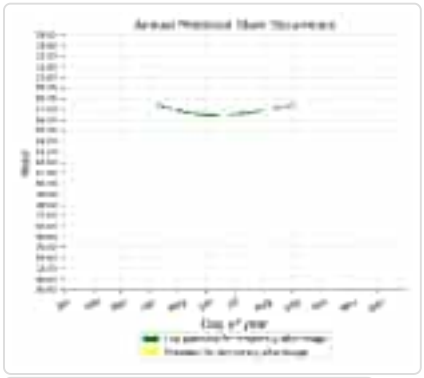


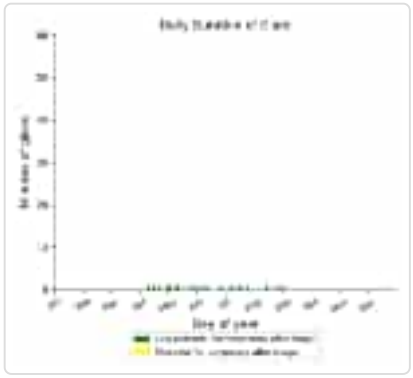


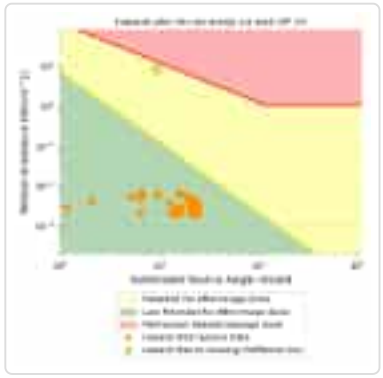
PV array 15: OP 54

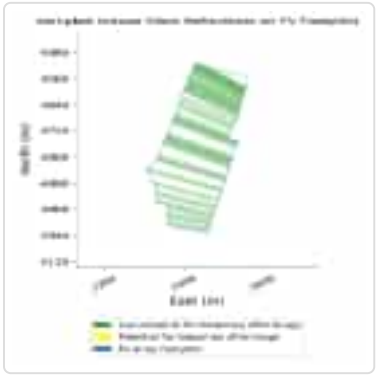
PV array is expected to produce the following glare for this receptor:

- 43 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 55

No glare found

PV array 15: OP 56

No glare found

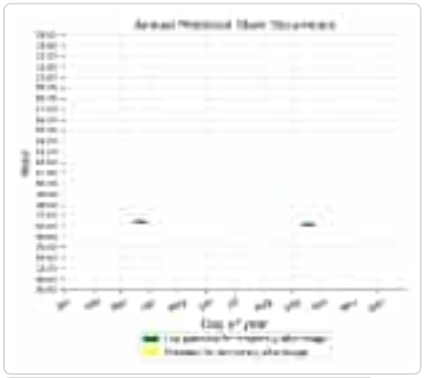
PV array 15: OP 57

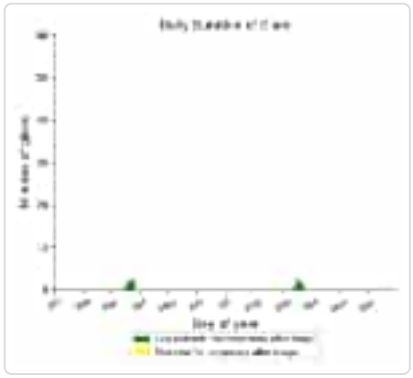
No glare found

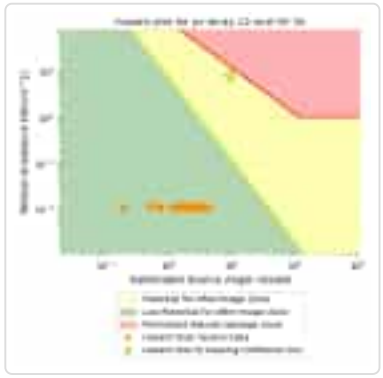
PV array 15: OP 58

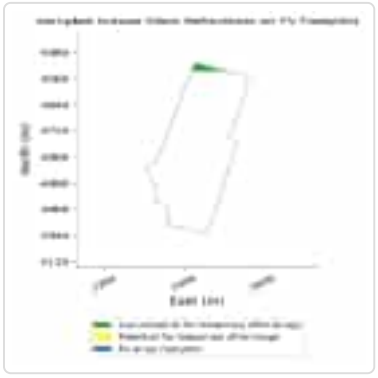
PV array is expected to produce the following glare for this receptor:

- 40 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





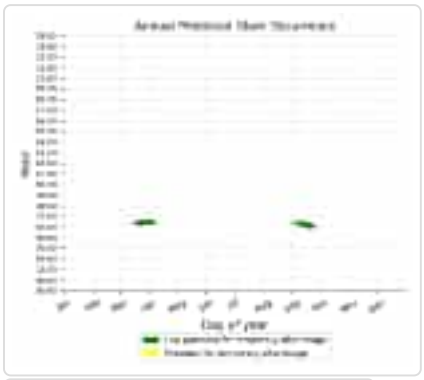


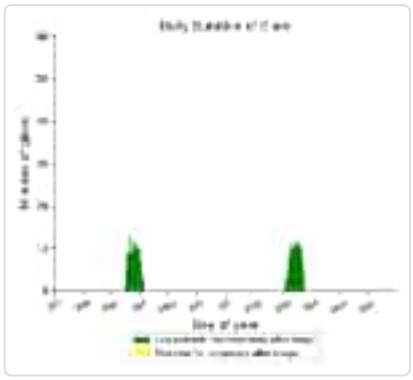


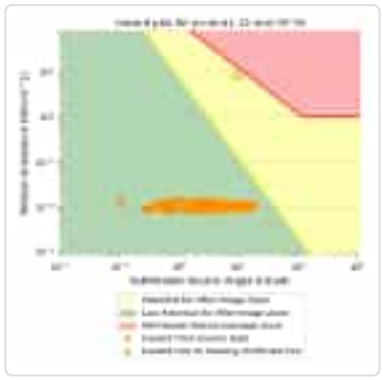
PV array 15: OP 59

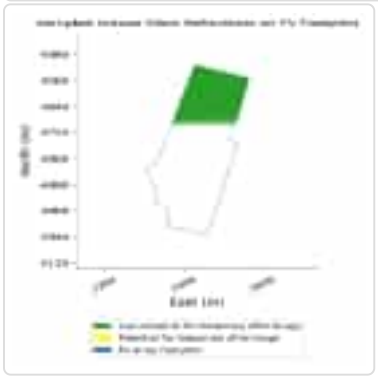
PV array is expected to produce the following glare for this receptor:

- 357 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





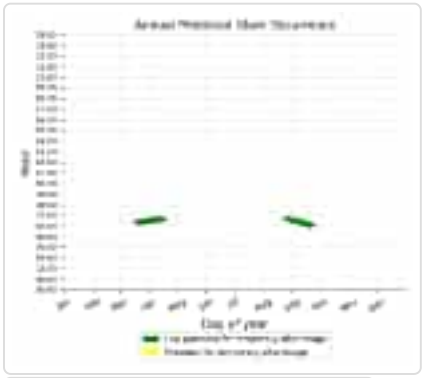


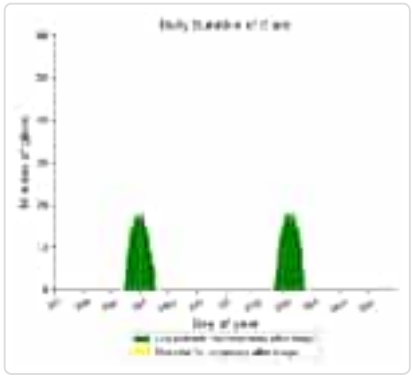


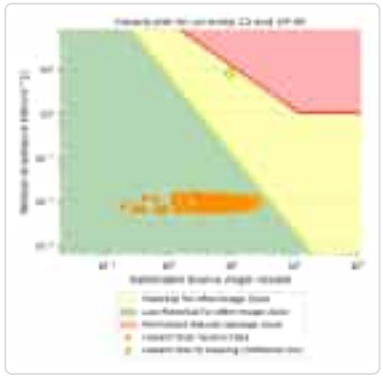
PV array 15: OP 60

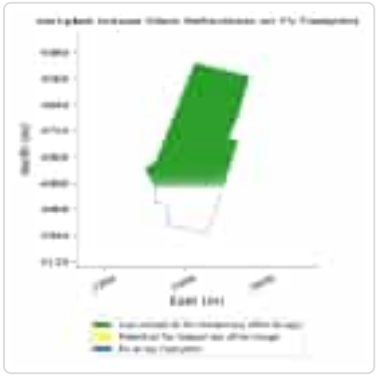
PV array is expected to produce the following glare for this receptor:

- 859 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





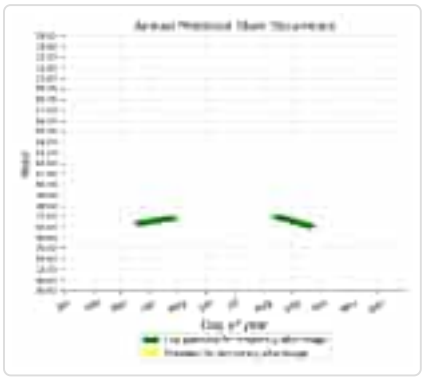


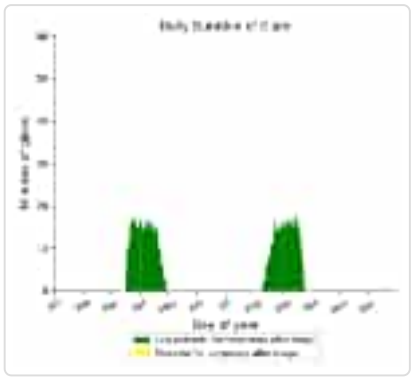


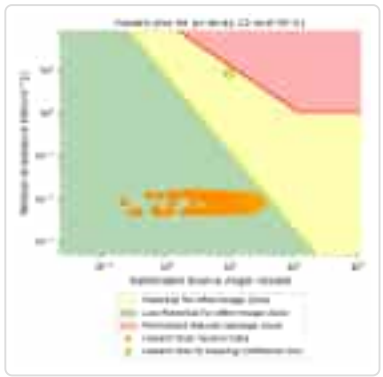
PV array 15: OP 61

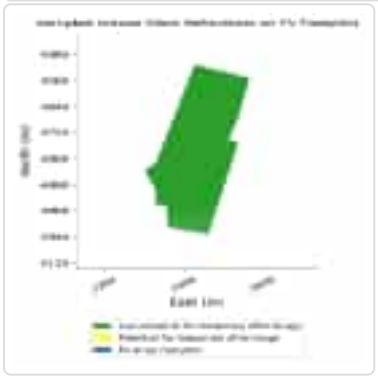
PV array is expected to produce the following glare for this receptor:

- 1,127 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





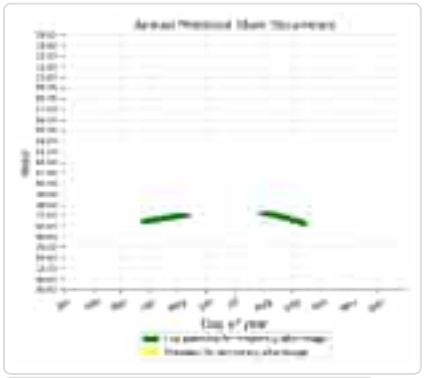


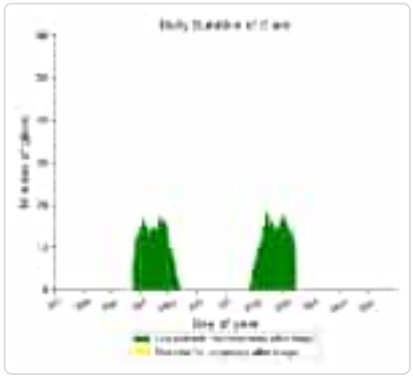


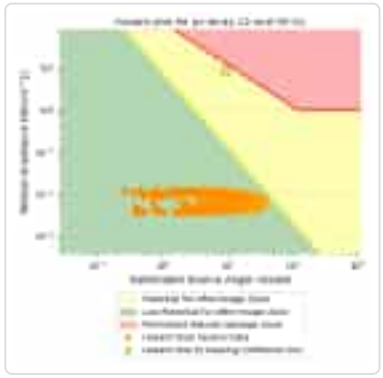
PV array 15: OP 62

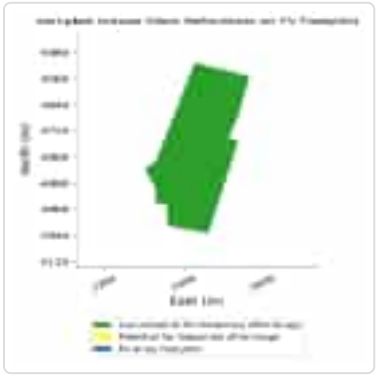
PV array is expected to produce the following glare for this receptor:

- 1,277 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





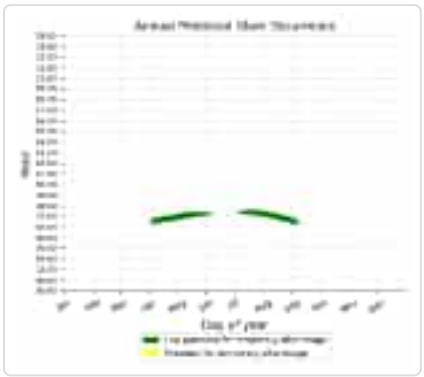


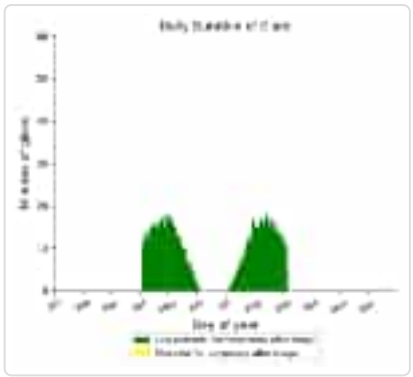


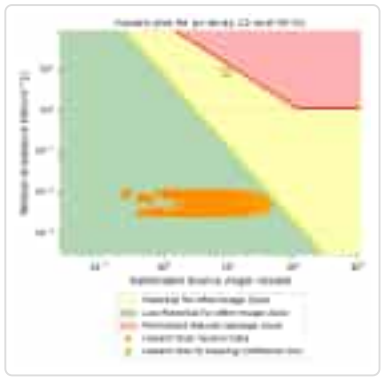
PV array 15: OP 63

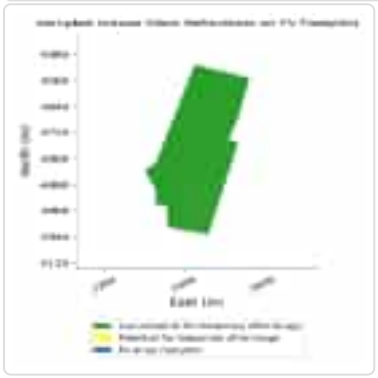
PV array is expected to produce the following glare for this receptor:

- 1,487 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





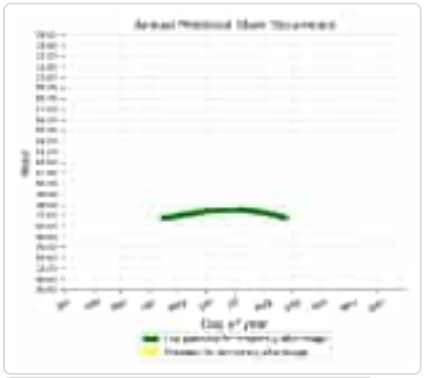


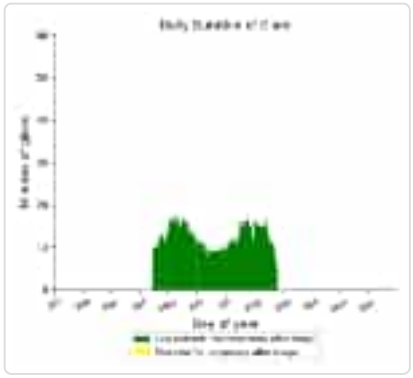


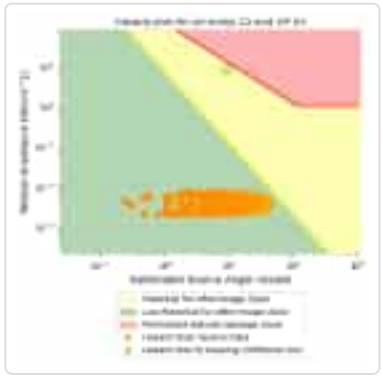
PV array 15: OP 64

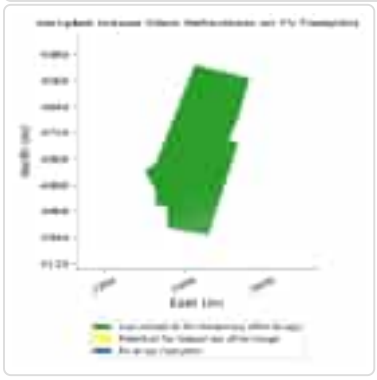
PV array is expected to produce the following glare for this receptor:

- 1,698 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

No glare found

PV array 3 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

No glare found

PV array 4 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

No glare found

PV array 5 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

No glare found

PV array 6 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

No glare found

PV array 7 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	53	0
OP: OP 20	348	0
OP: OP 21	355	0
OP: OP 22	418	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0

OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	1036	0
OP: OP 57	194	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

PV array 7: OP 1

No glare found

PV array 7: OP 2

No glare found

PV array 7: OP 3

No glare found

PV array 7: OP 4

No glare found

PV array 7: OP 5

No glare found

PV array 7: OP 6

No glare found

PV array 7: OP 7

No glare found

PV array 7: OP 8

No glare found

PV array 7: OP 9

No glare found

PV array 7: OP 10

No glare found

PV array 7: OP 11

No glare found

PV array 7: OP 12

No glare found

PV array 7: OP 13

No glare found

PV array 7: OP 14

No glare found

PV array 7: OP 15

No glare found

PV array 7: OP 16

No glare found

PV array 7: OP 17

No glare found

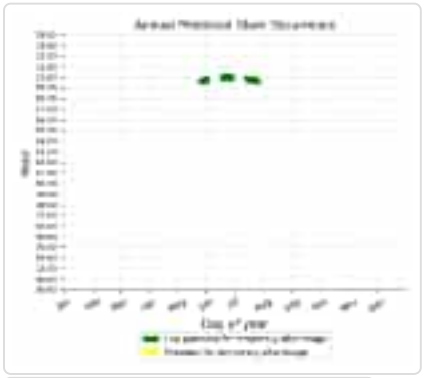
PV array 7: OP 18

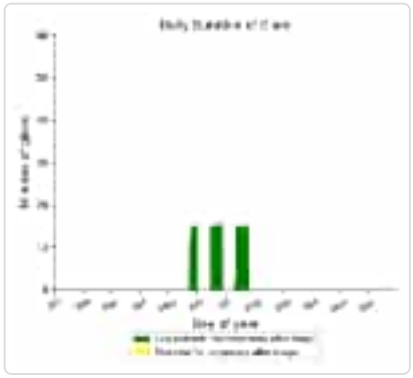
No glare found

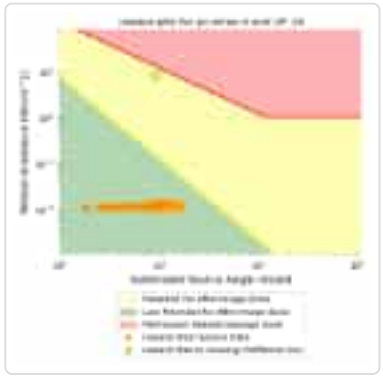
PV array 7: OP 19

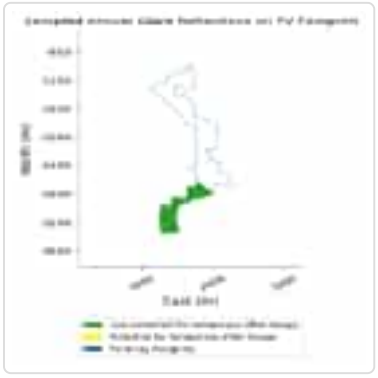
PV array is expected to produce the following glare for this receptor:

- 53 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





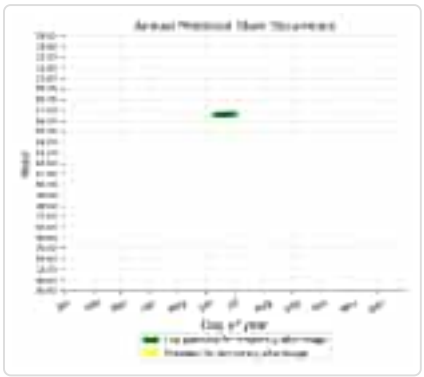


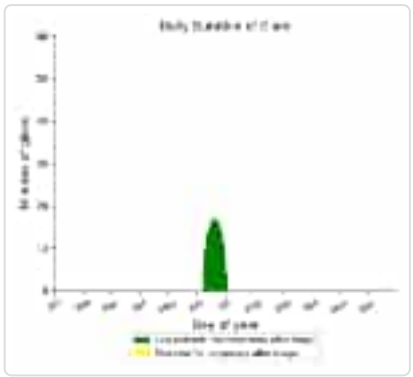


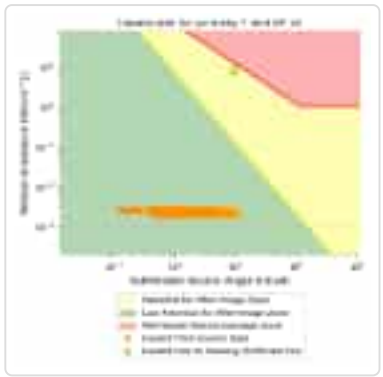
PV array 7: OP 20

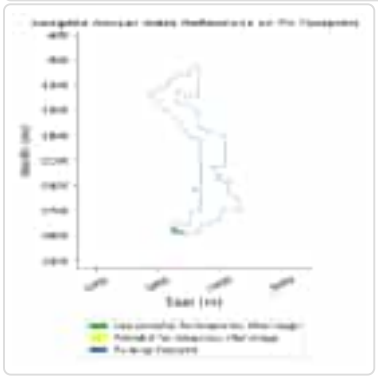
PV array is expected to produce the following glare for this receptor:

- 348 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





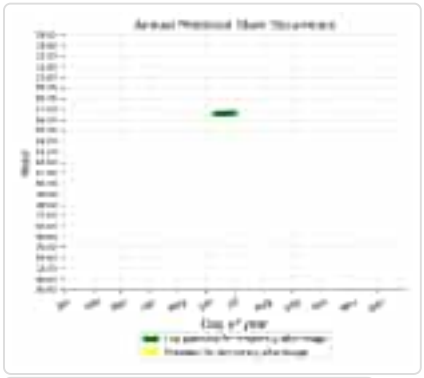


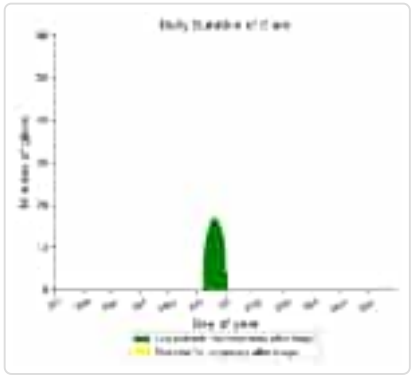


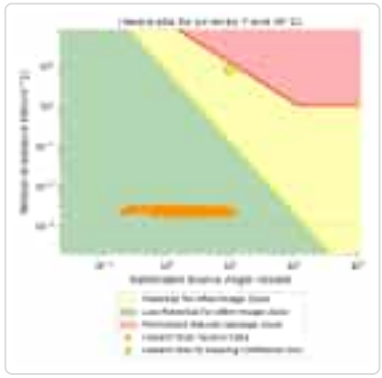
PV array 7: OP 21

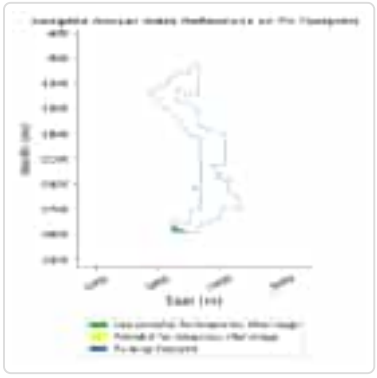
PV array is expected to produce the following glare for this receptor:

- 355 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





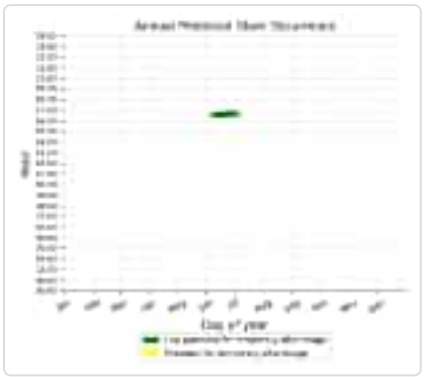


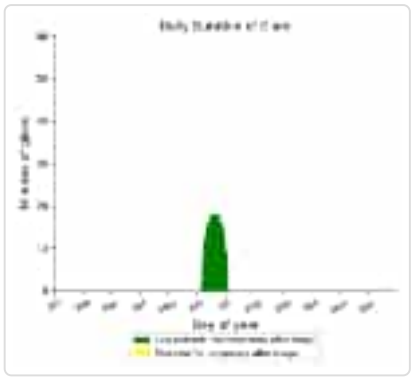


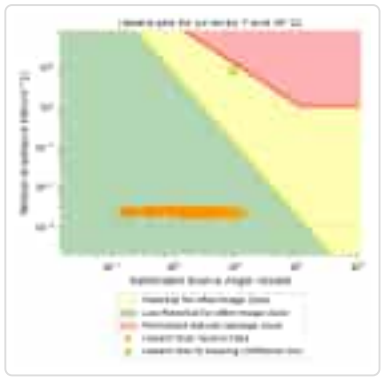
PV array 7: OP 22

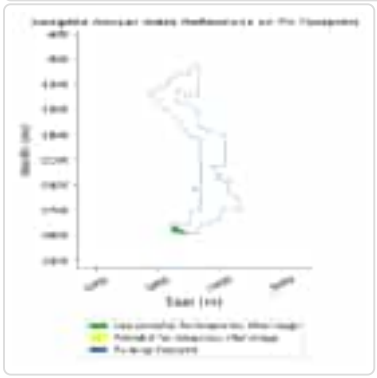
PV array is expected to produce the following glare for this receptor:

- 418 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 23

No glare found

PV array 7: OP 24

No glare found

PV array 7: OP 25

No glare found

PV array 7: OP 26

No glare found

PV array 7: OP 27

No glare found

PV array 7: OP 28

No glare found

PV array 7: OP 29

No glare found

PV array 7: OP 30

No glare found

PV array 7: OP 31

No glare found

PV array 7: OP 32

No glare found

PV array 7: OP 33

No glare found

PV array 7: OP 34

No glare found

PV array 7: OP 35

No glare found

PV array 7: OP 36

No glare found

PV array 7: OP 37

No glare found

PV array 7: OP 38

No glare found

PV array 7: OP 39

No glare found

PV array 7: OP 40

No glare found

PV array 7: OP 41

No glare found

PV array 7: OP 42

No glare found

PV array 7: OP 43

No glare found

PV array 7: OP 44

No glare found

PV array 7: OP 45

No glare found

PV array 7: OP 46

No glare found

PV array 7: OP 47

No glare found

PV array 7: OP 48

No glare found

PV array 7: OP 49

No glare found

PV array 7: OP 50

No glare found

PV array 7: OP 51

No glare found

PV array 7: OP 52

No glare found

PV array 7: OP 53

No glare found

PV array 7: OP 54

No glare found

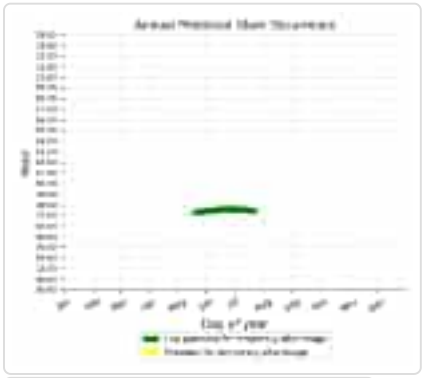
PV array 7: OP 55

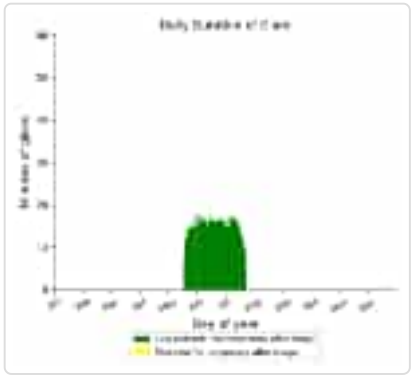
No glare found

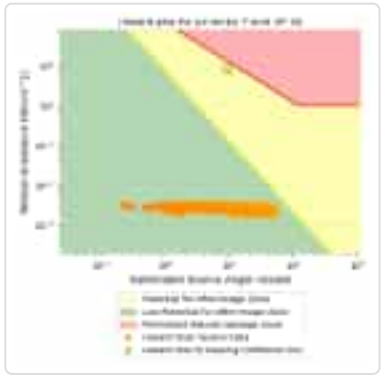
PV array 7: OP 56

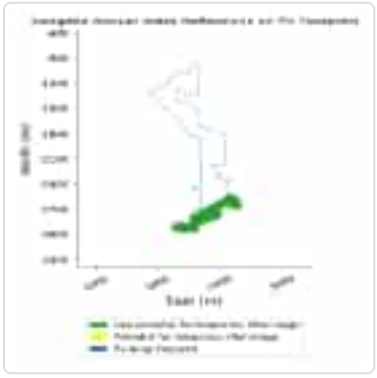
PV array is expected to produce the following glare for this receptor:

- 1,036 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





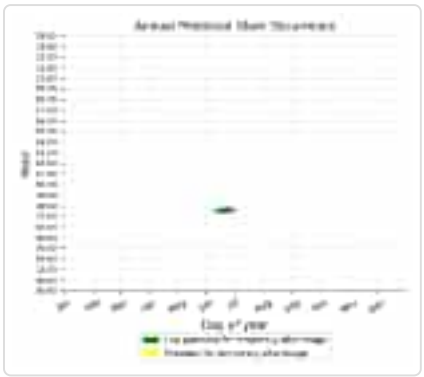


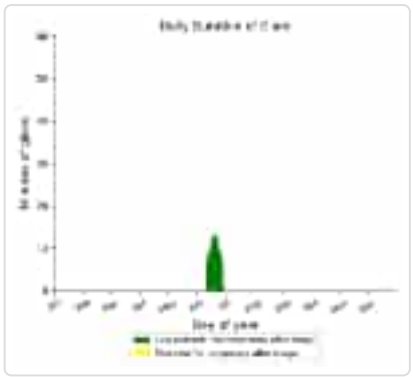


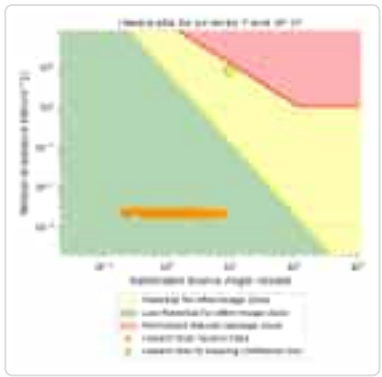
PV array 7: OP 57

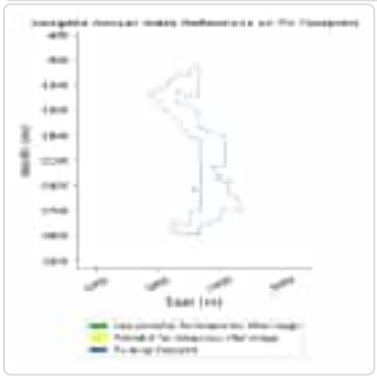
PV array is expected to produce the following glare for this receptor:

- 194 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 58

No glare found

PV array 7: OP 59

No glare found

PV array 7: OP 60

No glare found

PV array 7: OP 61

No glare found

PV array 7: OP 62

No glare found

PV array 7: OP 63

No glare found

PV array 7: OP 64

No glare found

PV array 8 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0

OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	387	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

PV array 8: OP 1

No glare found

PV array 8: OP 2

No glare found

PV array 8: OP 3

No glare found

PV array 8: OP 4

No glare found

PV array 8: OP 5

No glare found

PV array 8: OP 6

No glare found

PV array 8: OP 7

No glare found

PV array 8: OP 8

No glare found

PV array 8: OP 9

No glare found

PV array 8: OP 10

No glare found

PV array 8: OP 11

No glare found

PV array 8: OP 12

No glare found

PV array 8: OP 13

No glare found

PV array 8: OP 14

No glare found

PV array 8: OP 15

No glare found

PV array 8: OP 16

No glare found

PV array 8: OP 17

No glare found

PV array 8: OP 18

No glare found

PV array 8: OP 19

No glare found

PV array 8: OP 20

No glare found

PV array 8: OP 21

No glare found

PV array 8: OP 22

No glare found

PV array 8: OP 23

No glare found

PV array 8: OP 24

No glare found

PV array 8: OP 25

No glare found

PV array 8: OP 26

No glare found

PV array 8: OP 27

No glare found

PV array 8: OP 28

No glare found

PV array 8: OP 29

No glare found

PV array 8: OP 30

No glare found

PV array 8: OP 31

No glare found

PV array 8: OP 32

No glare found

PV array 8: OP 33

No glare found

PV array 8: OP 34

No glare found

PV array 8: OP 35

No glare found

PV array 8: OP 36

No glare found

PV array 8: OP 37

No glare found

PV array 8: OP 38

No glare found

PV array 8: OP 39

No glare found

PV array 8: OP 40

No glare found

PV array 8: OP 41

No glare found

PV array 8: OP 42

No glare found

PV array 8: OP 43

No glare found

PV array 8: OP 44

No glare found

PV array 8: OP 45

No glare found

PV array 8: OP 46

No glare found

PV array 8: OP 47

No glare found

PV array 8: OP 48

No glare found

PV array 8: OP 49

No glare found

PV array 8: OP 50

No glare found

PV array 8: OP 51

No glare found

PV array 8: OP 52

No glare found

PV array 8: OP 53

No glare found

PV array 8: OP 54

No glare found

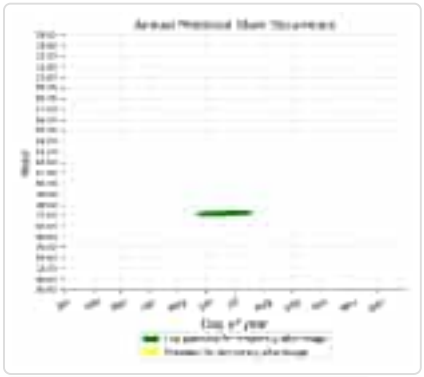
PV array 8: OP 55

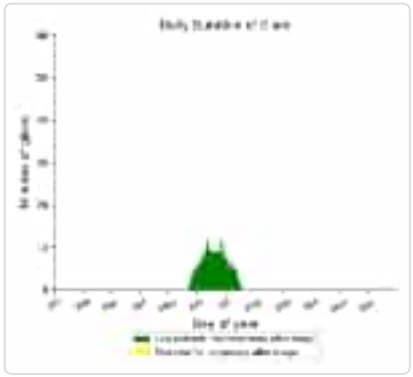
No glare found

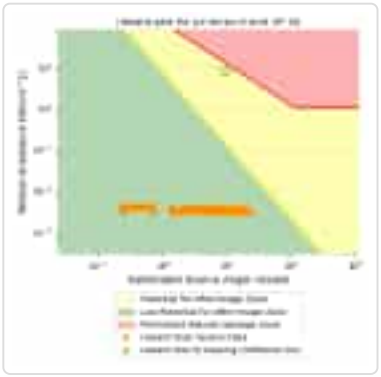
PV array 8: OP 56

PV array is expected to produce the following glare for this receptor:

- 387 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 8: OP 57

No glare found

PV array 8: OP 58

No glare found

PV array 8: OP 59

No glare found

PV array 8: OP 60

No glare found

PV array 8: OP 61

No glare found

PV array 8: OP 62

No glare found

PV array 8: OP 63

No glare found

PV array 8: OP 64

No glare found

PV array 9 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	502	0
OP: OP 16	1087	0
OP: OP 17	1279	0
OP: OP 18	1431	0
OP: OP 19	1477	0
OP: OP 20	1354	0
OP: OP 21	1328	0
OP: OP 22	1464	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0

OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	30	0
OP: OP 57	1301	0
OP: OP 58	307	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

PV array 9: OP 1

No glare found

PV array 9: OP 2

No glare found

PV array 9: OP 3

No glare found

PV array 9: OP 4

No glare found

PV array 9: OP 5

No glare found

PV array 9: OP 6

No glare found

PV array 9: OP 7

No glare found

PV array 9: OP 8

No glare found

PV array 9: OP 9

No glare found

PV array 9: OP 10

No glare found

PV array 9: OP 11

No glare found

PV array 9: OP 12

No glare found

PV array 9: OP 13

No glare found

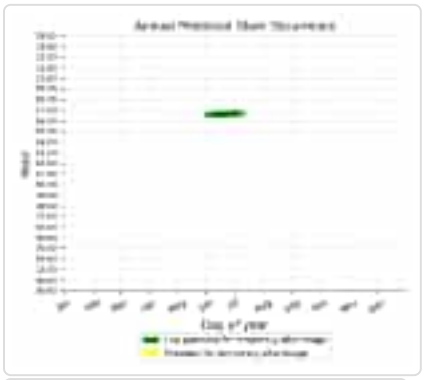
PV array 9: OP 14

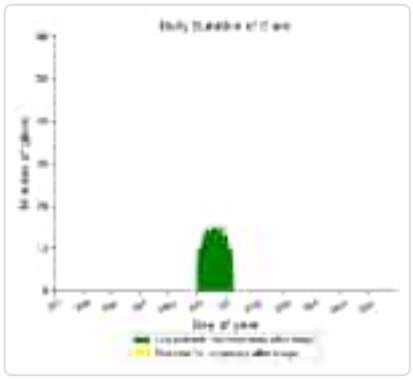
No glare found

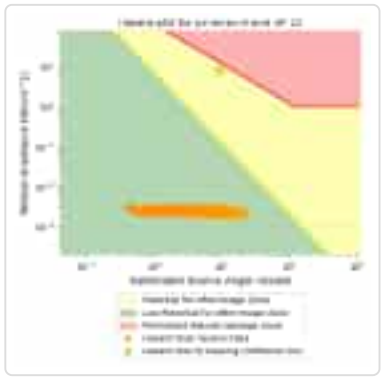
PV array 9: OP 15

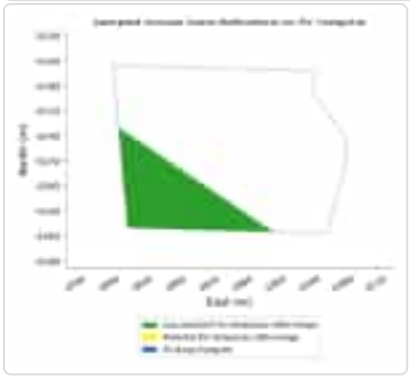
PV array is expected to produce the following glare for this receptor:

- 502 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





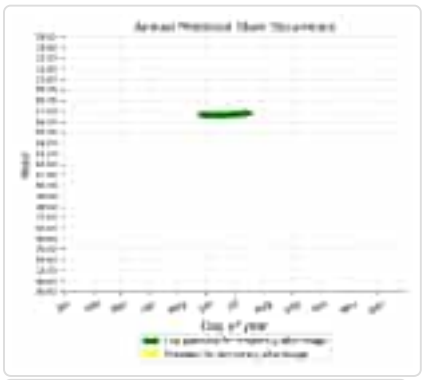


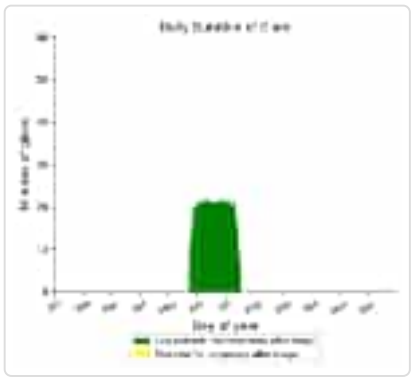


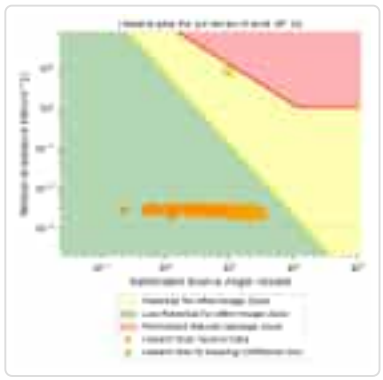
PV array 9: OP 16

PV array is expected to produce the following glare for this receptor:

- 1,087 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



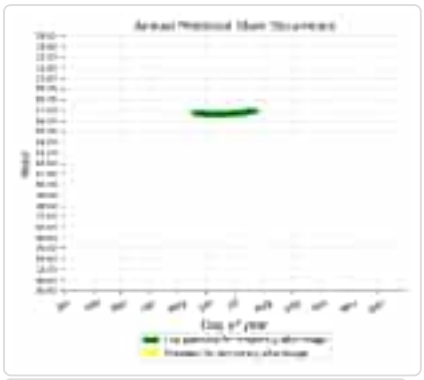


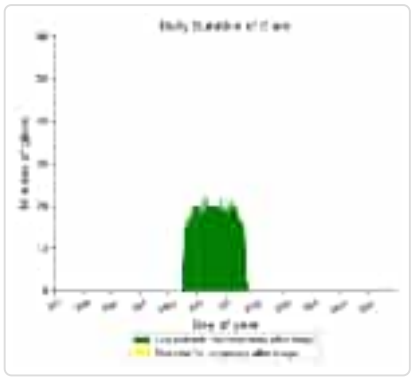


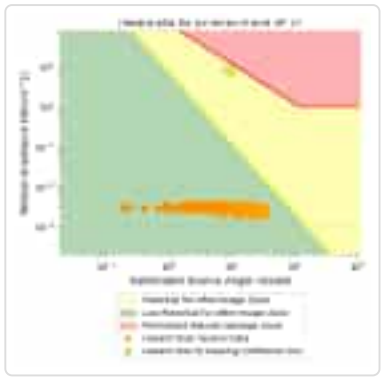
PV array 9: OP 17

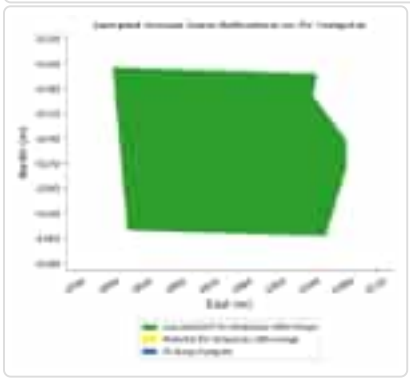
PV array is expected to produce the following glare for this receptor:

- 1,279 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





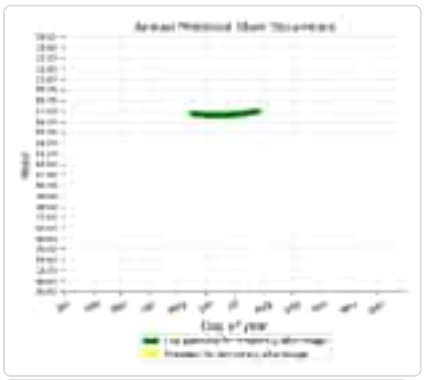


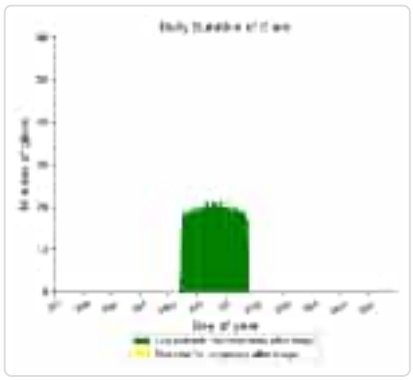


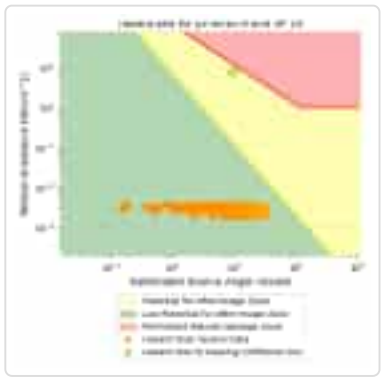
PV array 9: OP 18

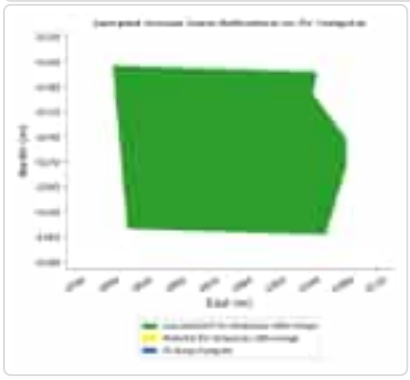
PV array is expected to produce the following glare for this receptor:

- 1,431 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





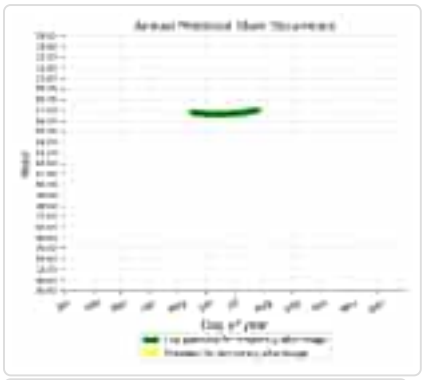


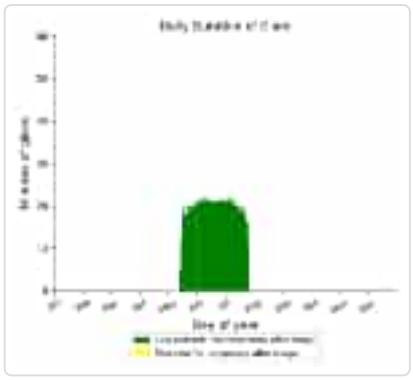


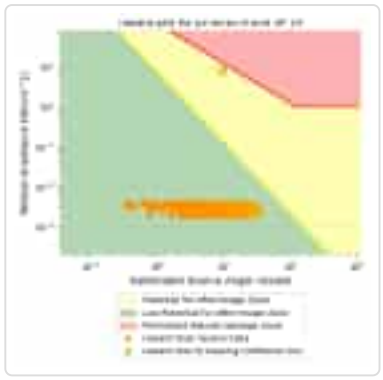
PV array 9: OP 19

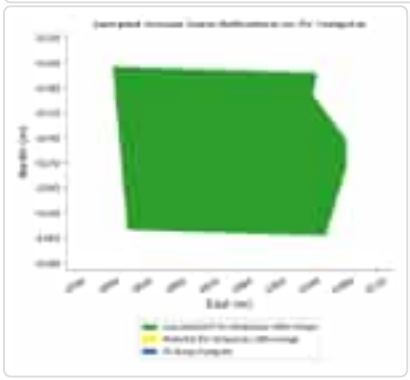
PV array is expected to produce the following glare for this receptor:

- 1,477 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





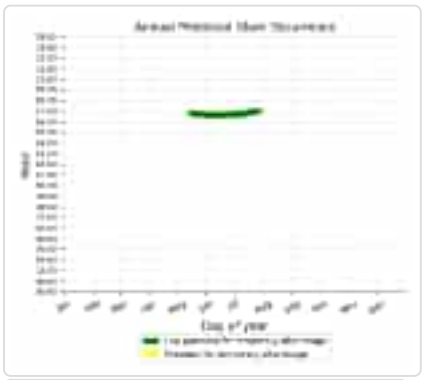


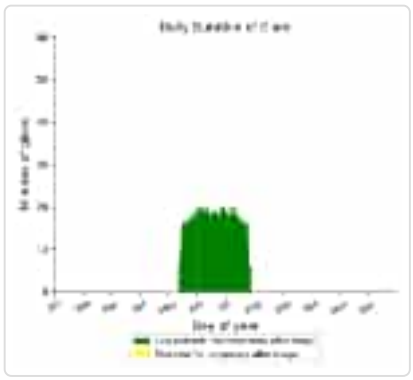


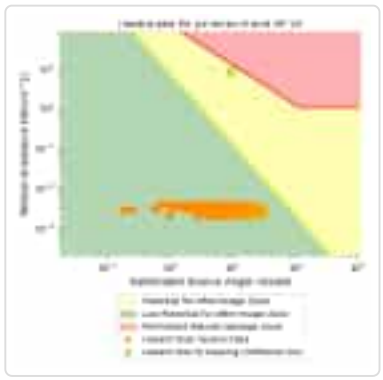
PV array 9: OP 20

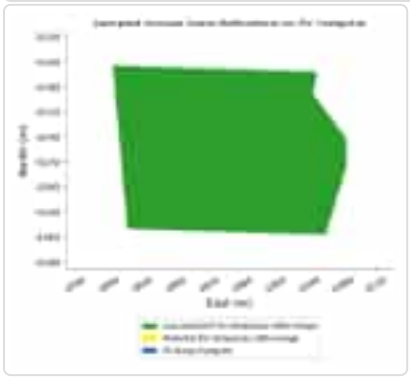
PV array is expected to produce the following glare for this receptor:

- 1,354 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





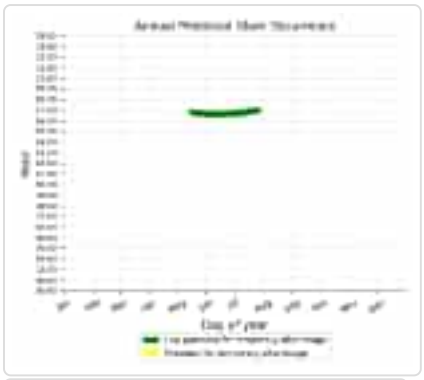


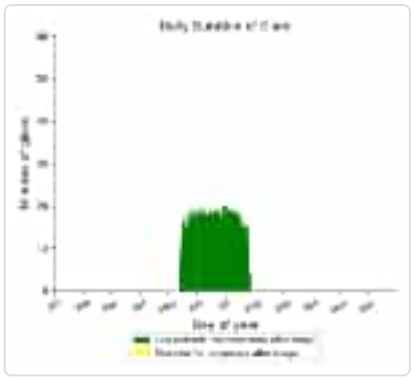


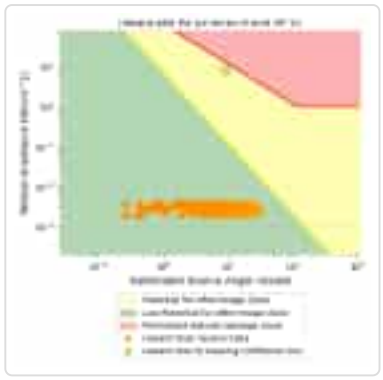
PV array 9: OP 21

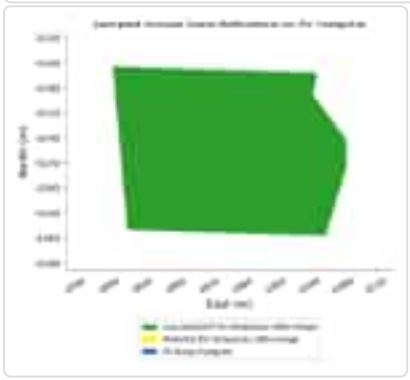
PV array is expected to produce the following glare for this receptor:

- 1,328 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





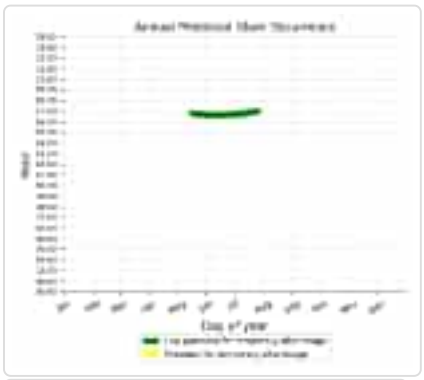


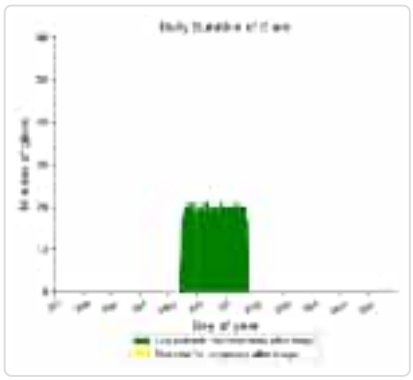


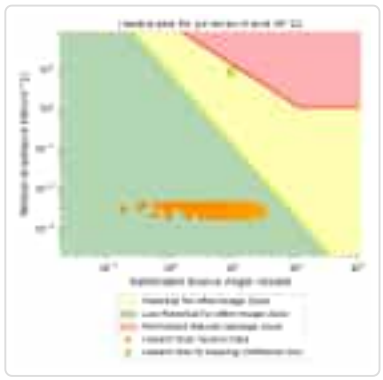
PV array 9: OP 22

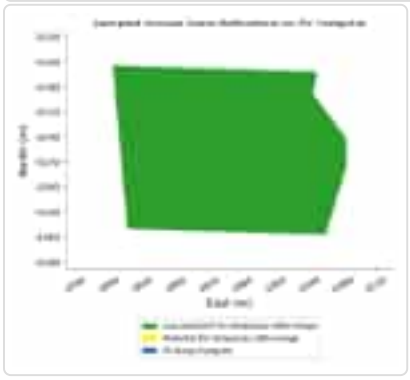
PV array is expected to produce the following glare for this receptor:

- 1,464 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 23

No glare found

PV array 9: OP 24

No glare found

PV array 9: OP 25

No glare found

PV array 9: OP 26

No glare found

PV array 9: OP 27

No glare found

PV array 9: OP 28

No glare found

PV array 9: OP 29

No glare found

PV array 9: OP 30

No glare found

PV array 9: OP 31

No glare found

PV array 9: OP 32

No glare found

PV array 9: OP 33

No glare found

PV array 9: OP 34

No glare found

PV array 9: OP 35

No glare found

PV array 9: OP 36

No glare found

PV array 9: OP 37

No glare found

PV array 9: OP 38

No glare found

PV array 9: OP 39

No glare found

PV array 9: OP 40

No glare found

PV array 9: OP 41

No glare found

PV array 9: OP 42

No glare found

PV array 9: OP 43

No glare found

PV array 9: OP 44

No glare found

PV array 9: OP 45

No glare found

PV array 9: OP 46

No glare found

PV array 9: OP 47

No glare found

PV array 9: OP 48

No glare found

PV array 9: OP 49

No glare found

PV array 9: OP 50

No glare found

PV array 9: OP 51

No glare found

PV array 9: OP 52

No glare found

PV array 9: OP 53

No glare found

PV array 9: OP 54

No glare found

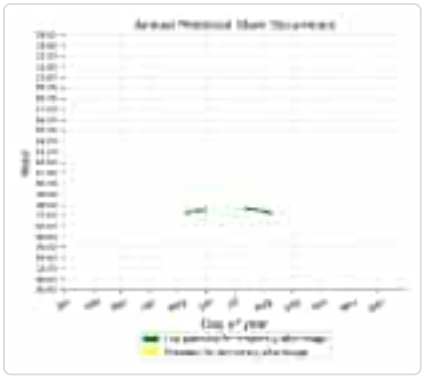
PV array 9: OP 55

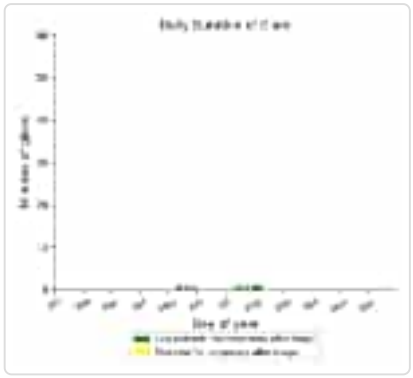
No glare found

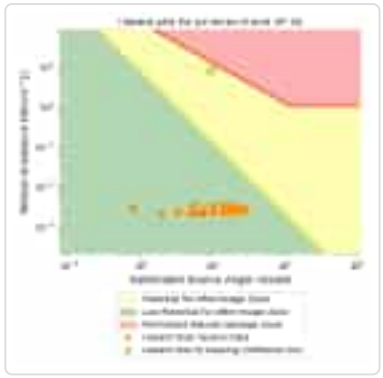
PV array 9: OP 56

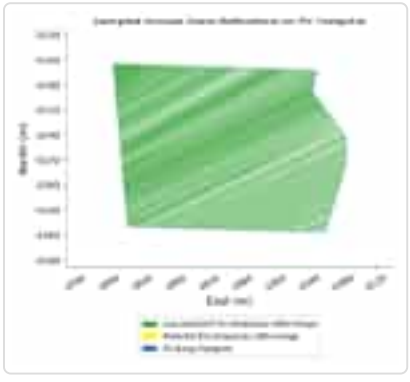
PV array is expected to produce the following glare for this receptor:

- 30 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





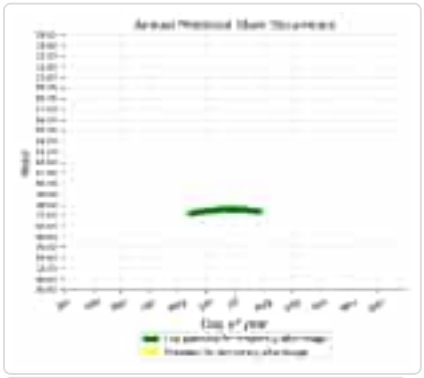


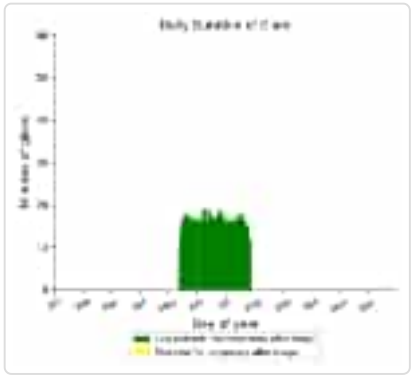


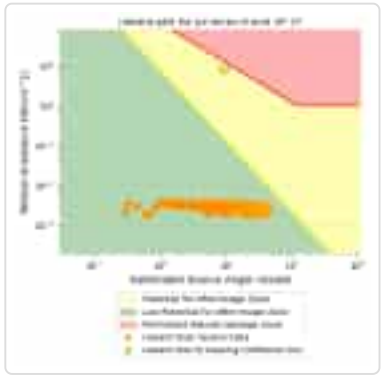
PV array 9: OP 57

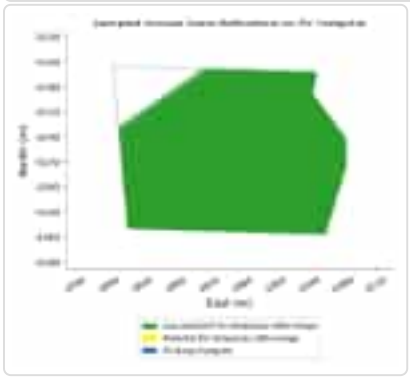
PV array is expected to produce the following glare for this receptor:

- 1,301 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





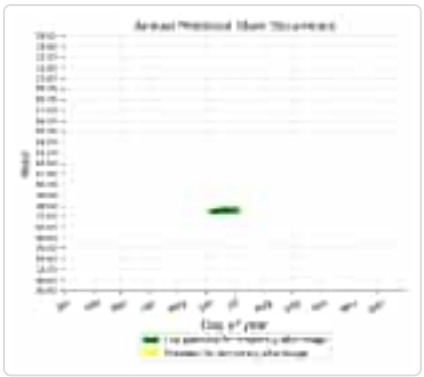


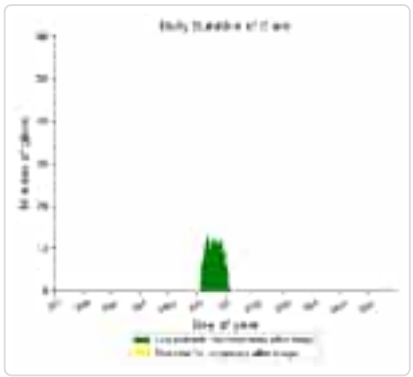


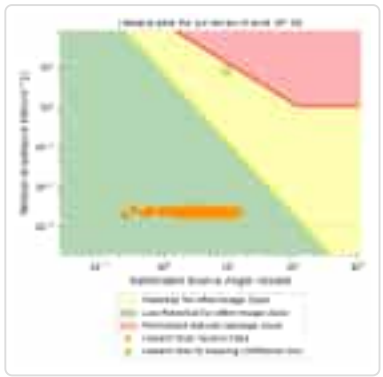
PV array 9: OP 58

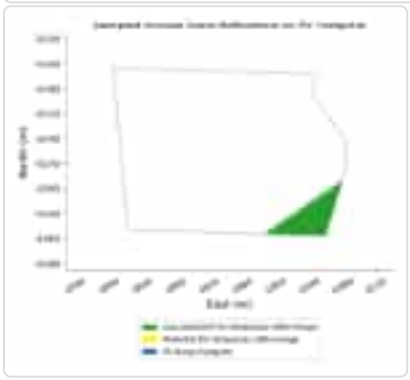
PV array is expected to produce the following glare for this receptor:

- 307 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 59

No glare found

PV array 9: OP 60

No glare found

PV array 9: OP 61

No glare found

PV array 9: OP 62

No glare found

PV array 9: OP 63

No glare found

PV array 9: OP 64

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Fosse Green Solar Farm

Fosse Green SF Road Group A Tracker

Created Jan 11, 2024
Updated Sep 03, 2024
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 109529.18719

Project type Advanced
Project status: active
Category 10 MW to 100 MW

Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
PV array 1	SA tracking	SA tracking	9,374	113	-
PV array 10	SA tracking	SA tracking	8,986	0	-
PV array 11	SA tracking	SA tracking	0	0	-
PV array 12	SA tracking	SA tracking	3,385	0	-
PV array 13	SA tracking	SA tracking	0	0	-
PV array 14	SA tracking	SA tracking	82,717	0	-
PV array 15	SA tracking	SA tracking	1,923	0	-
PV array 2	SA tracking	SA tracking	6,002	0	-
PV array 3	SA tracking	SA tracking	4,845	146	-
PV array 4	SA tracking	SA tracking	10,661	2,676	-
PV array 5	SA tracking	SA tracking	8,276	127	-
PV array 6	SA tracking	SA tracking	59,572	8,835	-
PV array 7	SA tracking	SA tracking	3,625	217	-
PV array 8	SA tracking	SA tracking	0	0	-
PV array 9	SA tracking	SA tracking	0	0	-

Component Data

PV Array(s)

Total PV footprint area: 5,181,571 m^2

Name: PV array 1
Footprint area: 534,233 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.173327	-0.683693	15.22	3.50	18.72
2	53.171796	-0.684143	15.03	3.50	18.53
3	53.171552	-0.683478	15.19	3.50	18.69
4	53.171127	-0.682985	15.98	3.50	19.48
5	53.169712	-0.681805	15.00	3.50	18.50
6	53.168092	-0.681418	16.50	3.50	20.00
7	53.167989	-0.682362	16.00	3.50	19.50
8	53.167616	-0.682427	15.86	3.50	19.36
9	53.166844	-0.682749	16.00	3.50	19.50
10	53.166574	-0.682985	16.00	3.50	19.50
11	53.166123	-0.682920	16.00	3.50	19.50
12	53.166394	-0.680345	17.00	3.50	20.50
13	53.166741	-0.680410	16.40	3.50	19.90
14	53.166831	-0.679530	17.48	3.50	20.98
15	53.167320	-0.679659	17.17	3.50	20.67
16	53.167564	-0.677277	20.64	3.50	24.14
17	53.166522	-0.676741	20.78	3.50	24.28
18	53.164593	-0.675024	20.02	3.50	23.52
19	53.163010	-0.673672	18.14	3.50	21.64
20	53.162869	-0.672857	19.04	3.50	22.54
21	53.163088	-0.672084	19.80	3.50	23.30
22	53.163679	-0.671333	23.18	3.50	26.68
23	53.165403	-0.672857	27.63	3.50	31.13
24	53.165648	-0.671870	30.61	3.50	34.11
25	53.166458	-0.671269	32.00	3.50	35.50
26	53.166857	-0.671569	31.99	3.50	35.49
27	53.167847	-0.667406	24.66	3.50	28.16
28	53.169468	-0.666720	25.10	3.50	28.60
29	53.169031	-0.668608	27.89	3.50	31.39
30	53.169198	-0.670067	30.98	3.50	34.48
31	53.169982	-0.673629	26.94	3.50	30.44
32	53.170246	-0.673758	26.58	3.50	30.08
33	53.171294	-0.673125	28.40	3.50	31.90
34	53.171745	-0.672299	30.82	3.50	34.32
35	53.172105	-0.674048	26.50	3.50	30.00
36	53.171674	-0.675957	22.65	3.50	26.15
37	53.171507	-0.677599	22.08	3.50	25.58
38	53.171629	-0.678414	22.99	3.50	26.49
39	53.171918	-0.678833	24.21	3.50	27.71
40	53.171809	-0.679283	22.62	3.50	26.12
41	53.171449	-0.679391	20.48	3.50	23.98
42	53.170838	-0.677985	18.51	3.50	22.01
43	53.170593	-0.678028	17.96	3.50	21.46
44	53.170606	-0.678200	17.83	3.50	21.33
45	53.171372	-0.679906	19.18	3.50	22.68
46	53.171249	-0.681719	17.42	3.50	20.92
47	53.171378	-0.681955	17.27	3.50	20.77
48	53.171333	-0.682395	16.56	3.50	20.06
49	53.171597	-0.682502	16.79	3.50	20.29
50	53.173384	-0.681622	18.75	3.50	22.25

Name: PV array 10
Footprint area: 185,320 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.150798	-0.633966	8.64	3.50	12.14
2	53.150219	-0.635436	8.34	3.50	11.84
3	53.150026	-0.636744	8.28	3.50	11.78
4	53.148983	-0.636744	9.89	3.50	13.39
5	53.148803	-0.636862	10.13	3.50	13.63
6	53.148829	-0.637045	9.76	3.50	13.26
7	53.147420	-0.637957	10.19	3.50	13.69
8	53.146461	-0.637796	10.65	3.50	14.15
9	53.146126	-0.637302	11.44	3.50	14.94
10	53.145875	-0.635146	9.74	3.50	13.24
11	53.145566	-0.635264	9.14	3.50	12.64
12	53.145451	-0.635843	9.42	3.50	12.92
13	53.145142	-0.635951	9.94	3.50	13.44
14	53.144987	-0.634910	11.54	3.50	15.04
15	53.144637	-0.634278	12.00	3.50	15.50
16	53.143968	-0.633344	12.41	3.50	15.91
17	53.144200	-0.633280	11.84	3.50	15.34
18	53.144953	-0.632754	9.97	3.50	13.47
19	53.145828	-0.631949	10.31	3.50	13.81
20	53.146497	-0.631509	11.15	3.50	14.65
21	53.147668	-0.633848	12.51	3.50	16.01
22	53.148395	-0.633344	12.81	3.50	16.31
23	53.148254	-0.632947	13.08	3.50	16.58
24	53.148910	-0.632035	13.05	3.50	16.55
25	53.149148	-0.632604	13.03	3.50	16.53
26	53.149631	-0.631853	12.49	3.50	15.99

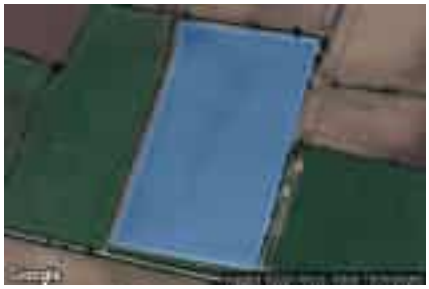
Name: PV array 11
Footprint area: 717,731 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.148506	-0.631749	13.14	3.50	16.64
2	53.147850	-0.632704	12.97	3.50	16.47
3	53.147683	-0.632715	12.37	3.50	15.87
4	53.146640	-0.630945	11.20	3.50	14.70
5	53.146396	-0.630848	12.22	3.50	15.72
6	53.145637	-0.631266	12.28	3.50	15.78
7	53.144343	-0.632565	11.04	3.50	14.54
8	53.142046	-0.627951	13.11	3.50	16.61
9	53.141524	-0.626084	12.34	3.50	15.84
10	53.138596	-0.627329	13.83	3.50	17.33
11	53.138454	-0.627232	13.48	3.50	16.98
12	53.137051	-0.628370	12.96	3.50	16.46
13	53.137154	-0.629056	13.21	3.50	16.71
14	53.135919	-0.628649	14.19	3.50	17.69
15	53.135771	-0.627640	12.78	3.50	16.28
16	53.134593	-0.628456	13.03	3.50	16.53
17	53.134464	-0.624700	12.77	3.50	16.27
18	53.134618	-0.624700	12.76	3.50	16.26
19	53.134631	-0.624990	12.76	3.50	16.26
20	53.135655	-0.624947	12.58	3.50	16.08
21	53.135758	-0.626331	11.86	3.50	15.36
22	53.136112	-0.626567	11.92	3.50	15.42
23	53.136549	-0.625162	10.74	3.50	14.24
24	53.136717	-0.625055	10.13	3.50	13.63
25	53.136652	-0.624636	10.38	3.50	13.88
26	53.137450	-0.624089	10.03	3.50	13.53
27	53.135830	-0.616790	7.11	3.50	10.61
28	53.136200	-0.615960	6.99	3.50	10.49
29	53.137240	-0.614930	7.15	3.50	10.65
30	53.137620	-0.615710	7.24	3.50	10.74
31	53.137860	-0.615550	7.38	3.50	10.88
32	53.137990	-0.614790	7.14	3.50	10.64
33	53.139105	-0.617426	7.93	3.50	11.43
34	53.139800	-0.619754	11.05	3.50	14.55
35	53.141717	-0.618682	9.38	3.50	12.88
36	53.142129	-0.620227	11.21	3.50	14.71
37	53.142007	-0.620323	10.80	3.50	14.30
38	53.142541	-0.622211	11.19	3.50	14.69
39	53.144034	-0.620784	11.76	3.50	15.26
40	53.144607	-0.623563	11.92	3.50	15.42
41	53.145591	-0.624582	12.63	3.50	16.13
42	53.145044	-0.625248	12.90	3.50	16.40
43	53.145077	-0.625666	12.28	3.50	15.78
44	53.146634	-0.628348	11.72	3.50	15.22
45	53.146808	-0.628220	12.16	3.50	15.66
46	53.148268	-0.630762	12.11	3.50	15.61
47	53.148101	-0.631030	11.92	3.50	15.42

Name: PV array 12
Footprint area: 73,115 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.136228	-0.613414	8.07	3.50	11.57
2	53.135854	-0.613478	8.46	3.50	11.96
3	53.133222	-0.614980	9.82	3.50	13.32
4	53.132887	-0.611772	10.64	3.50	14.14
5	53.135977	-0.610335	9.13	3.50	12.63

Name: PV array 13
Footprint area: 737,153 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.135585	-0.658160	11.48	3.50	14.98
2	53.136461	-0.665906	14.75	3.50	18.25
3	53.130642	-0.667945	14.56	3.50	18.06
4	53.130333	-0.666357	13.81	3.50	17.31
5	53.128440	-0.666872	14.86	3.50	18.36
6	53.128582	-0.668717	14.77	3.50	18.27
7	53.128273	-0.668782	14.57	3.50	18.07
8	53.128131	-0.667301	14.49	3.50	17.99
9	53.125730	-0.667666	13.07	3.50	16.57
10	53.125710	-0.667945	12.94	3.50	16.44
11	53.124455	-0.667505	13.19	3.50	16.69
12	53.124558	-0.666711	12.70	3.50	16.20
13	53.123380	-0.665788	11.31	3.50	14.81
14	53.123457	-0.665370	11.00	3.50	14.50
15	53.123122	-0.665220	12.04	3.50	15.54
16	53.123476	-0.663514	13.15	3.50	16.65
17	53.124365	-0.661776	13.29	3.50	16.79
18	53.124571	-0.660832	13.96	3.50	17.46
19	53.125067	-0.660220	13.10	3.50	16.60
20	53.126410	-0.656650	11.66	3.50	15.16
21	53.126650	-0.656260	11.38	3.50	14.88
22	53.126960	-0.656270	11.65	3.50	15.15
23	53.127180	-0.656070	12.25	3.50	15.75
24	53.127600	-0.659050	12.08	3.50	15.58
25	53.128790	-0.658920	13.52	3.50	17.02
26	53.129280	-0.661440	14.94	3.50	18.44
27	53.131090	-0.659840	14.90	3.50	18.40
28	53.131520	-0.659500	14.40	3.50	17.90
29	53.132320	-0.658860	12.70	3.50	16.20
30	53.133270	-0.657930	12.71	3.50	16.21
31	53.133345	-0.658664	11.01	3.50	14.51

Name: PV array 14
Footprint area: 209,682 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132660	-0.653180	10.42	3.50	13.92
2	53.132070	-0.653360	10.23	3.50	13.73
3	53.131511	-0.653075	11.28	3.50	14.78
4	53.130770	-0.652409	10.38	3.50	13.88
5	53.130352	-0.650050	9.94	3.50	13.44
6	53.130095	-0.649556	9.85	3.50	13.35
7	53.130275	-0.649255	10.71	3.50	14.21
8	53.132390	-0.648020	11.38	3.50	14.88
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38

Name: PV array 15
Footprint area: 78,226 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132772	-0.647378	9.94	3.50	13.44
2	53.130056	-0.648847	10.80	3.50	14.30
3	53.129882	-0.649255	9.89	3.50	13.39
4	53.129303	-0.648847	10.80	3.50	14.30
5	53.128942	-0.648858	10.87	3.50	14.37
6	53.128884	-0.648418	11.51	3.50	15.01
7	53.128311	-0.648386	11.43	3.50	14.93
8	53.128105	-0.646884	11.40	3.50	14.90
9	53.130622	-0.645758	10.83	3.50	14.33
10	53.130700	-0.646122	11.65	3.50	15.15
11	53.131298	-0.645768	10.18	3.50	13.68
12	53.132410	-0.645330	9.00	3.50	12.50

Name: PV array 2
Footprint area: 606,601 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.179699	-0.666763	17.74	3.50	21.24
2	53.179108	-0.670067	20.15	3.50	23.65
3	53.176523	-0.668029	19.69	3.50	23.19
4	53.174220	-0.666891	26.06	3.50	29.56
5	53.174465	-0.660669	17.80	3.50	21.30
6	53.172497	-0.660755	16.16	3.50	19.66
7	53.172510	-0.661355	17.14	3.50	20.64
8	53.172960	-0.661484	17.29	3.50	20.79
9	53.173230	-0.666677	24.28	3.50	27.78
10	53.172175	-0.666226	20.97	3.50	24.47
11	53.171823	-0.664919	19.69	3.50	23.19
12	53.171714	-0.664865	19.72	3.50	23.22
13	53.170968	-0.662526	18.08	3.50	21.58
14	53.170357	-0.661797	17.29	3.50	20.79
15	53.174293	-0.653523	13.69	3.50	17.19
16	53.178283	-0.655459	15.69	3.50	19.19
17	53.179363	-0.655588	13.41	3.50	16.91
18	53.178051	-0.662519	19.70	3.50	23.20
19	53.177884	-0.665737	19.63	3.50	23.13

Name: PV array 3
Footprint area: 679,840 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.162240	-0.675330	17.88	3.50	21.38
2	53.159340	-0.671810	16.96	3.50	20.46
3	53.159790	-0.670480	16.50	3.50	20.00
4	53.160860	-0.668250	17.83	3.50	21.33
5	53.160420	-0.666810	17.26	3.50	20.76
6	53.159450	-0.669110	15.52	3.50	19.02
7	53.159860	-0.669750	15.96	3.50	19.46
8	53.159140	-0.671710	16.90	3.50	20.40
9	53.158240	-0.670650	16.68	3.50	20.18
10	53.158390	-0.670070	16.02	3.50	19.52
11	53.157840	-0.668790	15.77	3.50	19.27
12	53.159770	-0.664130	19.42	3.50	22.92
13	53.159920	-0.664410	18.34	3.50	21.84
14	53.160980	-0.661830	24.57	3.50	28.07
15	53.161160	-0.662010	24.26	3.50	27.76
16	53.161290	-0.661640	25.79	3.50	29.29
17	53.161160	-0.661450	26.00	3.50	29.50
18	53.162190	-0.659350	26.37	3.50	29.87
19	53.162080	-0.658850	26.32	3.50	29.82
20	53.162650	-0.657690	27.46	3.50	30.96
21	53.165690	-0.658340	22.77	3.50	26.27
22	53.165920	-0.658980	21.27	3.50	24.77
23	53.166210	-0.659430	20.99	3.50	24.49
24	53.165960	-0.661020	21.23	3.50	24.73
25	53.167980	-0.662370	18.26	3.50	21.76
26	53.167650	-0.663320	18.23	3.50	21.73
27	53.167500	-0.667240	23.91	3.50	27.41
28	53.164620	-0.668620	26.56	3.50	30.06
29	53.164820	-0.669520	27.49	3.50	30.99
30	53.163160	-0.671190	20.73	3.50	24.23
31	53.162730	-0.672050	18.84	3.50	22.34
32	53.162570	-0.673160	18.39	3.50	21.89
33	53.162750	-0.673700	17.85	3.50	21.35
34	53.162650	-0.674340	17.02	3.50	20.52

Name: PV array 4
Footprint area: 539,787 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.172585	-0.642585	14.81	3.50	18.31
2	53.173512	-0.648335	13.73	3.50	17.23
3	53.168740	-0.657433	17.19	3.50	20.69
4	53.168530	-0.657412	16.94	3.50	20.44
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
6	53.168300	-0.658730	18.04	3.50	21.54
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
8	53.165850	-0.657640	21.97	3.50	25.47
9	53.165650	-0.657980	23.24	3.50	26.74
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
13	53.166850	-0.655520	18.20	3.50	21.70
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
15	53.167980	-0.655110	18.44	3.50	21.94
16	53.169113	-0.651554	16.06	3.50	19.56
17	53.169113	-0.651060	15.41	3.50	18.91
18	53.168032	-0.650867	15.63	3.50	19.13
19	53.167955	-0.651597	16.07	3.50	19.57
20	53.167337	-0.651232	15.83	3.50	19.33
21	53.166077	-0.651103	19.26	3.50	22.76
22	53.166115	-0.650481	18.68	3.50	22.18
23	53.165961	-0.650181	19.78	3.50	23.28
24	53.168251	-0.644537	17.16	3.50	20.66
25	53.168920	-0.644687	16.30	3.50	19.80
26	53.170129	-0.644408	16.57	3.50	20.07
27	53.171132	-0.643754	15.25	3.50	18.75
28	53.171151	-0.643400	15.23	3.50	18.73
29	53.172000	-0.642681	14.97	3.50	18.47

Name: PV array 5
Footprint area: 85,119 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.175987	-0.638261	17.17	3.50	20.67
2	53.175962	-0.637317	17.32	3.50	20.82
3	53.175704	-0.636180	15.99	3.50	19.49
4	53.172039	-0.635257	10.34	3.50	13.84
5	53.170855	-0.638197	11.33	3.50	14.83
6	53.174251	-0.638304	12.30	3.50	15.80

Name: PV array 6
Footprint area: 178,317 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.167678	-0.644140	17.52	3.50	21.02
2	53.165556	-0.649011	19.39	3.50	22.89
3	53.164810	-0.644784	20.41	3.50	23.91
4	53.165350	-0.641716	16.27	3.50	19.77
5	53.163562	-0.640986	20.48	3.50	23.98
6	53.161902	-0.640643	22.38	3.50	25.88
7	53.159226	-0.640385	15.78	3.50	19.28
8	53.159329	-0.638197	13.14	3.50	16.64
9	53.162726	-0.638883	20.72	3.50	24.22
10	53.164115	-0.639205	17.21	3.50	20.71
11	53.165183	-0.639763	14.44	3.50	17.94
12	53.165800	-0.640707	14.81	3.50	18.31
13	53.166366	-0.642209	16.10	3.50	19.60
14	53.166971	-0.643282	16.63	3.50	20.13

Name: PV array 7
Footprint area: 491,459 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.164655	-0.651071	23.57	3.50	27.07
2	53.164218	-0.652101	24.34	3.50	27.84
3	53.163588	-0.652015	24.43	3.50	27.93
4	53.163575	-0.652466	24.10	3.50	27.60
5	53.163883	-0.652809	24.86	3.50	28.36
6	53.162790	-0.655406	26.04	3.50	29.54
7	53.162404	-0.655148	26.50	3.50	30.00
8	53.162082	-0.655835	27.39	3.50	30.89
9	53.162263	-0.656543	27.11	3.50	30.61
10	53.161516	-0.658324	26.25	3.50	29.75
11	53.158776	-0.654054	22.55	3.50	26.05
12	53.156879	-0.652104	18.45	3.50	21.95
13	53.156840	-0.650806	17.85	3.50	21.35
14	53.156634	-0.650474	16.75	3.50	20.25
15	53.155412	-0.650935	12.99	3.50	16.49
16	53.155245	-0.650441	12.47	3.50	15.97
17	53.154428	-0.650484	11.62	3.50	15.12
18	53.152317	-0.650581	10.82	3.50	14.32
19	53.151545	-0.650656	11.68	3.50	15.18
20	53.151481	-0.651761	11.49	3.50	14.99
21	53.151159	-0.651729	12.56	3.50	16.06
22	53.151178	-0.650924	12.32	3.50	15.82
23	53.150863	-0.650624	12.97	3.50	16.47
24	53.149042	-0.650581	13.39	3.50	16.89
25	53.149113	-0.652083	14.82	3.50	18.32
26	53.147459	-0.652115	10.92	3.50	14.42
27	53.147762	-0.654604	14.65	3.50	18.15
28	53.146730	-0.654770	11.29	3.50	14.79
29	53.146710	-0.654450	10.79	3.50	14.29
30	53.146660	-0.653930	9.86	3.50	13.36
31	53.146560	-0.653210	9.32	3.50	12.82
32	53.146500	-0.652650	9.65	3.50	13.15
33	53.146620	-0.652540	9.69	3.50	13.19
34	53.146670	-0.652330	9.64	3.50	13.14
35	53.146500	-0.650990	8.94	3.50	12.44
36	53.146830	-0.651060	9.07	3.50	12.57
37	53.147220	-0.650840	9.43	3.50	12.93
38	53.147530	-0.650490	9.95	3.50	13.45
39	53.148058	-0.647824	10.34	3.50	13.84
40	53.149293	-0.647502	11.75	3.50	15.25
41	53.149364	-0.647008	11.40	3.50	14.90
42	53.149004	-0.645163	9.84	3.50	13.34
43	53.149068	-0.644702	10.07	3.50	13.57
44	53.149589	-0.644659	10.09	3.50	13.59
45	53.150246	-0.645152	10.47	3.50	13.97
46	53.150709	-0.646118	10.77	3.50	14.27
47	53.150861	-0.646854	11.55	3.50	15.05
48	53.152186	-0.646683	10.55	3.50	14.05
49	53.152302	-0.648378	10.85	3.50	14.35
50	53.152559	-0.648356	11.03	3.50	14.53
51	53.152650	-0.647820	11.33	3.50	14.83
52	53.152843	-0.647562	10.51	3.50	14.01
53	53.152984	-0.648185	10.54	3.50	14.04
54	53.153396	-0.648850	10.72	3.50	14.22
55	53.153821	-0.649000	11.70	3.50	15.20
56	53.153821	-0.647176	11.57	3.50	15.07
57	53.157030	-0.647114	18.62	3.50	22.12
58	53.157911	-0.650923	21.21	3.50	24.71
59	53.159526	-0.650773	24.30	3.50	27.80
60	53.159841	-0.651545	25.93	3.50	29.43
61	53.160478	-0.652318	28.32	3.50	31.82
62	53.160542	-0.654142	27.00	3.50	30.50
63	53.161668	-0.654152	28.25	3.50	31.75
64	53.162003	-0.653691	27.32	3.50	30.82

65	53.161359	-0.652489	27.84	3.50	31.34
66	53.161314	-0.650848	28.23	3.50	31.73

Name: PV array 8
Footprint area: 15,661 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.149067	-0.644094	9.24	3.50	12.74
2	53.149505	-0.644029	9.82	3.50	13.32
3	53.149878	-0.644094	9.57	3.50	13.07
4	53.150888	-0.643353	9.27	3.50	12.77
5	53.150521	-0.642002	8.25	3.50	11.75
6	53.149871	-0.642806	8.50	3.50	12.00
7	53.149472	-0.642796	8.80	3.50	12.30
8	53.149215	-0.643192	8.74	3.50	12.24
9	53.149022	-0.644072	9.17	3.50	12.67

Name: PV array 9
Footprint area: 49,327 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.144980	-0.656700	12.95	3.50	16.45
2	53.143230	-0.656440	10.07	3.50	13.57
3	53.143170	-0.652900	8.94	3.50	12.44
4	53.143890	-0.652530	9.13	3.50	12.63
5	53.144200	-0.652530	9.20	3.50	12.70
6	53.144680	-0.653130	9.45	3.50	12.95
7	53.144910	-0.653050	9.39	3.50	12.89

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	53.152135	-0.681178	19.02	1.50	20.52
OP 2	53.153087	-0.678925	18.95	1.50	20.45
OP 3	53.154168	-0.676339	17.62	1.50	19.12
OP 4	53.155101	-0.673625	16.03	1.50	17.53
OP 5	53.156169	-0.671415	16.57	1.50	18.07
OP 6	53.157089	-0.669301	15.70	1.50	17.20
OP 7	53.158196	-0.666726	16.62	1.50	18.12
OP 8	53.159334	-0.664237	19.68	1.50	21.18
OP 9	53.160383	-0.661812	23.89	1.50	25.39
OP 10	53.161399	-0.659516	26.19	1.50	27.69
OP 11	53.162454	-0.657081	27.69	1.50	29.19
OP 12	53.163400	-0.654881	25.87	1.50	27.37
OP 13	53.164358	-0.652628	24.93	1.50	26.43
OP 14	53.165464	-0.650129	21.62	1.50	23.12
OP 15	53.166416	-0.647929	18.63	1.50	20.13
OP 16	53.167471	-0.645504	17.98	1.50	19.48
OP 17	53.168455	-0.643176	17.44	1.50	18.94
OP 18	53.169388	-0.640891	15.77	1.50	17.27
OP 19	53.170307	-0.638638	13.06	1.50	14.56
OP 20	53.171414	-0.635967	11.89	1.50	13.39
OP 21	53.172385	-0.633649	11.79	1.50	13.29
OP 22	53.173298	-0.631439	11.92	1.50	13.42
OP 23	53.174282	-0.628950	10.45	1.50	11.95
OP 24	53.175433	-0.626278	10.12	1.50	11.62
OP 25	53.176430	-0.624422	10.15	1.50	11.65
OP 26	53.178288	-0.624841	11.79	1.50	13.29
OP 27	53.180011	-0.625742	14.98	1.50	16.48
OP 28	53.181699	-0.626555	13.81	1.50	15.31
OP 29	53.177417	-0.621662	9.33	1.50	10.83
OP 30	53.158701	-0.691335	17.00	1.50	18.50
OP 31	53.158501	-0.688632	17.25	1.50	18.75
OP 32	53.157813	-0.686497	17.33	1.50	18.83
OP 33	53.157658	-0.683407	17.00	1.50	18.50
OP 34	53.157285	-0.680499	14.09	1.50	15.59
OP 35	53.156925	-0.677527	15.61	1.50	17.11
OP 36	53.156481	-0.674695	15.53	1.50	17.03
OP 37	53.154294	-0.671744	14.48	1.50	15.98
OP 38	53.159781	-0.688181	16.54	1.50	18.04
OP 39	53.161480	-0.688707	20.00	1.50	21.50
OP 40	53.163268	-0.689458	22.10	1.50	23.60
OP 41	53.165056	-0.690059	23.00	1.50	24.50
OP 42	53.166857	-0.690445	21.02	1.50	22.52
OP 43	53.168458	-0.690488	19.72	1.50	21.22
OP 44	53.170298	-0.690144	16.14	1.50	17.64
OP 45	53.172156	-0.689672	14.66	1.50	16.16
OP 46	53.173680	-0.689340	13.00	1.50	14.50
OP 47	53.174491	-0.686840	13.00	1.50	14.50
OP 48	53.175610	-0.684855	14.00	1.50	15.50
OP 49	53.176838	-0.682602	16.39	1.50	17.89
OP 50	53.178002	-0.684490	16.00	1.50	17.50
OP 51	53.179680	-0.685563	15.52	1.50	17.02
OP 52	53.181249	-0.685939	14.00	1.50	15.50
OP 53	53.179513	-0.684029	15.27	1.50	16.77
OP 54	53.180747	-0.681572	17.05	1.50	18.55
OP 55	53.181763	-0.679501	15.67	1.50	17.17
OP 56	53.183261	-0.677441	15.26	1.50	16.76
OP 57	53.184663	-0.675843	14.00	1.50	15.50
OP 58	53.167725	-0.692633	19.49	1.50	20.99
OP 59	53.167416	-0.695509	16.36	1.50	17.86
OP 60	53.184142	-0.638013	15.35	1.50	16.85
OP 61	53.183814	-0.635148	15.93	1.50	17.43
OP 62	53.183448	-0.632091	14.54	1.50	16.04
OP 63	53.183145	-0.629290	14.80	1.50	16.30

OP 64	53.180336	-0.648763	25.23	1.50	26.73
OP 65	53.180207	-0.646274	26.50	1.50	28.00
OP 66	53.180014	-0.643356	25.36	1.50	26.86
OP 67	53.179506	-0.640084	23.90	1.50	25.40
OP 68	53.179159	-0.637498	21.36	1.50	22.86
OP 69	53.179056	-0.634365	17.06	1.50	18.56
OP 70	53.178330	-0.631586	14.95	1.50	16.45
OP 71	53.177609	-0.629054	12.58	1.50	14.08
OP 72	53.176941	-0.626651	10.26	1.50	11.76
OP 73	53.178793	-0.644643	25.93	1.50	27.43
OP 74	53.182792	-0.638968	14.54	1.50	16.04
OP 75	53.181377	-0.639837	16.21	1.50	17.71
OP 76	53.174947	-0.641832	13.97	1.50	15.47
OP 77	53.176793	-0.642015	20.35	1.50	21.85
OP 78	53.178600	-0.641639	27.72	1.50	29.22
OP 79	53.173134	-0.642197	15.83	1.50	17.33
OP 80	53.171481	-0.642744	15.23	1.50	16.73

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
PV array 1	SA tracking	SA tracking	9,374	113	-	-
PV array 10	SA tracking	SA tracking	8,986	0	-	-
PV array 11	SA tracking	SA tracking	0	0	-	-
PV array 12	SA tracking	SA tracking	3,385	0	-	-
PV array 13	SA tracking	SA tracking	0	0	-	-
PV array 14	SA tracking	SA tracking	82,717	0	-	-
PV array 15	SA tracking	SA tracking	1,923	0	-	-
PV array 2	SA tracking	SA tracking	6,002	0	-	-
PV array 3	SA tracking	SA tracking	4,845	146	-	-
PV array 4	SA tracking	SA tracking	10,661	2,676	-	-
PV array 5	SA tracking	SA tracking	8,276	127	-	-
PV array 6	SA tracking	SA tracking	59,572	8,835	-	-
PV array 7	SA tracking	SA tracking	3,625	217	-	-
PV array 8	SA tracking	SA tracking	0	0	-	-
PV array 9	SA tracking	SA tracking	0	0	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
pv-array-1 (green)	0	0	152	318	542	319	451	414	32	72	0	0
pv-array-1 (yellow)	0	0	0	8	0	8	0	0	0	0	0	0
pv-array-10 (green)	372	0	0	0	0	0	0	0	0	138	338	432
pv-array-10 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-12 (green)	84	1	0	0	0	0	0	0	0	0	63	183
pv-array-12 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-14 (green)	2711	0	0	0	0	0	0	0	0	6	1652	3934
pv-array-14 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-15 (green)	178	0	0	0	0	0	0	0	0	0	42	251
pv-array-15 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-2 (green)	32	0	0	0	128	259	189	58	149	80	157	0
pv-array-2 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-3 (green)	0	0	0	262	308	153	196	228	16	24	0	0
pv-array-3 (yellow)	0	0	0	0	5	0	3	0	0	0	0	0
pv-array-4 (green)	399	419	24	0	0	0	0	0	0	322	525	515
pv-array-4 (yellow)	167	0	0	0	0	0	0	0	0	0	119	451
pv-array-5 (green)	0	0	35	467	568	303	264	540	77	28	0	0
pv-array-5 (yellow)	0	0	0	5	18	31	25	6	0	0	0	0
pv-array-6 (green)	2649	211	230	3	0	0	0	0	137	194	2044	3261
pv-array-6 (yellow)	619	87	0	0	0	0	0	0	0	34	296	1478
pv-array-7 (green)	0	0	74	92	219	110	140	258	83	4	0	0
pv-array-7 (yellow)	0	0	27	66	11	0	0	70	23	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

PV array 1 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	46	0
OP: OP 8	210	0
OP: OP 9	188	0
OP: OP 10	214	0
OP: OP 11	216	0
OP: OP 12	208	0
OP: OP 13	48	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	459	0
OP: OP 31	392	0
OP: OP 32	371	0
OP: OP 33	289	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	587	0
OP: OP 39	703	0
OP: OP 40	747	14
OP: OP 41	813	99
OP: OP 42	787	0
OP: OP 43	795	0
OP: OP 44	633	0
OP: OP 45	289	0
OP: OP 46	0	0
OP: OP 47	0	0

OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	753	0
OP: OP 59	626	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

PV array 1: OP 1

No glare found

PV array 1: OP 2

No glare found

PV array 1: OP 3

No glare found

PV array 1: OP 4

No glare found

PV array 1: OP 5

No glare found

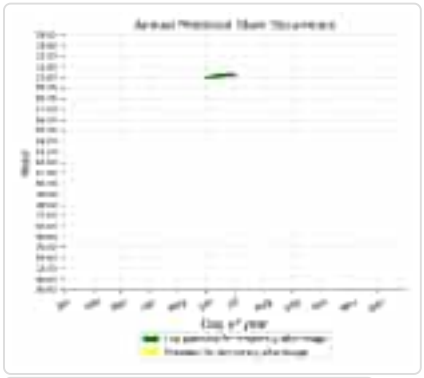
PV array 1: OP 6

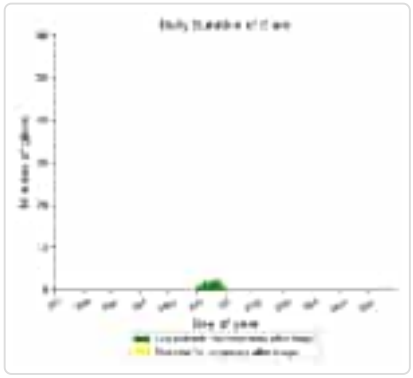
No glare found

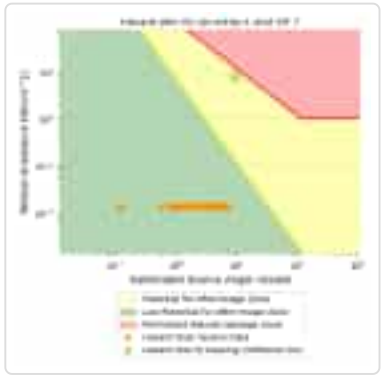
PV array 1: OP 7

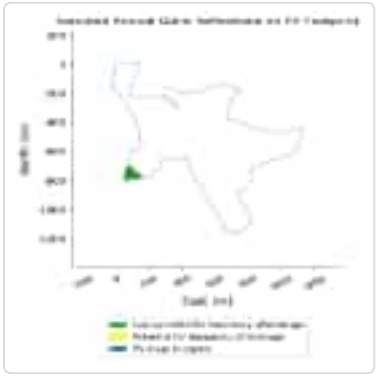
PV array is expected to produce the following glare for this receptor:

- 46 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





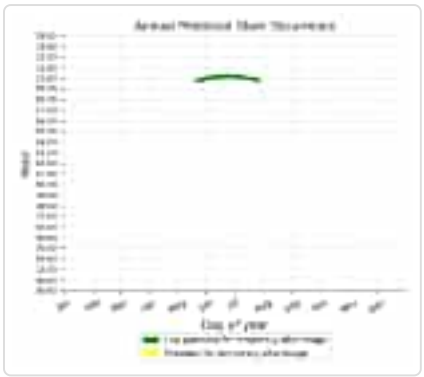


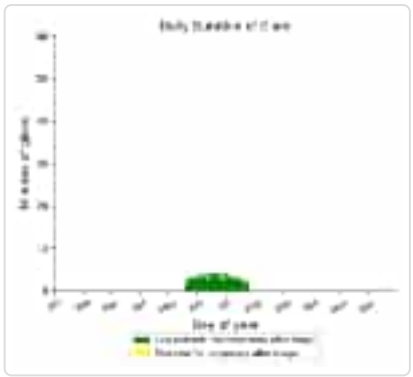


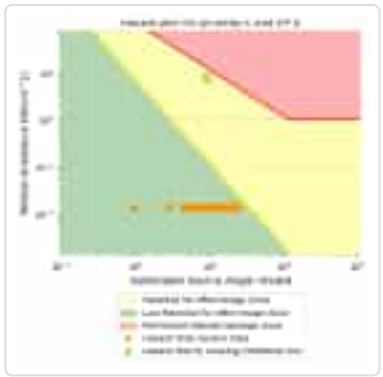
PV array 1: OP 8

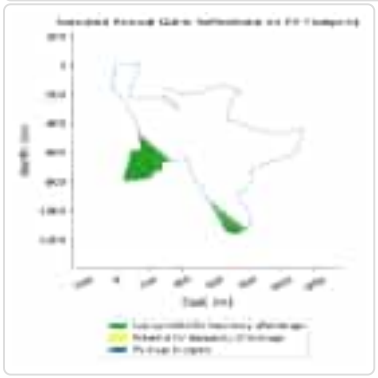
PV array is expected to produce the following glare for this receptor:

- 210 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





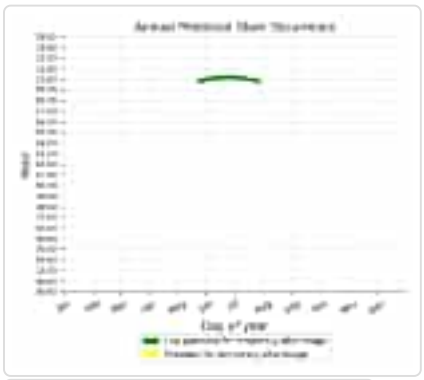


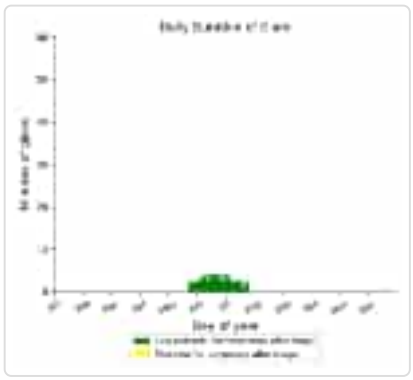


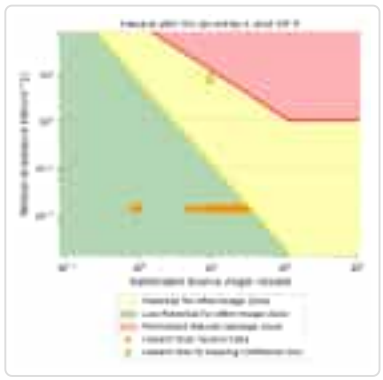
PV array 1: OP 9

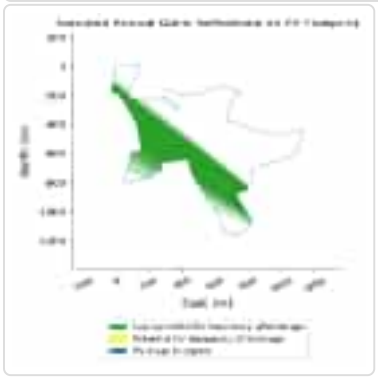
PV array is expected to produce the following glare for this receptor:

- 188 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





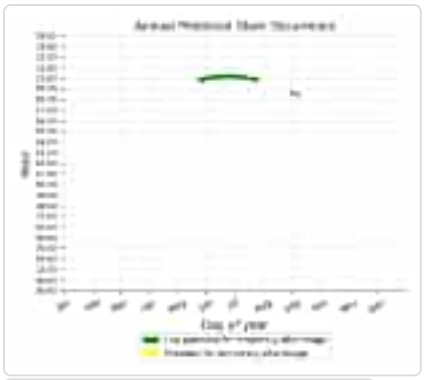


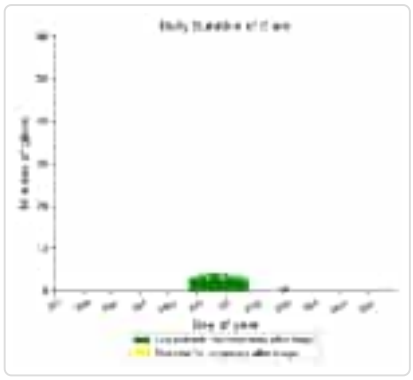


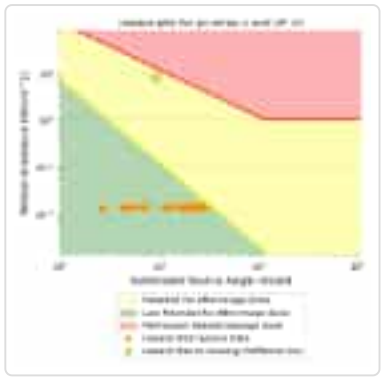
PV array 1: OP 10

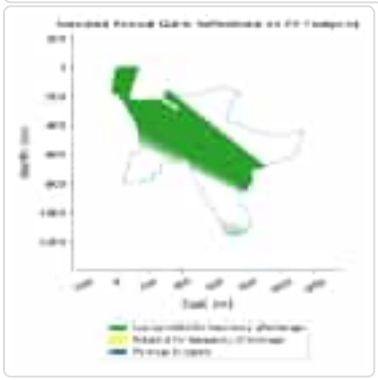
PV array is expected to produce the following glare for this receptor:

- 214 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





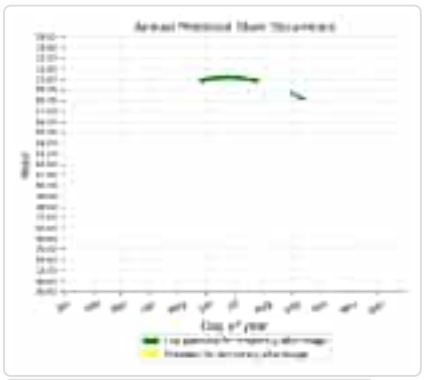


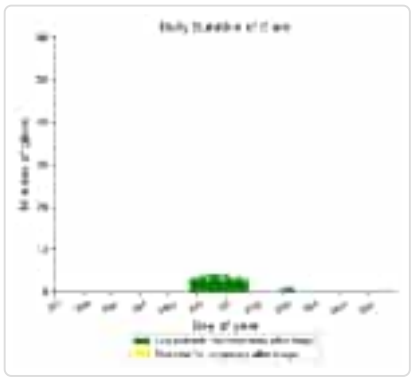


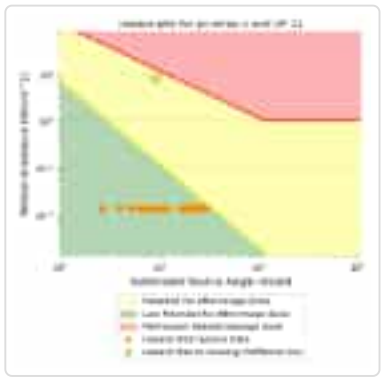
PV array 1: OP 11

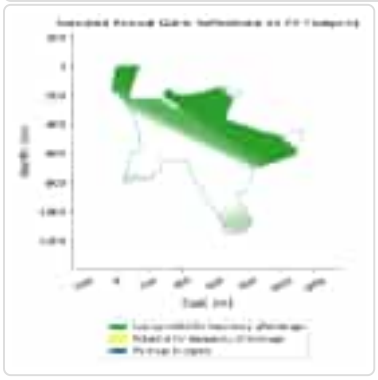
PV array is expected to produce the following glare for this receptor:

- 216 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





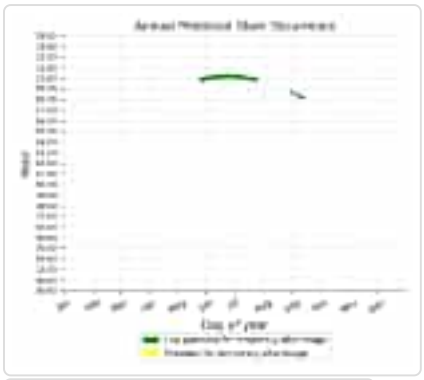


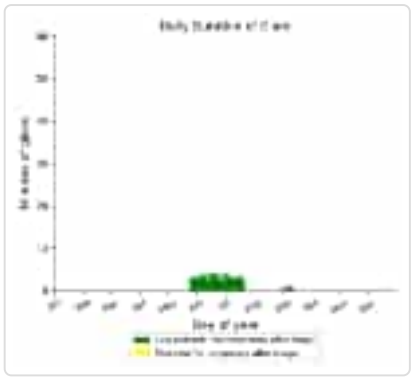


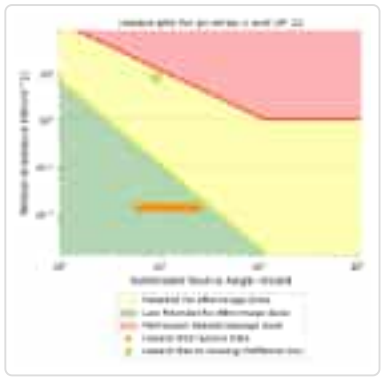
PV array 1: OP 12

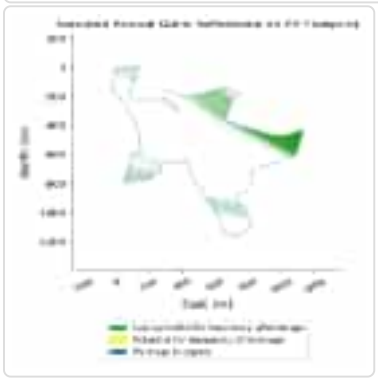
PV array is expected to produce the following glare for this receptor:

- 208 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





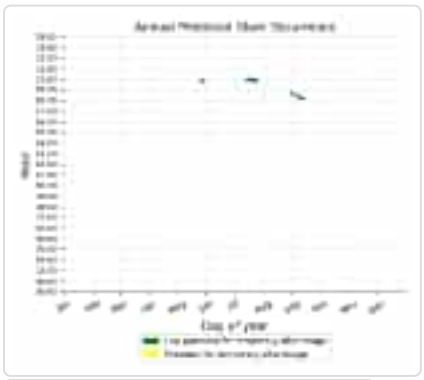


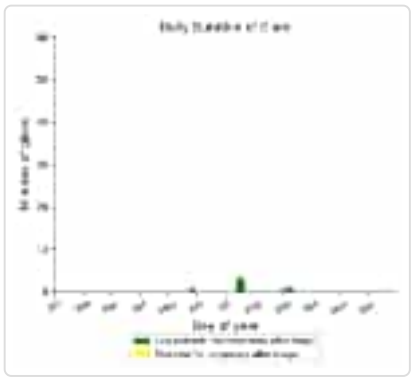


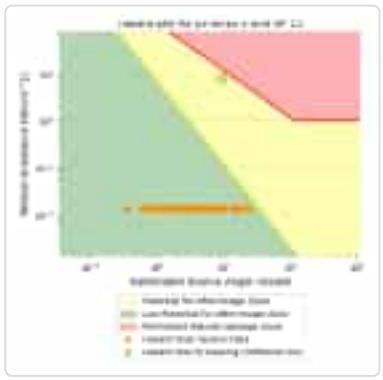
PV array 1: OP 13

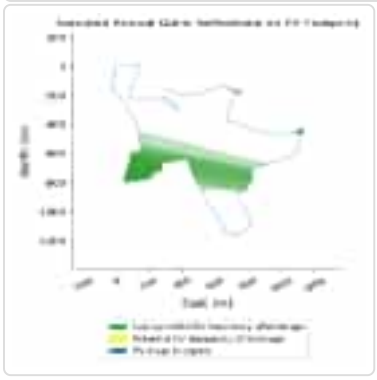
PV array is expected to produce the following glare for this receptor:

- 48 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 14

No glare found

PV array 1: OP 15

No glare found

PV array 1: OP 16

No glare found

PV array 1: OP 17

No glare found

PV array 1: OP 18

No glare found

PV array 1: OP 19

No glare found

PV array 1: OP 20

No glare found

PV array 1: OP 21

No glare found

PV array 1: OP 22

No glare found

PV array 1: OP 23

No glare found

PV array 1: OP 24

No glare found

PV array 1: OP 25

No glare found

PV array 1: OP 26

No glare found

PV array 1: OP 27

No glare found

PV array 1: OP 28

No glare found

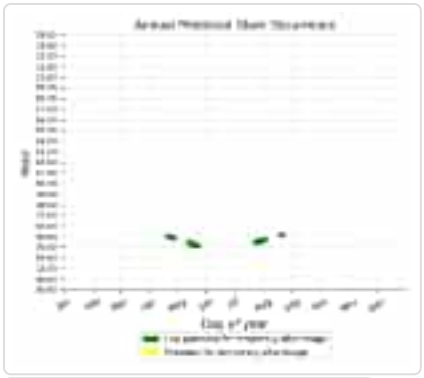
PV array 1: OP 29

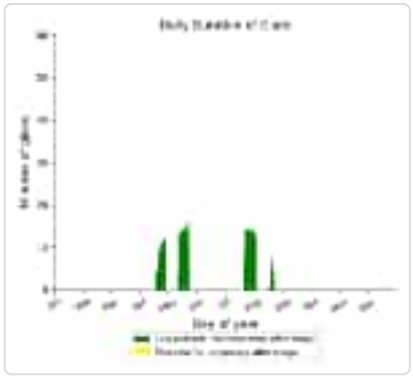
No glare found

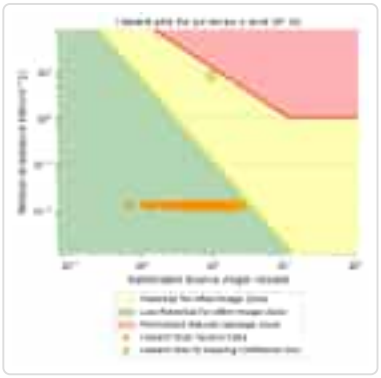
PV array 1: OP 30

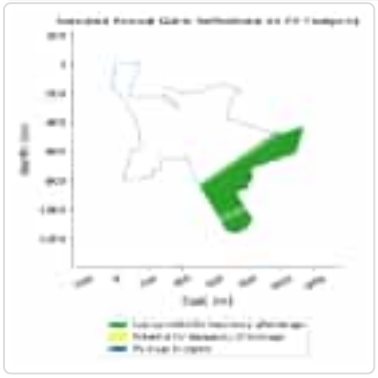
PV array is expected to produce the following glare for this receptor:

- 459 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





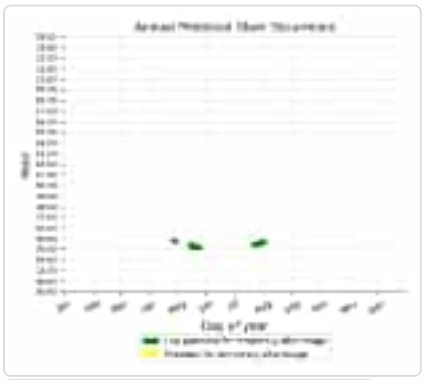


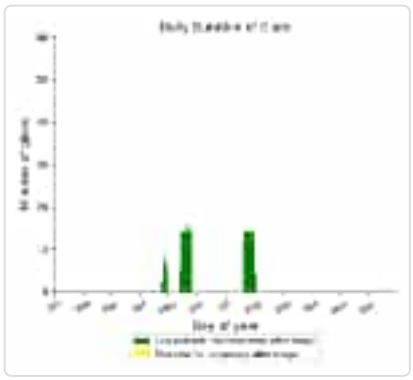


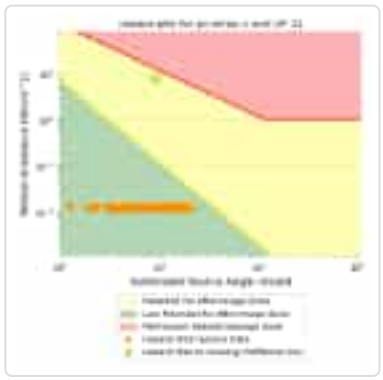
PV array 1: OP 31

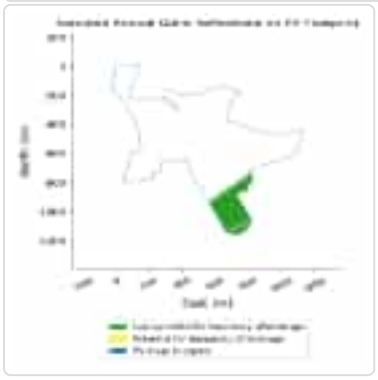
PV array is expected to produce the following glare for this receptor:

- 392 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





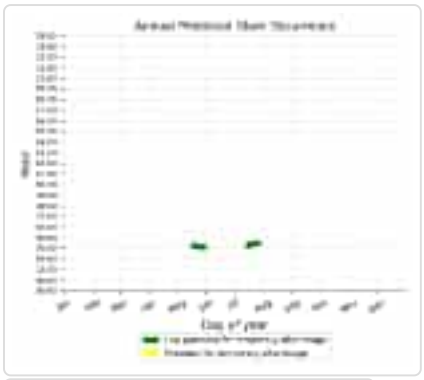


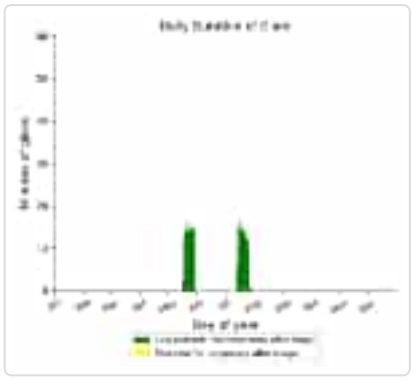


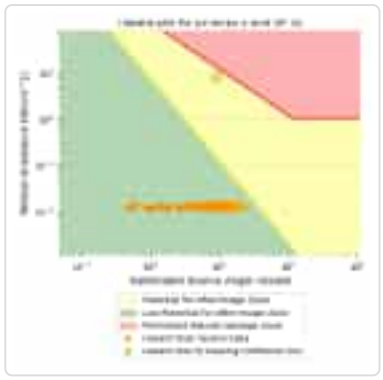
PV array 1: OP 32

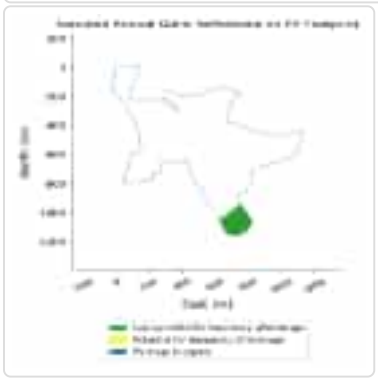
PV array is expected to produce the following glare for this receptor:

- 371 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





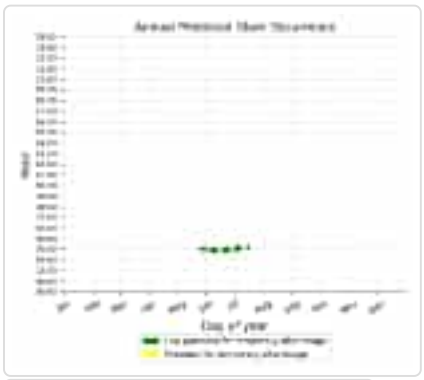


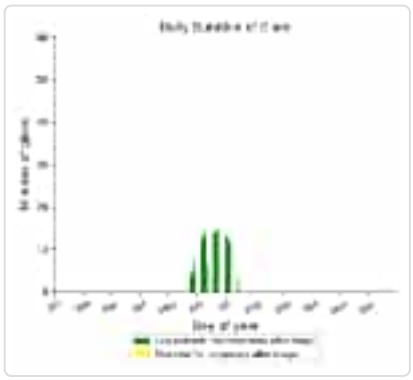


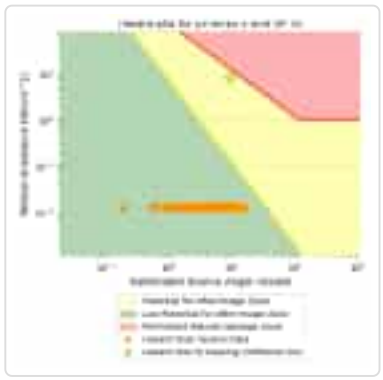
PV array 1: OP 33

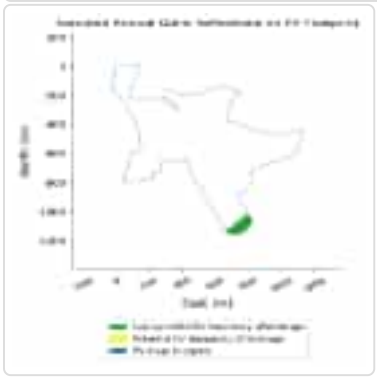
PV array is expected to produce the following glare for this receptor:

- 289 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 34

No glare found

PV array 1: OP 35

No glare found

PV array 1: OP 36

No glare found

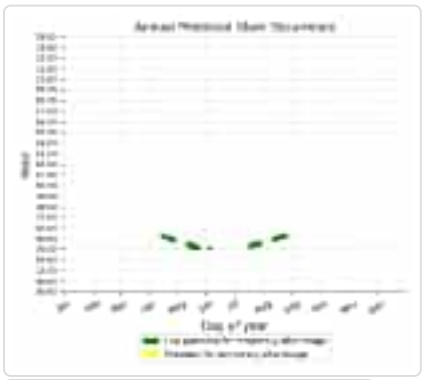
PV array 1: OP 37

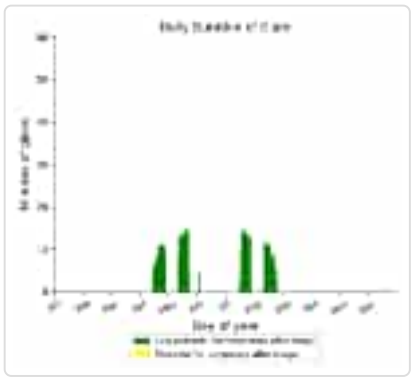
No glare found

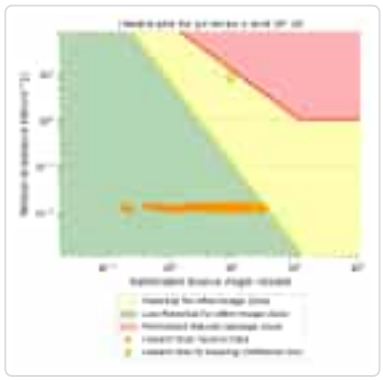
PV array 1: OP 38

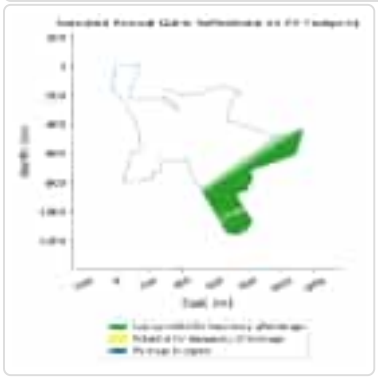
PV array is expected to produce the following glare for this receptor:

- 587 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





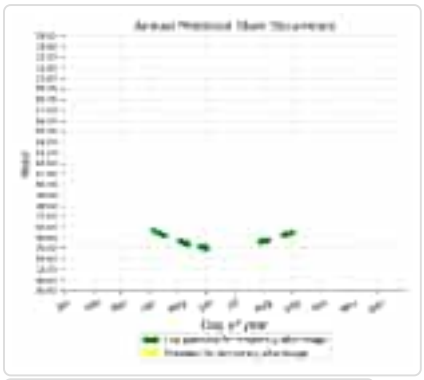


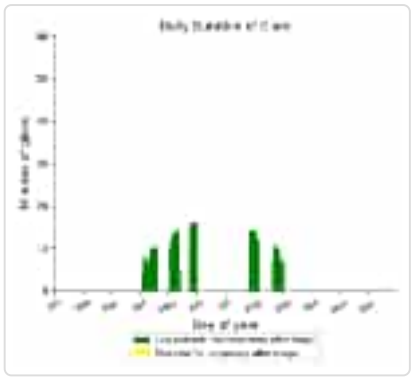


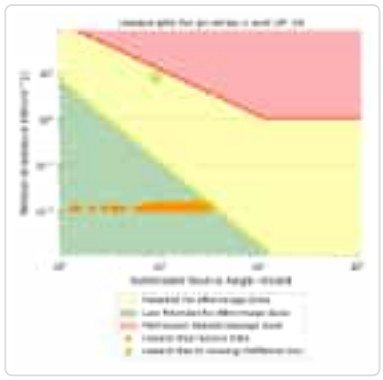
PV array 1: OP 39

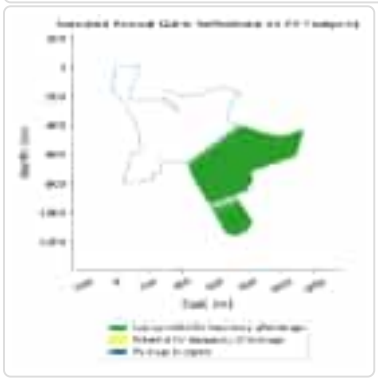
PV array is expected to produce the following glare for this receptor:

- 703 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





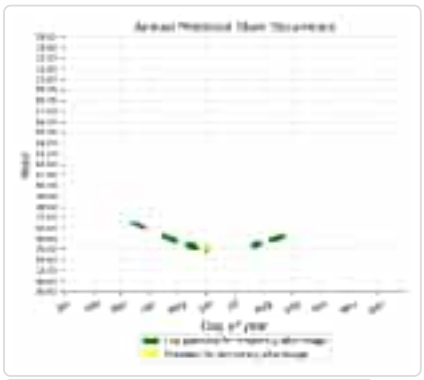


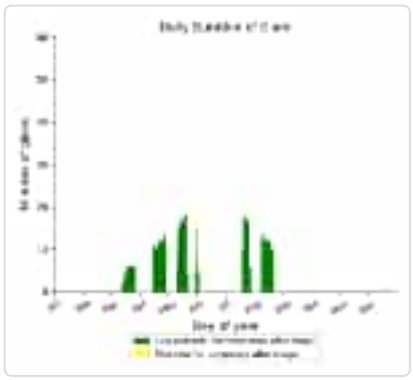


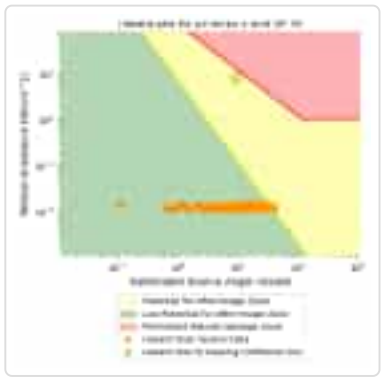
PV array 1: OP 40

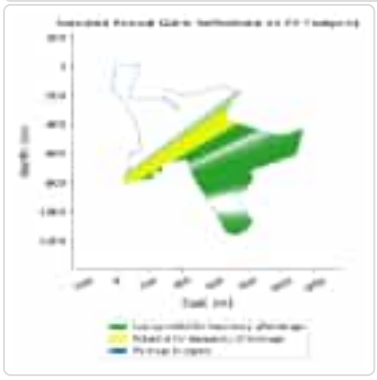
PV array is expected to produce the following glare for this receptor:

- 747 minutes of "green" glare with low potential to cause temporary after-image.
- 14 minutes of "yellow" glare with potential to cause temporary after-image.





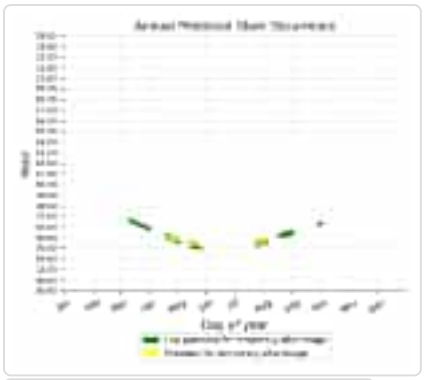


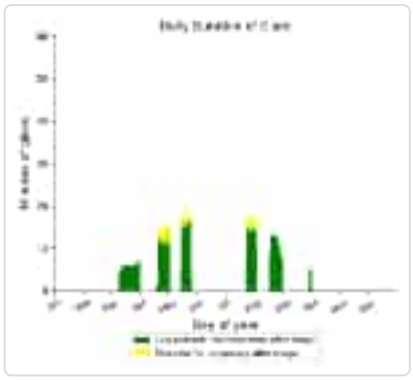


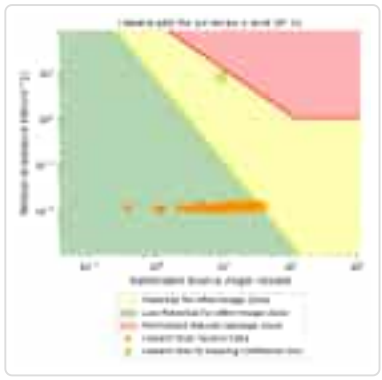
PV array 1: OP 41

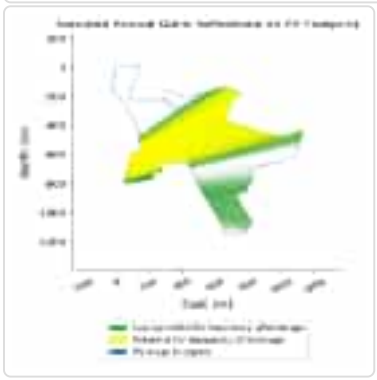
PV array is expected to produce the following glare for this receptor:

- 813 minutes of "green" glare with low potential to cause temporary after-image.
- 99 minutes of "yellow" glare with potential to cause temporary after-image.





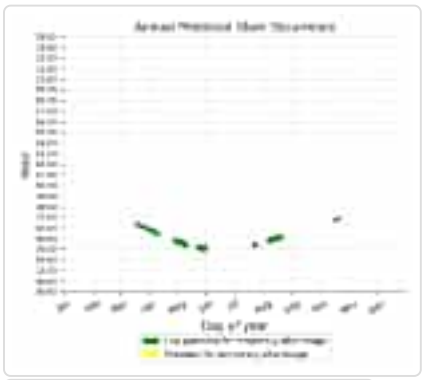


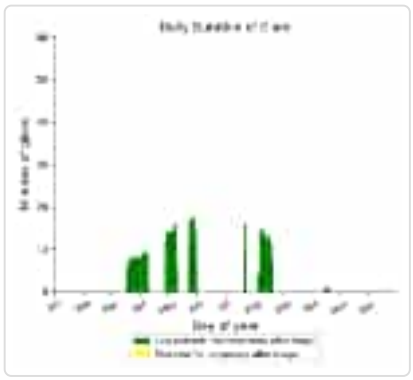


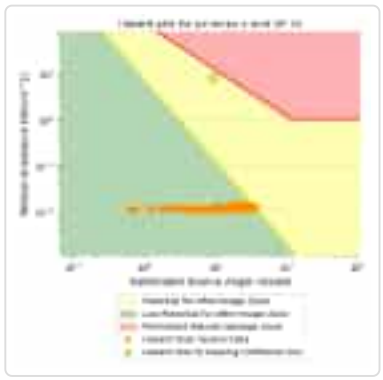
PV array 1: OP 42

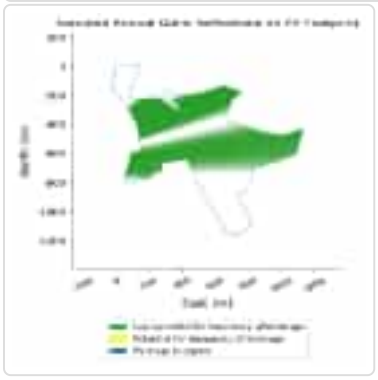
PV array is expected to produce the following glare for this receptor:

- 787 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





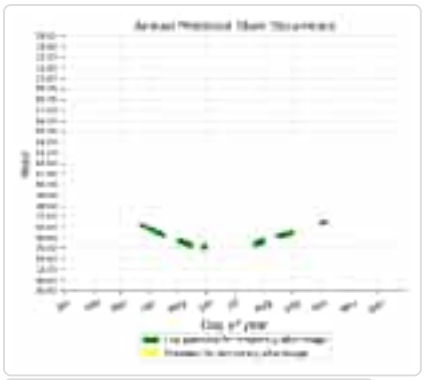


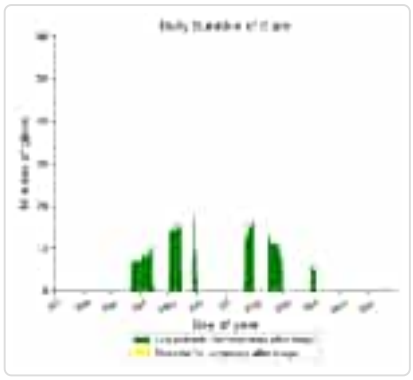


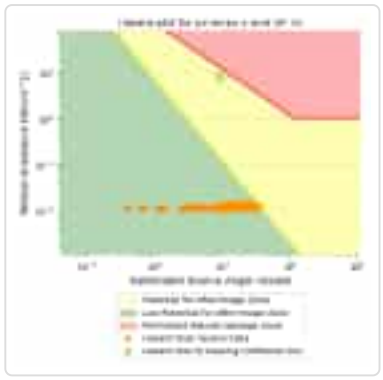
PV array 1: OP 43

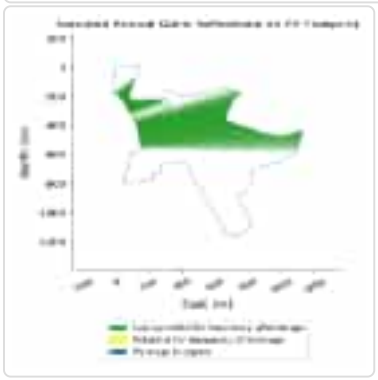
PV array is expected to produce the following glare for this receptor:

- 795 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





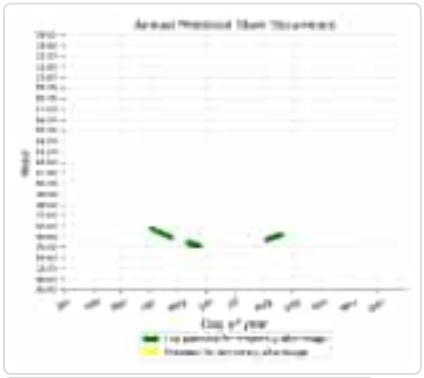


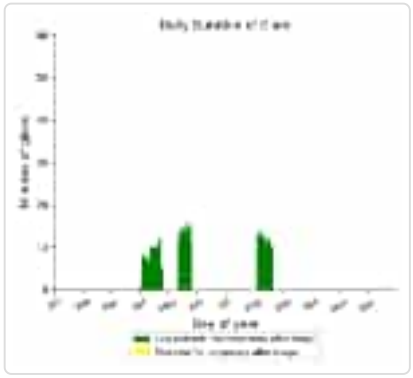


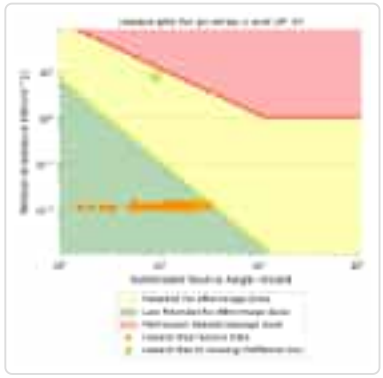
PV array 1: OP 44

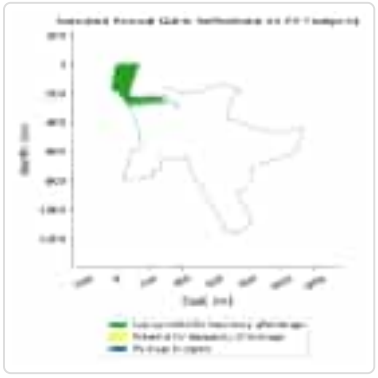
PV array is expected to produce the following glare for this receptor:

- 633 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





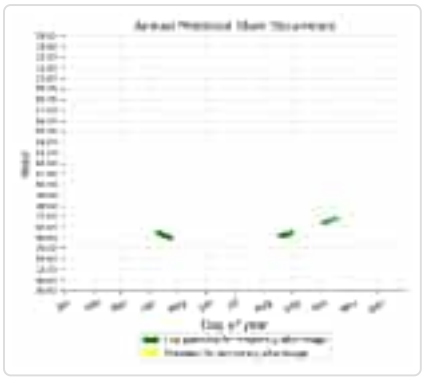


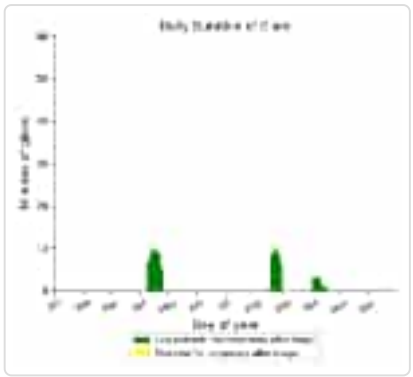


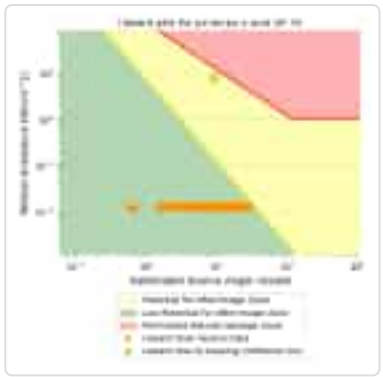
PV array 1: OP 45

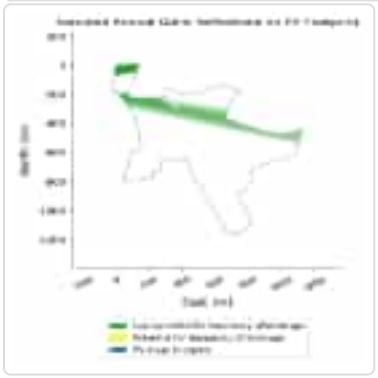
PV array is expected to produce the following glare for this receptor:

- 289 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 46

No glare found

PV array 1: OP 47

No glare found

PV array 1: OP 48

No glare found

PV array 1: OP 49

No glare found

PV array 1: OP 50

No glare found

PV array 1: OP 51

No glare found

PV array 1: OP 52

No glare found

PV array 1: OP 53

No glare found

PV array 1: OP 54

No glare found

PV array 1: OP 55

No glare found

PV array 1: OP 56

No glare found

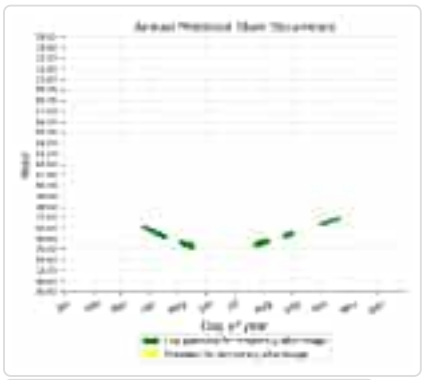
PV array 1: OP 57

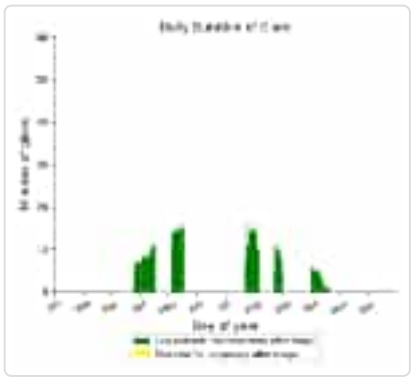
No glare found

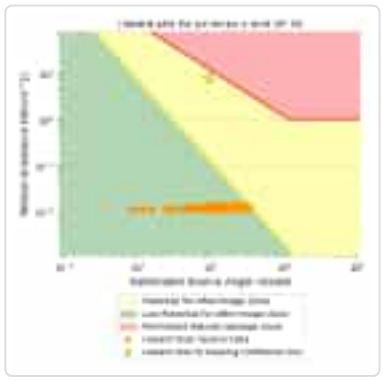
PV array 1: OP 58

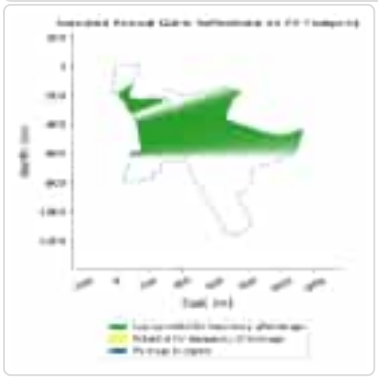
PV array is expected to produce the following glare for this receptor:

- 753 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





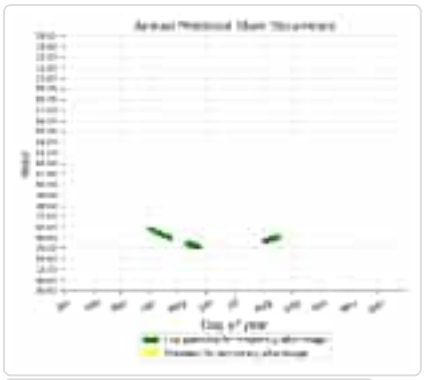


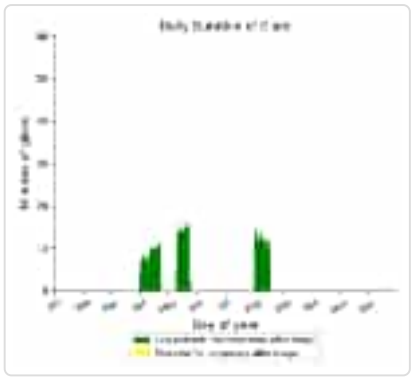


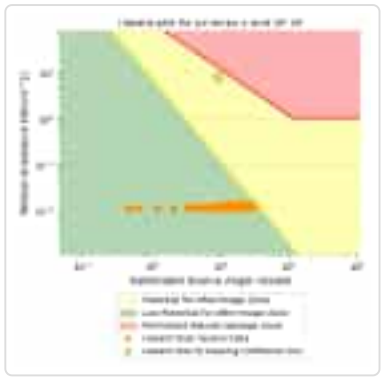
PV array 1: OP 59

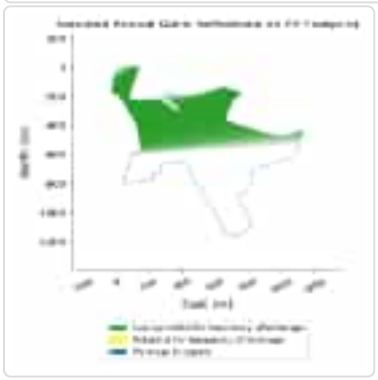
PV array is expected to produce the following glare for this receptor:

- 626 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 60

No glare found

PV array 1: OP 61

No glare found

PV array 1: OP 62

No glare found

PV array 1: OP 63

No glare found

PV array 1: OP 64

No glare found

PV array 1: OP 65

No glare found

PV array 1: OP 66

No glare found

PV array 1: OP 67

No glare found

PV array 1: OP 68

No glare found

PV array 1: OP 69

No glare found

PV array 1: OP 70

No glare found

PV array 1: OP 71

No glare found

PV array 1: OP 72

No glare found

PV array 1: OP 73

No glare found

PV array 1: OP 74

No glare found

PV array 1: OP 75

No glare found

PV array 1: OP 76

No glare found

PV array 1: OP 77

No glare found

PV array 1: OP 78

No glare found

PV array 1: OP 79

No glare found

PV array 1: OP 80

No glare found

PV array 10 low potential for temporary after-image

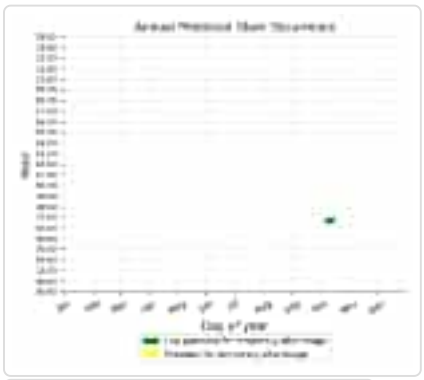
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	74	0
OP: OP 2	118	0
OP: OP 3	120	0
OP: OP 4	119	0
OP: OP 5	135	0
OP: OP 6	155	0
OP: OP 7	144	0
OP: OP 8	304	0
OP: OP 9	507	0
OP: OP 10	723	0
OP: OP 11	572	0
OP: OP 12	371	0
OP: OP 13	196	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	125	0
OP: OP 31	124	0
OP: OP 32	118	0
OP: OP 33	126	0
OP: OP 34	114	0
OP: OP 35	124	0
OP: OP 36	133	0

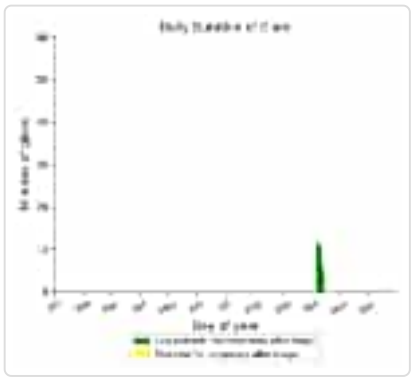
OP: OP 37	121	0
OP: OP 38	104	0
OP: OP 39	95	0
OP: OP 40	73	0
OP: OP 41	43	0
OP: OP 42	76	0
OP: OP 43	128	0
OP: OP 44	200	0
OP: OP 45	270	0
OP: OP 46	320	0
OP: OP 47	369	0
OP: OP 48	442	0
OP: OP 49	422	0
OP: OP 50	355	0
OP: OP 51	358	0
OP: OP 52	308	0
OP: OP 53	355	0
OP: OP 54	203	0
OP: OP 55	139	0
OP: OP 56	58	0
OP: OP 57	0	0
OP: OP 58	85	0
OP: OP 59	60	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

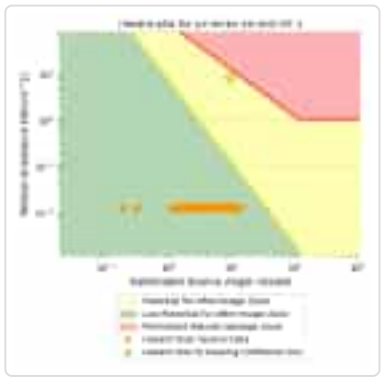
PV array 10: OP 1

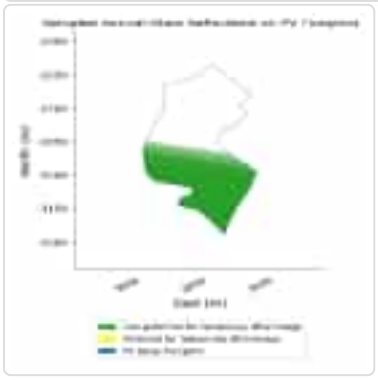
PV array is expected to produce the following glare for this receptor:

- 74 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





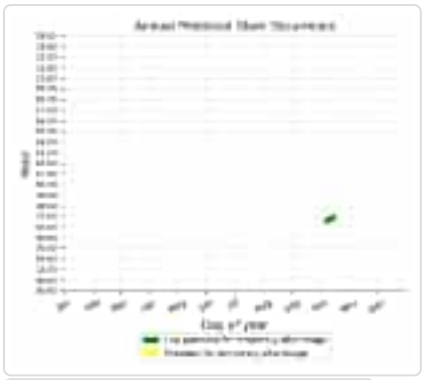


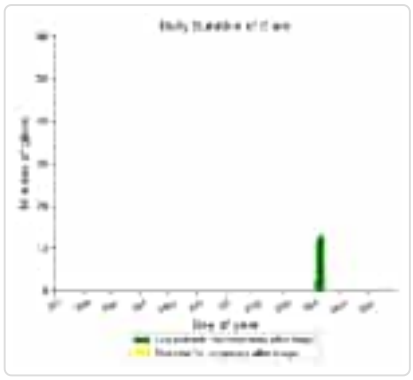


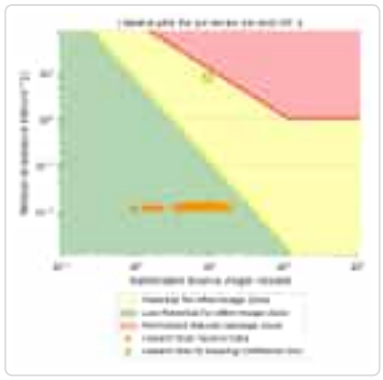
PV array 10: OP 2

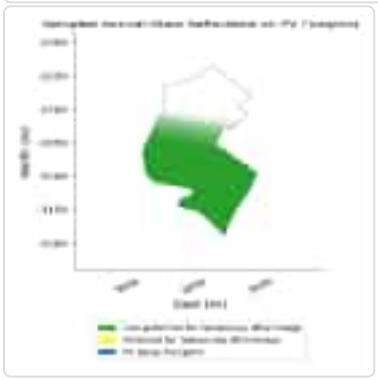
PV array is expected to produce the following glare for this receptor:

- 118 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





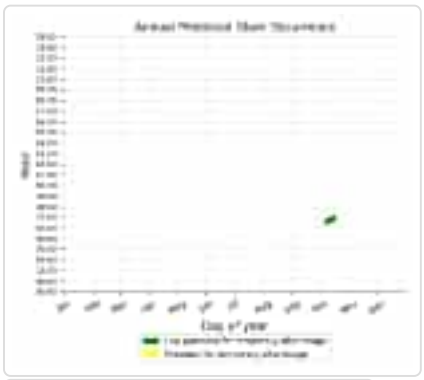


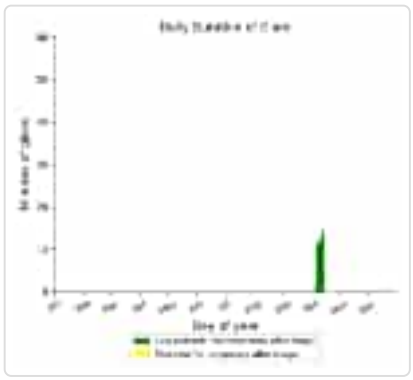


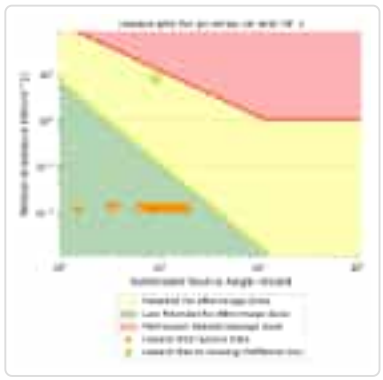
PV array 10: OP 3

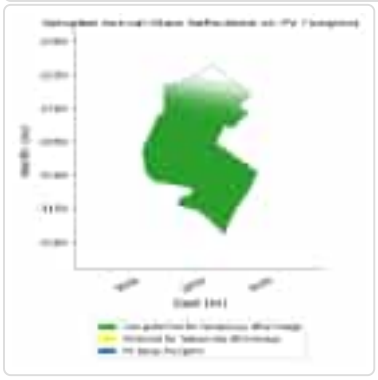
PV array is expected to produce the following glare for this receptor:

- 120 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





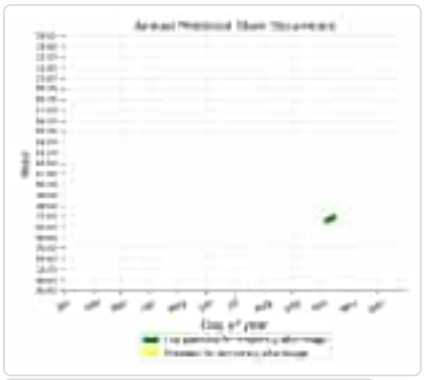


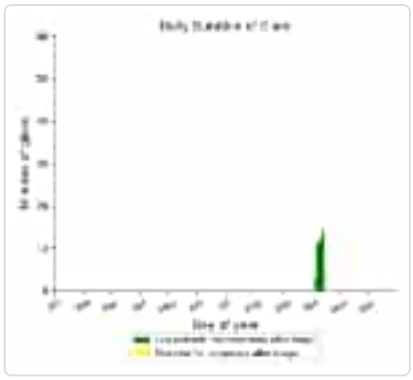


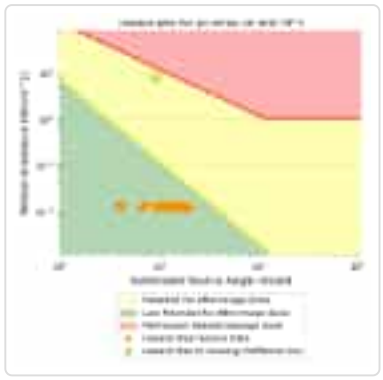
PV array 10: OP 4

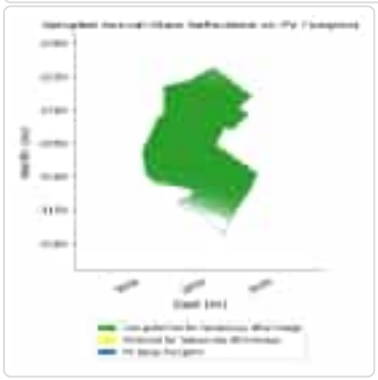
PV array is expected to produce the following glare for this receptor:

- 119 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





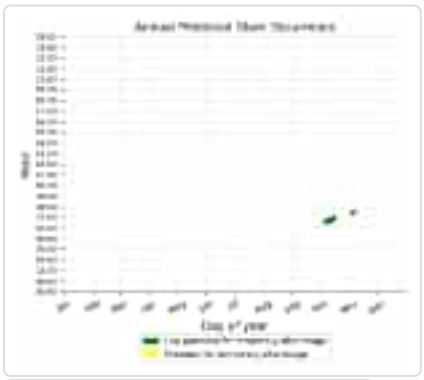


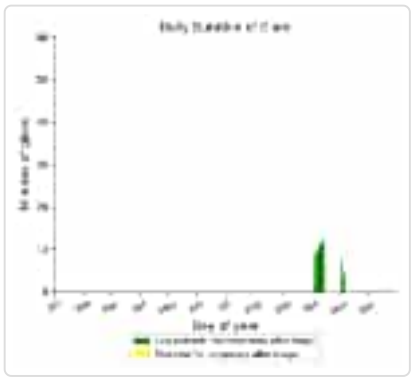


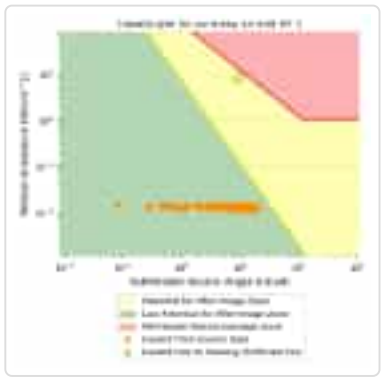
PV array 10: OP 5

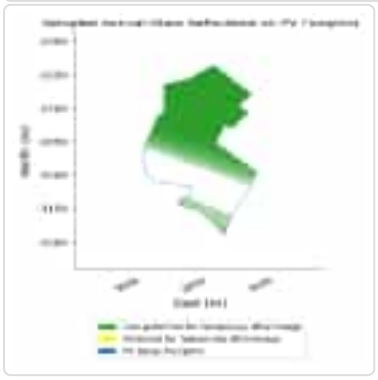
PV array is expected to produce the following glare for this receptor:

- 135 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





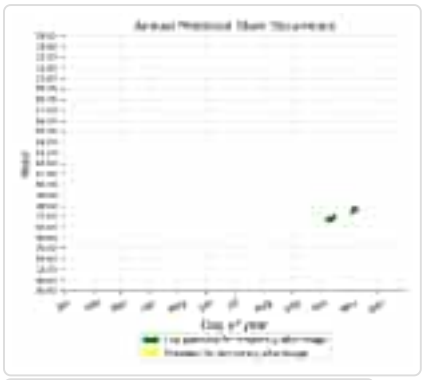


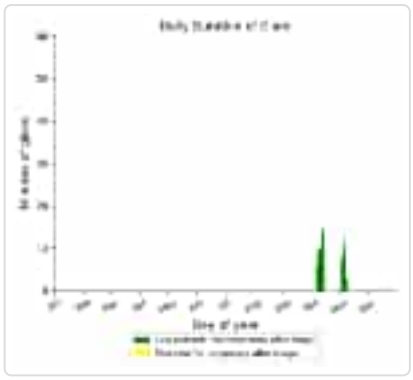


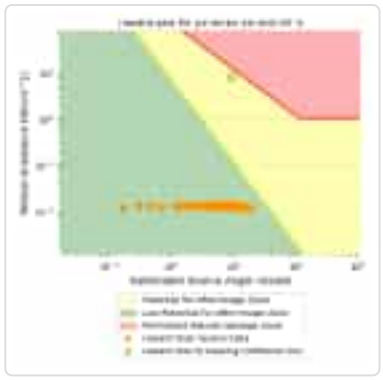
PV array 10: OP 6

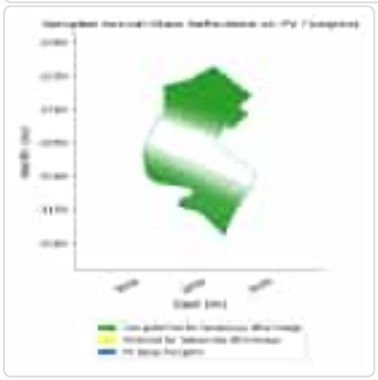
PV array is expected to produce the following glare for this receptor:

- 155 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





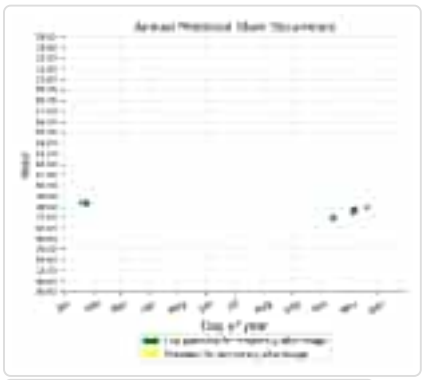


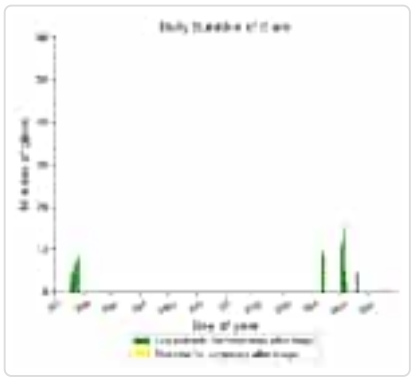


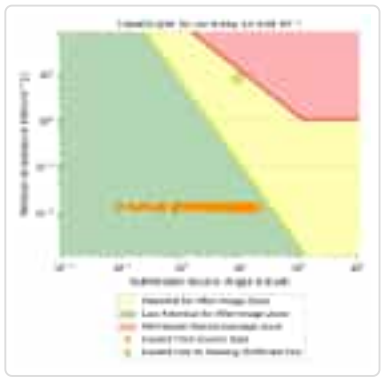
PV array 10: OP 7

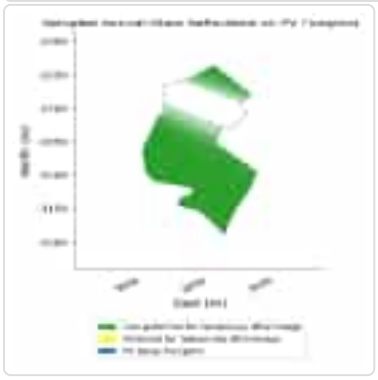
PV array is expected to produce the following glare for this receptor:

- 144 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





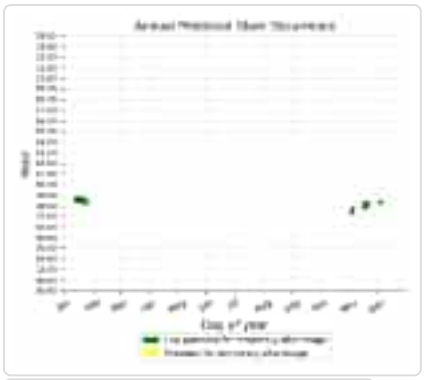


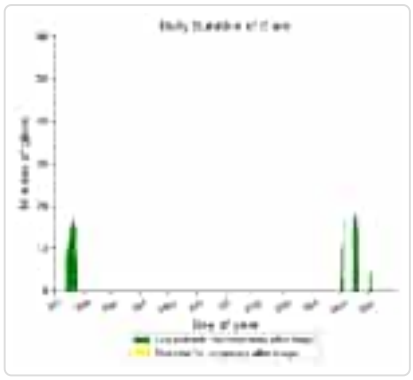


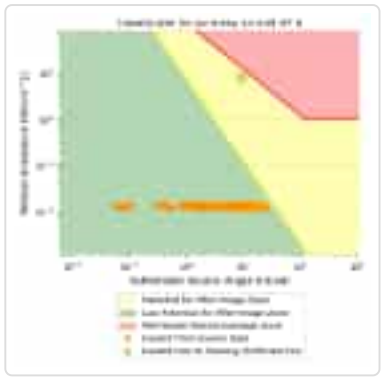
PV array 10: OP 8

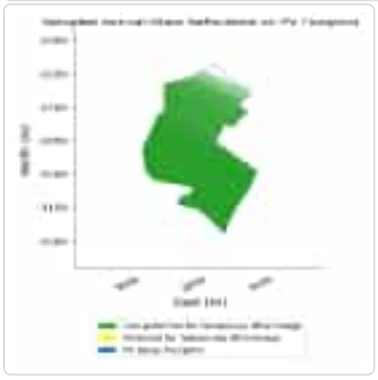
PV array is expected to produce the following glare for this receptor:

- 304 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





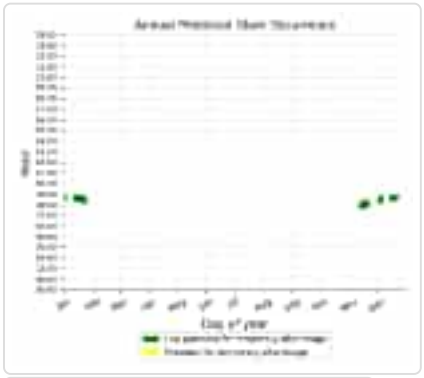


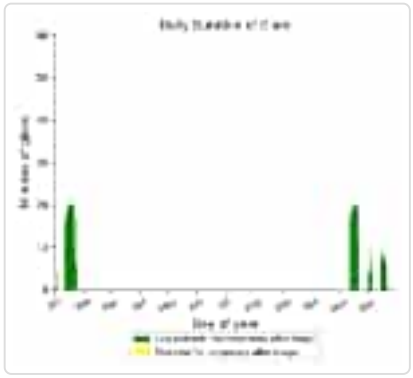


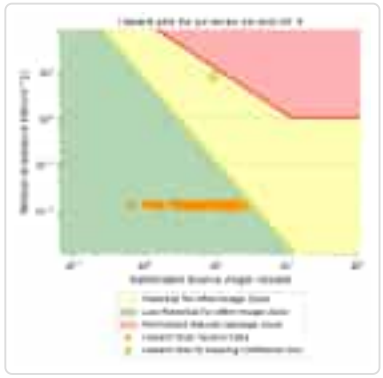
PV array 10: OP 9

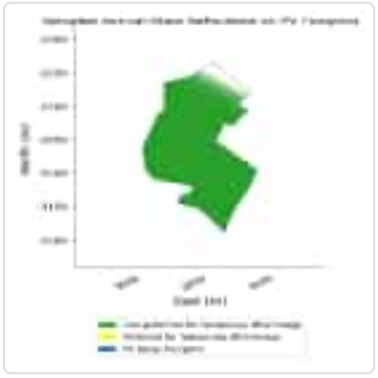
PV array is expected to produce the following glare for this receptor:

- 507 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





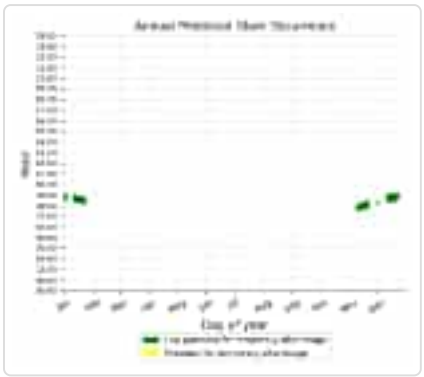


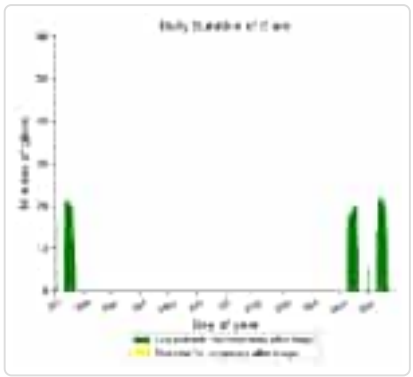


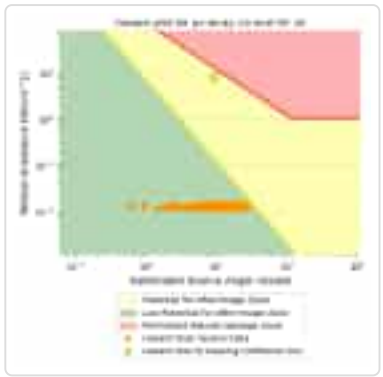
PV array 10: OP 10

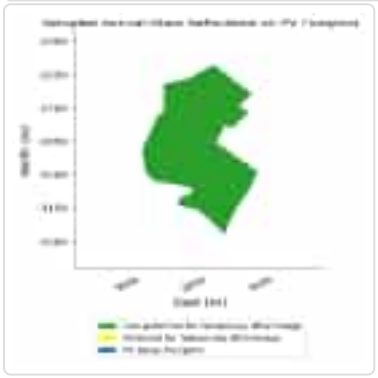
PV array is expected to produce the following glare for this receptor:

- 723 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





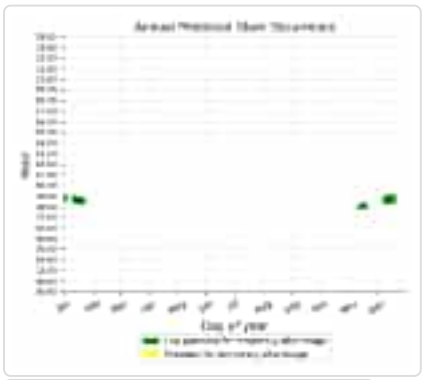


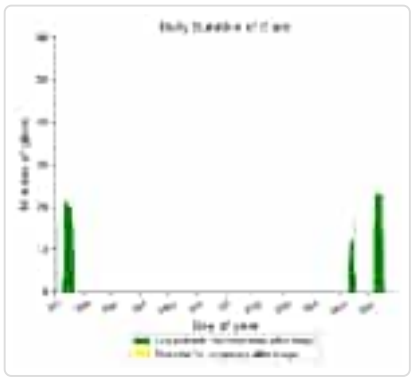


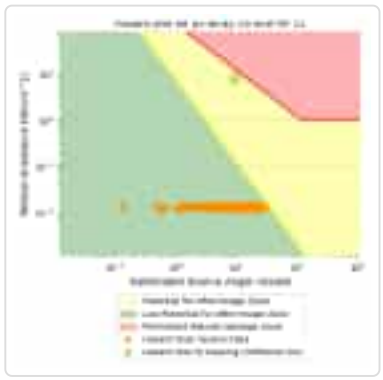
PV array 10: OP 11

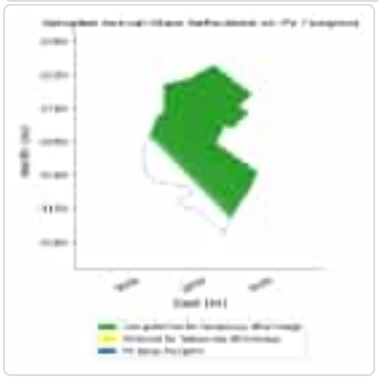
PV array is expected to produce the following glare for this receptor:

- 572 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





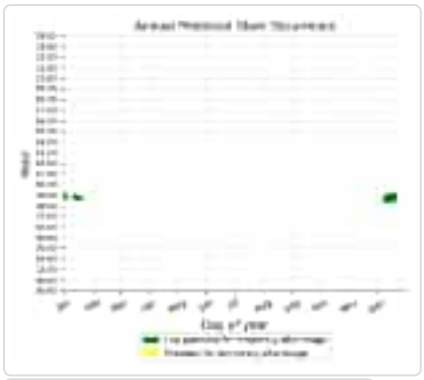


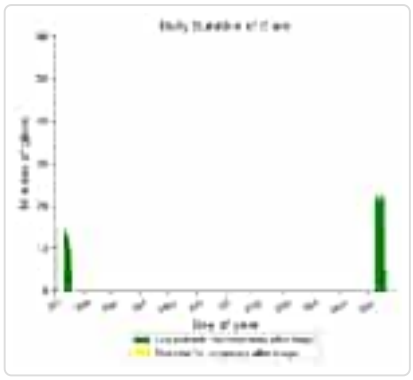


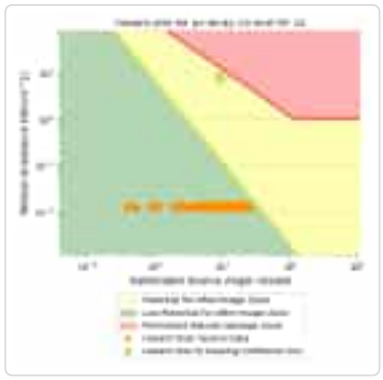
PV array 10: OP 12

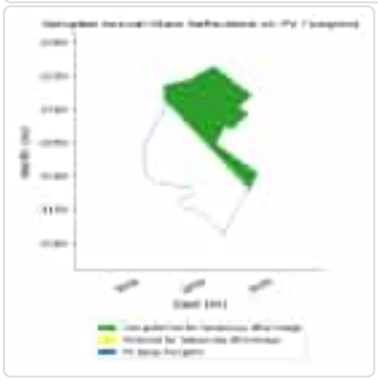
PV array is expected to produce the following glare for this receptor:

- 371 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





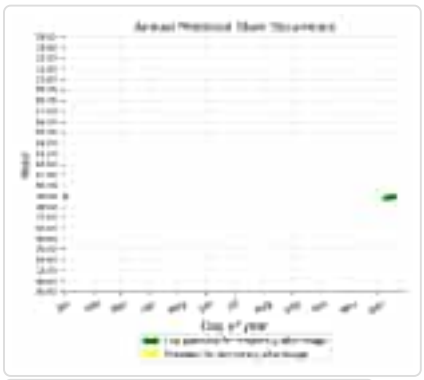


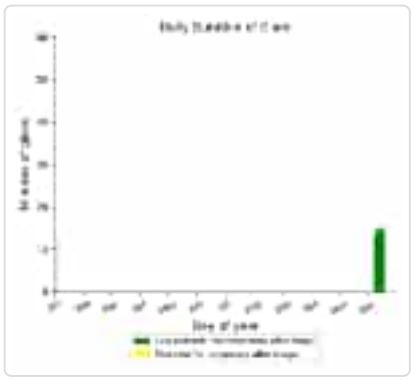


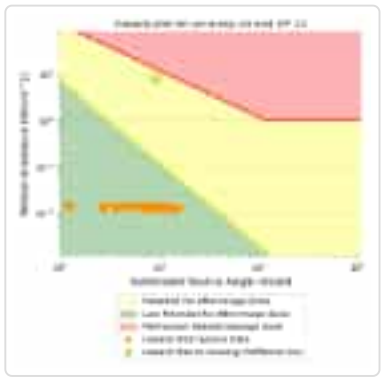
PV array 10: OP 13

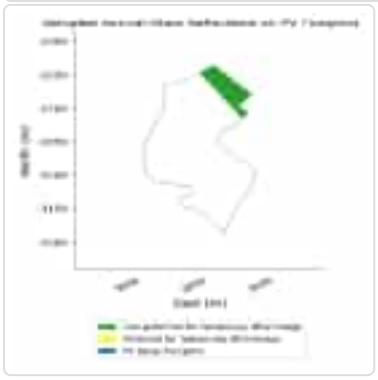
PV array is expected to produce the following glare for this receptor:

- 196 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 14

No glare found

PV array 10: OP 15

No glare found

PV array 10: OP 16

No glare found

PV array 10: OP 17

No glare found

PV array 10: OP 18

No glare found

PV array 10: OP 19

No glare found

PV array 10: OP 20

No glare found

PV array 10: OP 21

No glare found

PV array 10: OP 22

No glare found

PV array 10: OP 23

No glare found

PV array 10: OP 24

No glare found

PV array 10: OP 25

No glare found

PV array 10: OP 26

No glare found

PV array 10: OP 27

No glare found

PV array 10: OP 28

No glare found

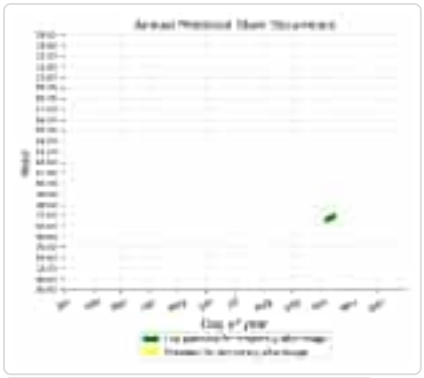
PV array 10: OP 29

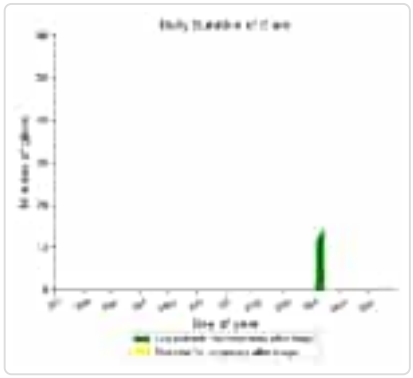
No glare found

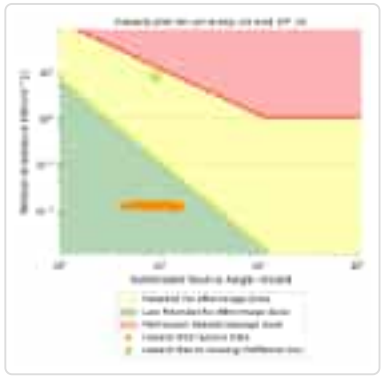
PV array 10: OP 30

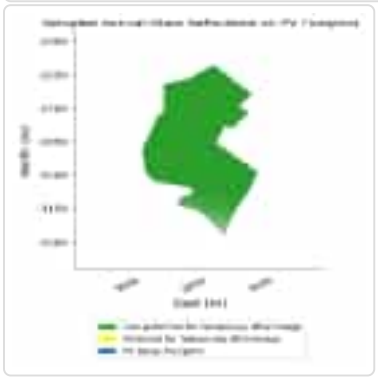
PV array is expected to produce the following glare for this receptor:

- 125 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





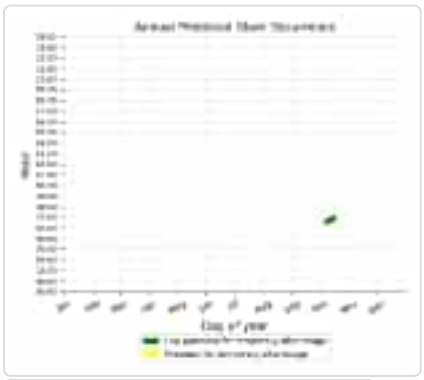


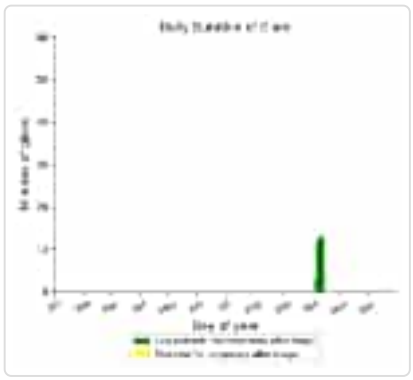


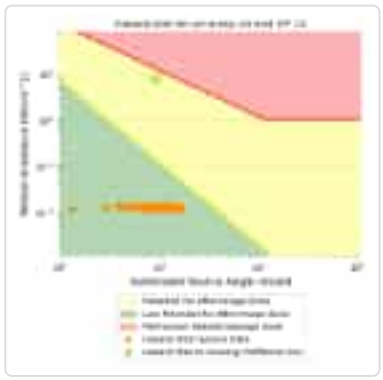
PV array 10: OP 31

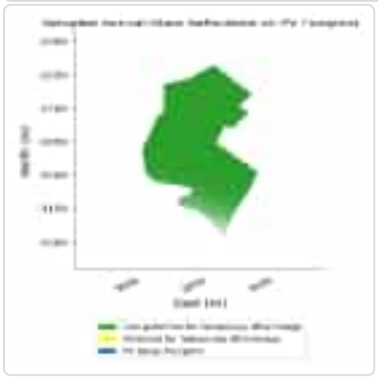
PV array is expected to produce the following glare for this receptor:

- 124 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





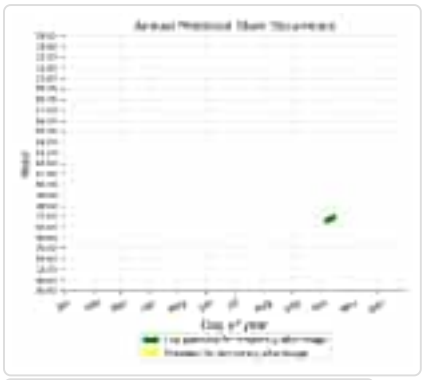


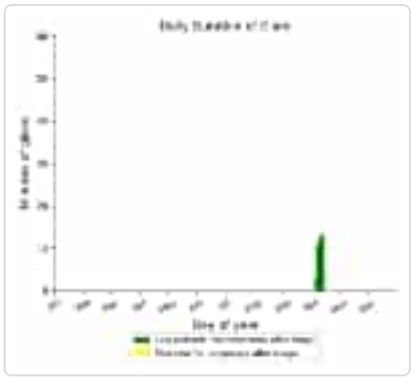


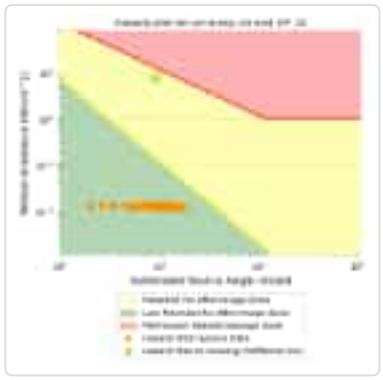
PV array 10: OP 32

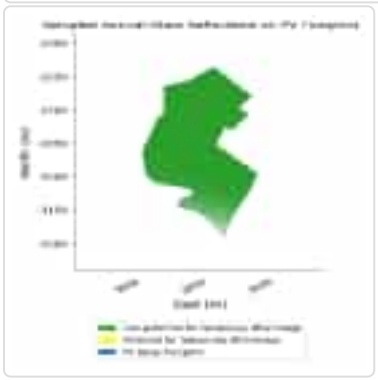
PV array is expected to produce the following glare for this receptor:

- 118 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





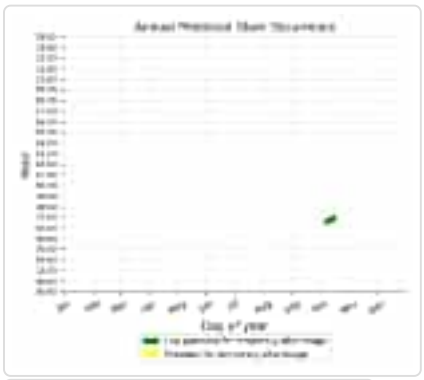


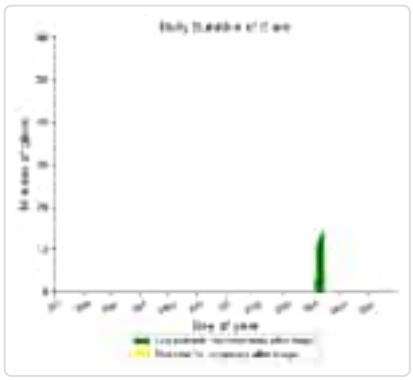


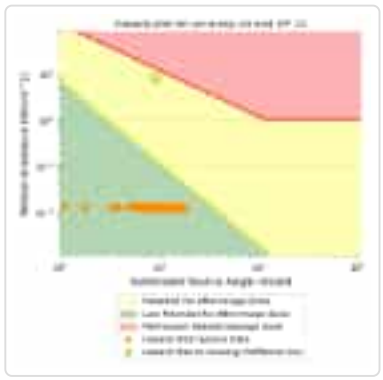
PV array 10: OP 33

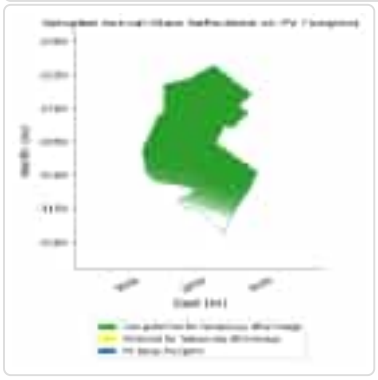
PV array is expected to produce the following glare for this receptor:

- 126 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





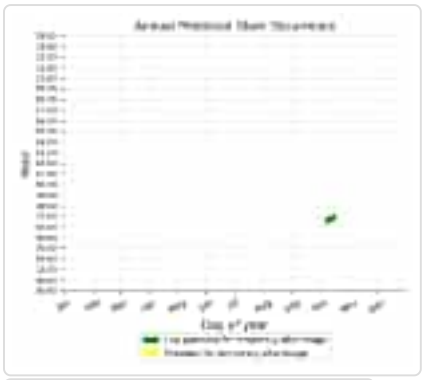


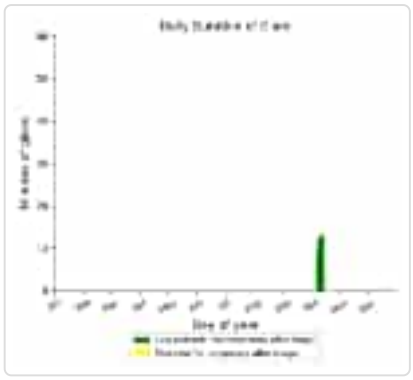


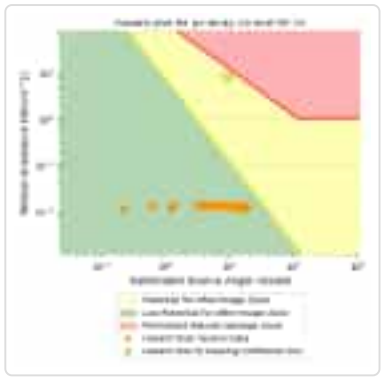
PV array 10: OP 34

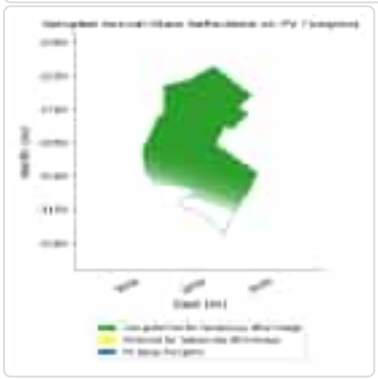
PV array is expected to produce the following glare for this receptor:

- 114 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





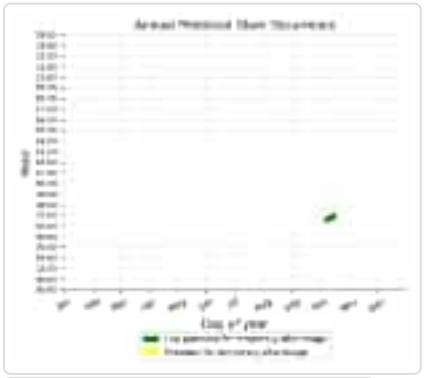


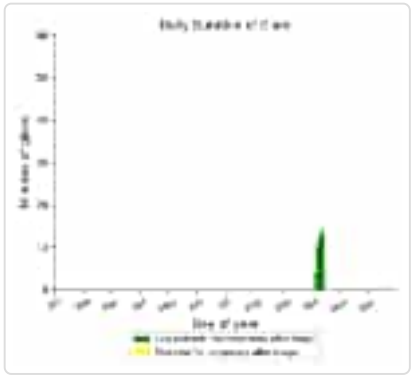


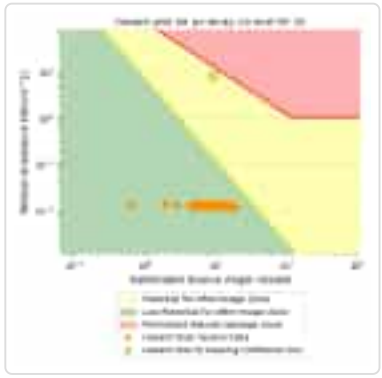
PV array 10: OP 35

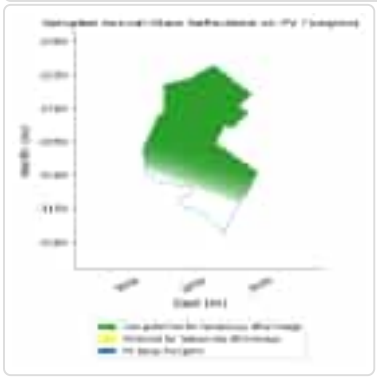
PV array is expected to produce the following glare for this receptor:

- 124 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





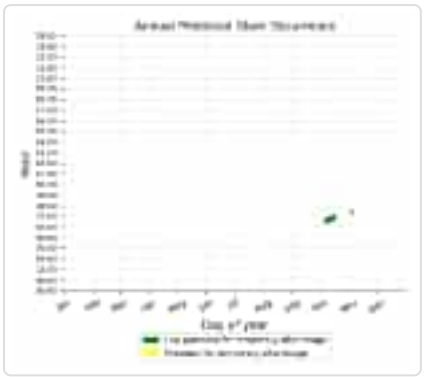


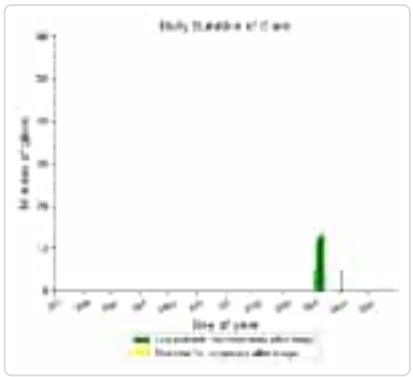


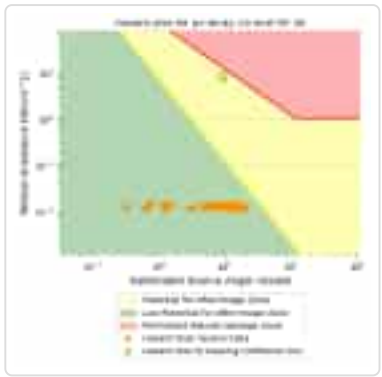
PV array 10: OP 36

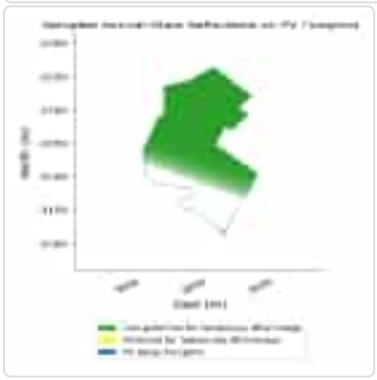
PV array is expected to produce the following glare for this receptor:

- 133 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





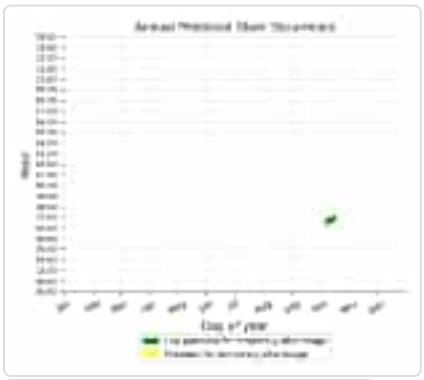


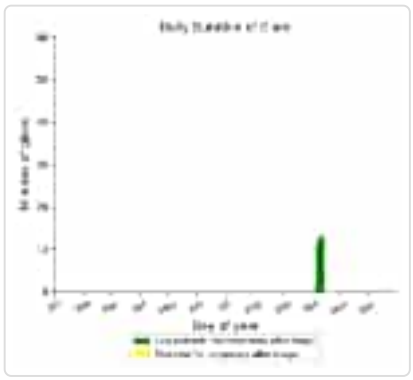


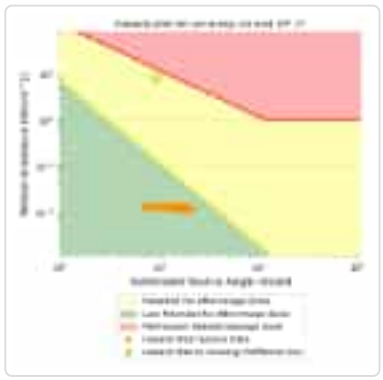
PV array 10: OP 37

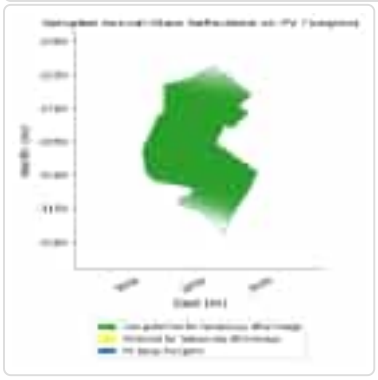
PV array is expected to produce the following glare for this receptor:

- 121 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





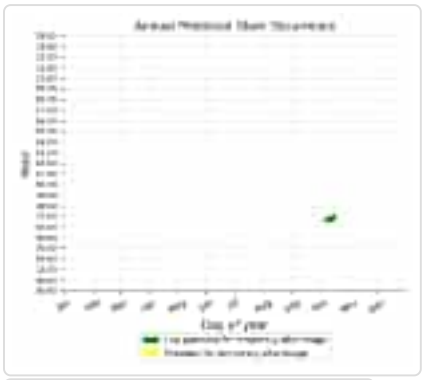


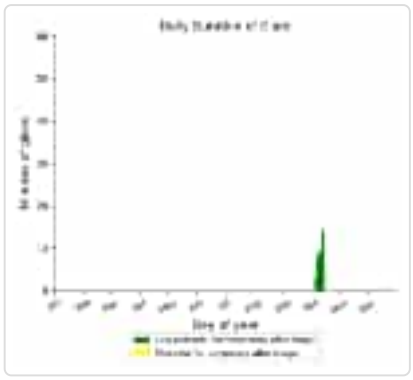


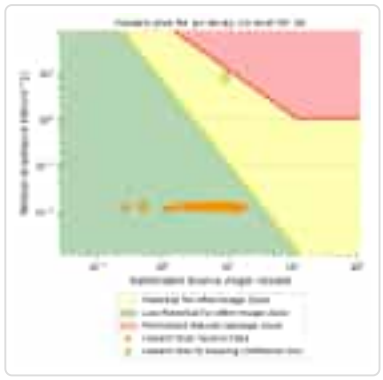
PV array 10: OP 38

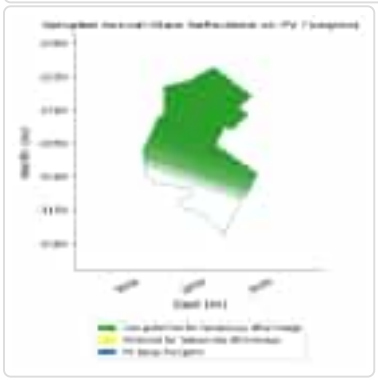
PV array is expected to produce the following glare for this receptor:

- 104 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





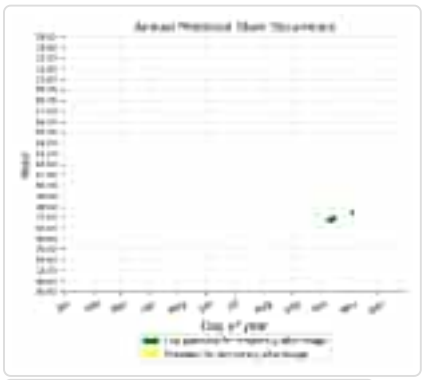


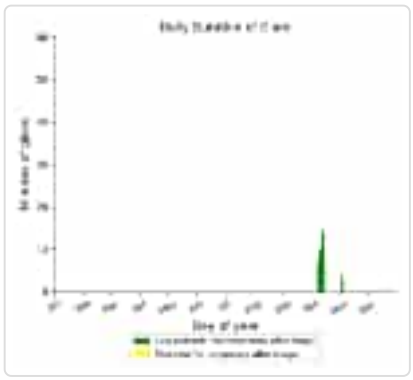


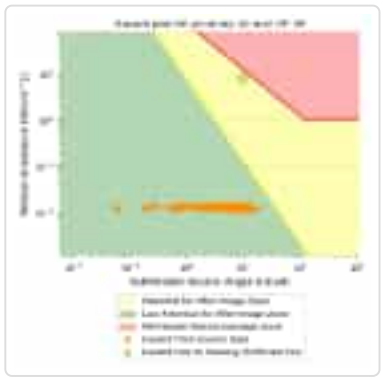
PV array 10: OP 39

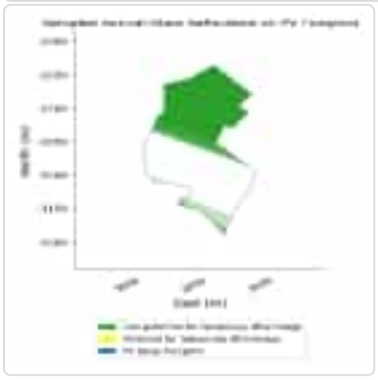
PV array is expected to produce the following glare for this receptor:

- 95 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





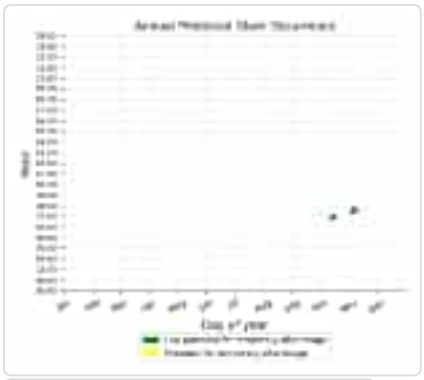


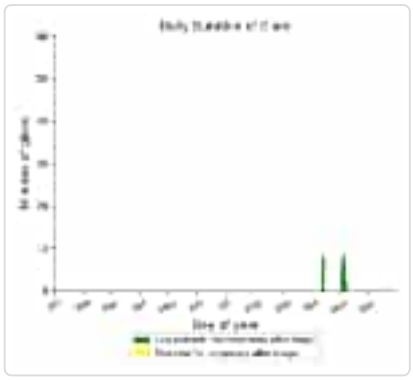


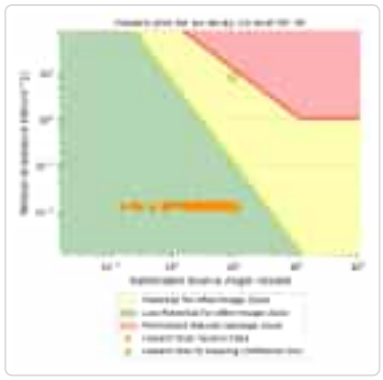
PV array 10: OP 40

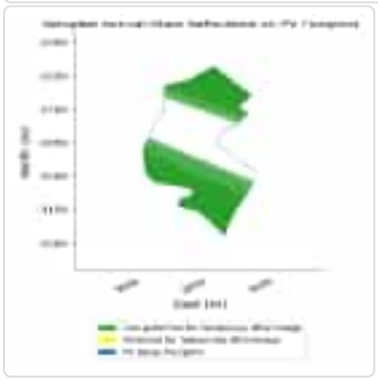
PV array is expected to produce the following glare for this receptor:

- 73 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





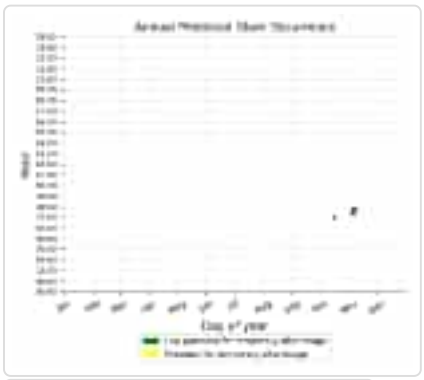


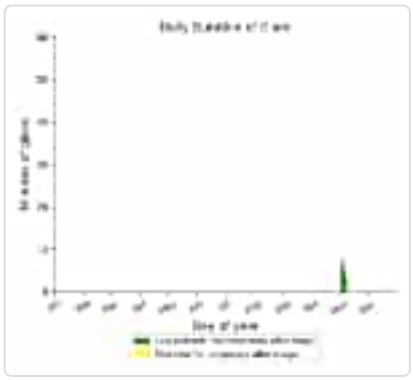


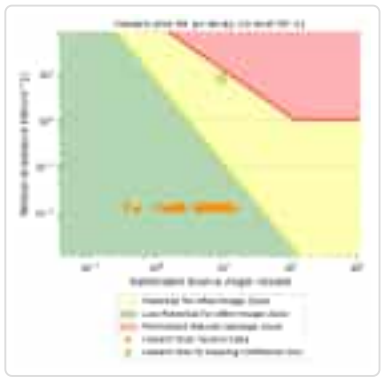
PV array 10: OP 41

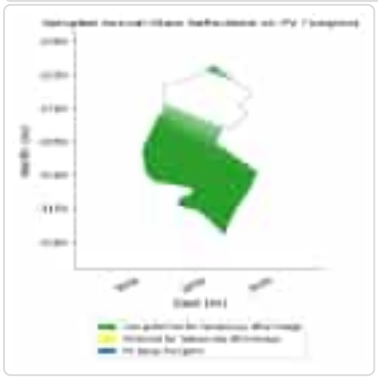
PV array is expected to produce the following glare for this receptor:

- 43 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





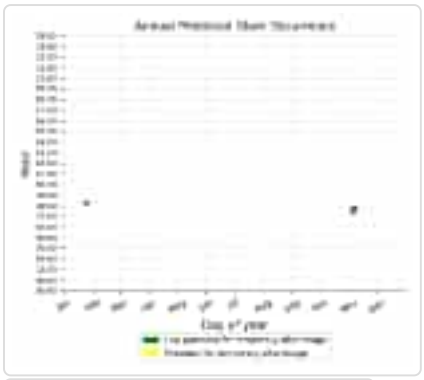


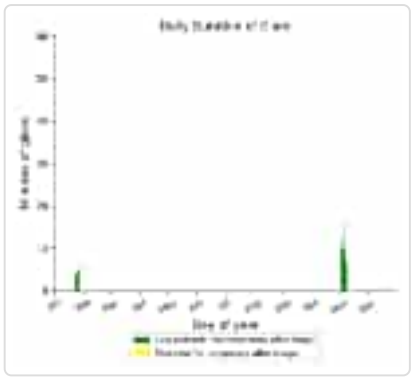


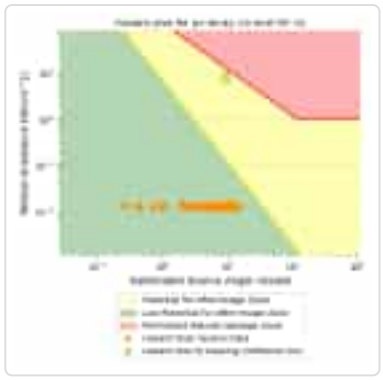
PV array 10: OP 42

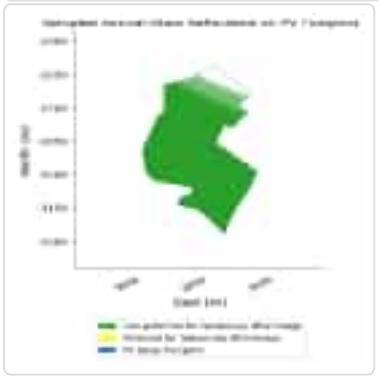
PV array is expected to produce the following glare for this receptor:

- 76 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





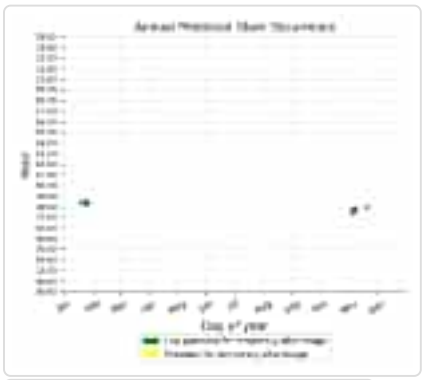


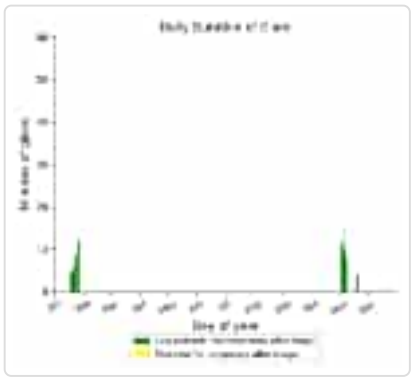


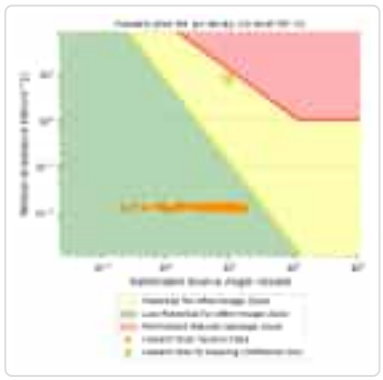
PV array 10: OP 43

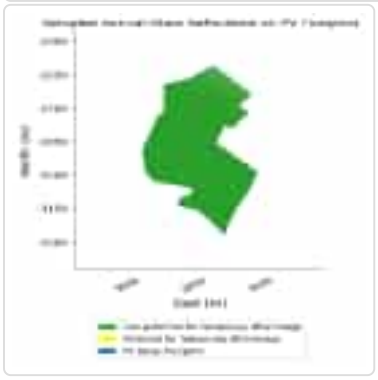
PV array is expected to produce the following glare for this receptor:

- 128 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





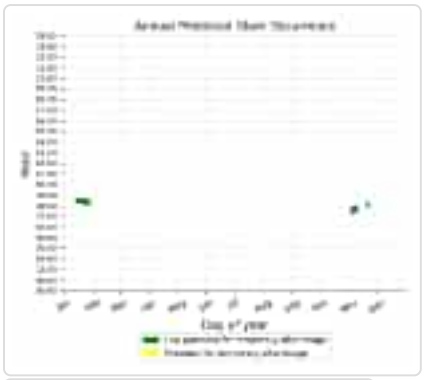


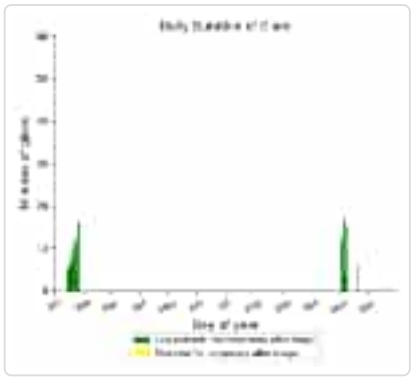


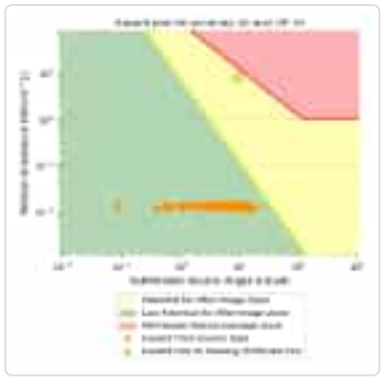
PV array 10: OP 44

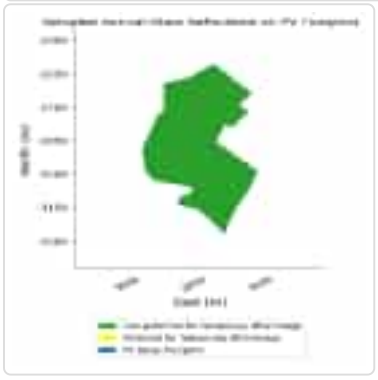
PV array is expected to produce the following glare for this receptor:

- 200 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





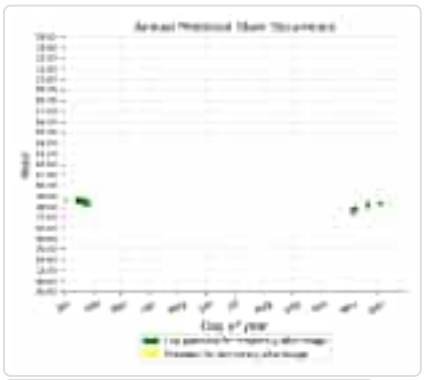


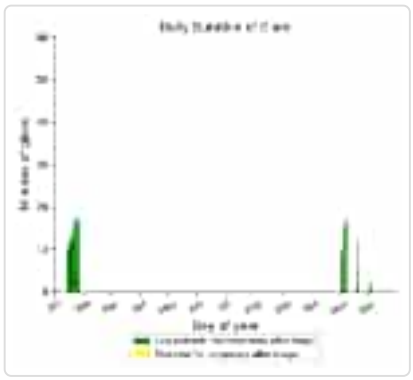


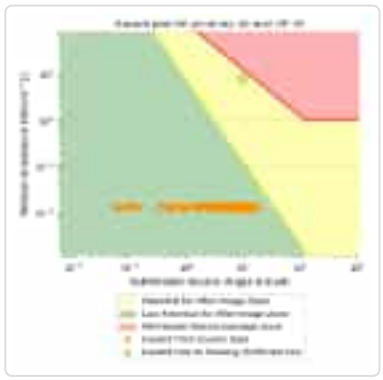
PV array 10: OP 45

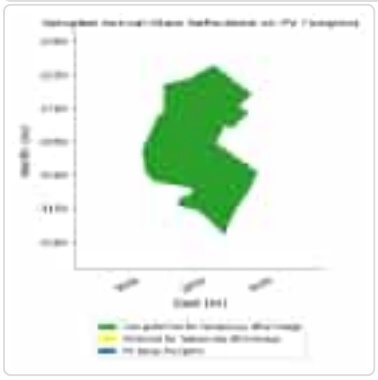
PV array is expected to produce the following glare for this receptor:

- 270 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





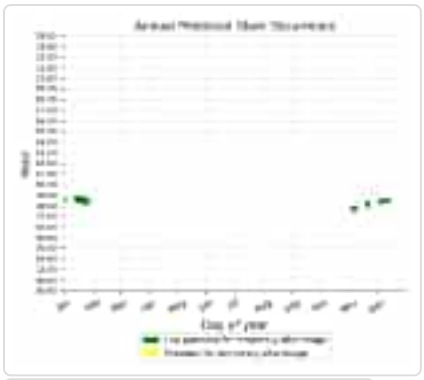


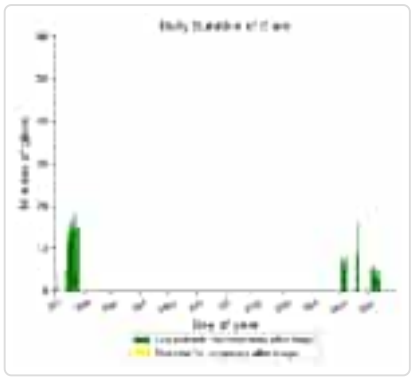


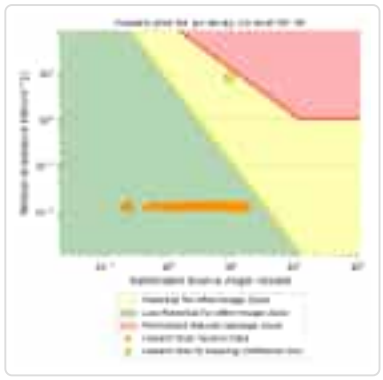
PV array 10: OP 46

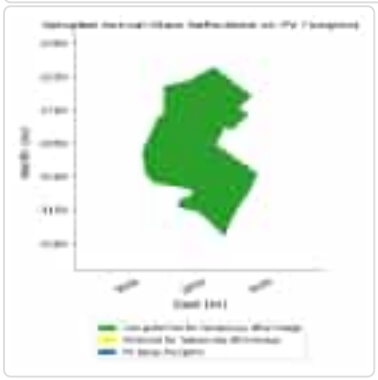
PV array is expected to produce the following glare for this receptor:

- 320 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





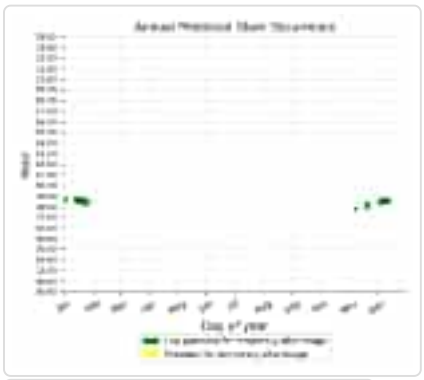


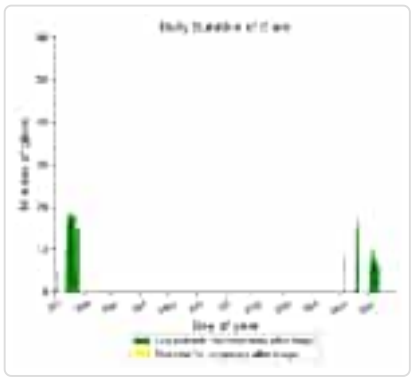


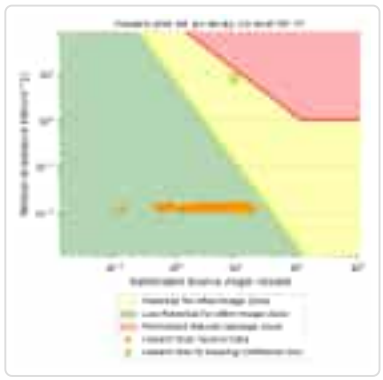
PV array 10: OP 47

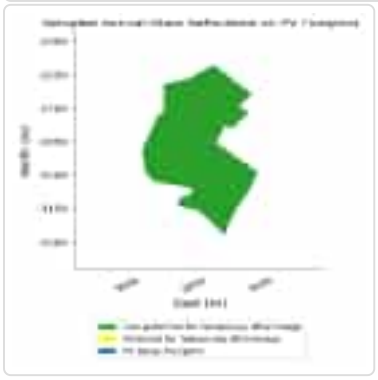
PV array is expected to produce the following glare for this receptor:

- 369 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





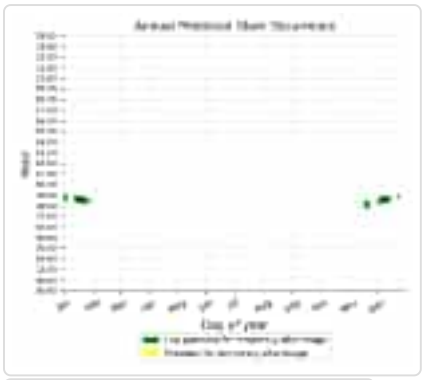


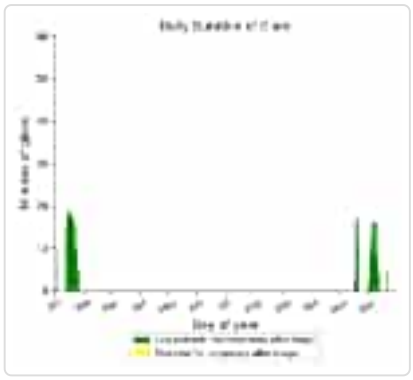


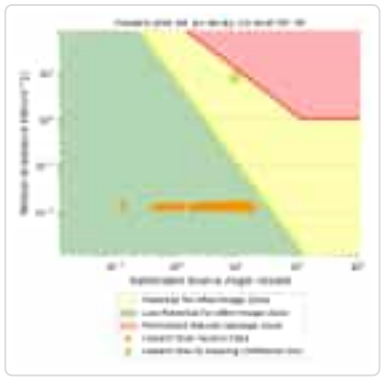
PV array 10: OP 48

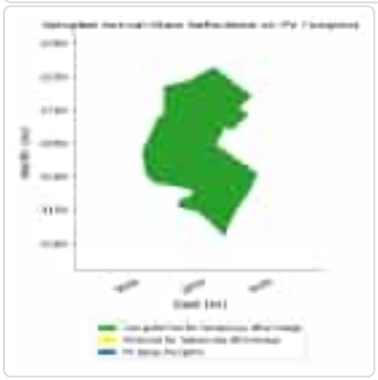
PV array is expected to produce the following glare for this receptor:

- 442 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





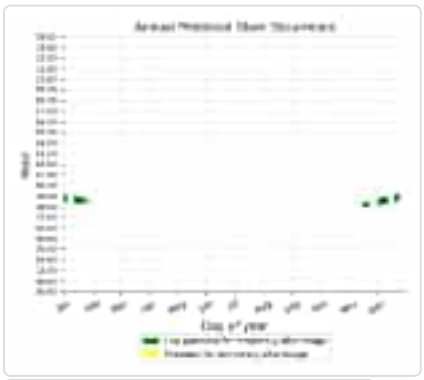


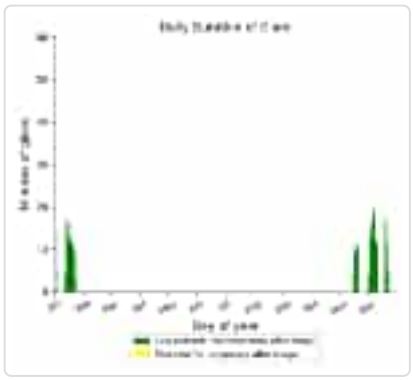


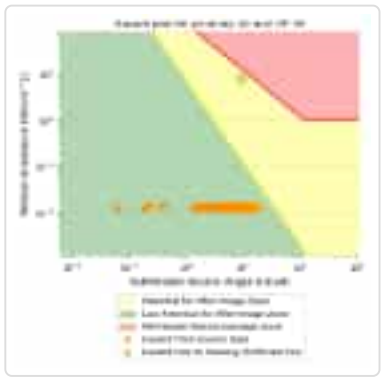
PV array 10: OP 49

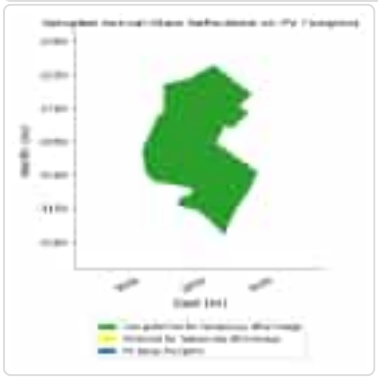
PV array is expected to produce the following glare for this receptor:

- 422 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





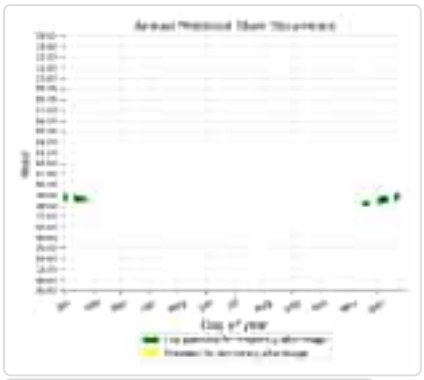


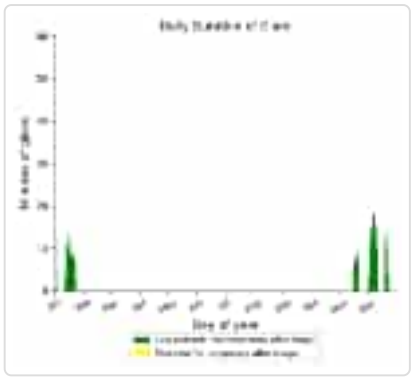


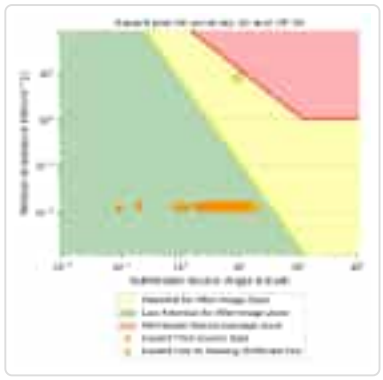
PV array 10: OP 50

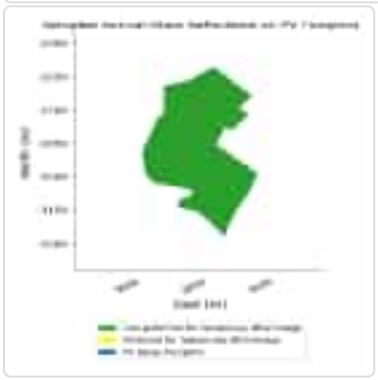
PV array is expected to produce the following glare for this receptor:

- 355 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





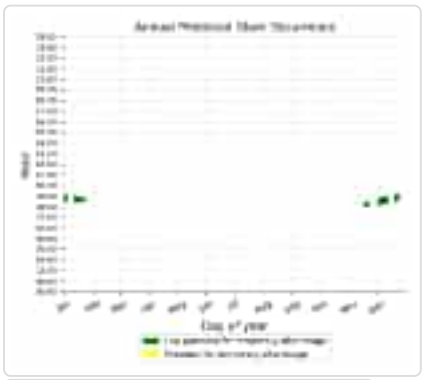


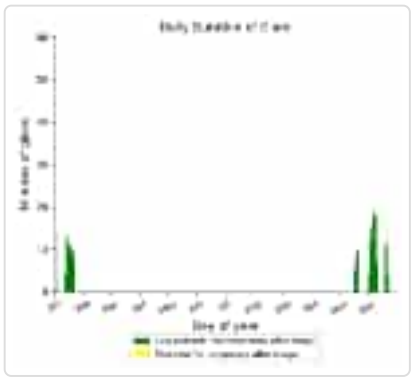


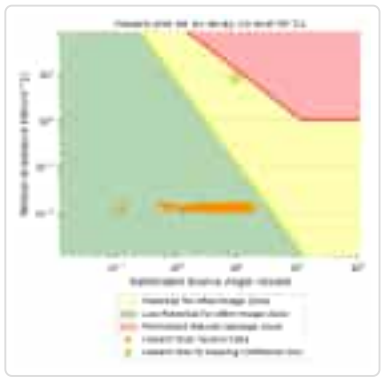
PV array 10: OP 51

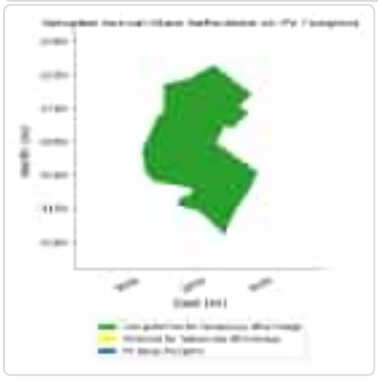
PV array is expected to produce the following glare for this receptor:

- 358 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





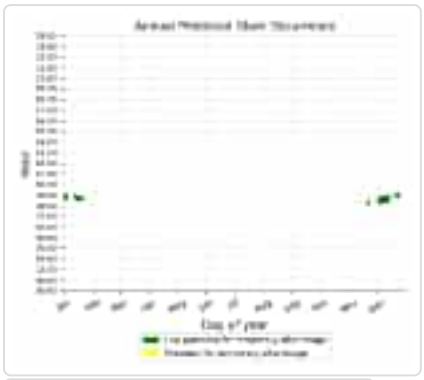


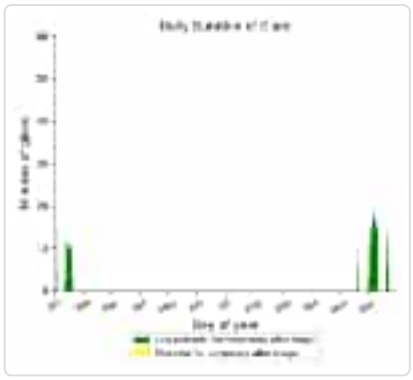


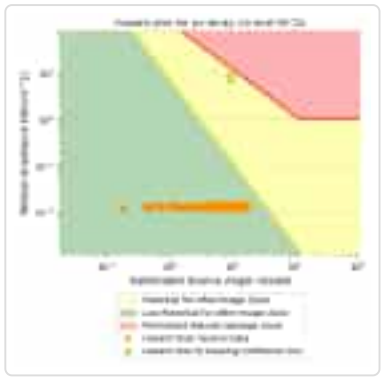
PV array 10: OP 52

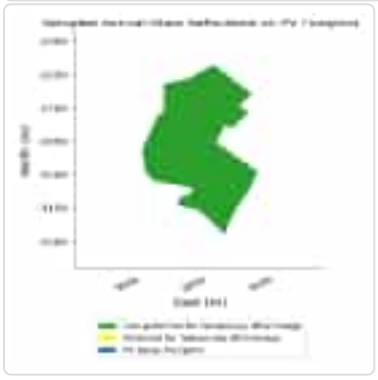
PV array is expected to produce the following glare for this receptor:

- 308 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





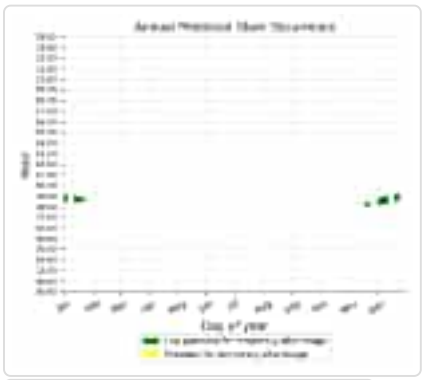


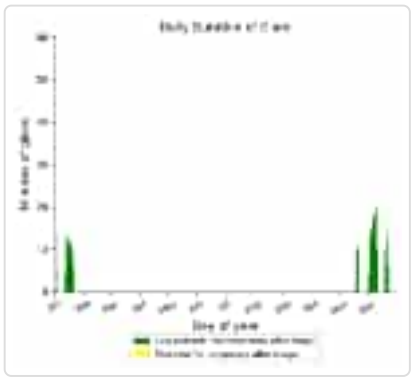


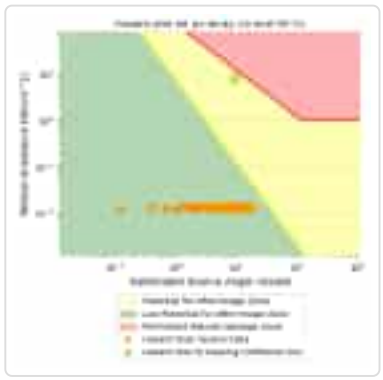
PV array 10: OP 53

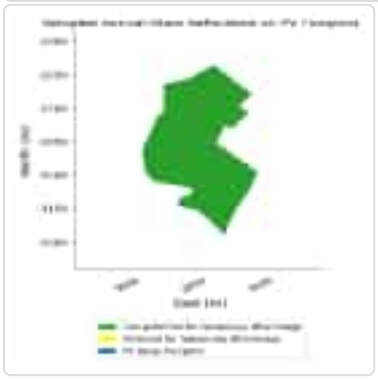
PV array is expected to produce the following glare for this receptor:

- 355 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





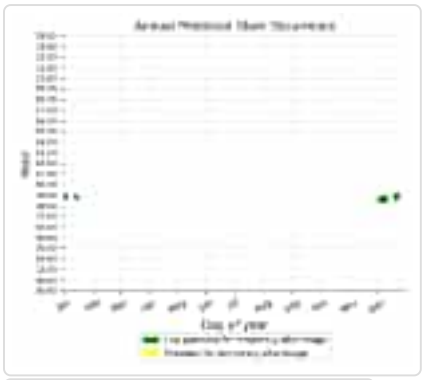


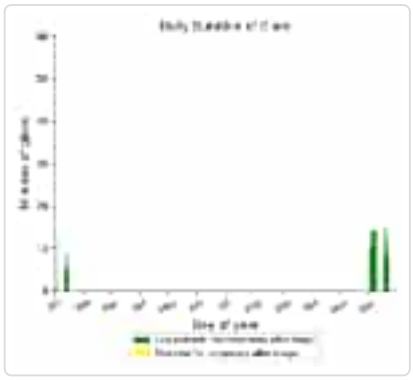


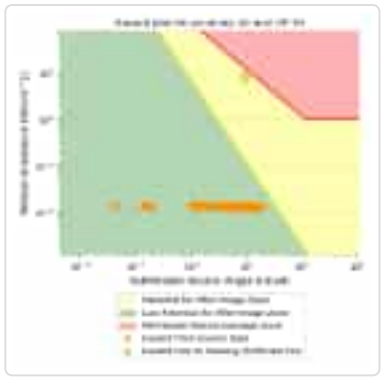
PV array 10: OP 54

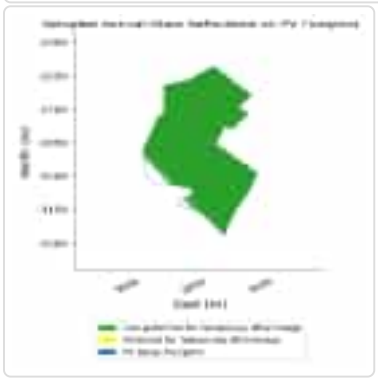
PV array is expected to produce the following glare for this receptor:

- 203 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





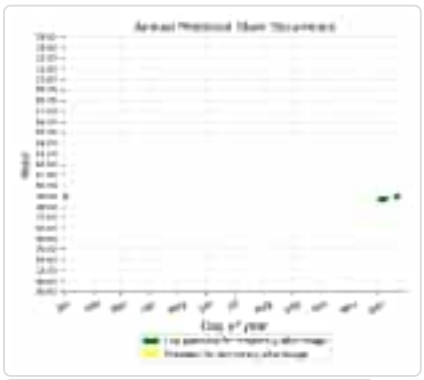


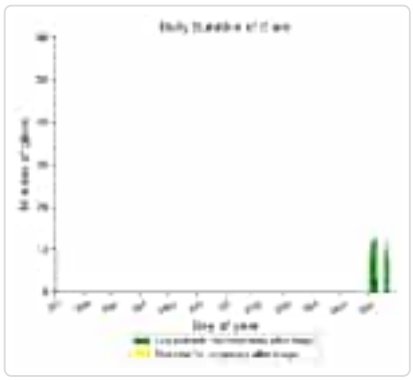


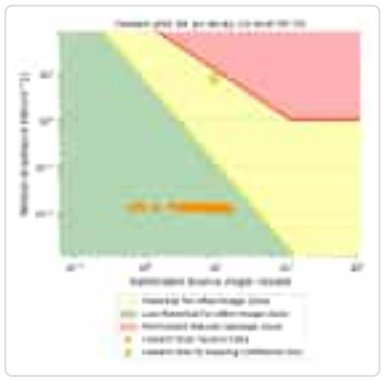
PV array 10: OP 55

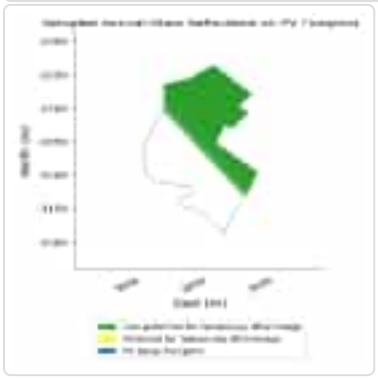
PV array is expected to produce the following glare for this receptor:

- 139 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





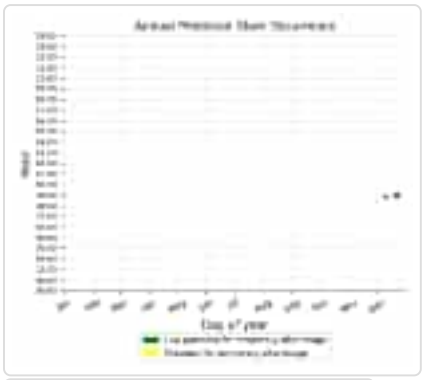


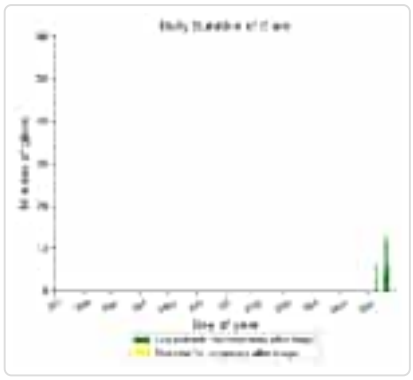


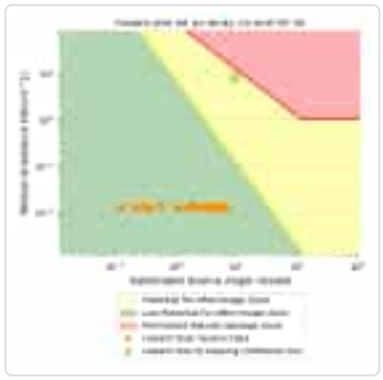
PV array 10: OP 56

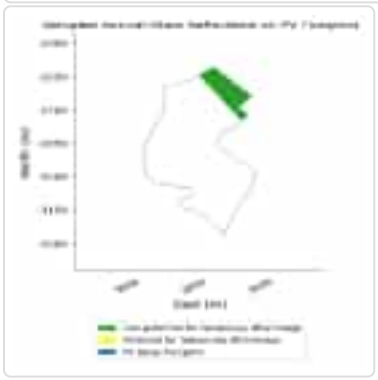
PV array is expected to produce the following glare for this receptor:

- 58 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









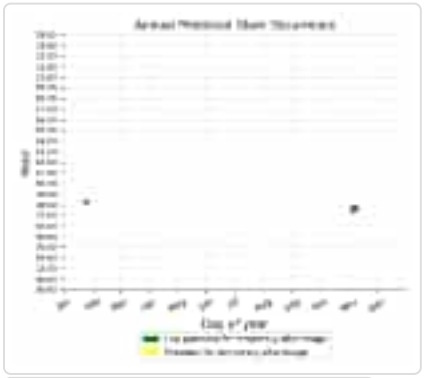
PV array 10: OP 57

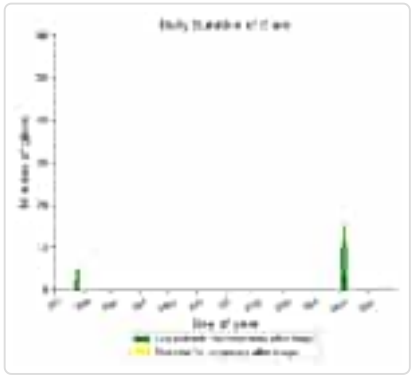
No glare found

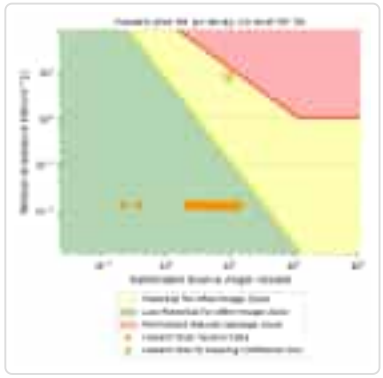
PV array 10: OP 58

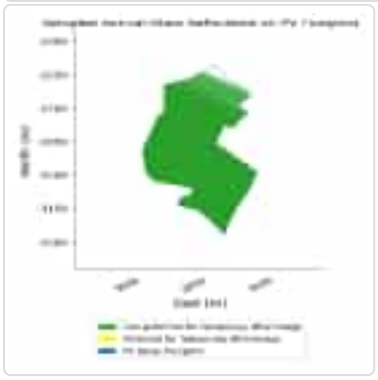
PV array is expected to produce the following glare for this receptor:

- 85 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





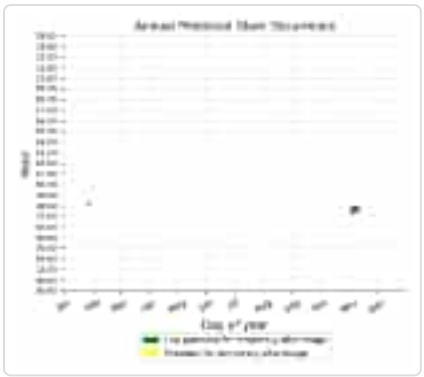


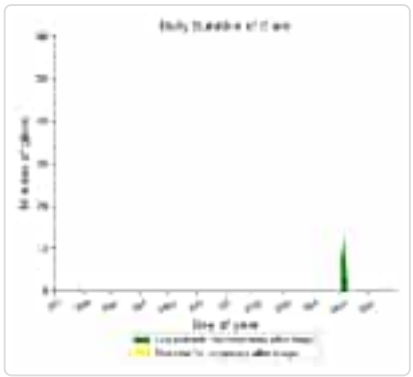


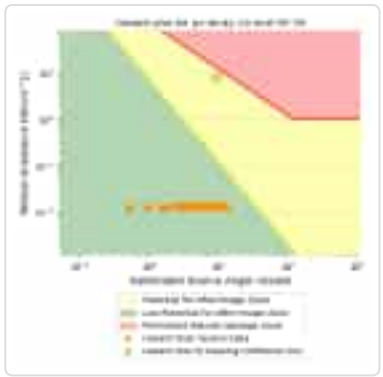
PV array 10: OP 59

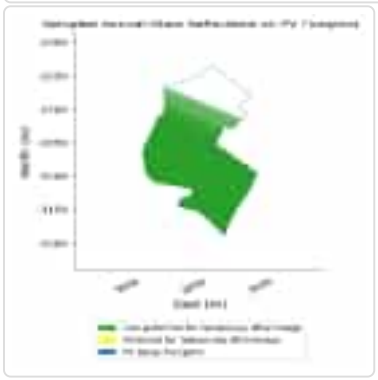
PV array is expected to produce the following glare for this receptor:

- 60 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 60

No glare found

PV array 10: OP 61

No glare found

PV array 10: OP 62

No glare found

PV array 10: OP 63

No glare found

PV array 10: OP 64

No glare found

PV array 10: OP 65

No glare found

PV array 10: OP 66

No glare found

PV array 10: OP 67

No glare found

PV array 10: OP 68

No glare found

PV array 10: OP 69

No glare found

PV array 10: OP 70

No glare found

PV array 10: OP 71

No glare found

PV array 10: OP 72

No glare found

PV array 10: OP 73

No glare found

PV array 10: OP 74

No glare found

PV array 10: OP 75

No glare found

PV array 10: OP 76

No glare found

PV array 10: OP 77

No glare found

PV array 10: OP 78

No glare found

PV array 10: OP 79

No glare found

PV array 10: OP 80

No glare found

PV array 11 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 12 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	38	0
OP: OP 5	56	0
OP: OP 6	58	0
OP: OP 7	97	0
OP: OP 8	199	0
OP: OP 9	223	0
OP: OP 10	200	0
OP: OP 11	137	0
OP: OP 12	119	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0

OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	24	0
OP: OP 34	32	0
OP: OP 35	41	0
OP: OP 36	47	0
OP: OP 37	37	0
OP: OP 38	31	0
OP: OP 39	49	0
OP: OP 40	60	0
OP: OP 41	69	0
OP: OP 42	74	0
OP: OP 43	78	0
OP: OP 44	95	0
OP: OP 45	121	0
OP: OP 46	157	0
OP: OP 47	182	0
OP: OP 48	187	0
OP: OP 49	168	0
OP: OP 50	140	0
OP: OP 51	172	0
OP: OP 52	165	0
OP: OP 53	167	0
OP: OP 54	37	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	66	0
OP: OP 59	59	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0

OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

PV array 12: OP 1

No glare found

PV array 12: OP 2

No glare found

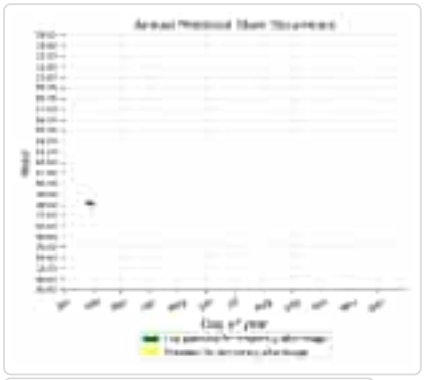
PV array 12: OP 3

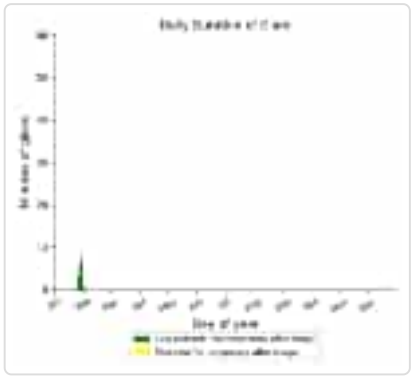
No glare found

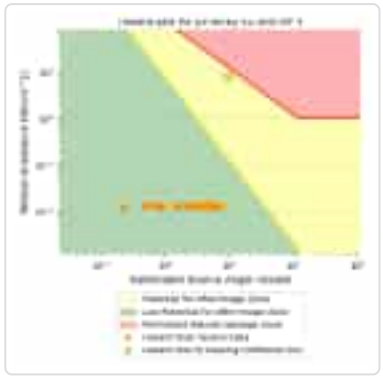
PV array 12: OP 4

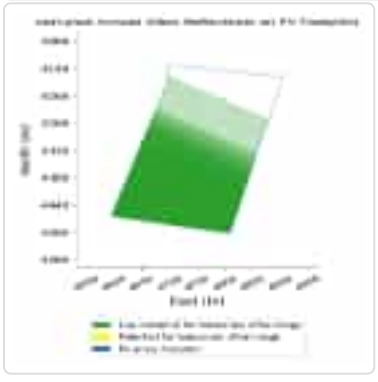
PV array is expected to produce the following glare for this receptor:

- 38 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





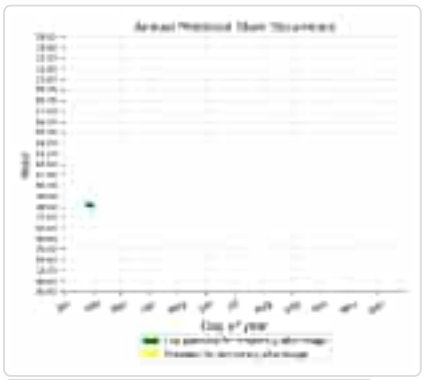


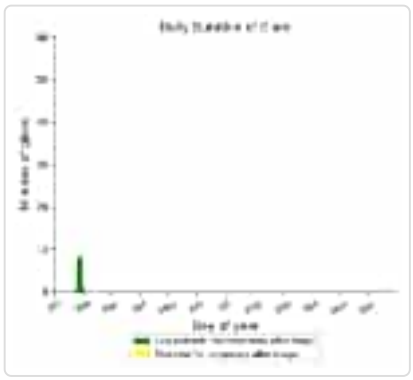


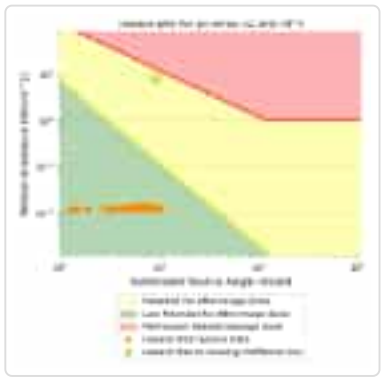
PV array 12: OP 5

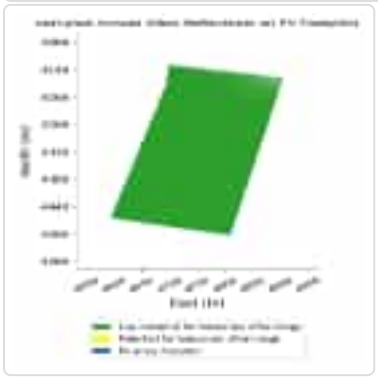
PV array is expected to produce the following glare for this receptor:

- 56 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





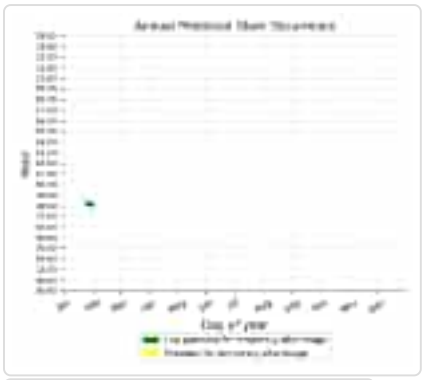


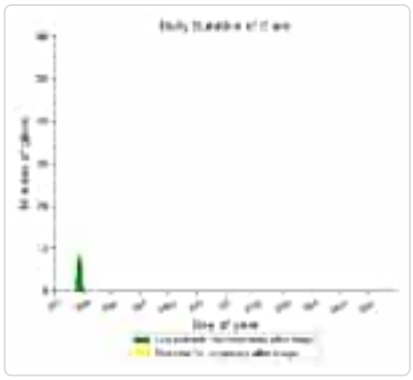


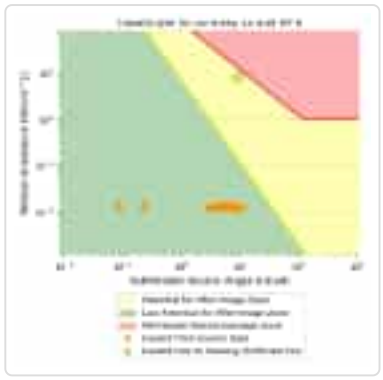
PV array 12: OP 6

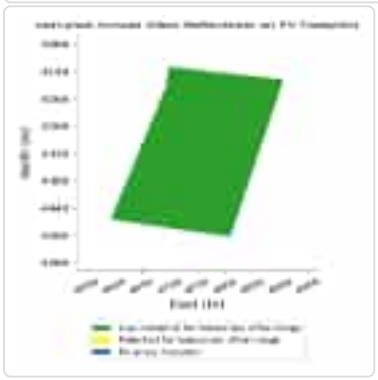
PV array is expected to produce the following glare for this receptor:

- 58 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





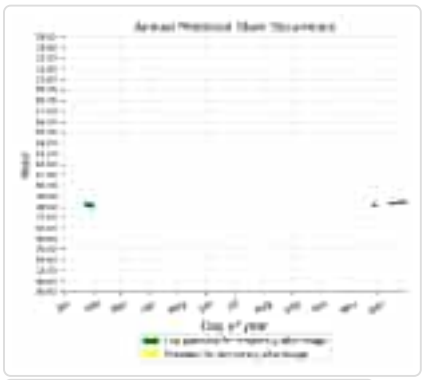


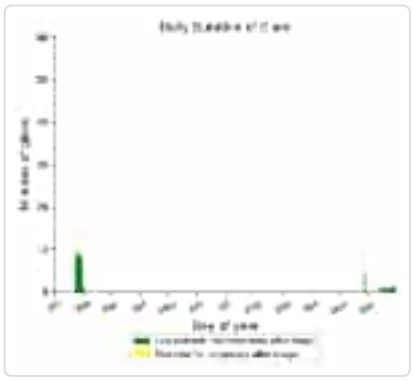


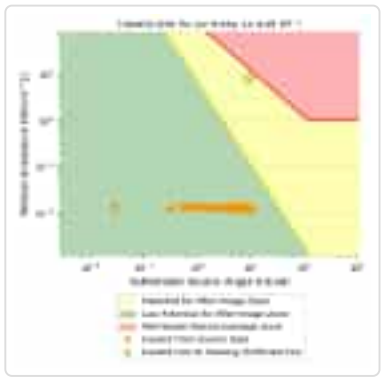
PV array 12: OP 7

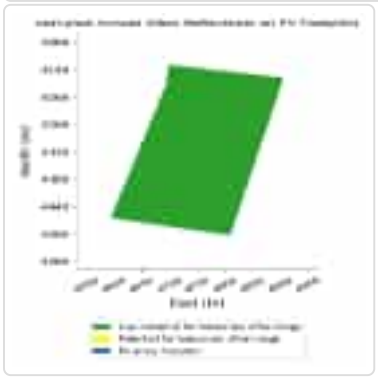
PV array is expected to produce the following glare for this receptor:

- 97 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





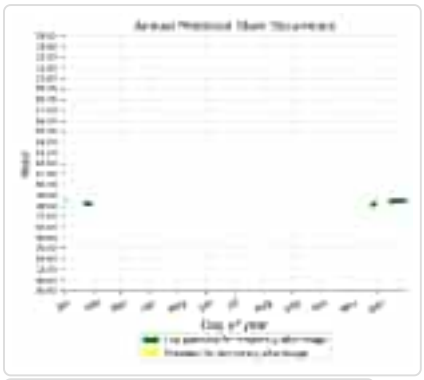


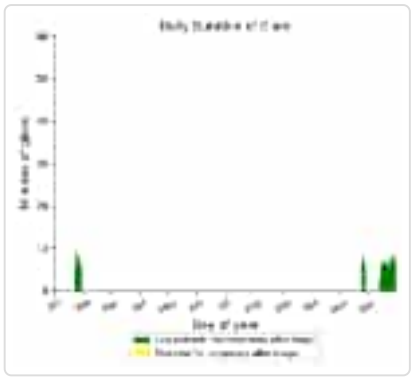


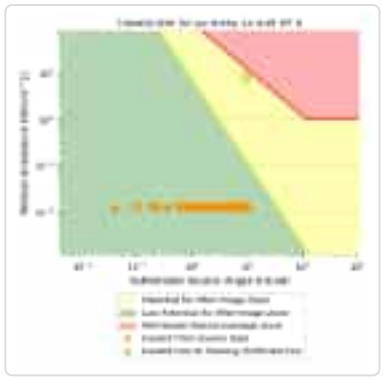
PV array 12: OP 8

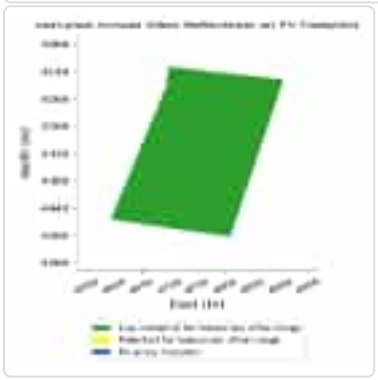
PV array is expected to produce the following glare for this receptor:

- 199 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





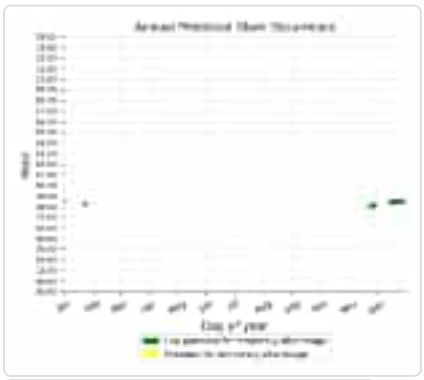


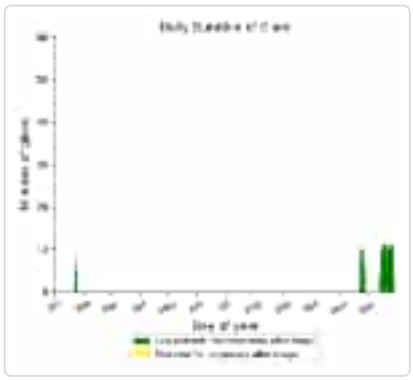


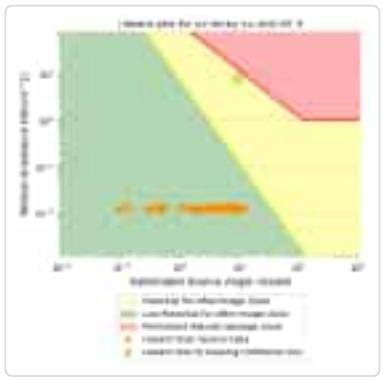
PV array 12: OP 9

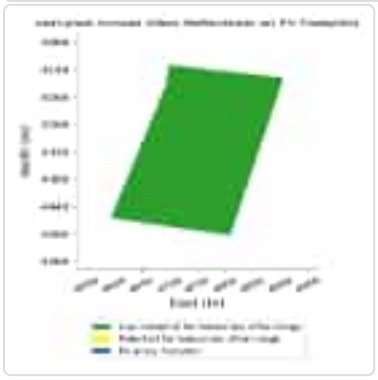
PV array is expected to produce the following glare for this receptor:

- 223 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





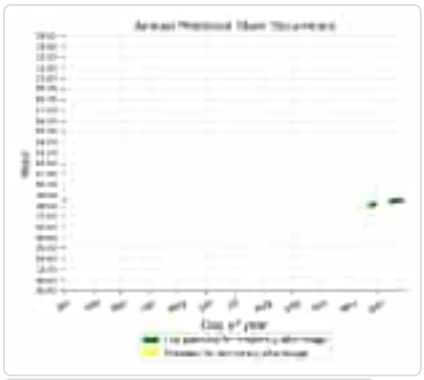


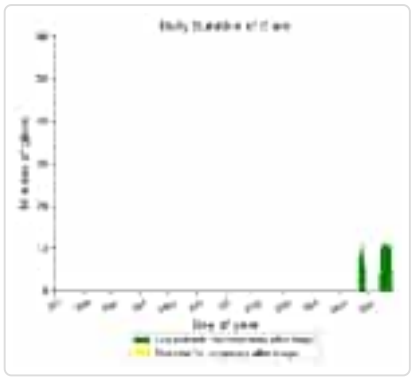


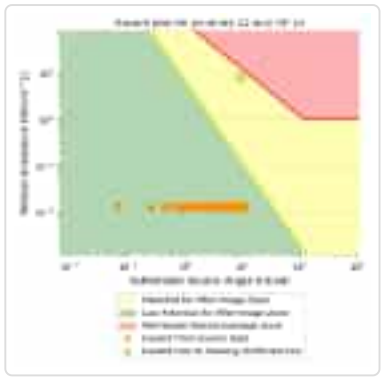
PV array 12: OP 10

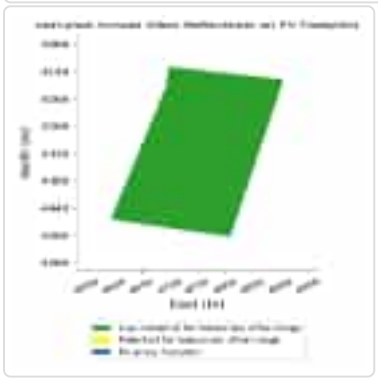
PV array is expected to produce the following glare for this receptor:

- 200 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





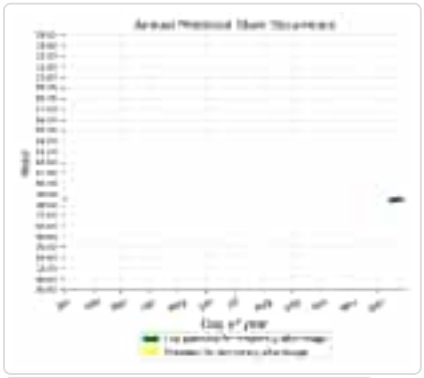


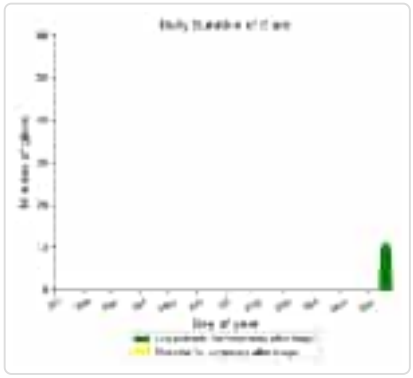


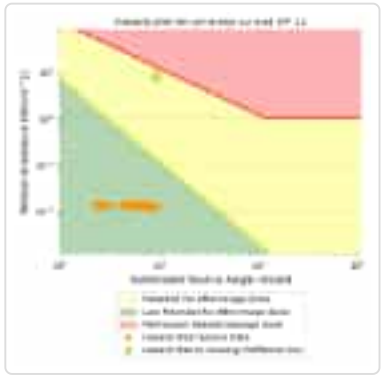
PV array 12: OP 11

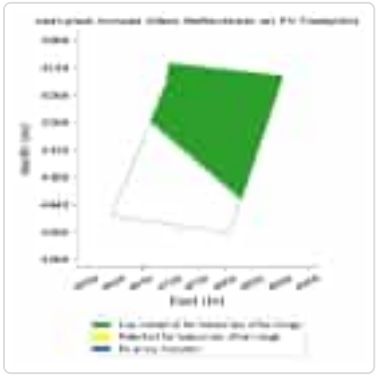
PV array is expected to produce the following glare for this receptor:

- 137 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





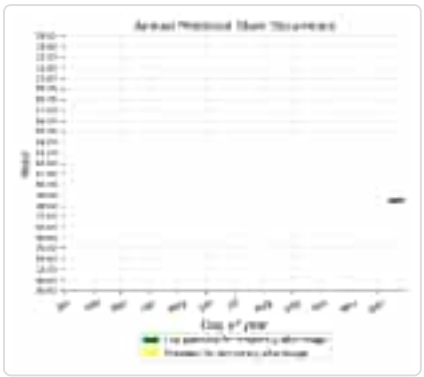


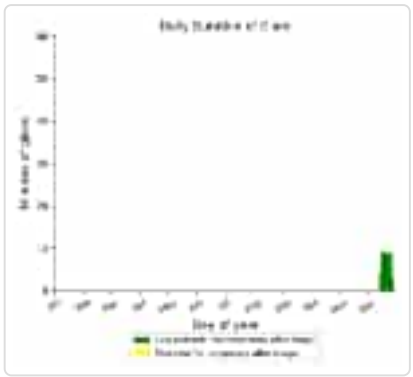


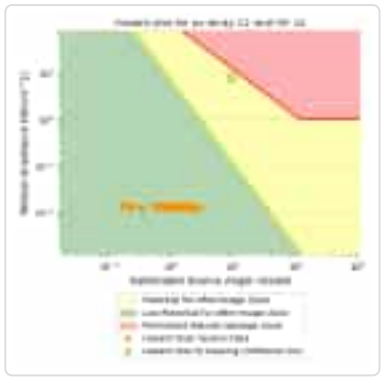
PV array 12: OP 12

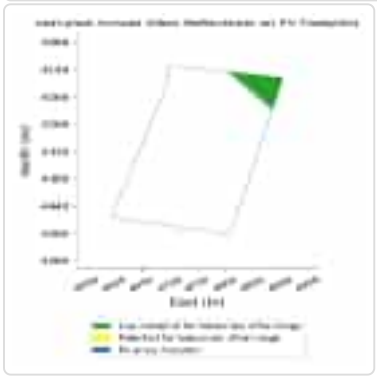
PV array is expected to produce the following glare for this receptor:

- 119 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12: OP 13

No glare found

PV array 12: OP 14

No glare found

PV array 12: OP 15

No glare found

PV array 12: OP 16

No glare found

PV array 12: OP 17

No glare found

PV array 12: OP 18

No glare found

PV array 12: OP 19

No glare found

PV array 12: OP 20

No glare found

PV array 12: OP 21

No glare found

PV array 12: OP 22

No glare found

PV array 12: OP 23

No glare found

PV array 12: OP 24

No glare found

PV array 12: OP 25

No glare found

PV array 12: OP 26

No glare found

PV array 12: OP 27

No glare found

PV array 12: OP 28

No glare found

PV array 12: OP 29

No glare found

PV array 12: OP 30

No glare found

PV array 12: OP 31

No glare found

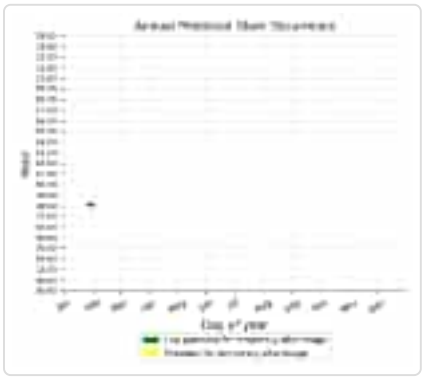
PV array 12: OP 32

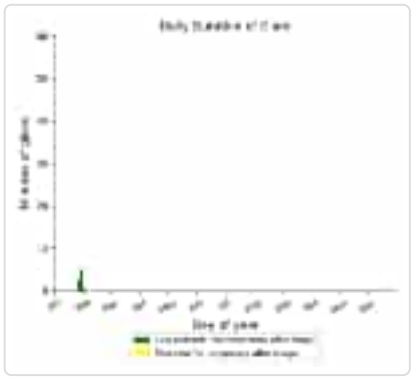
No glare found

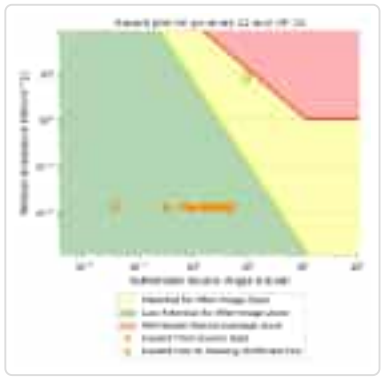
PV array 12: OP 33

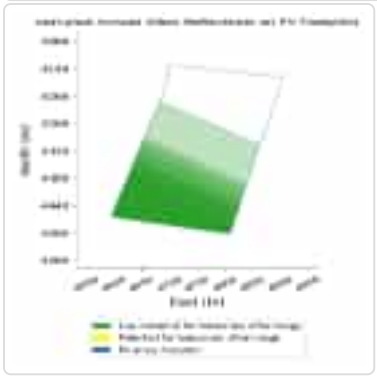
PV array is expected to produce the following glare for this receptor:

- 24 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





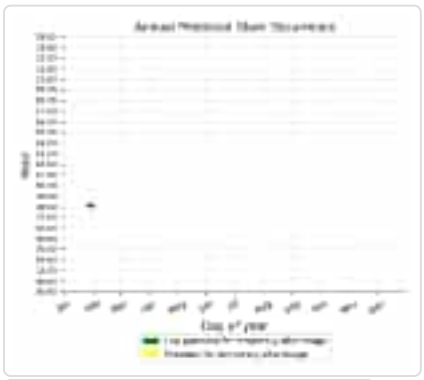


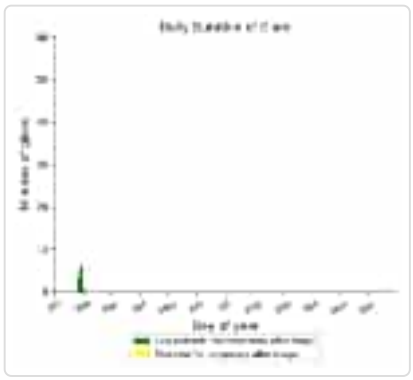


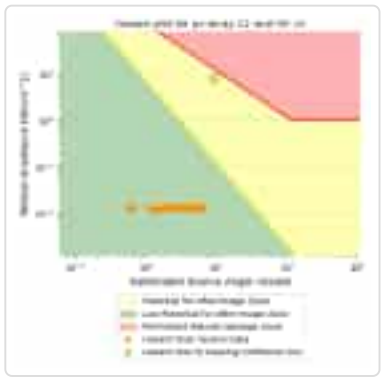
PV array 12: OP 34

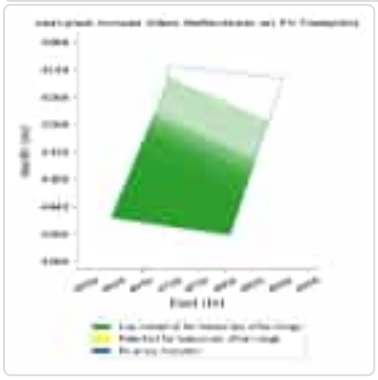
PV array is expected to produce the following glare for this receptor:

- 32 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





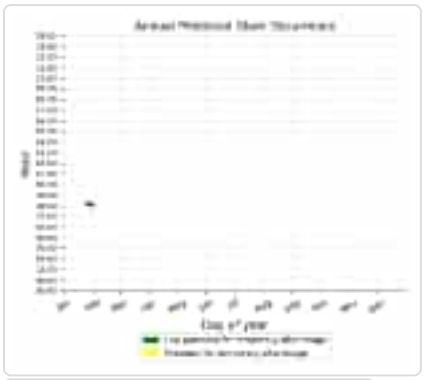


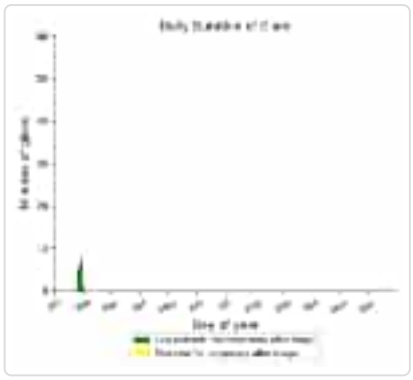


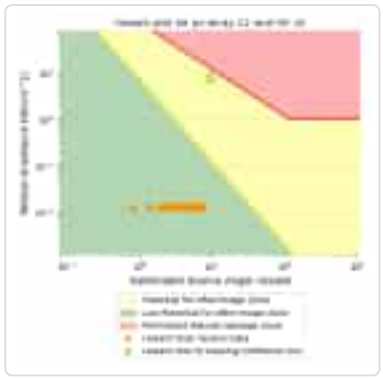
PV array 12: OP 35

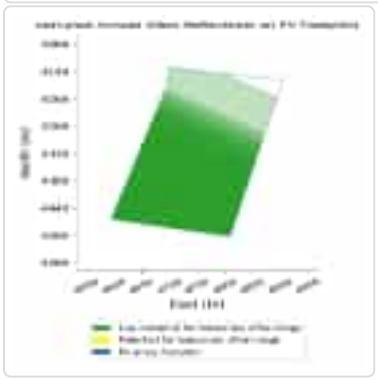
PV array is expected to produce the following glare for this receptor:

- 41 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





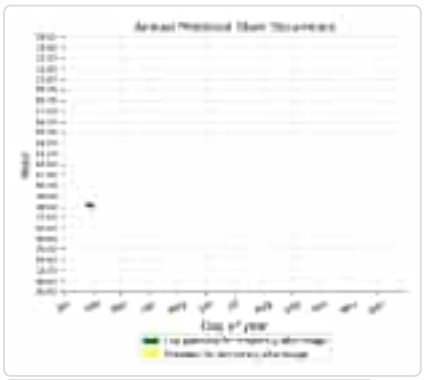


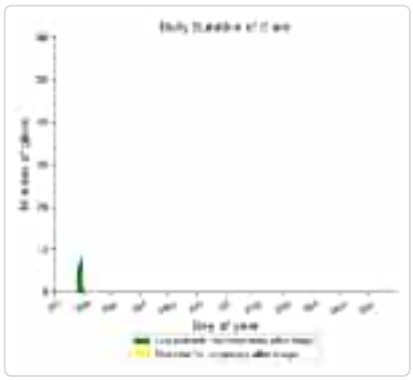


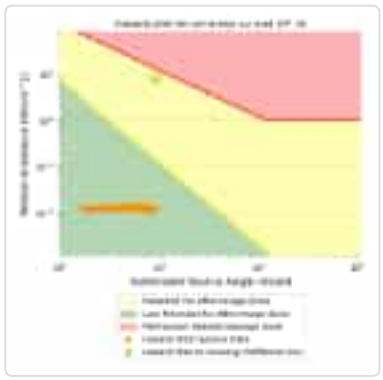
PV array 12: OP 36

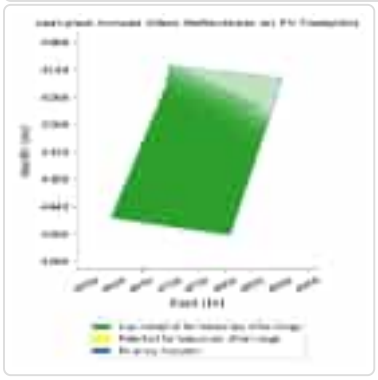
PV array is expected to produce the following glare for this receptor:

- 47 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





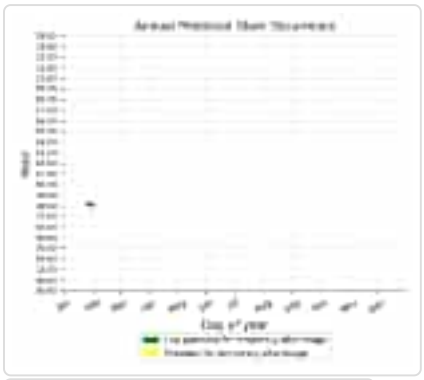


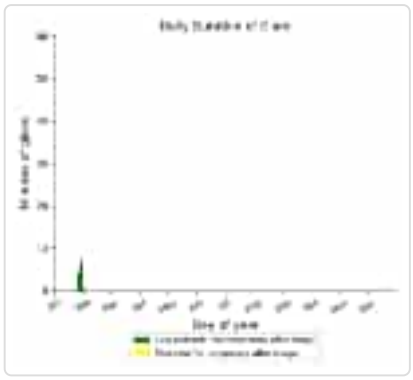


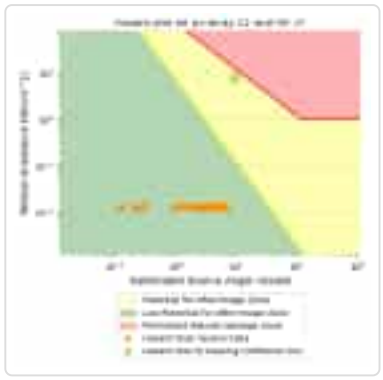
PV array 12: OP 37

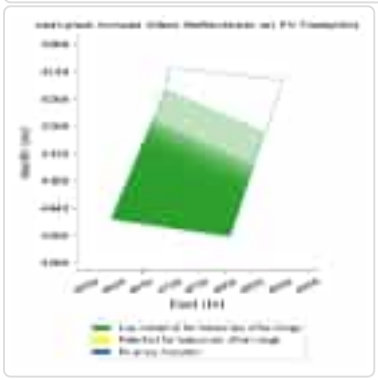
PV array is expected to produce the following glare for this receptor:

- 37 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





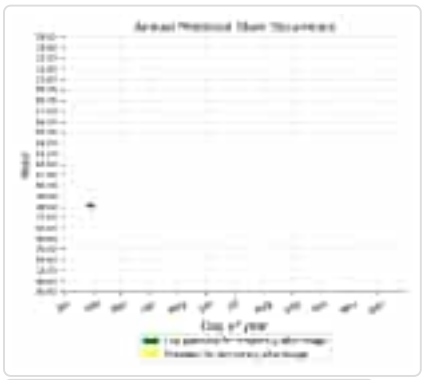


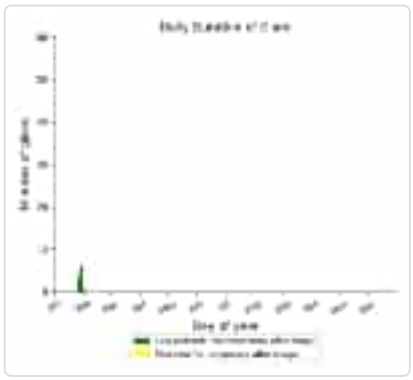


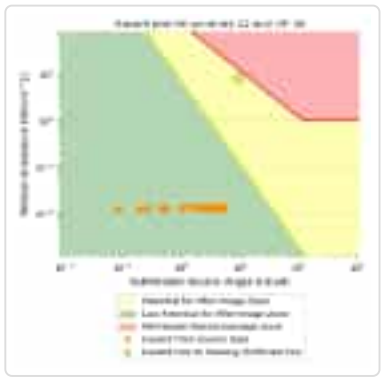
PV array 12: OP 38

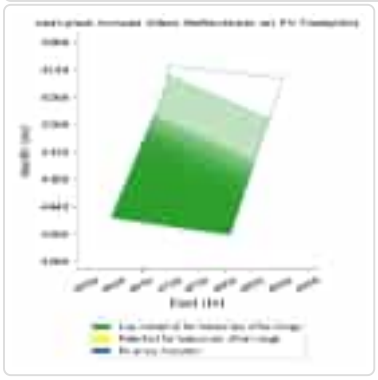
PV array is expected to produce the following glare for this receptor:

- 31 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





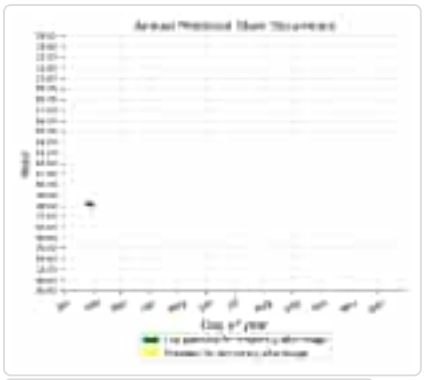


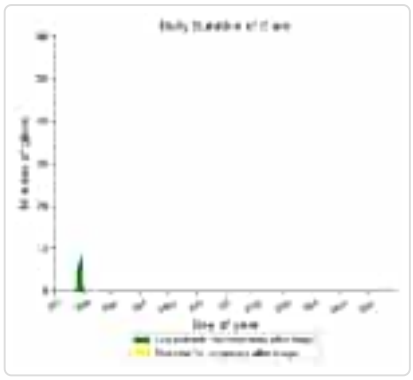


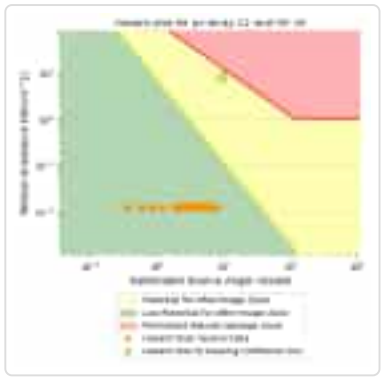
PV array 12: OP 39

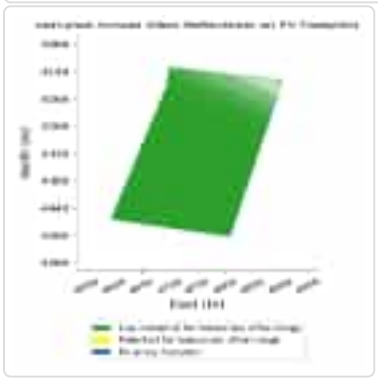
PV array is expected to produce the following glare for this receptor:

- 49 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





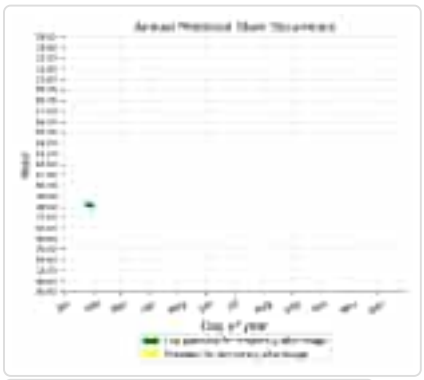


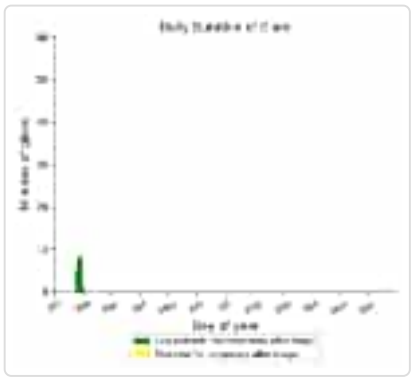


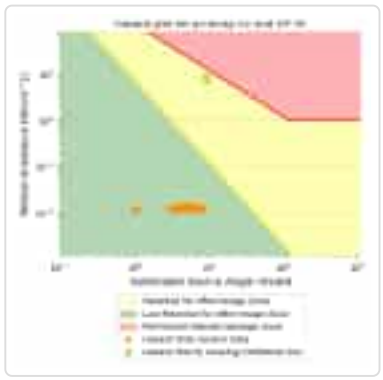
PV array 12: OP 40

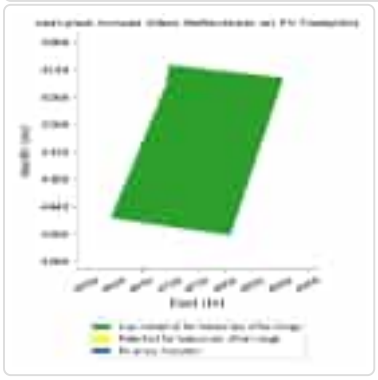
PV array is expected to produce the following glare for this receptor:

- 60 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





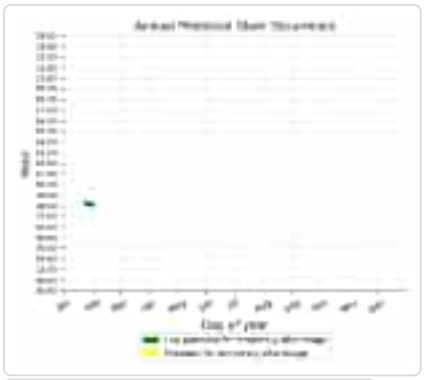


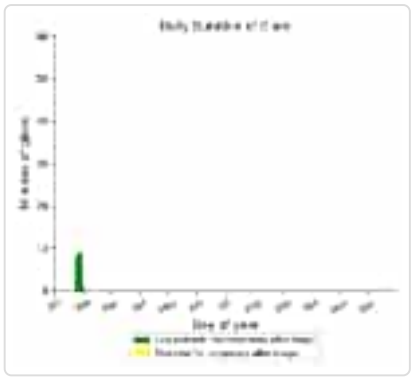


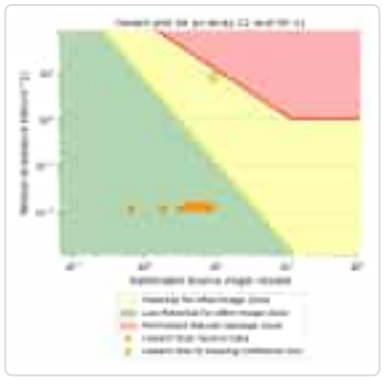
PV array 12: OP 41

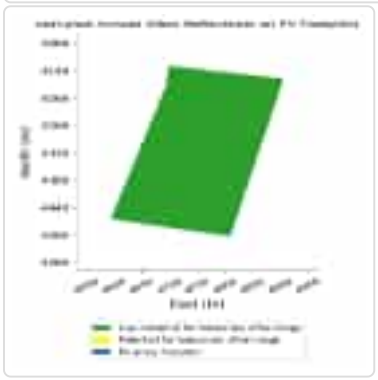
PV array is expected to produce the following glare for this receptor:

- 69 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





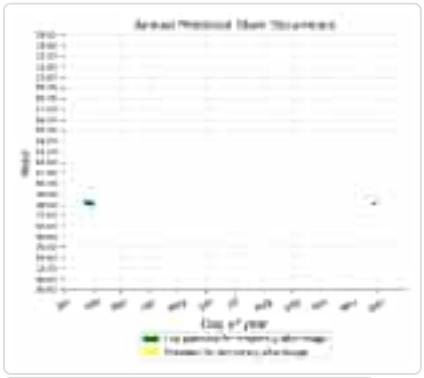


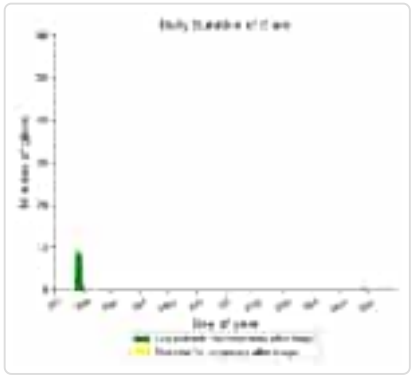


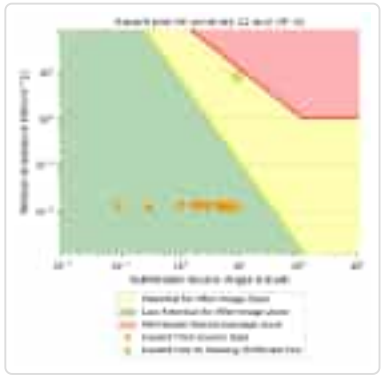
PV array 12: OP 42

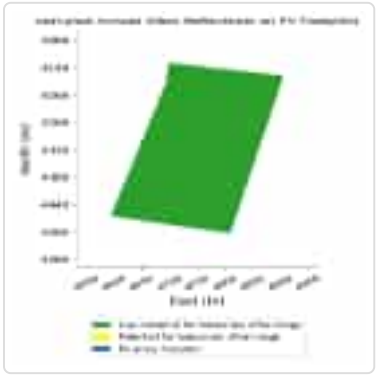
PV array is expected to produce the following glare for this receptor:

- 74 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





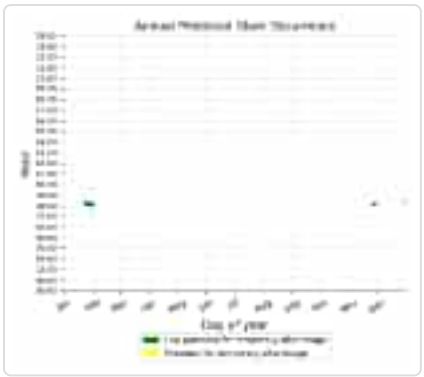


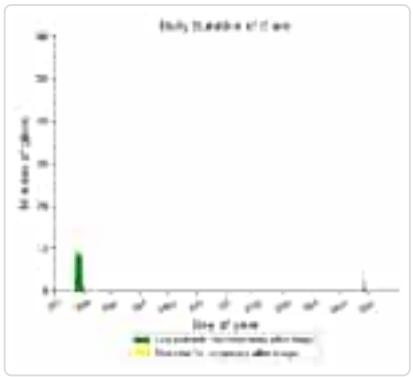


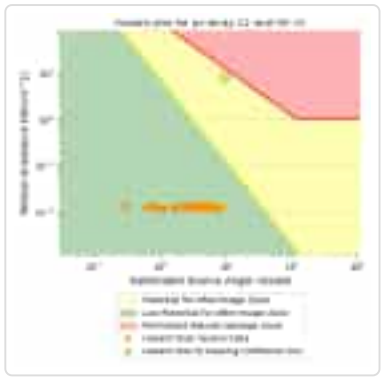
PV array 12: OP 43

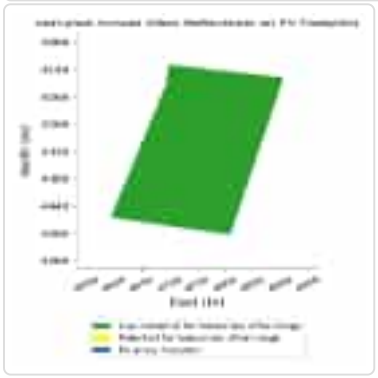
PV array is expected to produce the following glare for this receptor:

- 78 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





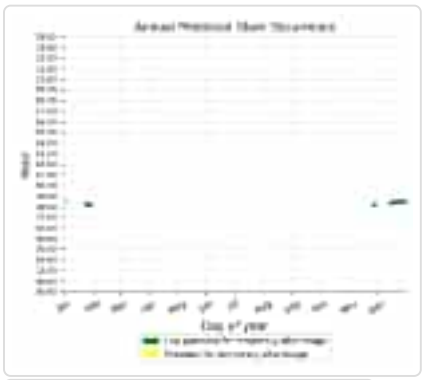


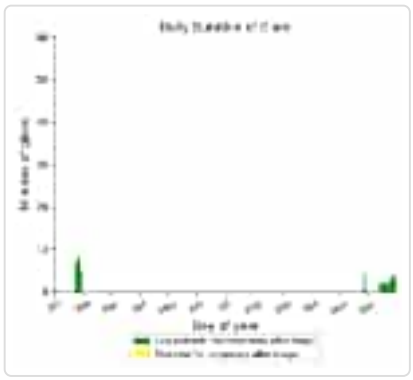


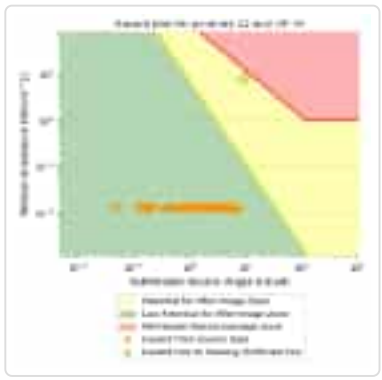
PV array 12: OP 44

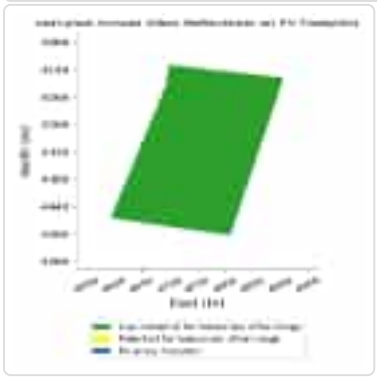
PV array is expected to produce the following glare for this receptor:

- 95 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





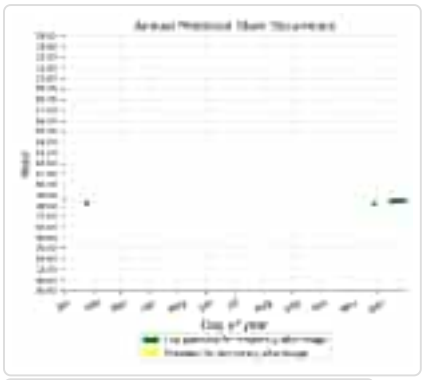


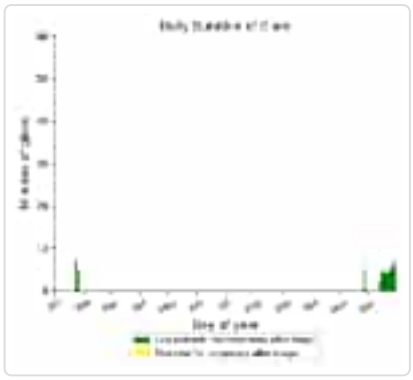


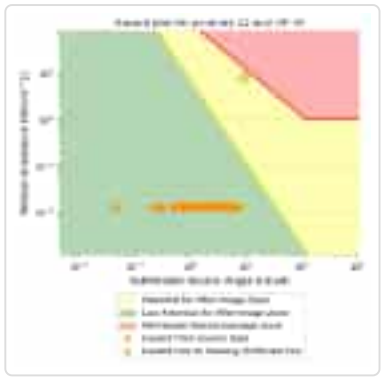
PV array 12: OP 45

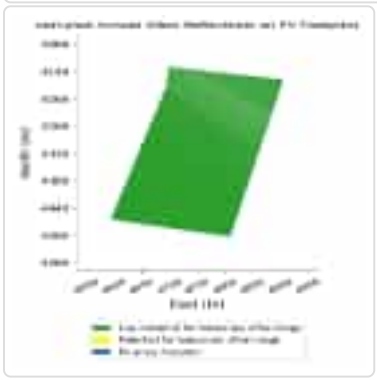
PV array is expected to produce the following glare for this receptor:

- 121 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





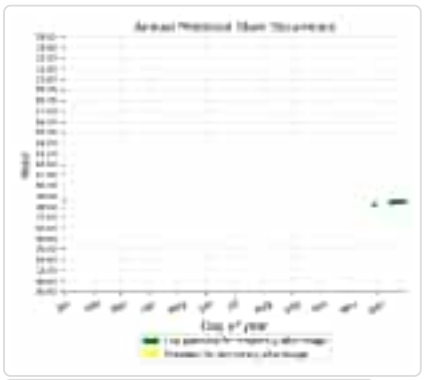


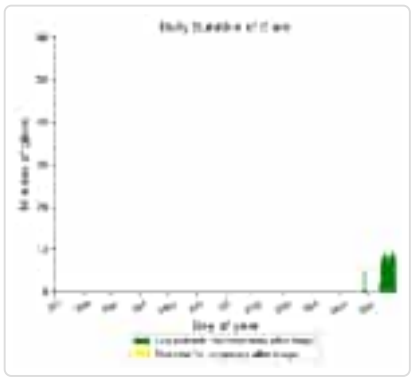


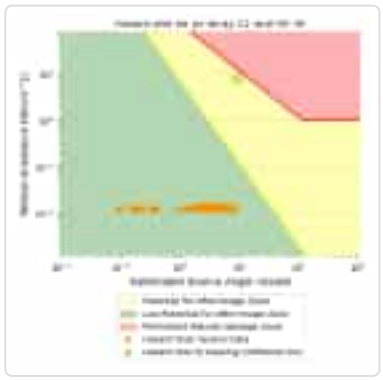
PV array 12: OP 46

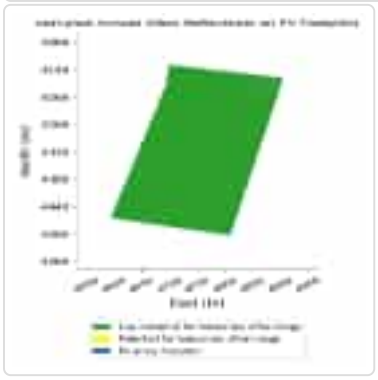
PV array is expected to produce the following glare for this receptor:

- 157 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





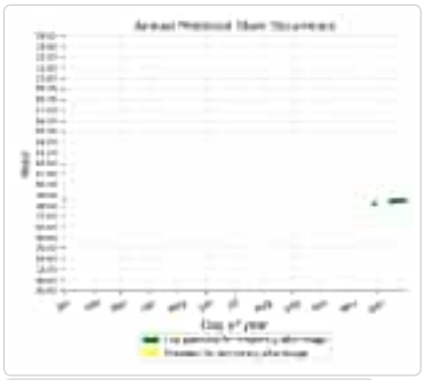


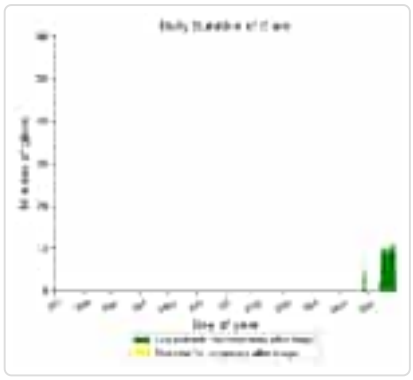


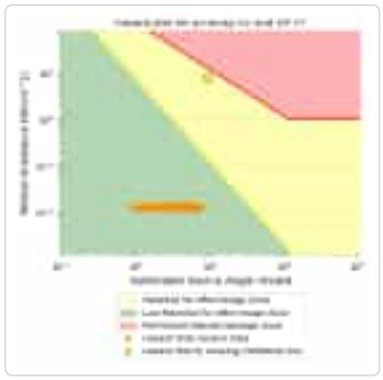
PV array 12: OP 47

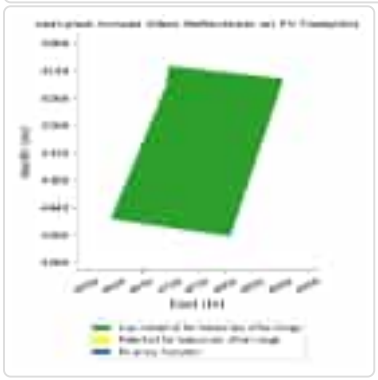
PV array is expected to produce the following glare for this receptor:

- 182 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





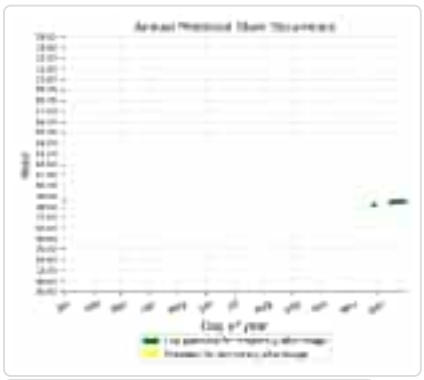


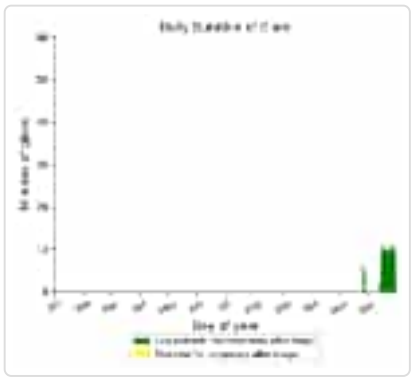


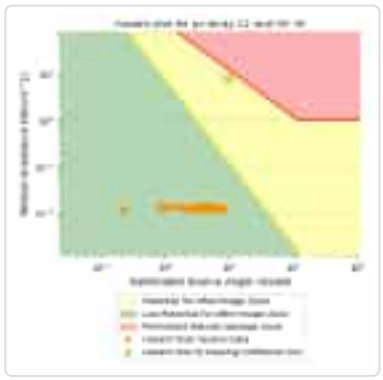
PV array 12: OP 48

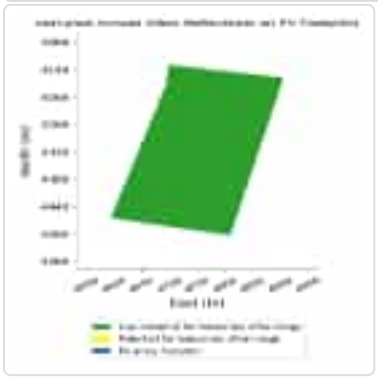
PV array is expected to produce the following glare for this receptor:

- 187 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





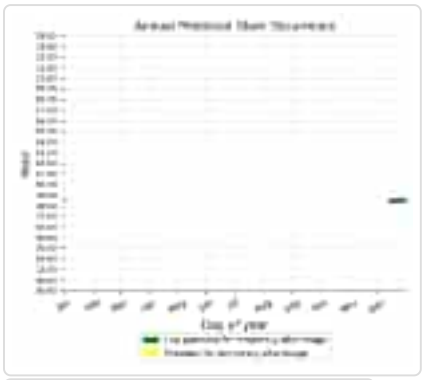


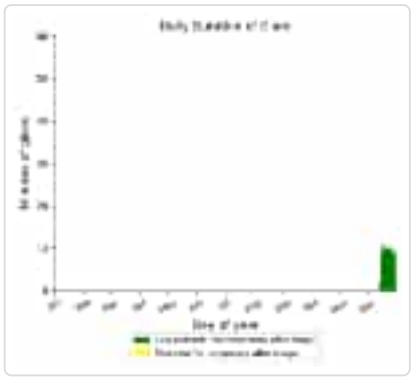


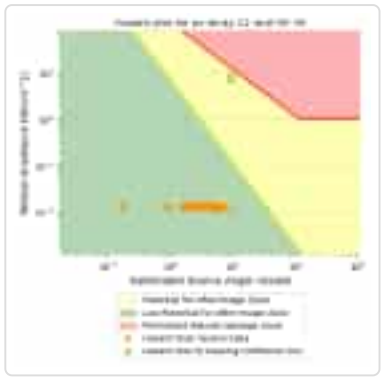
PV array 12: OP 49

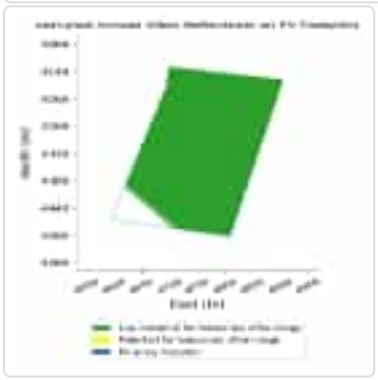
PV array is expected to produce the following glare for this receptor:

- 168 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





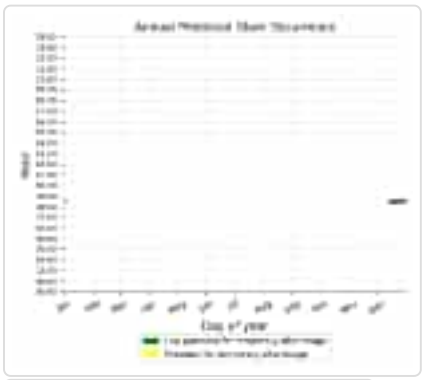


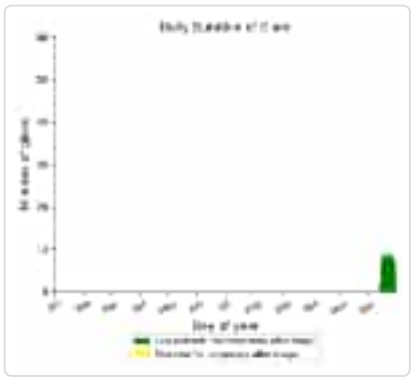


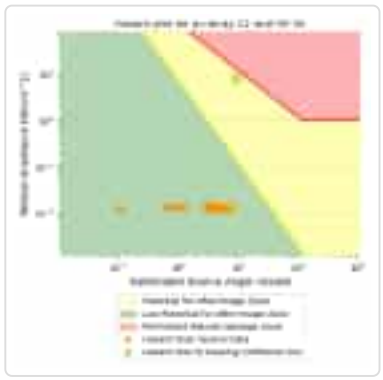
PV array 12: OP 50

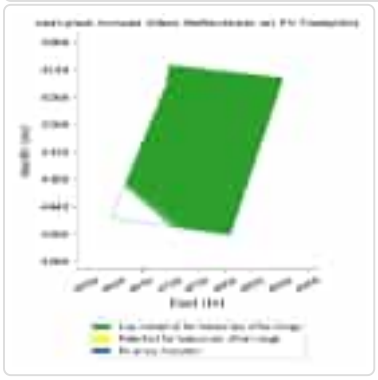
PV array is expected to produce the following glare for this receptor:

- 140 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





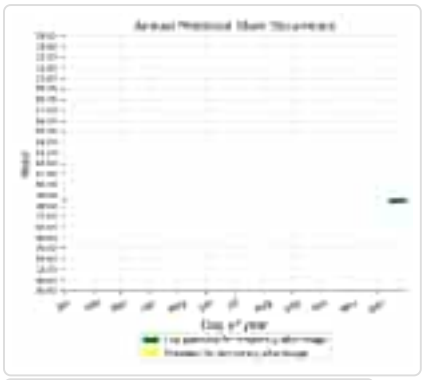


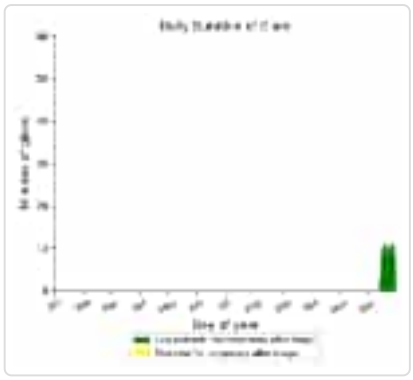


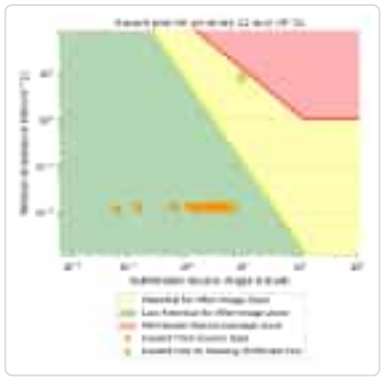
PV array 12: OP 51

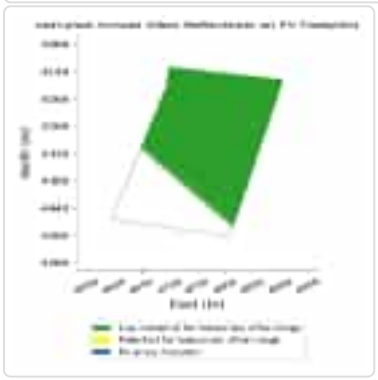
PV array is expected to produce the following glare for this receptor:

- 172 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





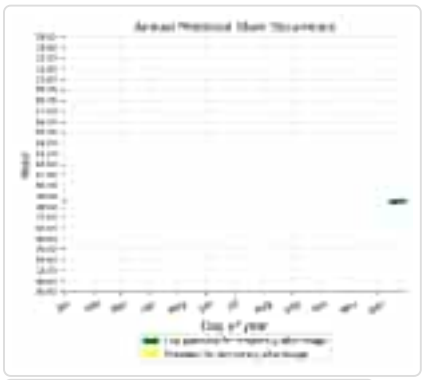


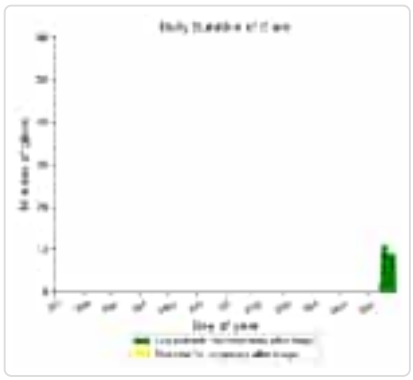


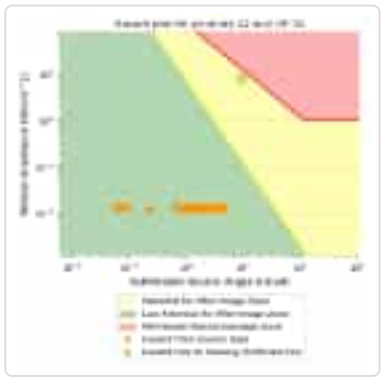
PV array 12: OP 52

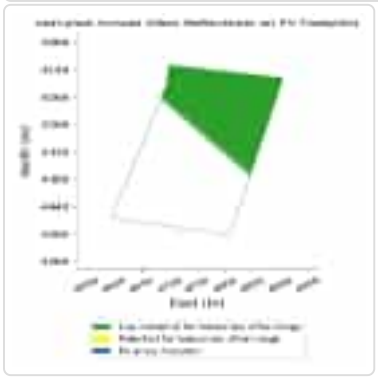
PV array is expected to produce the following glare for this receptor:

- 165 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





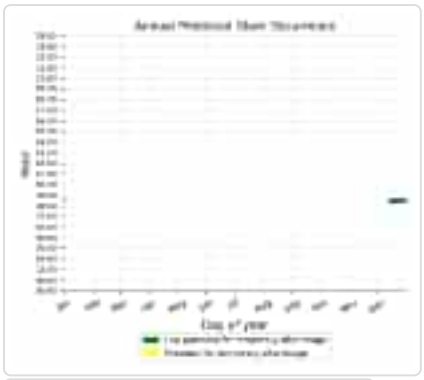


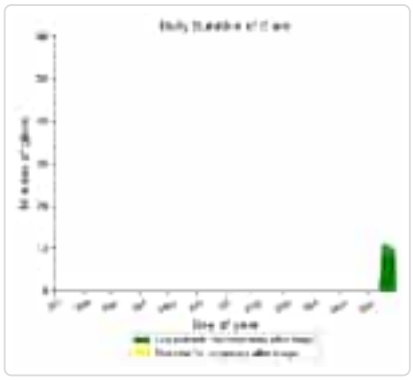


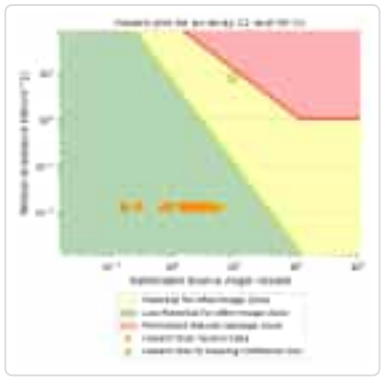
PV array 12: OP 53

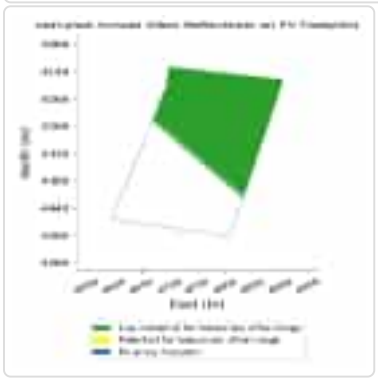
PV array is expected to produce the following glare for this receptor:

- 167 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





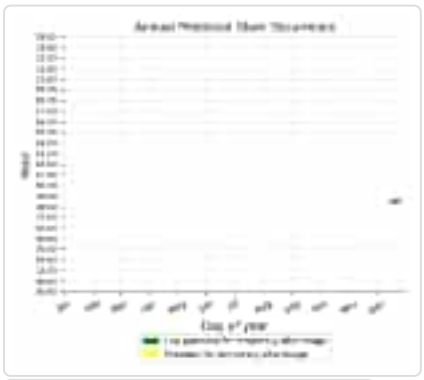


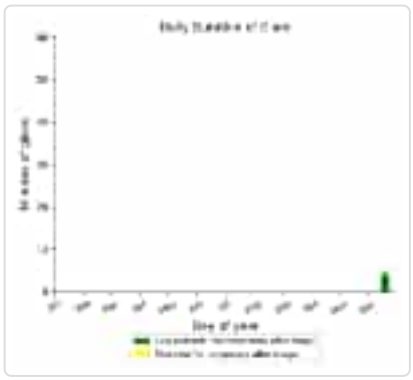


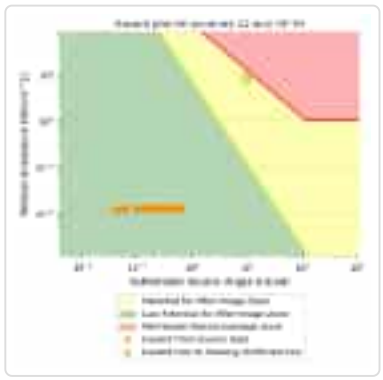
PV array 12: OP 54

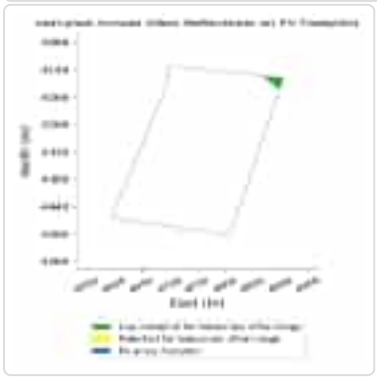
PV array is expected to produce the following glare for this receptor:

- 37 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12: OP 55

No glare found

PV array 12: OP 56

No glare found

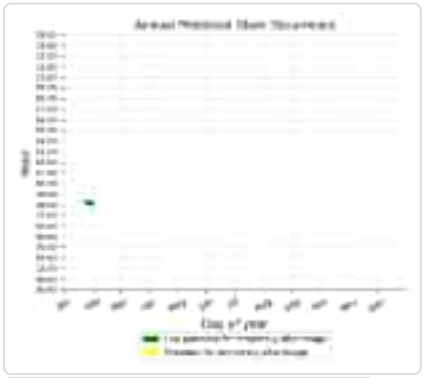
PV array 12: OP 57

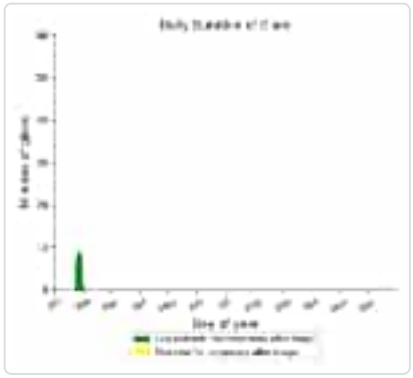
No glare found

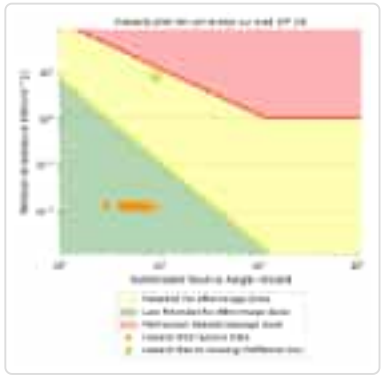
PV array 12: OP 58

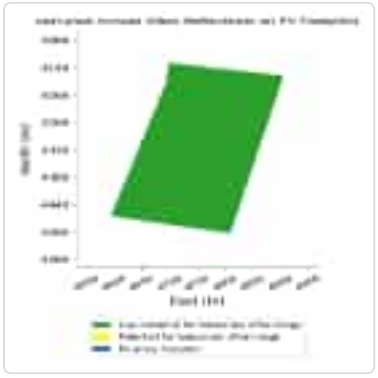
PV array is expected to produce the following glare for this receptor:

- 66 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





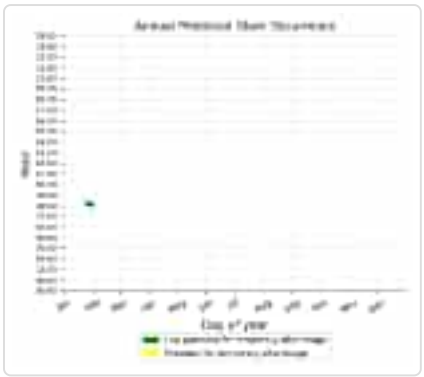


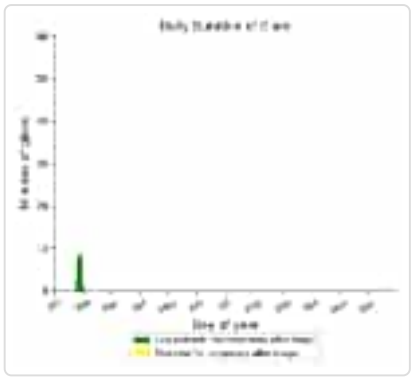


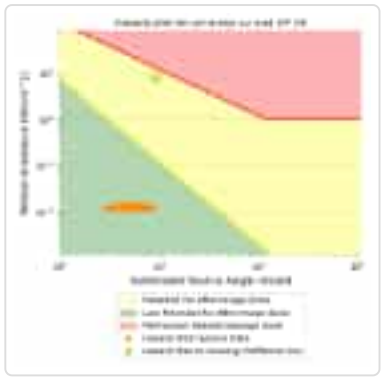
PV array 12: OP 59

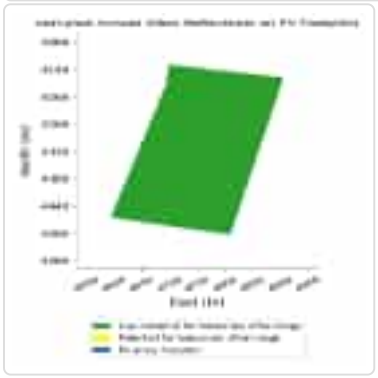
PV array is expected to produce the following glare for this receptor:

- 59 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12: OP 60

No glare found

PV array 12: OP 61

No glare found

PV array 12: OP 62

No glare found

PV array 12: OP 63

No glare found

PV array 12: OP 64

No glare found

PV array 12: OP 65

No glare found

PV array 12: OP 66

No glare found

PV array 12: OP 67

No glare found

PV array 12: OP 68

No glare found

PV array 12: OP 69

No glare found

PV array 12: OP 70

No glare found

PV array 12: OP 71

No glare found

PV array 12: OP 72

No glare found

PV array 12: OP 73

No glare found

PV array 12: OP 74

No glare found

PV array 12: OP 75

No glare found

PV array 12: OP 76

No glare found

PV array 12: OP 77

No glare found

PV array 12: OP 78

No glare found

PV array 12: OP 79

No glare found

PV array 12: OP 80

No glare found

PV array 13 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 14 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	614	0
OP: OP 2	702	0
OP: OP 3	807	0
OP: OP 4	803	0
OP: OP 5	705	0
OP: OP 6	565	0
OP: OP 7	301	0
OP: OP 8	438	0
OP: OP 9	1026	0
OP: OP 10	1801	0
OP: OP 11	2738	0
OP: OP 12	3304	0
OP: OP 13	3677	0
OP: OP 14	3102	0
OP: OP 15	3277	0
OP: OP 16	2838	0
OP: OP 17	1939	0
OP: OP 18	2175	0

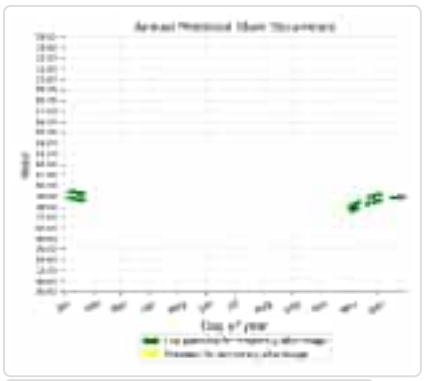
OP: OP 19	1352	0
OP: OP 20	1369	0
OP: OP 21	692	0
OP: OP 22	360	0
OP: OP 23	153	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	23	0
OP: OP 27	128	0
OP: OP 28	340	0
OP: OP 29	0	0
OP: OP 30	454	0
OP: OP 31	532	0
OP: OP 32	589	0
OP: OP 33	667	0
OP: OP 34	668	0
OP: OP 35	695	0
OP: OP 36	862	0
OP: OP 37	771	0
OP: OP 38	562	0
OP: OP 39	664	0
OP: OP 40	637	0
OP: OP 41	788	0
OP: OP 42	635	0
OP: OP 43	539	0
OP: OP 44	529	0
OP: OP 45	429	0
OP: OP 46	390	0
OP: OP 47	344	0
OP: OP 48	284	0
OP: OP 49	176	0
OP: OP 50	161	0
OP: OP 51	117	0
OP: OP 52	107	0
OP: OP 53	84	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	70	0
OP: OP 57	206	0
OP: OP 58	611	0
OP: OP 59	529	0
OP: OP 60	1566	0
OP: OP 61	1662	0
OP: OP 62	910	0
OP: OP 63	601	0
OP: OP 64	1910	0
OP: OP 65	2185	0
OP: OP 66	2165	0
OP: OP 67	1724	0
OP: OP 68	1641	0
OP: OP 69	959	0
OP: OP 70	905	0
OP: OP 71	320	0
OP: OP 72	74	0

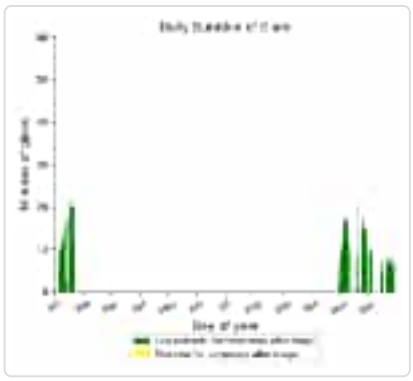
OP: OP 73	2452	0
OP: OP 74	1757	0
OP: OP 75	2106	0
OP: OP 76	2356	0
OP: OP 77	2618	0
OP: OP 78	2150	0
OP: OP 79	2034	0
OP: OP 80	2293	0

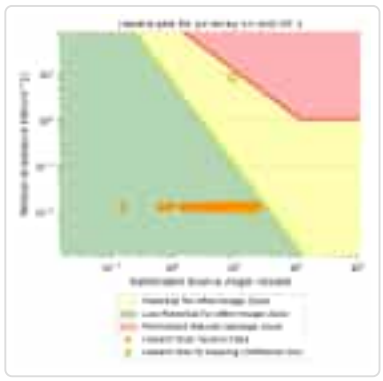
PV array 14: OP 1

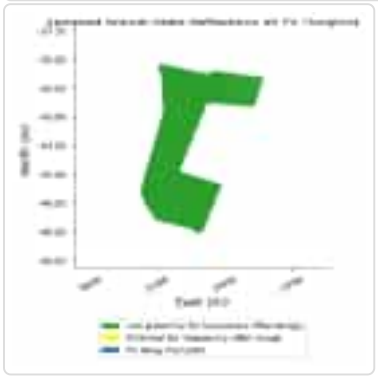
PV array is expected to produce the following glare for this receptor:

- 614 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





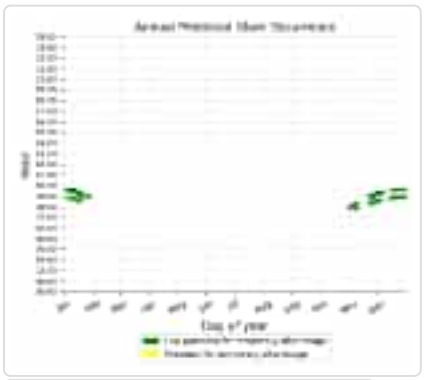


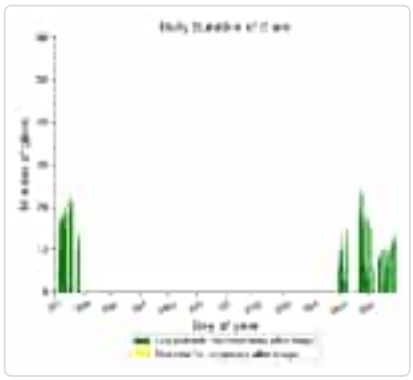


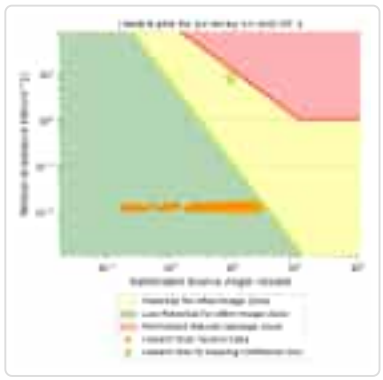
PV array 14: OP 2

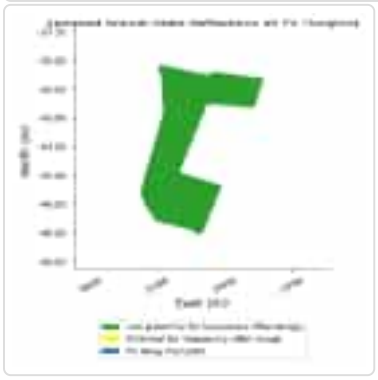
PV array is expected to produce the following glare for this receptor:

- 702 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





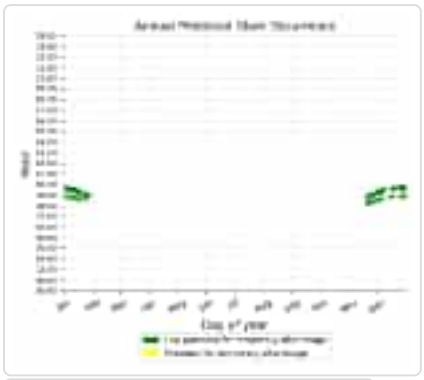


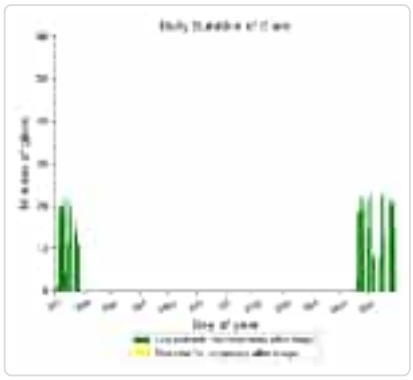


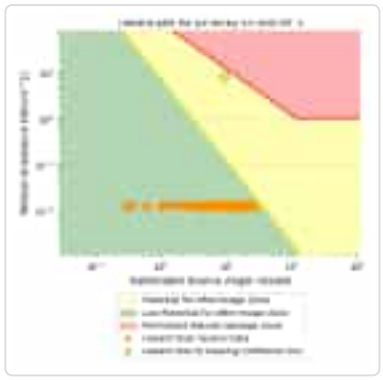
PV array 14: OP 3

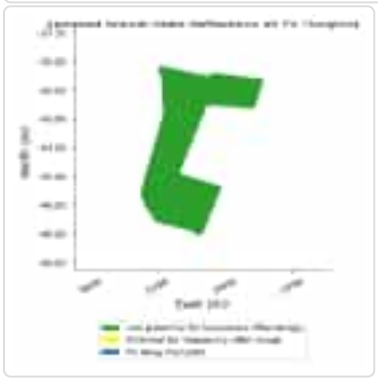
PV array is expected to produce the following glare for this receptor:

- 807 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





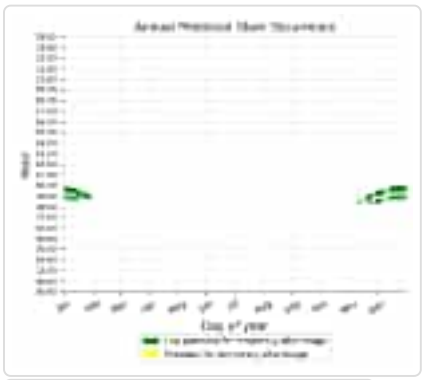


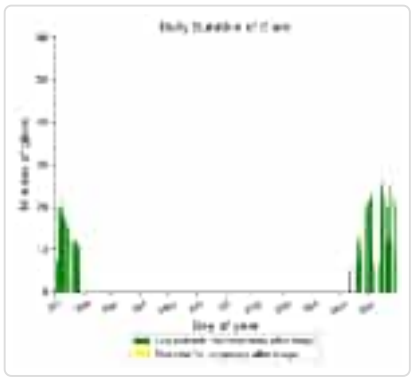


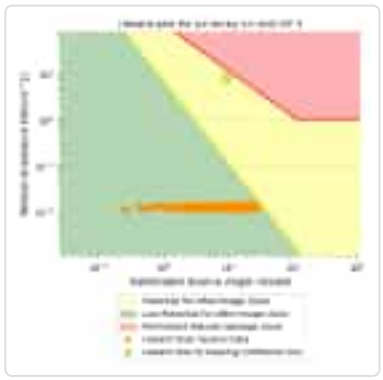
PV array 14: OP 4

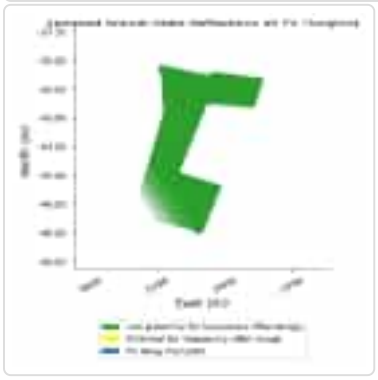
PV array is expected to produce the following glare for this receptor:

- 803 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





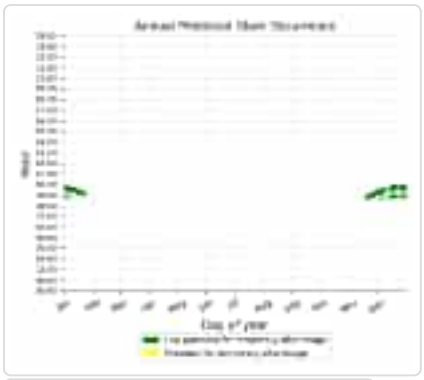


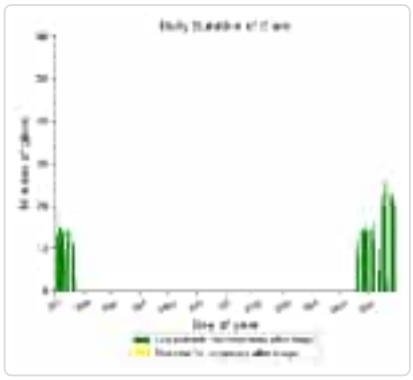


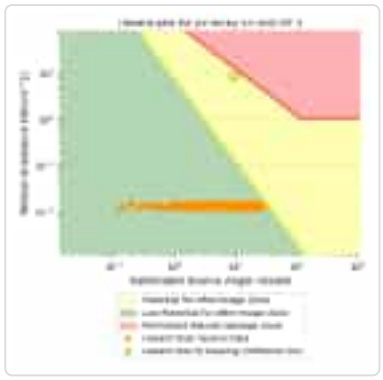
PV array 14: OP 5

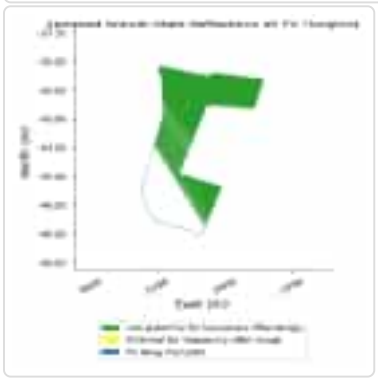
PV array is expected to produce the following glare for this receptor:

- 705 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





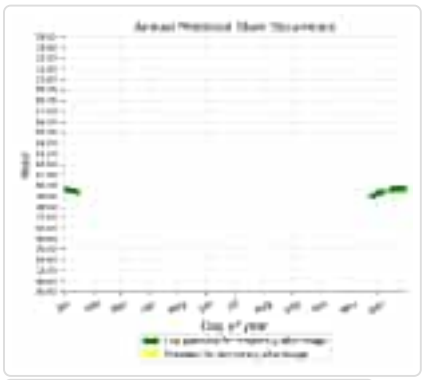


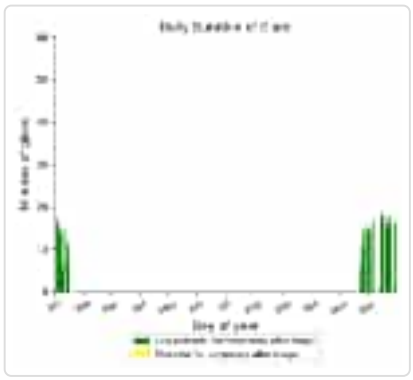


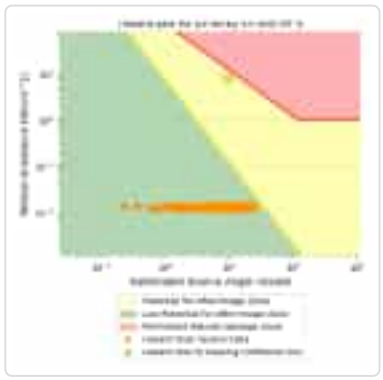
PV array 14: OP 6

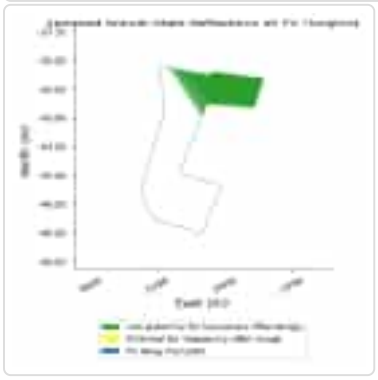
PV array is expected to produce the following glare for this receptor:

- 565 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





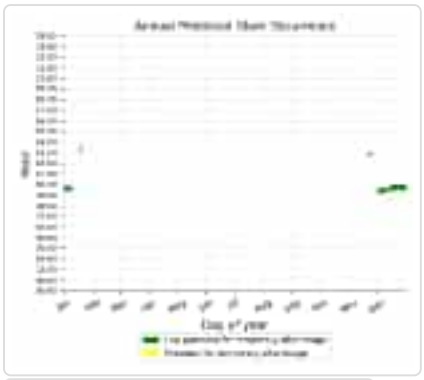


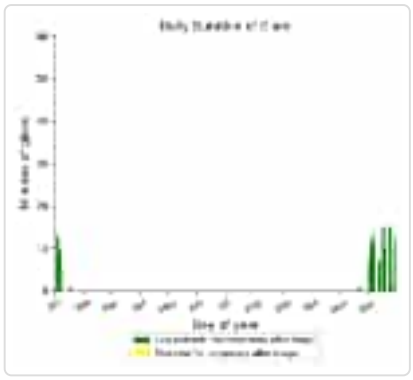


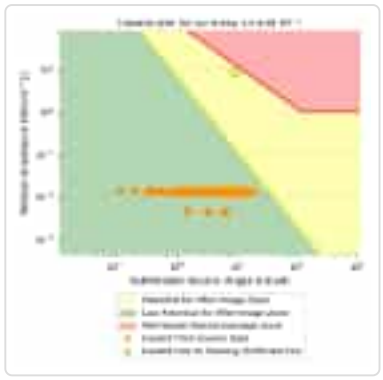
PV array 14: OP 7

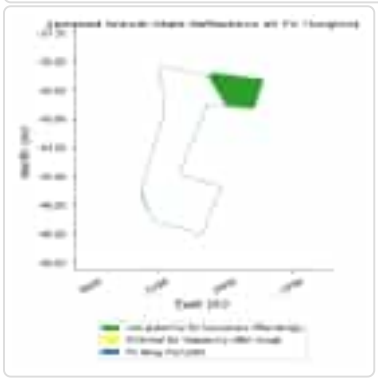
PV array is expected to produce the following glare for this receptor:

- 301 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





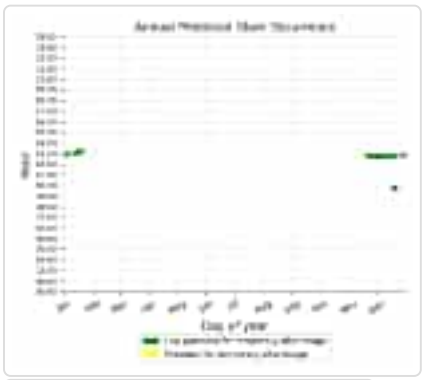


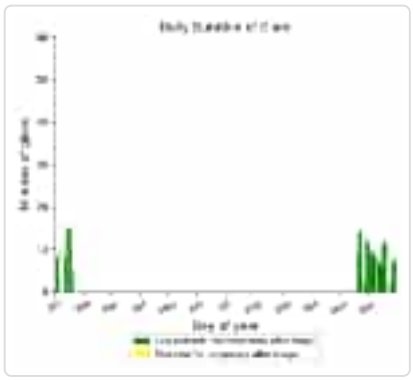


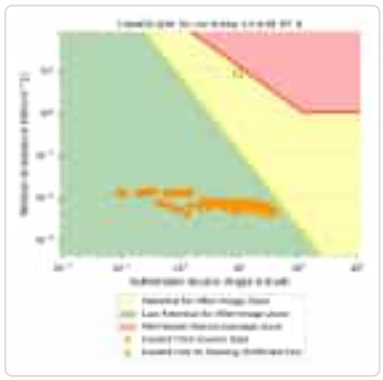
PV array 14: OP 8

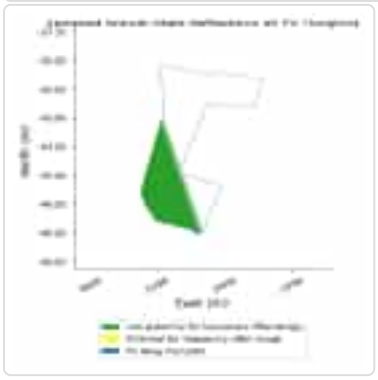
PV array is expected to produce the following glare for this receptor:

- 438 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





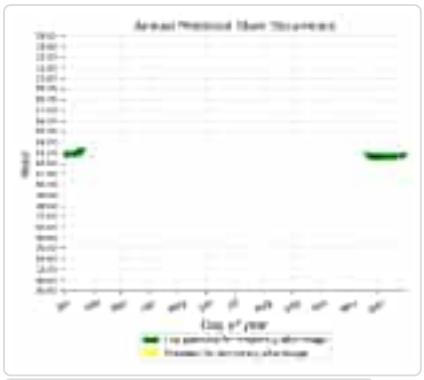


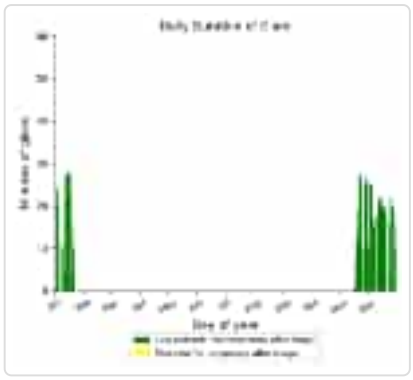


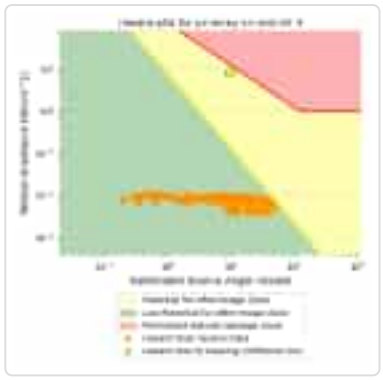
PV array 14: OP 9

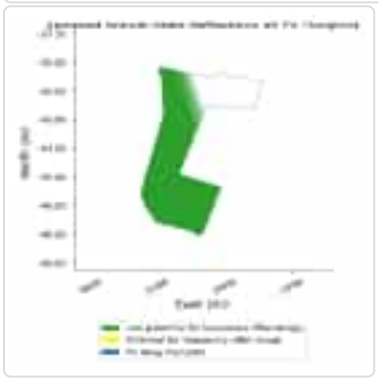
PV array is expected to produce the following glare for this receptor:

- 1,026 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





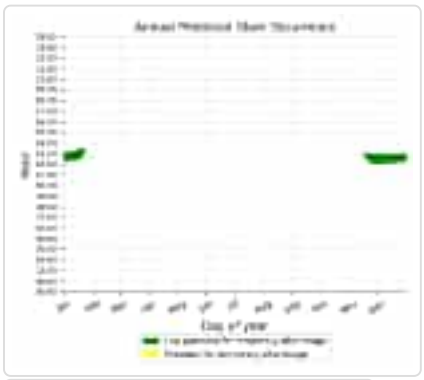


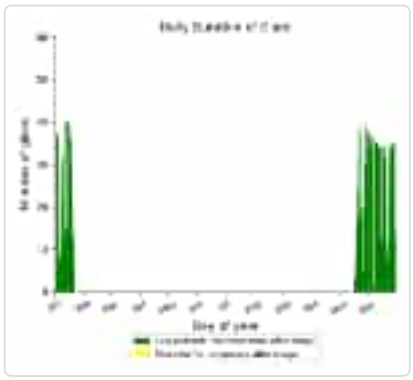


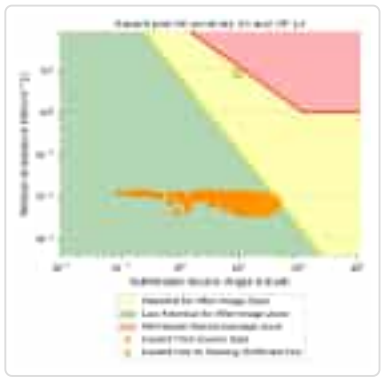
PV array 14: OP 10

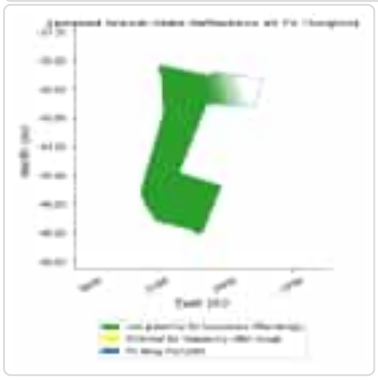
PV array is expected to produce the following glare for this receptor:

- 1,801 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





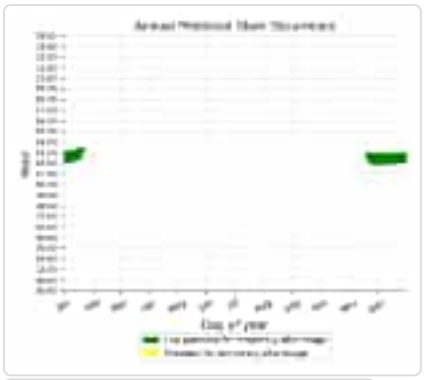


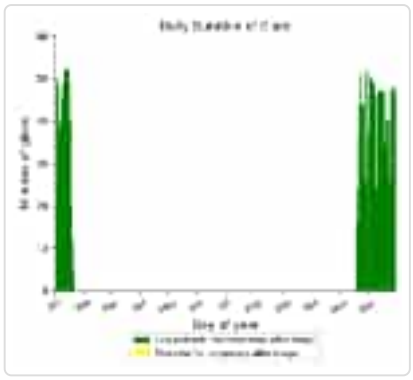


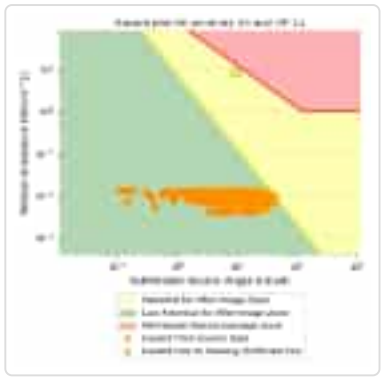
PV array 14: OP 11

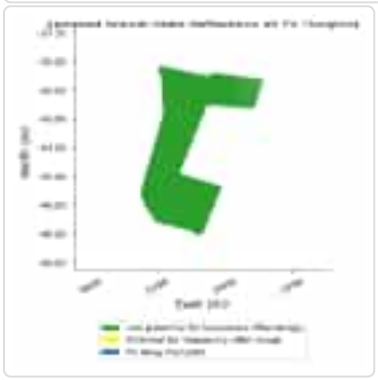
PV array is expected to produce the following glare for this receptor:

- 2,738 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





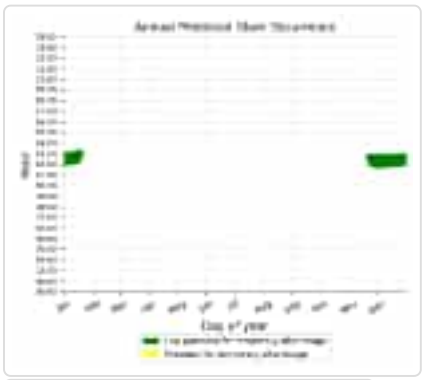


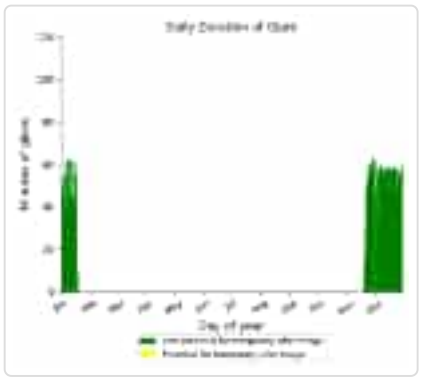


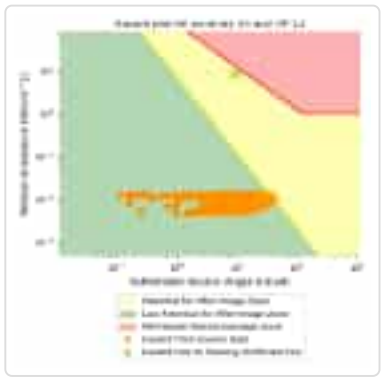
PV array 14: OP 12

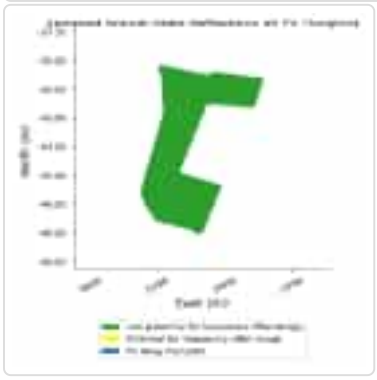
PV array is expected to produce the following glare for this receptor:

- 3,304 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





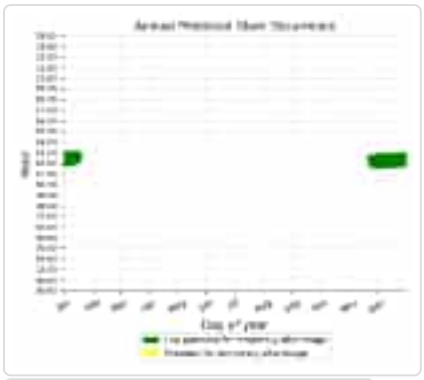


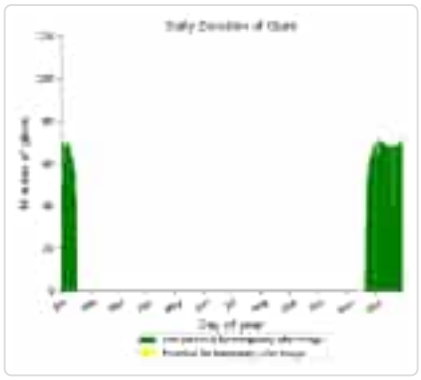


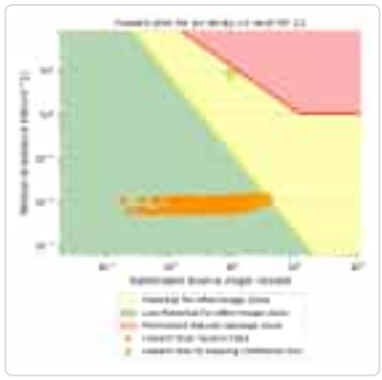
PV array 14: OP 13

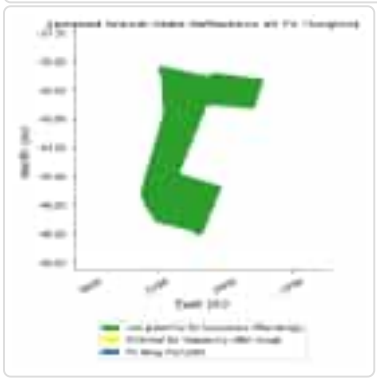
PV array is expected to produce the following glare for this receptor:

- 3,677 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





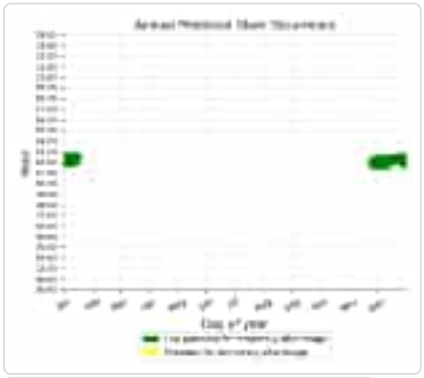


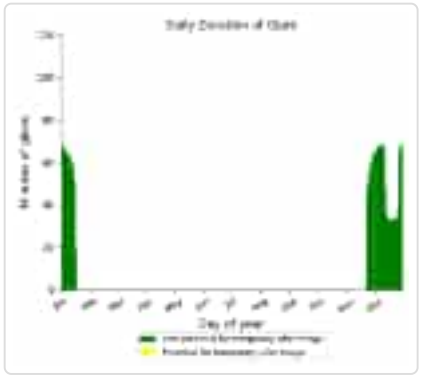


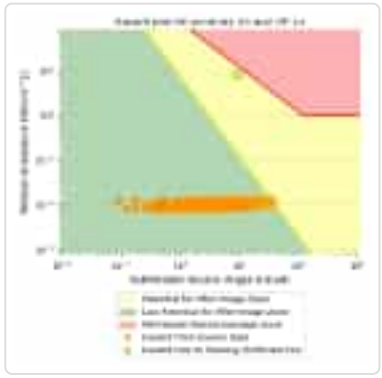
PV array 14: OP 14

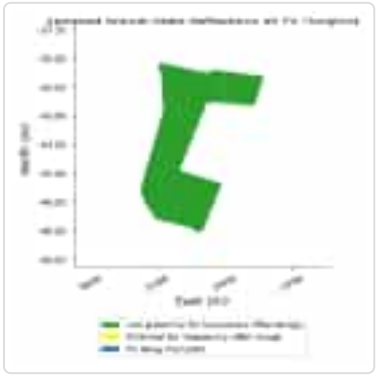
PV array is expected to produce the following glare for this receptor:

- 3,102 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





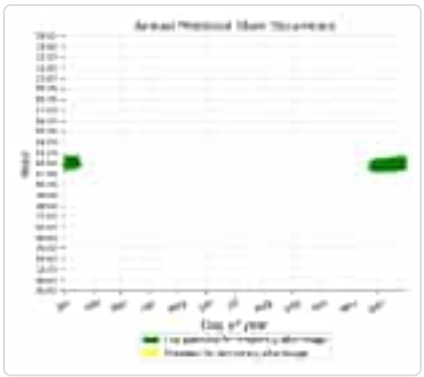


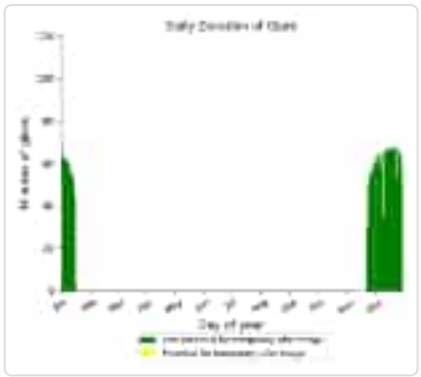


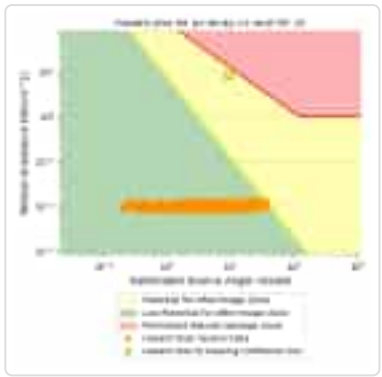
PV array 14: OP 15

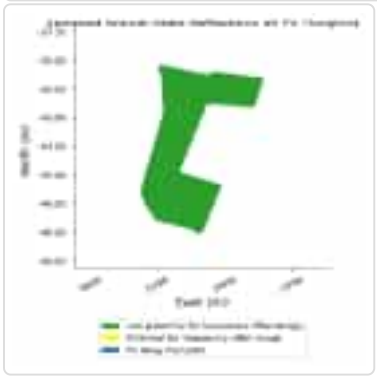
PV array is expected to produce the following glare for this receptor:

- 3,277 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





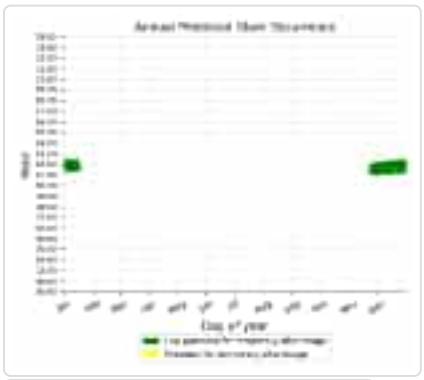


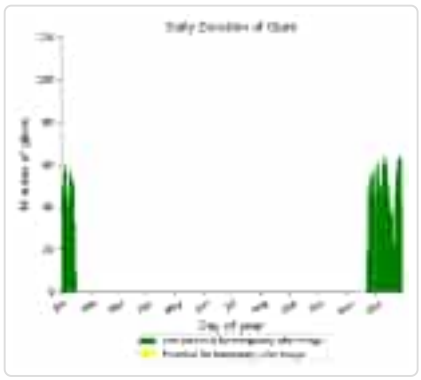


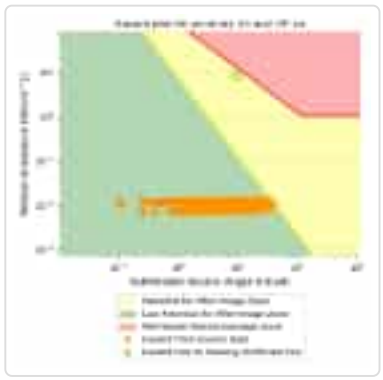
PV array 14: OP 16

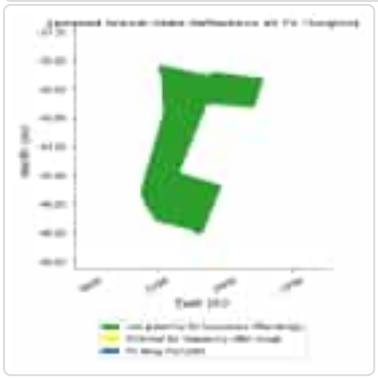
PV array is expected to produce the following glare for this receptor:

- 2,838 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





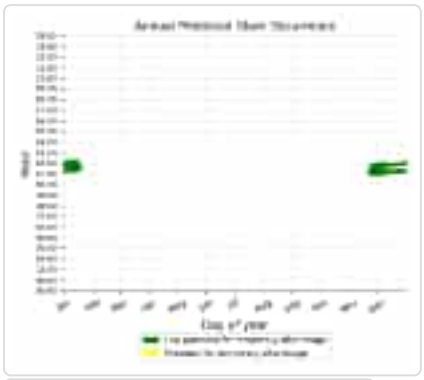


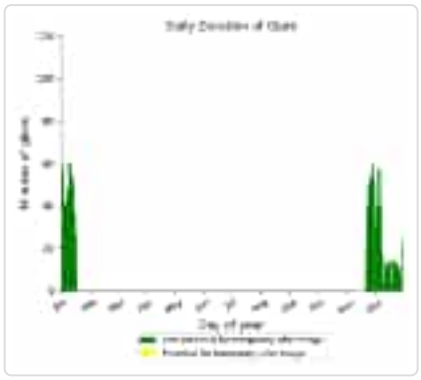


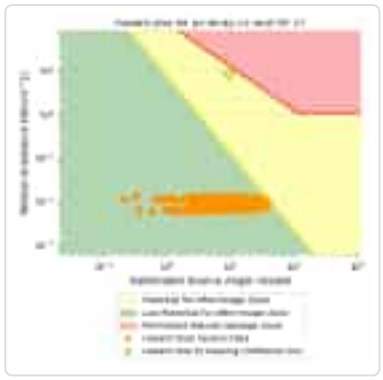
PV array 14: OP 17

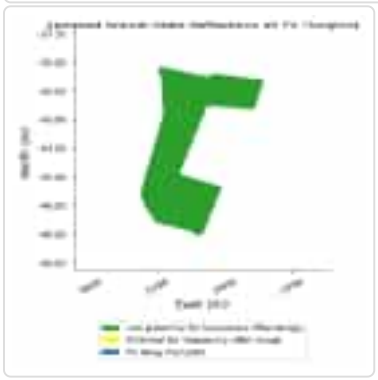
PV array is expected to produce the following glare for this receptor:

- 1,939 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





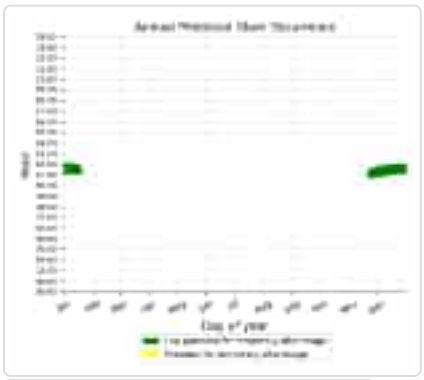


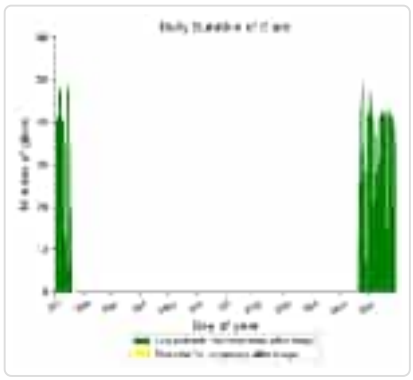


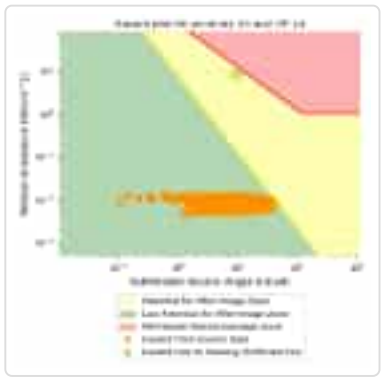
PV array 14: OP 18

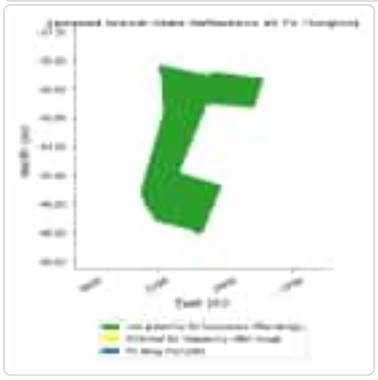
PV array is expected to produce the following glare for this receptor:

- 2,175 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





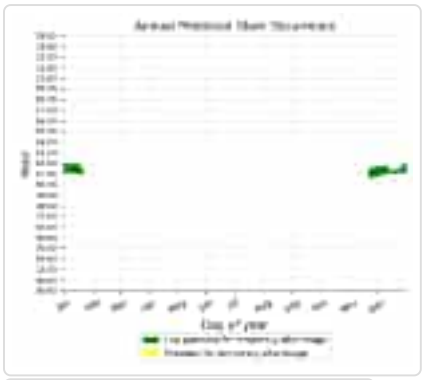


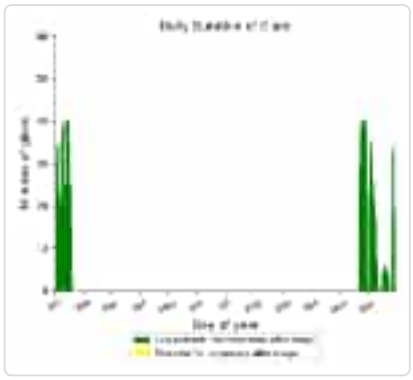


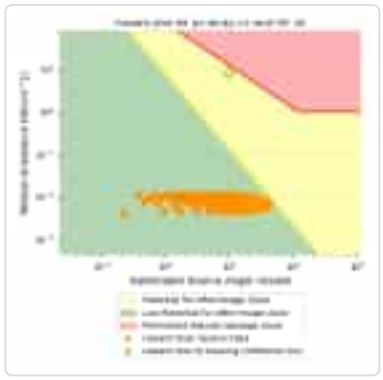
PV array 14: OP 19

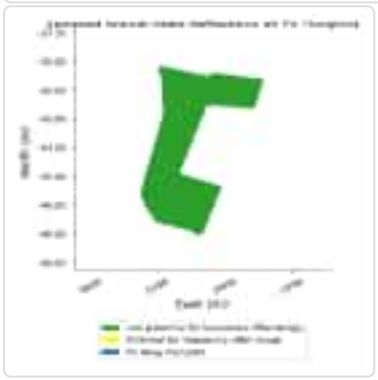
PV array is expected to produce the following glare for this receptor:

- 1,352 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





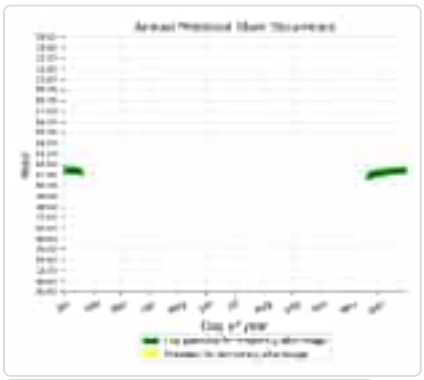


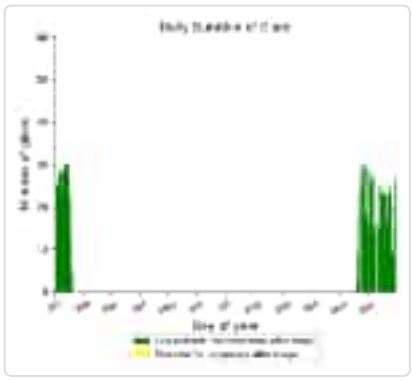


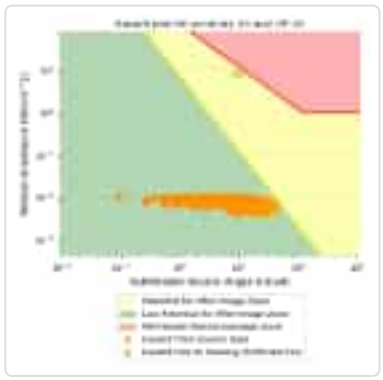
PV array 14: OP 20

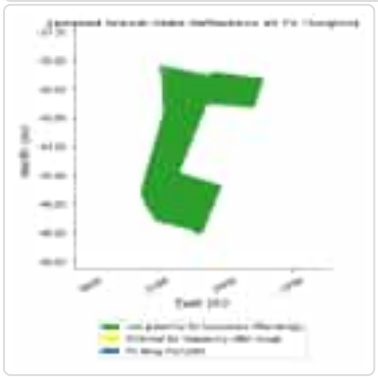
PV array is expected to produce the following glare for this receptor:

- 1,369 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





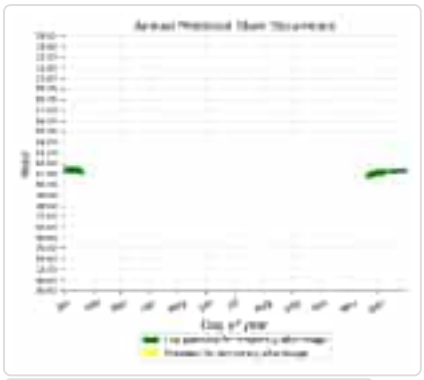


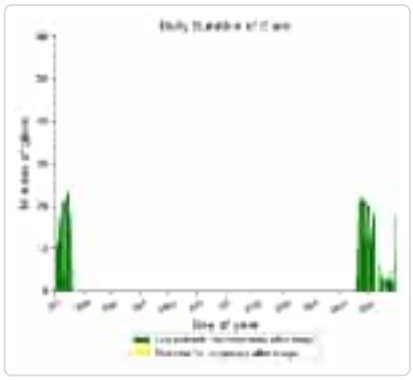


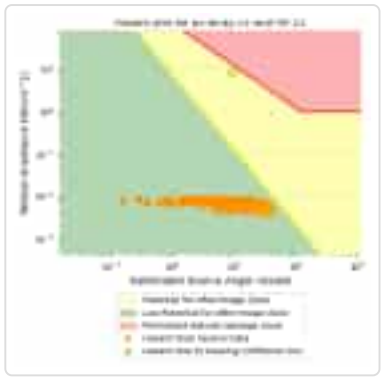
PV array 14: OP 21

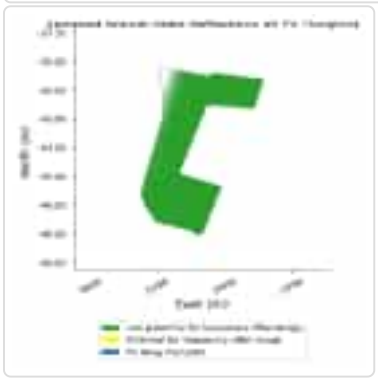
PV array is expected to produce the following glare for this receptor:

- 692 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





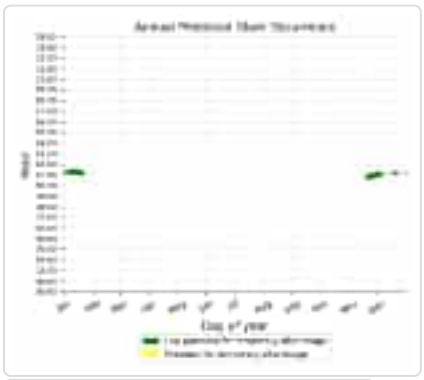


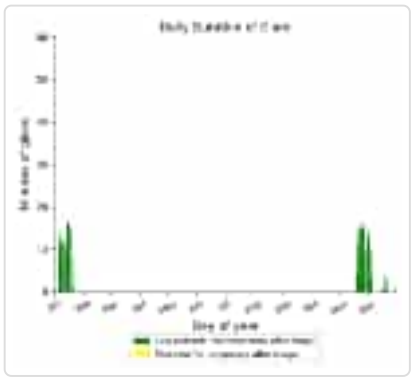


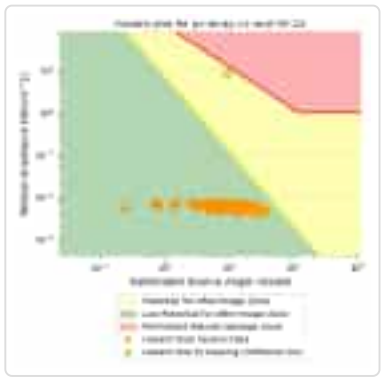
PV array 14: OP 22

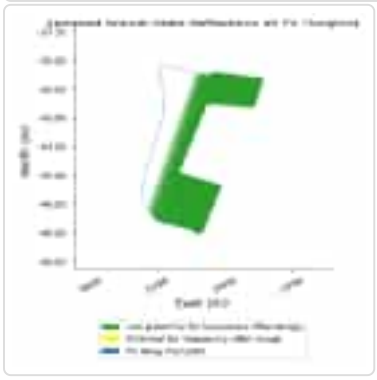
PV array is expected to produce the following glare for this receptor:

- 360 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





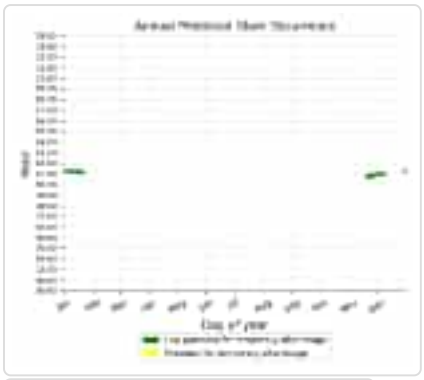


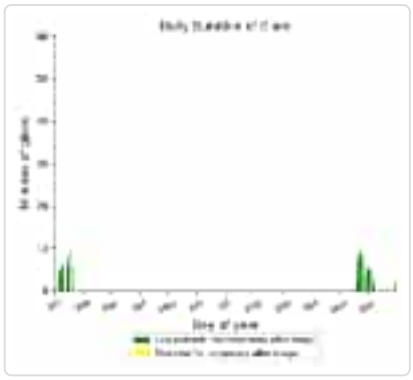


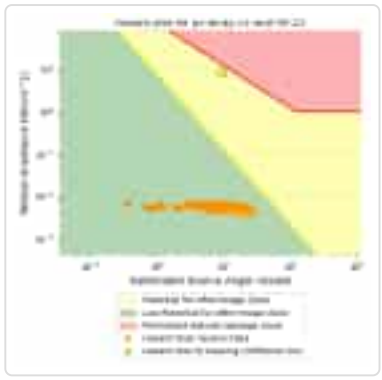
PV array 14: OP 23

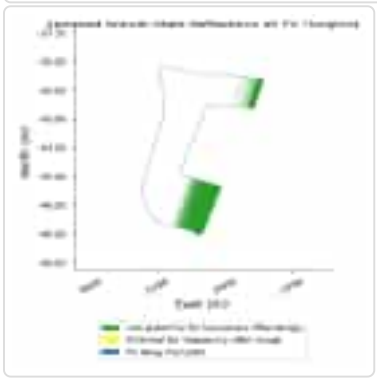
PV array is expected to produce the following glare for this receptor:

- 153 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14: OP 24

No glare found

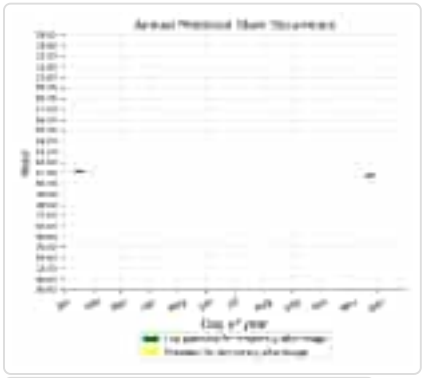
PV array 14: OP 25

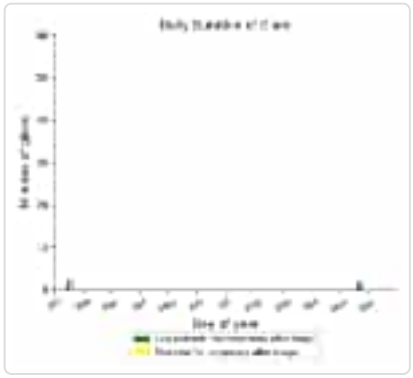
No glare found

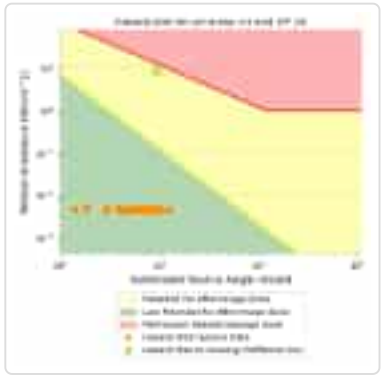
PV array 14: OP 26

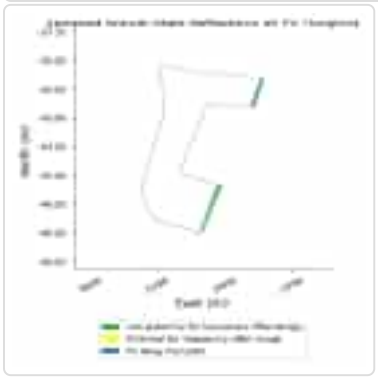
PV array is expected to produce the following glare for this receptor:

- 23 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





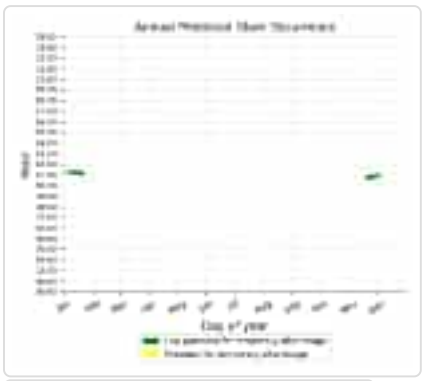


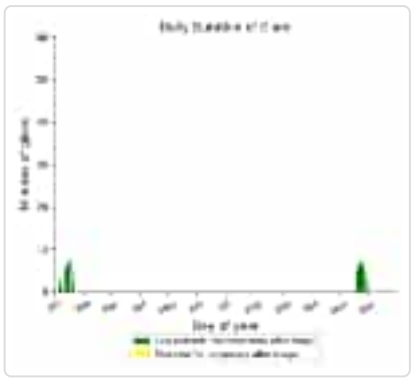


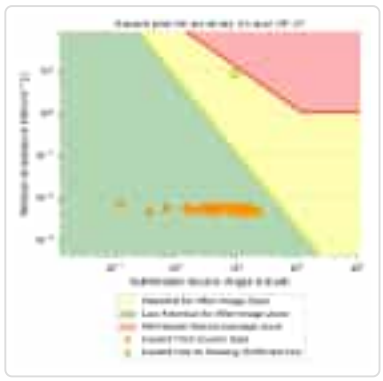
PV array 14: OP 27

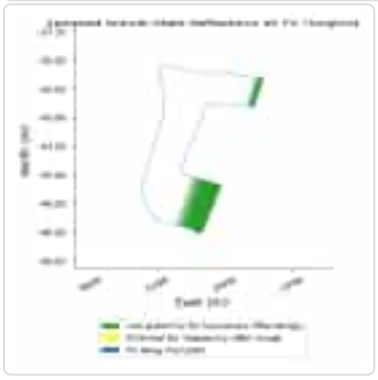
PV array is expected to produce the following glare for this receptor:

- 128 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





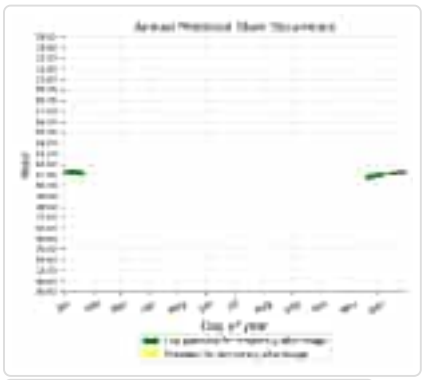


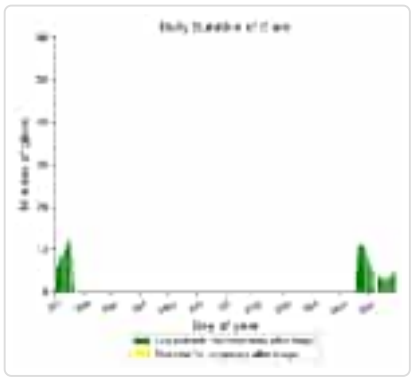


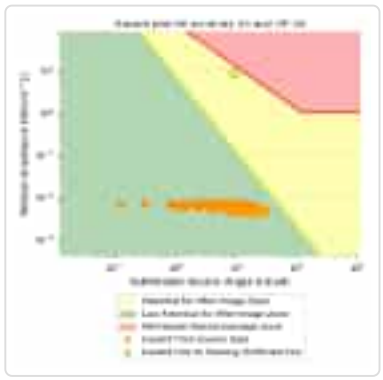
PV array 14: OP 28

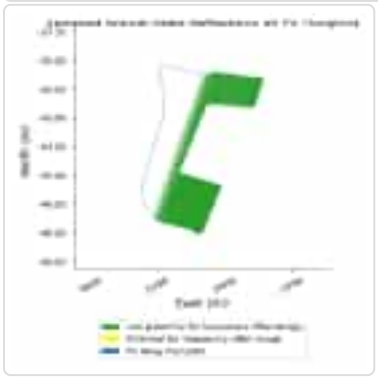
PV array is expected to produce the following glare for this receptor:

- 340 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









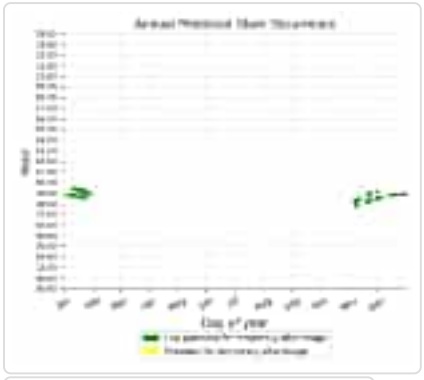
PV array 14: OP 29

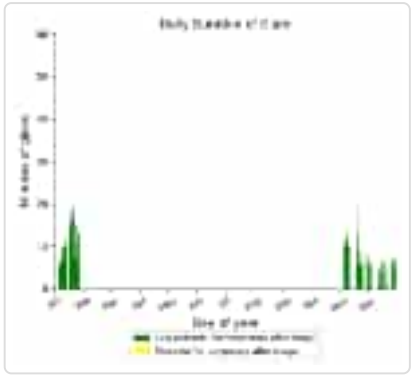
No glare found

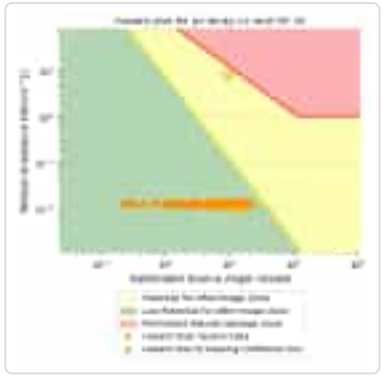
PV array 14: OP 30

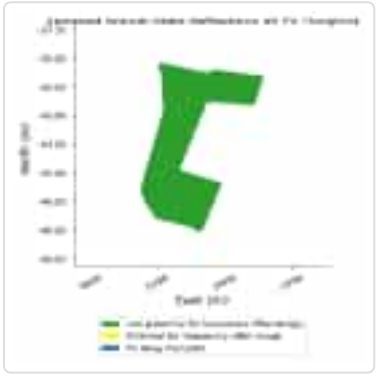
PV array is expected to produce the following glare for this receptor:

- 454 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





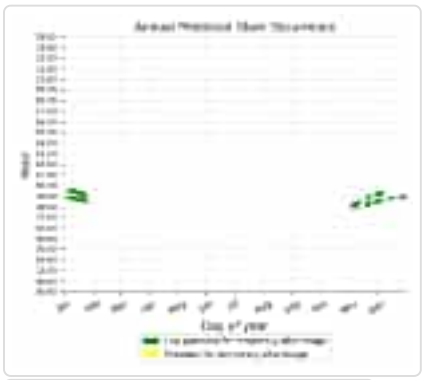


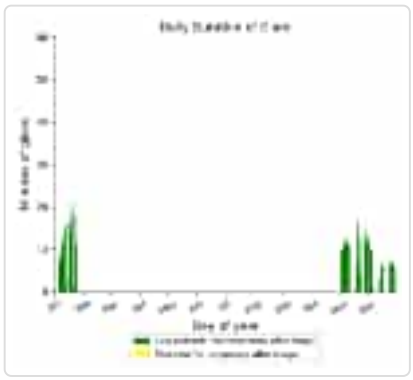


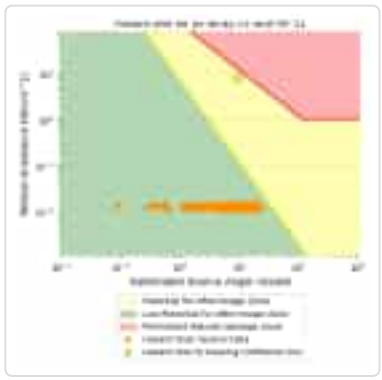
PV array 14: OP 31

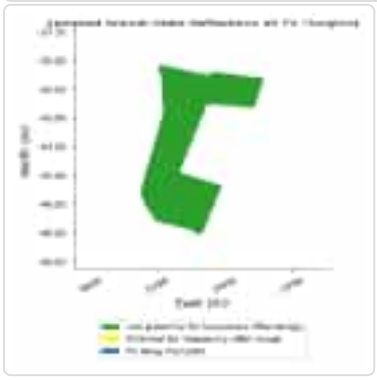
PV array is expected to produce the following glare for this receptor:

- 532 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





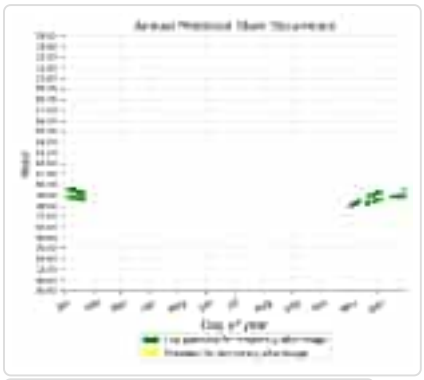


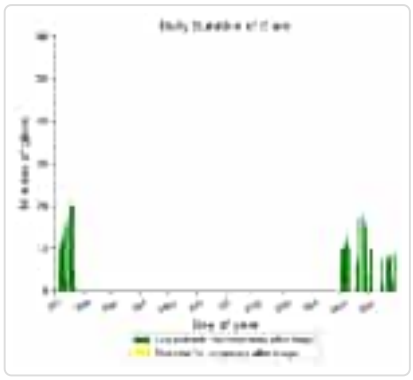


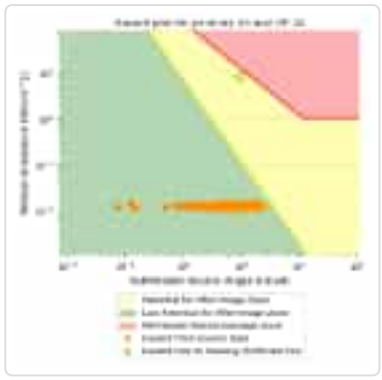
PV array 14: OP 32

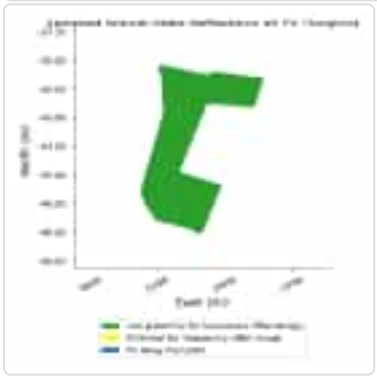
PV array is expected to produce the following glare for this receptor:

- 589 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





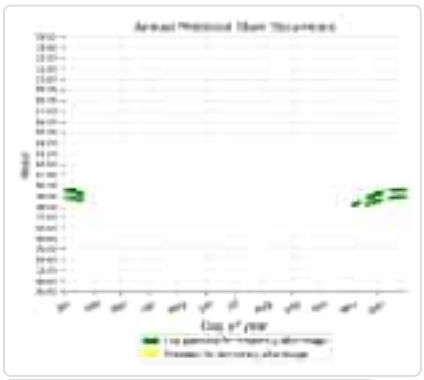


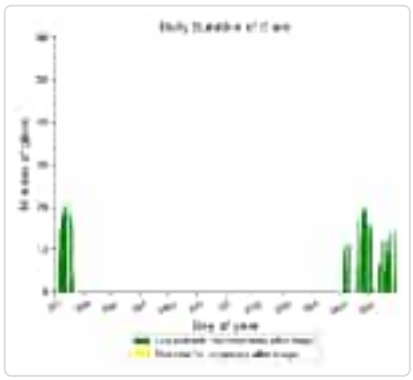


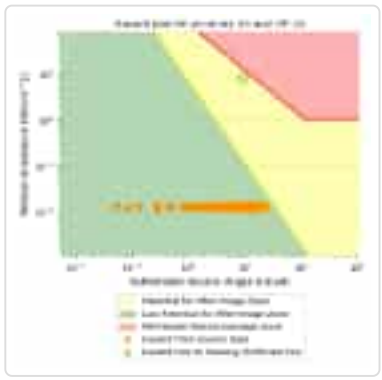
PV array 14: OP 33

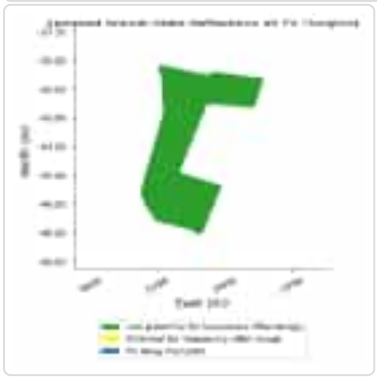
PV array is expected to produce the following glare for this receptor:

- 667 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





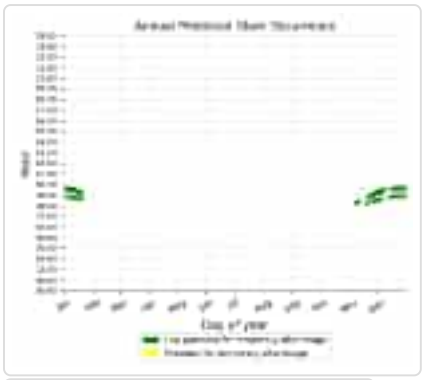


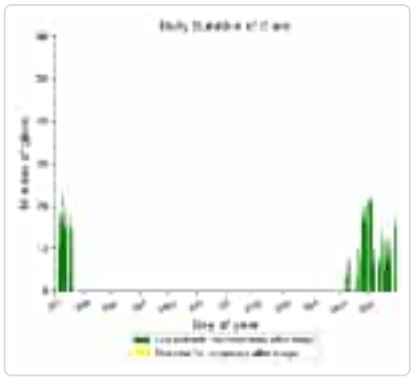


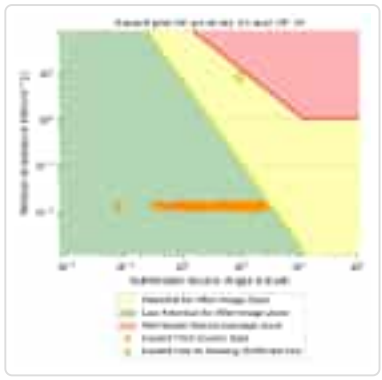
PV array 14: OP 34

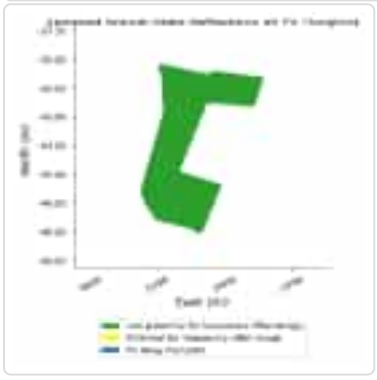
PV array is expected to produce the following glare for this receptor:

- 668 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





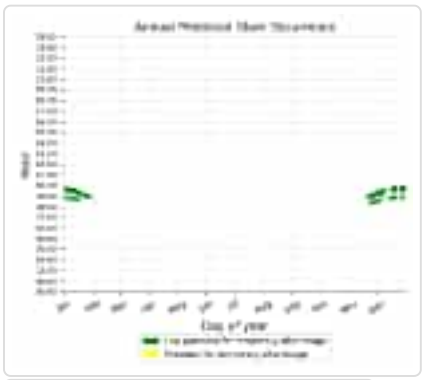


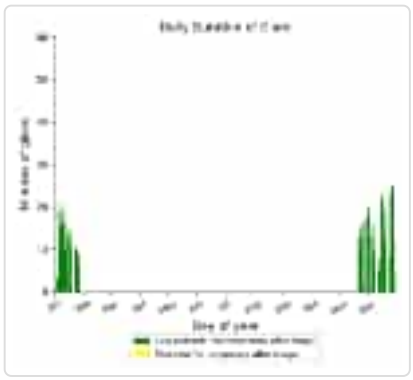


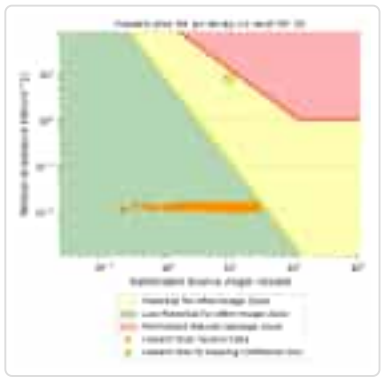
PV array 14: OP 35

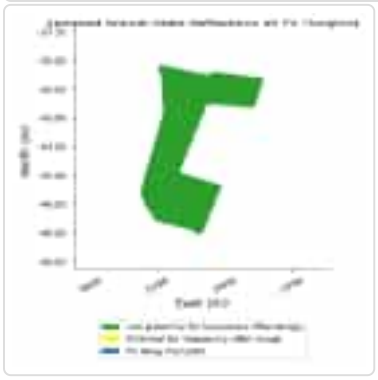
PV array is expected to produce the following glare for this receptor:

- 695 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





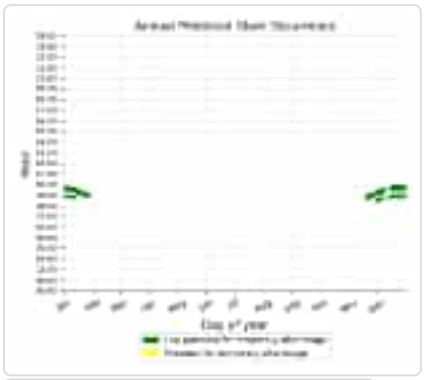


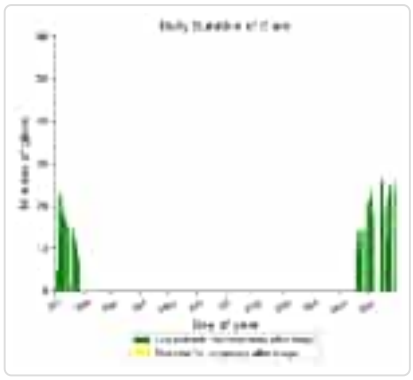


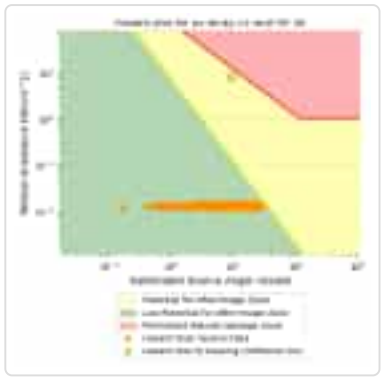
PV array 14: OP 36

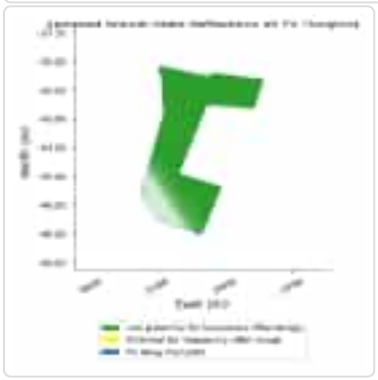
PV array is expected to produce the following glare for this receptor:

- 862 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





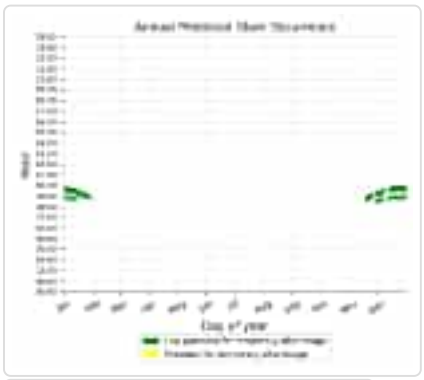


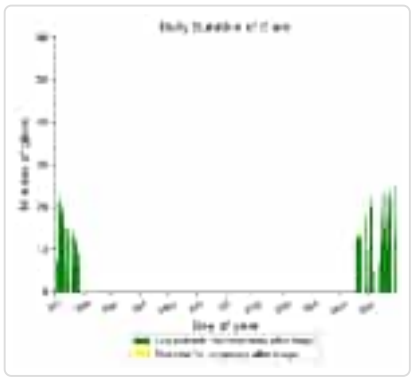


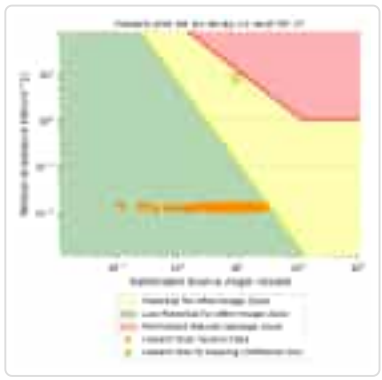
PV array 14: OP 37

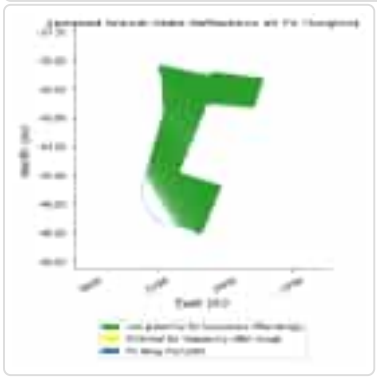
PV array is expected to produce the following glare for this receptor:

- 771 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





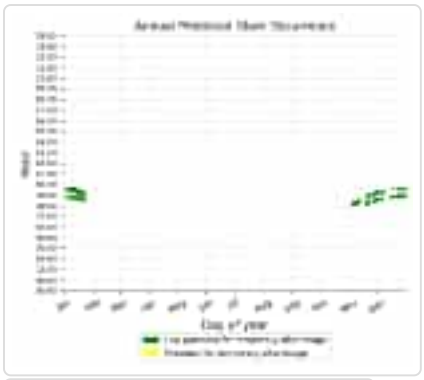


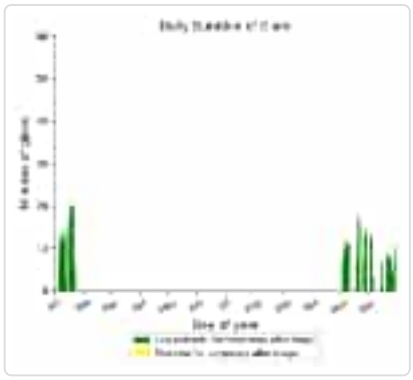


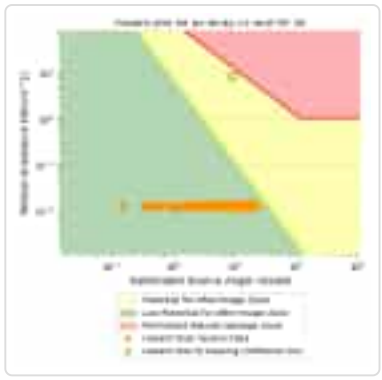
PV array 14: OP 38

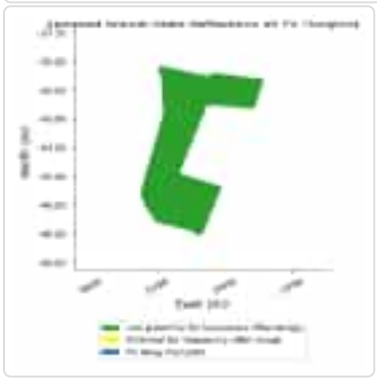
PV array is expected to produce the following glare for this receptor:

- 562 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





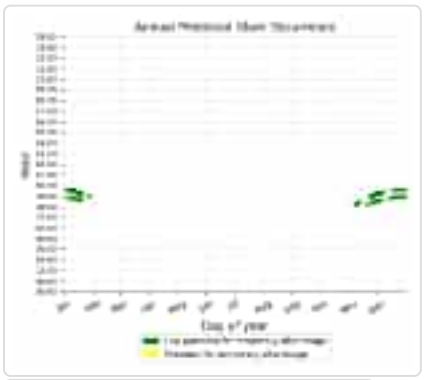


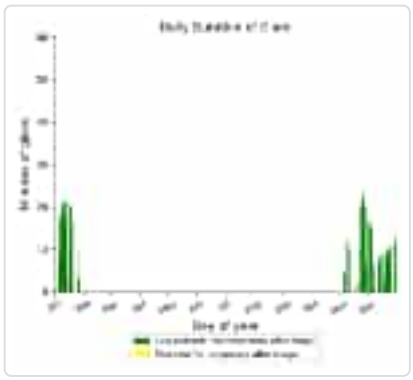


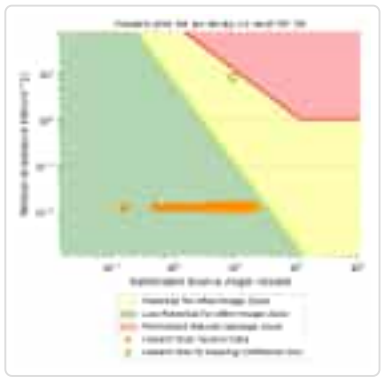
PV array 14: OP 39

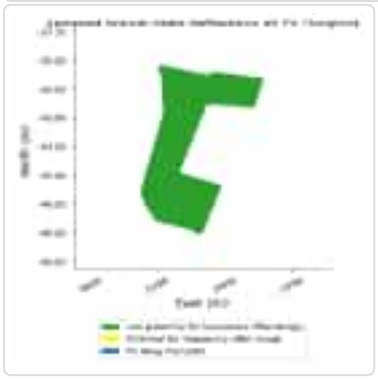
PV array is expected to produce the following glare for this receptor:

- 664 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





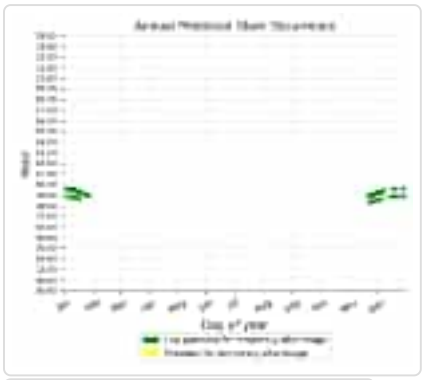


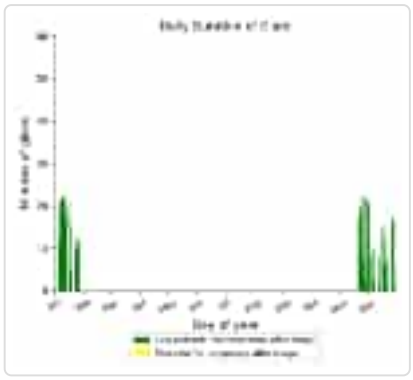


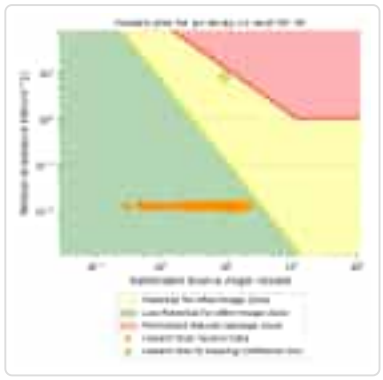
PV array 14: OP 40

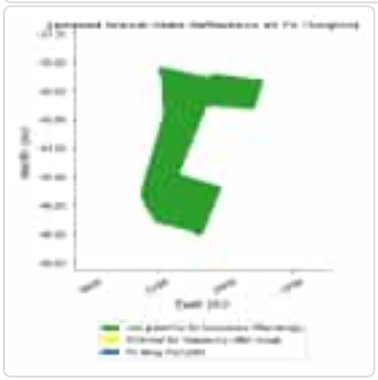
PV array is expected to produce the following glare for this receptor:

- 637 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





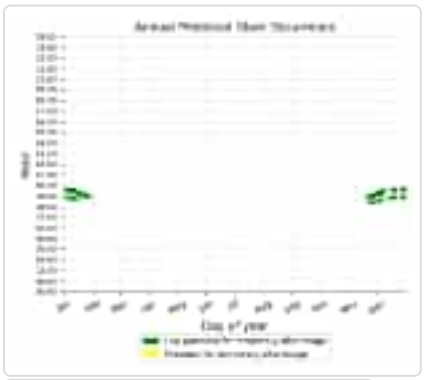


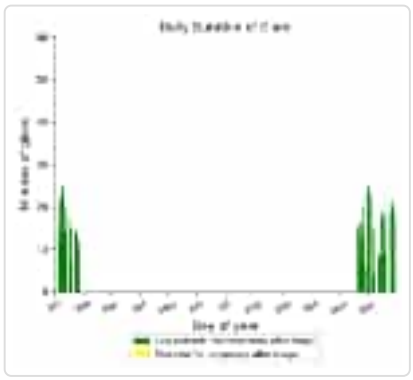


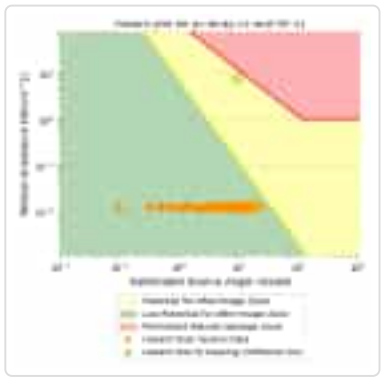
PV array 14: OP 41

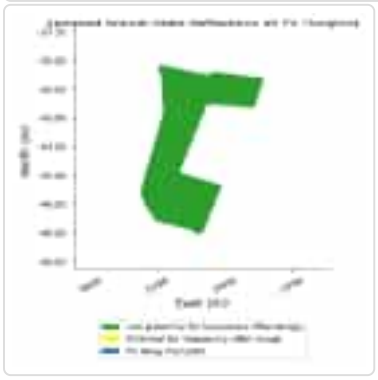
PV array is expected to produce the following glare for this receptor:

- 788 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





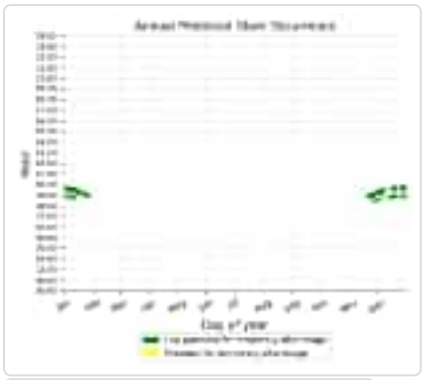


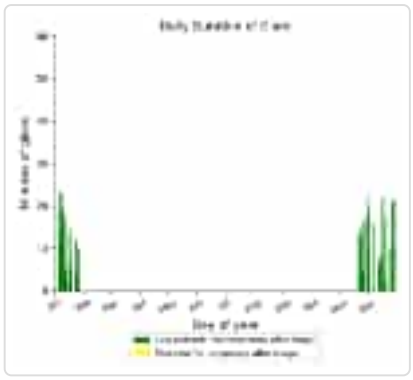


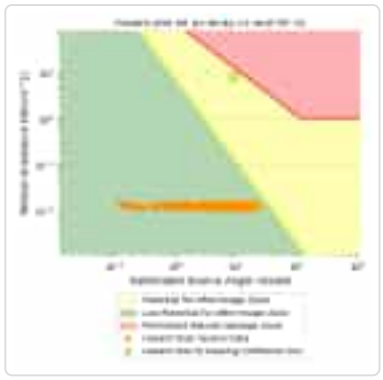
PV array 14: OP 42

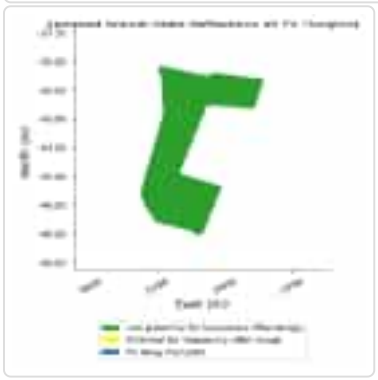
PV array is expected to produce the following glare for this receptor:

- 635 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





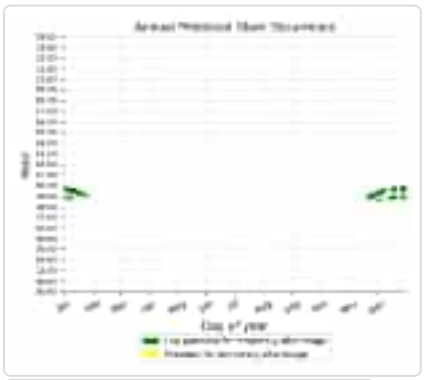


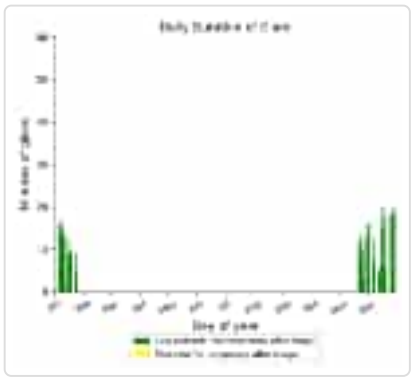


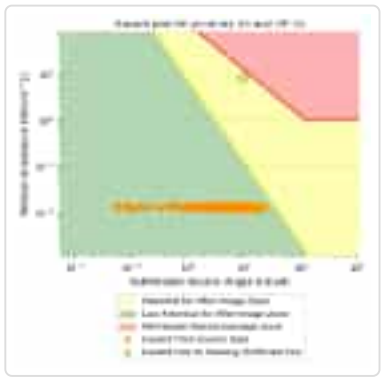
PV array 14: OP 43

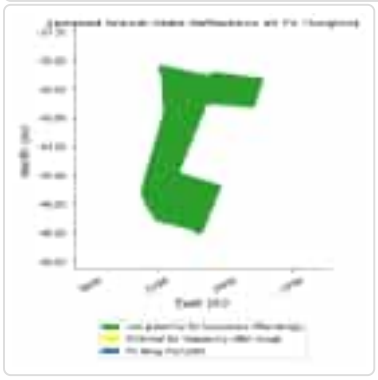
PV array is expected to produce the following glare for this receptor:

- 539 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





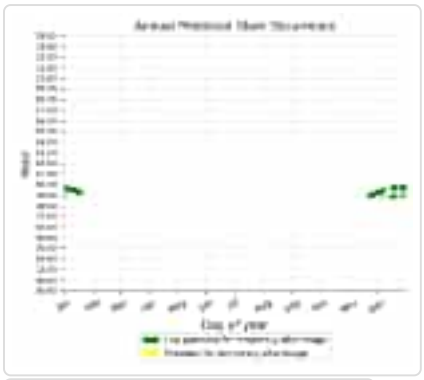


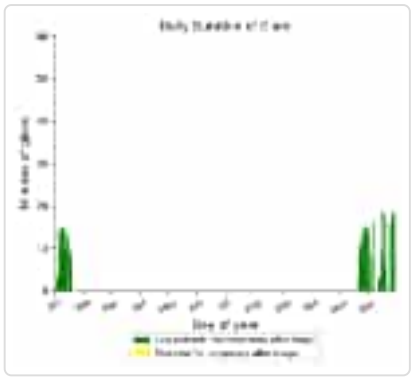


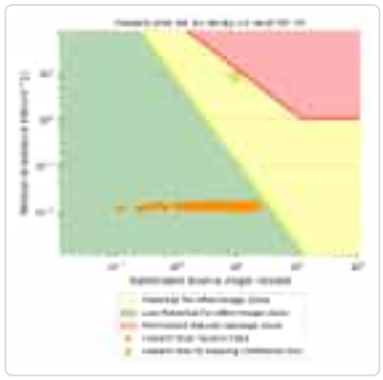
PV array 14: OP 44

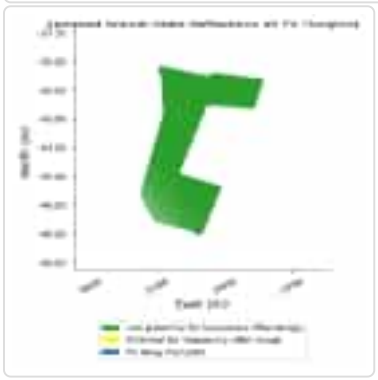
PV array is expected to produce the following glare for this receptor:

- 529 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





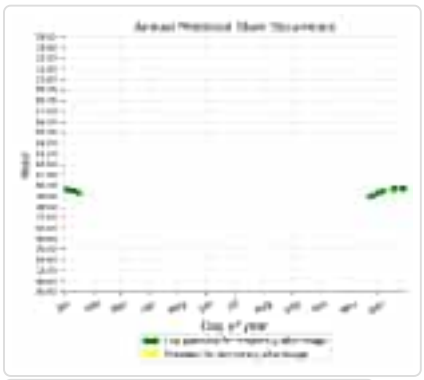


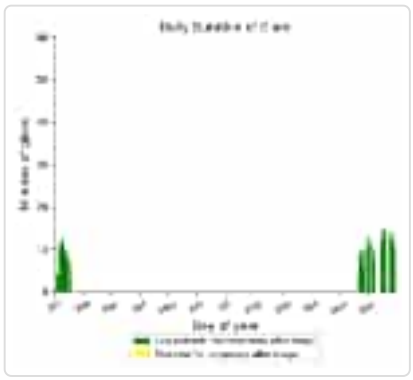


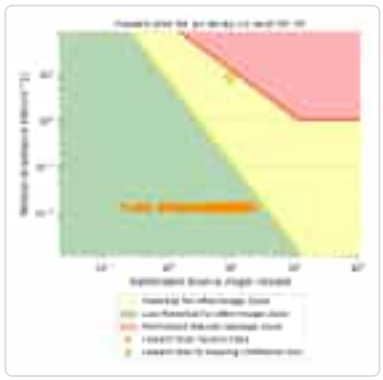
PV array 14: OP 45

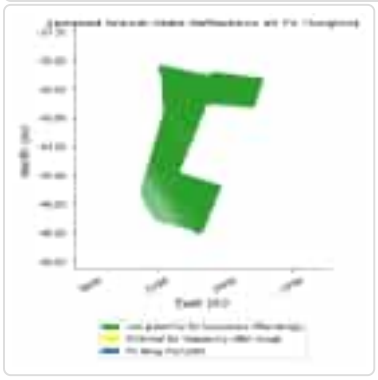
PV array is expected to produce the following glare for this receptor:

- 429 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





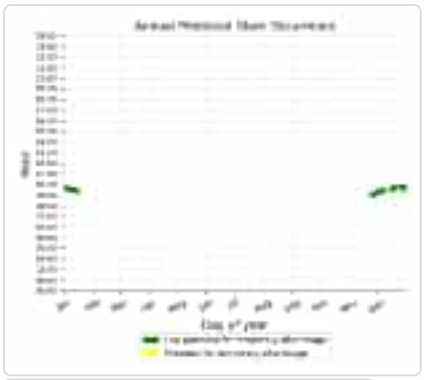


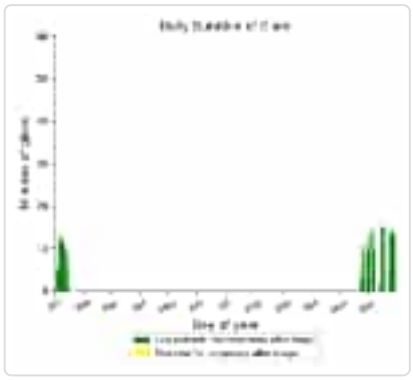


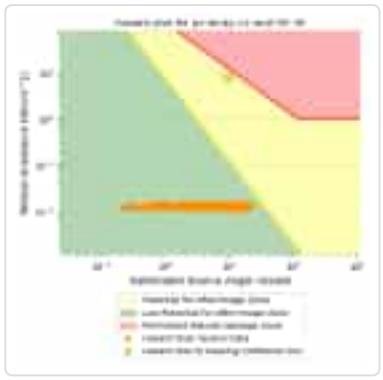
PV array 14: OP 46

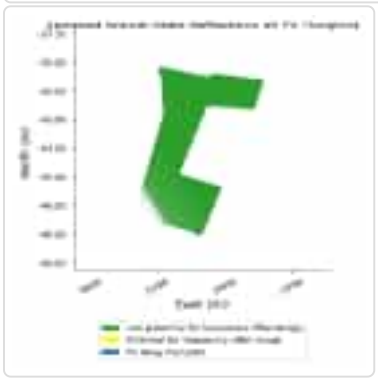
PV array is expected to produce the following glare for this receptor:

- 390 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





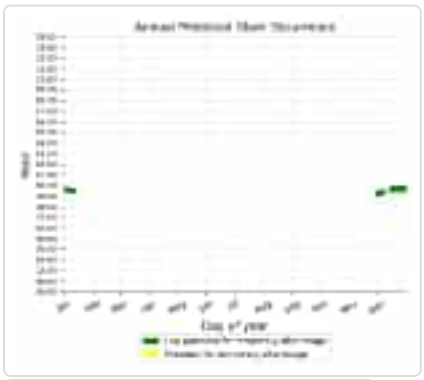


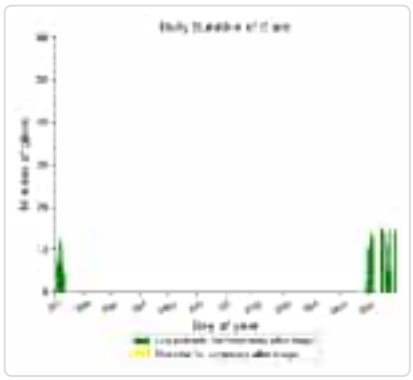


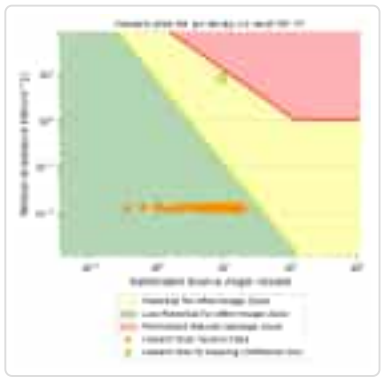
PV array 14: OP 47

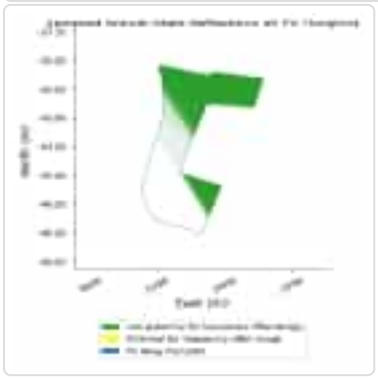
PV array is expected to produce the following glare for this receptor:

- 344 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





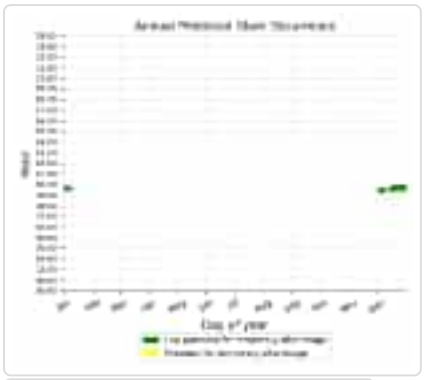


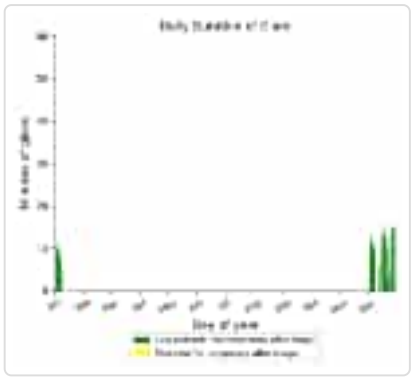


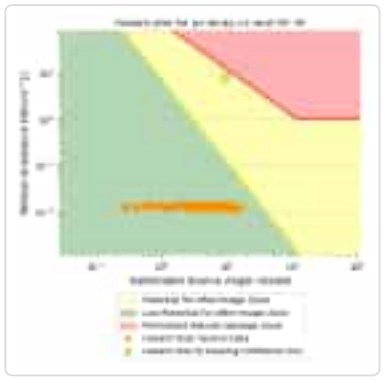
PV array 14: OP 48

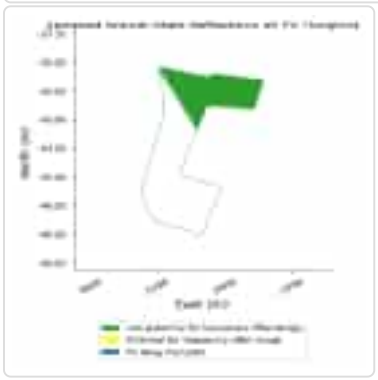
PV array is expected to produce the following glare for this receptor:

- 284 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





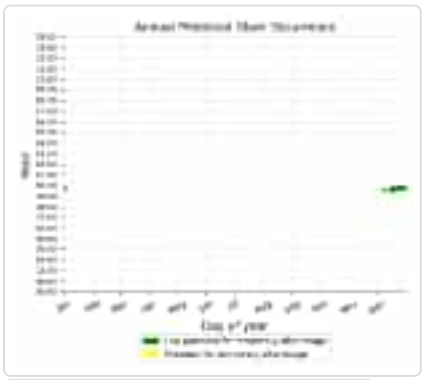


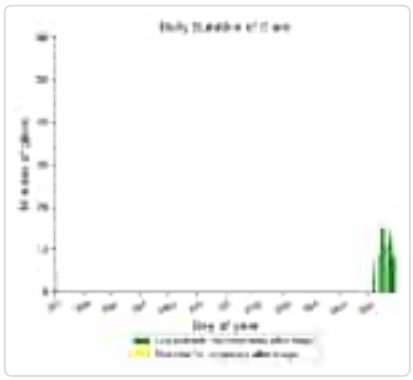


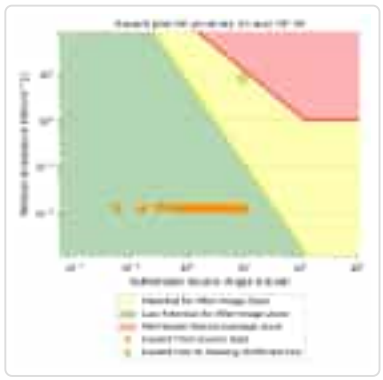
PV array 14: OP 49

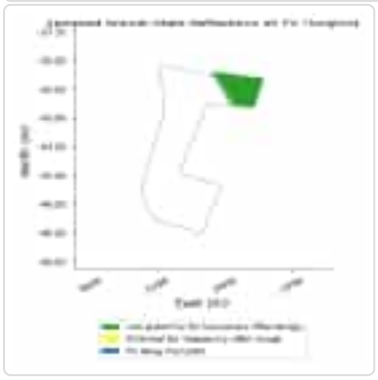
PV array is expected to produce the following glare for this receptor:

- 176 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





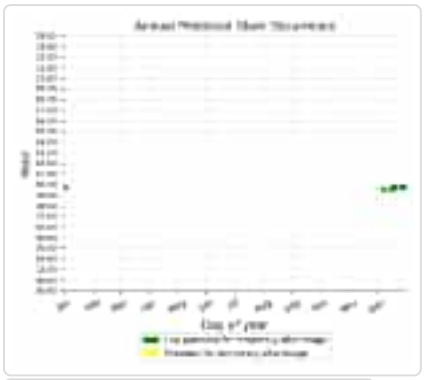


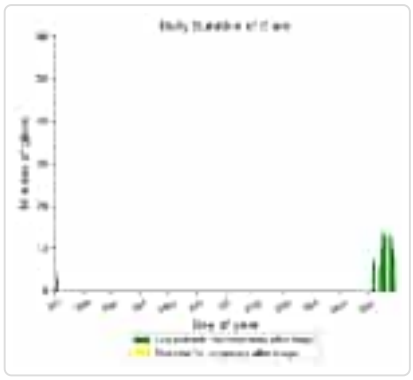


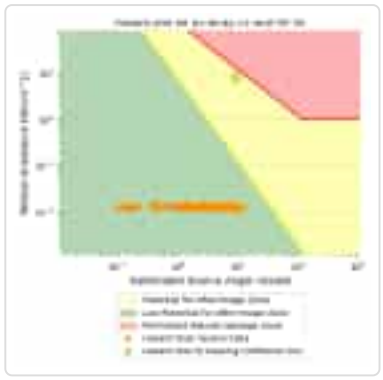
PV array 14: OP 50

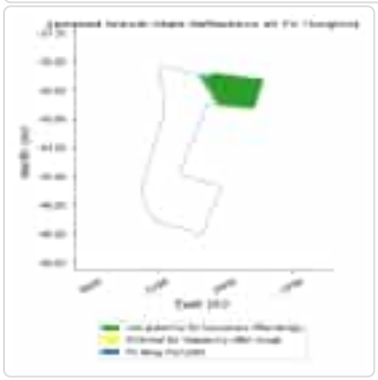
PV array is expected to produce the following glare for this receptor:

- 161 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





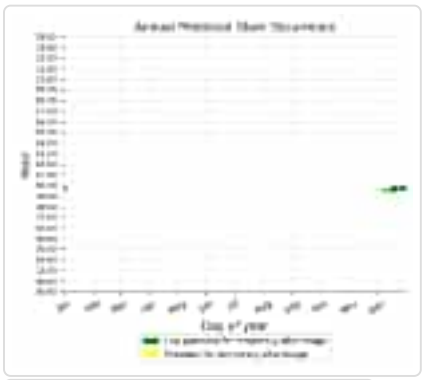


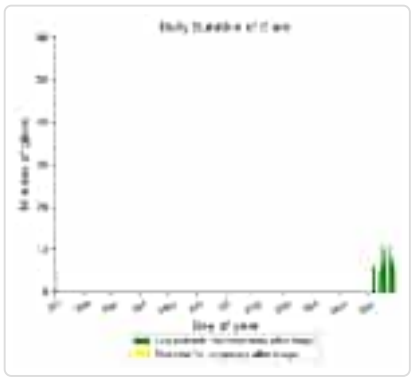


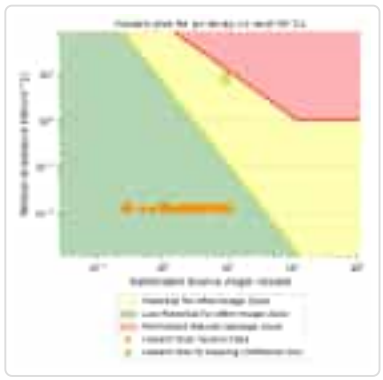
PV array 14: OP 51

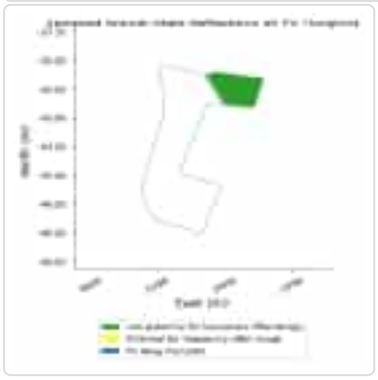
PV array is expected to produce the following glare for this receptor:

- 117 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





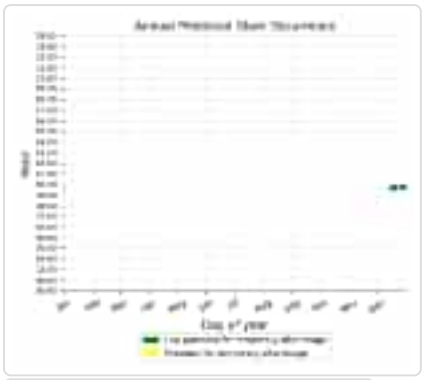


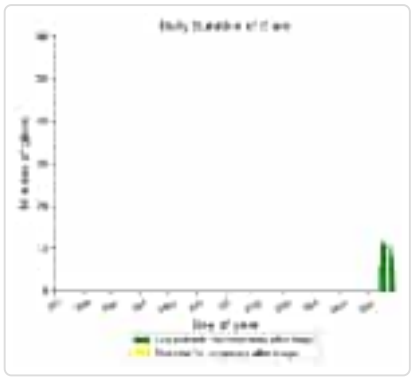


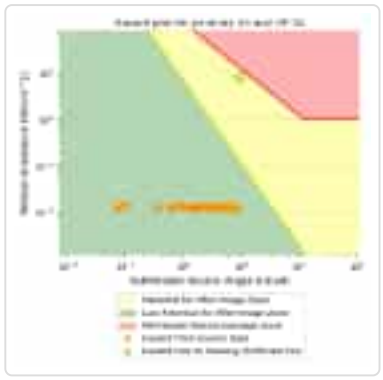
PV array 14: OP 52

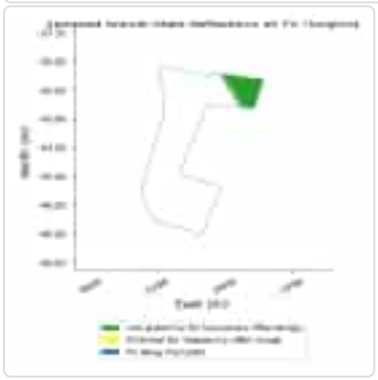
PV array is expected to produce the following glare for this receptor:

- 107 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





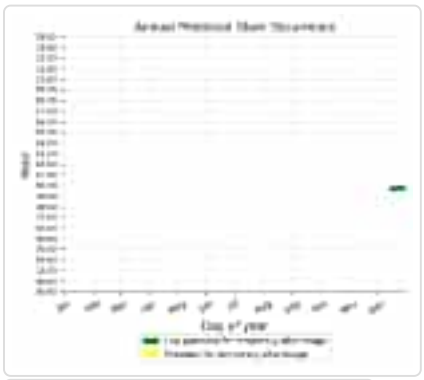


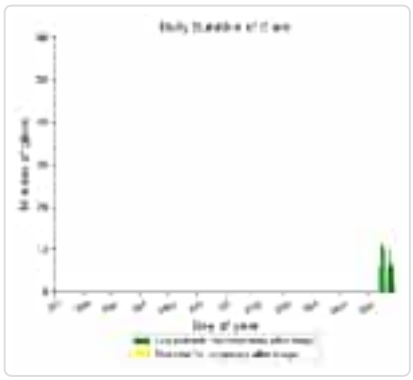


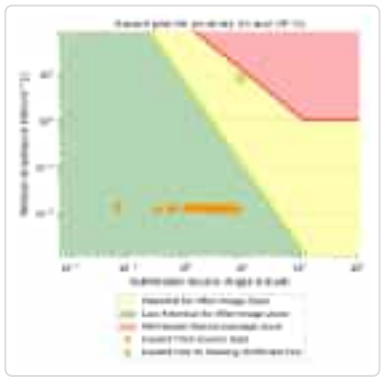
PV array 14: OP 53

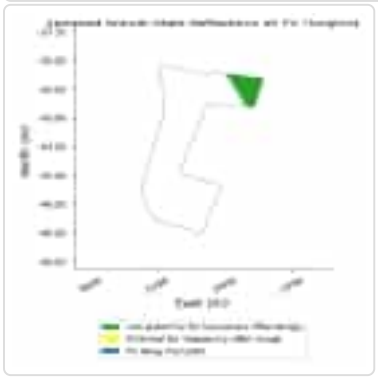
PV array is expected to produce the following glare for this receptor:

- 84 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14: OP 54

No glare found

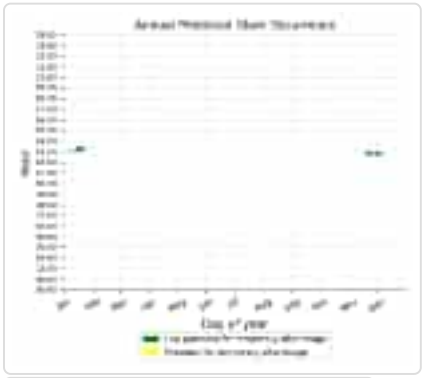
PV array 14: OP 55

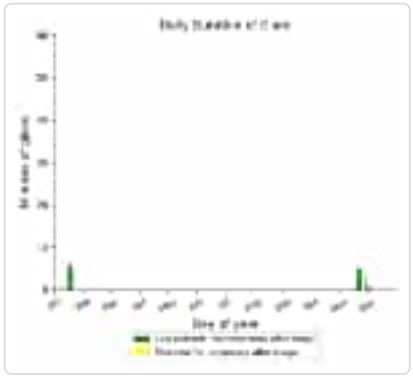
No glare found

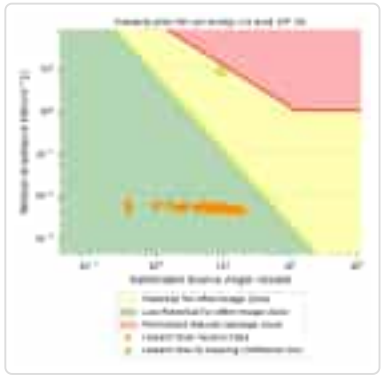
PV array 14: OP 56

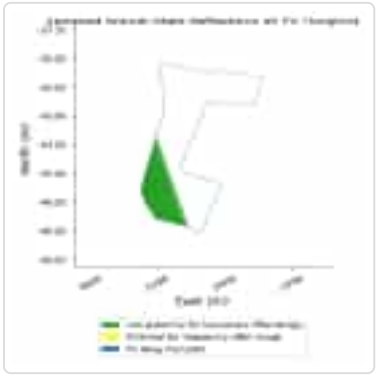
PV array is expected to produce the following glare for this receptor:

- 70 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





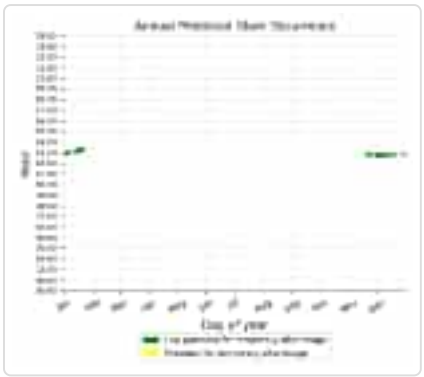


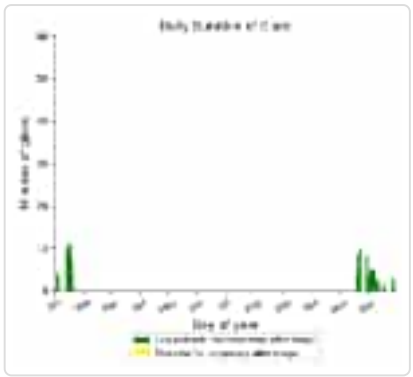


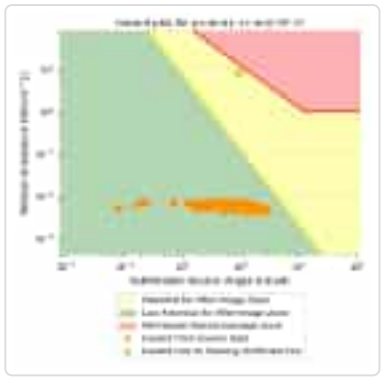
PV array 14: OP 57

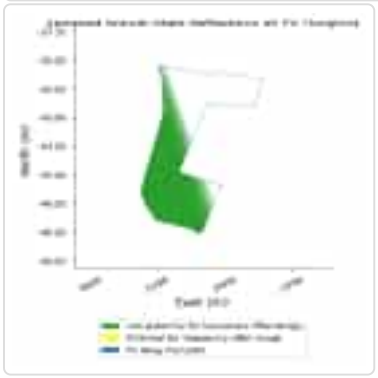
PV array is expected to produce the following glare for this receptor:

- 206 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





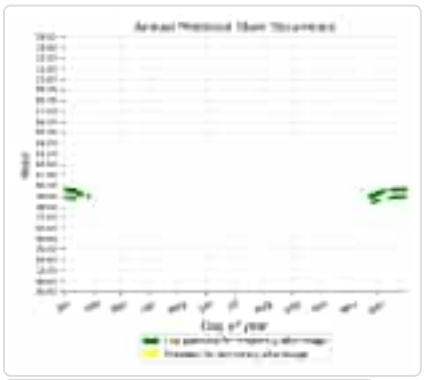


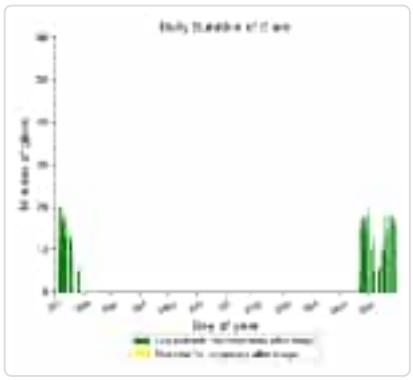


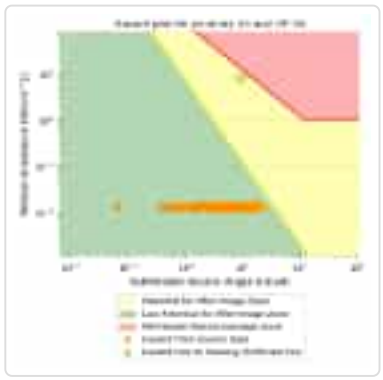
PV array 14: OP 58

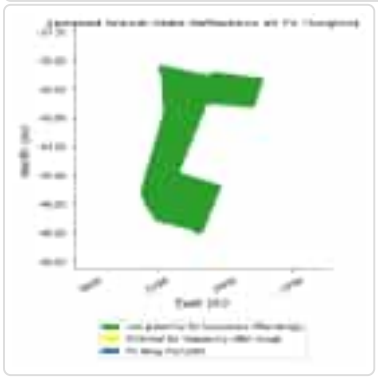
PV array is expected to produce the following glare for this receptor:

- 611 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





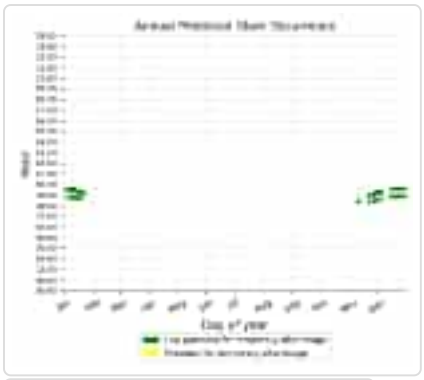


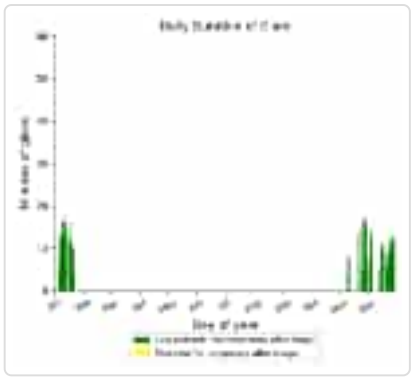


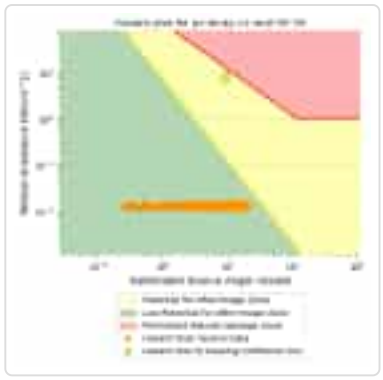
PV array 14: OP 59

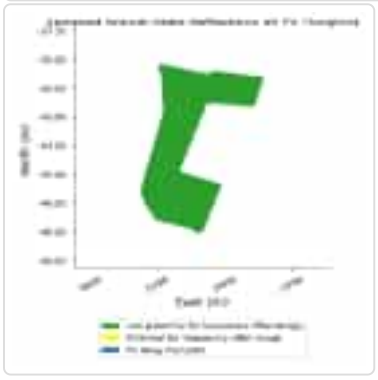
PV array is expected to produce the following glare for this receptor:

- 529 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





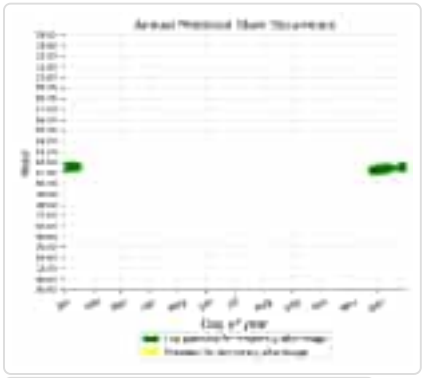


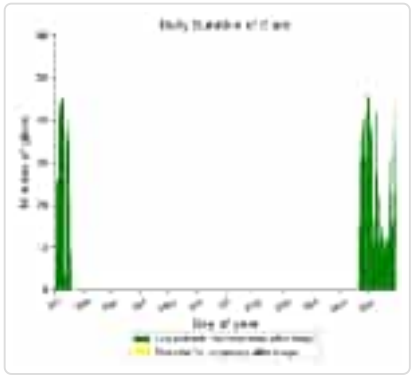


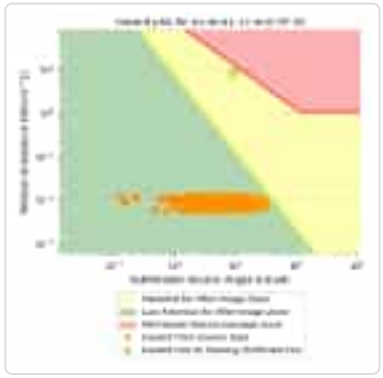
PV array 14: OP 60

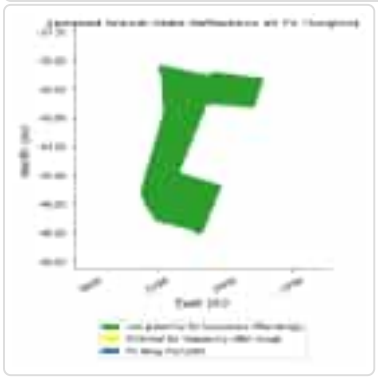
PV array is expected to produce the following glare for this receptor:

- 1,566 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





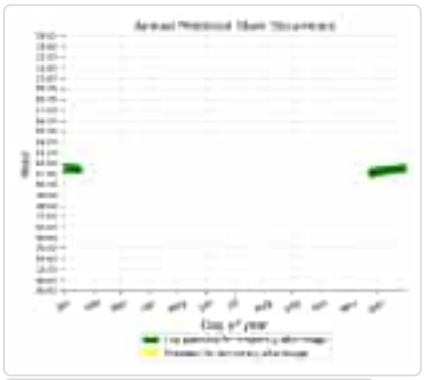


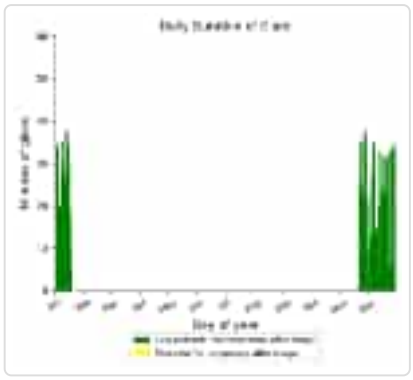


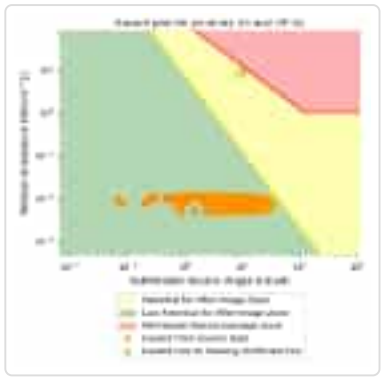
PV array 14: OP 61

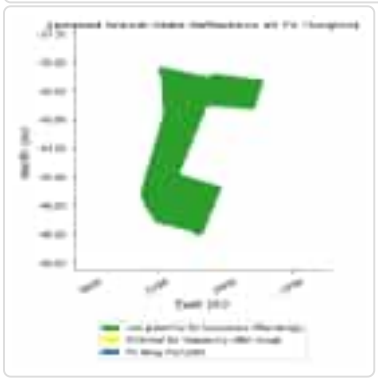
PV array is expected to produce the following glare for this receptor:

- 1,662 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





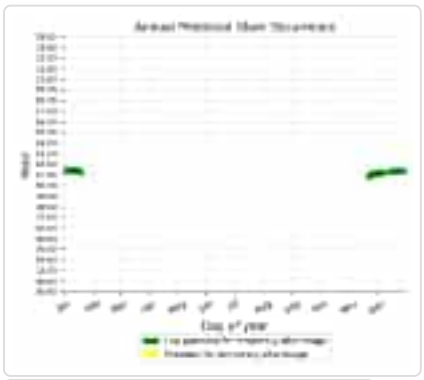


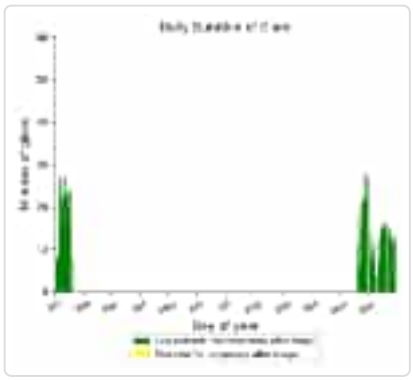


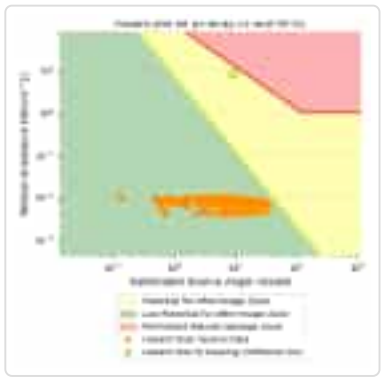
PV array 14: OP 62

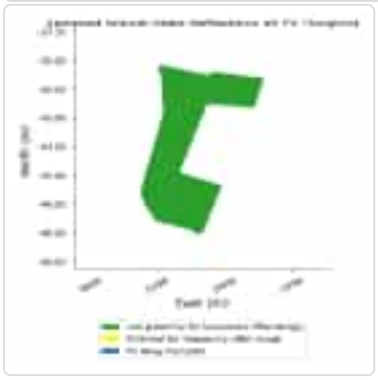
PV array is expected to produce the following glare for this receptor:

- 910 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





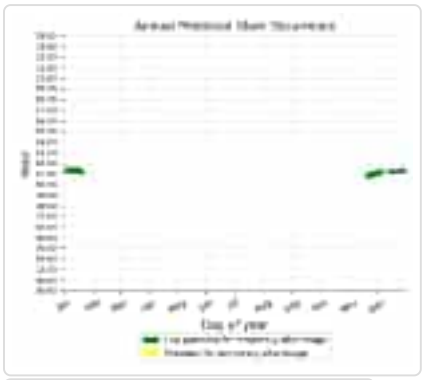


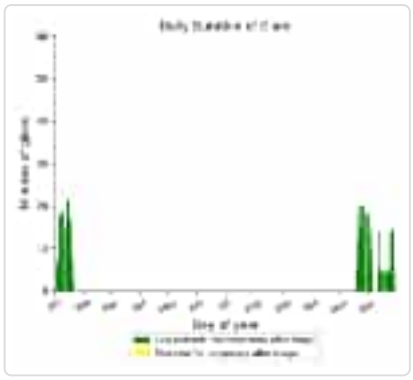


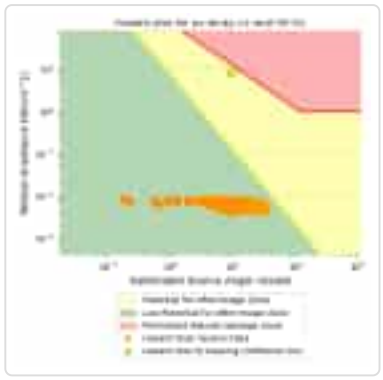
PV array 14: OP 63

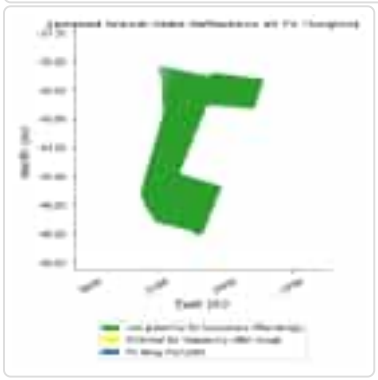
PV array is expected to produce the following glare for this receptor:

- 601 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





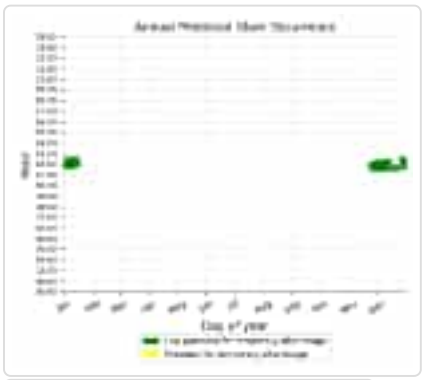


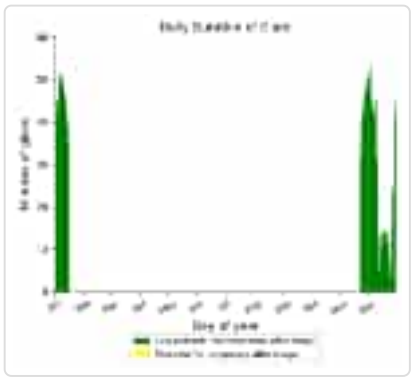


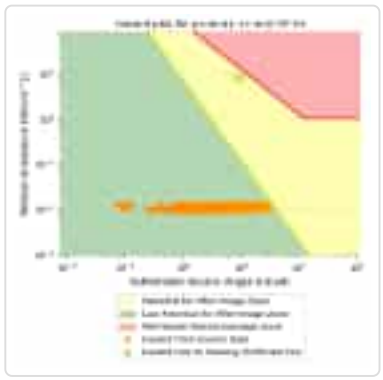
PV array 14: OP 64

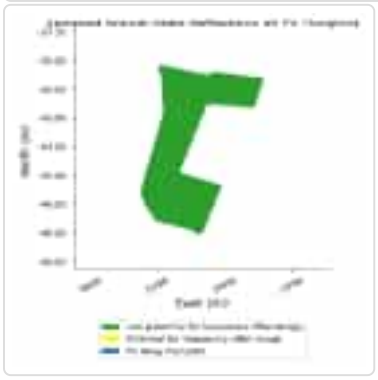
PV array is expected to produce the following glare for this receptor:

- 1,910 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





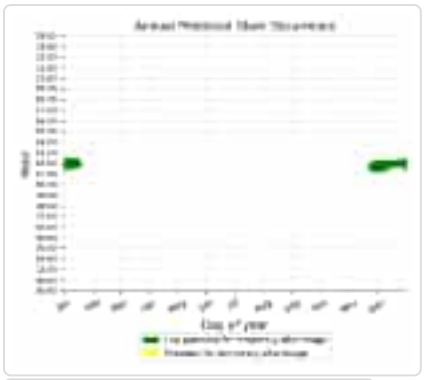


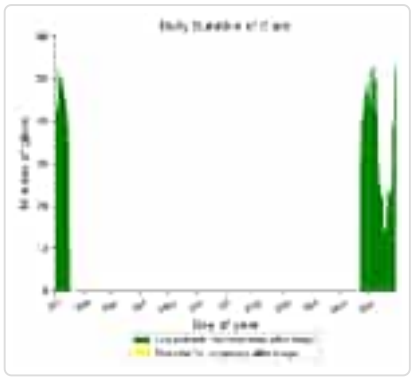


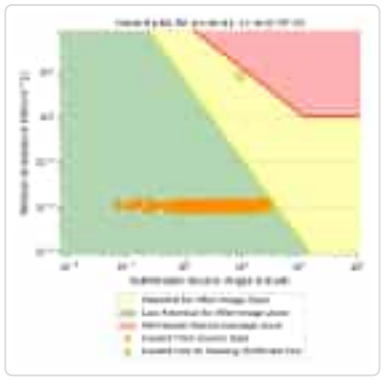
PV array 14: OP 65

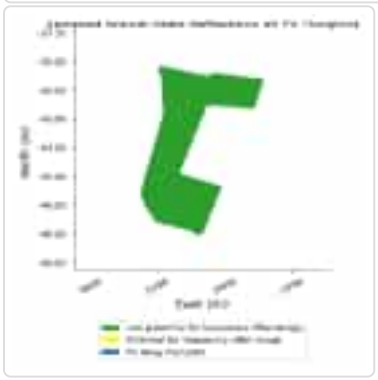
PV array is expected to produce the following glare for this receptor:

- 2,185 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





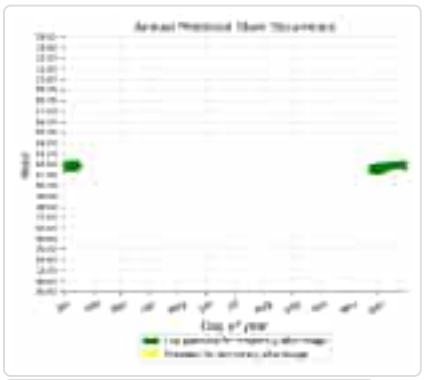


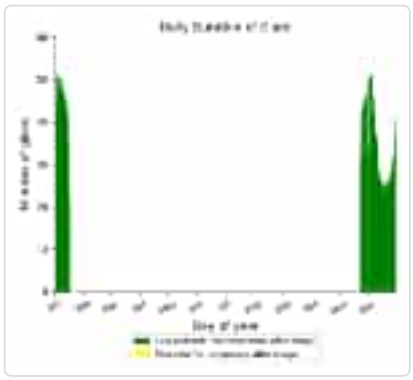


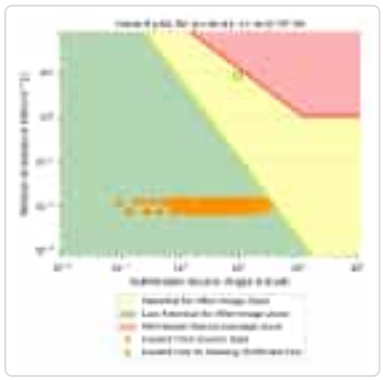
PV array 14: OP 66

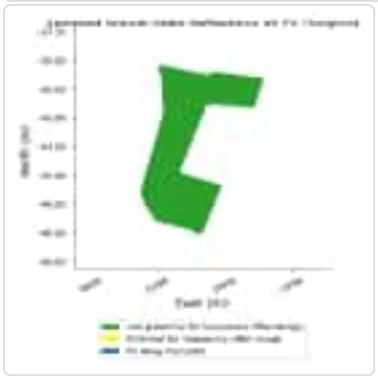
PV array is expected to produce the following glare for this receptor:

- 2,165 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





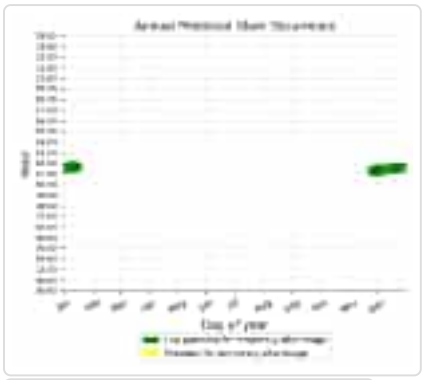


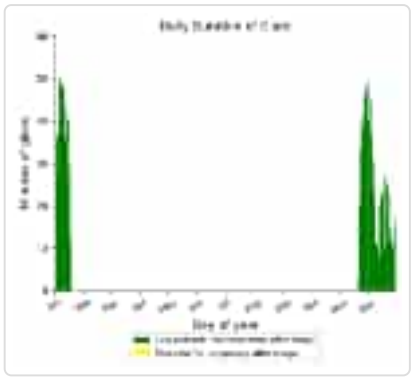


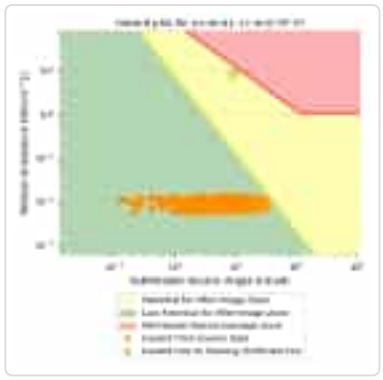
PV array 14: OP 67

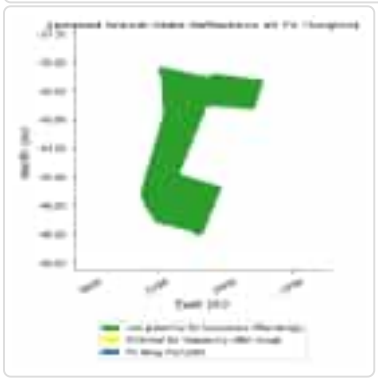
PV array is expected to produce the following glare for this receptor:

- 1,724 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





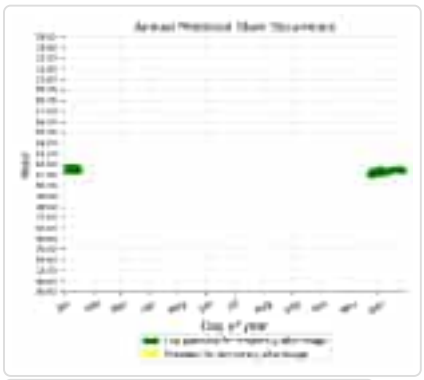


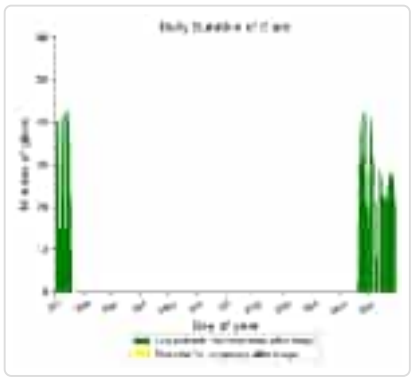


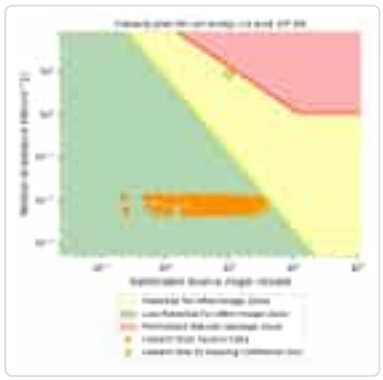
PV array 14: OP 68

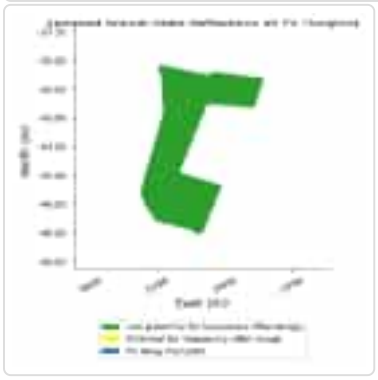
PV array is expected to produce the following glare for this receptor:

- 1,641 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





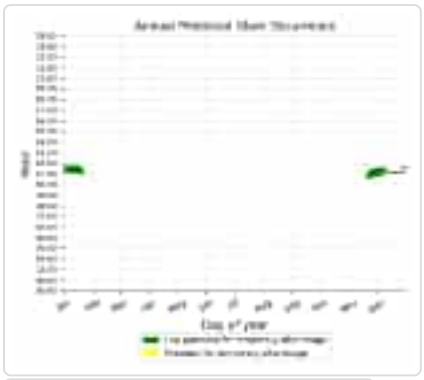


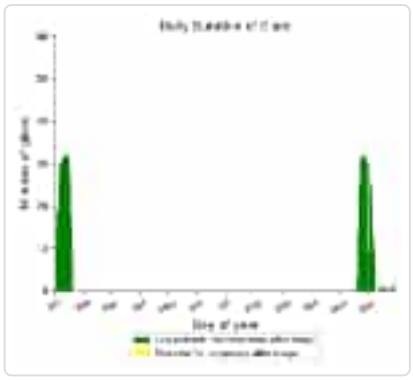


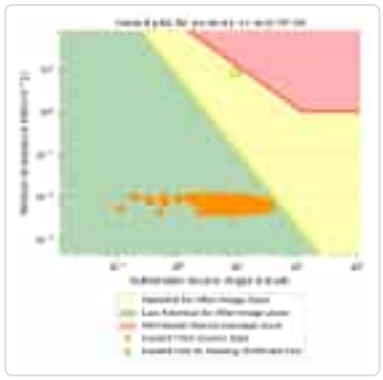
PV array 14: OP 69

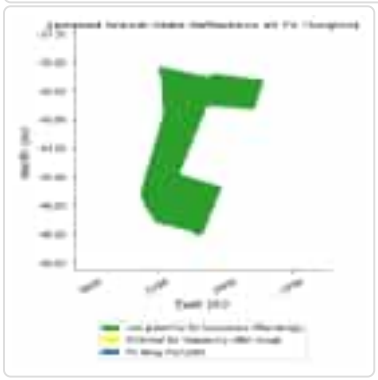
PV array is expected to produce the following glare for this receptor:

- 959 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





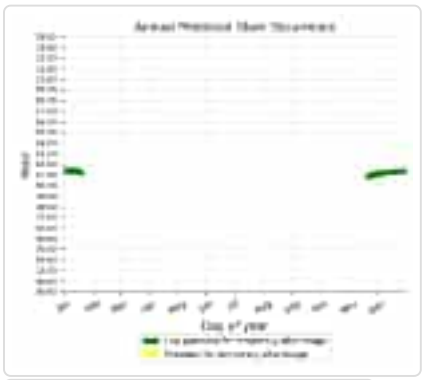


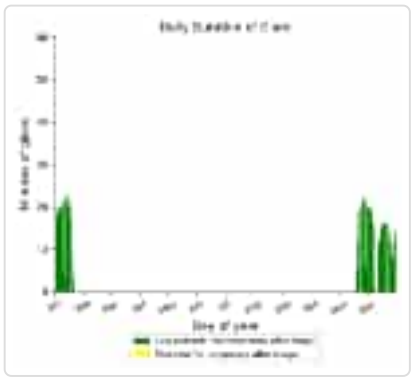


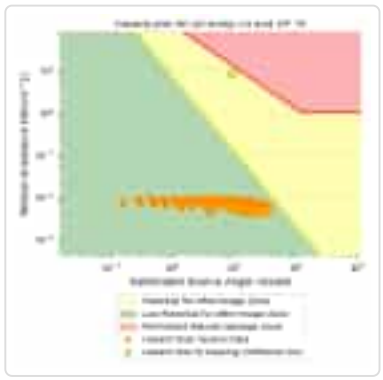
PV array 14: OP 70

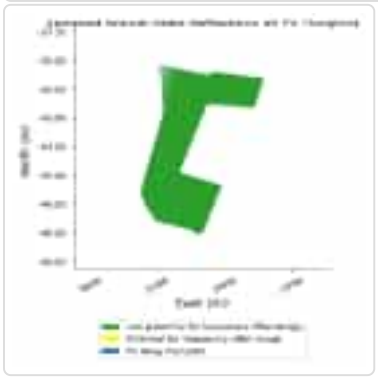
PV array is expected to produce the following glare for this receptor:

- 905 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





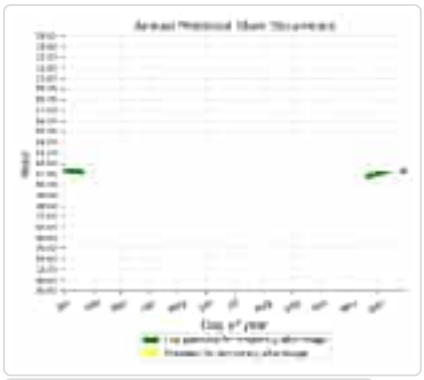


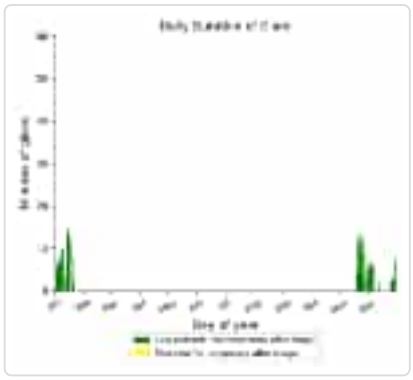


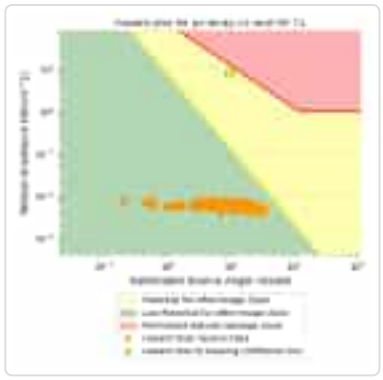
PV array 14: OP 71

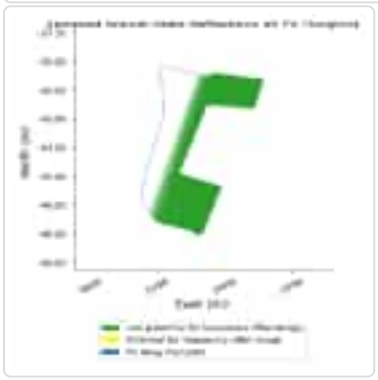
PV array is expected to produce the following glare for this receptor:

- 320 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





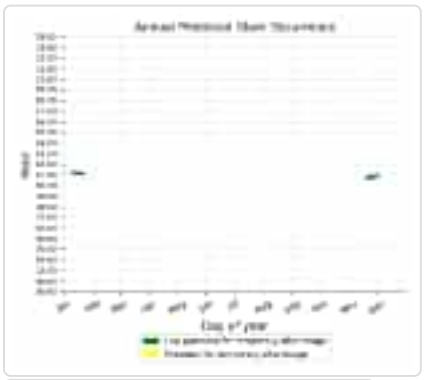


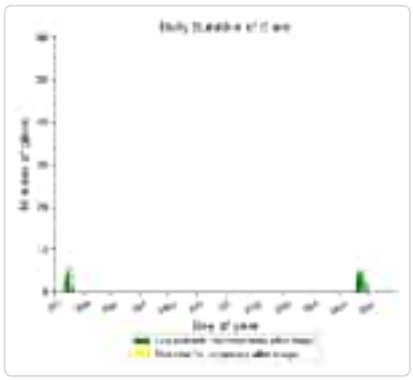


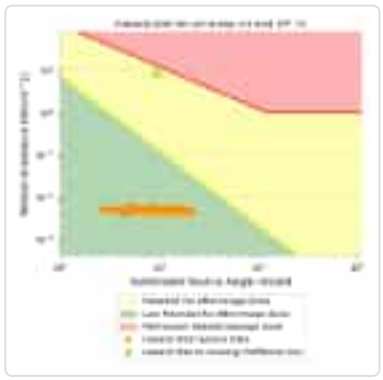
PV array 14: OP 72

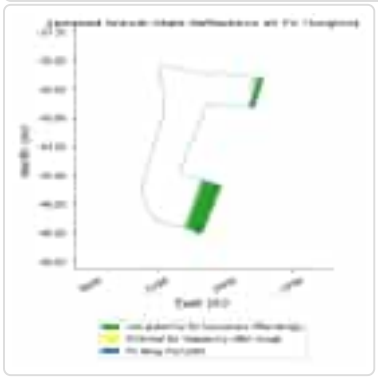
PV array is expected to produce the following glare for this receptor:

- 74 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





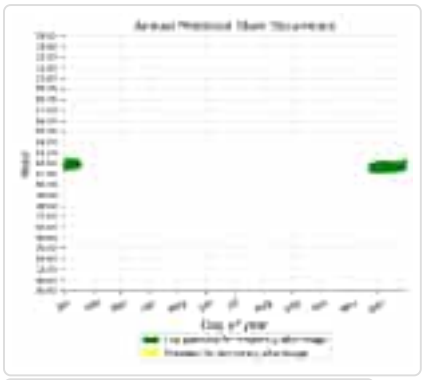


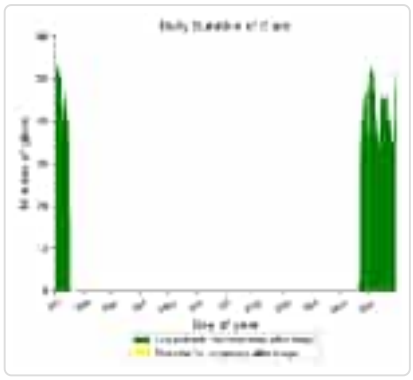


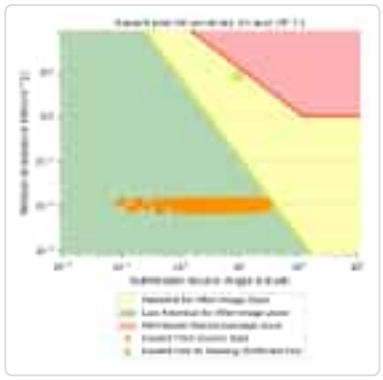
PV array 14: OP 73

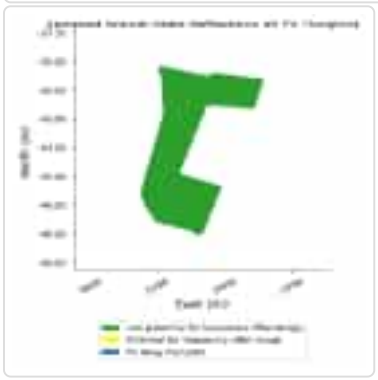
PV array is expected to produce the following glare for this receptor:

- 2,452 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





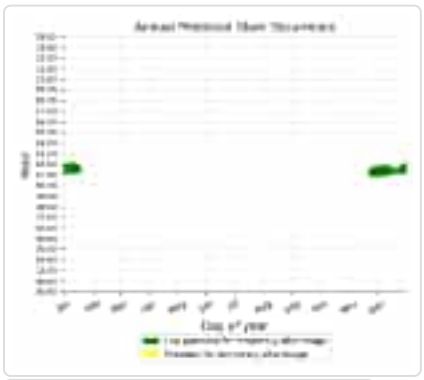


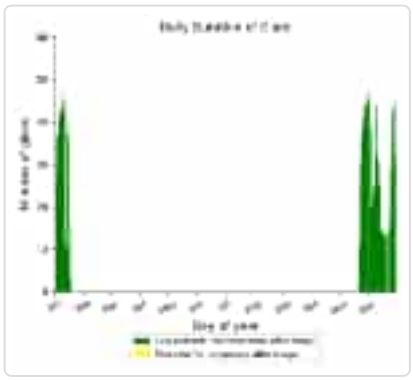


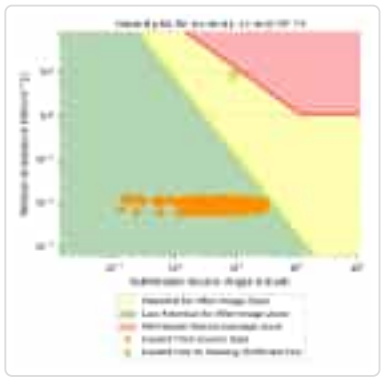
PV array 14: OP 74

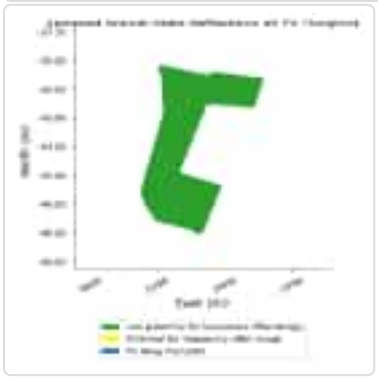
PV array is expected to produce the following glare for this receptor:

- 1,757 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





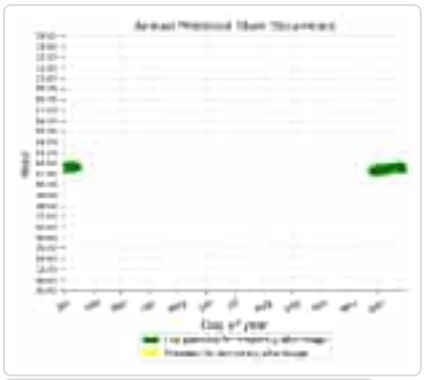


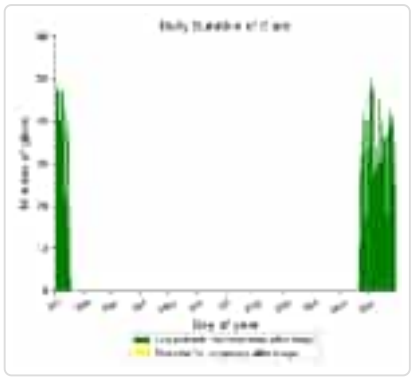


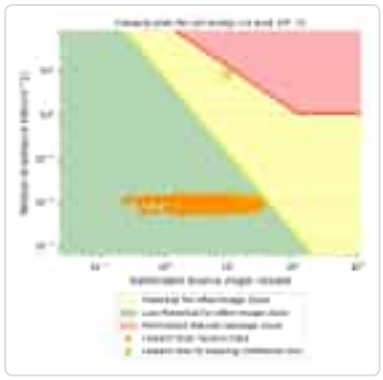
PV array 14: OP 75

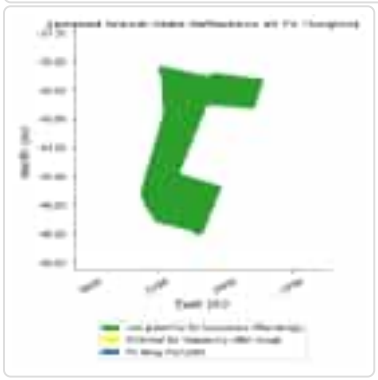
PV array is expected to produce the following glare for this receptor:

- 2,106 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





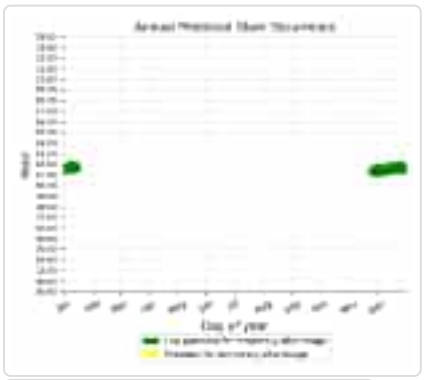


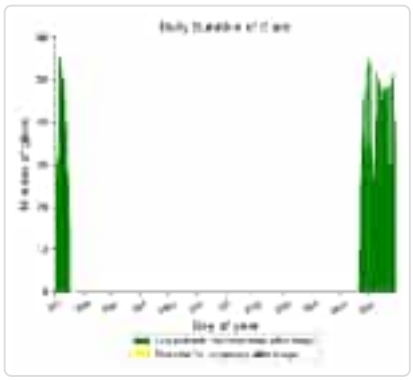


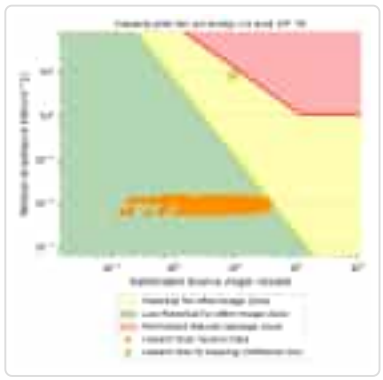
PV array 14: OP 76

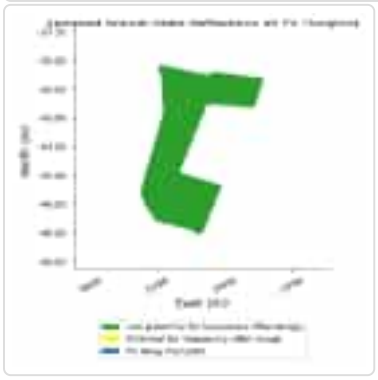
PV array is expected to produce the following glare for this receptor:

- 2,356 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





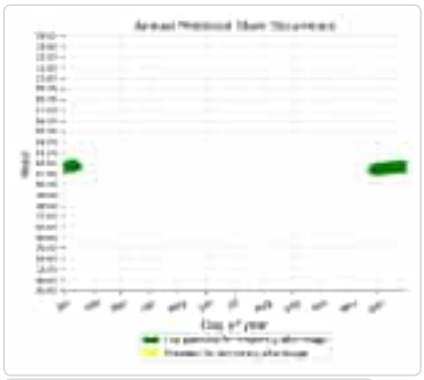


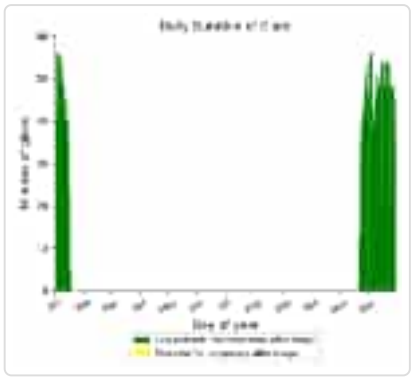


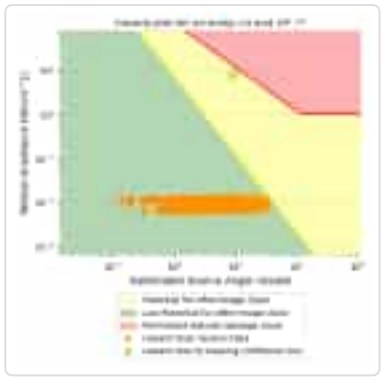
PV array 14: OP 77

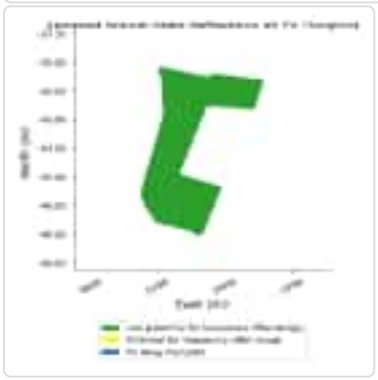
PV array is expected to produce the following glare for this receptor:

- 2,618 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





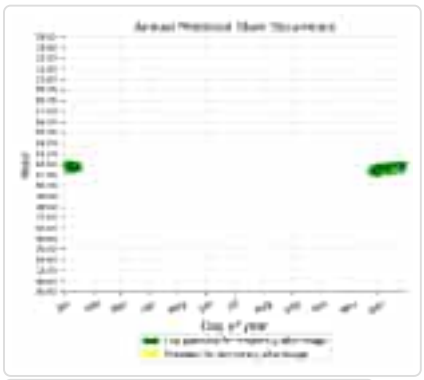


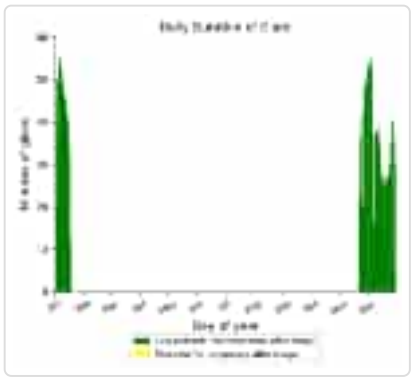


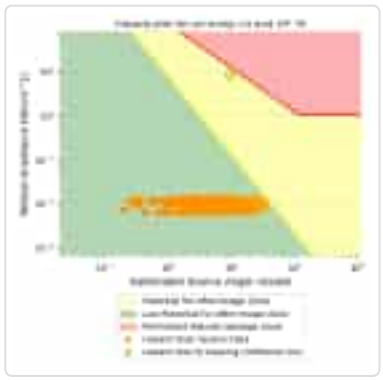
PV array 14: OP 78

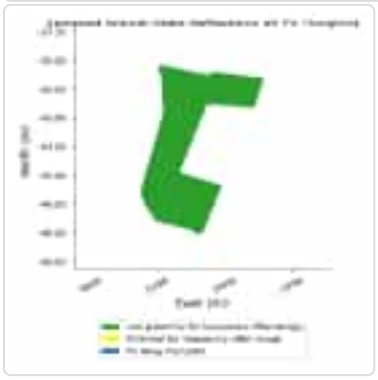
PV array is expected to produce the following glare for this receptor:

- 2,150 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





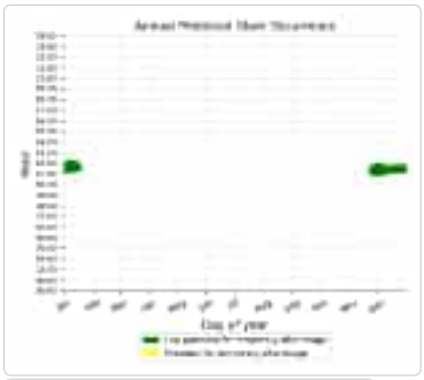


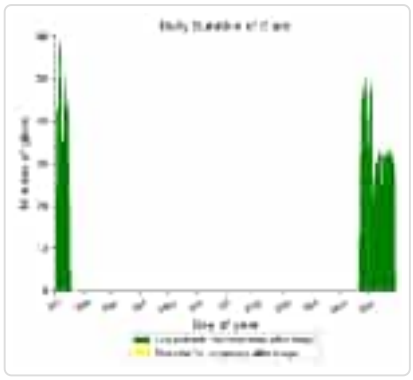


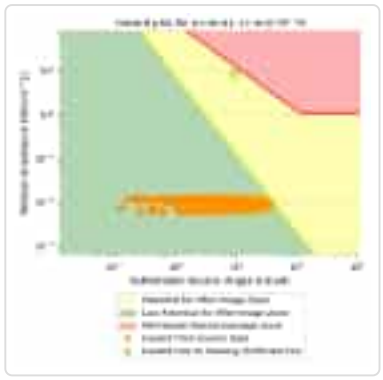
PV array 14: OP 79

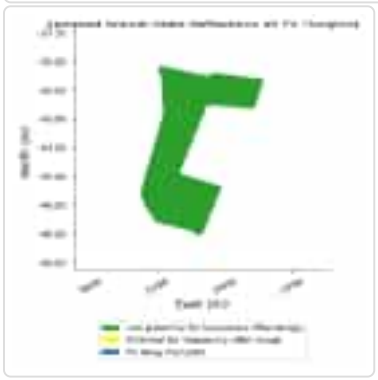
PV array is expected to produce the following glare for this receptor:

- 2,034 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





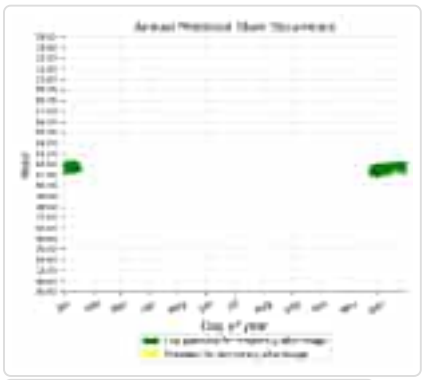


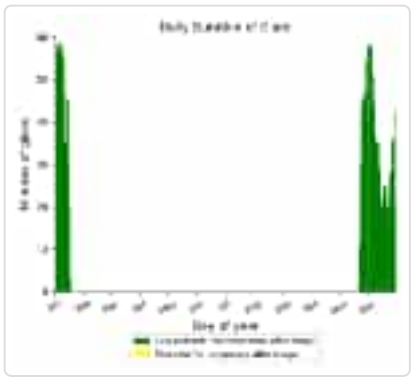


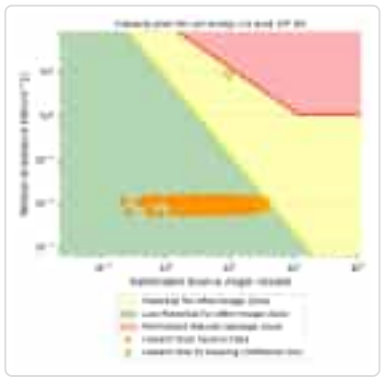
PV array 14: OP 80

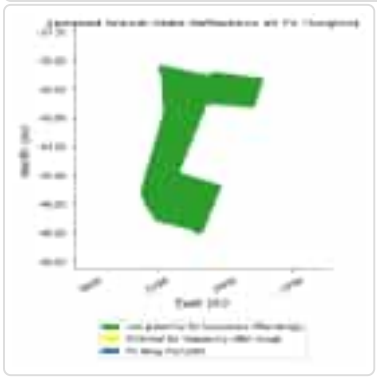
PV array is expected to produce the following glare for this receptor:

- 2,293 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	286	0
OP: OP 2	175	0
OP: OP 3	114	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0

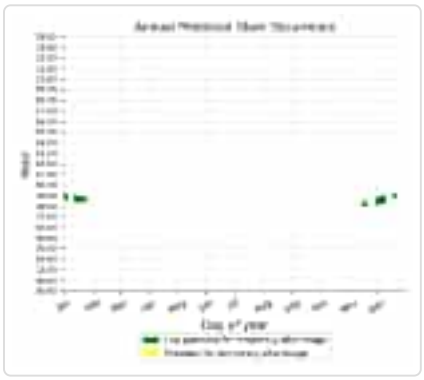
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	230	0
OP: OP 31	193	0
OP: OP 32	149	0
OP: OP 33	105	0
OP: OP 34	59	0
OP: OP 35	29	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	138	0
OP: OP 39	109	0
OP: OP 40	109	0
OP: OP 41	81	0
OP: OP 42	31	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	43	0
OP: OP 59	72	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

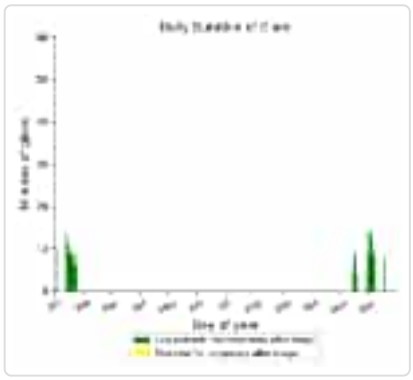
OP: OP 80	0	0

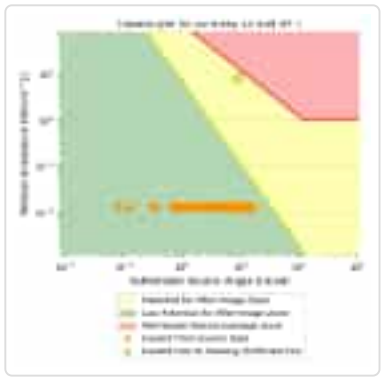
PV array 15: OP 1

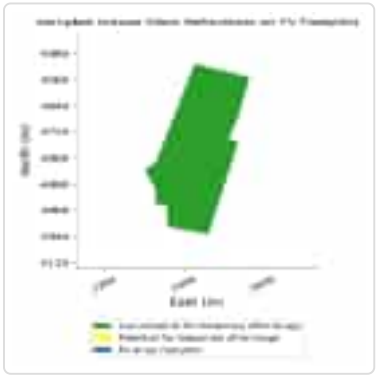
PV array is expected to produce the following glare for this receptor:

- 286 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





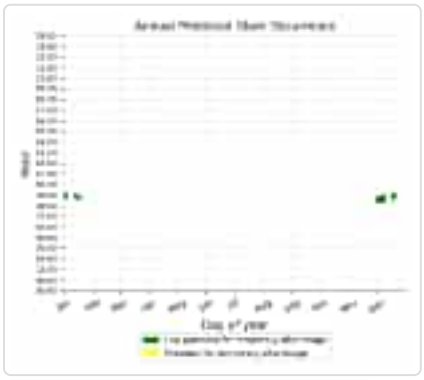


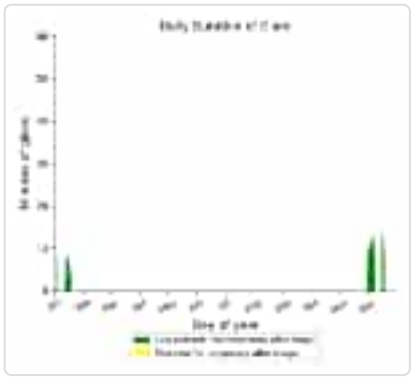


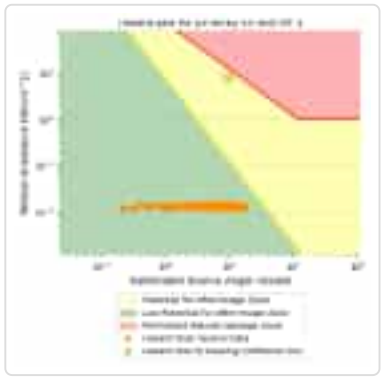
PV array 15: OP 2

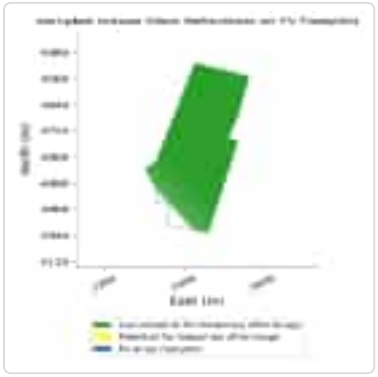
PV array is expected to produce the following glare for this receptor:

- 175 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





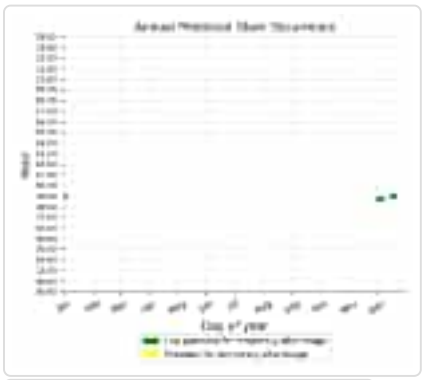


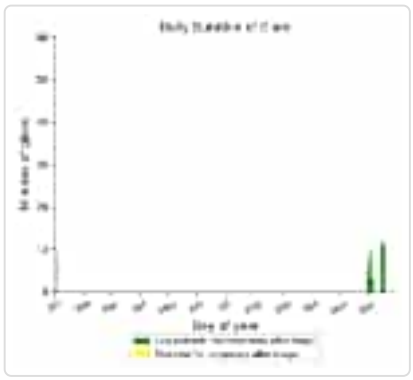


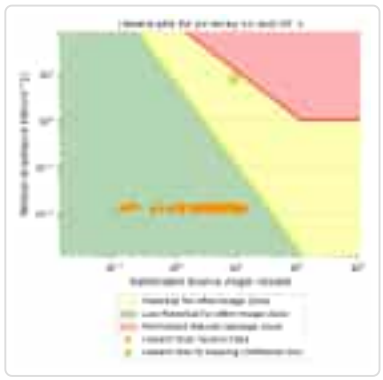
PV array 15: OP 3

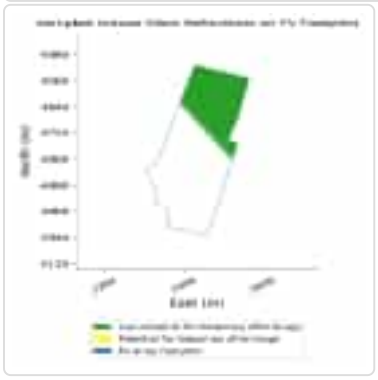
PV array is expected to produce the following glare for this receptor:

- 114 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 4

No glare found

PV array 15: OP 5

No glare found

PV array 15: OP 6

No glare found

PV array 15: OP 7

No glare found

PV array 15: OP 8

No glare found

PV array 15: OP 9

No glare found

PV array 15: OP 10

No glare found

PV array 15: OP 11

No glare found

PV array 15: OP 12

No glare found

PV array 15: OP 13

No glare found

PV array 15: OP 14

No glare found

PV array 15: OP 15

No glare found

PV array 15: OP 16

No glare found

PV array 15: OP 17

No glare found

PV array 15: OP 18

No glare found

PV array 15: OP 19

No glare found

PV array 15: OP 20

No glare found

PV array 15: OP 21

No glare found

PV array 15: OP 22

No glare found

PV array 15: OP 23

No glare found

PV array 15: OP 24

No glare found

PV array 15: OP 25

No glare found

PV array 15: OP 26

No glare found

PV array 15: OP 27

No glare found

PV array 15: OP 28

No glare found

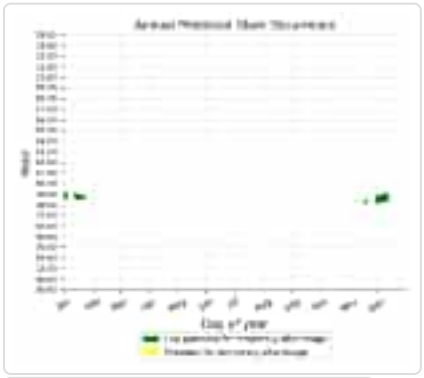
PV array 15: OP 29

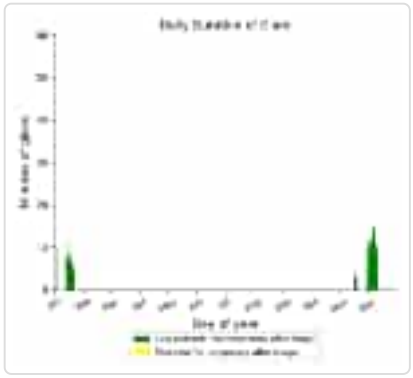
No glare found

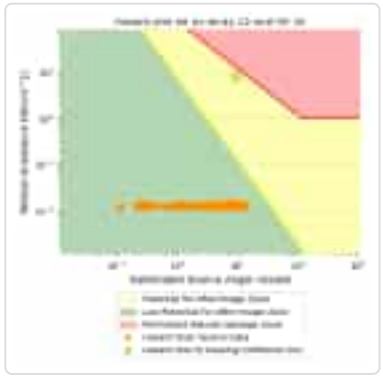
PV array 15: OP 30

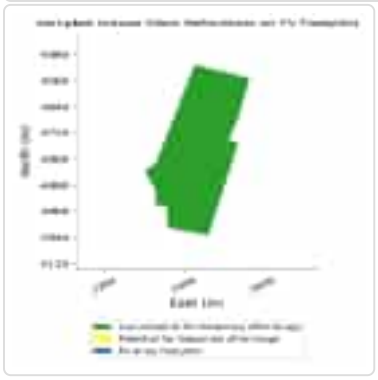
PV array is expected to produce the following glare for this receptor:

- 230 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





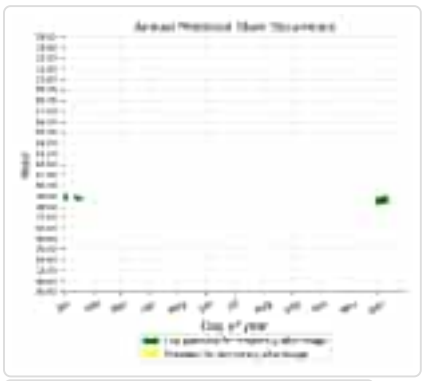


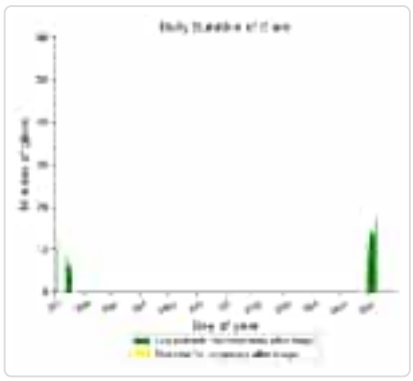


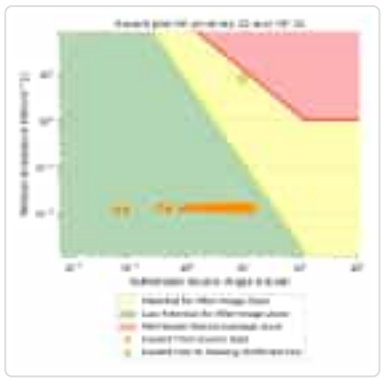
PV array 15: OP 31

PV array is expected to produce the following glare for this receptor:

- 193 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



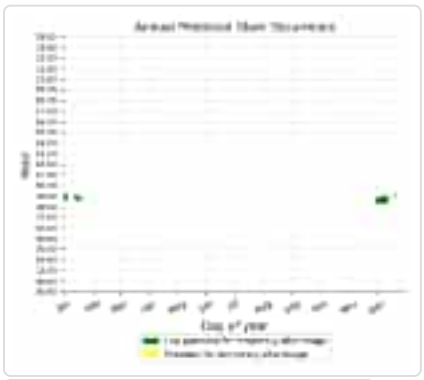


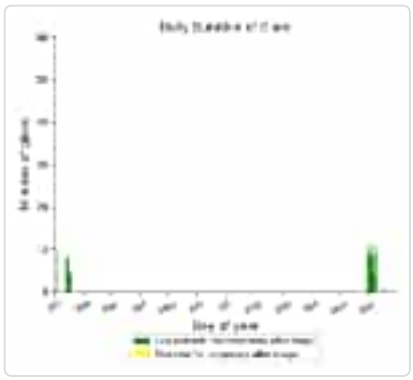


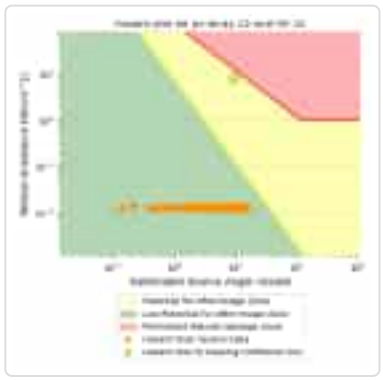
PV array 15: OP 32

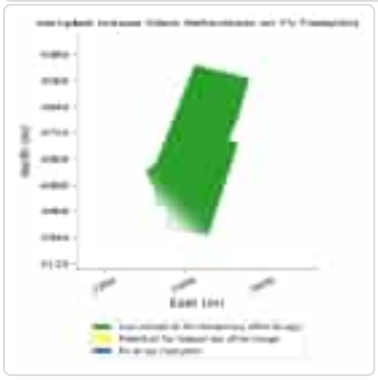
PV array is expected to produce the following glare for this receptor:

- 149 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





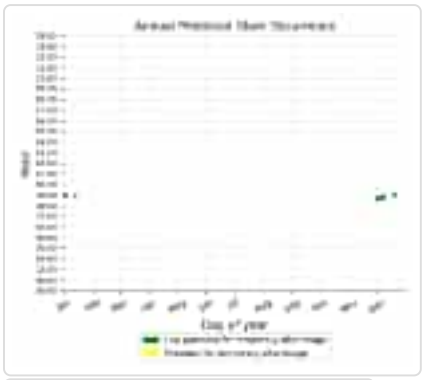


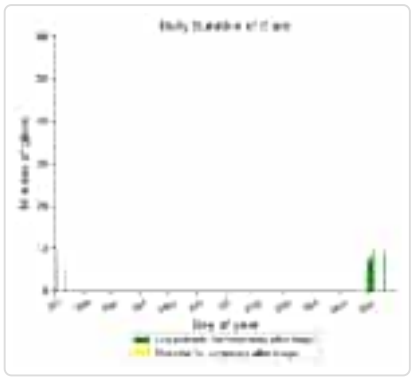


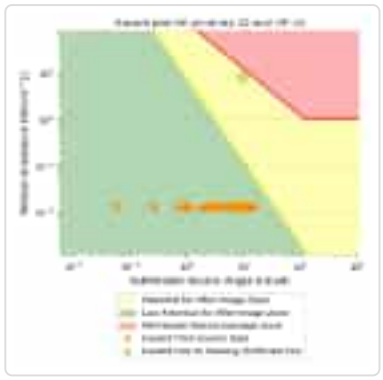
PV array 15: OP 33

PV array is expected to produce the following glare for this receptor:

- 105 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



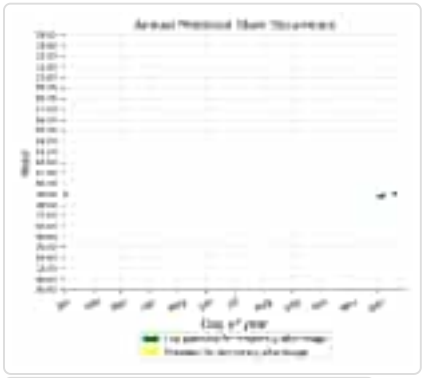


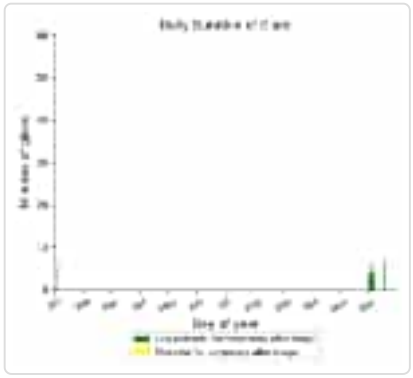


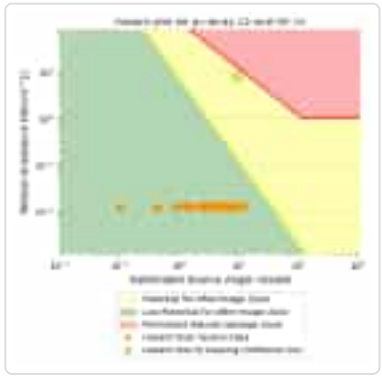
PV array 15: OP 34

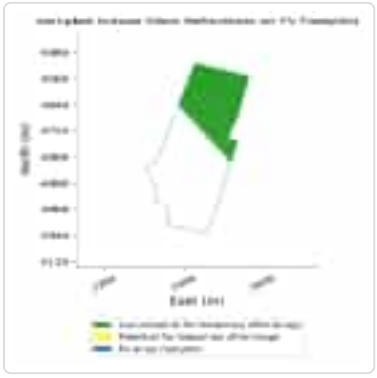
PV array is expected to produce the following glare for this receptor:

- 59 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





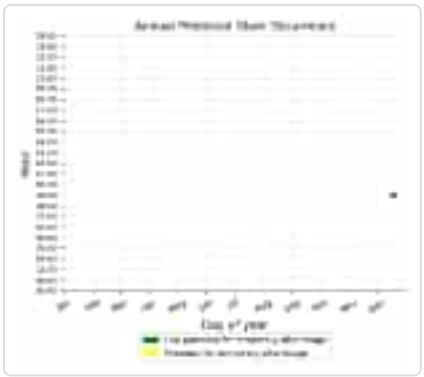


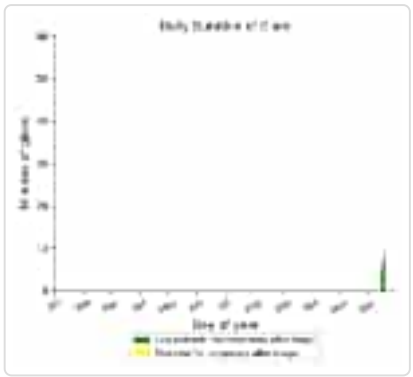


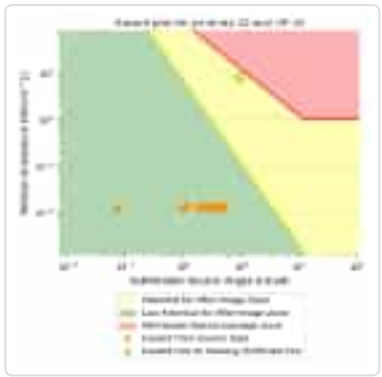
PV array 15: OP 35

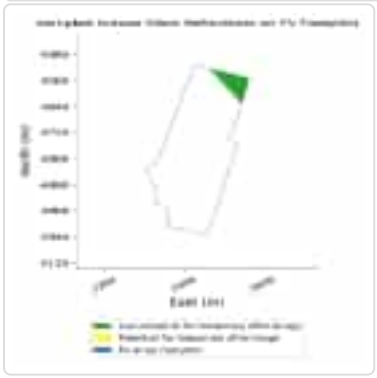
PV array is expected to produce the following glare for this receptor:

- 29 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 36

No glare found

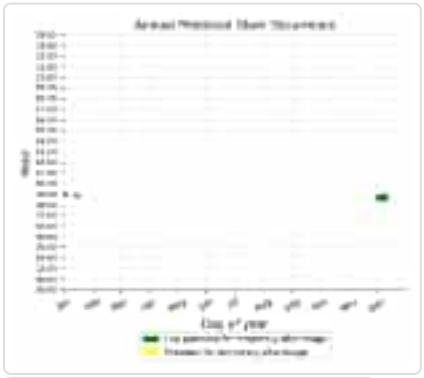
PV array 15: OP 37

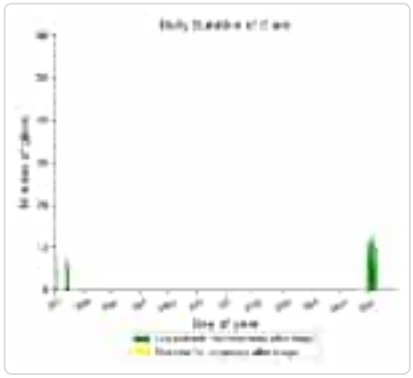
No glare found

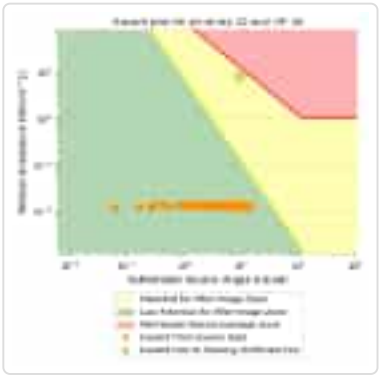
PV array 15: OP 38

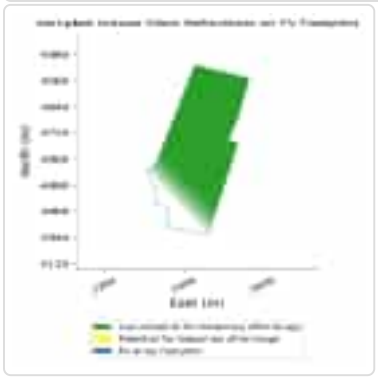
PV array is expected to produce the following glare for this receptor:

- 138 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





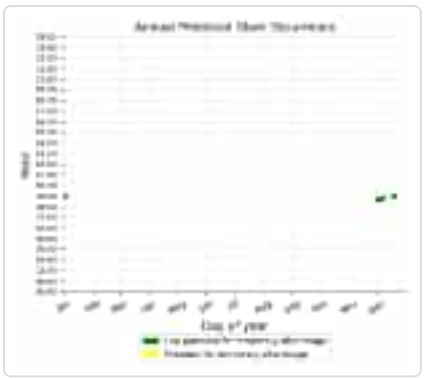


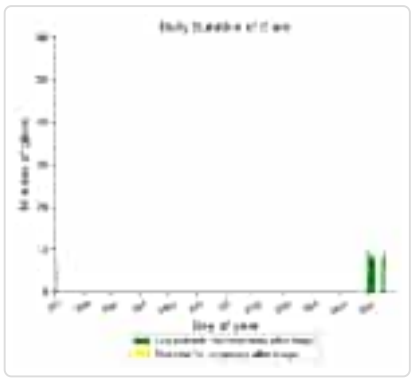


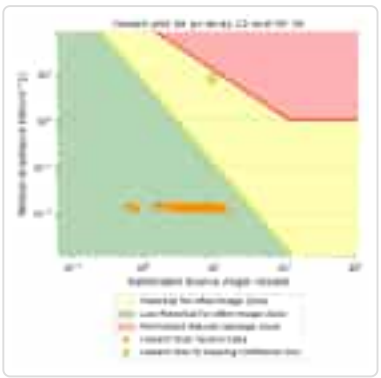
PV array 15: OP 39

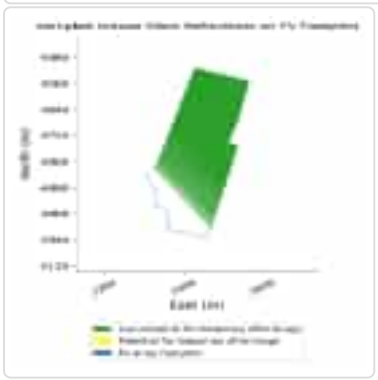
PV array is expected to produce the following glare for this receptor:

- 109 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





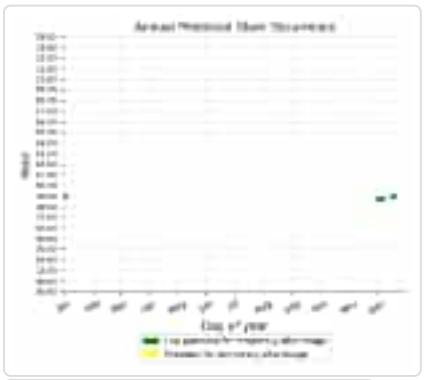


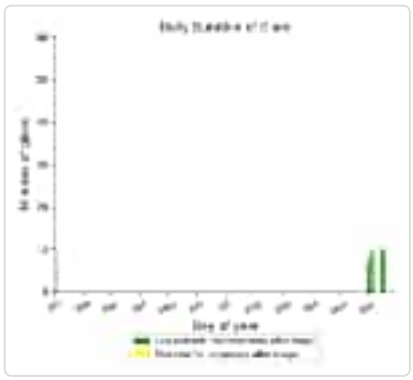


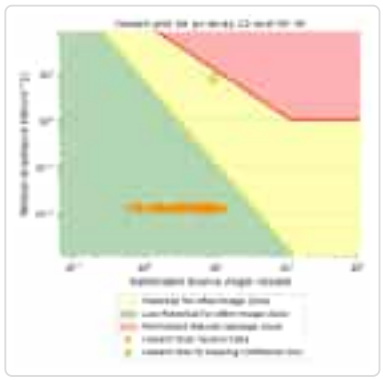
PV array 15: OP 40

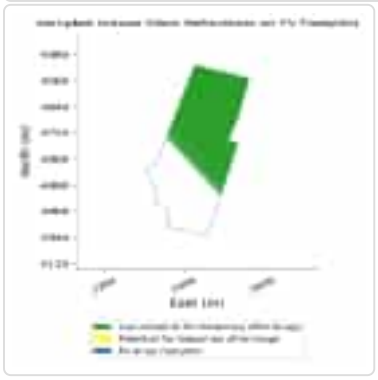
PV array is expected to produce the following glare for this receptor:

- 109 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





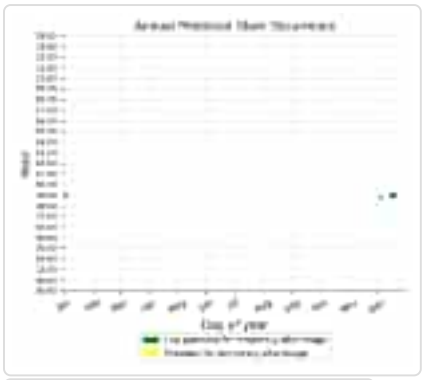


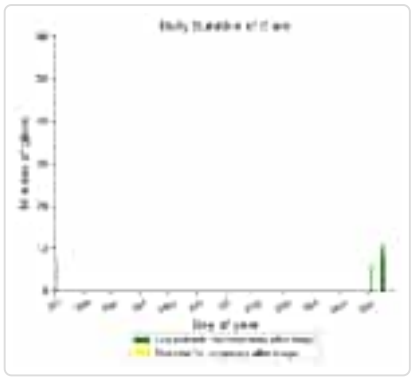


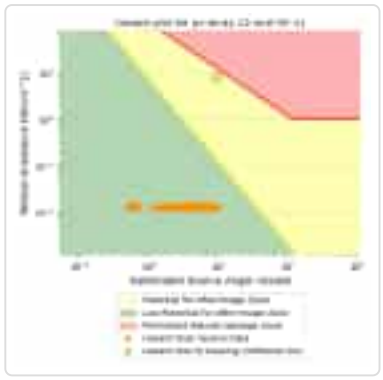
PV array 15: OP 41

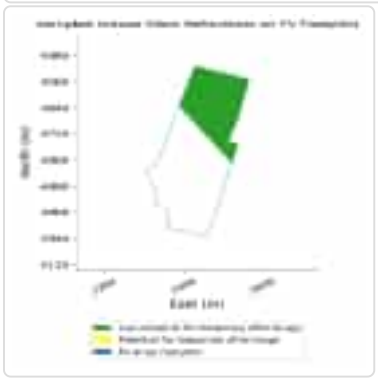
PV array is expected to produce the following glare for this receptor:

- 81 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





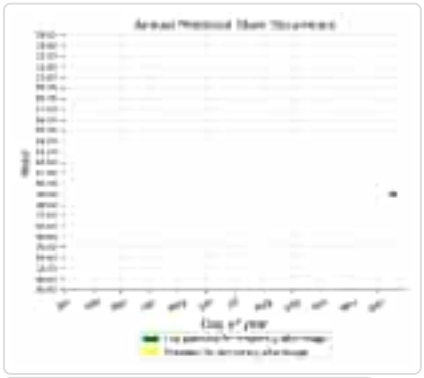


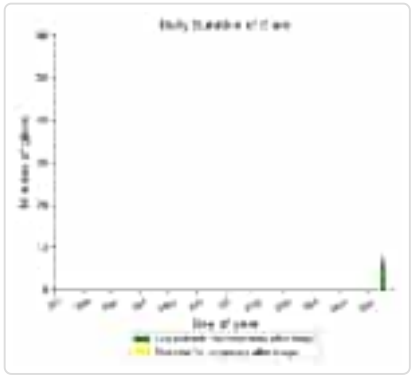


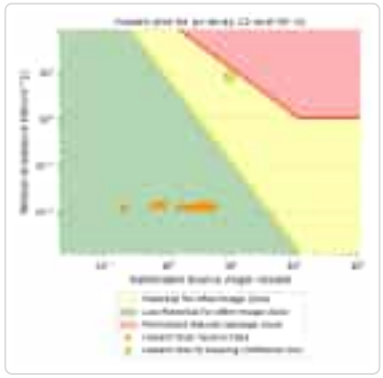
PV array 15: OP 42

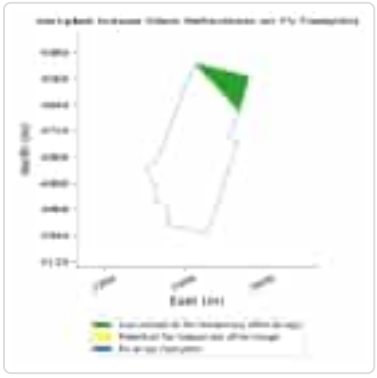
PV array is expected to produce the following glare for this receptor:

- 31 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 43

No glare found

PV array 15: OP 44

No glare found

PV array 15: OP 45

No glare found

PV array 15: OP 46

No glare found

PV array 15: OP 47

No glare found

PV array 15: OP 48

No glare found

PV array 15: OP 49

No glare found

PV array 15: OP 50

No glare found

PV array 15: OP 51

No glare found

PV array 15: OP 52

No glare found

PV array 15: OP 53

No glare found

PV array 15: OP 54

No glare found

PV array 15: OP 55

No glare found

PV array 15: OP 56

No glare found

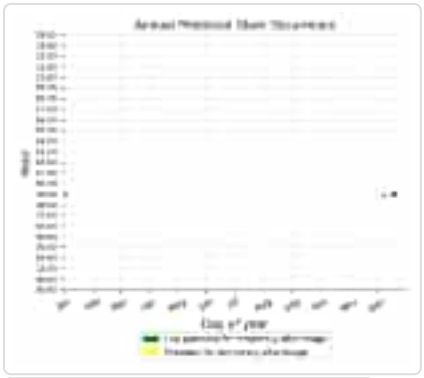
PV array 15: OP 57

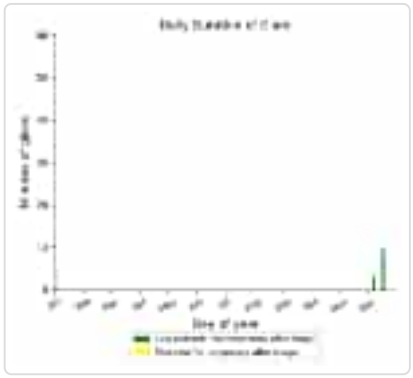
No glare found

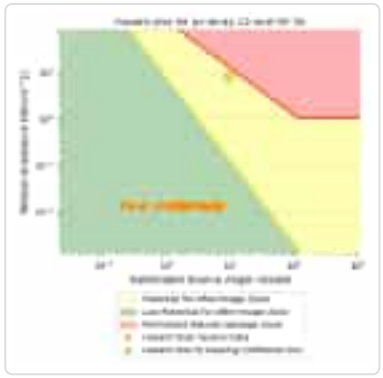
PV array 15: OP 58

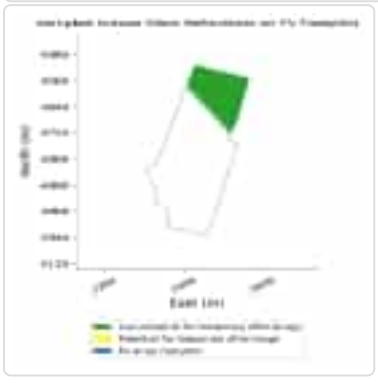
PV array is expected to produce the following glare for this receptor:

- 43 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





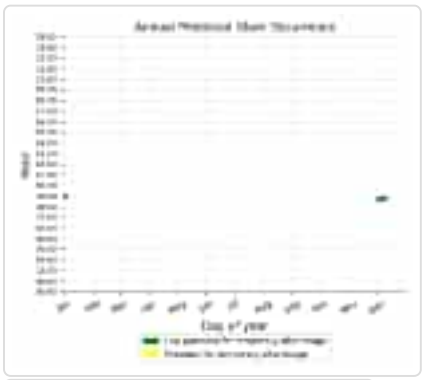


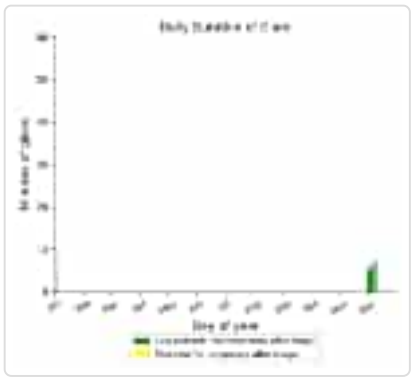


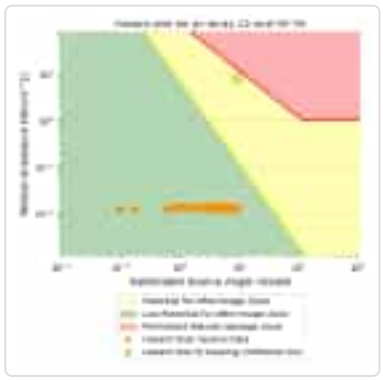
PV array 15: OP 59

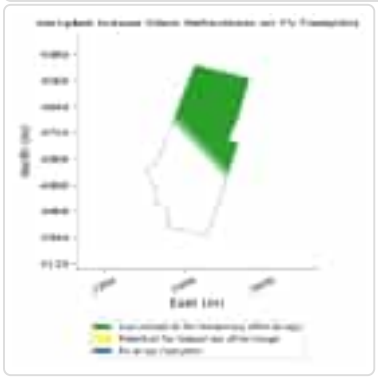
PV array is expected to produce the following glare for this receptor:

- 72 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 60

No glare found

PV array 15: OP 61

No glare found

PV array 15: OP 62

No glare found

PV array 15: OP 63

No glare found

PV array 15: OP 64

No glare found

PV array 15: OP 65

No glare found

PV array 15: OP 66

No glare found

PV array 15: OP 67

No glare found

PV array 15: OP 68

No glare found

PV array 15: OP 69

No glare found

PV array 15: OP 70

No glare found

PV array 15: OP 71

No glare found

PV array 15: OP 72

No glare found

PV array 15: OP 73

No glare found

PV array 15: OP 74

No glare found

PV array 15: OP 75

No glare found

PV array 15: OP 76

No glare found

PV array 15: OP 77

No glare found

PV array 15: OP 78

No glare found

PV array 15: OP 79

No glare found

PV array 15: OP 80

No glare found

PV array 2 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0

OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	29	0
OP: OP 14	381	0
OP: OP 15	364	0
OP: OP 16	375	0
OP: OP 17	412	0
OP: OP 18	427	0
OP: OP 19	420	0
OP: OP 20	151	0
OP: OP 21	35	0
OP: OP 22	41	0
OP: OP 23	54	0
OP: OP 24	32	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	81	0
OP: OP 28	90	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	122	0
OP: OP 61	124	0
OP: OP 62	132	0
OP: OP 63	130	0
OP: OP 64	159	0

OP: OP 65	116	0
OP: OP 66	133	0
OP: OP 67	170	0
OP: OP 68	187	0
OP: OP 69	80	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	209	0
OP: OP 74	124	0
OP: OP 75	118	0
OP: OP 76	31	0
OP: OP 77	193	0
OP: OP 78	162	0
OP: OP 79	453	0
OP: OP 80	467	0

PV array 2: OP 1

No glare found

PV array 2: OP 2

No glare found

PV array 2: OP 3

No glare found

PV array 2: OP 4

No glare found

PV array 2: OP 5

No glare found

PV array 2: OP 6

No glare found

PV array 2: OP 7

No glare found

PV array 2: OP 8

No glare found

PV array 2: OP 9

No glare found

PV array 2: OP 10

No glare found

PV array 2: OP 11

No glare found

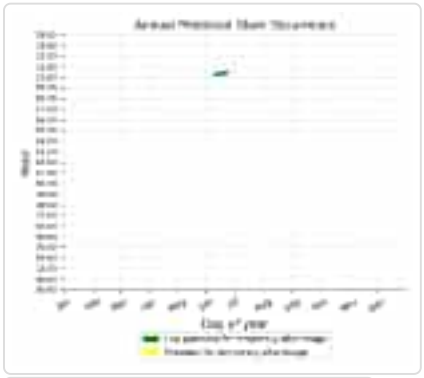
PV array 2: OP 12

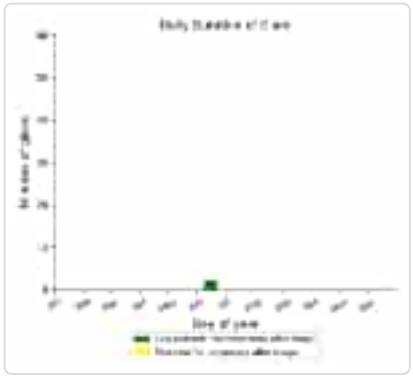
No glare found

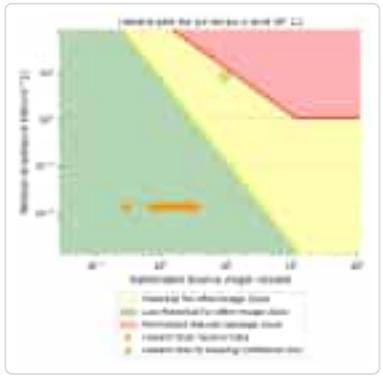
PV array 2: OP 13

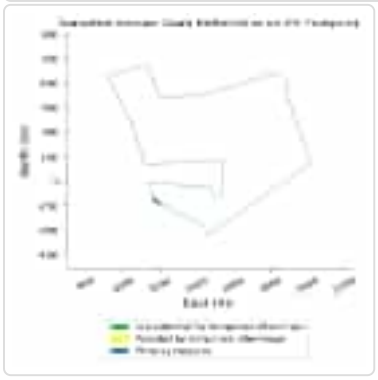
PV array is expected to produce the following glare for this receptor:

- 29 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





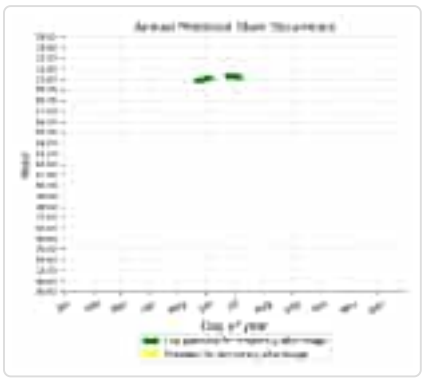


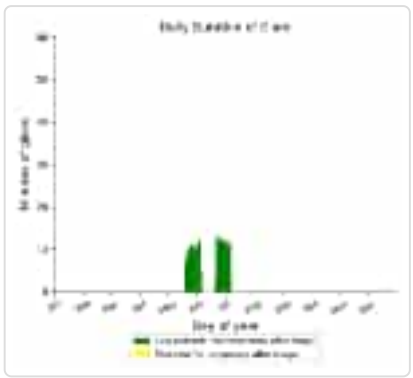


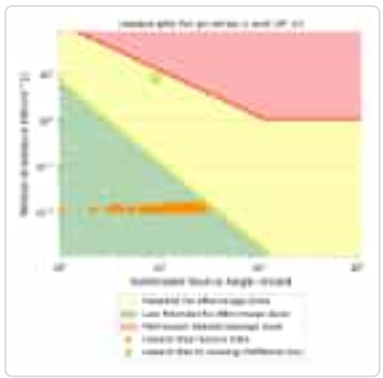
PV array 2: OP 14

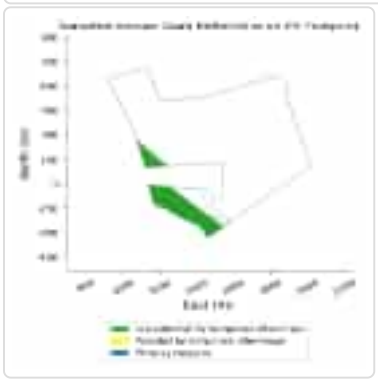
PV array is expected to produce the following glare for this receptor:

- 381 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





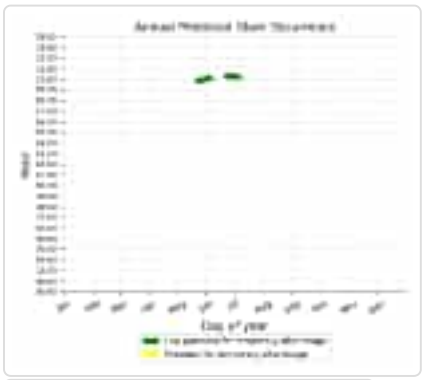


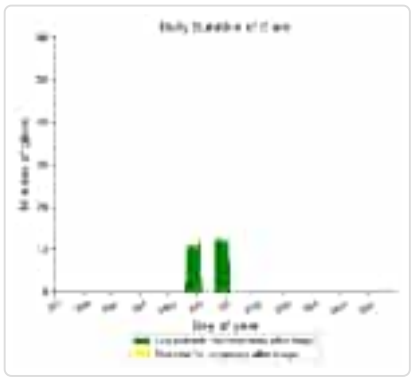


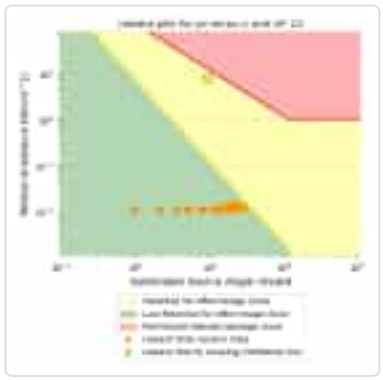
PV array 2: OP 15

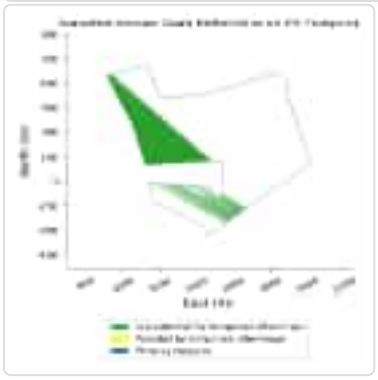
PV array is expected to produce the following glare for this receptor:

- 364 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





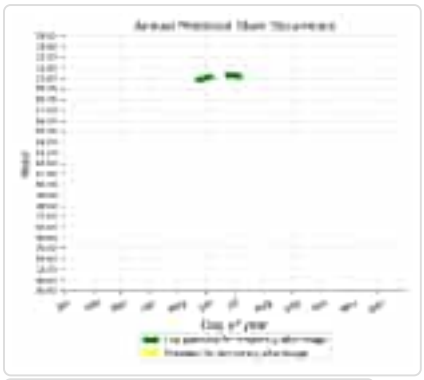


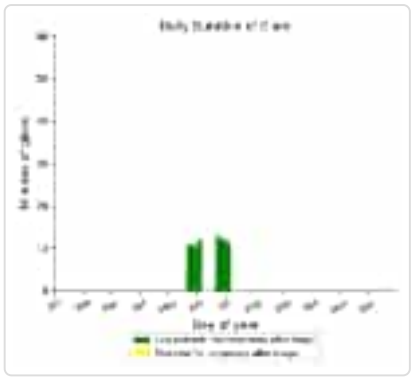


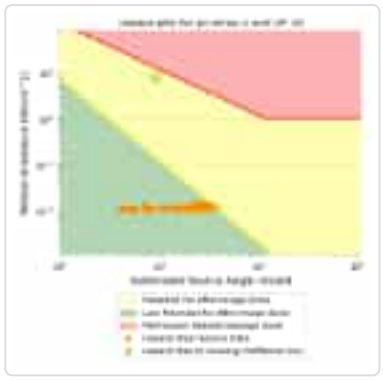
PV array 2: OP 16

PV array is expected to produce the following glare for this receptor:

- 375 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



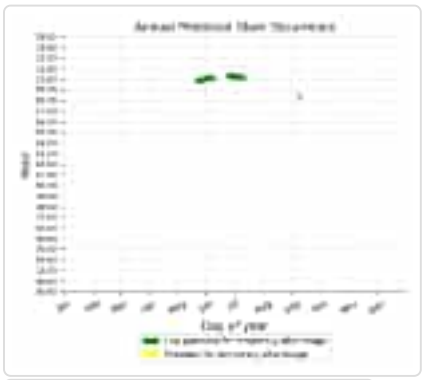


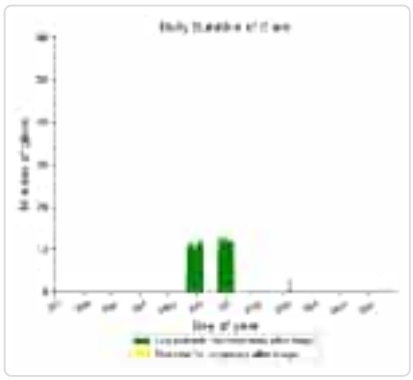


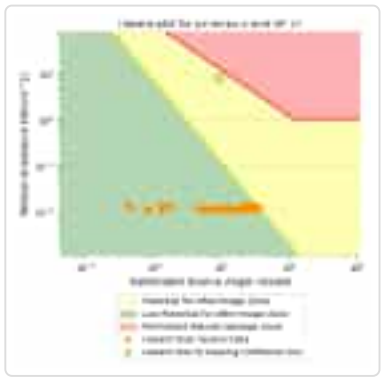
PV array 2: OP 17

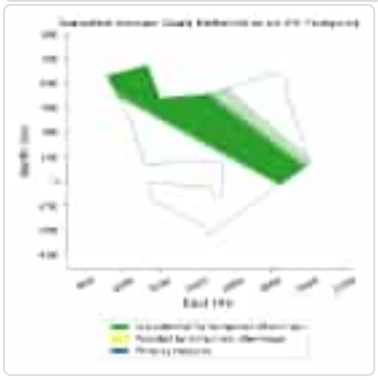
PV array is expected to produce the following glare for this receptor:

- 412 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





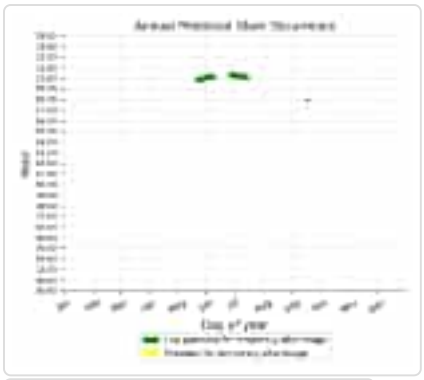


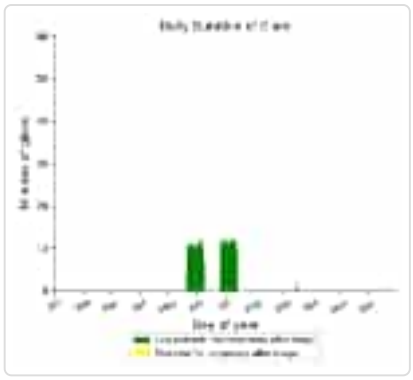


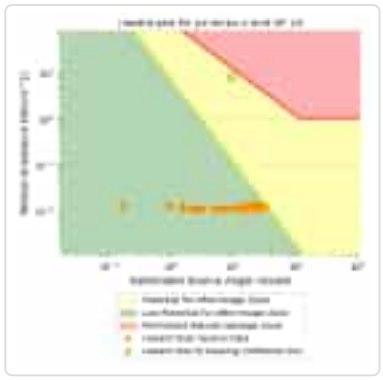
PV array 2: OP 18

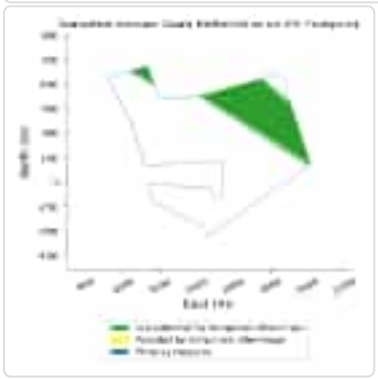
PV array is expected to produce the following glare for this receptor:

- 427 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





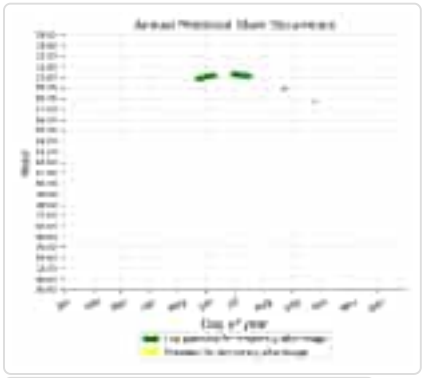


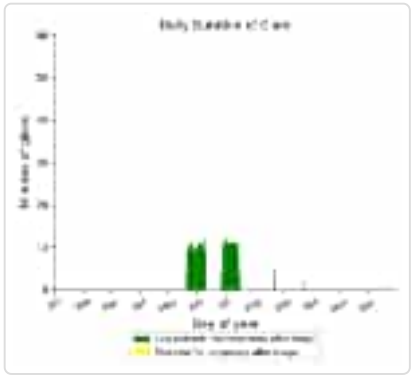


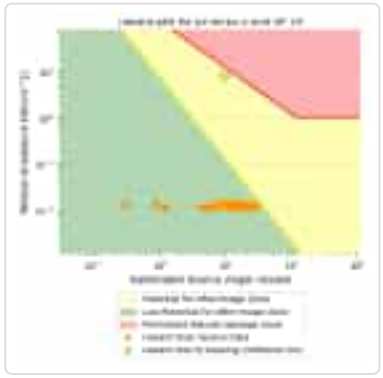
PV array 2: OP 19

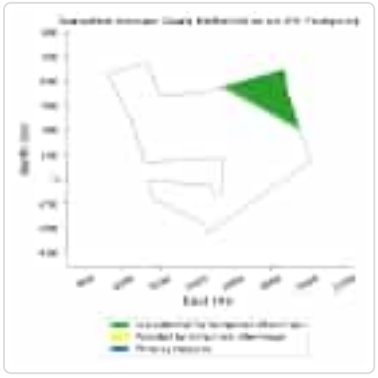
PV array is expected to produce the following glare for this receptor:

- 420 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





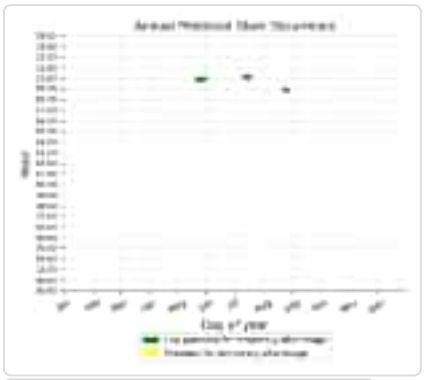


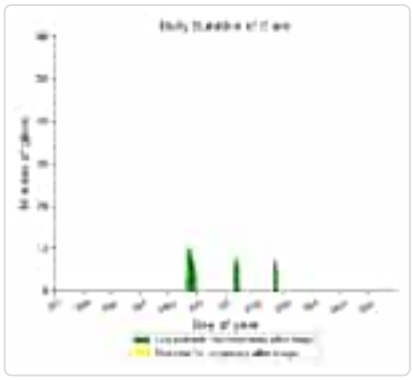


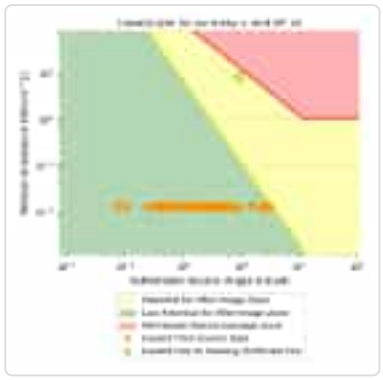
PV array 2: OP 20

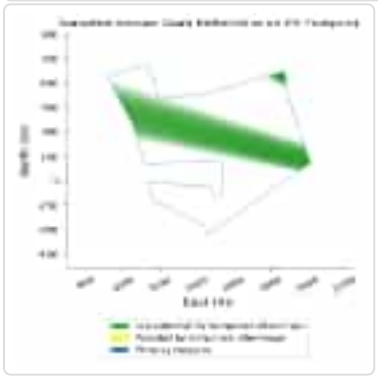
PV array is expected to produce the following glare for this receptor:

- 151 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





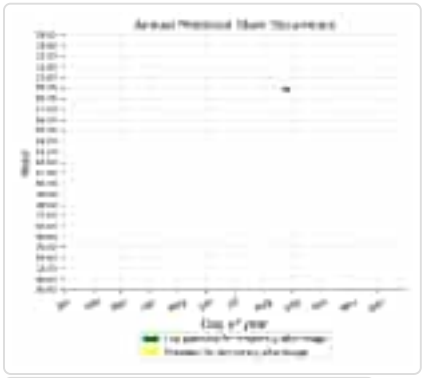


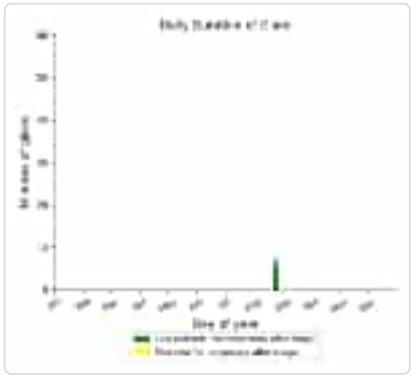


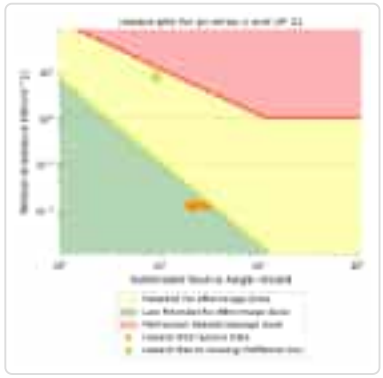
PV array 2: OP 21

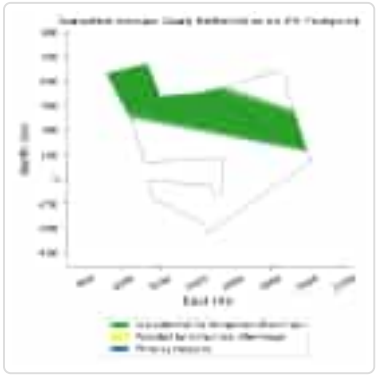
PV array is expected to produce the following glare for this receptor:

- 35 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





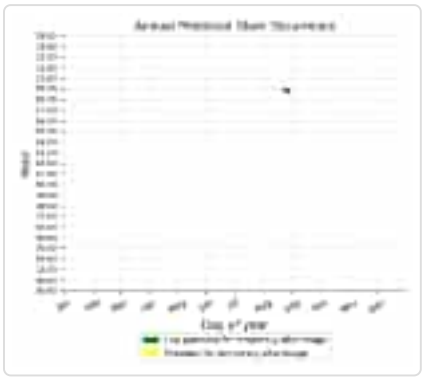


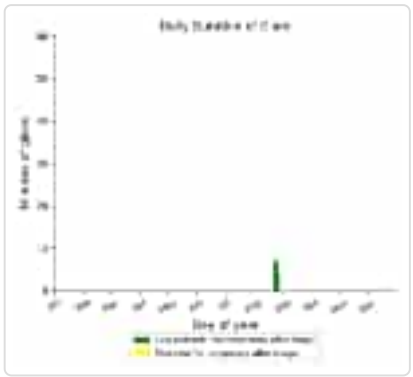


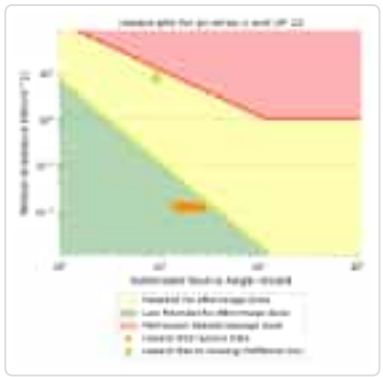
PV array 2: OP 22

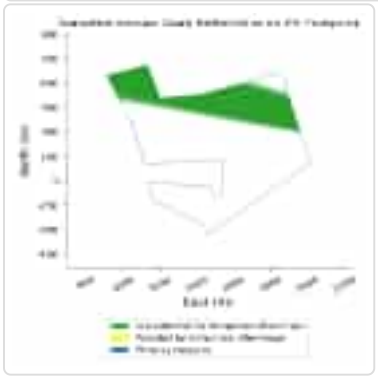
PV array is expected to produce the following glare for this receptor:

- 41 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





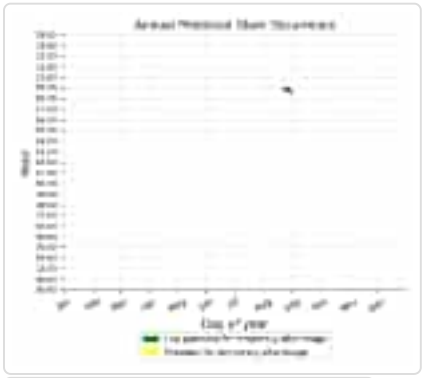


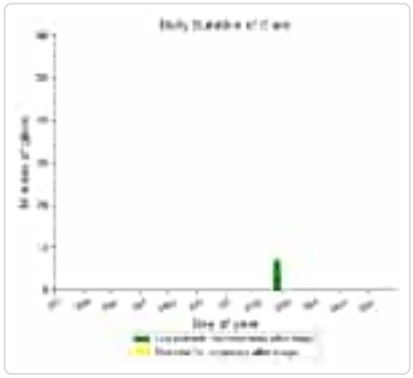


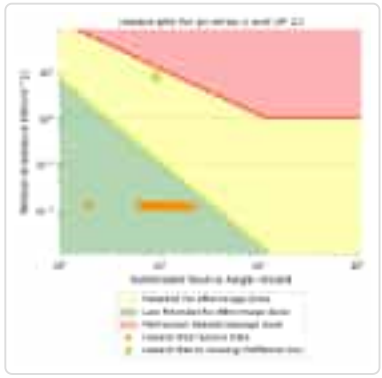
PV array 2: OP 23

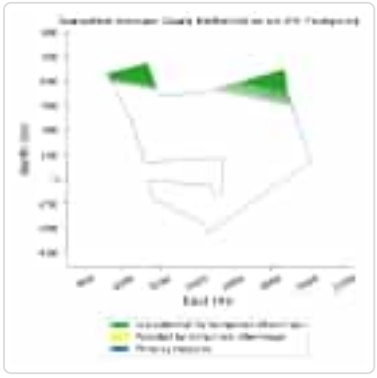
PV array is expected to produce the following glare for this receptor:

- 54 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





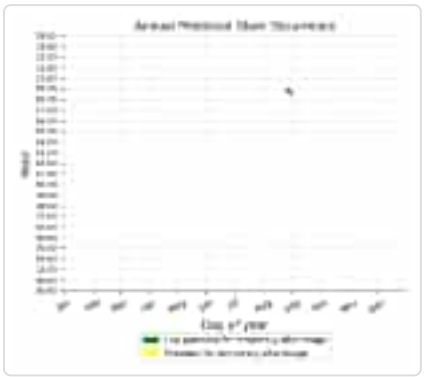


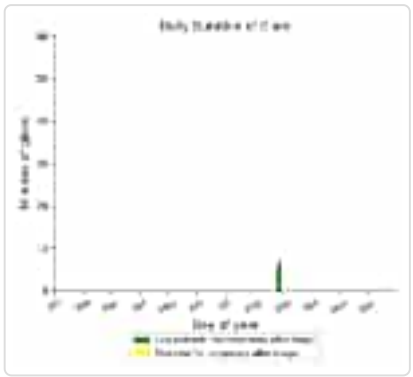


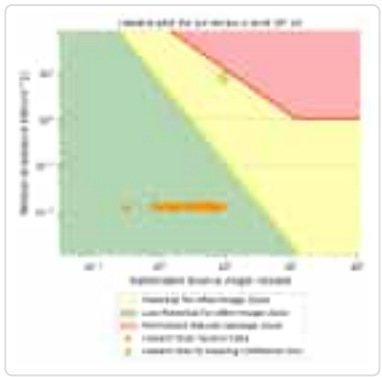
PV array 2: OP 24

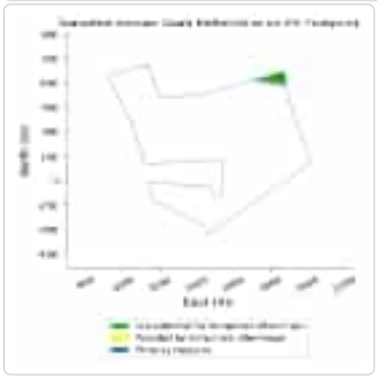
PV array is expected to produce the following glare for this receptor:

- 32 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 25

No glare found

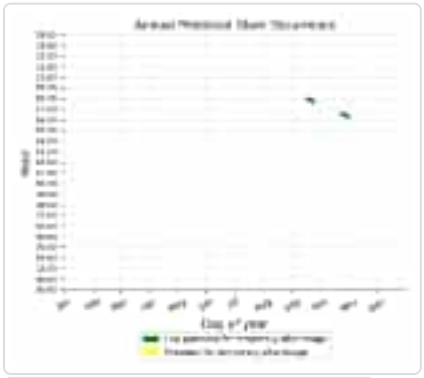
PV array 2: OP 26

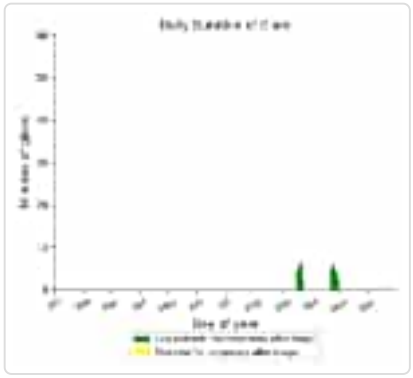
No glare found

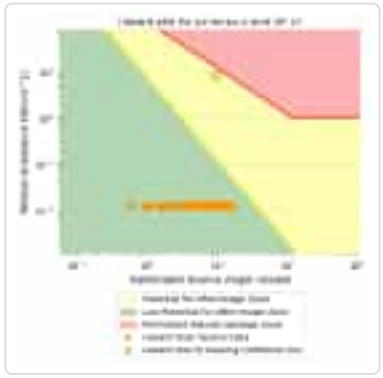
PV array 2: OP 27

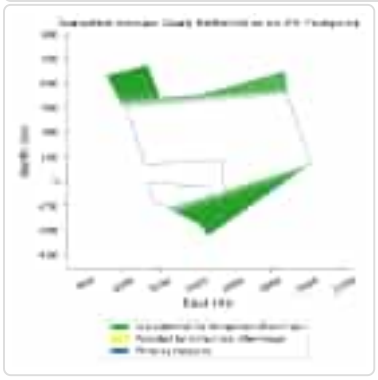
PV array is expected to produce the following glare for this receptor:

- 81 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





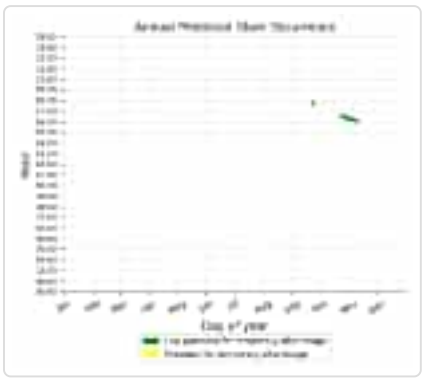


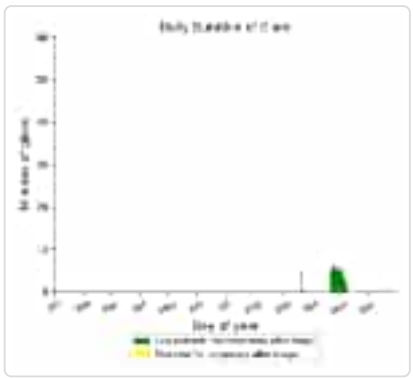


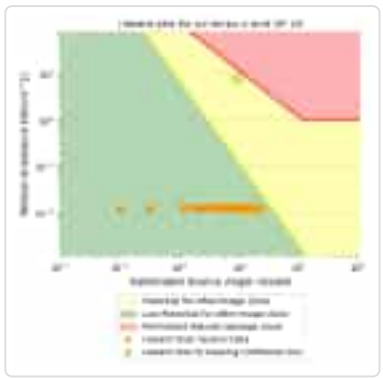
PV array 2: OP 28

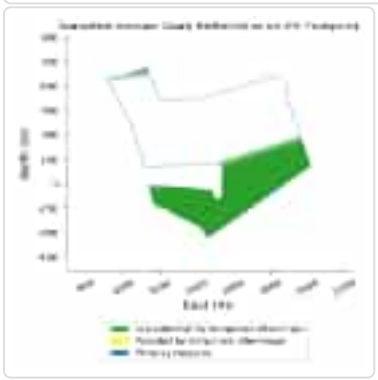
PV array is expected to produce the following glare for this receptor:

- 90 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 29

No glare found

PV array 2: OP 30

No glare found

PV array 2: OP 31

No glare found

PV array 2: OP 32

No glare found

PV array 2: OP 33

No glare found

PV array 2: OP 34

No glare found

PV array 2: OP 35

No glare found

PV array 2: OP 36

No glare found

PV array 2: OP 37

No glare found

PV array 2: OP 38

No glare found

PV array 2: OP 39

No glare found

PV array 2: OP 40

No glare found

PV array 2: OP 41

No glare found

PV array 2: OP 42

No glare found

PV array 2: OP 43

No glare found

PV array 2: OP 44

No glare found

PV array 2: OP 45

No glare found

PV array 2: OP 46

No glare found

PV array 2: OP 47

No glare found

PV array 2: OP 48

No glare found

PV array 2: OP 49

No glare found

PV array 2: OP 50

No glare found

PV array 2: OP 51

No glare found

PV array 2: OP 52

No glare found

PV array 2: OP 53

No glare found

PV array 2: OP 54

No glare found

PV array 2: OP 55

No glare found

PV array 2: OP 56

No glare found

PV array 2: OP 57

No glare found

PV array 2: OP 58

No glare found

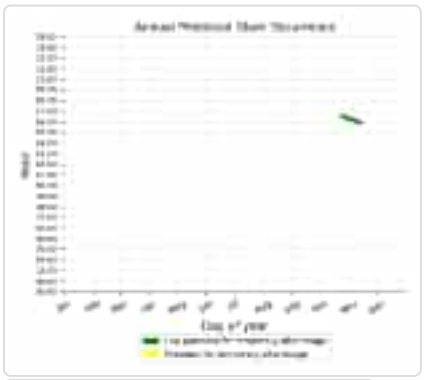
PV array 2: OP 59

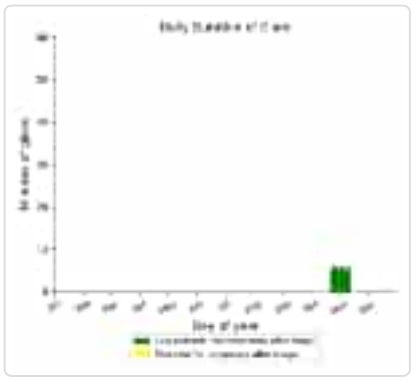
No glare found

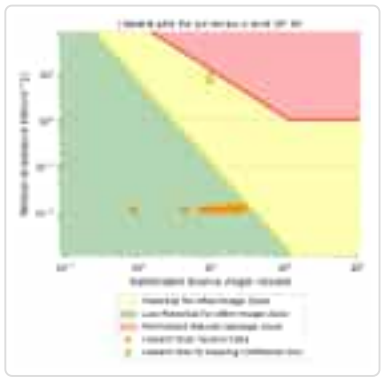
PV array 2: OP 60

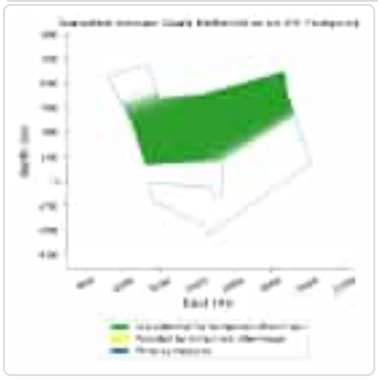
PV array is expected to produce the following glare for this receptor:

- 122 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





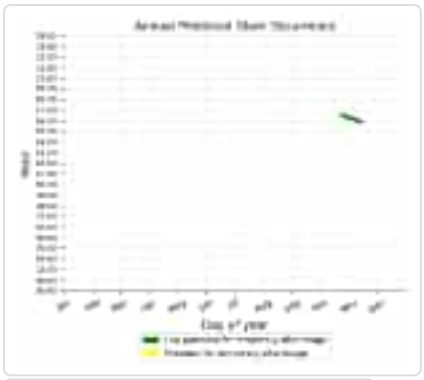


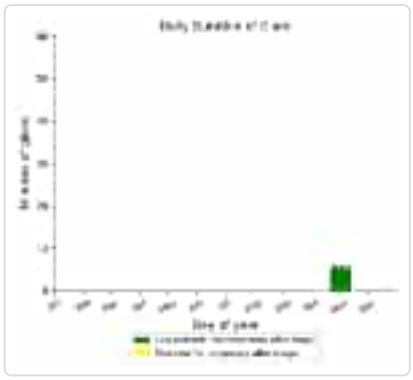


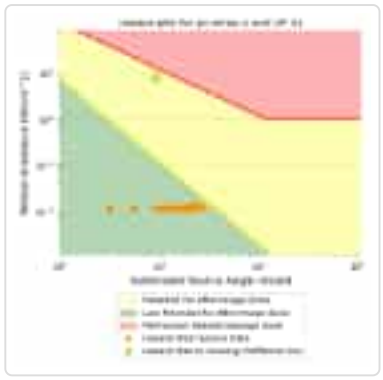
PV array 2: OP 61

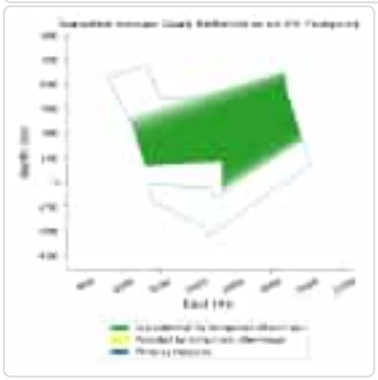
PV array is expected to produce the following glare for this receptor:

- 124 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





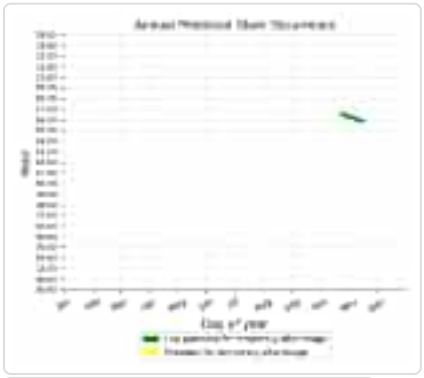


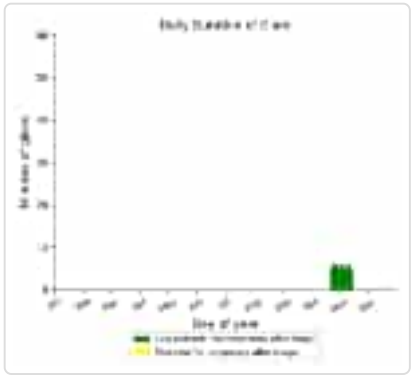


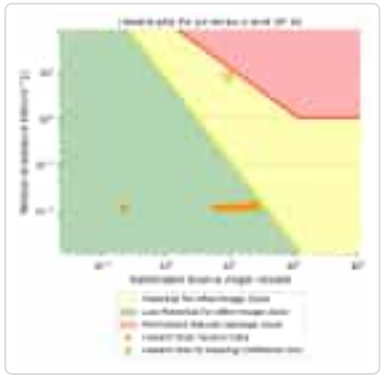
PV array 2: OP 62

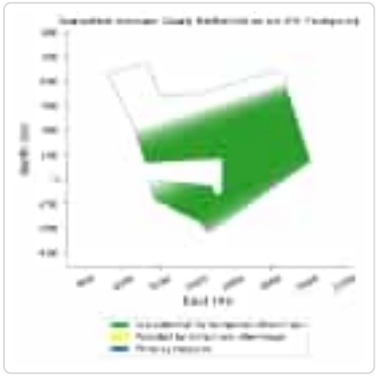
PV array is expected to produce the following glare for this receptor:

- 132 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





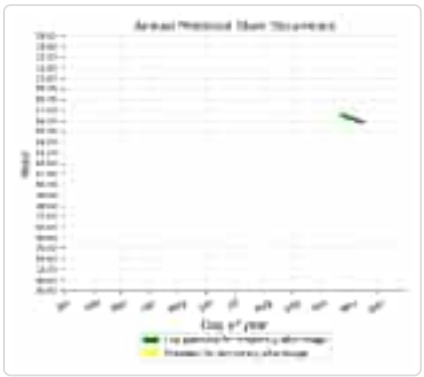


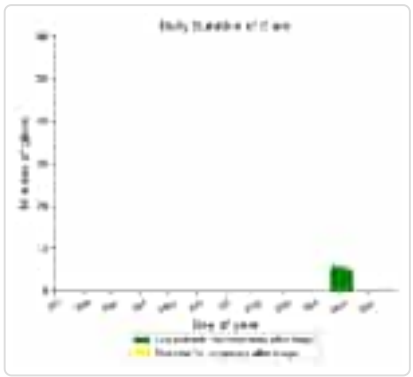


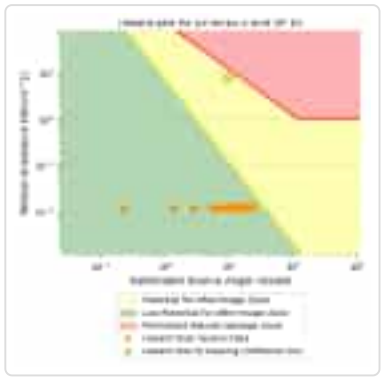
PV array 2: OP 63

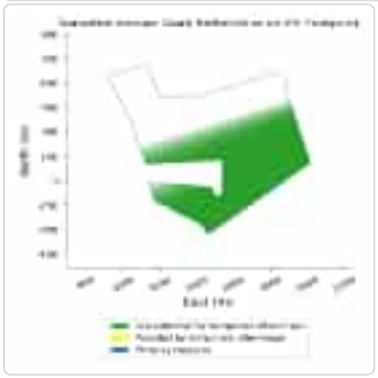
PV array is expected to produce the following glare for this receptor:

- 130 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





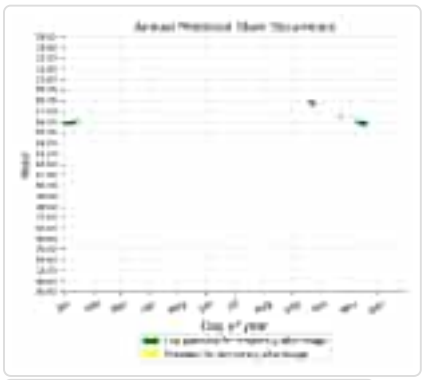


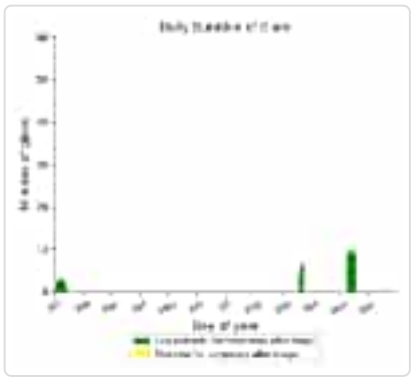


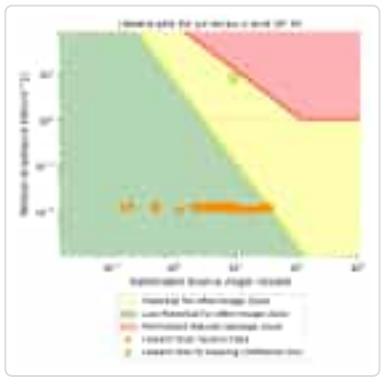
PV array 2: OP 64

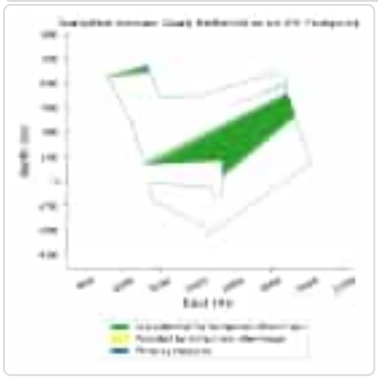
PV array is expected to produce the following glare for this receptor:

- 159 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





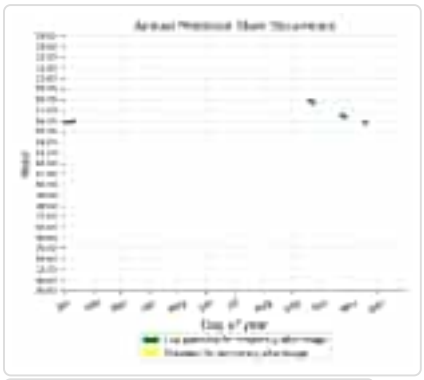


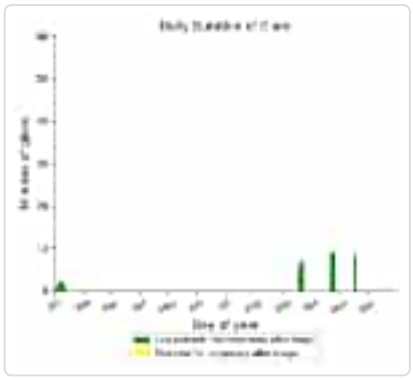


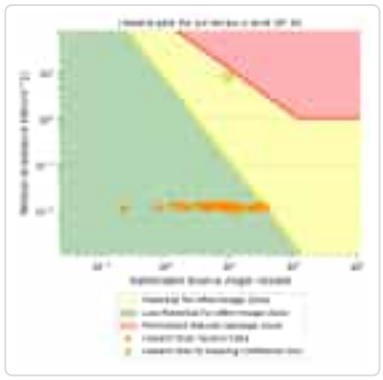
PV array 2: OP 65

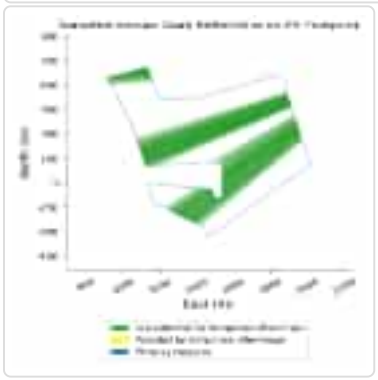
PV array is expected to produce the following glare for this receptor:

- 116 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





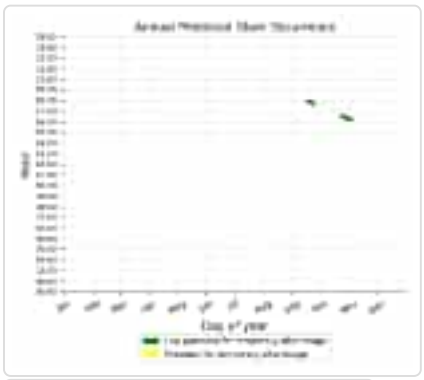


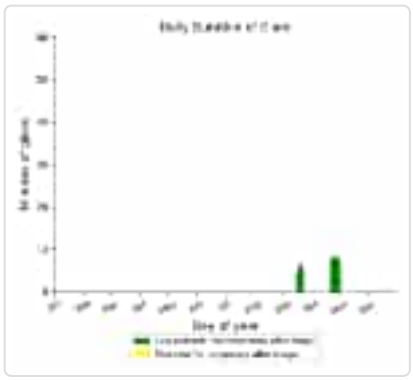


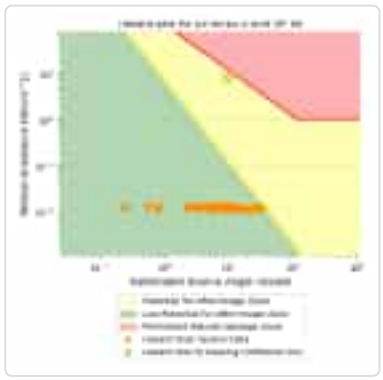
PV array 2: OP 66

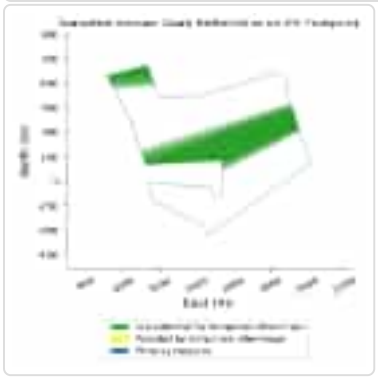
PV array is expected to produce the following glare for this receptor:

- 133 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





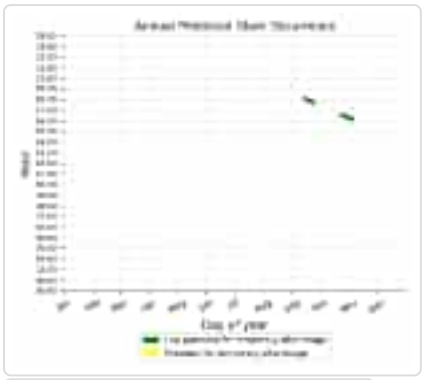


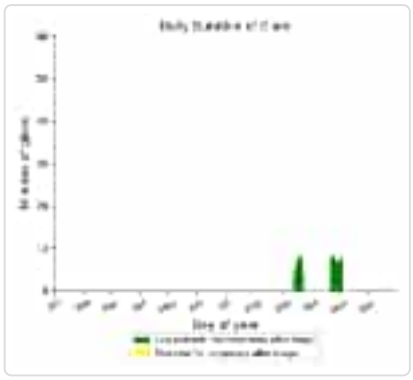


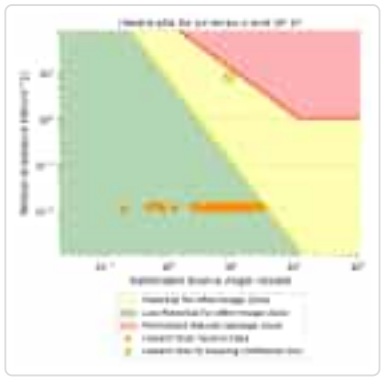
PV array 2: OP 67

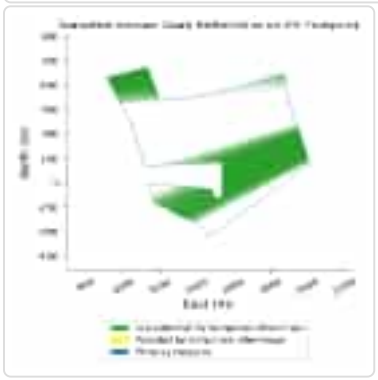
PV array is expected to produce the following glare for this receptor:

- 170 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





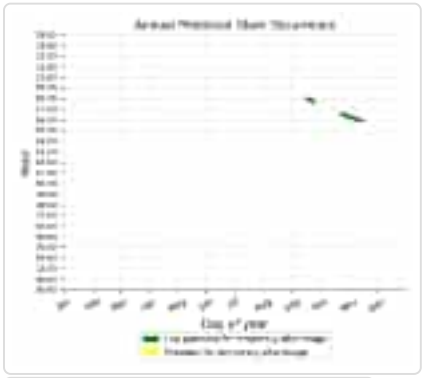


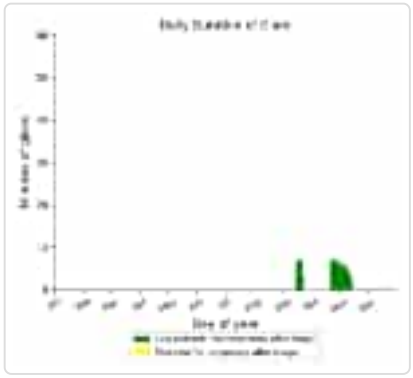


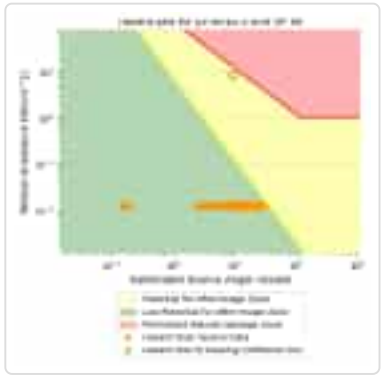
PV array 2: OP 68

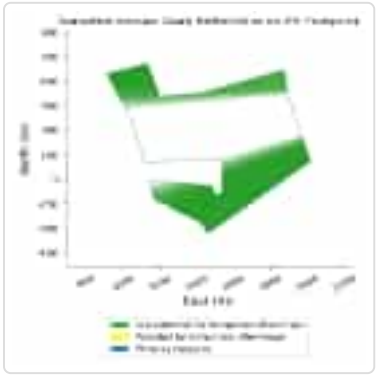
PV array is expected to produce the following glare for this receptor:

- 187 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





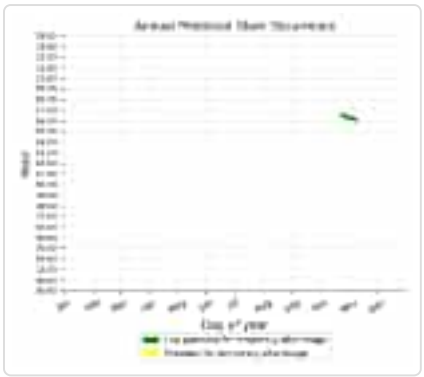


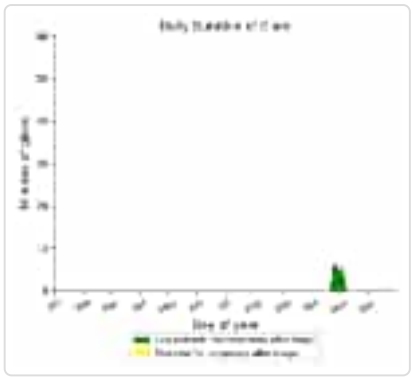


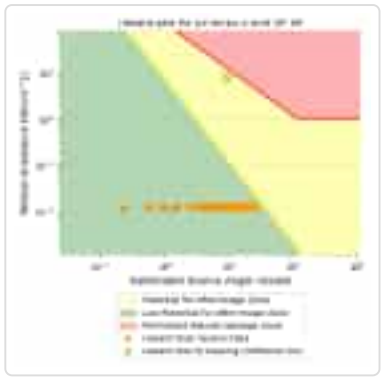
PV array 2: OP 69

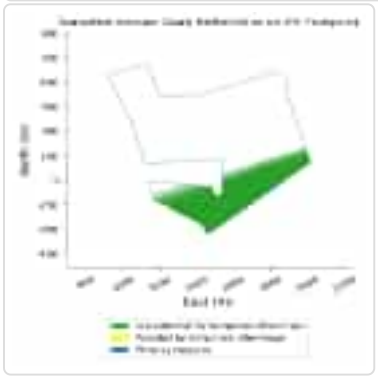
PV array is expected to produce the following glare for this receptor:

- 80 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 70

No glare found

PV array 2: OP 71

No glare found

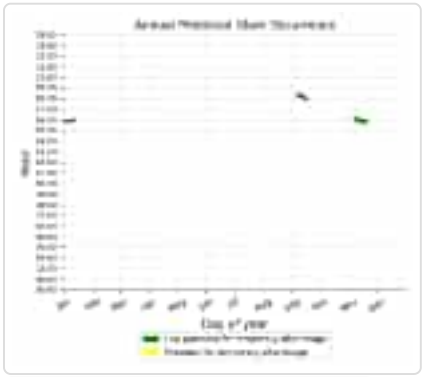
PV array 2: OP 72

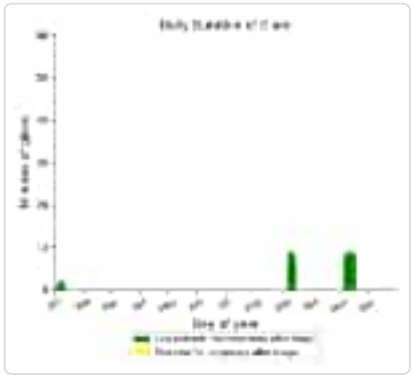
No glare found

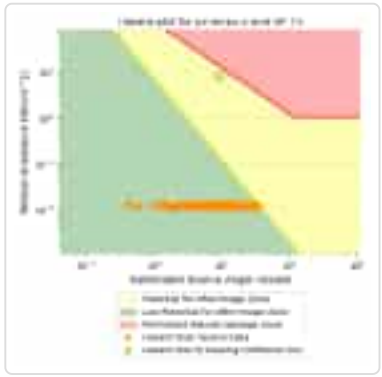
PV array 2: OP 73

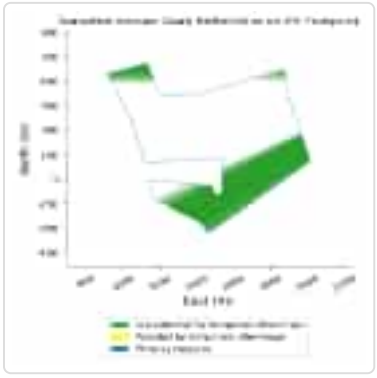
PV array is expected to produce the following glare for this receptor:

- 209 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





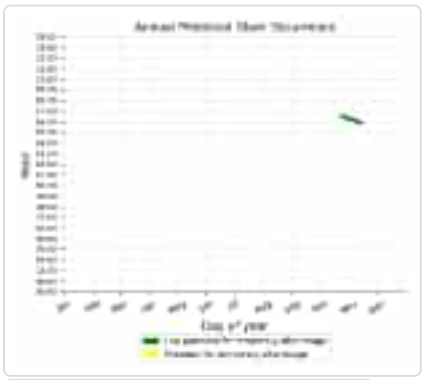


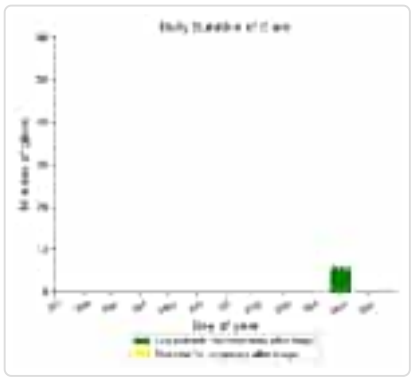


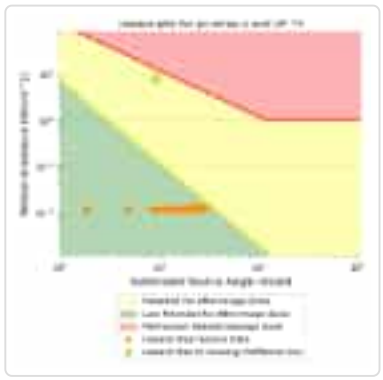
PV array 2: OP 74

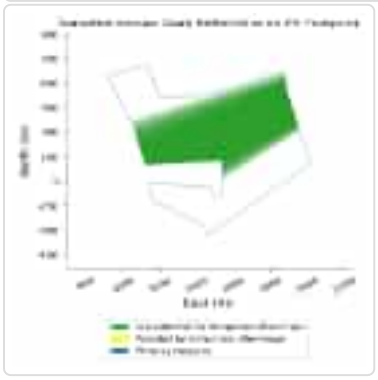
PV array is expected to produce the following glare for this receptor:

- 124 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





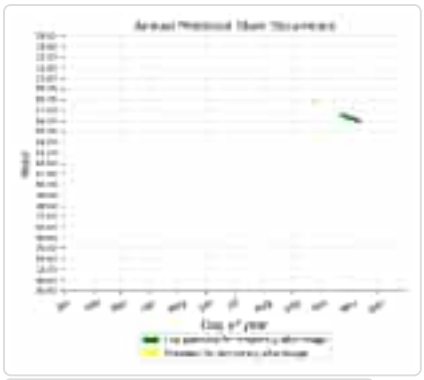


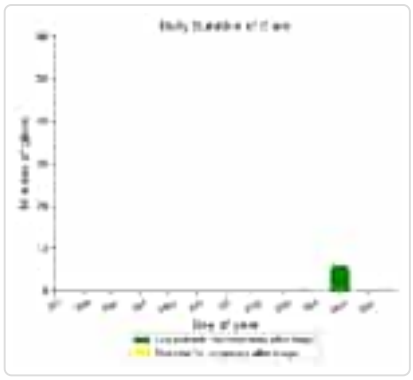


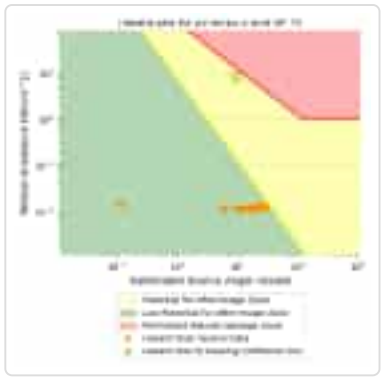
PV array 2: OP 75

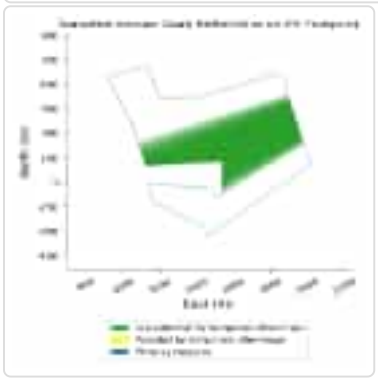
PV array is expected to produce the following glare for this receptor:

- 118 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





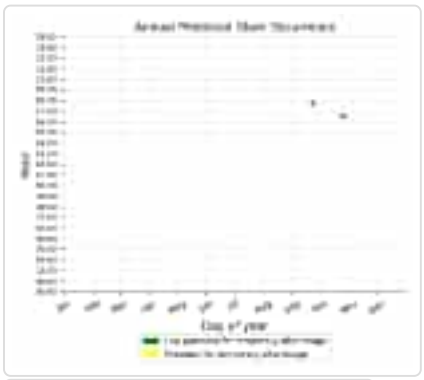


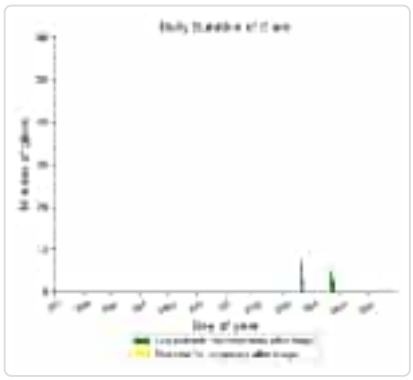


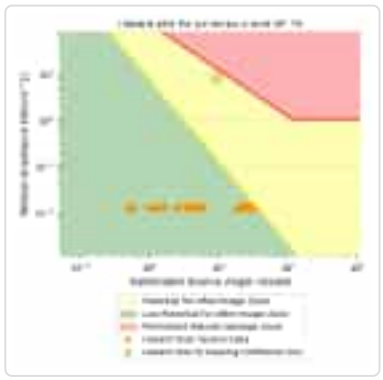
PV array 2: OP 76

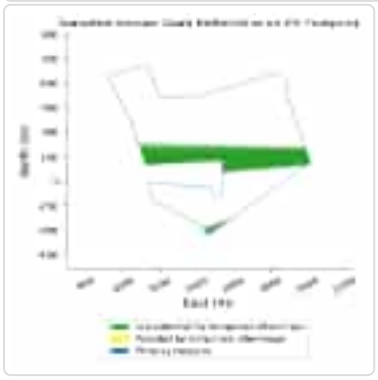
PV array is expected to produce the following glare for this receptor:

- 31 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





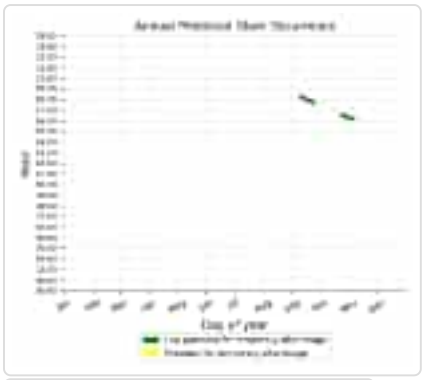


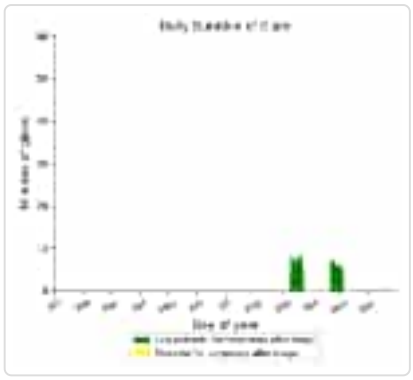


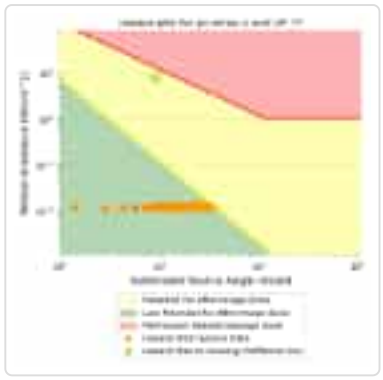
PV array 2: OP 77

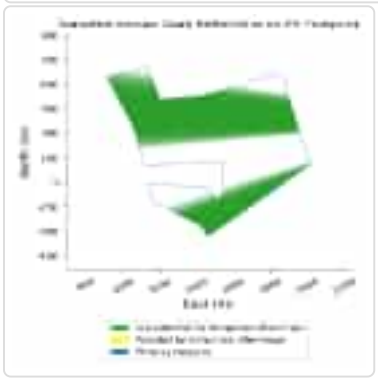
PV array is expected to produce the following glare for this receptor:

- 193 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





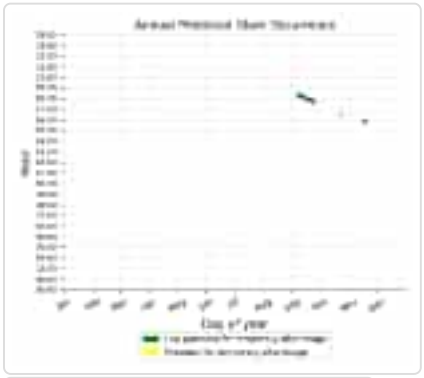


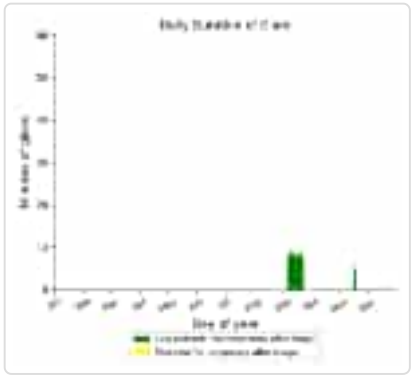


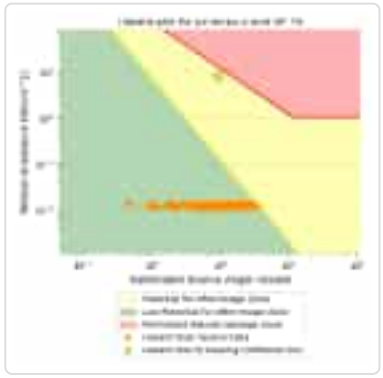
PV array 2: OP 78

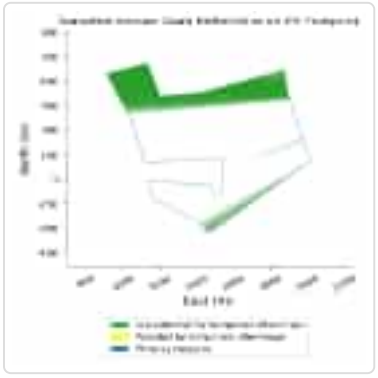
PV array is expected to produce the following glare for this receptor:

- 162 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





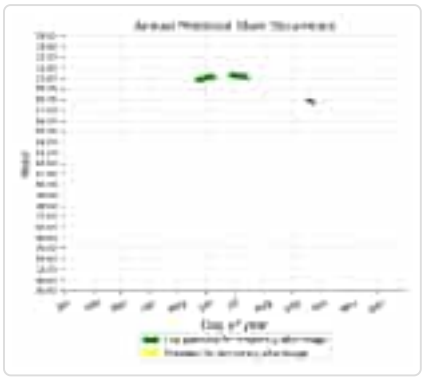


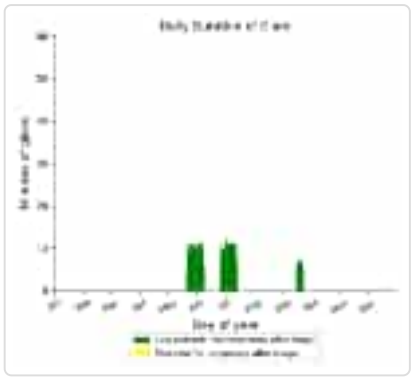


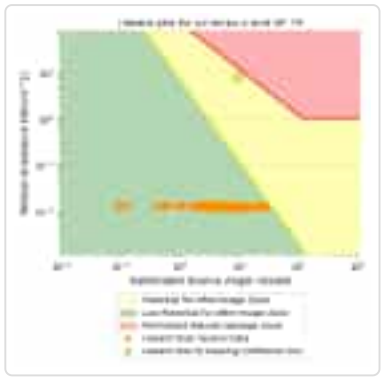
PV array 2: OP 79

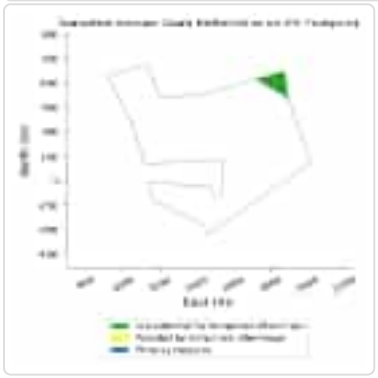
PV array is expected to produce the following glare for this receptor:

- 453 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





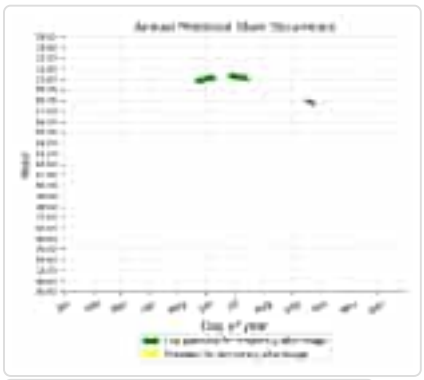


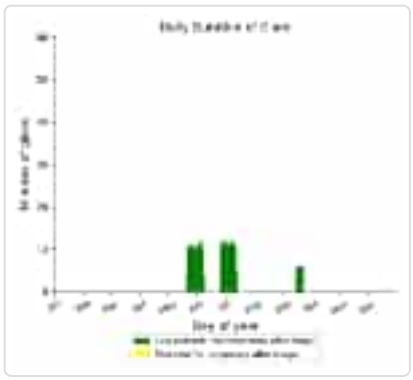


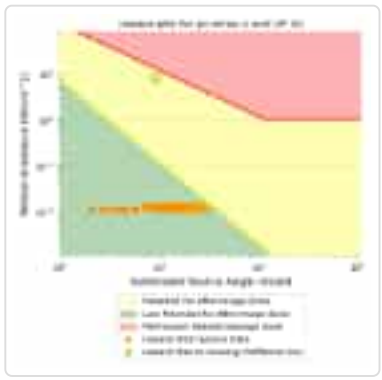
PV array 2: OP 80

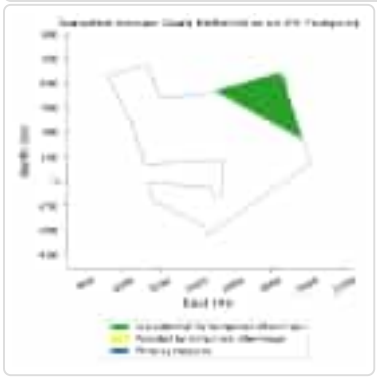
PV array is expected to produce the following glare for this receptor:

- 467 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	75	0
OP: OP 2	66	0
OP: OP 3	80	0
OP: OP 4	0	0
OP: OP 5	18	0
OP: OP 6	0	0
OP: OP 7	171	30
OP: OP 8	158	38
OP: OP 9	157	33
OP: OP 10	177	15
OP: OP 11	219	6
OP: OP 12	219	6
OP: OP 13	54	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0

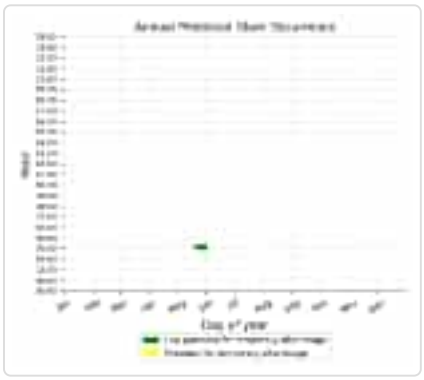
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	519	0
OP: OP 31	545	0
OP: OP 32	609	0
OP: OP 33	544	18
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	29	0
OP: OP 37	0	0
OP: OP 38	467	0
OP: OP 39	380	0
OP: OP 40	245	0
OP: OP 41	17	0
OP: OP 42	36	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	34	0
OP: OP 59	26	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

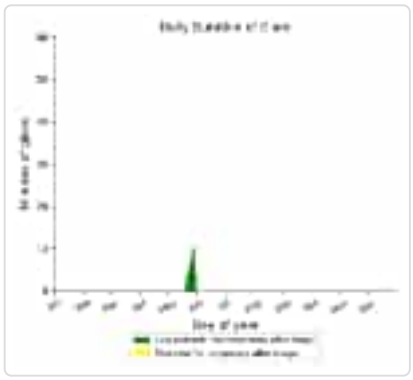
OP: OP 80	0	0

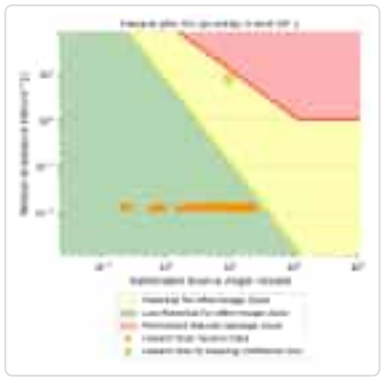
PV array 3: OP 1

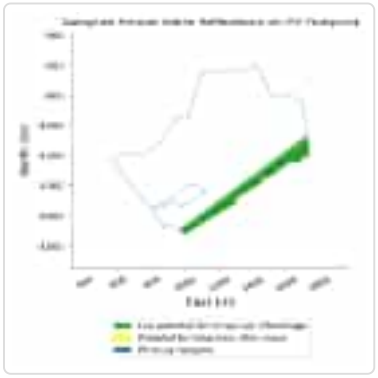
PV array is expected to produce the following glare for this receptor:

- 75 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





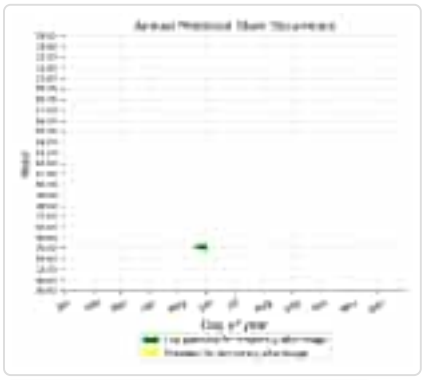


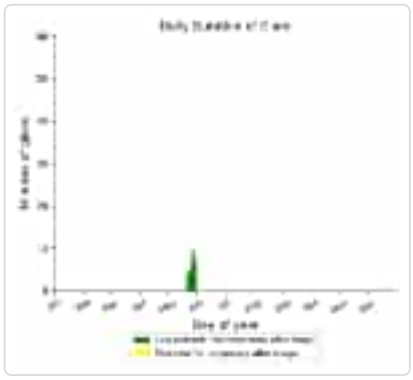


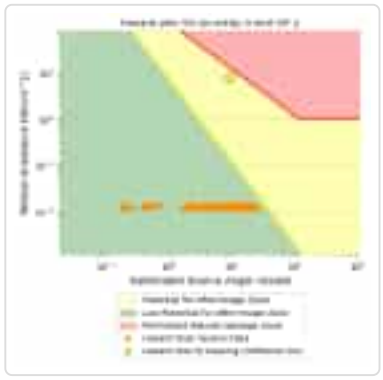
PV array 3: OP 2

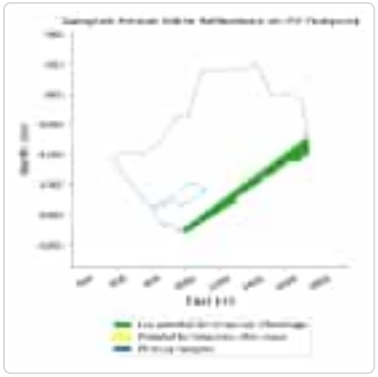
PV array is expected to produce the following glare for this receptor:

- 66 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





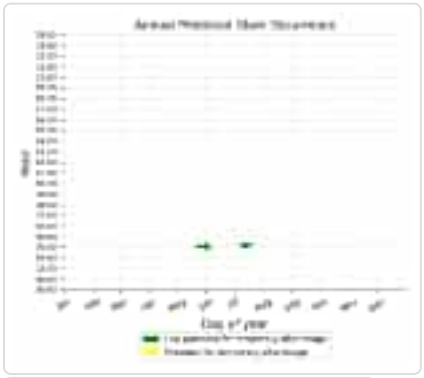


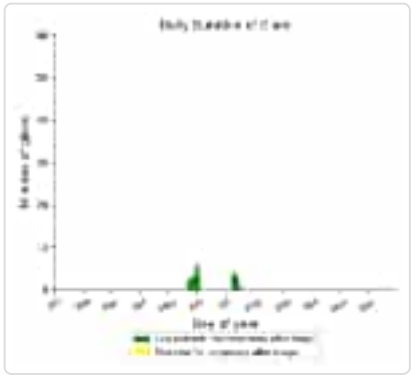


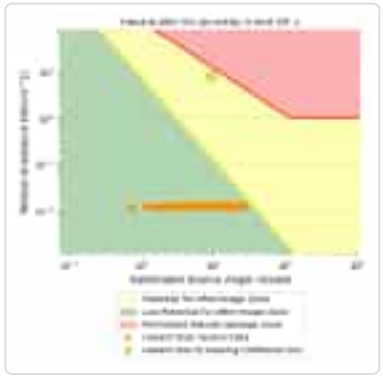
PV array 3: OP 3

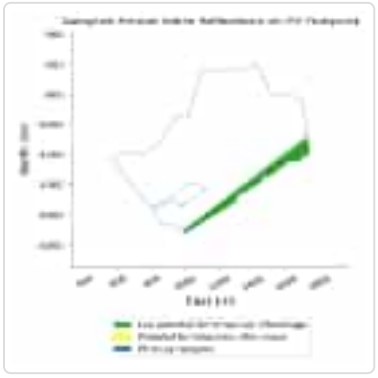
PV array is expected to produce the following glare for this receptor:

- 80 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









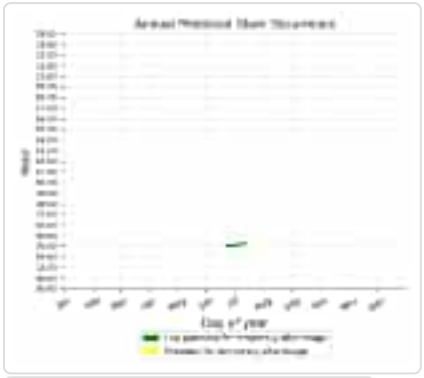
PV array 3: OP 4

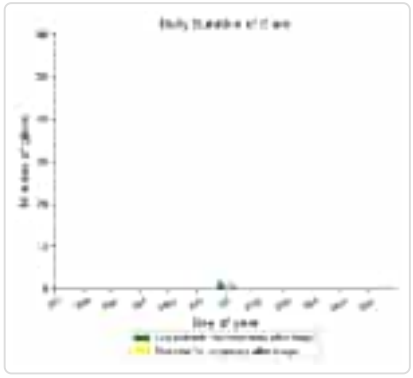
No glare found

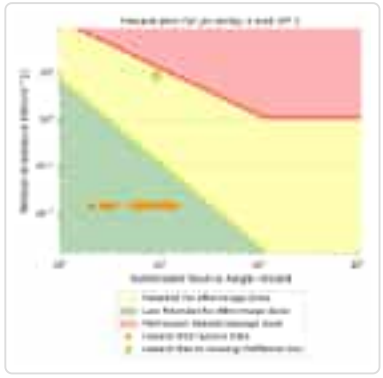
PV array 3: OP 5

PV array is expected to produce the following glare for this receptor:

- 18 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







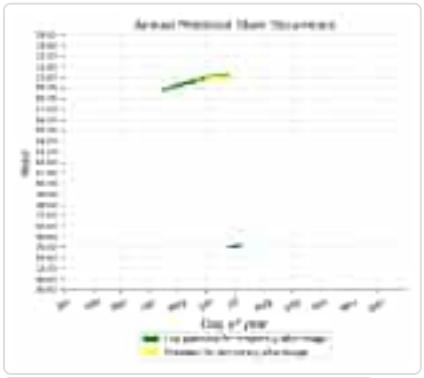
PV array 3: OP 6

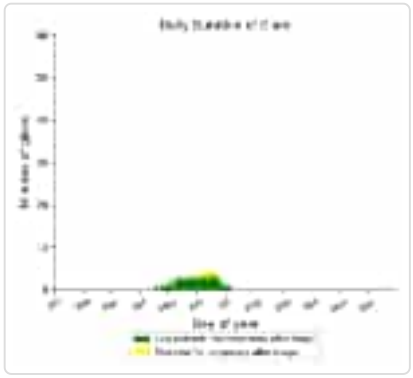
No glare found

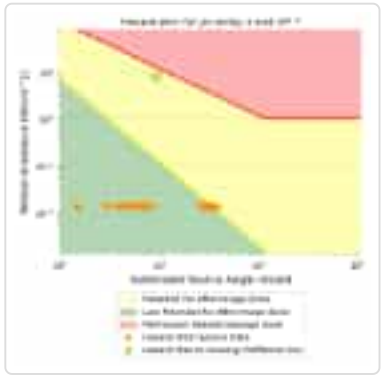
PV array 3: OP 7

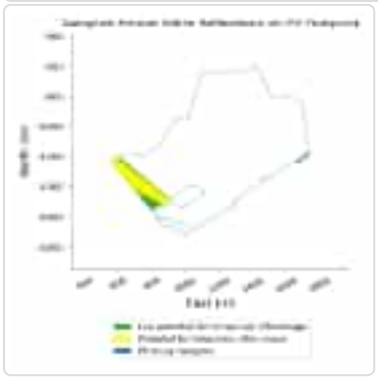
PV array is expected to produce the following glare for this receptor:

- 171 minutes of "green" glare with low potential to cause temporary after-image.
- 30 minutes of "yellow" glare with potential to cause temporary after-image.





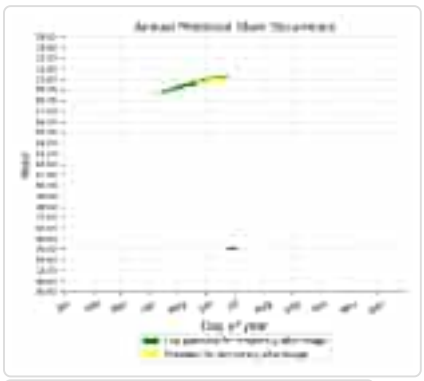


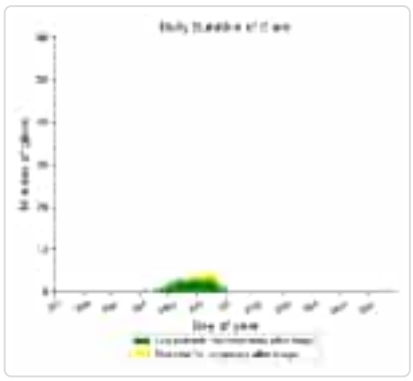


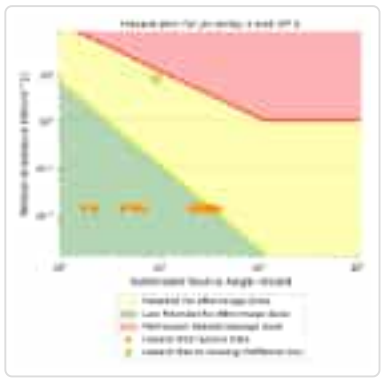
PV array 3: OP 8

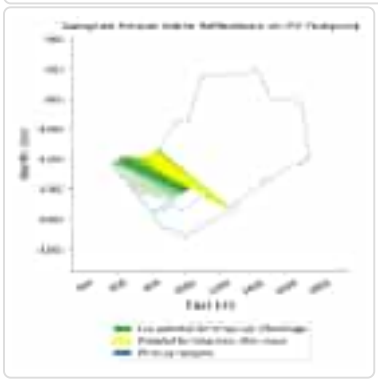
PV array is expected to produce the following glare for this receptor:

- 158 minutes of "green" glare with low potential to cause temporary after-image.
- 38 minutes of "yellow" glare with potential to cause temporary after-image.





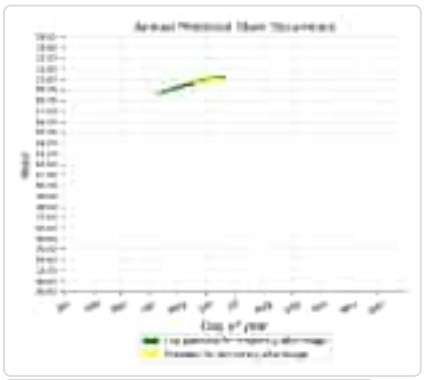


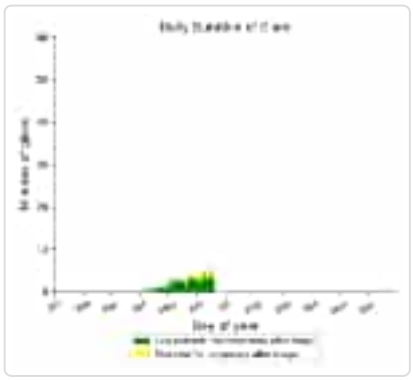


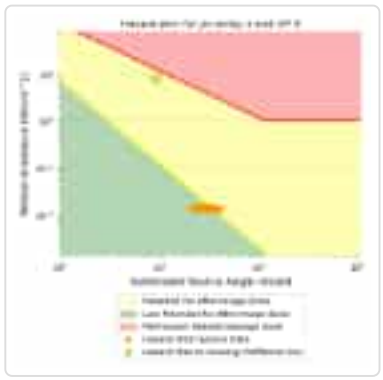
PV array 3: OP 9

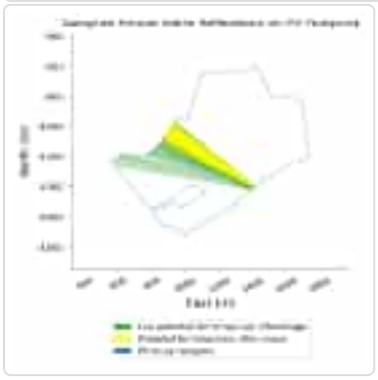
PV array is expected to produce the following glare for this receptor:

- 157 minutes of "green" glare with low potential to cause temporary after-image.
- 33 minutes of "yellow" glare with potential to cause temporary after-image.





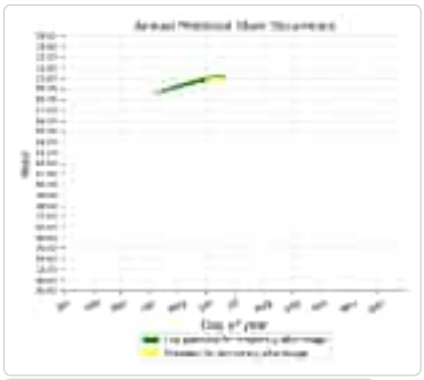


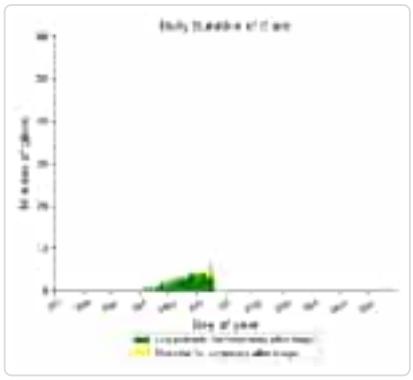


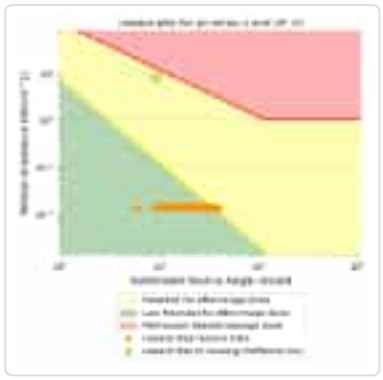
PV array 3: OP 10

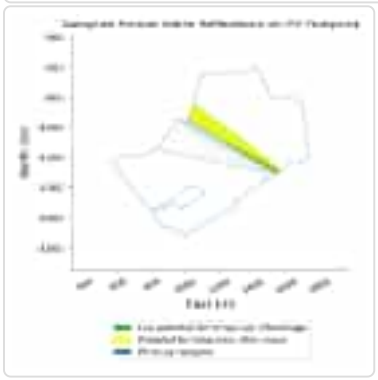
PV array is expected to produce the following glare for this receptor:

- 177 minutes of "green" glare with low potential to cause temporary after-image.
- 15 minutes of "yellow" glare with potential to cause temporary after-image.





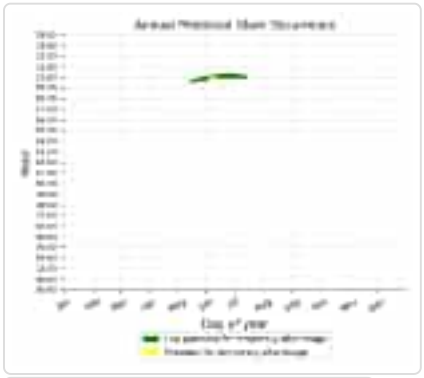


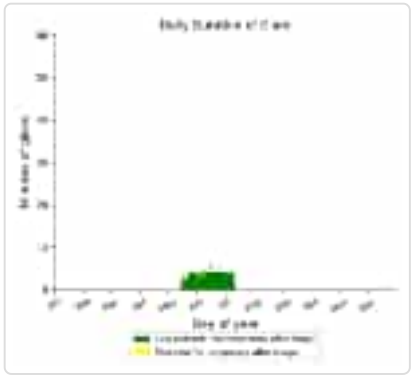


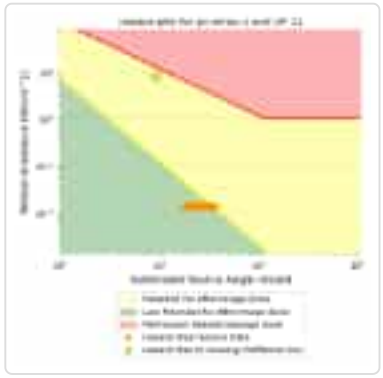
PV array 3: OP 11

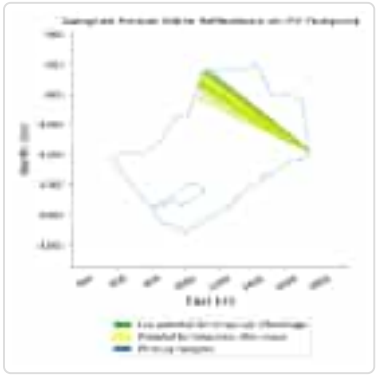
PV array is expected to produce the following glare for this receptor:

- 219 minutes of "green" glare with low potential to cause temporary after-image.
- 6 minutes of "yellow" glare with potential to cause temporary after-image.





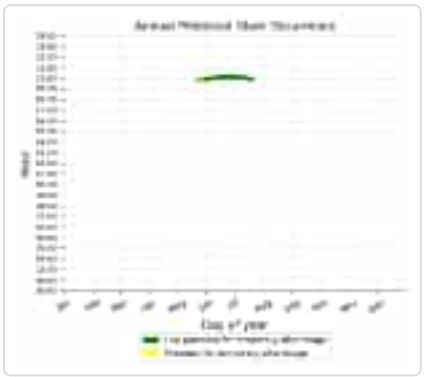


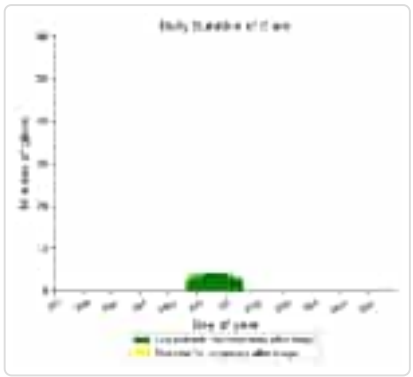


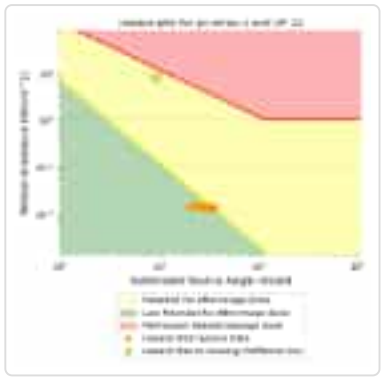
PV array 3: OP 12

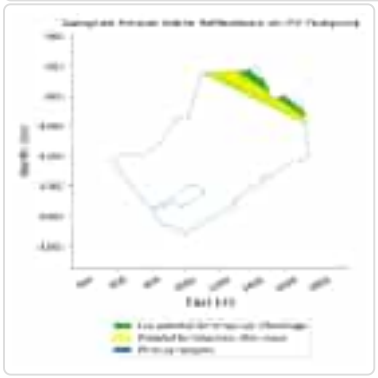
PV array is expected to produce the following glare for this receptor:

- 219 minutes of "green" glare with low potential to cause temporary after-image.
- 6 minutes of "yellow" glare with potential to cause temporary after-image.





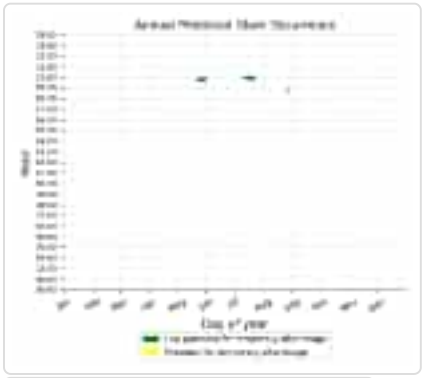


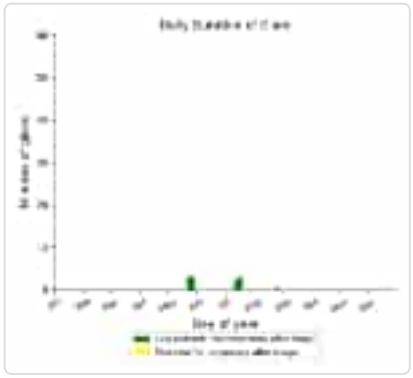


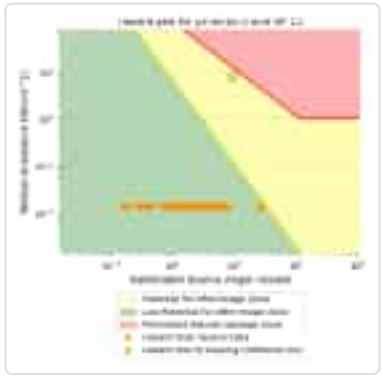
PV array 3: OP 13

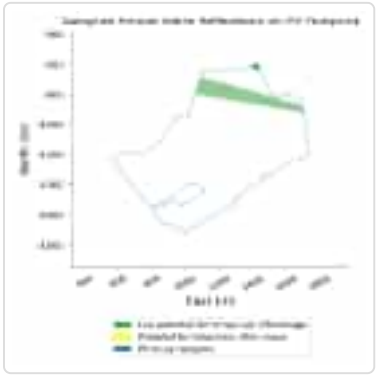
PV array is expected to produce the following glare for this receptor:

- 54 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 14

No glare found

PV array 3: OP 15

No glare found

PV array 3: OP 16

No glare found

PV array 3: OP 17

No glare found

PV array 3: OP 18

No glare found

PV array 3: OP 19

No glare found

PV array 3: OP 20

No glare found

PV array 3: OP 21

No glare found

PV array 3: OP 22

No glare found

PV array 3: OP 23

No glare found

PV array 3: OP 24

No glare found

PV array 3: OP 25

No glare found

PV array 3: OP 26

No glare found

PV array 3: OP 27

No glare found

PV array 3: OP 28

No glare found

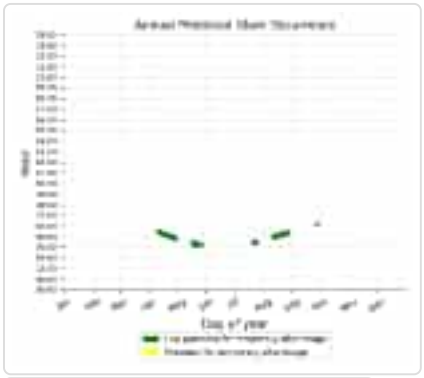
PV array 3: OP 29

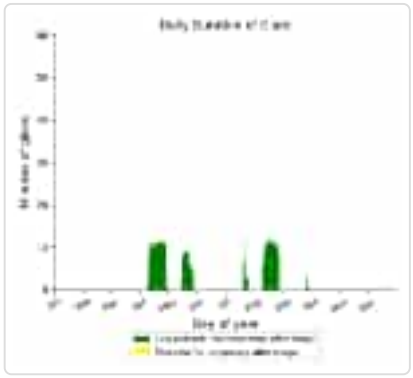
No glare found

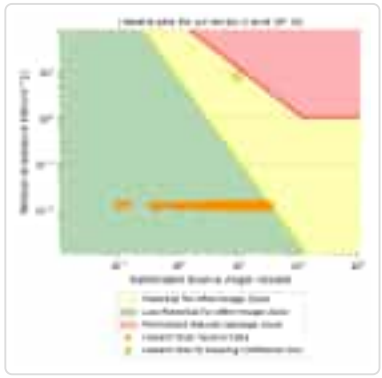
PV array 3: OP 30

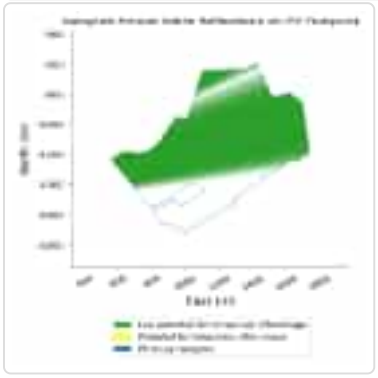
PV array is expected to produce the following glare for this receptor:

- 519 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





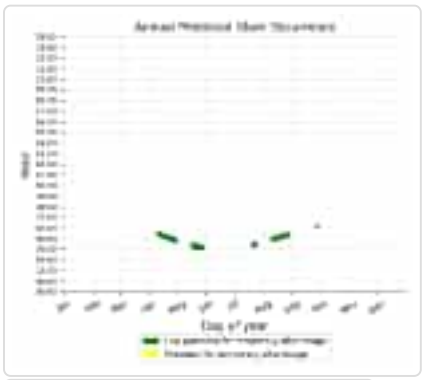


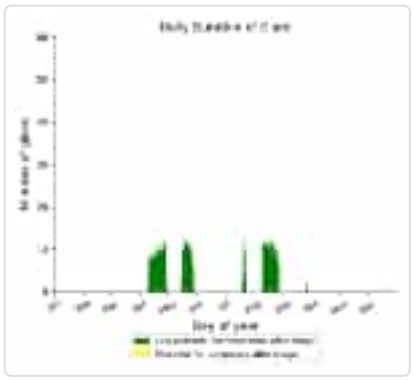


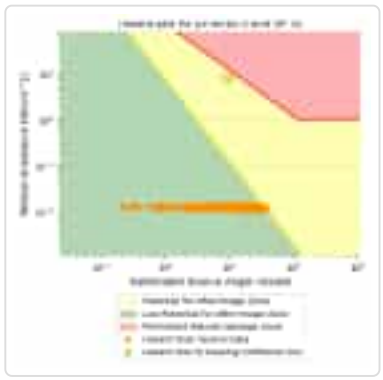
PV array 3: OP 31

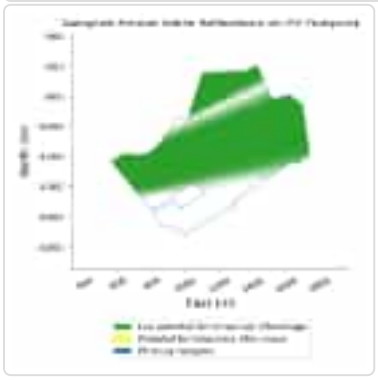
PV array is expected to produce the following glare for this receptor:

- 545 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





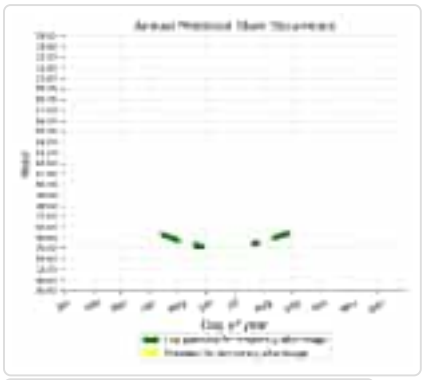


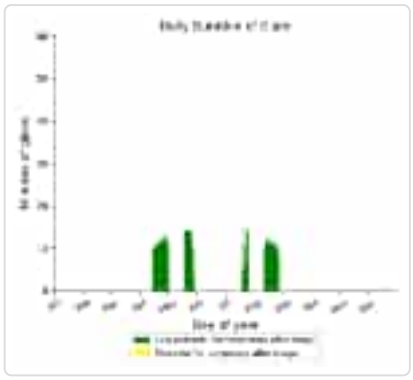


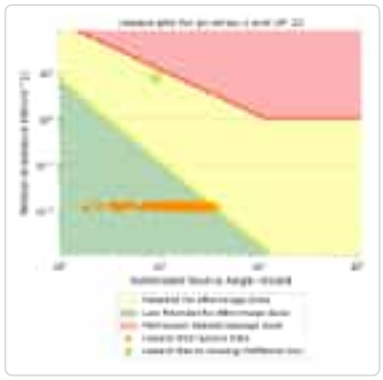
PV array 3: OP 32

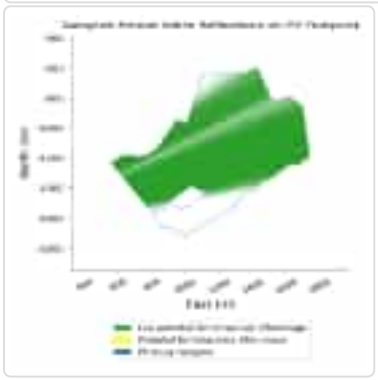
PV array is expected to produce the following glare for this receptor:

- 609 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





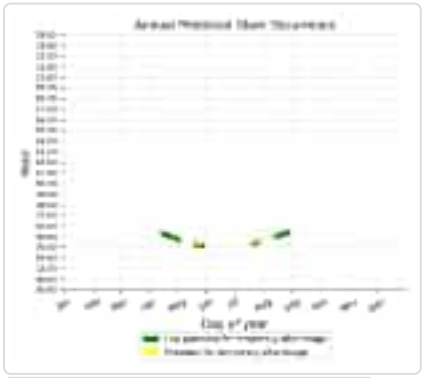


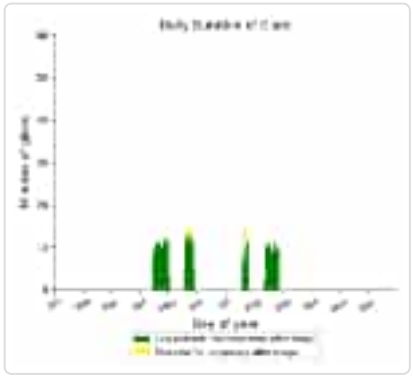


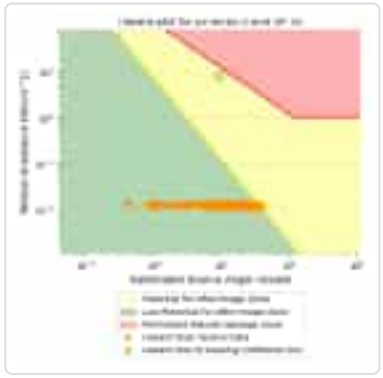
PV array 3: OP 33

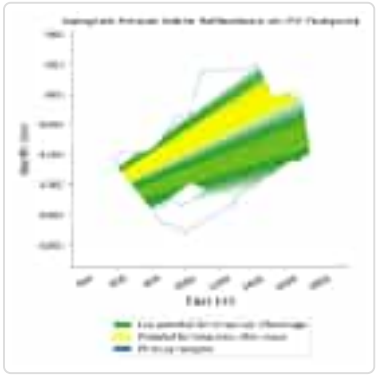
PV array is expected to produce the following glare for this receptor:

- 544 minutes of "green" glare with low potential to cause temporary after-image.
- 18 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 34

No glare found

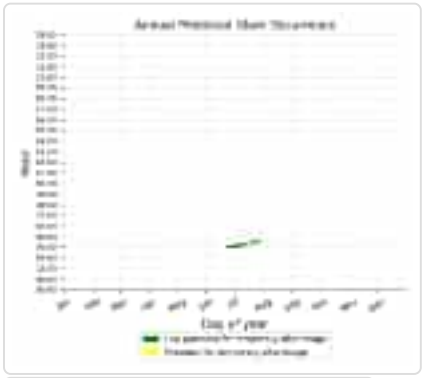
PV array 3: OP 35

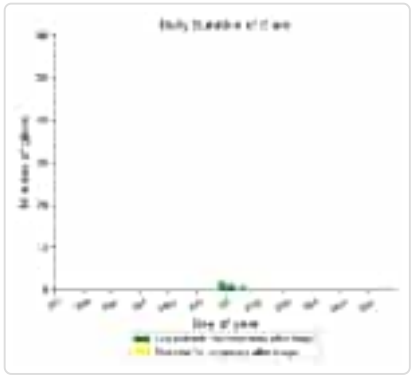
No glare found

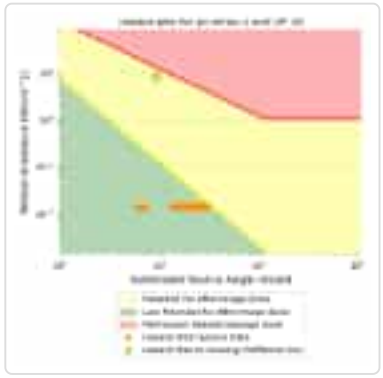
PV array 3: OP 36

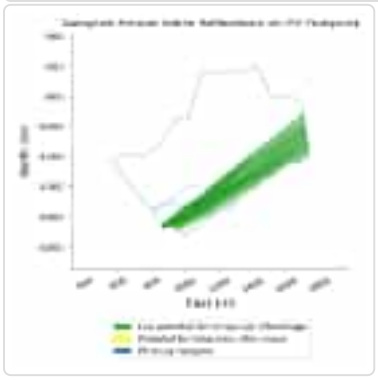
PV array is expected to produce the following glare for this receptor:

- 29 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









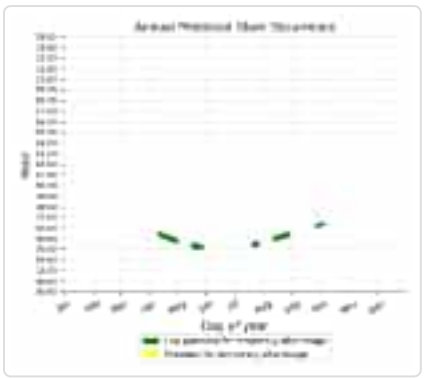
PV array 3: OP 37

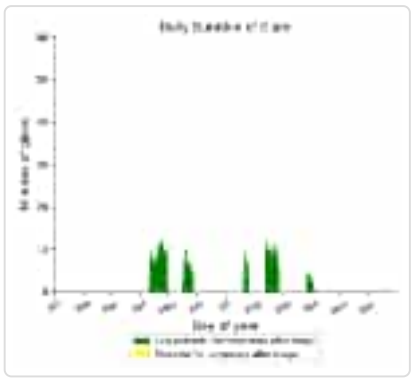
No glare found

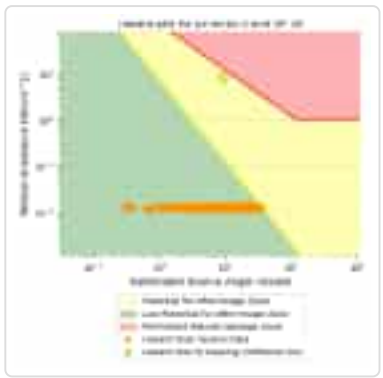
PV array 3: OP 38

PV array is expected to produce the following glare for this receptor:

- 467 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



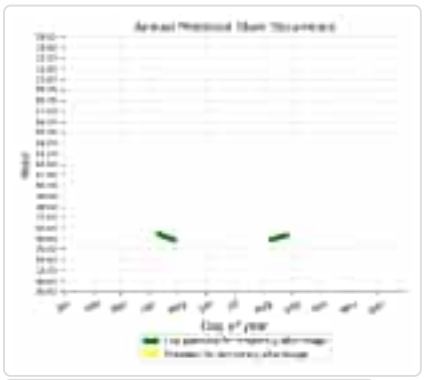


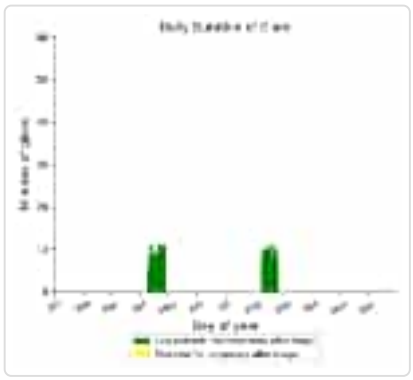


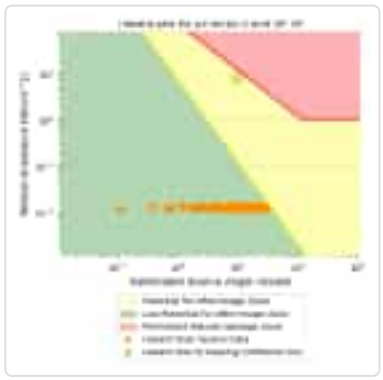
PV array 3: OP 39

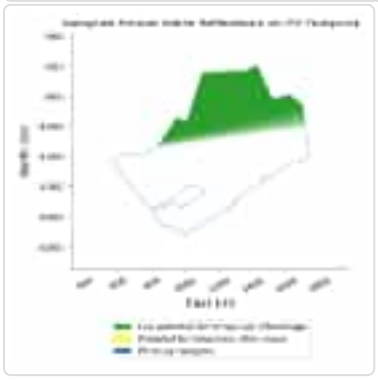
PV array is expected to produce the following glare for this receptor:

- 380 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





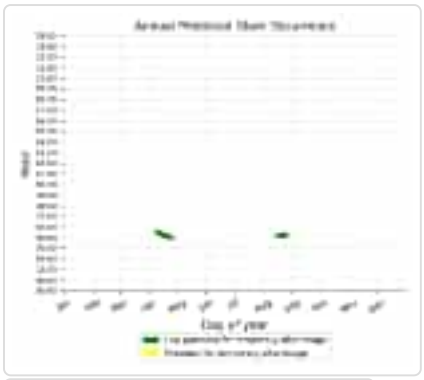


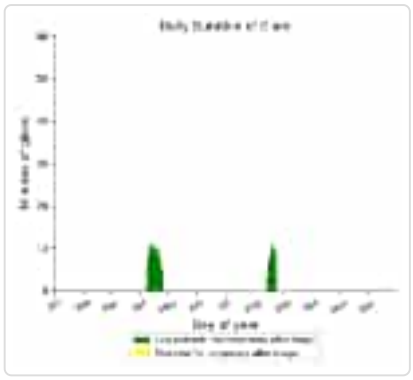


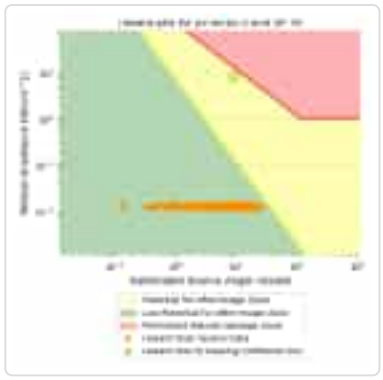
PV array 3: OP 40

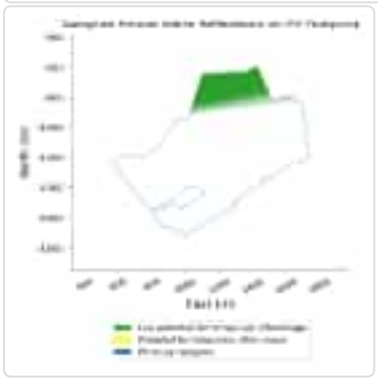
PV array is expected to produce the following glare for this receptor:

- 245 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





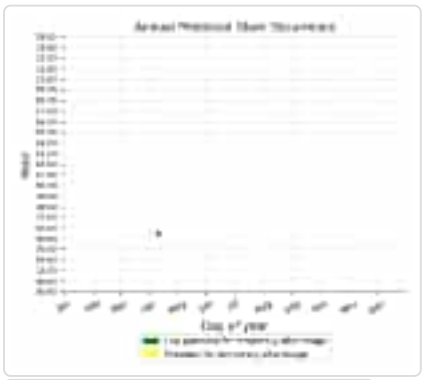


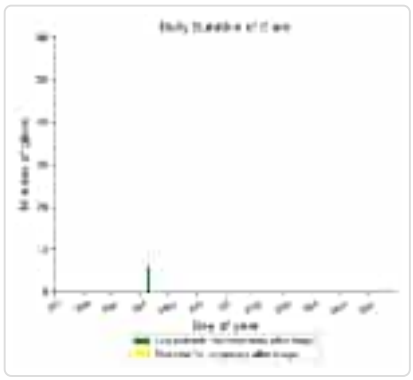


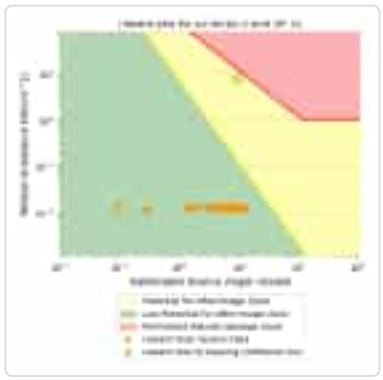
PV array 3: OP 41

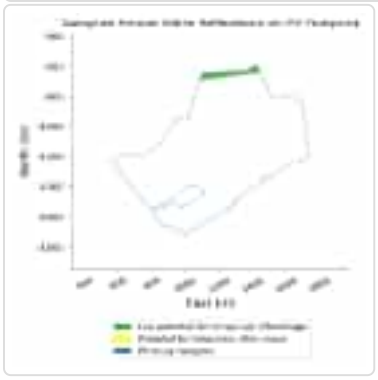
PV array is expected to produce the following glare for this receptor:

- 17 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





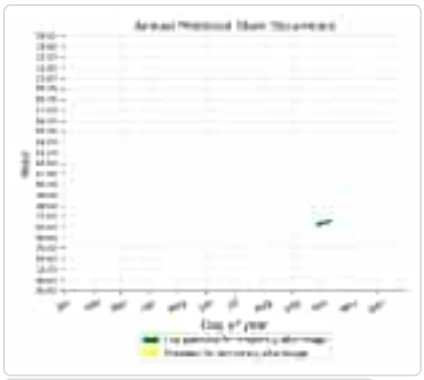


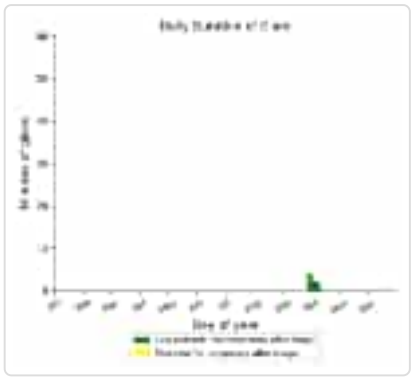


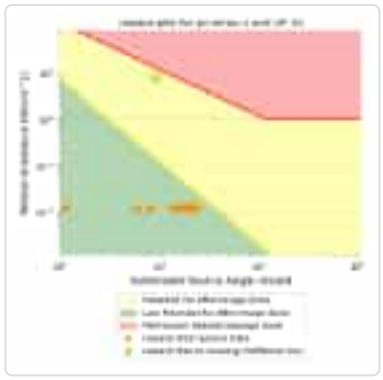
PV array 3: OP 42

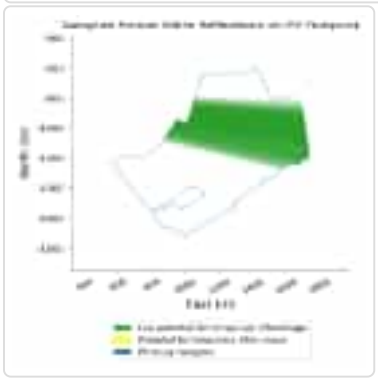
PV array is expected to produce the following glare for this receptor:

- 36 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 43

No glare found

PV array 3: OP 44

No glare found

PV array 3: OP 45

No glare found

PV array 3: OP 46

No glare found

PV array 3: OP 47

No glare found

PV array 3: OP 48

No glare found

PV array 3: OP 49

No glare found

PV array 3: OP 50

No glare found

PV array 3: OP 51

No glare found

PV array 3: OP 52

No glare found

PV array 3: OP 53

No glare found

PV array 3: OP 54

No glare found

PV array 3: OP 55

No glare found

PV array 3: OP 56

No glare found

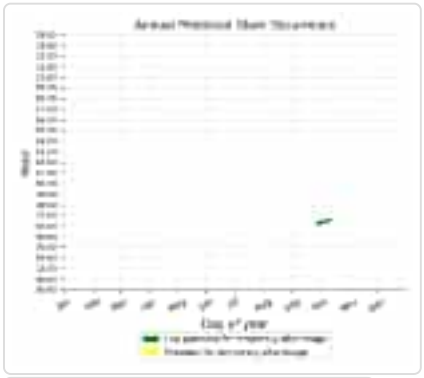
PV array 3: OP 57

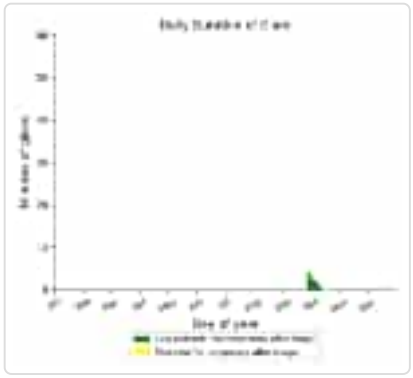
No glare found

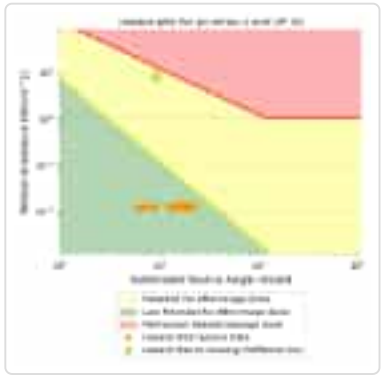
PV array 3: OP 58

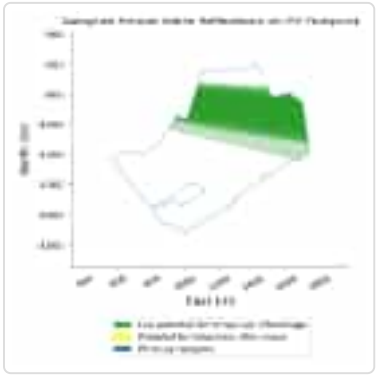
PV array is expected to produce the following glare for this receptor:

- 34 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





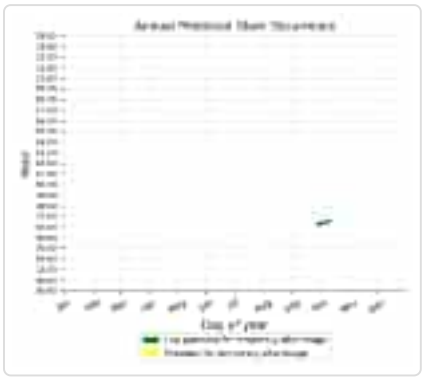


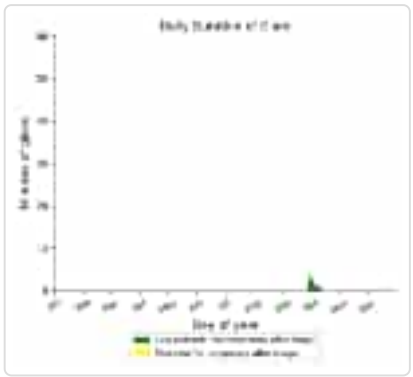


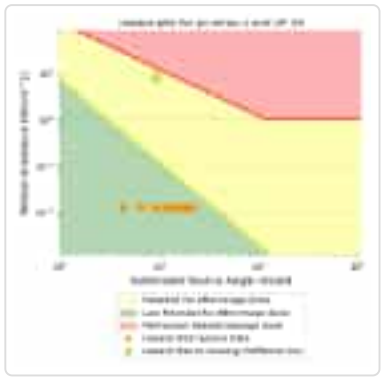
PV array 3: OP 59

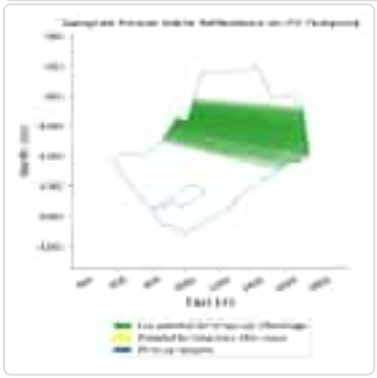
PV array is expected to produce the following glare for this receptor:

- 26 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 60

No glare found

PV array 3: OP 61

No glare found

PV array 3: OP 62

No glare found

PV array 3: OP 63

No glare found

PV array 3: OP 64

No glare found

PV array 3: OP 65

No glare found

PV array 3: OP 66

No glare found

PV array 3: OP 67

No glare found

PV array 3: OP 68

No glare found

PV array 3: OP 69

No glare found

PV array 3: OP 70

No glare found

PV array 3: OP 71

No glare found

PV array 3: OP 72

No glare found

PV array 3: OP 73

No glare found

PV array 3: OP 74

No glare found

PV array 3: OP 75

No glare found

PV array 3: OP 76

No glare found

PV array 3: OP 77

No glare found

PV array 3: OP 78

No glare found

PV array 3: OP 79

No glare found

PV array 3: OP 80

No glare found

PV array 4 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	17	0
OP: OP 13	43	0
OP: OP 14	71	0
OP: OP 15	72	0
OP: OP 16	52	0
OP: OP 17	20	0
OP: OP 18	72	0
OP: OP 19	81	0
OP: OP 20	72	0
OP: OP 21	29	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	290	0
OP: OP 26	555	0
OP: OP 27	594	0
OP: OP 28	606	35
OP: OP 29	325	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0

OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	15	0
OP: OP 47	51	0
OP: OP 48	59	0
OP: OP 49	130	0
OP: OP 50	92	0
OP: OP 51	138	0
OP: OP 52	174	0
OP: OP 53	201	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	164	0
OP: OP 61	376	32
OP: OP 62	394	185
OP: OP 63	474	173
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	282	0
OP: OP 67	404	282
OP: OP 68	399	422
OP: OP 69	402	363
OP: OP 70	729	86
OP: OP 71	610	9
OP: OP 72	461	0
OP: OP 73	293	0
OP: OP 74	262	0
OP: OP 75	369	0
OP: OP 76	0	0
OP: OP 77	428	601
OP: OP 78	439	365
OP: OP 79	219	4
OP: OP 80	197	119

PV array 4: OP 1

No glare found

PV array 4: OP 2

No glare found

PV array 4: OP 3

No glare found

PV array 4: OP 4

No glare found

PV array 4: OP 5

No glare found

PV array 4: OP 6

No glare found

PV array 4: OP 7

No glare found

PV array 4: OP 8

No glare found

PV array 4: OP 9

No glare found

PV array 4: OP 10

No glare found

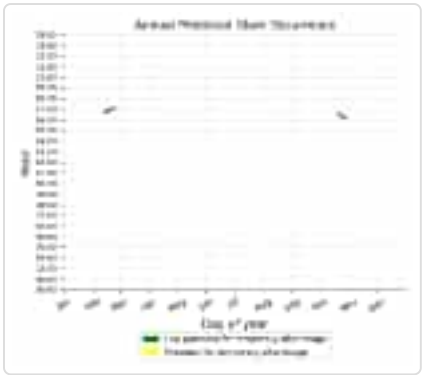
PV array 4: OP 11

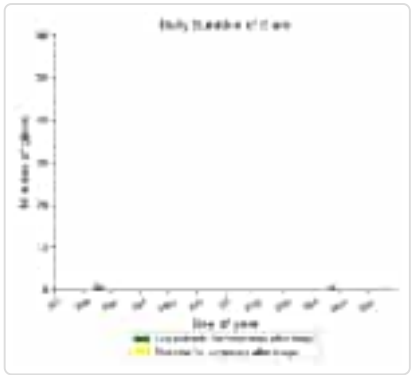
No glare found

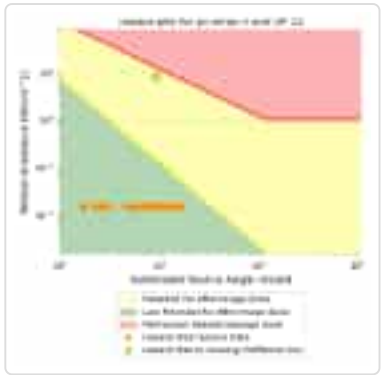
PV array 4: OP 12

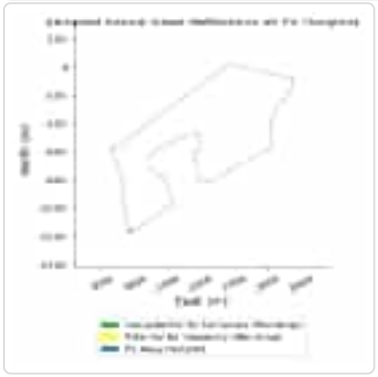
PV array is expected to produce the following glare for this receptor:

- 17 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





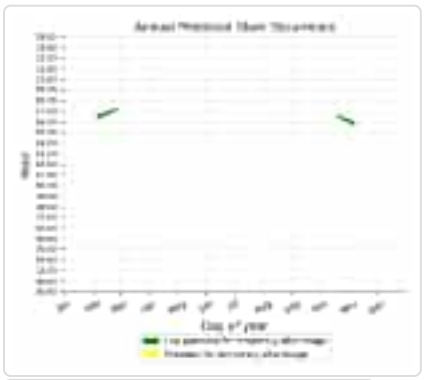


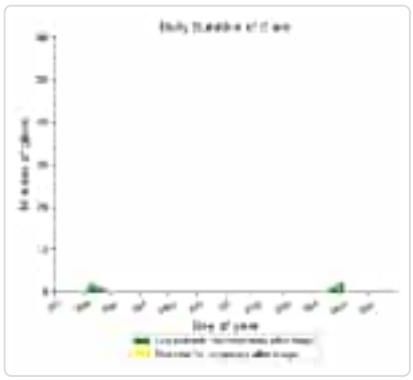


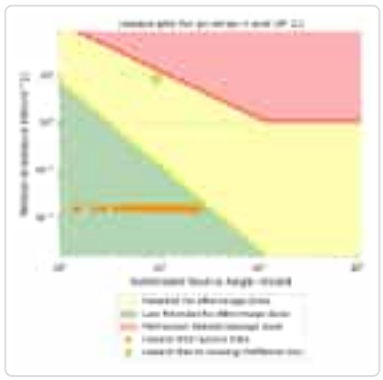
PV array 4: OP 13

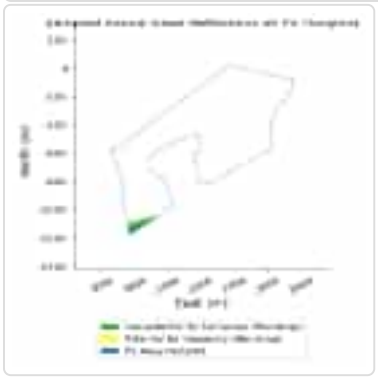
PV array is expected to produce the following glare for this receptor:

- 43 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





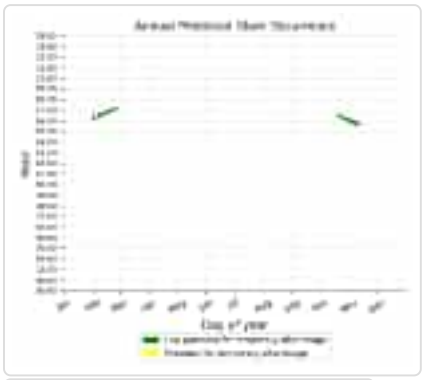


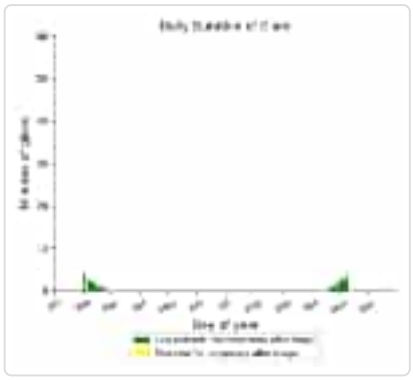


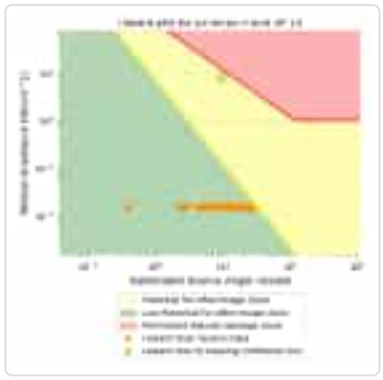
PV array 4: OP 14

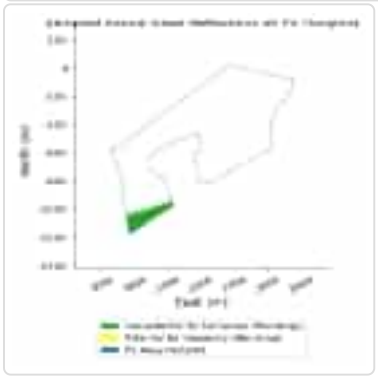
PV array is expected to produce the following glare for this receptor:

- 71 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





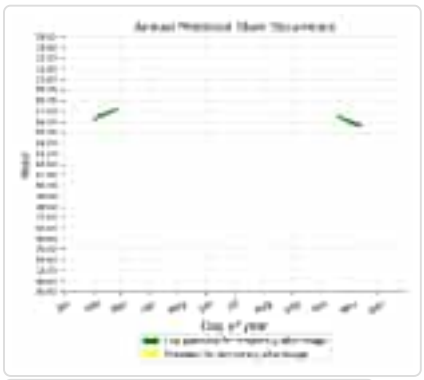


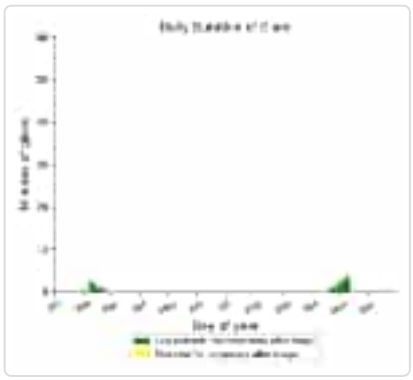


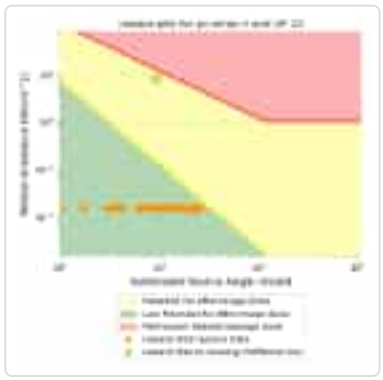
PV array 4: OP 15

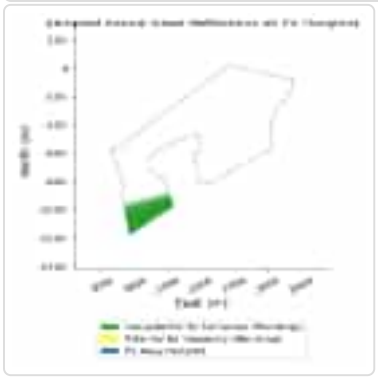
PV array is expected to produce the following glare for this receptor:

- 72 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





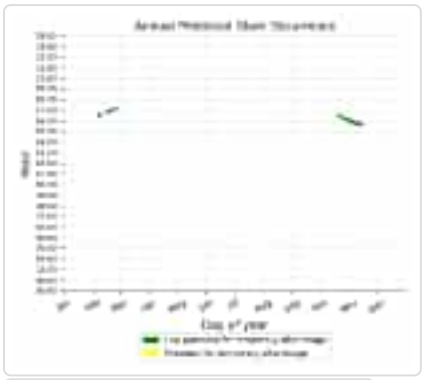


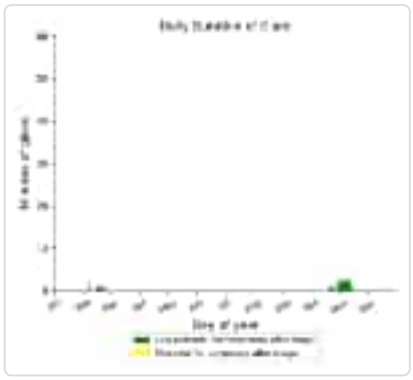


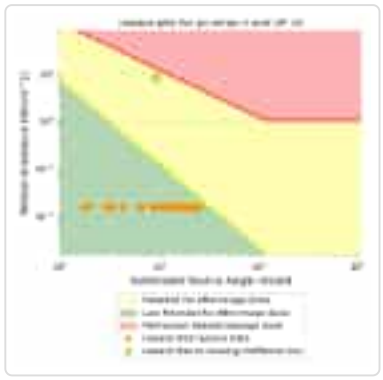
PV array 4: OP 16

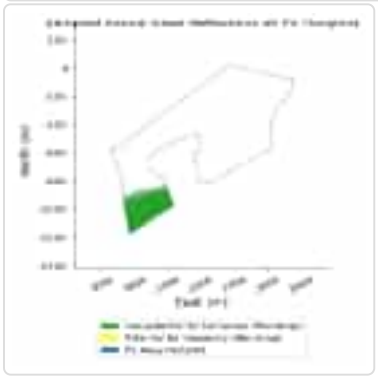
PV array is expected to produce the following glare for this receptor:

- 52 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





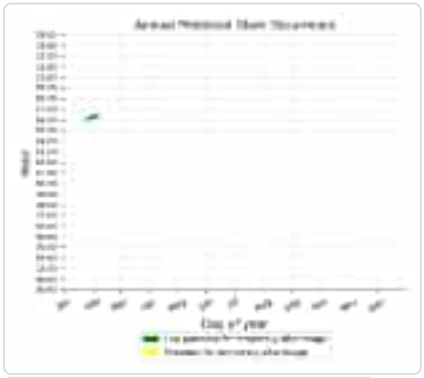


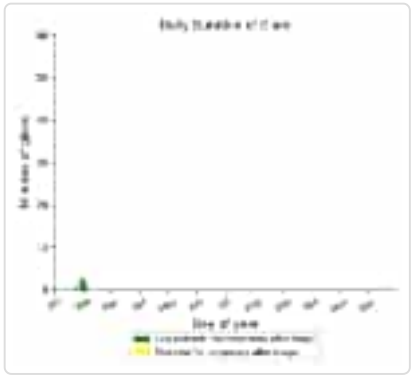


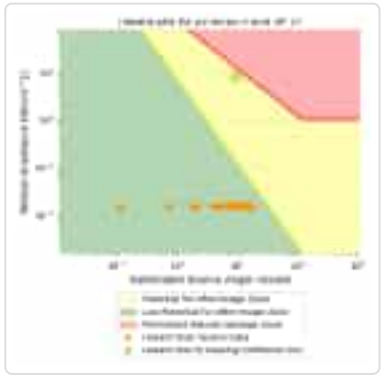
PV array 4: OP 17

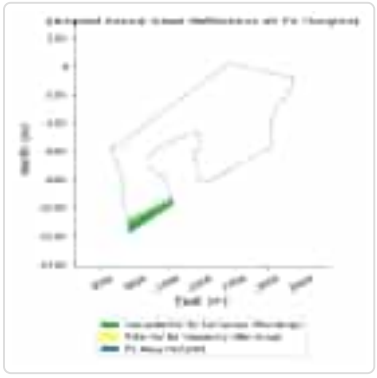
PV array is expected to produce the following glare for this receptor:

- 20 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





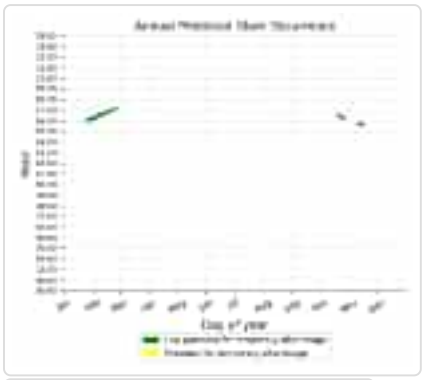


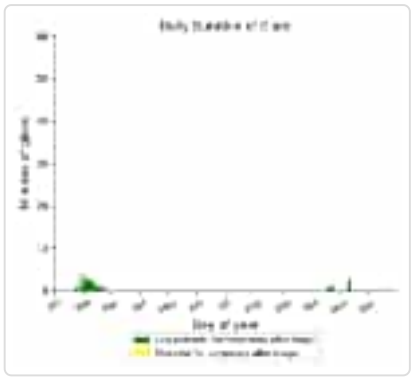


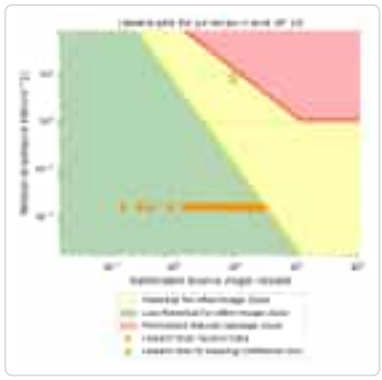
PV array 4: OP 18

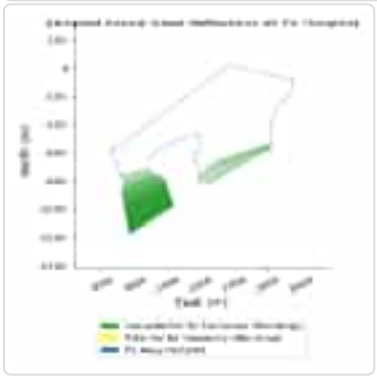
PV array is expected to produce the following glare for this receptor:

- 72 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





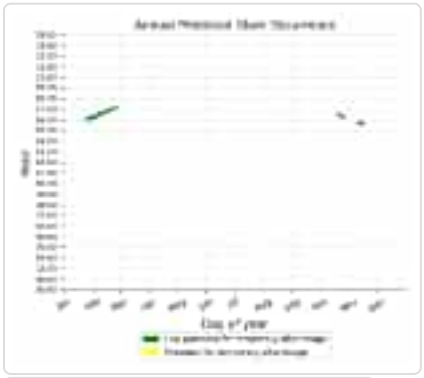


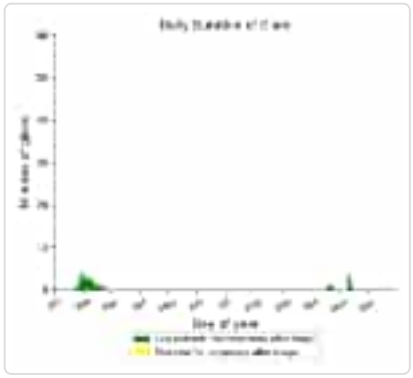


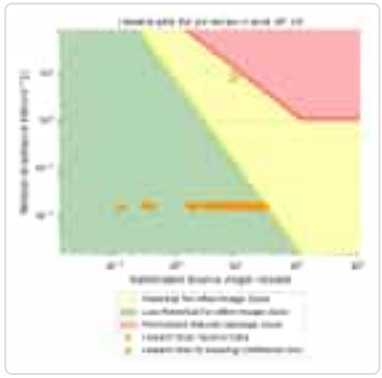
PV array 4: OP 19

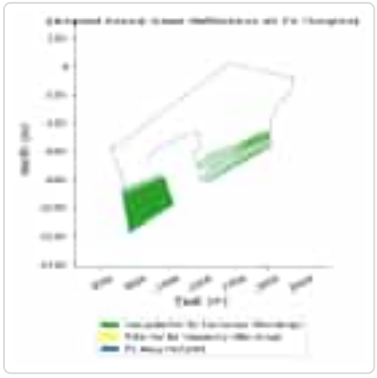
PV array is expected to produce the following glare for this receptor:

- 81 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





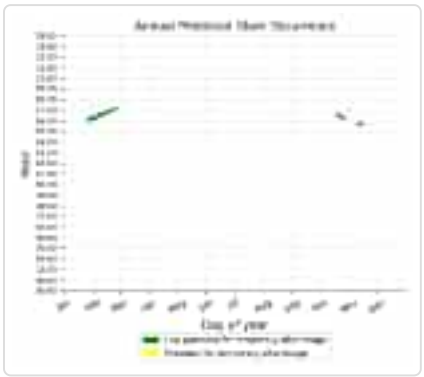


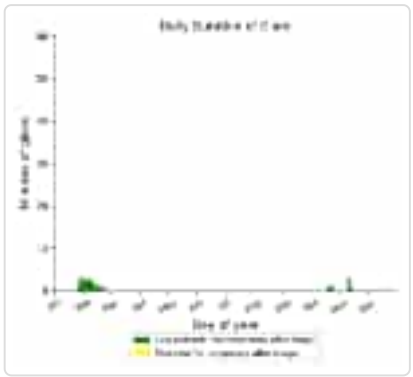


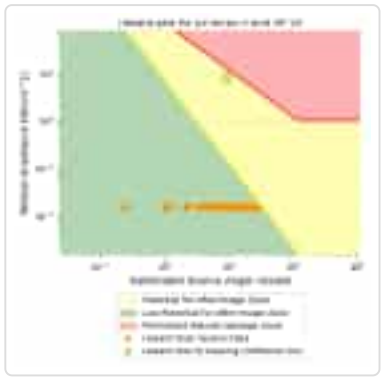
PV array 4: OP 20

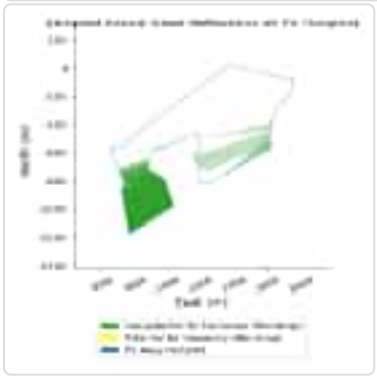
PV array is expected to produce the following glare for this receptor:

- 72 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





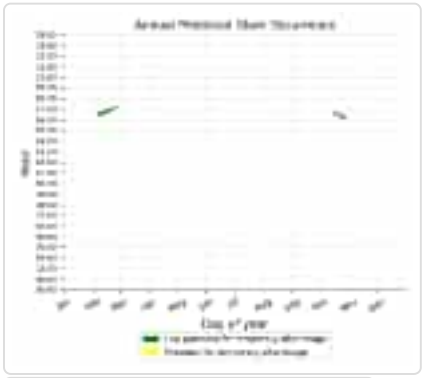


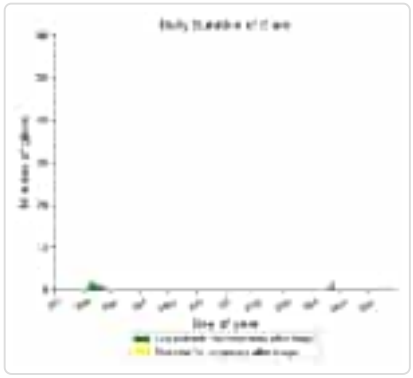


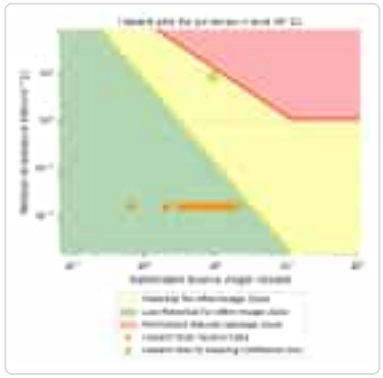
PV array 4: OP 21

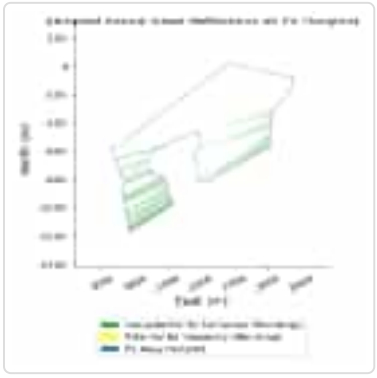
PV array is expected to produce the following glare for this receptor:

- 29 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 22

No glare found

PV array 4: OP 23

No glare found

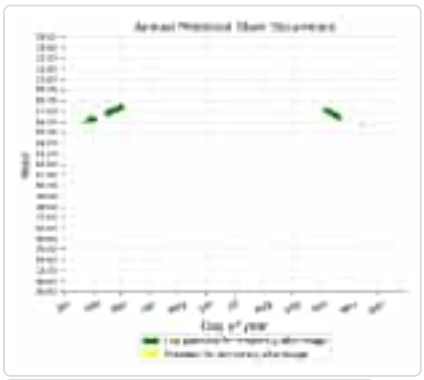
PV array 4: OP 24

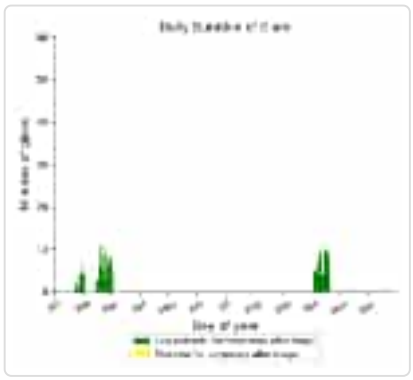
No glare found

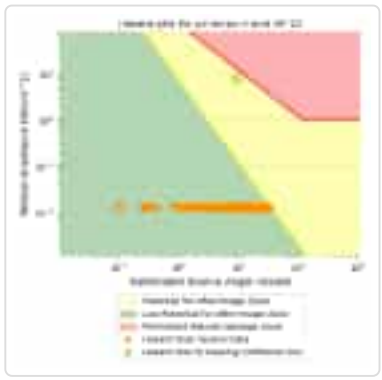
PV array 4: OP 25

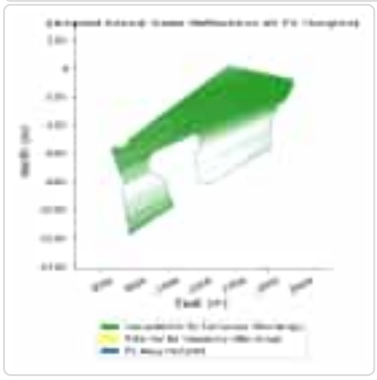
PV array is expected to produce the following glare for this receptor:

- 290 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





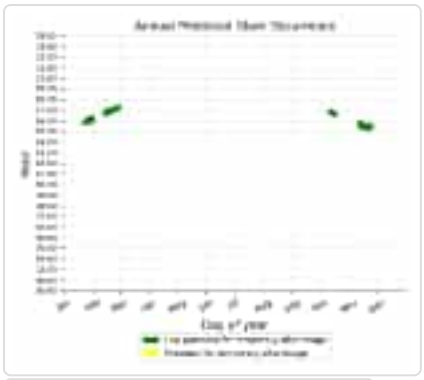


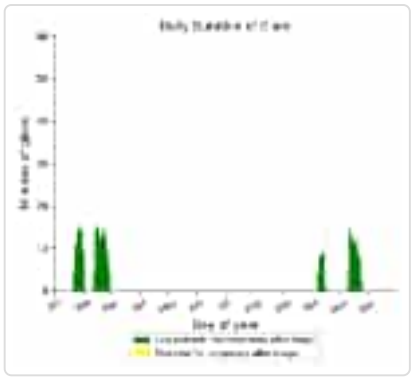


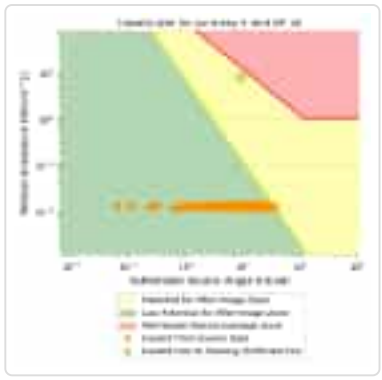
PV array 4: OP 26

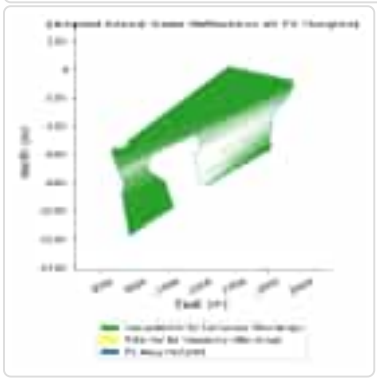
PV array is expected to produce the following glare for this receptor:

- 555 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





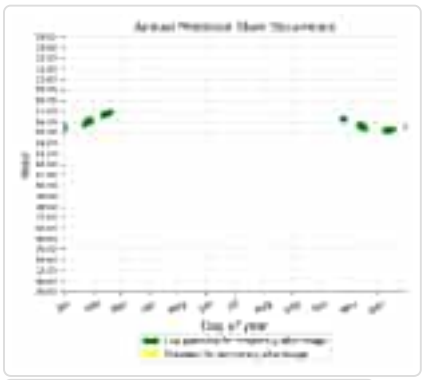


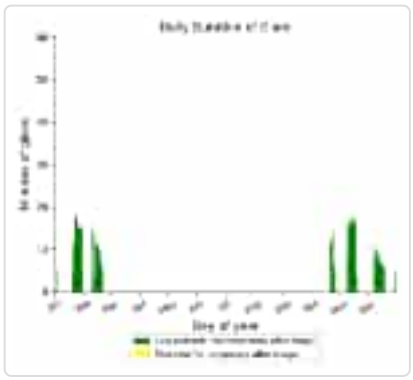


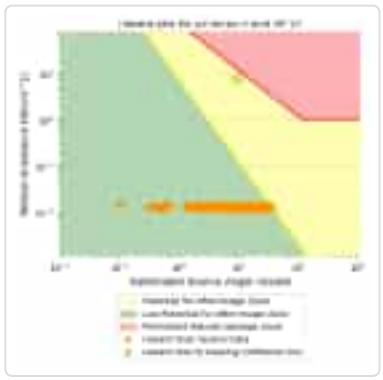
PV array 4: OP 27

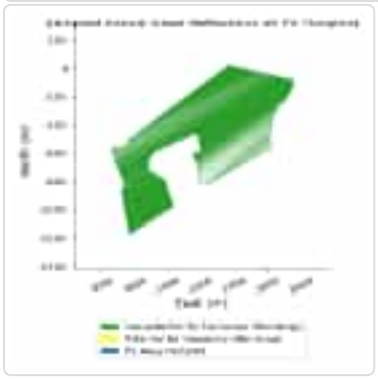
PV array is expected to produce the following glare for this receptor:

- 594 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





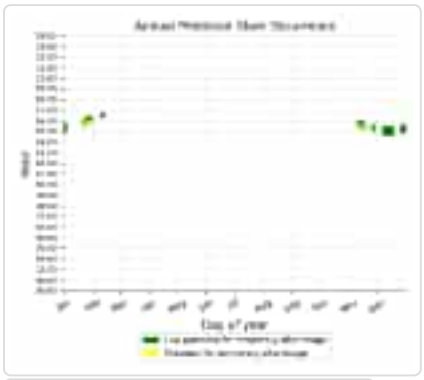


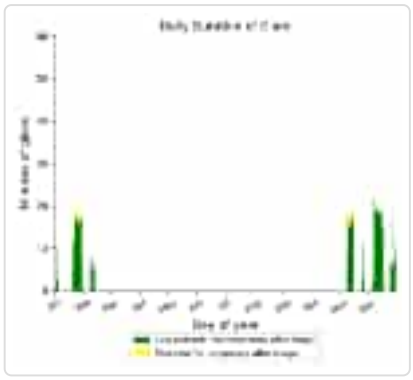


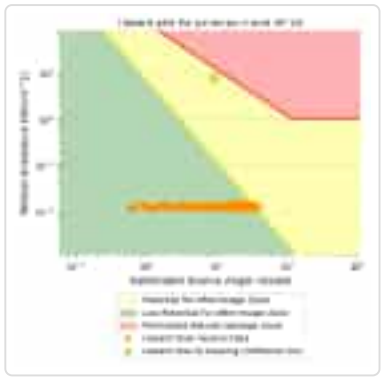
PV array 4: OP 28

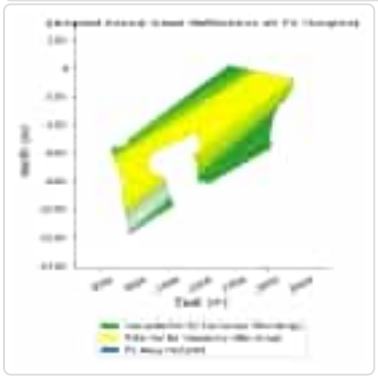
PV array is expected to produce the following glare for this receptor:

- 606 minutes of "green" glare with low potential to cause temporary after-image.
- 35 minutes of "yellow" glare with potential to cause temporary after-image.





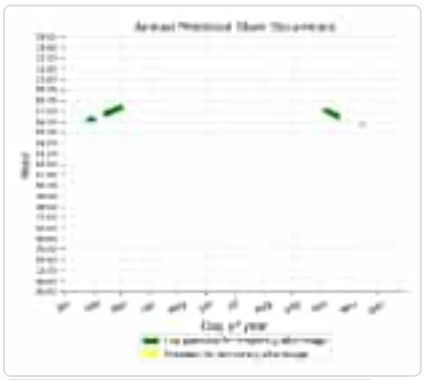


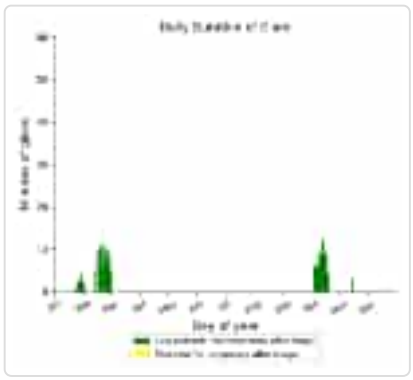


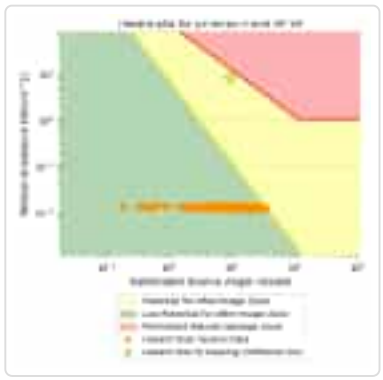
PV array 4: OP 29

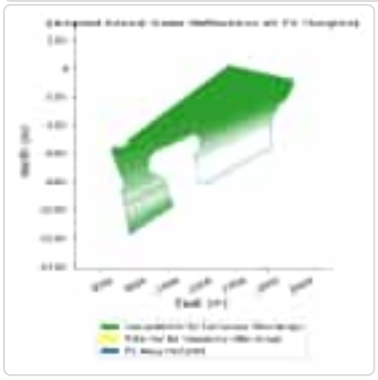
PV array is expected to produce the following glare for this receptor:

- 325 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 30

No glare found

PV array 4: OP 31

No glare found

PV array 4: OP 32

No glare found

PV array 4: OP 33

No glare found

PV array 4: OP 34

No glare found

PV array 4: OP 35

No glare found

PV array 4: OP 36

No glare found

PV array 4: OP 37

No glare found

PV array 4: OP 38

No glare found

PV array 4: OP 39

No glare found

PV array 4: OP 40

No glare found

PV array 4: OP 41

No glare found

PV array 4: OP 42

No glare found

PV array 4: OP 43

No glare found

PV array 4: OP 44

No glare found

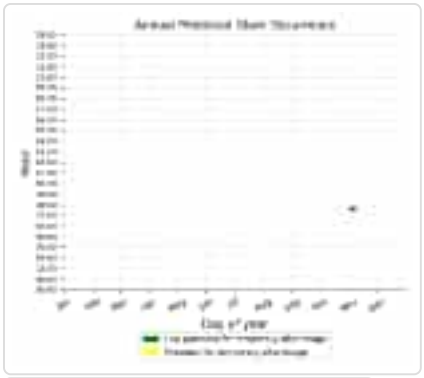
PV array 4: OP 45

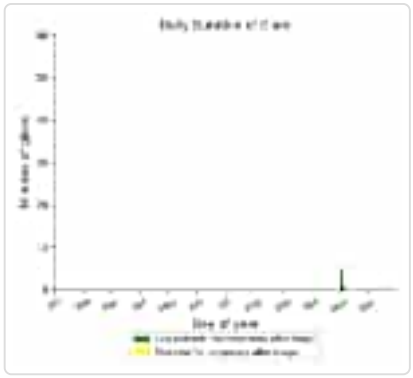
No glare found

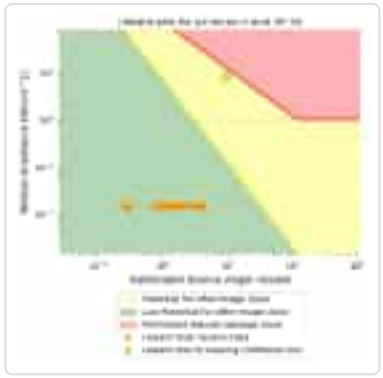
PV array 4: OP 46

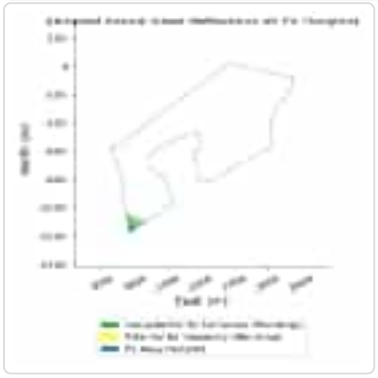
PV array is expected to produce the following glare for this receptor:

- 15 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





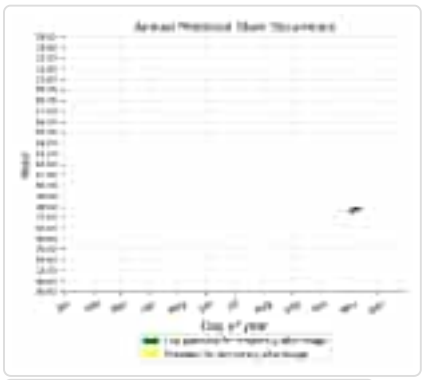


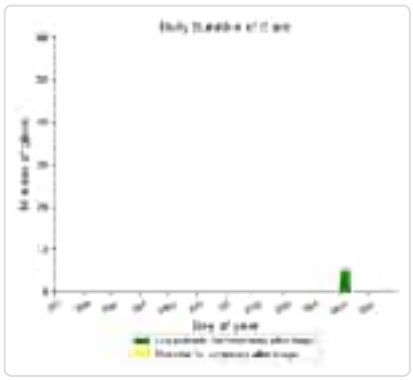


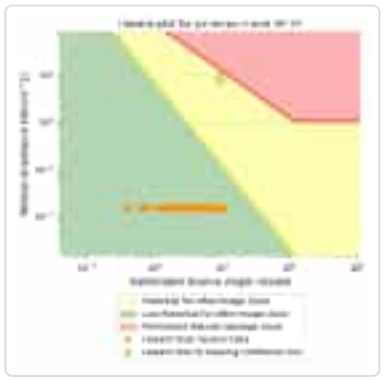
PV array 4: OP 47

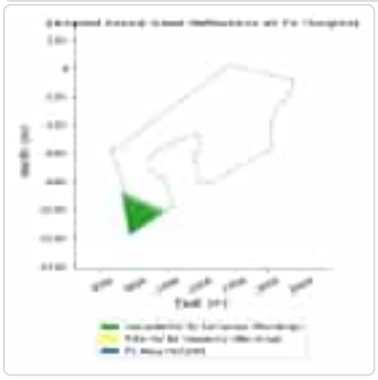
PV array is expected to produce the following glare for this receptor:

- 51 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





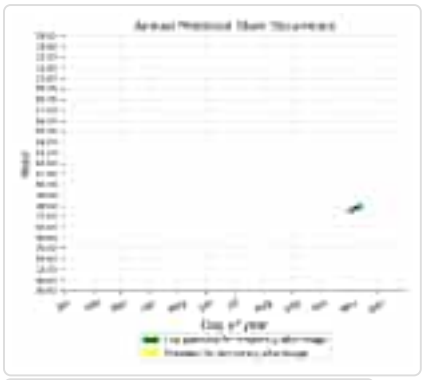


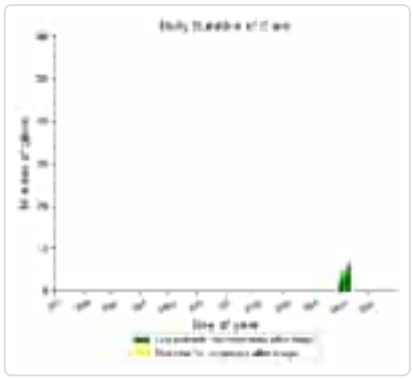


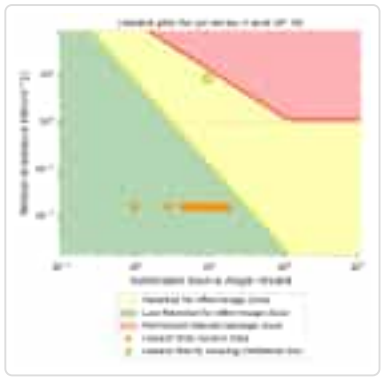
PV array 4: OP 48

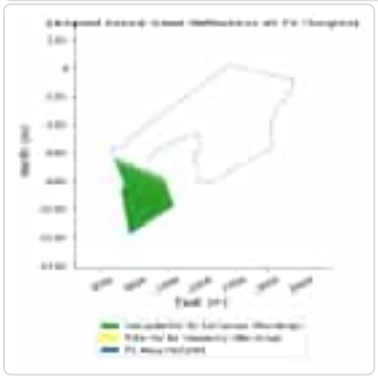
PV array is expected to produce the following glare for this receptor:

- 59 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





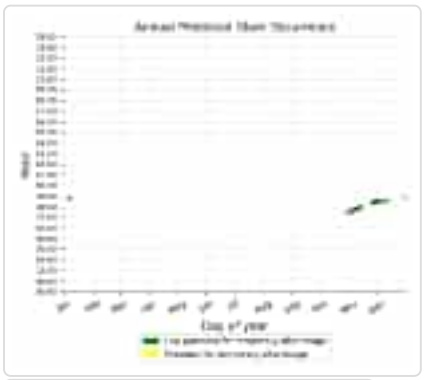


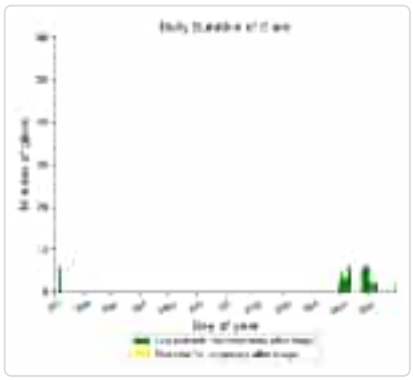


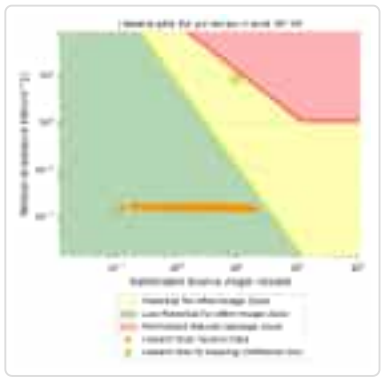
PV array 4: OP 49

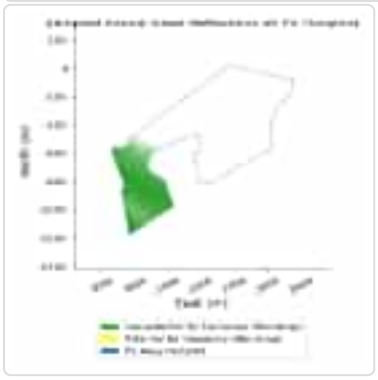
PV array is expected to produce the following glare for this receptor:

- 130 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





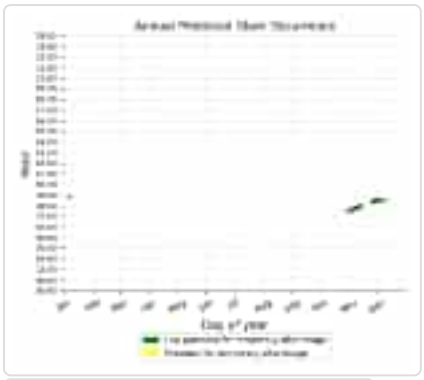


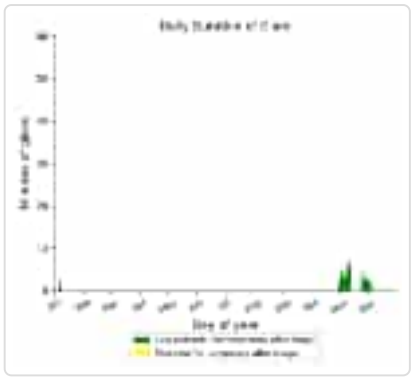


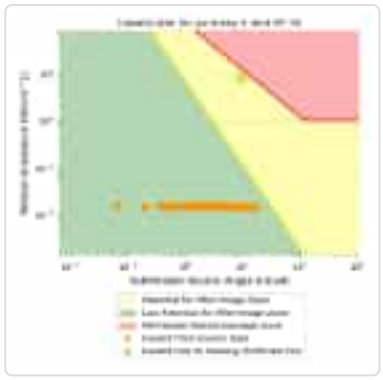
PV array 4: OP 50

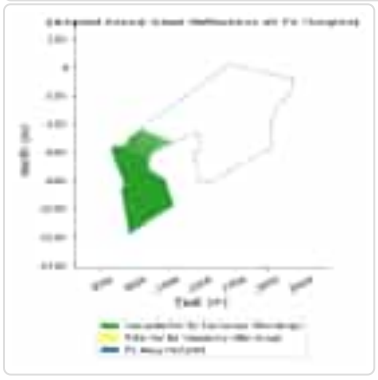
PV array is expected to produce the following glare for this receptor:

- 92 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





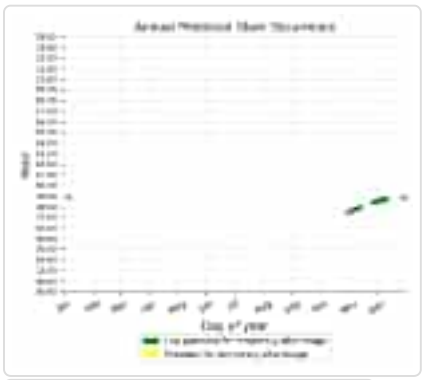


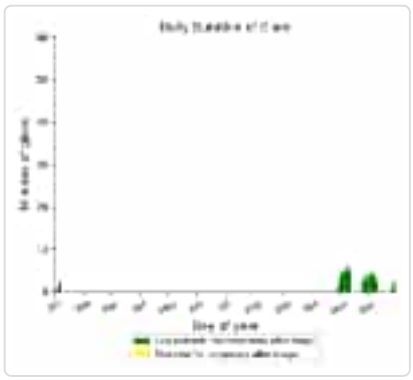


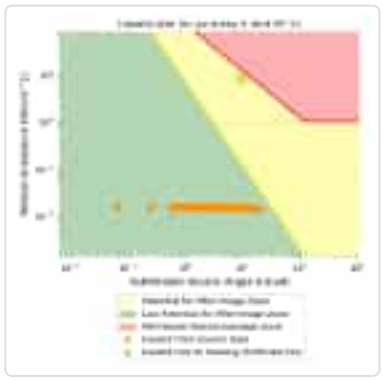
PV array 4: OP 51

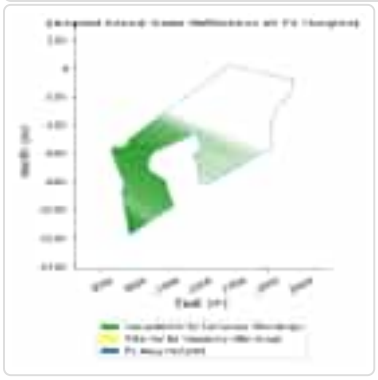
PV array is expected to produce the following glare for this receptor:

- 138 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





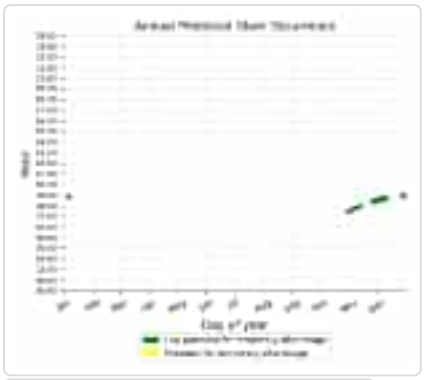


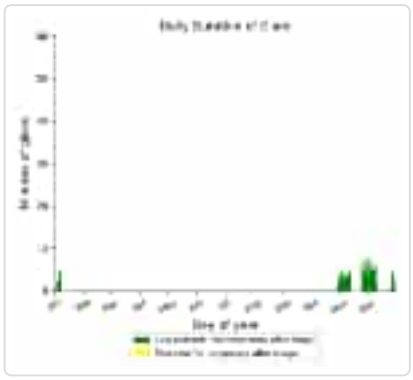


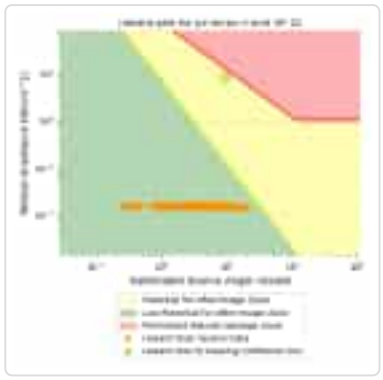
PV array 4: OP 52

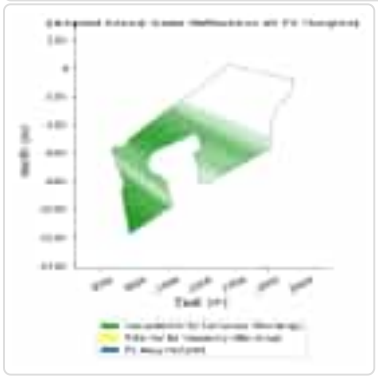
PV array is expected to produce the following glare for this receptor:

- 174 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





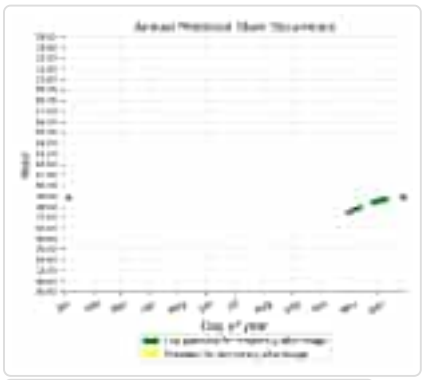


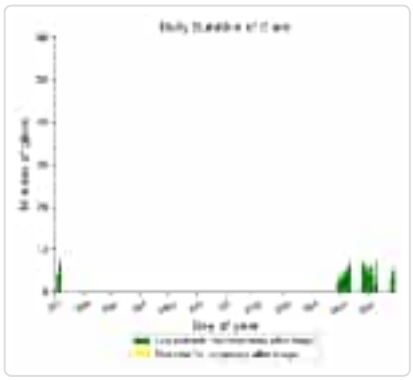


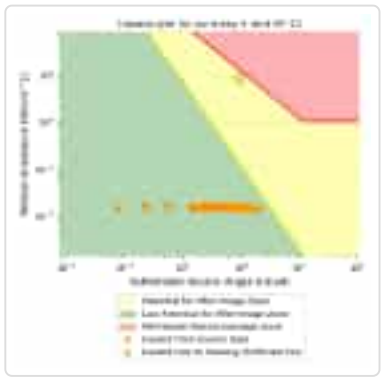
PV array 4: OP 53

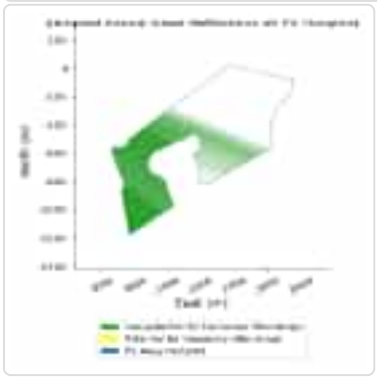
PV array is expected to produce the following glare for this receptor:

- 201 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 54

No glare found

PV array 4: OP 55

No glare found

PV array 4: OP 56

No glare found

PV array 4: OP 57

No glare found

PV array 4: OP 58

No glare found

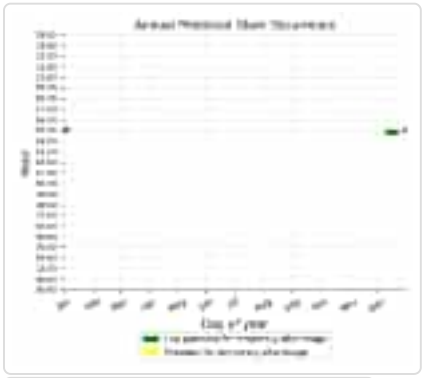
PV array 4: OP 59

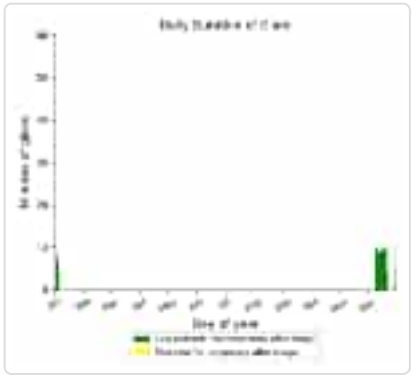
No glare found

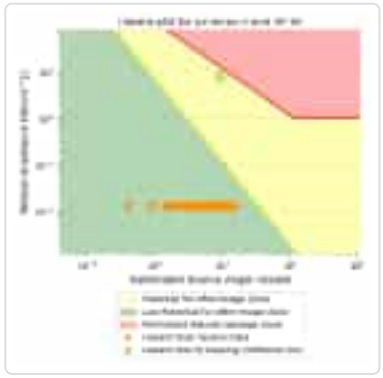
PV array 4: OP 60

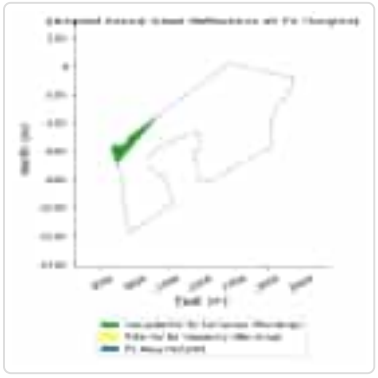
PV array is expected to produce the following glare for this receptor:

- 164 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





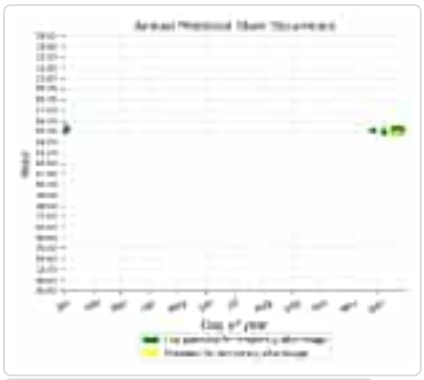


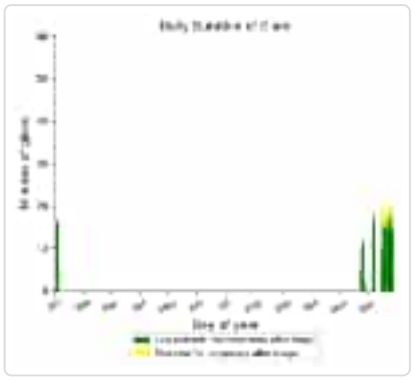


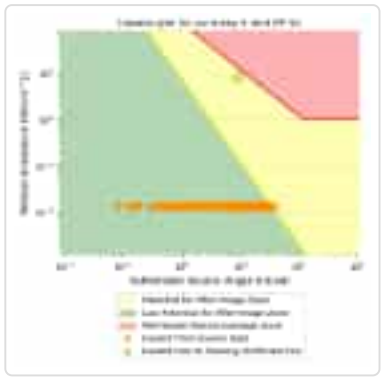
PV array 4: OP 61

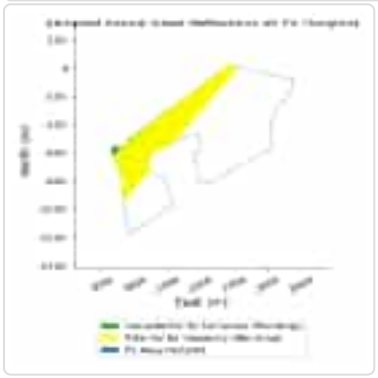
PV array is expected to produce the following glare for this receptor:

- 376 minutes of "green" glare with low potential to cause temporary after-image.
- 32 minutes of "yellow" glare with potential to cause temporary after-image.





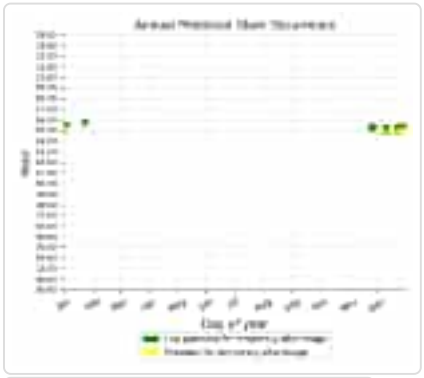


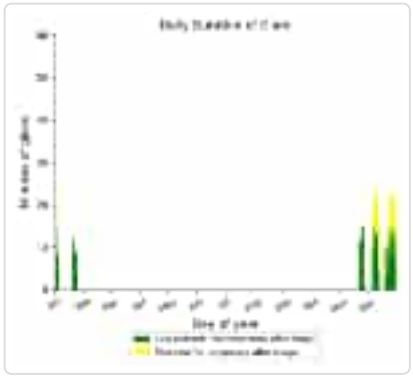


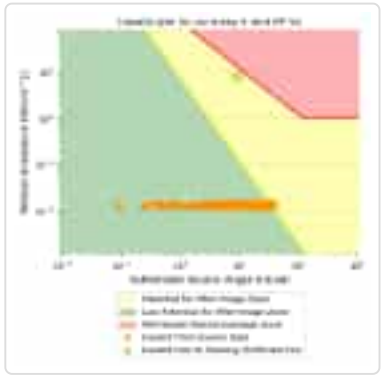
PV array 4: OP 62

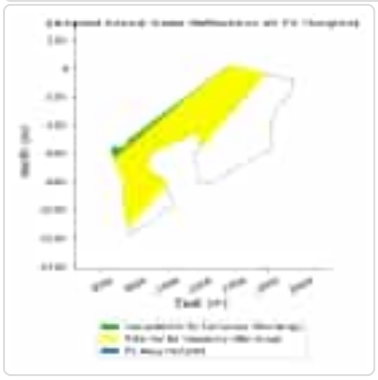
PV array is expected to produce the following glare for this receptor:

- 394 minutes of "green" glare with low potential to cause temporary after-image.
- 185 minutes of "yellow" glare with potential to cause temporary after-image.





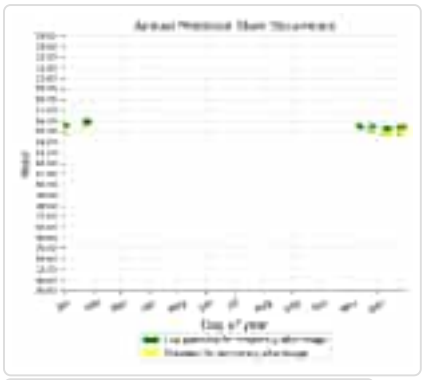


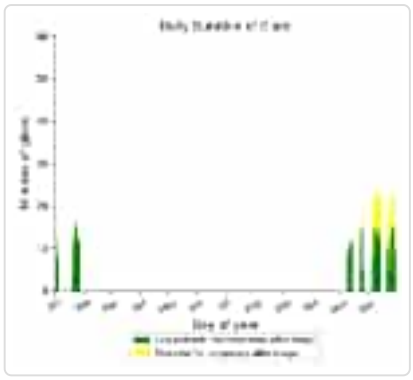


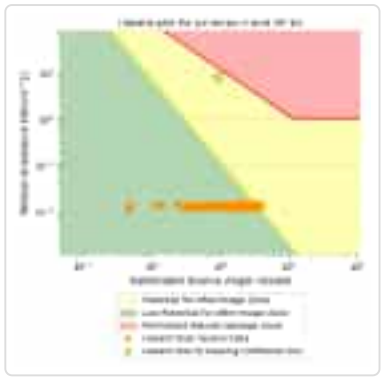
PV array 4: OP 63

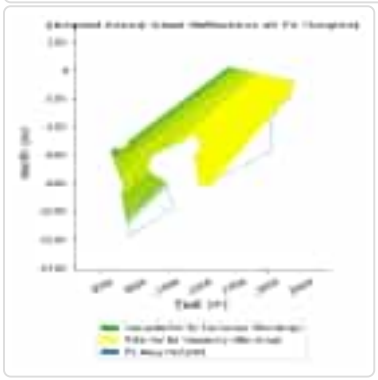
PV array is expected to produce the following glare for this receptor:

- 474 minutes of "green" glare with low potential to cause temporary after-image.
- 173 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 64

No glare found

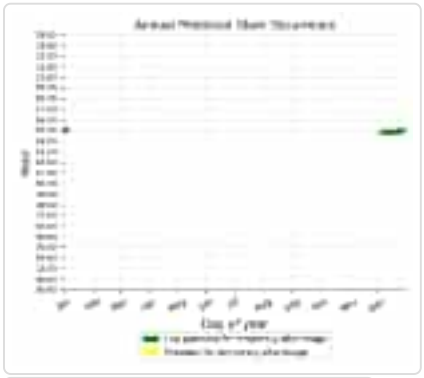
PV array 4: OP 65

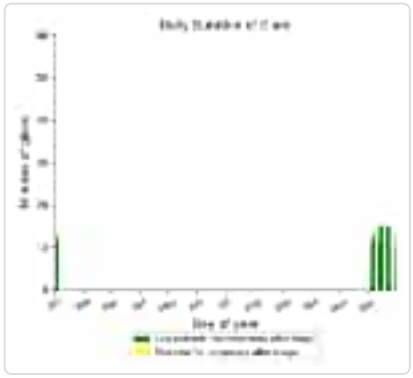
No glare found

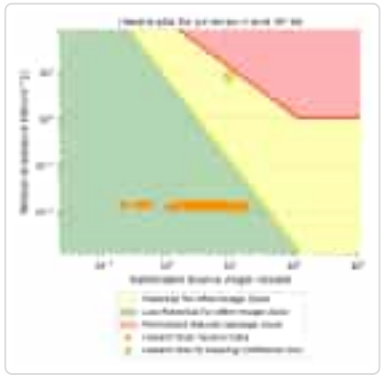
PV array 4: OP 66

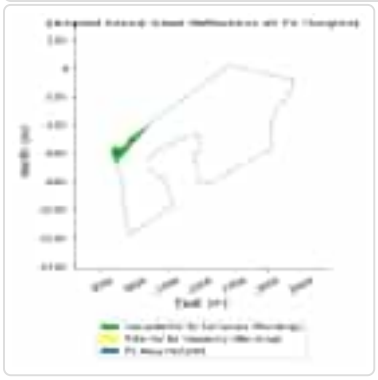
PV array is expected to produce the following glare for this receptor:

- 282 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





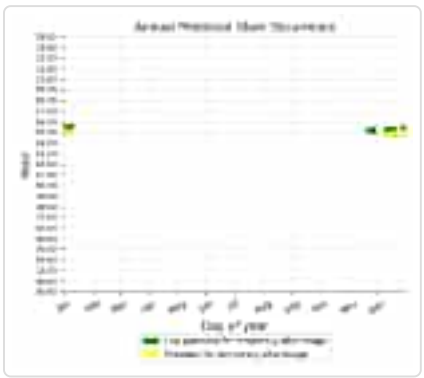


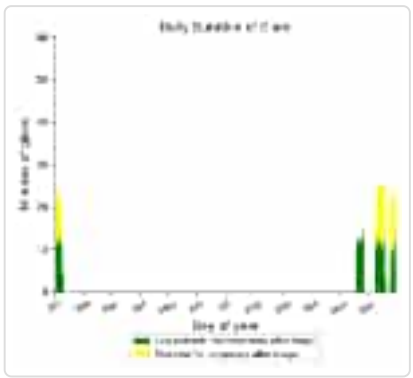


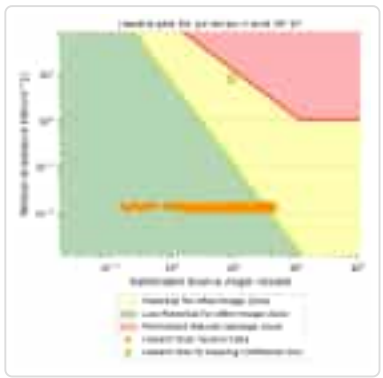
PV array 4: OP 67

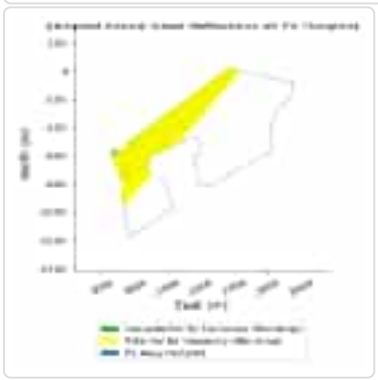
PV array is expected to produce the following glare for this receptor:

- 404 minutes of "green" glare with low potential to cause temporary after-image.
- 282 minutes of "yellow" glare with potential to cause temporary after-image.





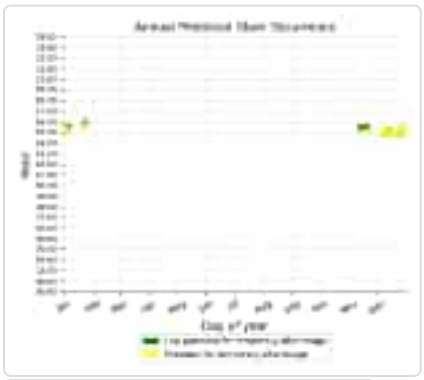


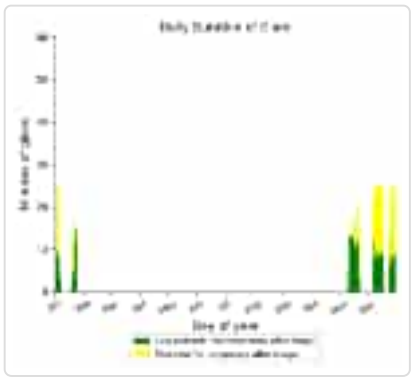


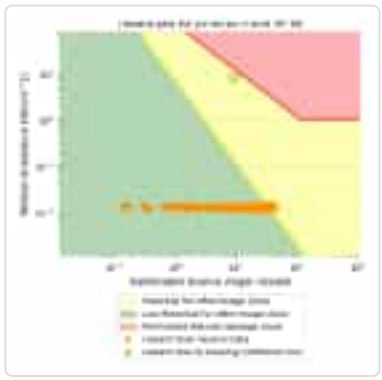
PV array 4: OP 68

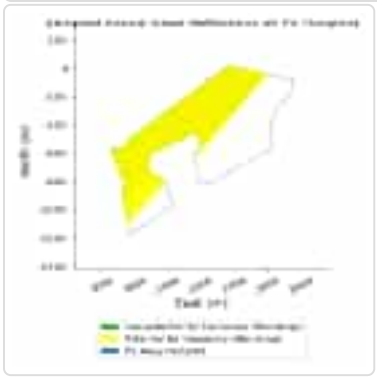
PV array is expected to produce the following glare for this receptor:

- 399 minutes of "green" glare with low potential to cause temporary after-image.
- 422 minutes of "yellow" glare with potential to cause temporary after-image.





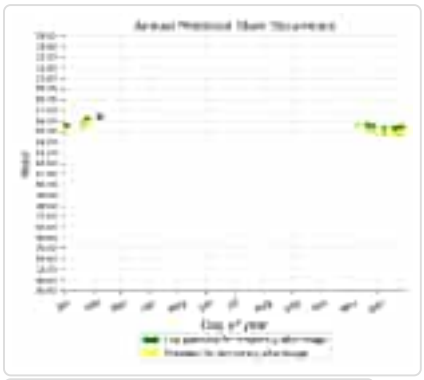


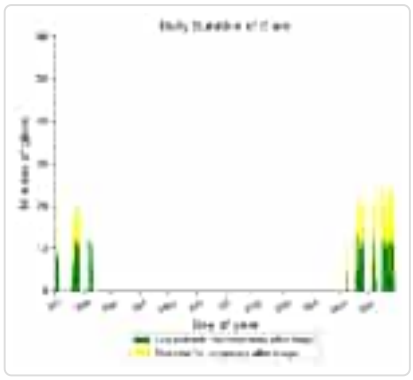


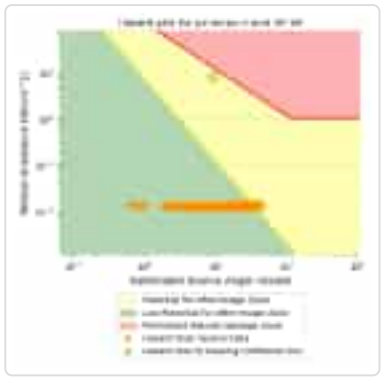
PV array 4: OP 69

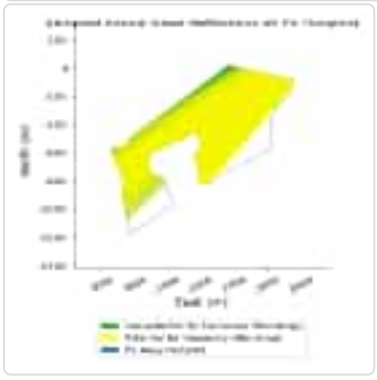
PV array is expected to produce the following glare for this receptor:

- 402 minutes of "green" glare with low potential to cause temporary after-image.
- 363 minutes of "yellow" glare with potential to cause temporary after-image.





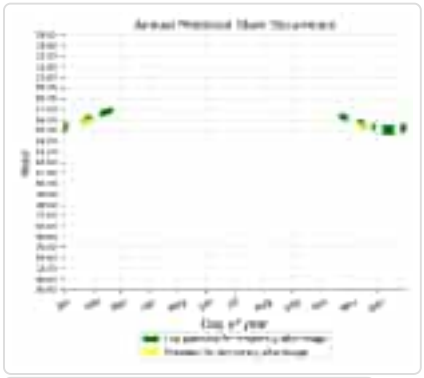


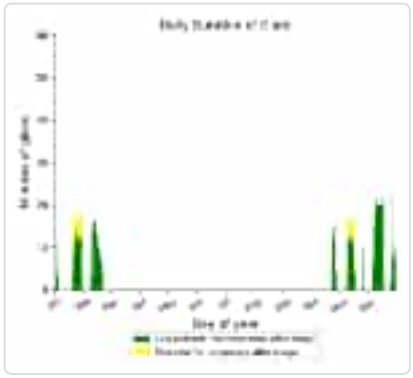


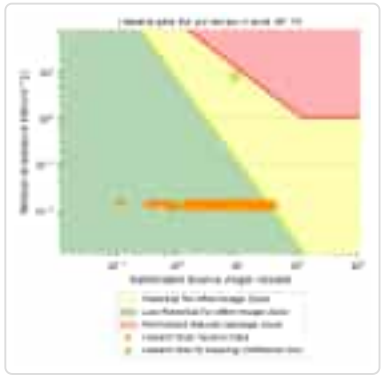
PV array 4: OP 70

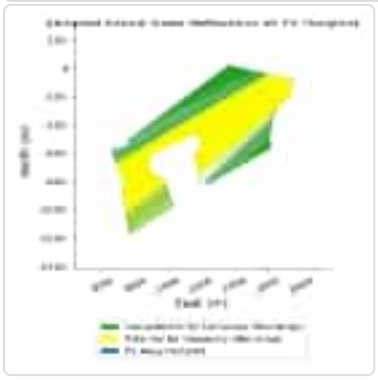
PV array is expected to produce the following glare for this receptor:

- 729 minutes of "green" glare with low potential to cause temporary after-image.
- 86 minutes of "yellow" glare with potential to cause temporary after-image.





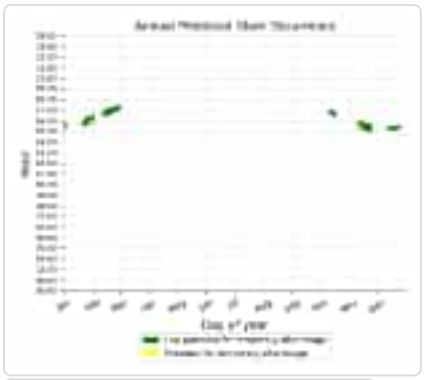


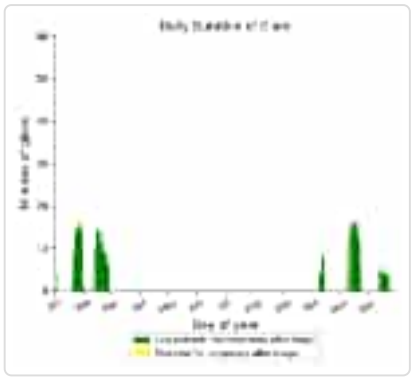


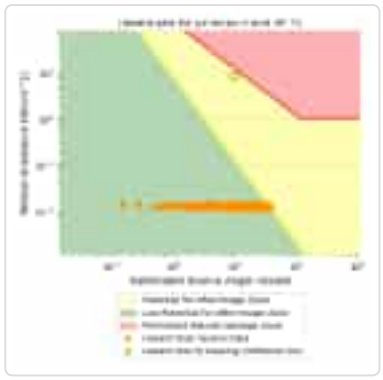
PV array 4: OP 71

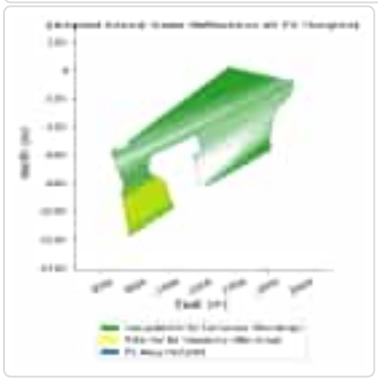
PV array is expected to produce the following glare for this receptor:

- 610 minutes of "green" glare with low potential to cause temporary after-image.
- 9 minutes of "yellow" glare with potential to cause temporary after-image.





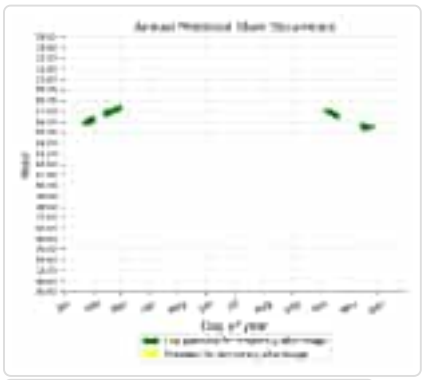


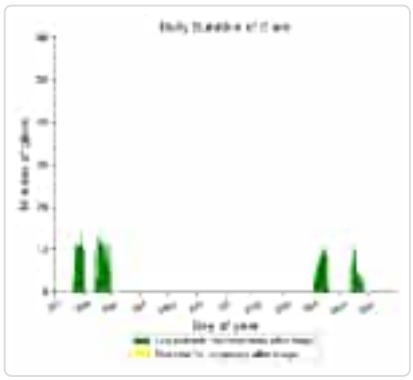


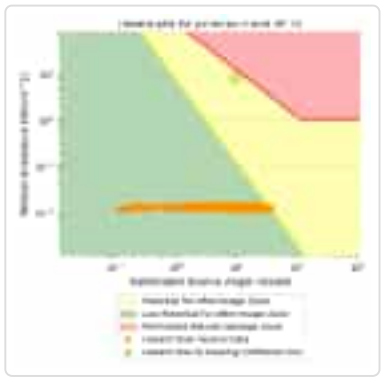
PV array 4: OP 72

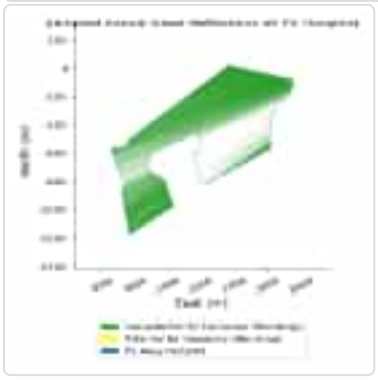
PV array is expected to produce the following glare for this receptor:

- 461 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





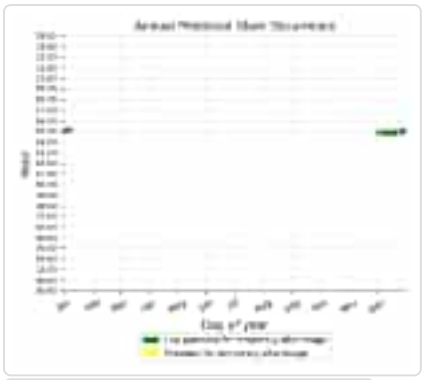


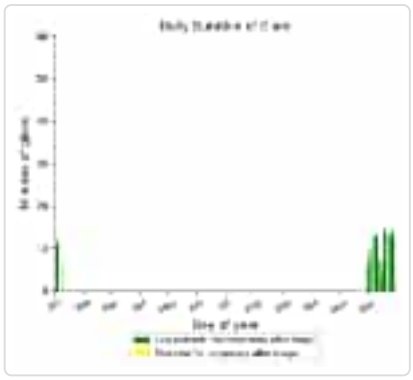


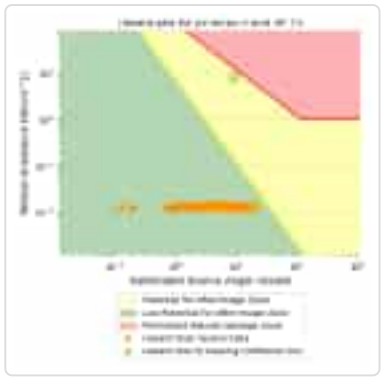
PV array 4: OP 73

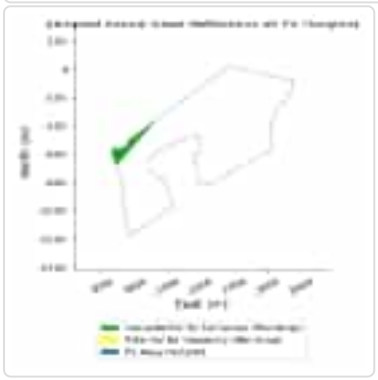
PV array is expected to produce the following glare for this receptor:

- 293 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





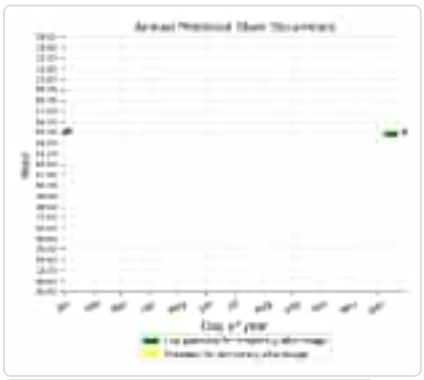


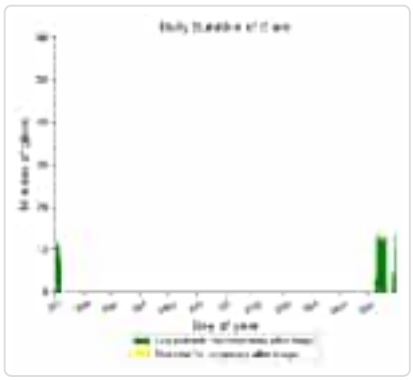


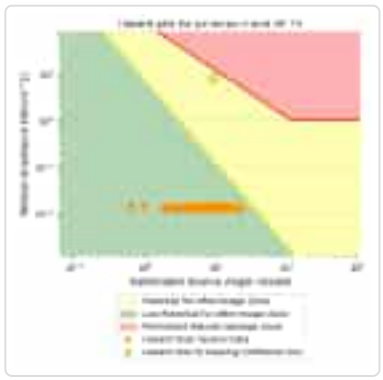
PV array 4: OP 74

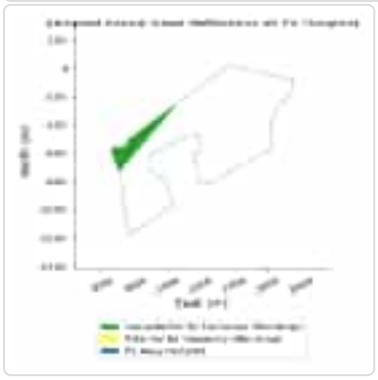
PV array is expected to produce the following glare for this receptor:

- 262 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





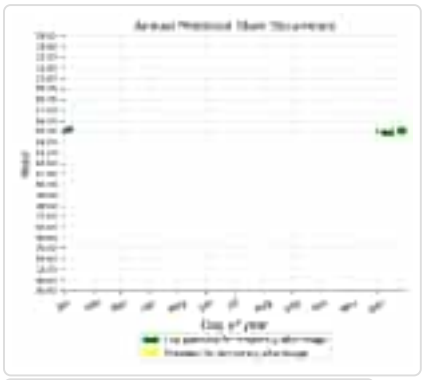


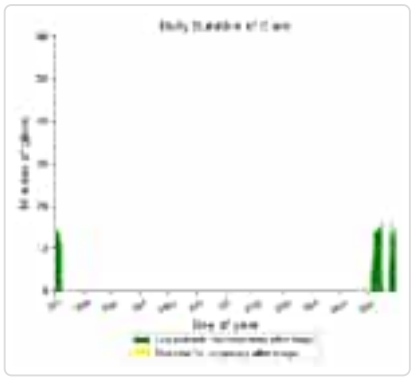


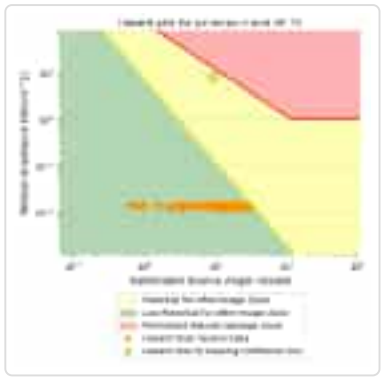
PV array 4: OP 75

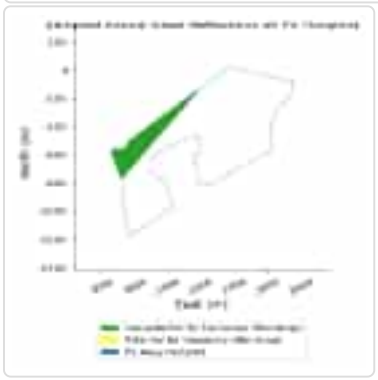
PV array is expected to produce the following glare for this receptor:

- 369 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









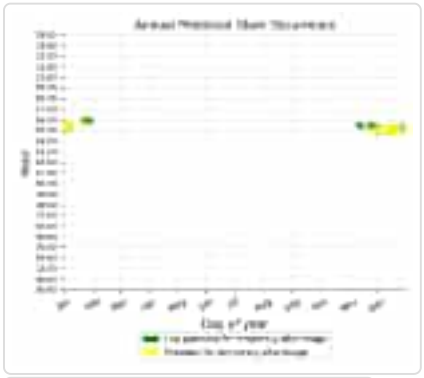
PV array 4: OP 76

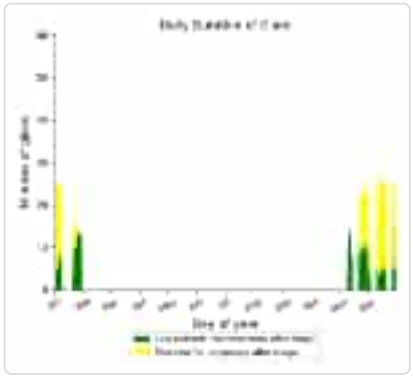
No glare found

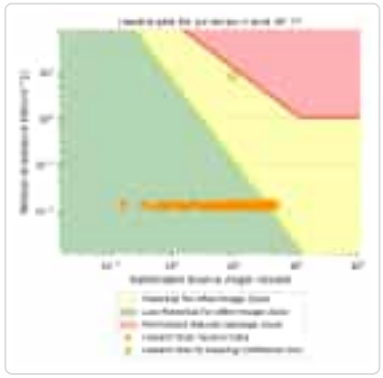
PV array 4: OP 77

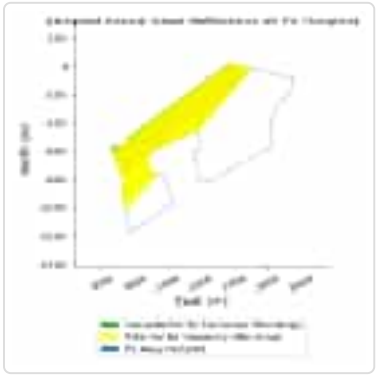
PV array is expected to produce the following glare for this receptor:

- 428 minutes of "green" glare with low potential to cause temporary after-image.
- 601 minutes of "yellow" glare with potential to cause temporary after-image.





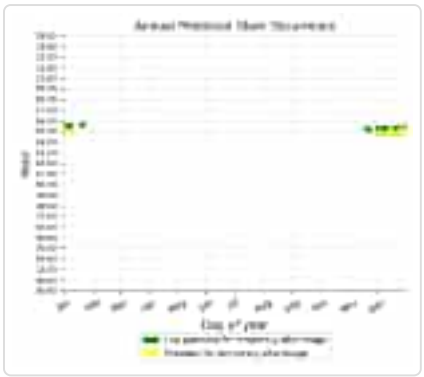


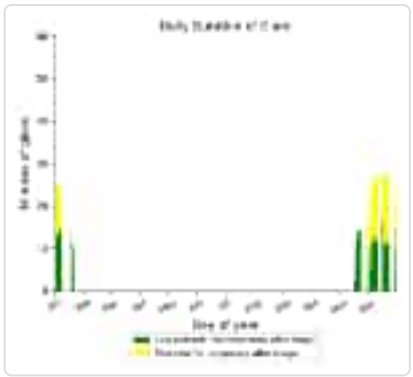


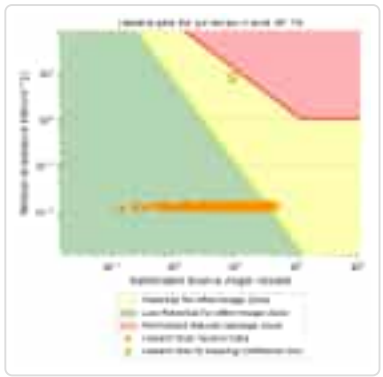
PV array 4: OP 78

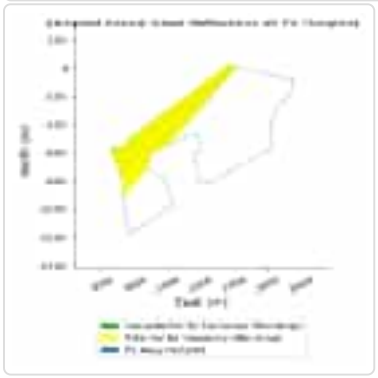
PV array is expected to produce the following glare for this receptor:

- 439 minutes of "green" glare with low potential to cause temporary after-image.
- 365 minutes of "yellow" glare with potential to cause temporary after-image.





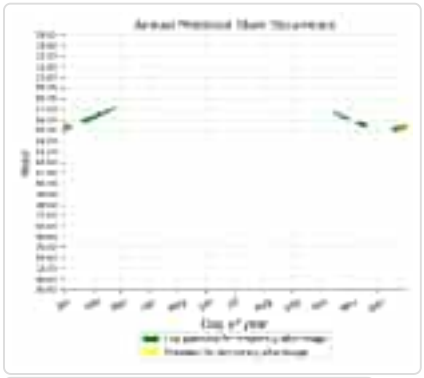


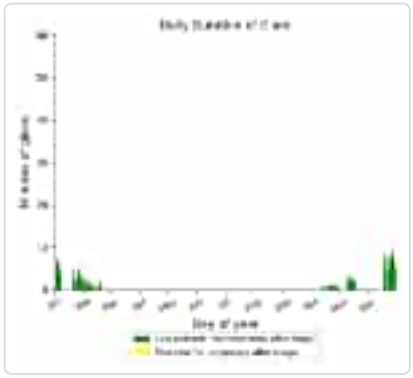


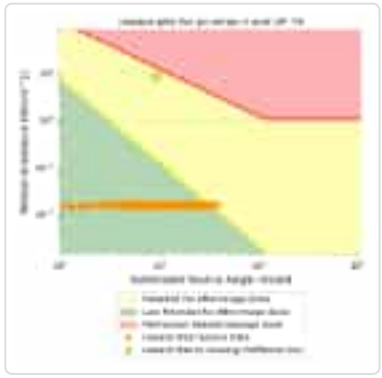
PV array 4: OP 79

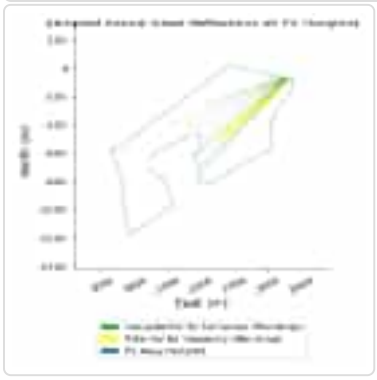
PV array is expected to produce the following glare for this receptor:

- 219 minutes of "green" glare with low potential to cause temporary after-image.
- 4 minutes of "yellow" glare with potential to cause temporary after-image.





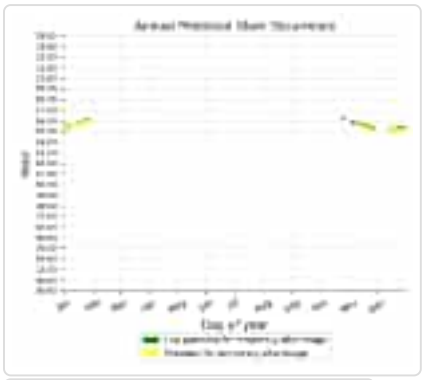


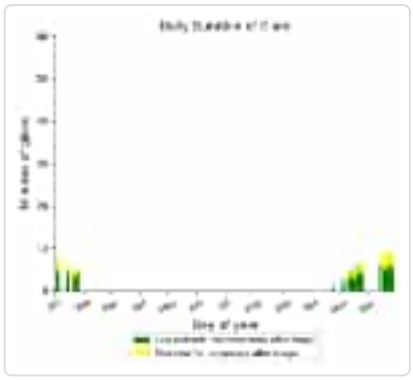


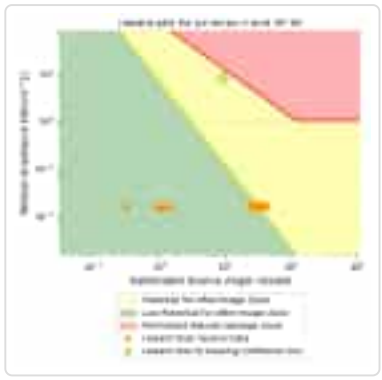
PV array 4: OP 80

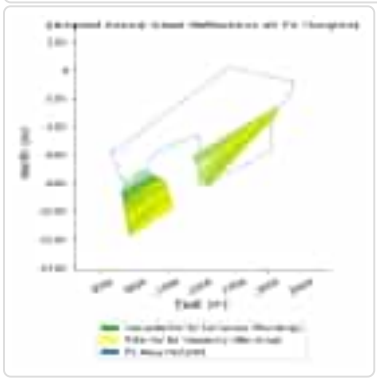
PV array is expected to produce the following glare for this receptor:

- 197 minutes of "green" glare with low potential to cause temporary after-image.
- 119 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)

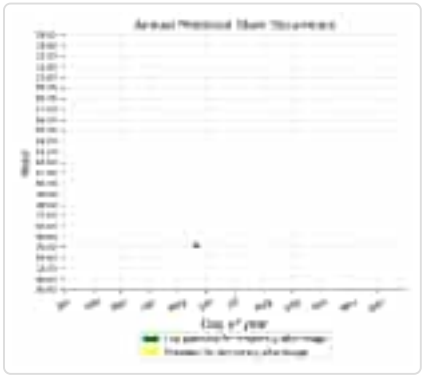
OP: OP 1	19	0
OP: OP 2	0	0
OP: OP 3	17	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	27	0
OP: OP 10	47	0
OP: OP 11	69	0
OP: OP 12	68	0
OP: OP 13	79	0
OP: OP 14	78	0
OP: OP 15	65	0
OP: OP 16	96	0
OP: OP 17	111	0
OP: OP 18	53	0
OP: OP 19	55	0
OP: OP 20	502	127
OP: OP 21	368	0
OP: OP 22	319	0
OP: OP 23	72	0
OP: OP 24	43	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	421	0
OP: OP 31	449	0
OP: OP 32	424	0
OP: OP 33	396	0
OP: OP 34	337	0
OP: OP 35	272	0
OP: OP 36	124	0
OP: OP 37	0	0
OP: OP 38	425	0
OP: OP 39	399	0
OP: OP 40	353	0
OP: OP 41	281	0
OP: OP 42	158	0
OP: OP 43	66	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0

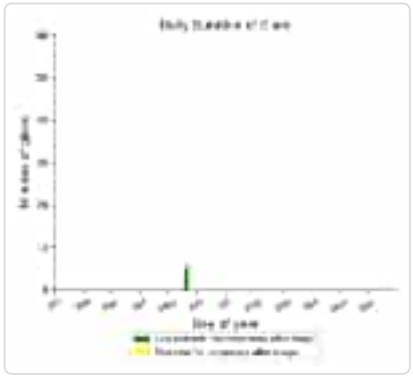
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	88	0
OP: OP 59	95	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	329	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	723	0
OP: OP 80	848	0

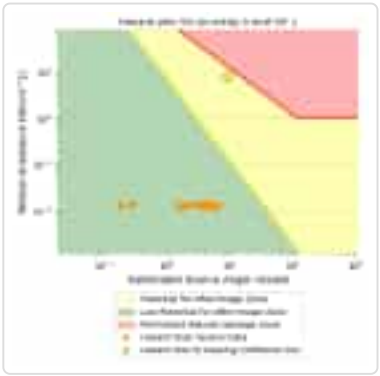
PV array 5: OP 1

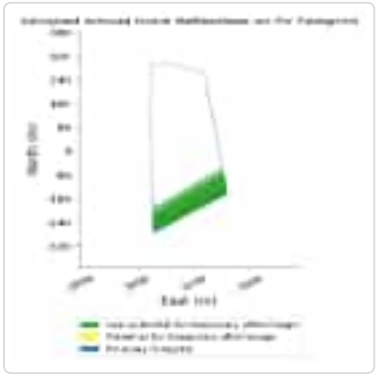
PV array is expected to produce the following glare for this receptor:

- 19 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









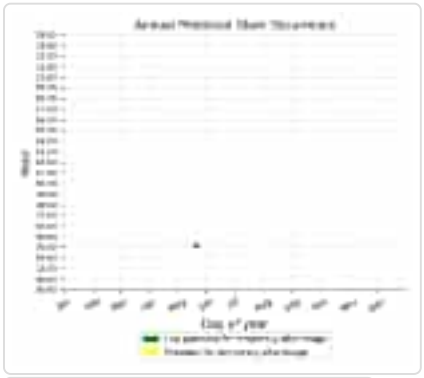
PV array 5: OP 2

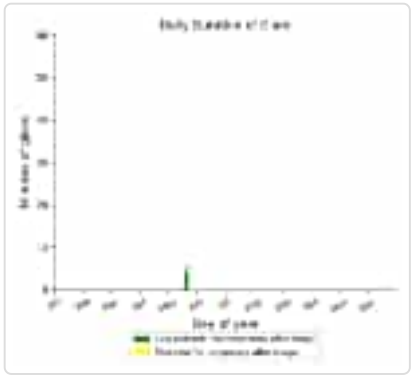
No glare found

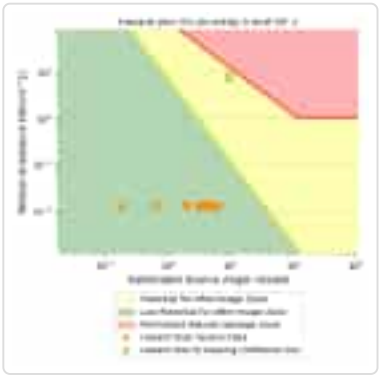
PV array 5: OP 3

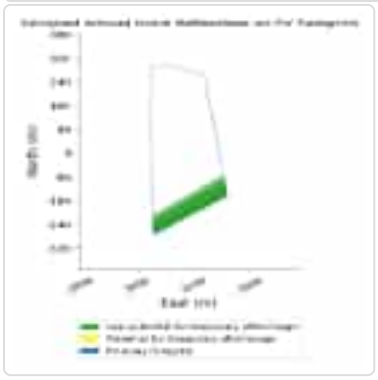
PV array is expected to produce the following glare for this receptor:

- 17 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 4

No glare found

PV array 5: OP 5

No glare found

PV array 5: OP 6

No glare found

PV array 5: OP 7

No glare found

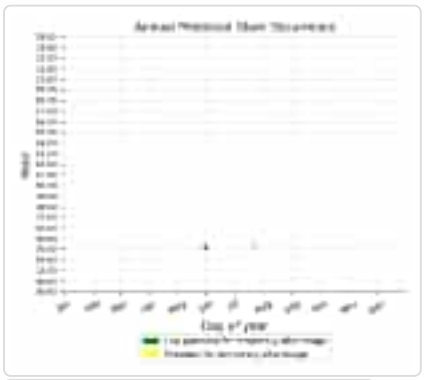
PV array 5: OP 8

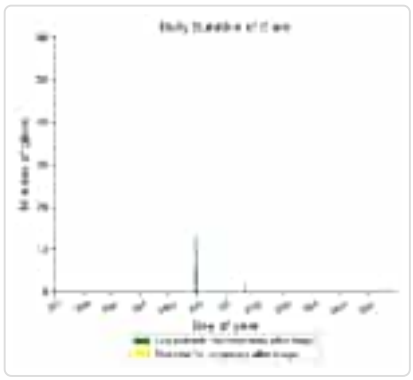
No glare found

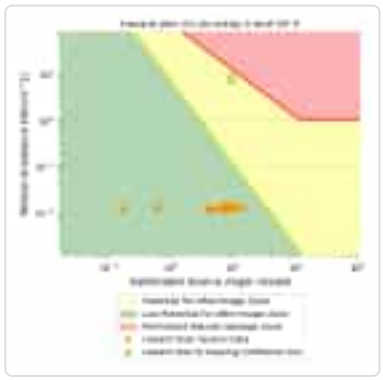
PV array 5: OP 9

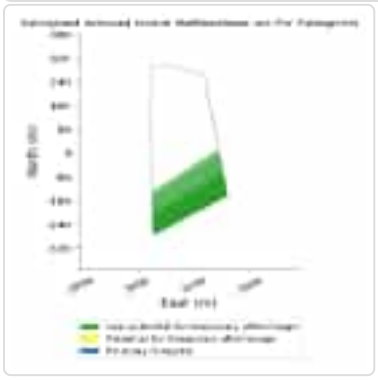
PV array is expected to produce the following glare for this receptor:

- 27 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





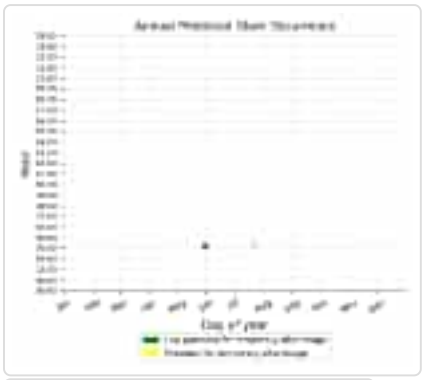


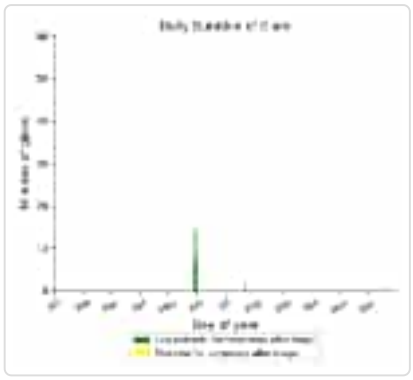


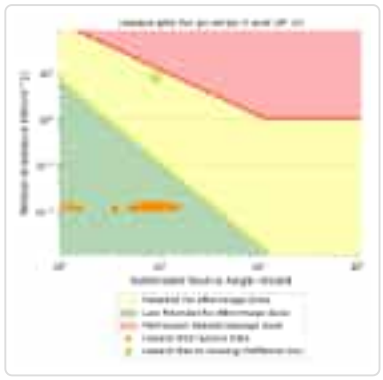
PV array 5: OP 10

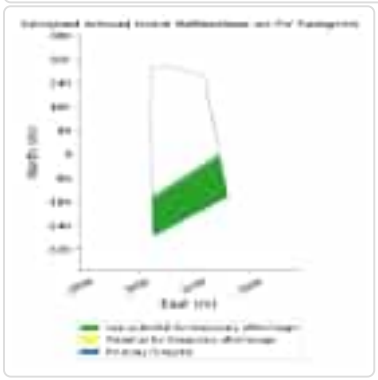
PV array is expected to produce the following glare for this receptor:

- 47 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





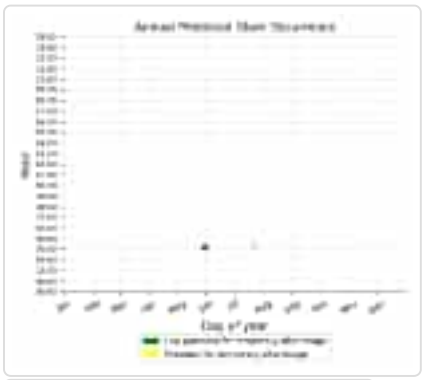


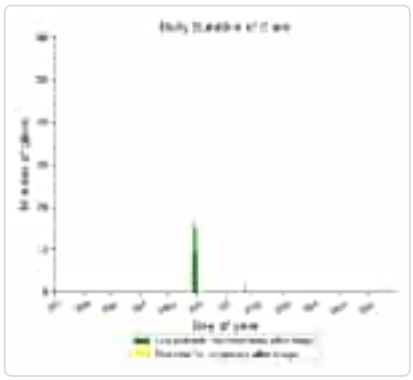


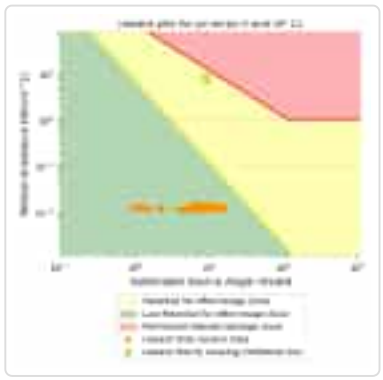
PV array 5: OP 11

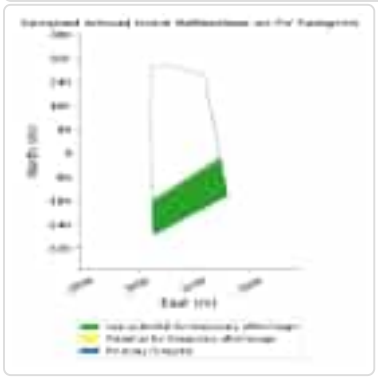
PV array is expected to produce the following glare for this receptor:

- 69 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





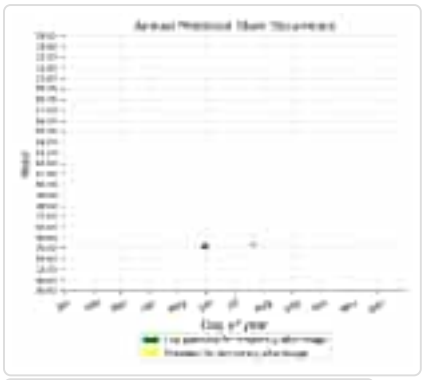


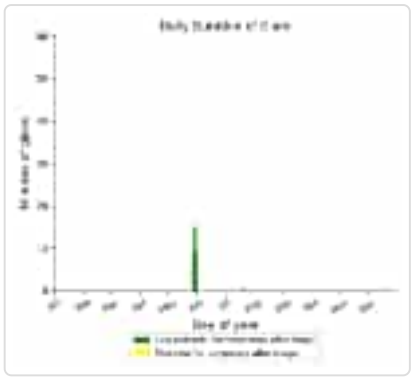


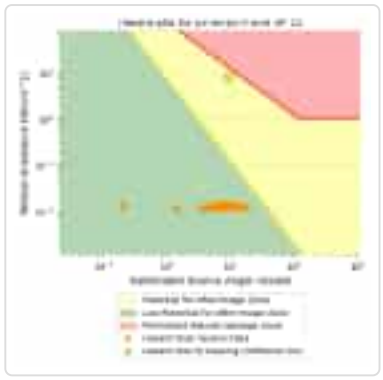
PV array 5: OP 12

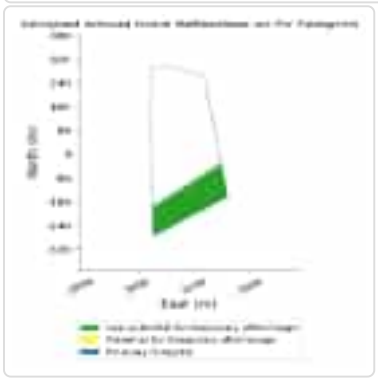
PV array is expected to produce the following glare for this receptor:

- 68 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





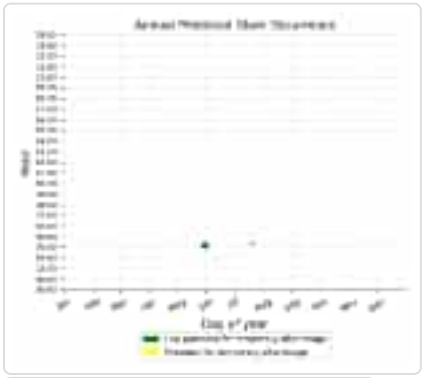


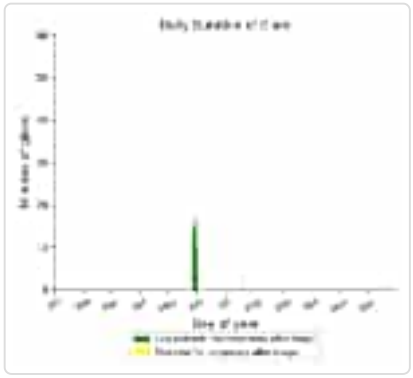


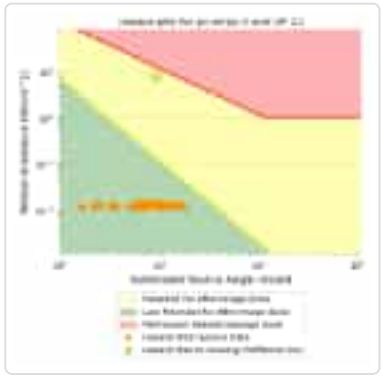
PV array 5: OP 13

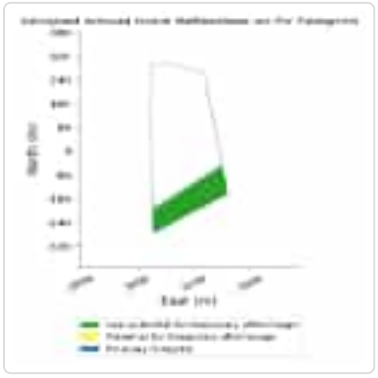
PV array is expected to produce the following glare for this receptor:

- 79 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





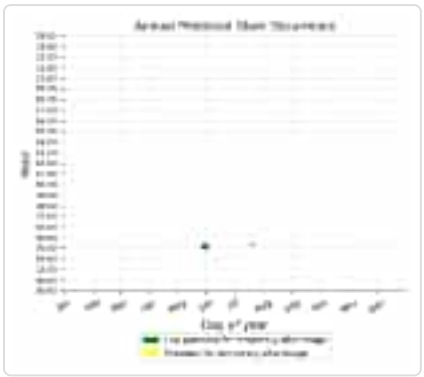


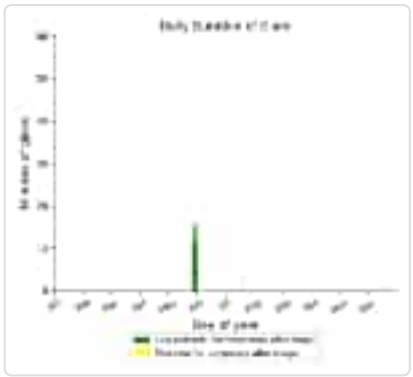


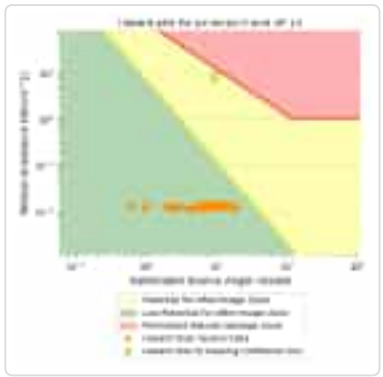
PV array 5: OP 14

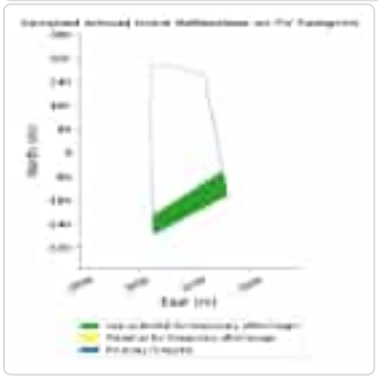
PV array is expected to produce the following glare for this receptor:

- 78 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





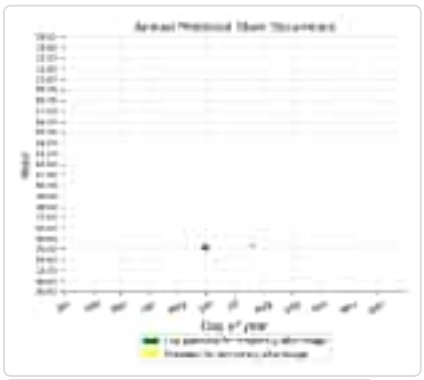


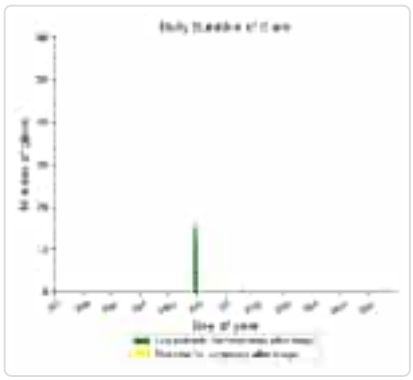


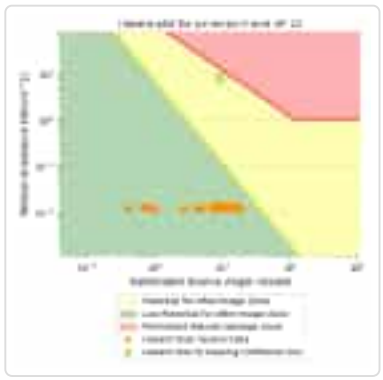
PV array 5: OP 15

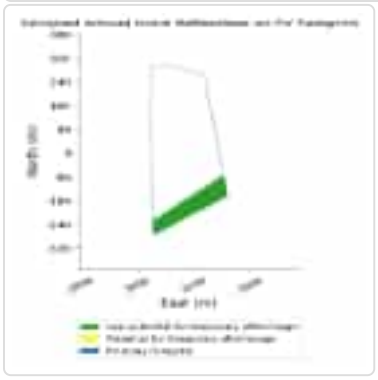
PV array is expected to produce the following glare for this receptor:

- 65 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





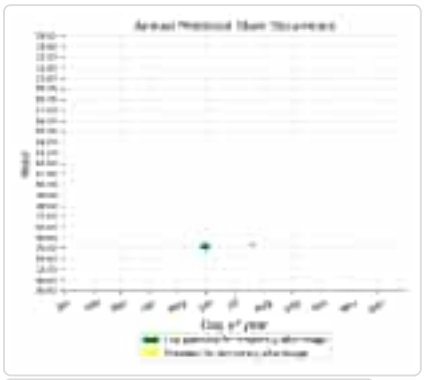


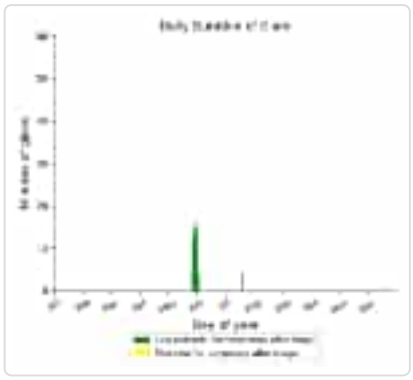


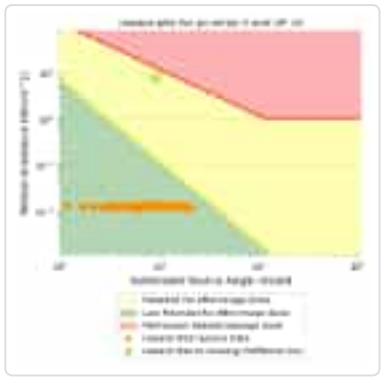
PV array 5: OP 16

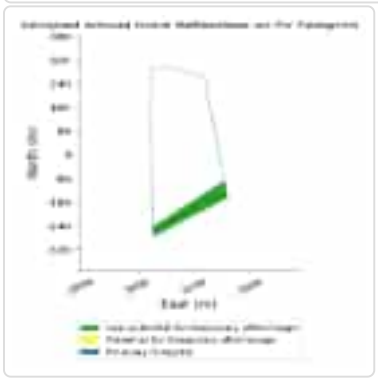
PV array is expected to produce the following glare for this receptor:

- 96 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





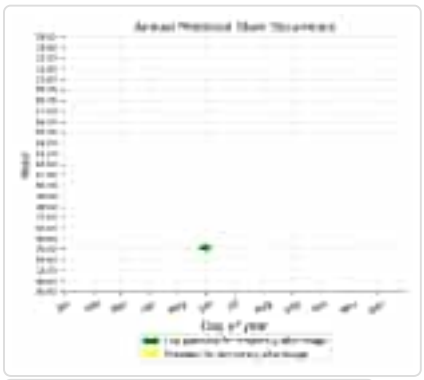


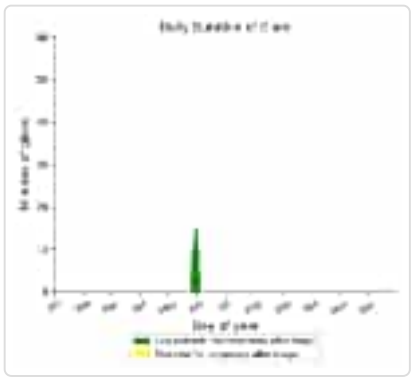


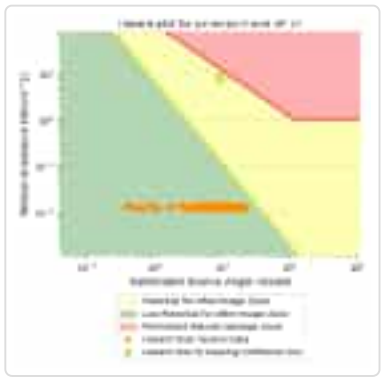
PV array 5: OP 17

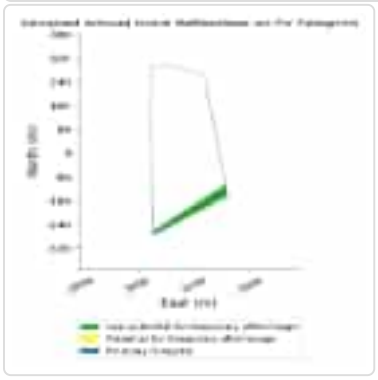
PV array is expected to produce the following glare for this receptor:

- 111 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





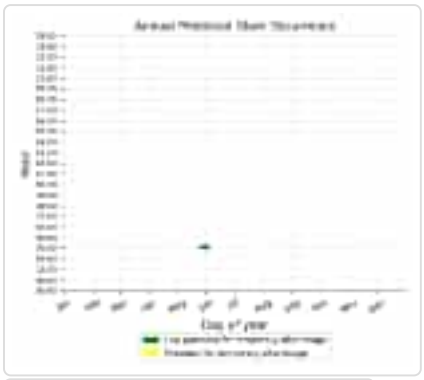


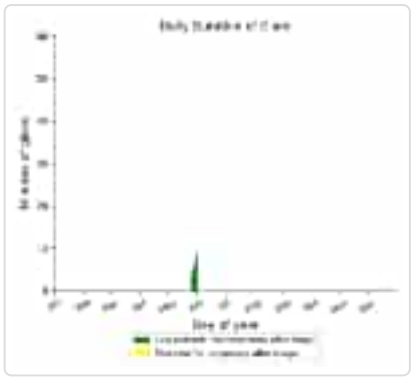


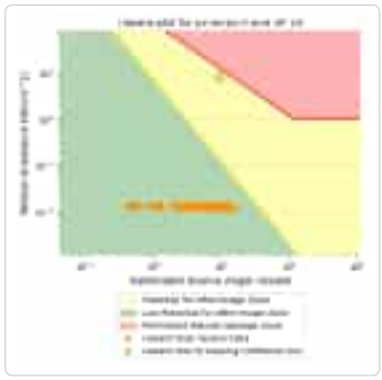
PV array 5: OP 18

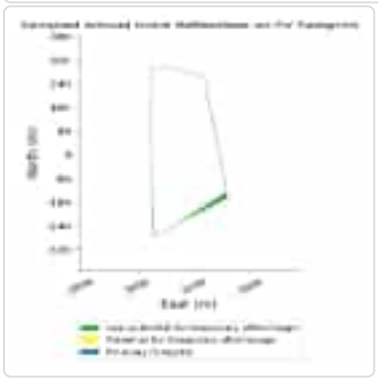
PV array is expected to produce the following glare for this receptor:

- 53 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





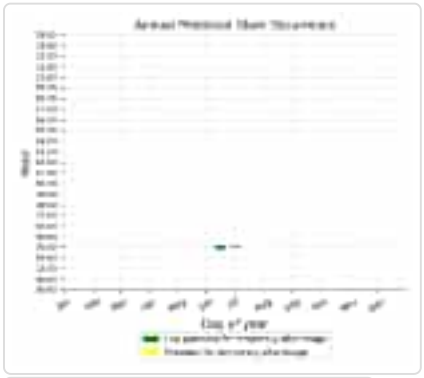


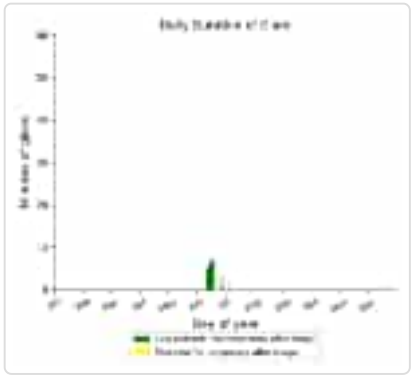


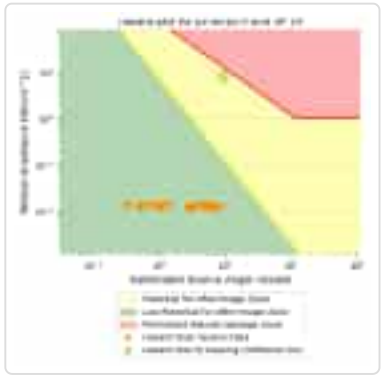
PV array 5: OP 19

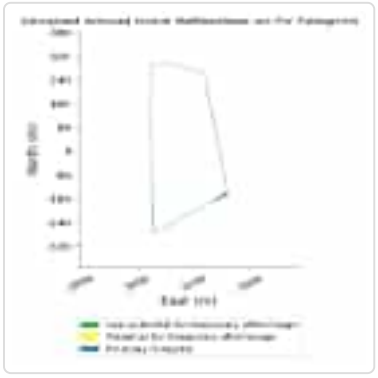
PV array is expected to produce the following glare for this receptor:

- 55 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





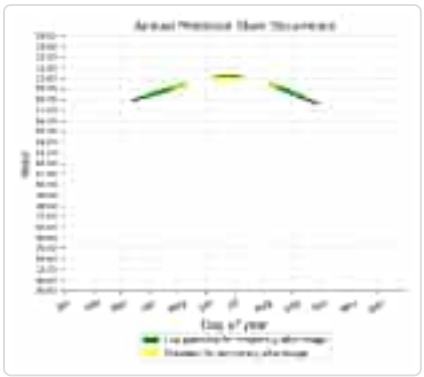


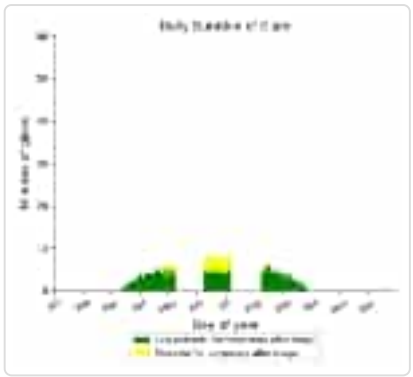


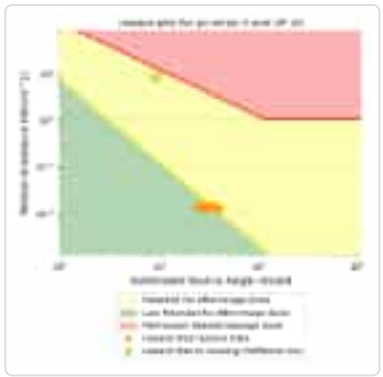
PV array 5: OP 20

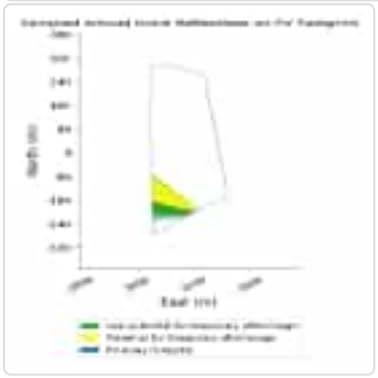
PV array is expected to produce the following glare for this receptor:

- 502 minutes of "green" glare with low potential to cause temporary after-image.
- 127 minutes of "yellow" glare with potential to cause temporary after-image.





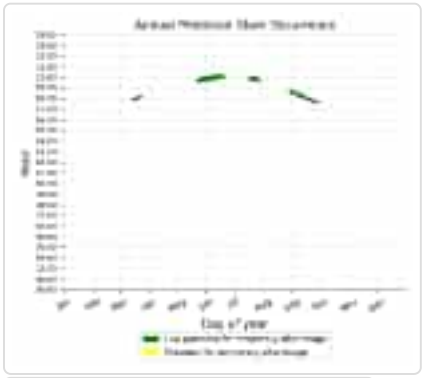


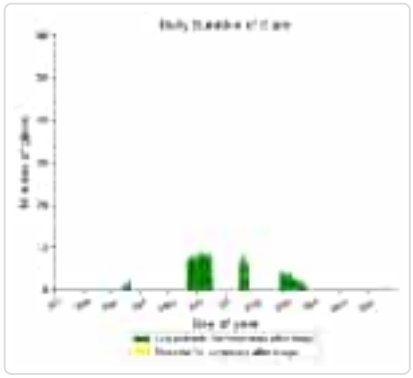


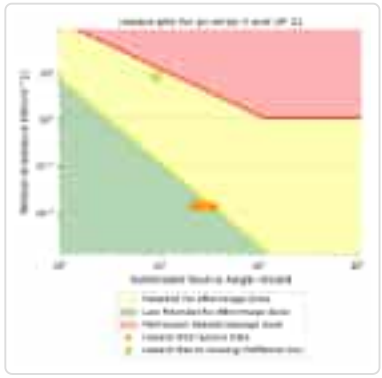
PV array 5: OP 21

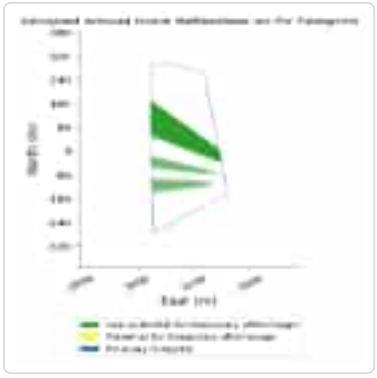
PV array is expected to produce the following glare for this receptor:

- 368 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





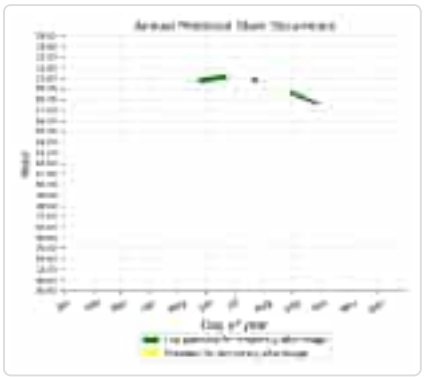


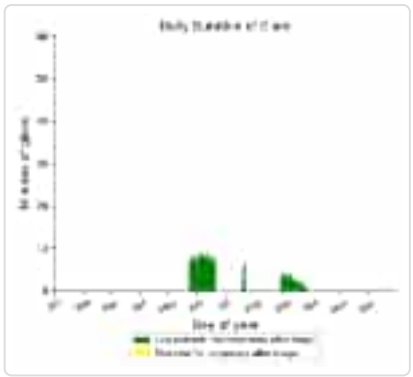


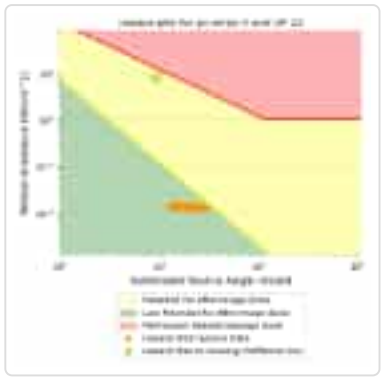
PV array 5: OP 22

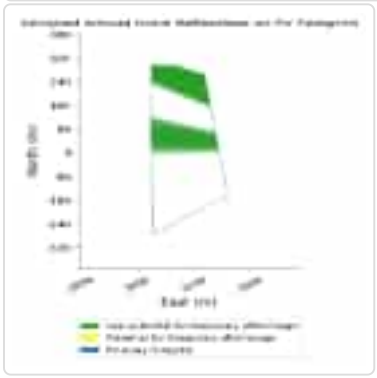
PV array is expected to produce the following glare for this receptor:

- 319 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





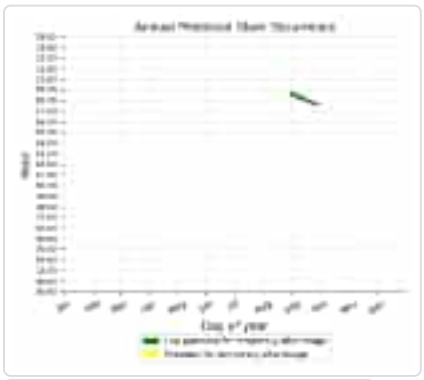


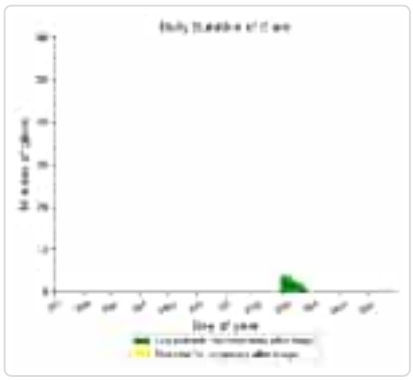


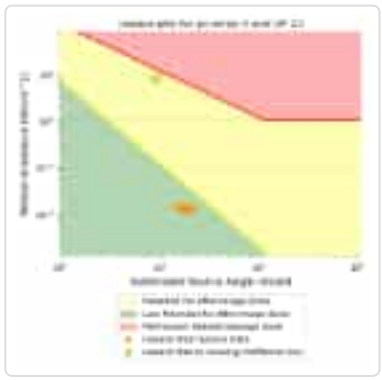
PV array 5: OP 23

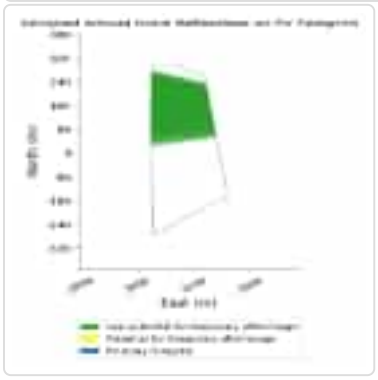
PV array is expected to produce the following glare for this receptor:

- 72 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





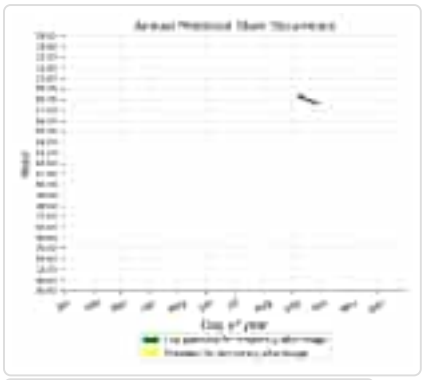


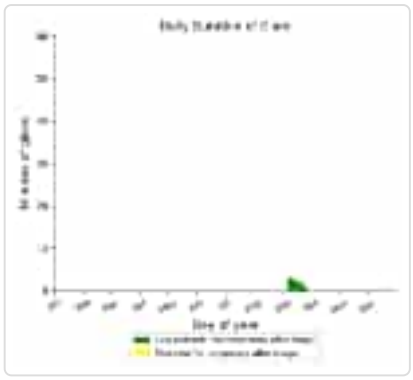


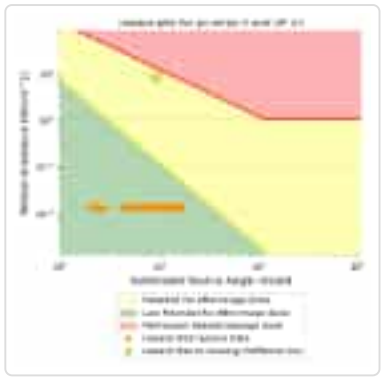
PV array 5: OP 24

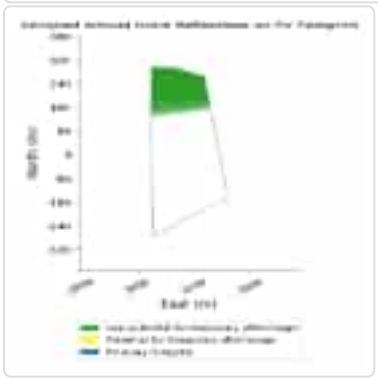
PV array is expected to produce the following glare for this receptor:

- 43 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 25

No glare found

PV array 5: OP 26

No glare found

PV array 5: OP 27

No glare found

PV array 5: OP 28

No glare found

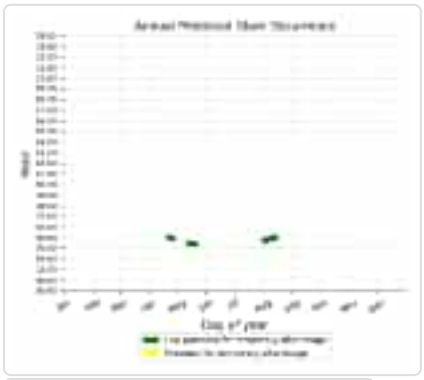
PV array 5: OP 29

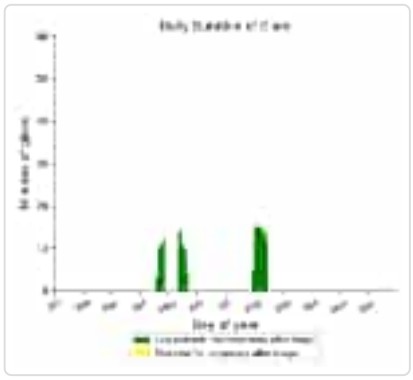
No glare found

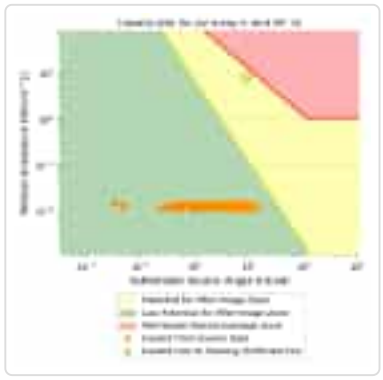
PV array 5: OP 30

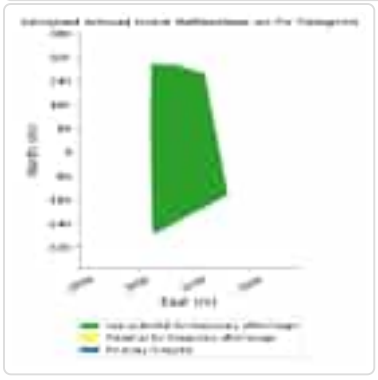
PV array is expected to produce the following glare for this receptor:

- 421 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





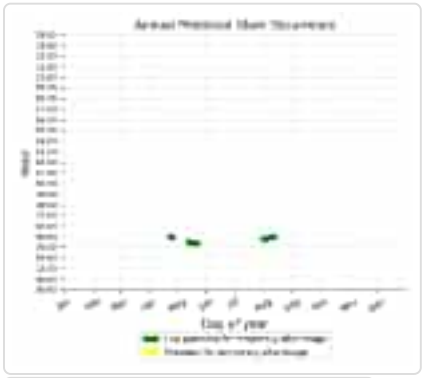


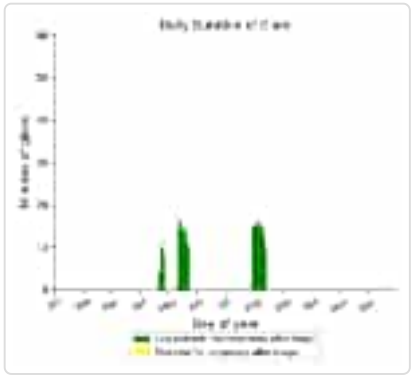


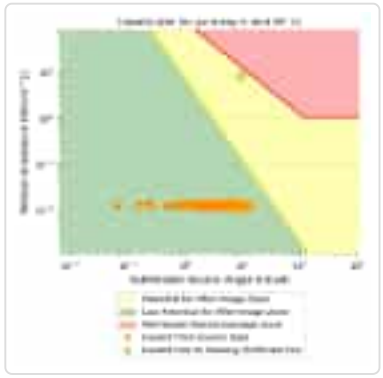
PV array 5: OP 31

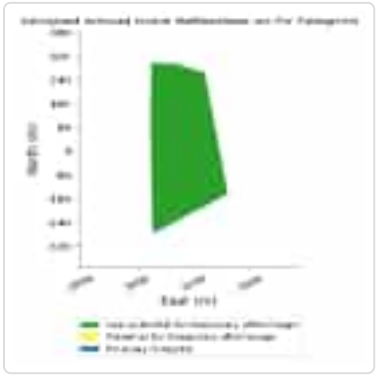
PV array is expected to produce the following glare for this receptor:

- 449 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





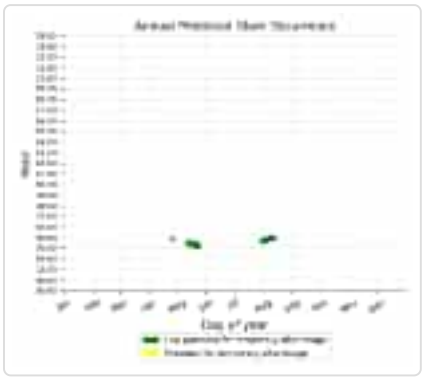


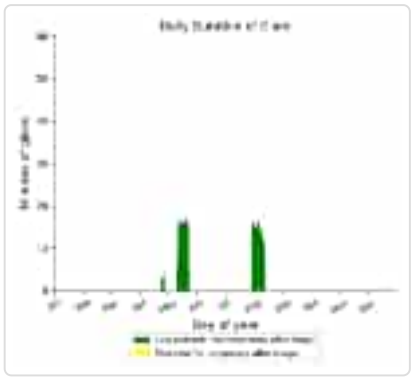


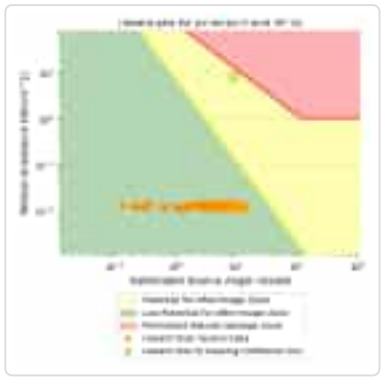
PV array 5: OP 32

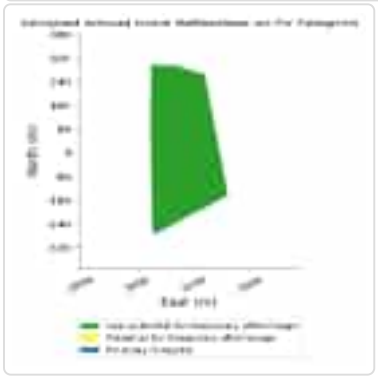
PV array is expected to produce the following glare for this receptor:

- 424 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





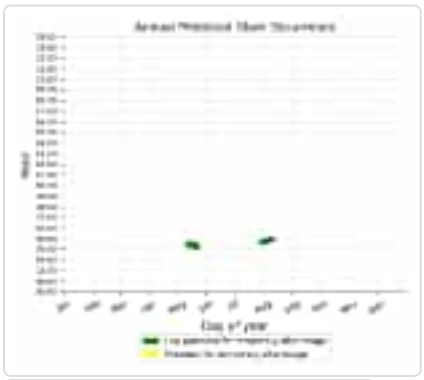


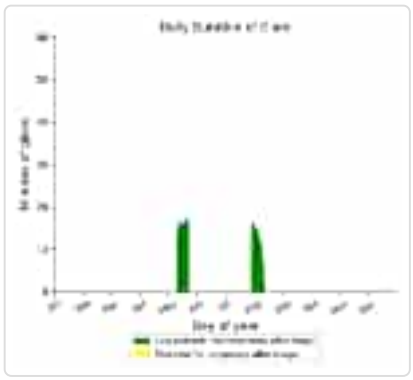


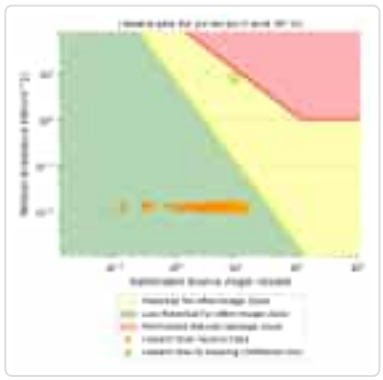
PV array 5: OP 33

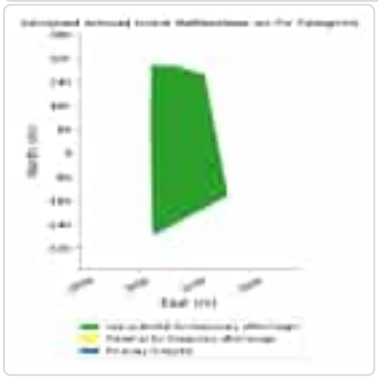
PV array is expected to produce the following glare for this receptor:

- 396 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





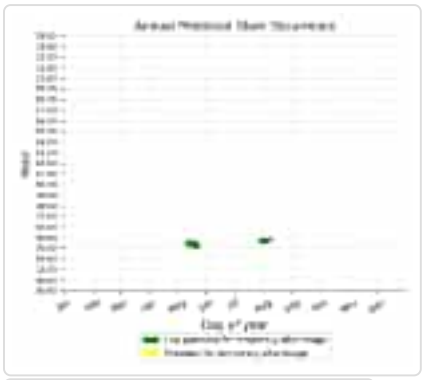


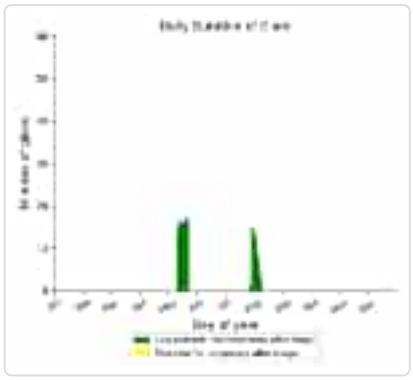


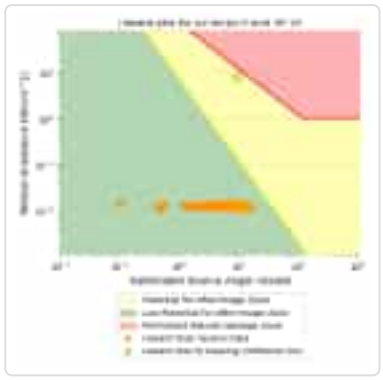
PV array 5: OP 34

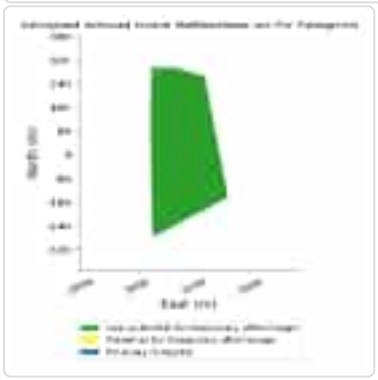
PV array is expected to produce the following glare for this receptor:

- 337 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





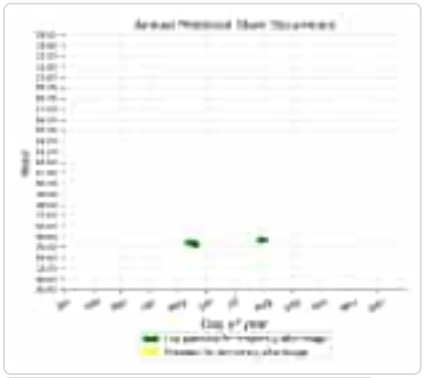


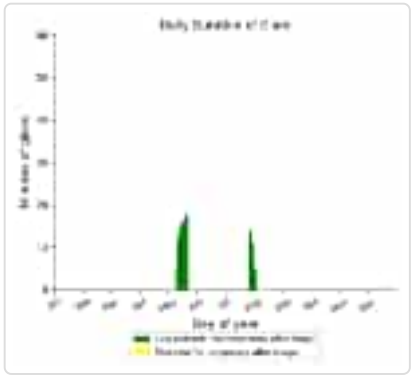


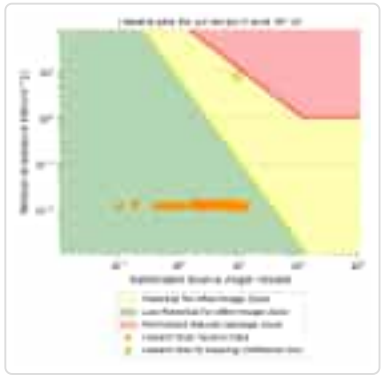
PV array 5: OP 35

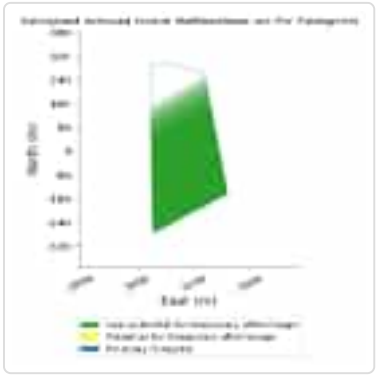
PV array is expected to produce the following glare for this receptor:

- 272 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





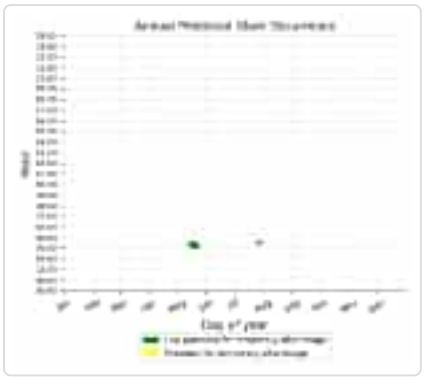


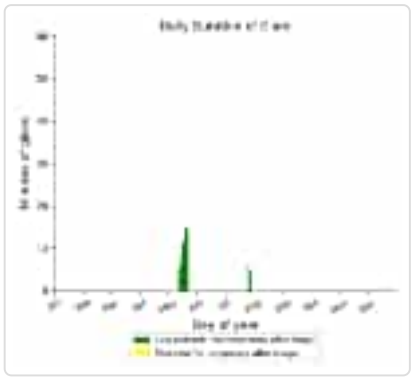


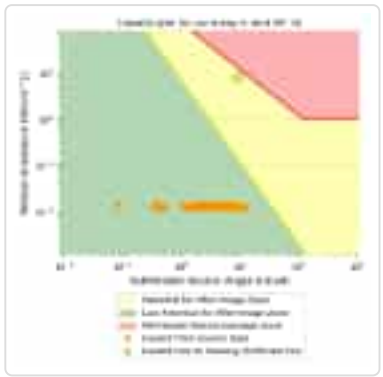
PV array 5: OP 36

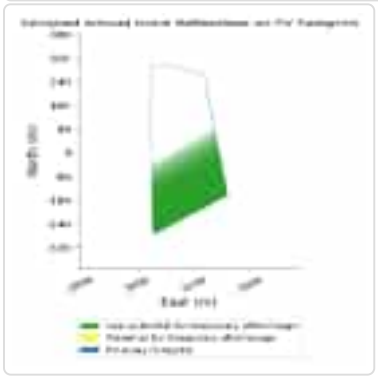
PV array is expected to produce the following glare for this receptor:

- 124 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









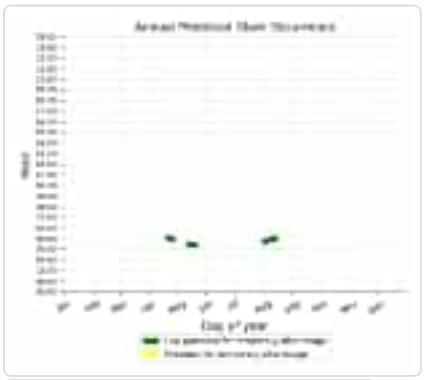
PV array 5: OP 37

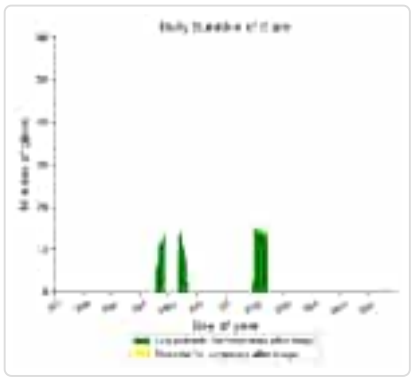
No glare found

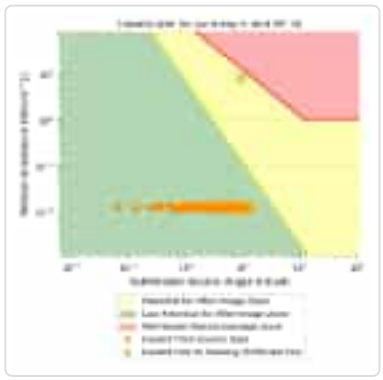
PV array 5: OP 38

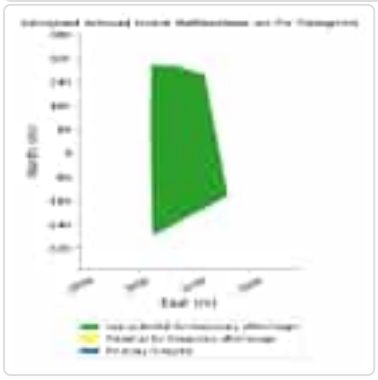
PV array is expected to produce the following glare for this receptor:

- 425 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





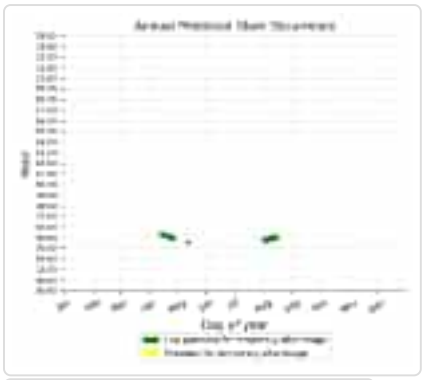


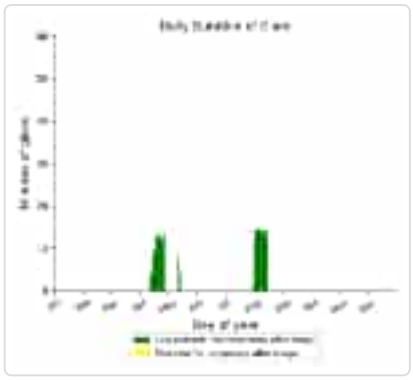


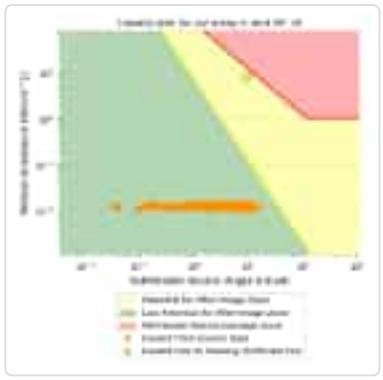
PV array 5: OP 39

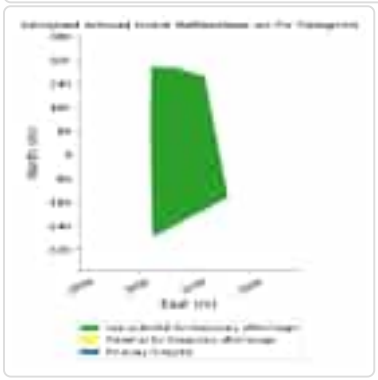
PV array is expected to produce the following glare for this receptor:

- 399 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





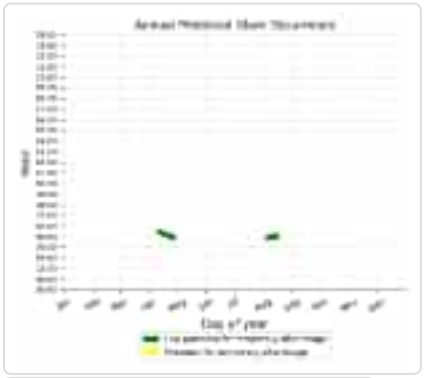


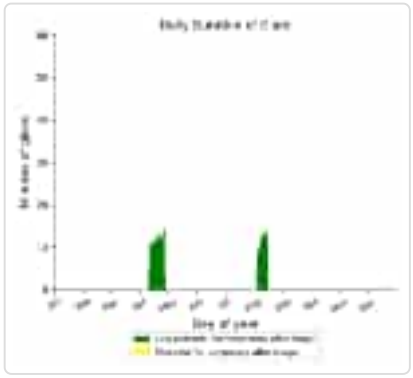


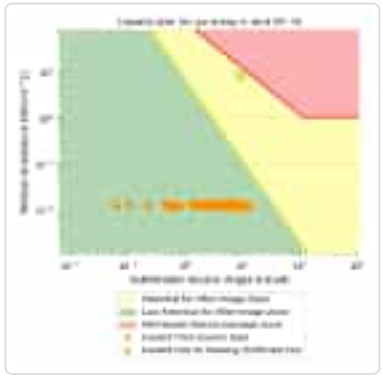
PV array 5: OP 40

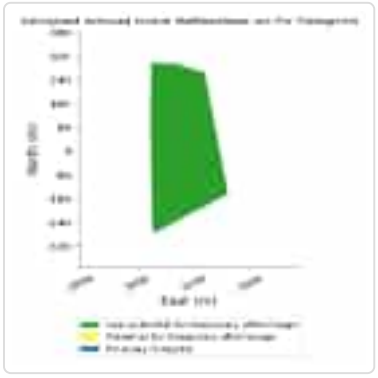
PV array is expected to produce the following glare for this receptor:

- 353 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





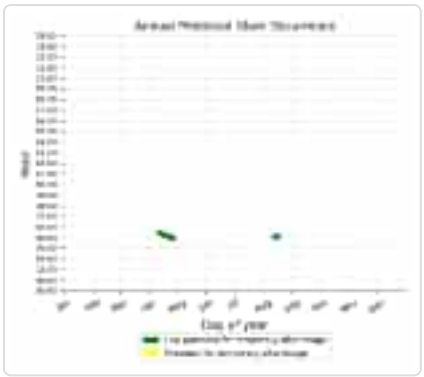


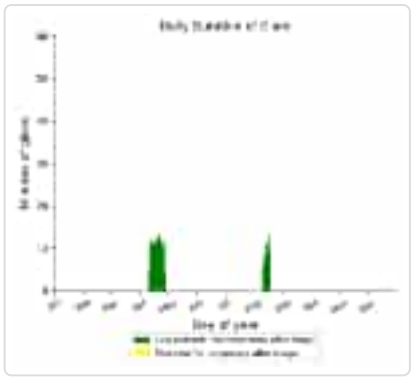


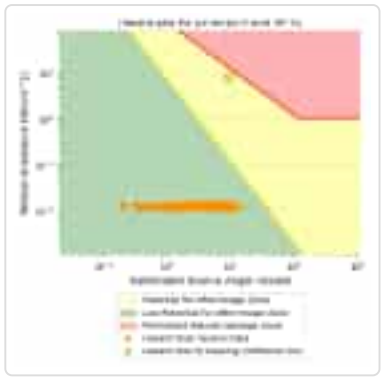
PV array 5: OP 41

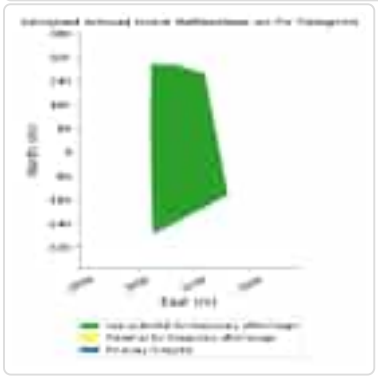
PV array is expected to produce the following glare for this receptor:

- 281 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





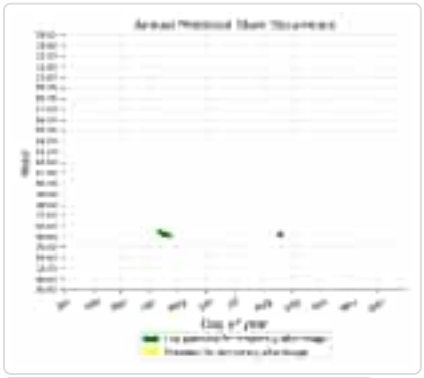


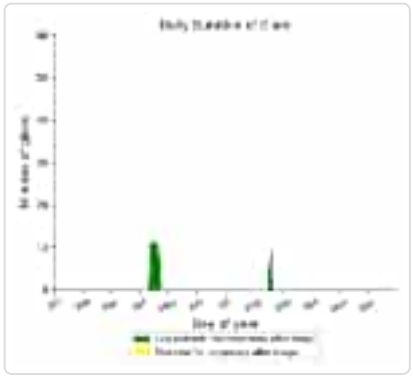


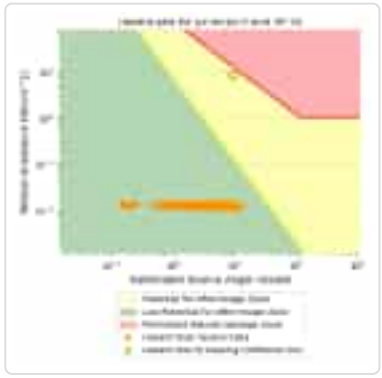
PV array 5: OP 42

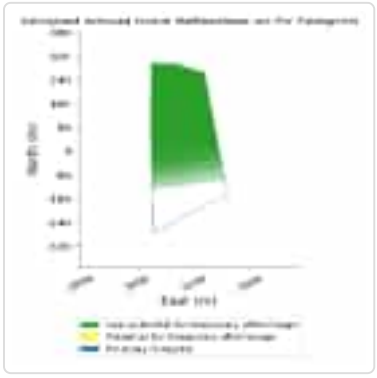
PV array is expected to produce the following glare for this receptor:

- 158 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





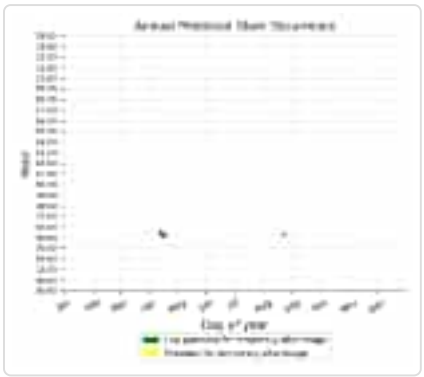


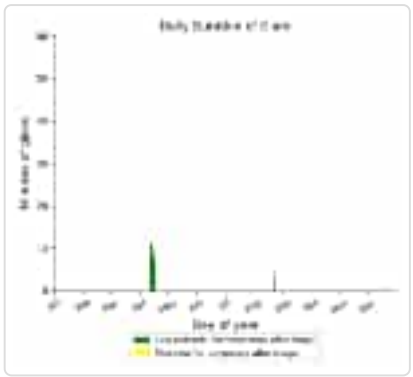


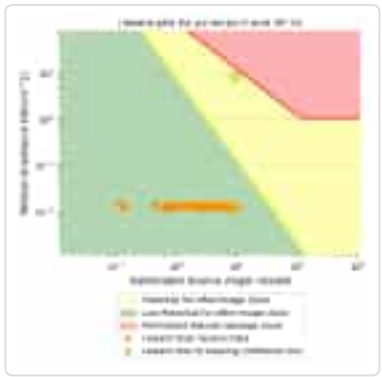
PV array 5: OP 43

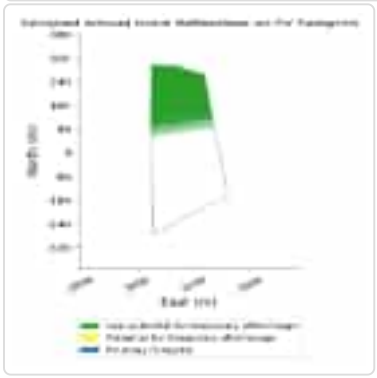
PV array is expected to produce the following glare for this receptor:

- 66 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 44

No glare found

PV array 5: OP 45

No glare found

PV array 5: OP 46

No glare found

PV array 5: OP 47

No glare found

PV array 5: OP 48

No glare found

PV array 5: OP 49

No glare found

PV array 5: OP 50

No glare found

PV array 5: OP 51

No glare found

PV array 5: OP 52

No glare found

PV array 5: OP 53

No glare found

PV array 5: OP 54

No glare found

PV array 5: OP 55

No glare found

PV array 5: OP 56

No glare found

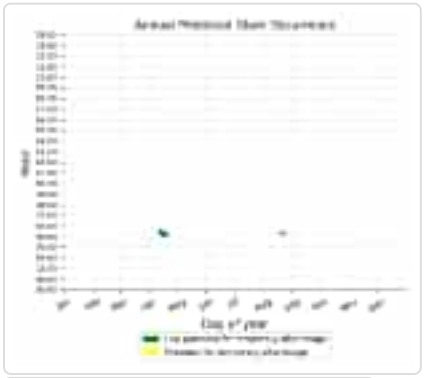
PV array 5: OP 57

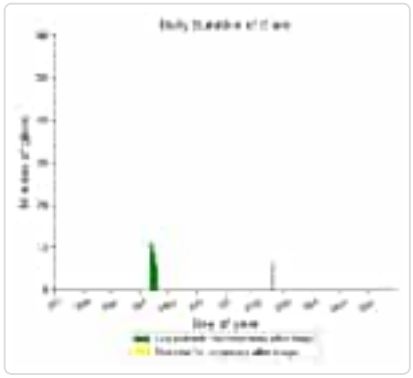
No glare found

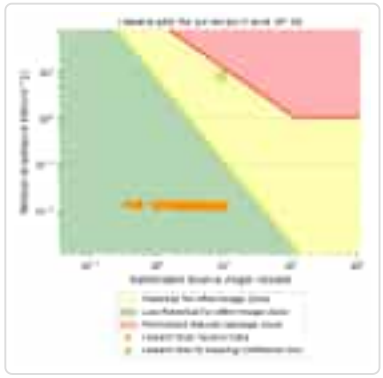
PV array 5: OP 58

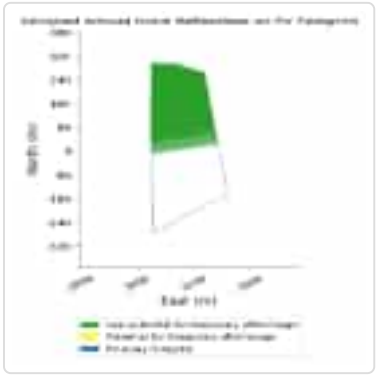
PV array is expected to produce the following glare for this receptor:

- 88 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





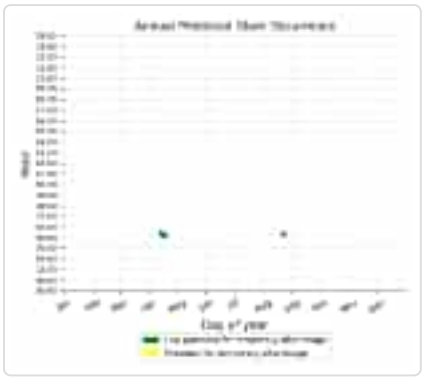


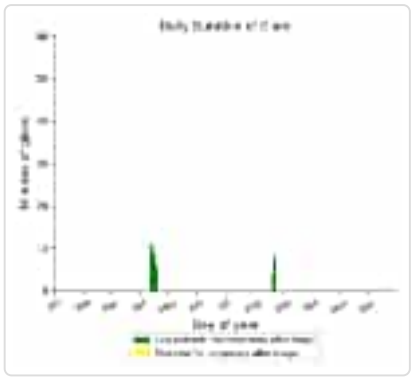


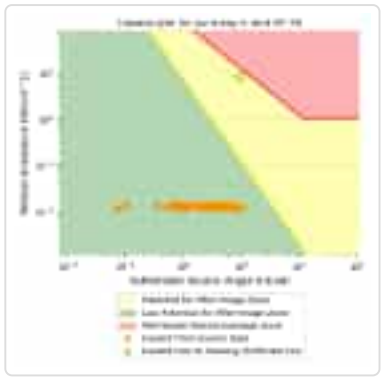
PV array 5: OP 59

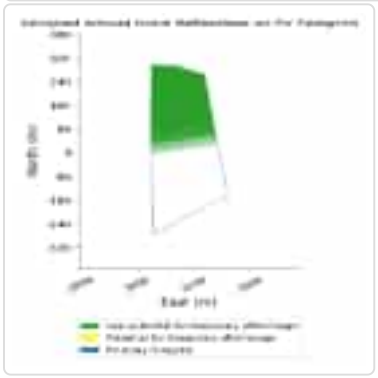
PV array is expected to produce the following glare for this receptor:

- 95 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 60

No glare found

PV array 5: OP 61

No glare found

PV array 5: OP 62

No glare found

PV array 5: OP 63

No glare found

PV array 5: OP 64

No glare found

PV array 5: OP 65

No glare found

PV array 5: OP 66

No glare found

PV array 5: OP 67

No glare found

PV array 5: OP 68

No glare found

PV array 5: OP 69

No glare found

PV array 5: OP 70

No glare found

PV array 5: OP 71

No glare found

PV array 5: OP 72

No glare found

PV array 5: OP 73

No glare found

PV array 5: OP 74

No glare found

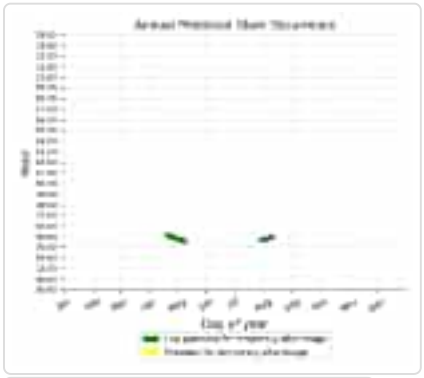
PV array 5: OP 75

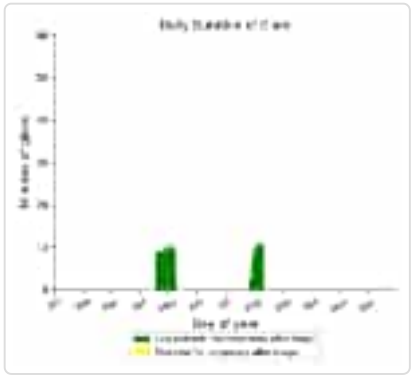
No glare found

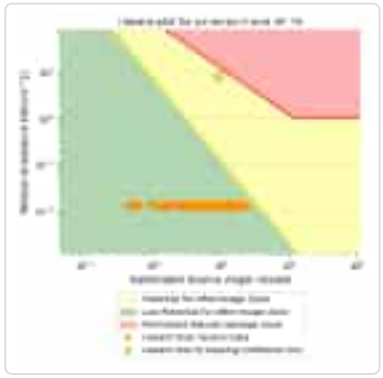
PV array 5: OP 76

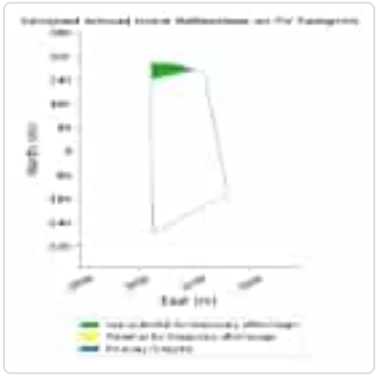
PV array is expected to produce the following glare for this receptor:

- 329 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 77

No glare found

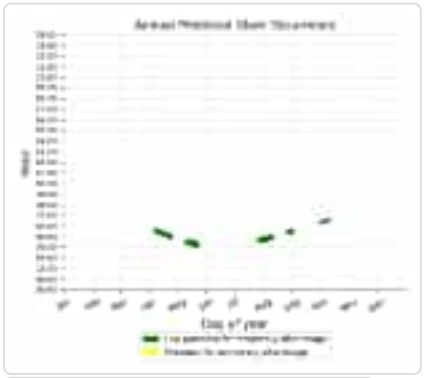
PV array 5: OP 78

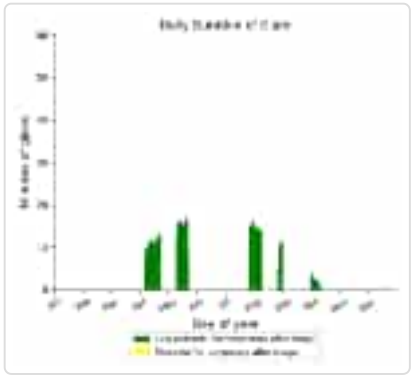
No glare found

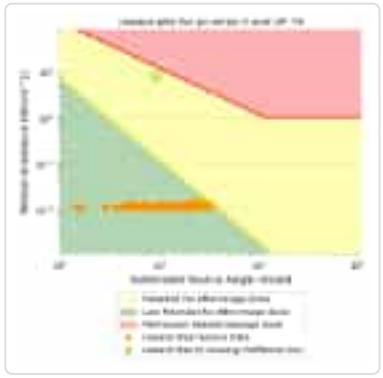
PV array 5: OP 79

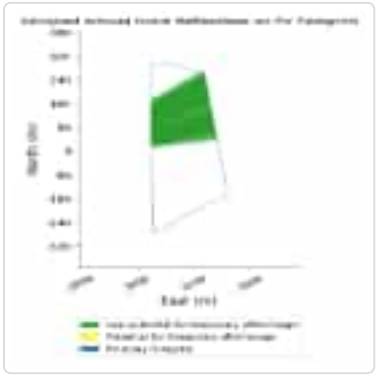
PV array is expected to produce the following glare for this receptor:

- 723 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





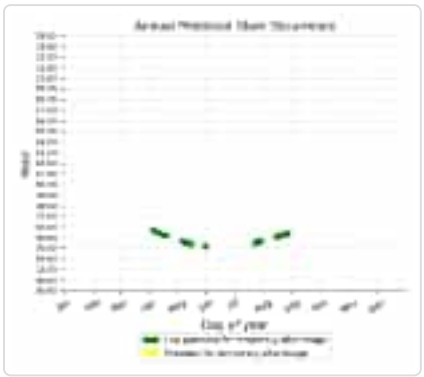


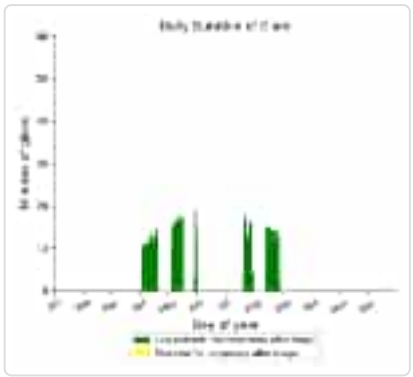


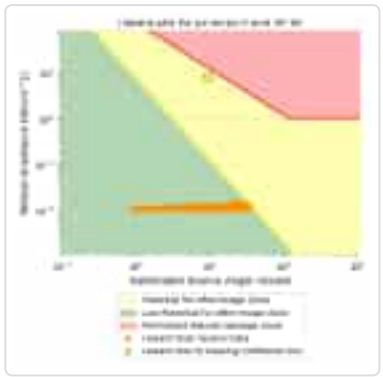
PV array 5: OP 80

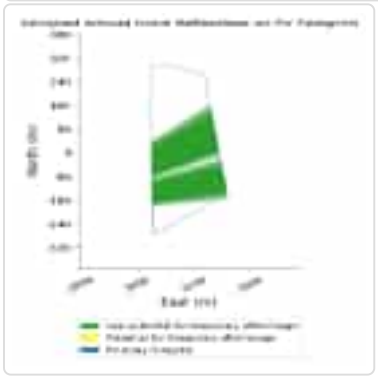
PV array is expected to produce the following glare for this receptor:

- 848 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)

OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	226	0
OP: OP 12	188	0
OP: OP 13	265	0
OP: OP 14	227	0
OP: OP 15	1550	322
OP: OP 16	1092	1321
OP: OP 17	606	431
OP: OP 18	758	339
OP: OP 19	917	145
OP: OP 20	1029	1
OP: OP 21	674	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	731	0
OP: OP 27	731	0
OP: OP 28	576	0
OP: OP 29	409	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	15	0
OP: OP 50	16	0
OP: OP 51	33	0
OP: OP 52	61	0
OP: OP 53	53	0
OP: OP 54	0	0

OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	2911	0
OP: OP 61	2170	0
OP: OP 62	1264	0
OP: OP 63	716	0
OP: OP 64	3831	0
OP: OP 65	4803	588
OP: OP 66	4323	1394
OP: OP 67	3969	573
OP: OP 68	2453	364
OP: OP 69	2057	0
OP: OP 70	949	0
OP: OP 71	637	0
OP: OP 72	0	0
OP: OP 73	5078	824
OP: OP 74	3048	71
OP: OP 75	3351	286
OP: OP 76	0	0
OP: OP 77	3879	698
OP: OP 78	3976	1478
OP: OP 79	0	0
OP: OP 80	0	0

PV array 6: OP 1

No glare found

PV array 6: OP 2

No glare found

PV array 6: OP 3

No glare found

PV array 6: OP 4

No glare found

PV array 6: OP 5

No glare found

PV array 6: OP 6

No glare found

PV array 6: OP 7

No glare found

PV array 6: OP 8

No glare found

PV array 6: OP 9

No glare found

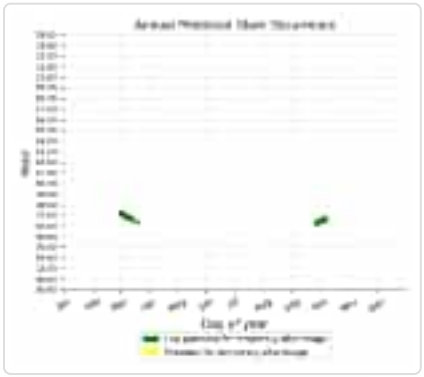
PV array 6: OP 10

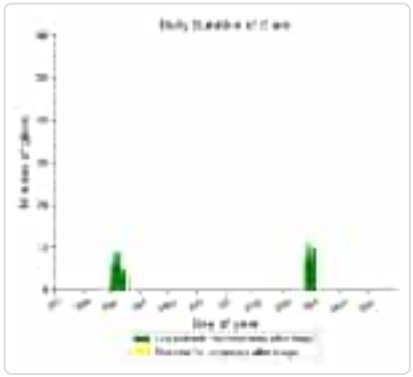
No glare found

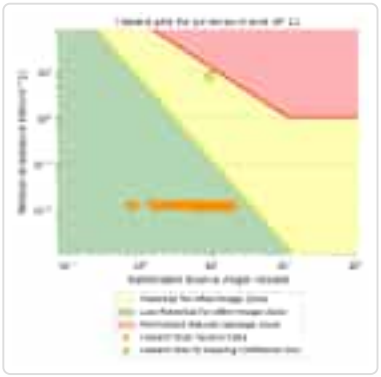
PV array 6: OP 11

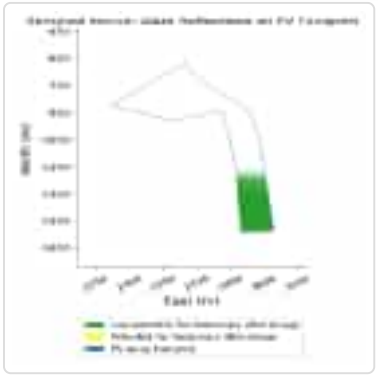
PV array is expected to produce the following glare for this receptor:

- 226 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





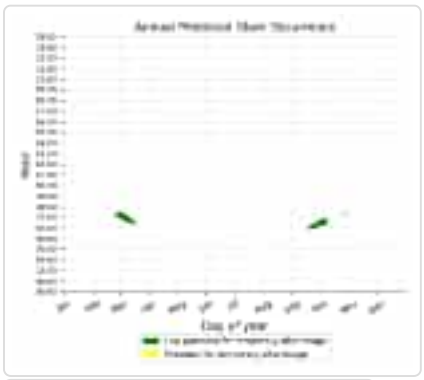


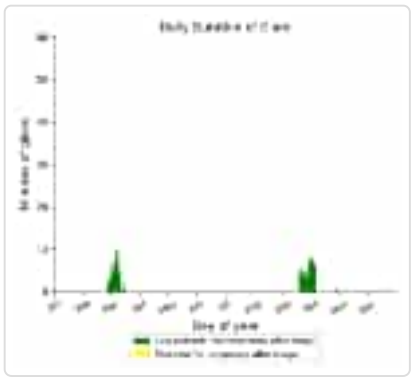


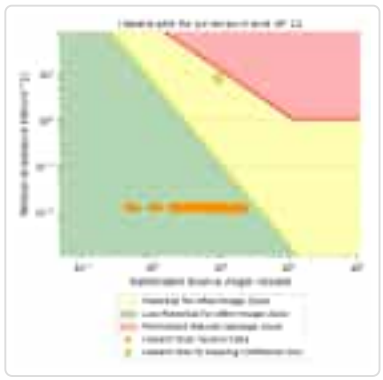
PV array 6: OP 12

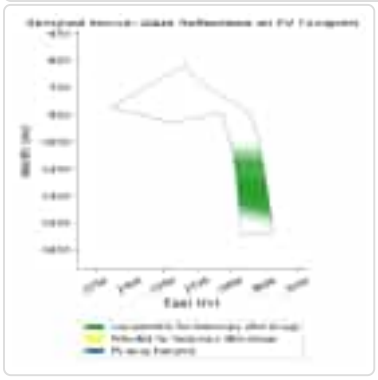
PV array is expected to produce the following glare for this receptor:

- 188 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





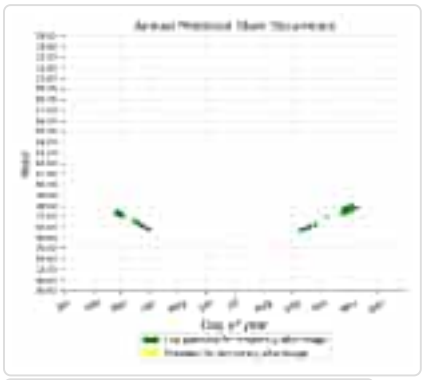


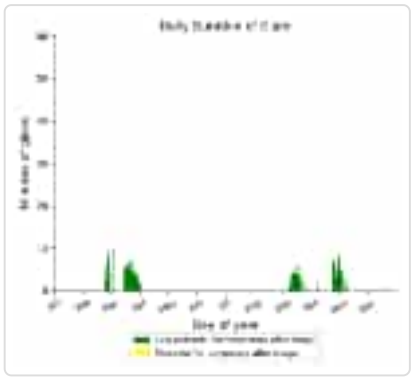


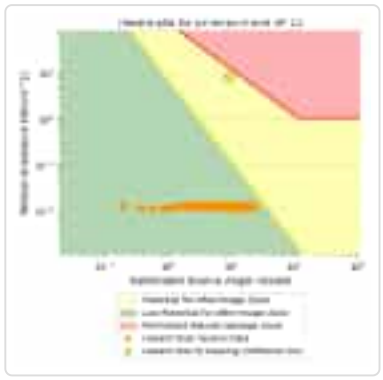
PV array 6: OP 13

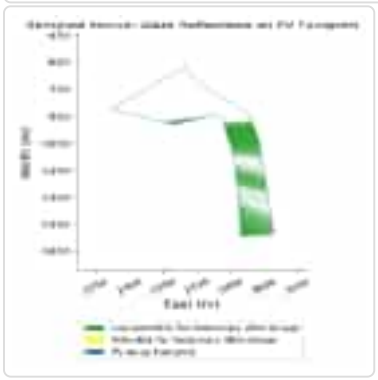
PV array is expected to produce the following glare for this receptor:

- 265 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





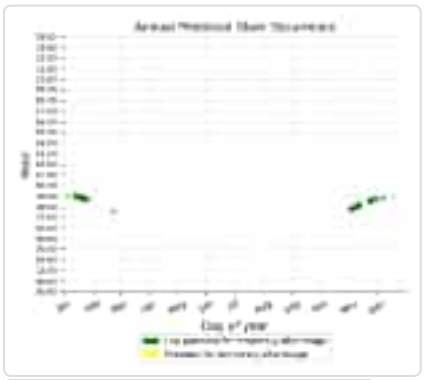


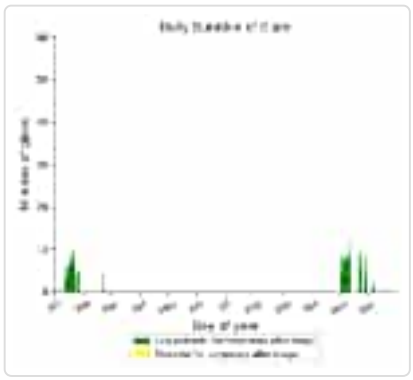


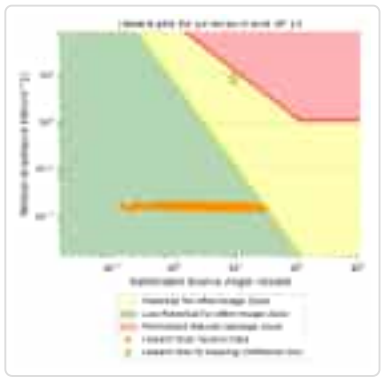
PV array 6: OP 14

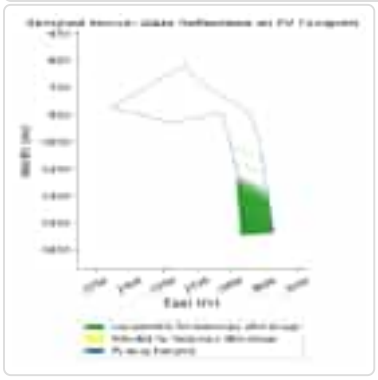
PV array is expected to produce the following glare for this receptor:

- 227 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





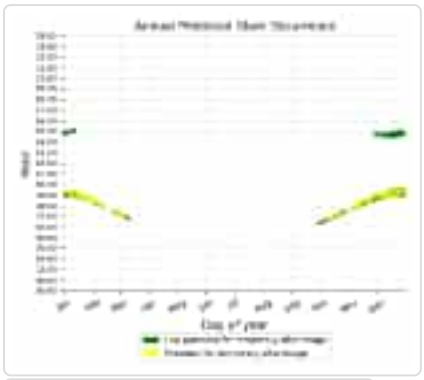


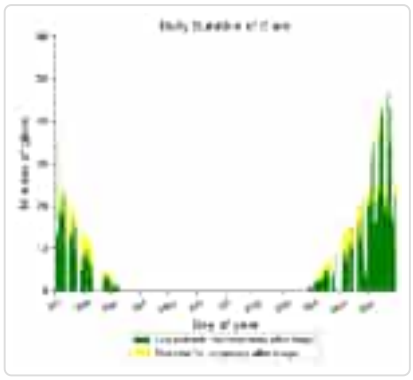


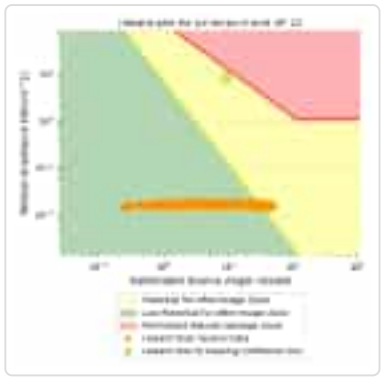
PV array 6: OP 15

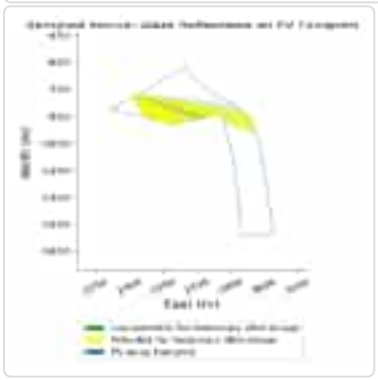
PV array is expected to produce the following glare for this receptor:

- 1,550 minutes of "green" glare with low potential to cause temporary after-image.
- 322 minutes of "yellow" glare with potential to cause temporary after-image.





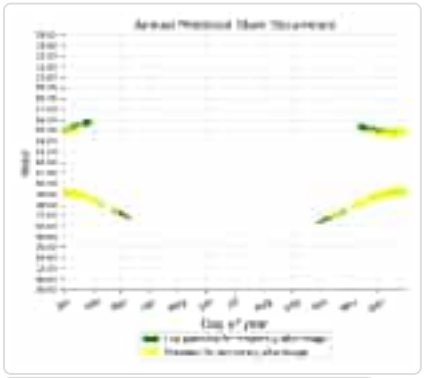


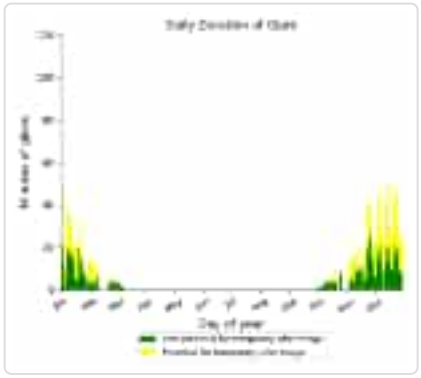


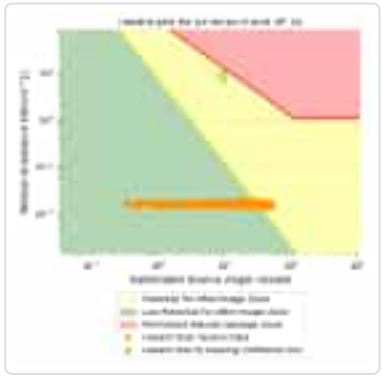
PV array 6: OP 16

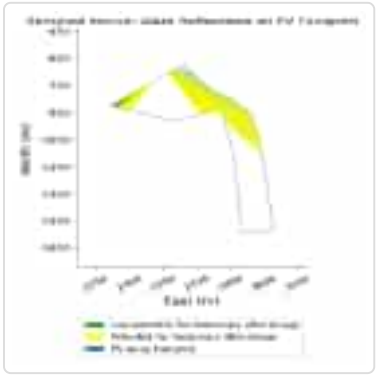
PV array is expected to produce the following glare for this receptor:

- 1,092 minutes of "green" glare with low potential to cause temporary after-image.
- 1,321 minutes of "yellow" glare with potential to cause temporary after-image.





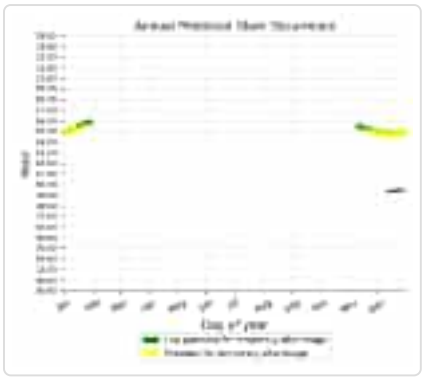


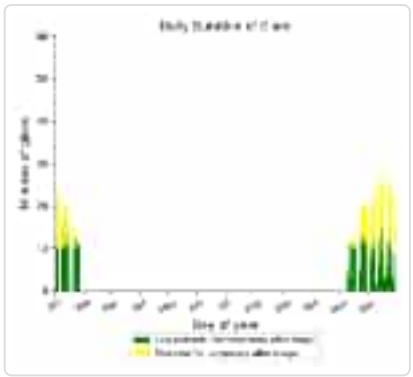


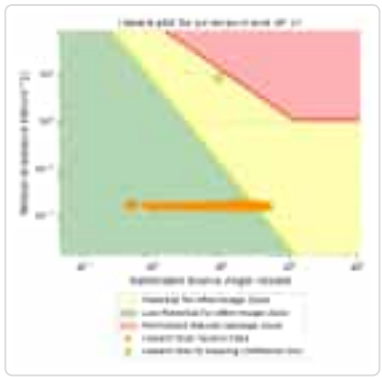
PV array 6: OP 17

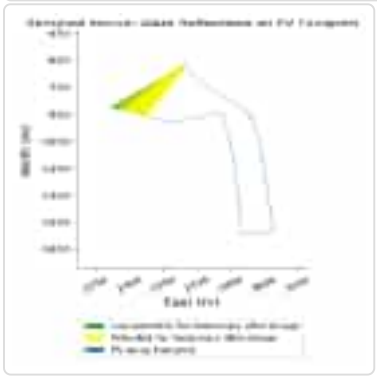
PV array is expected to produce the following glare for this receptor:

- 606 minutes of "green" glare with low potential to cause temporary after-image.
- 431 minutes of "yellow" glare with potential to cause temporary after-image.





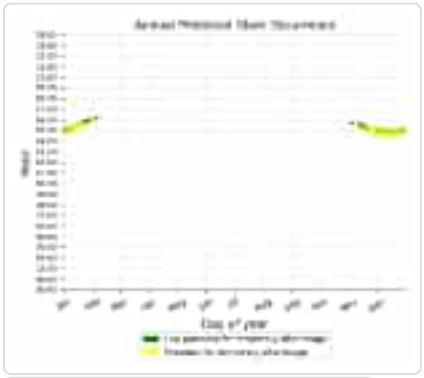


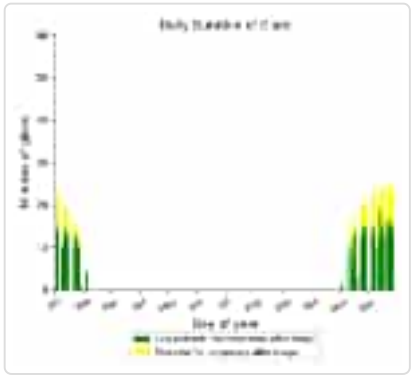


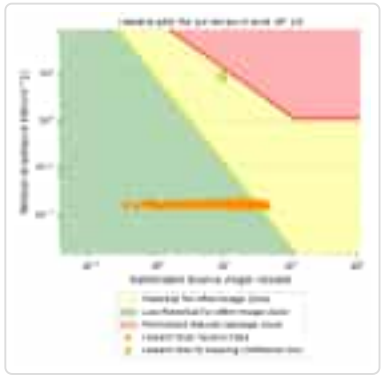
PV array 6: OP 18

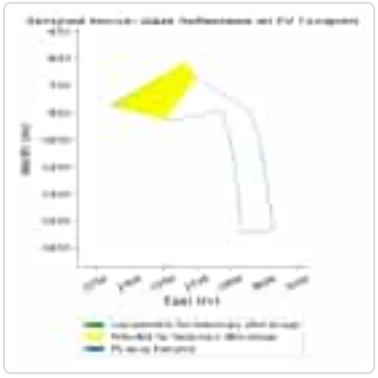
PV array is expected to produce the following glare for this receptor:

- 758 minutes of "green" glare with low potential to cause temporary after-image.
- 339 minutes of "yellow" glare with potential to cause temporary after-image.





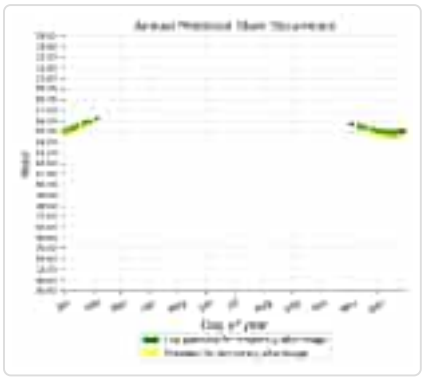


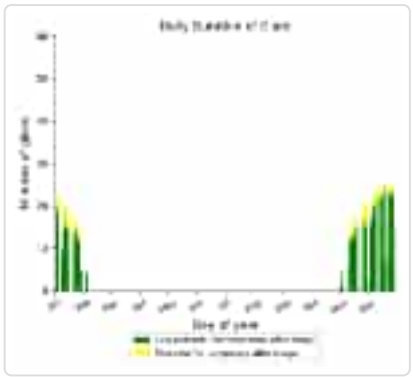


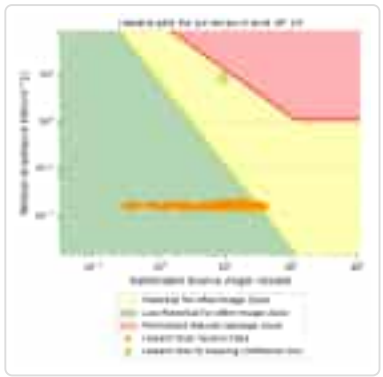
PV array 6: OP 19

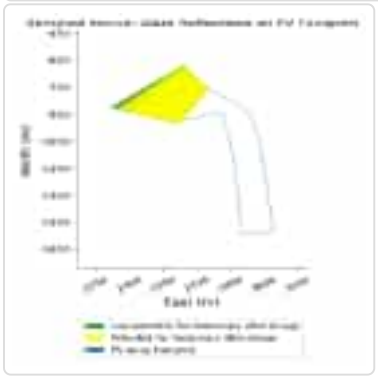
PV array is expected to produce the following glare for this receptor:

- 917 minutes of "green" glare with low potential to cause temporary after-image.
- 145 minutes of "yellow" glare with potential to cause temporary after-image.





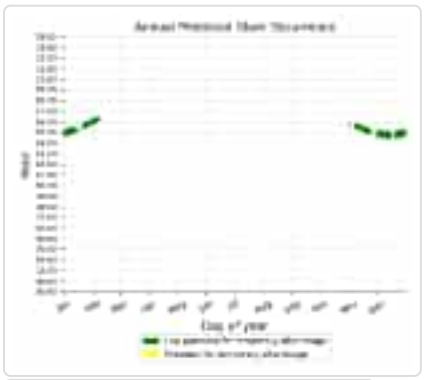


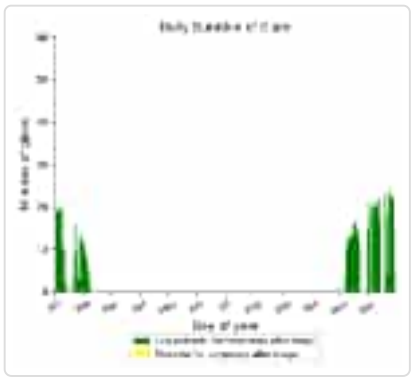


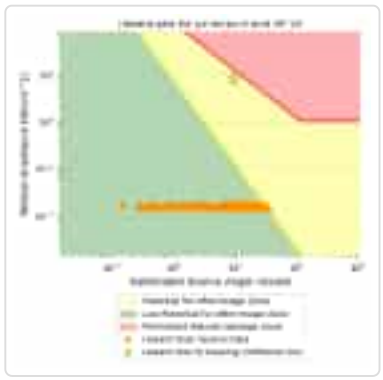
PV array 6: OP 20

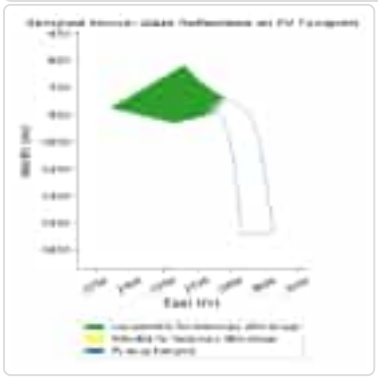
PV array is expected to produce the following glare for this receptor:

- 1,029 minutes of "green" glare with low potential to cause temporary after-image.
- 1 minutes of "yellow" glare with potential to cause temporary after-image.





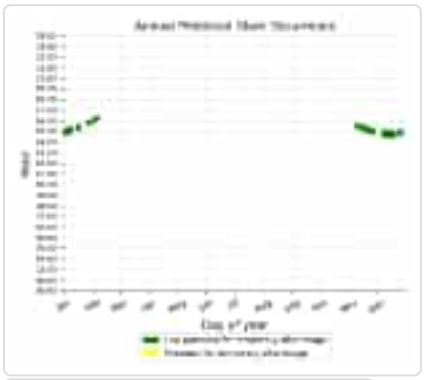


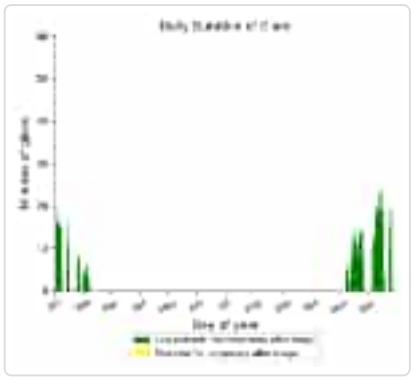


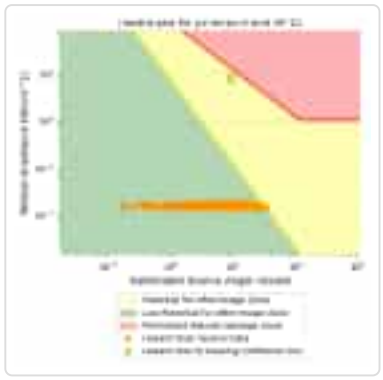
PV array 6: OP 21

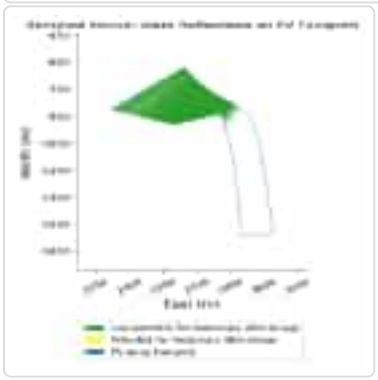
PV array is expected to produce the following glare for this receptor:

- 674 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 22

No glare found

PV array 6: OP 23

No glare found

PV array 6: OP 24

No glare found

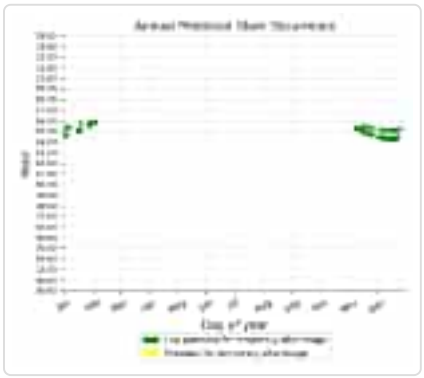
PV array 6: OP 25

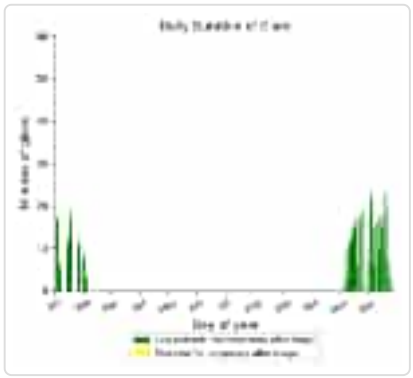
No glare found

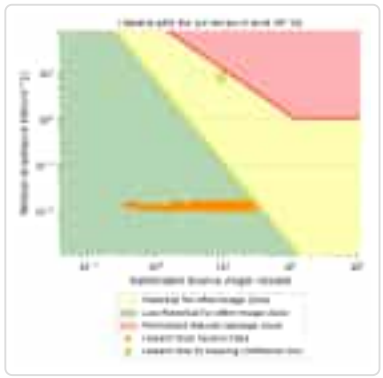
PV array 6: OP 26

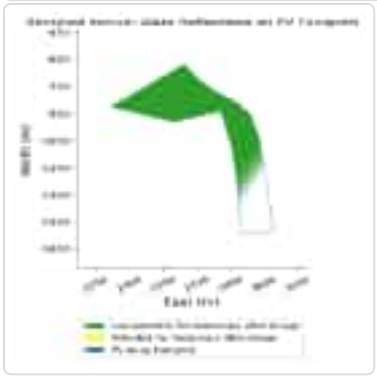
PV array is expected to produce the following glare for this receptor:

- 731 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





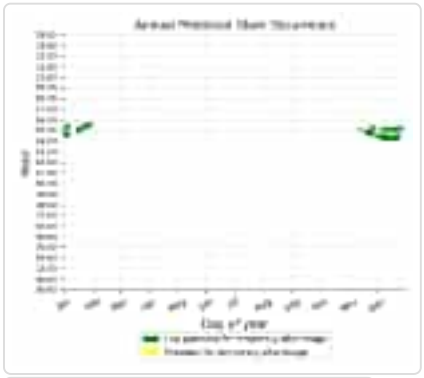


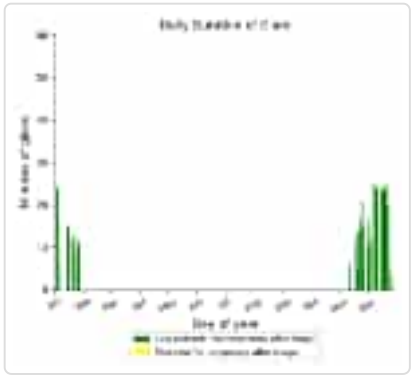


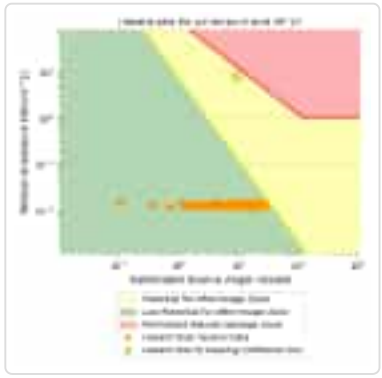
PV array 6: OP 27

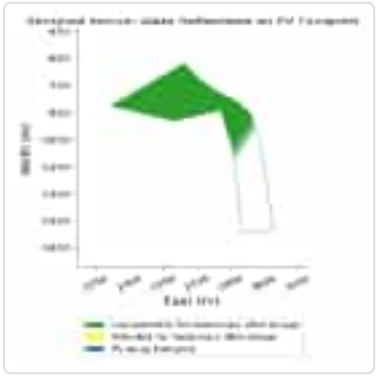
PV array is expected to produce the following glare for this receptor:

- 731 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





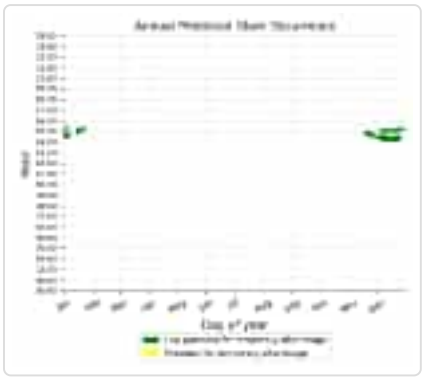


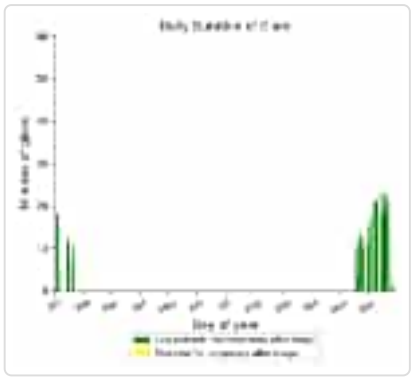


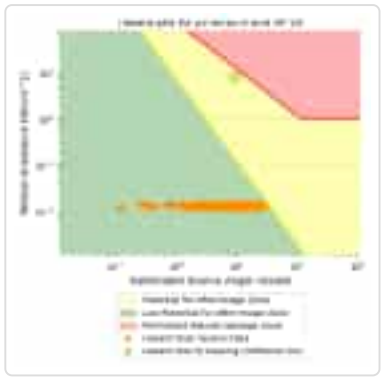
PV array 6: OP 28

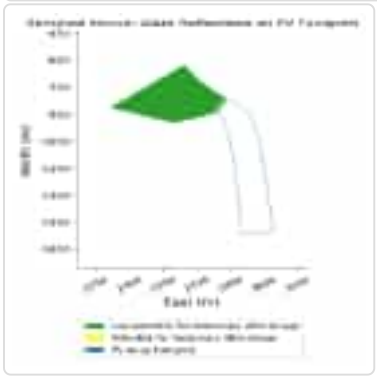
PV array is expected to produce the following glare for this receptor:

- 576 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





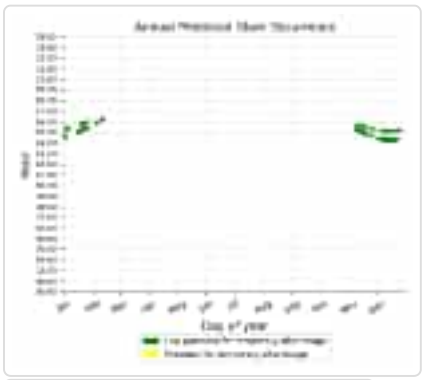


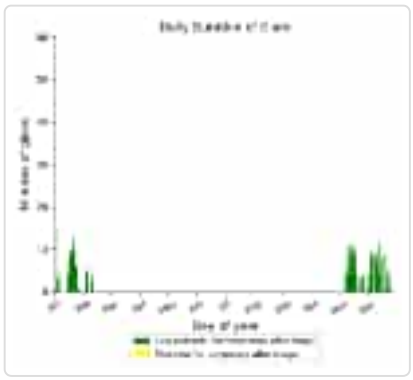


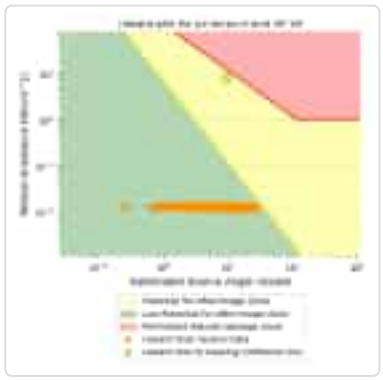
PV array 6: OP 29

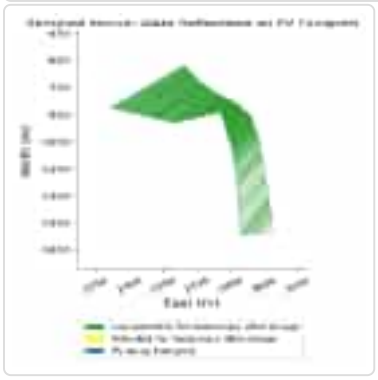
PV array is expected to produce the following glare for this receptor:

- 409 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 30

No glare found

PV array 6: OP 31

No glare found

PV array 6: OP 32

No glare found

PV array 6: OP 33

No glare found

PV array 6: OP 34

No glare found

PV array 6: OP 35

No glare found

PV array 6: OP 36

No glare found

PV array 6: OP 37

No glare found

PV array 6: OP 38

No glare found

PV array 6: OP 39

No glare found

PV array 6: OP 40

No glare found

PV array 6: OP 41

No glare found

PV array 6: OP 42

No glare found

PV array 6: OP 43

No glare found

PV array 6: OP 44

No glare found

PV array 6: OP 45

No glare found

PV array 6: OP 46

No glare found

PV array 6: OP 47

No glare found

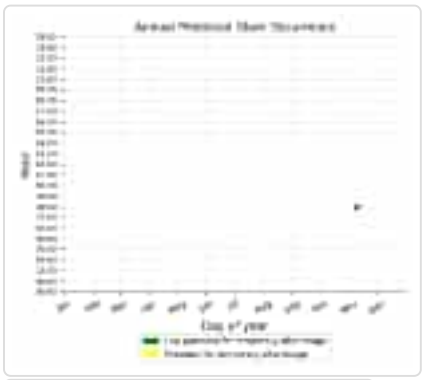
PV array 6: OP 48

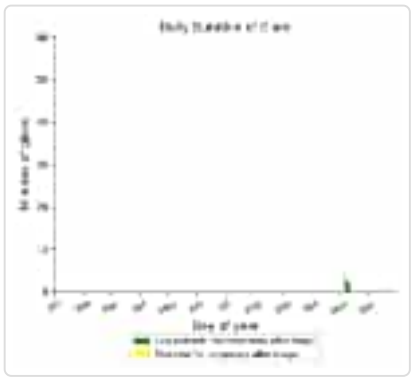
No glare found

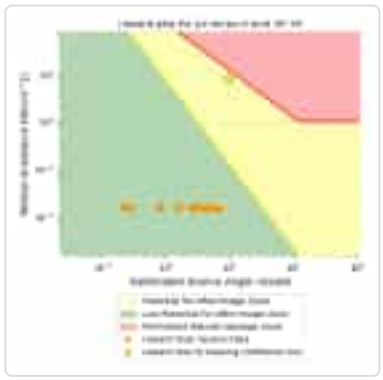
PV array 6: OP 49

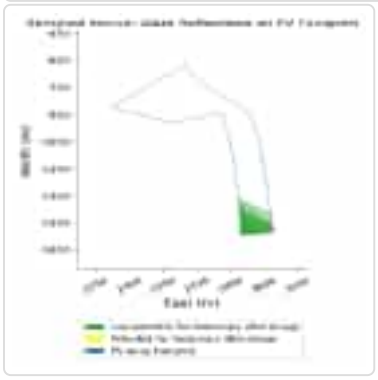
PV array is expected to produce the following glare for this receptor:

- 15 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





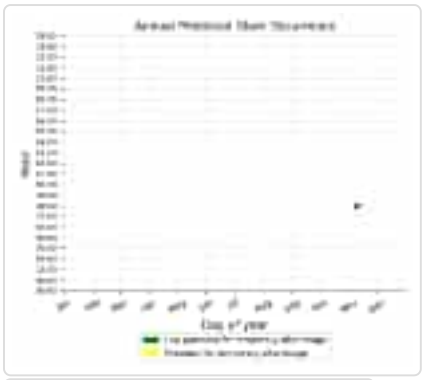


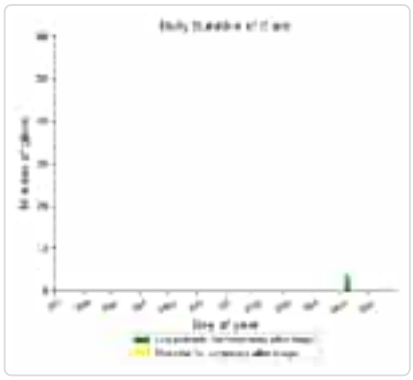


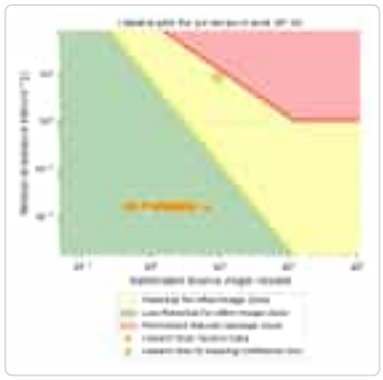
PV array 6: OP 50

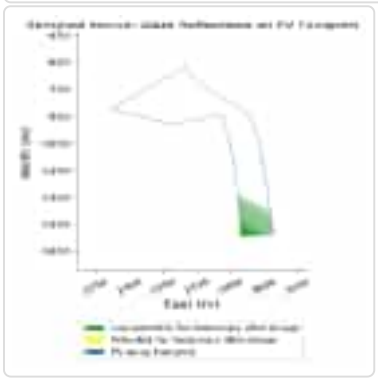
PV array is expected to produce the following glare for this receptor:

- 16 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





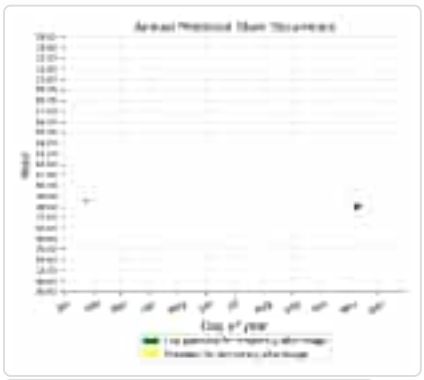


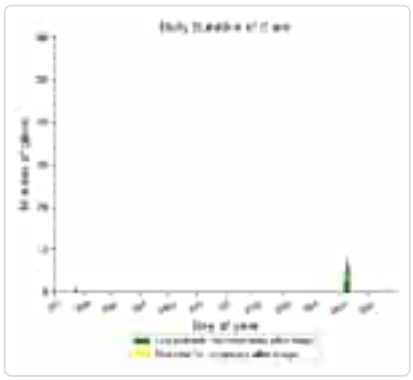


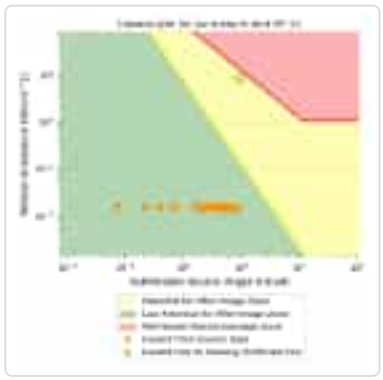
PV array 6: OP 51

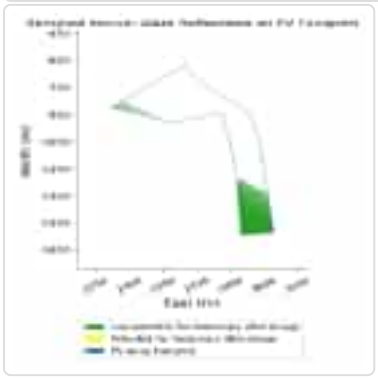
PV array is expected to produce the following glare for this receptor:

- 33 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





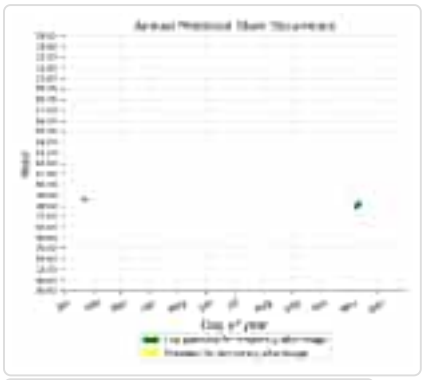


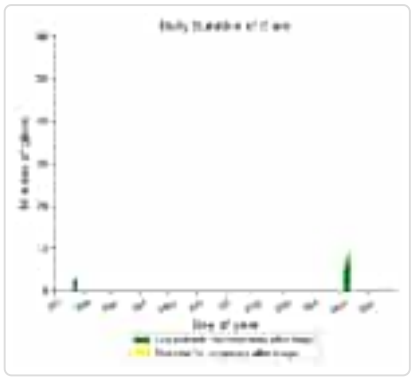


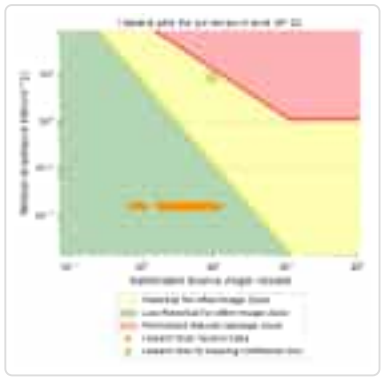
PV array 6: OP 52

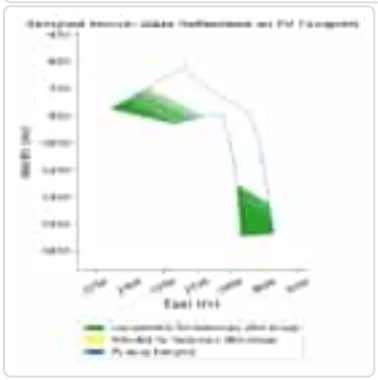
PV array is expected to produce the following glare for this receptor:

- 61 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





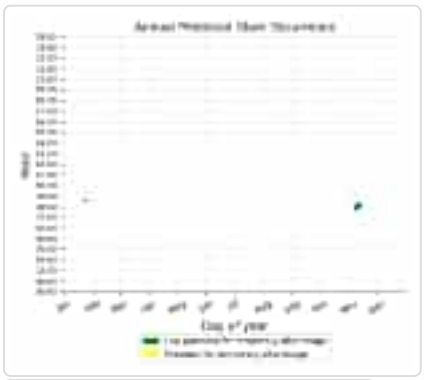


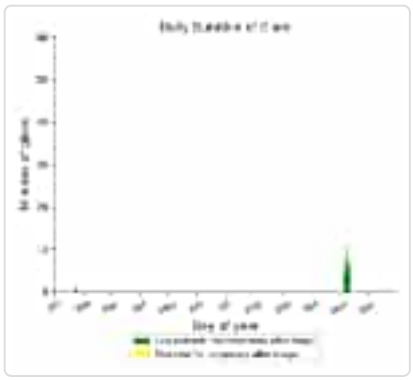


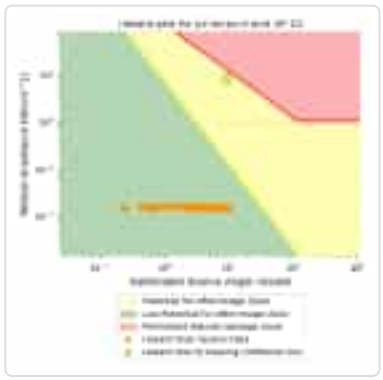
PV array 6: OP 53

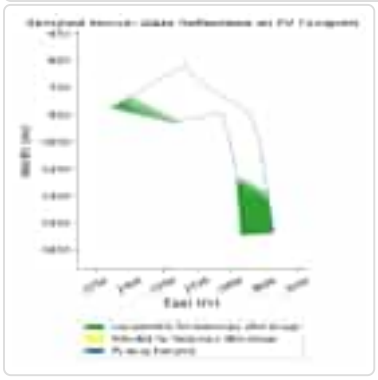
PV array is expected to produce the following glare for this receptor:

- 53 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 54

No glare found

PV array 6: OP 55

No glare found

PV array 6: OP 56

No glare found

PV array 6: OP 57

No glare found

PV array 6: OP 58

No glare found

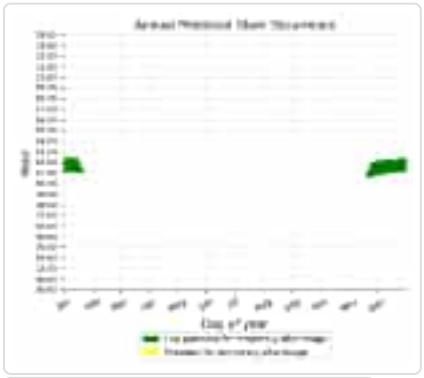
PV array 6: OP 59

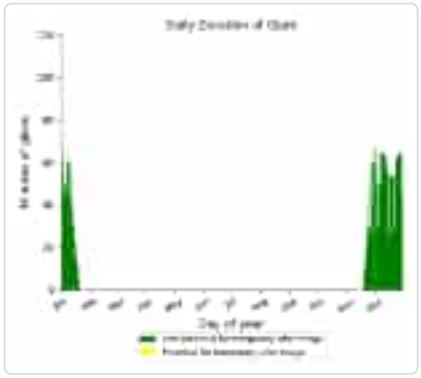
No glare found

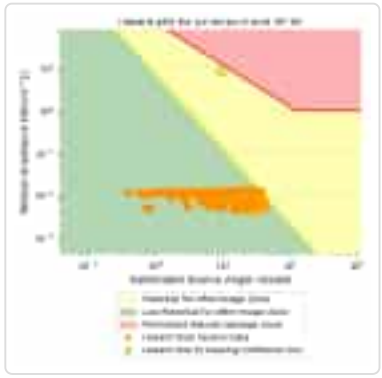
PV array 6: OP 60

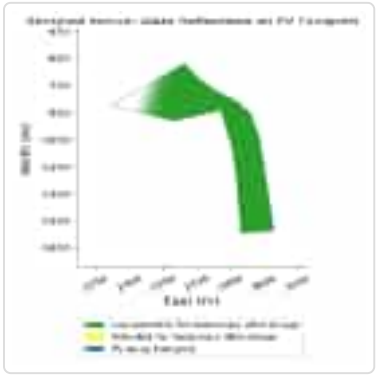
PV array is expected to produce the following glare for this receptor:

- 2,911 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





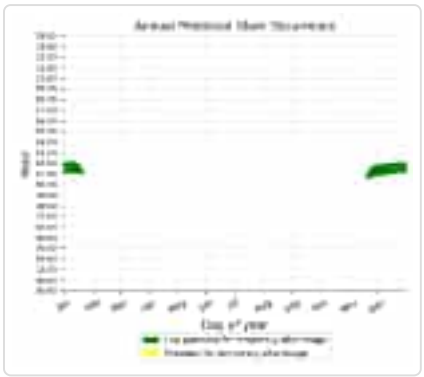


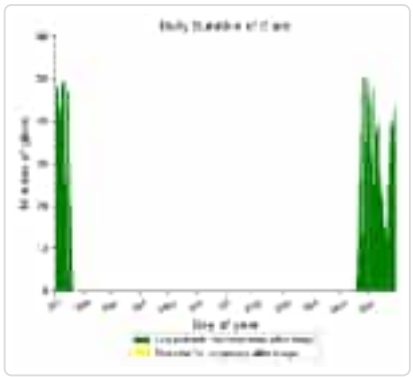


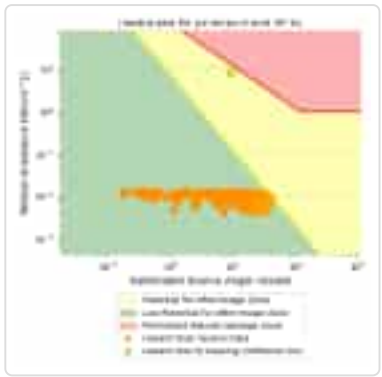
PV array 6: OP 61

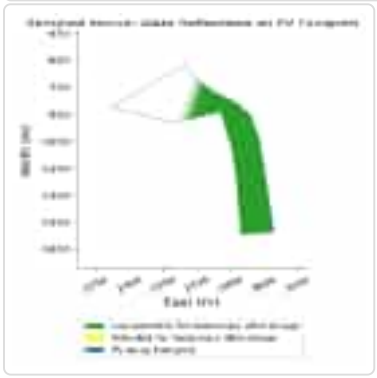
PV array is expected to produce the following glare for this receptor:

- 2,170 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





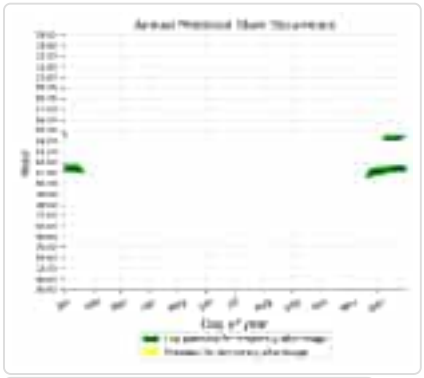


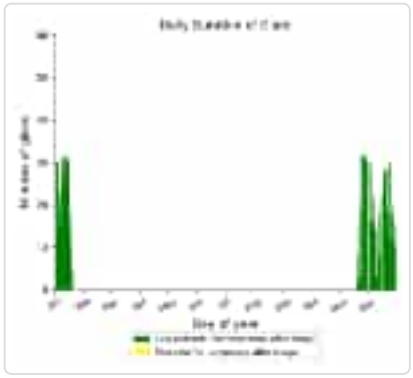


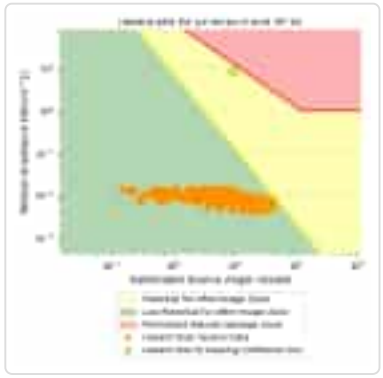
PV array 6: OP 62

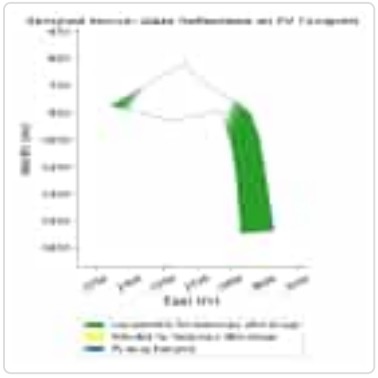
PV array is expected to produce the following glare for this receptor:

- 1,264 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





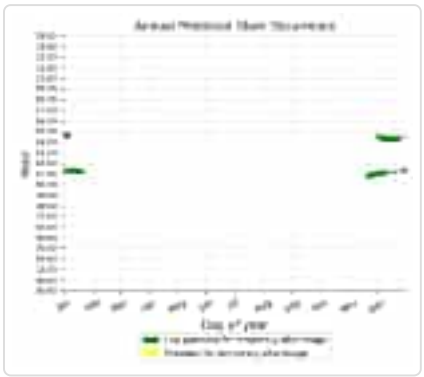


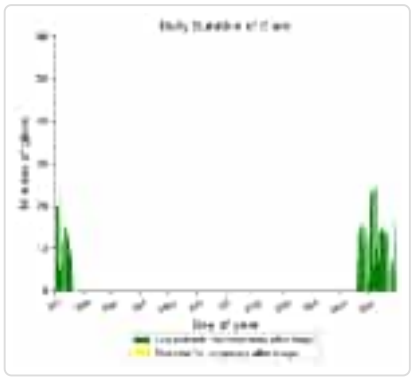


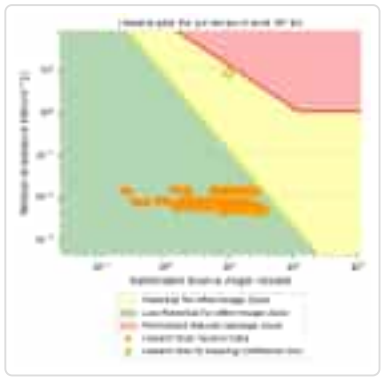
PV array 6: OP 63

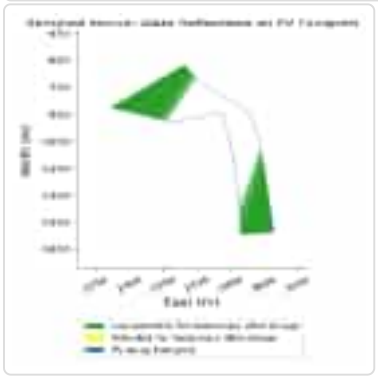
PV array is expected to produce the following glare for this receptor:

- 716 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





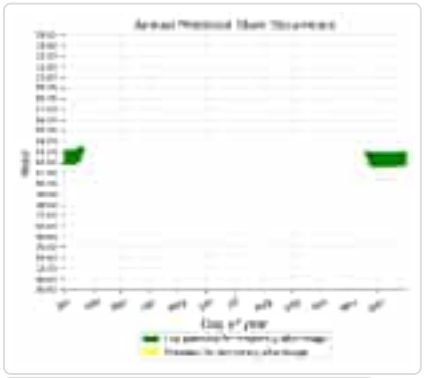


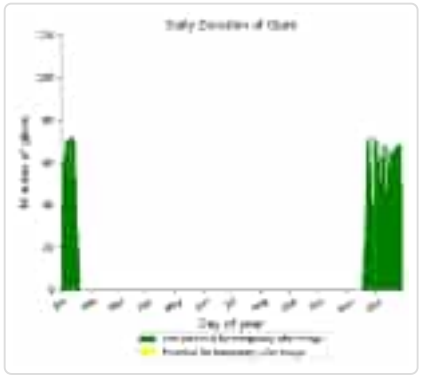


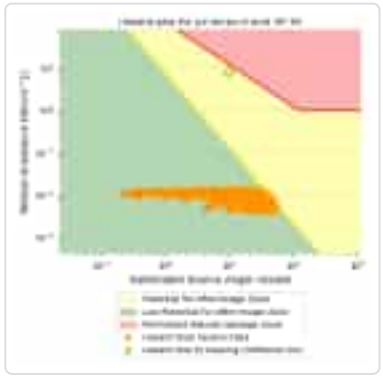
PV array 6: OP 64

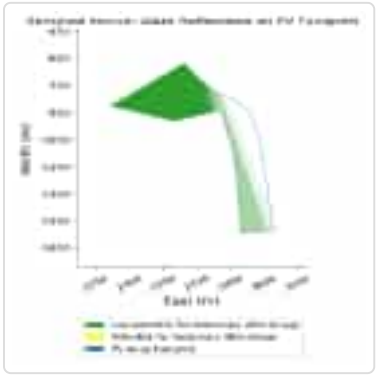
PV array is expected to produce the following glare for this receptor:

- 3,831 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





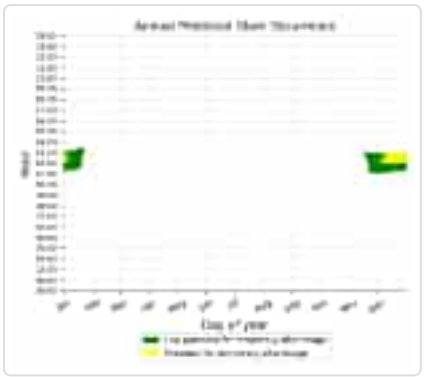


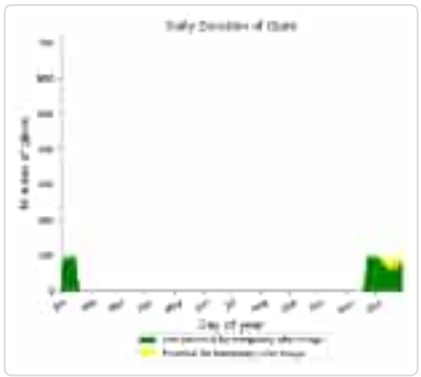


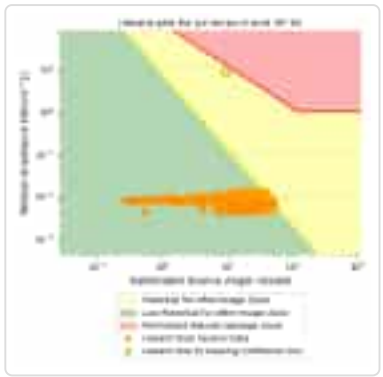
PV array 6: OP 65

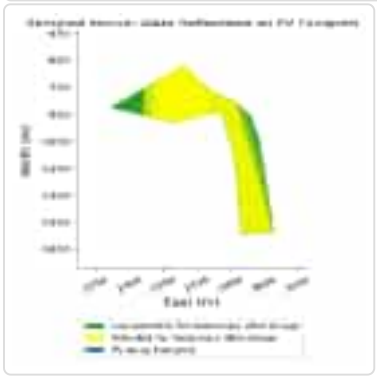
PV array is expected to produce the following glare for this receptor:

- 4,803 minutes of "green" glare with low potential to cause temporary after-image.
- 588 minutes of "yellow" glare with potential to cause temporary after-image.





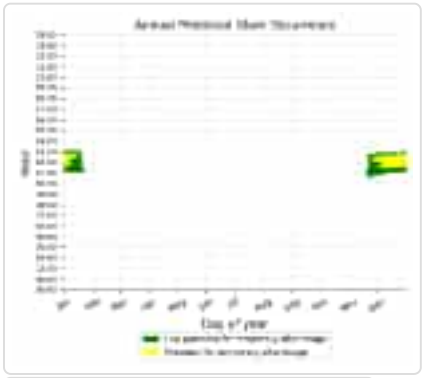


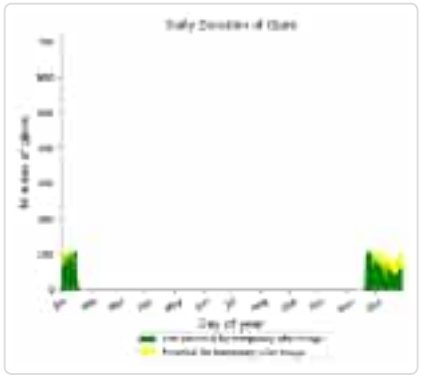


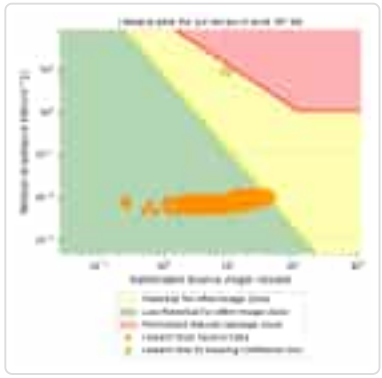
PV array 6: OP 66

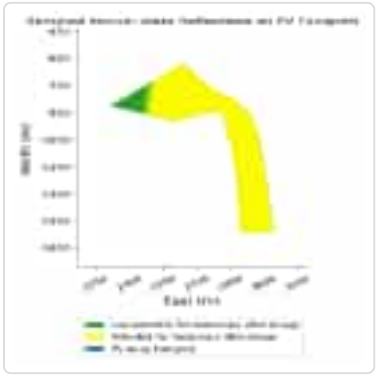
PV array is expected to produce the following glare for this receptor:

- 4,323 minutes of "green" glare with low potential to cause temporary after-image.
- 1,394 minutes of "yellow" glare with potential to cause temporary after-image.





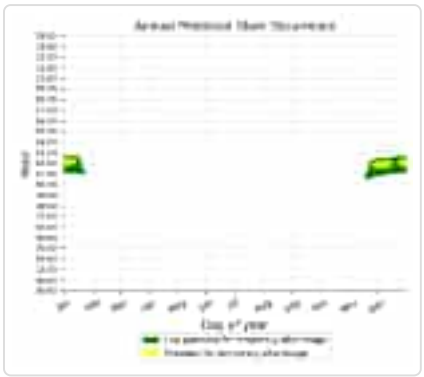


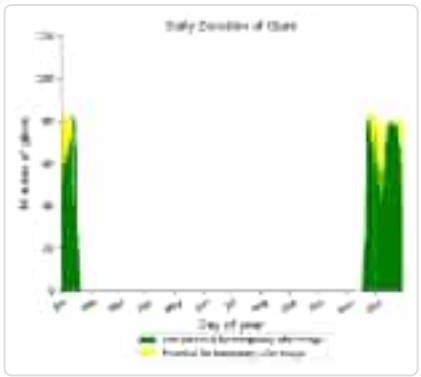


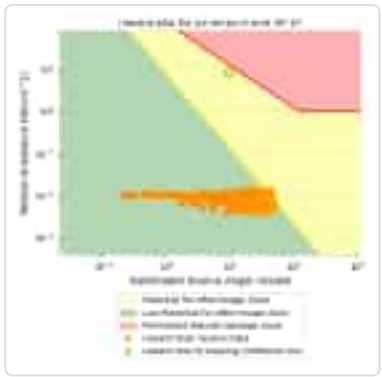
PV array 6: OP 67

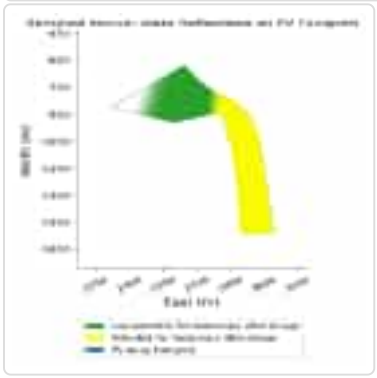
PV array is expected to produce the following glare for this receptor:

- 3,969 minutes of "green" glare with low potential to cause temporary after-image.
- 573 minutes of "yellow" glare with potential to cause temporary after-image.





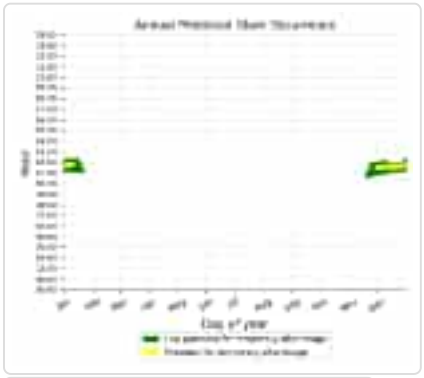


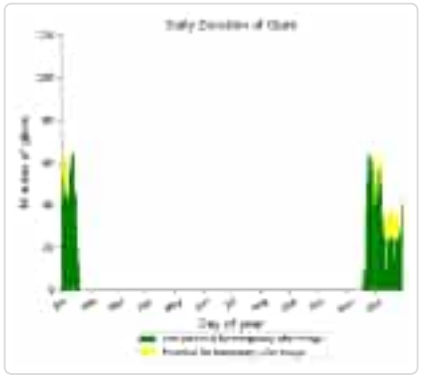


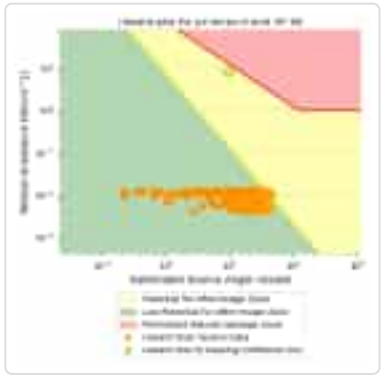
PV array 6: OP 68

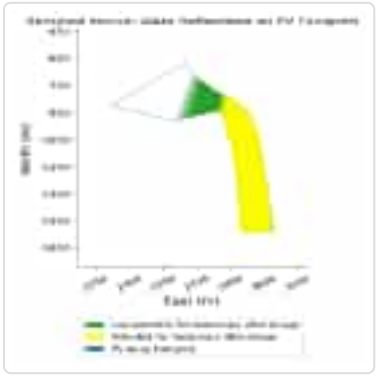
PV array is expected to produce the following glare for this receptor:

- 2,453 minutes of "green" glare with low potential to cause temporary after-image.
- 364 minutes of "yellow" glare with potential to cause temporary after-image.





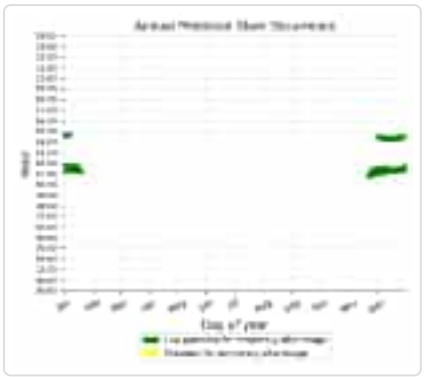


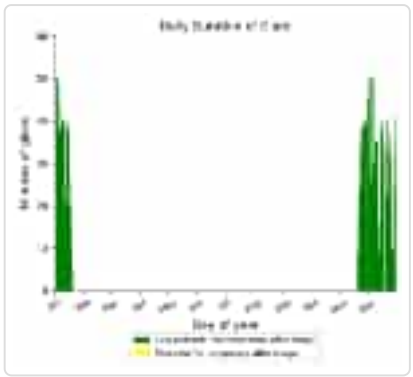


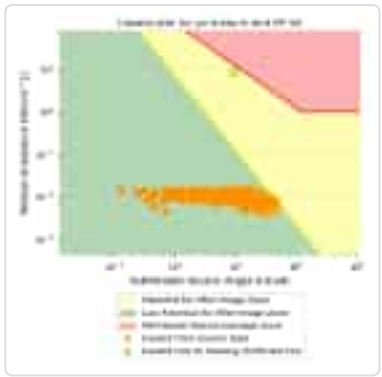
PV array 6: OP 69

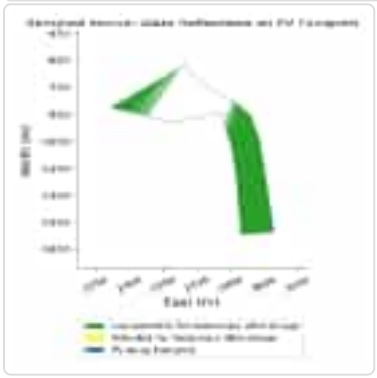
PV array is expected to produce the following glare for this receptor:

- 2,057 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





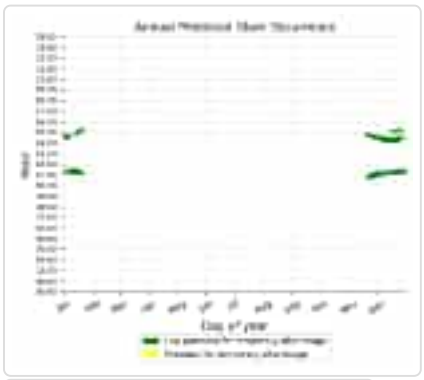


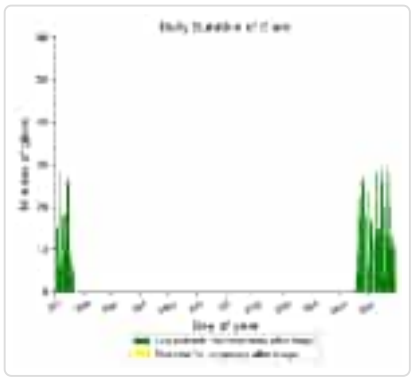


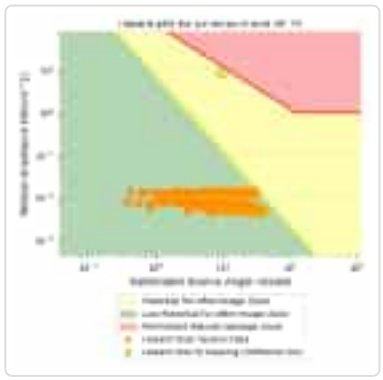
PV array 6: OP 70

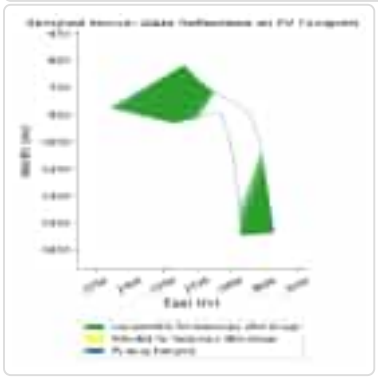
PV array is expected to produce the following glare for this receptor:

- 949 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





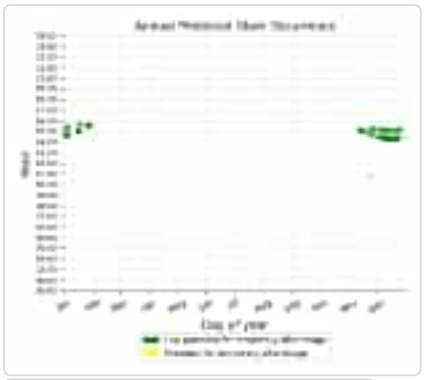


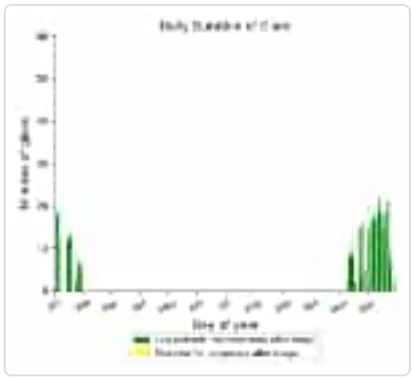


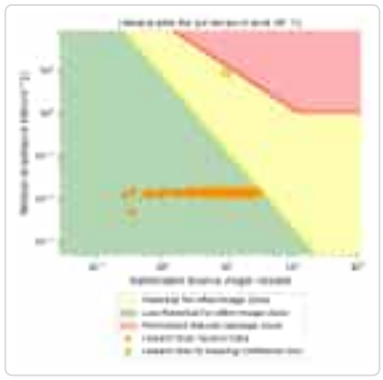
PV array 6: OP 71

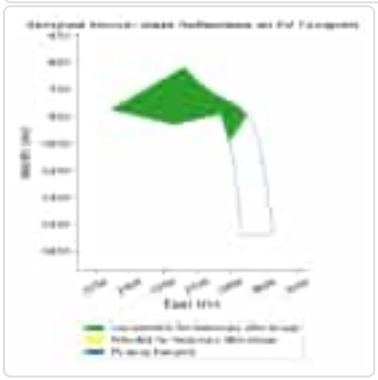
PV array is expected to produce the following glare for this receptor:

- 637 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









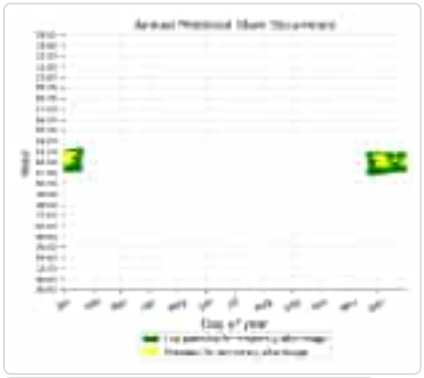
PV array 6: OP 72

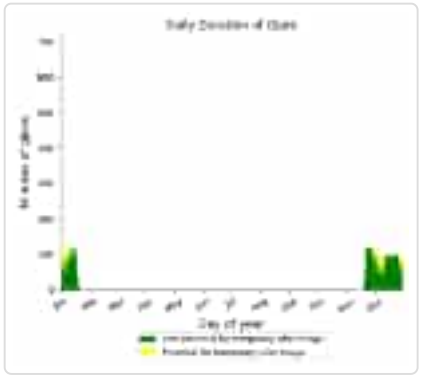
No glare found

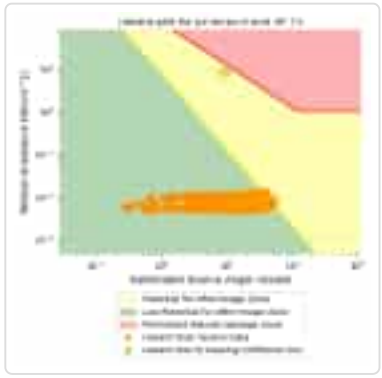
PV array 6: OP 73

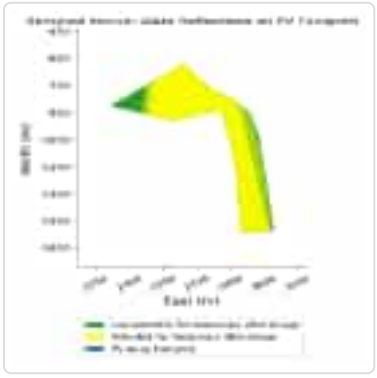
PV array is expected to produce the following glare for this receptor:

- 5,078 minutes of "green" glare with low potential to cause temporary after-image.
- 824 minutes of "yellow" glare with potential to cause temporary after-image.





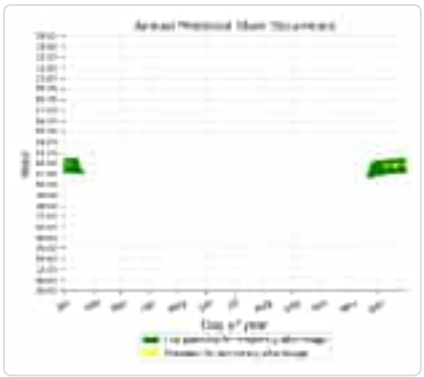


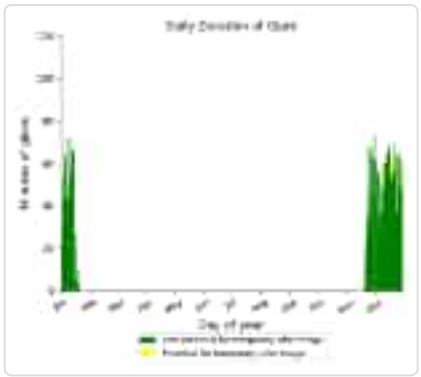


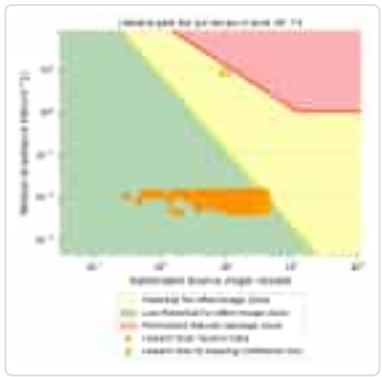
PV array 6: OP 74

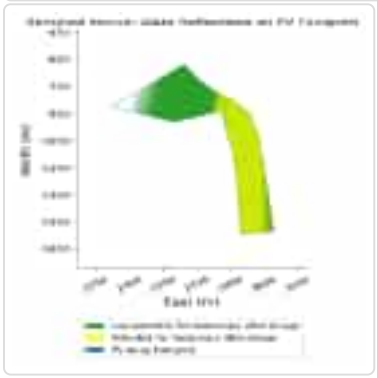
PV array is expected to produce the following glare for this receptor:

- 3,048 minutes of "green" glare with low potential to cause temporary after-image.
- 71 minutes of "yellow" glare with potential to cause temporary after-image.





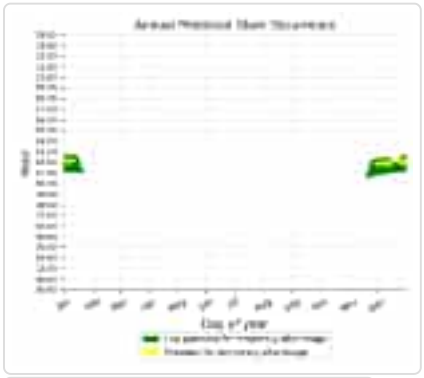


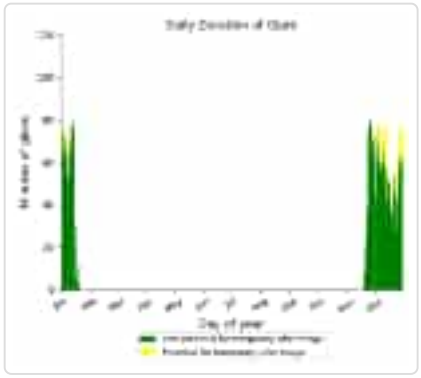


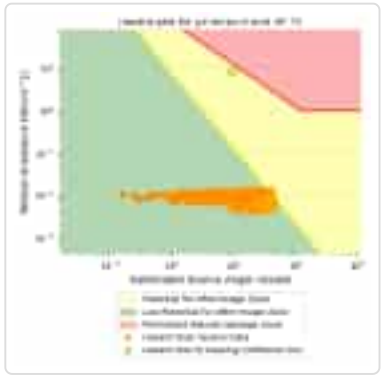
PV array 6: OP 75

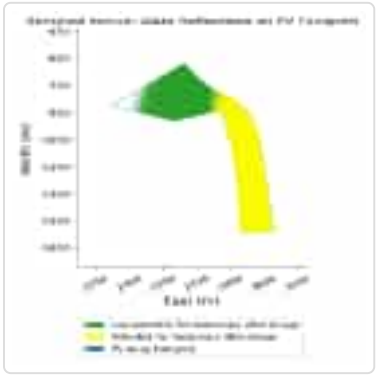
PV array is expected to produce the following glare for this receptor:

- 3,351 minutes of "green" glare with low potential to cause temporary after-image.
- 286 minutes of "yellow" glare with potential to cause temporary after-image.









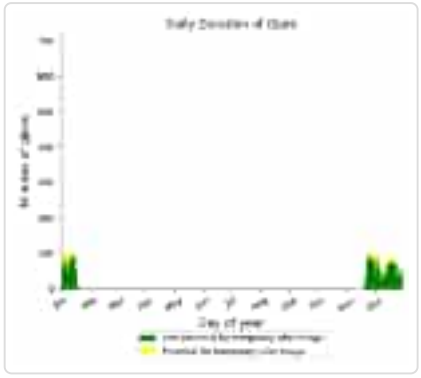
PV array 6: OP 76

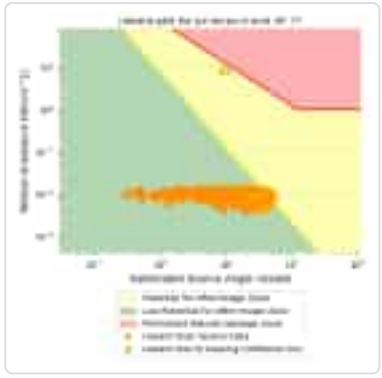
No glare found

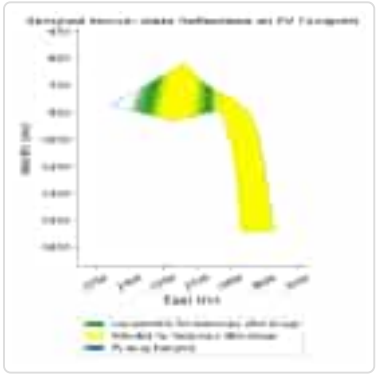
PV array 6: OP 77

PV array is expected to produce the following glare for this receptor:

- 3,879 minutes of "green" glare with low potential to cause temporary after-image.
- 698 minutes of "yellow" glare with potential to cause temporary after-image.



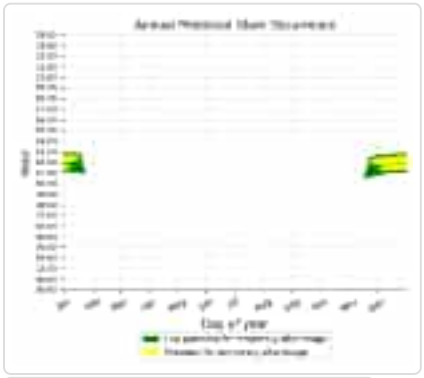


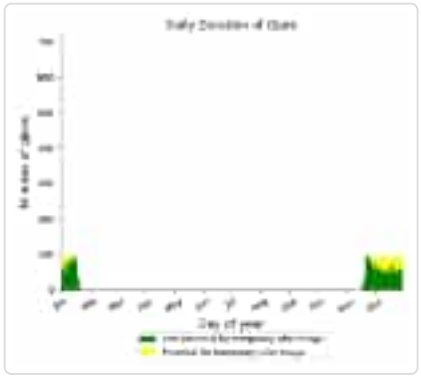


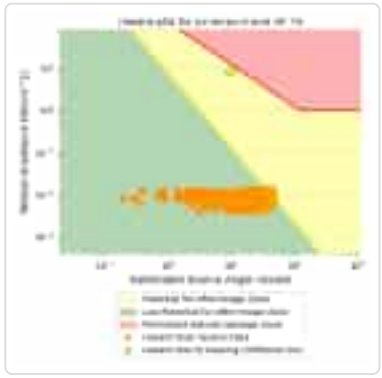
PV array 6: OP 78

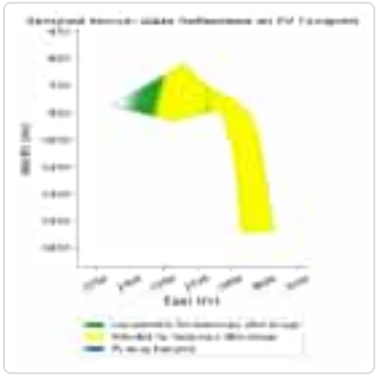
PV array is expected to produce the following glare for this receptor:

- 3,976 minutes of "green" glare with low potential to cause temporary after-image.
- 1,478 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 79

No glare found

PV array 6: OP 80

No glare found

PV array 7 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	198	0
OP: OP 2	175	0
OP: OP 3	219	0
OP: OP 4	214	0
OP: OP 5	213	0
OP: OP 6	214	0
OP: OP 7	213	0
OP: OP 8	216	0
OP: OP 9	207	15
OP: OP 10	124	5
OP: OP 11	701	197
OP: OP 12	128	0
OP: OP 13	54	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0

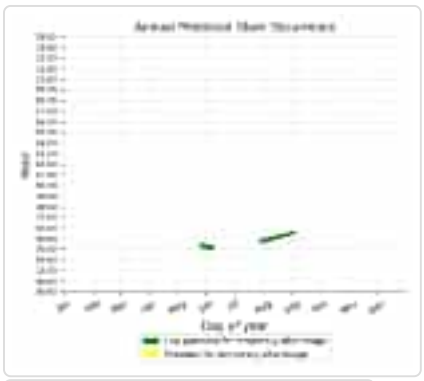
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	27	0
OP: OP 31	28	0
OP: OP 32	39	0
OP: OP 33	64	0
OP: OP 34	98	0
OP: OP 35	114	0
OP: OP 36	142	0
OP: OP 37	220	0
OP: OP 38	17	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0

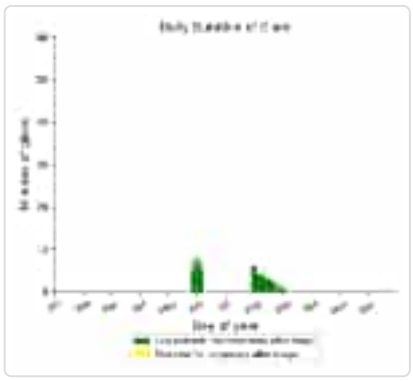
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

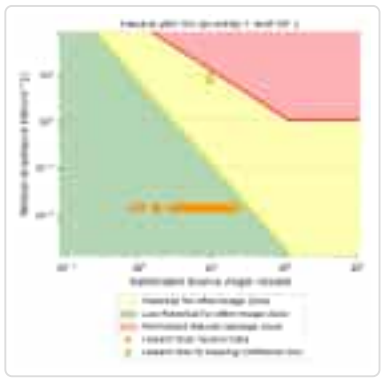
PV array 7: OP 1

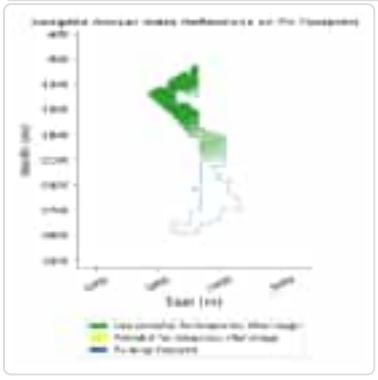
PV array is expected to produce the following glare for this receptor:

- 198 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





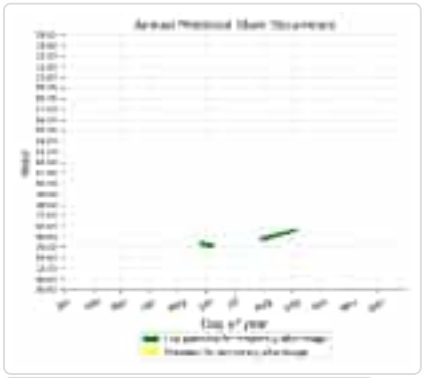


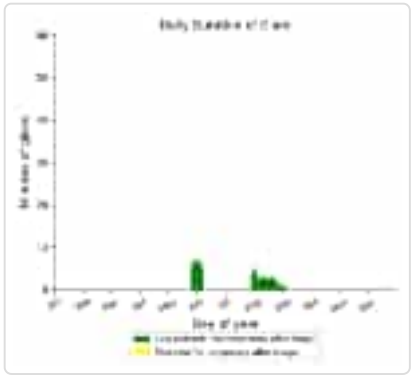


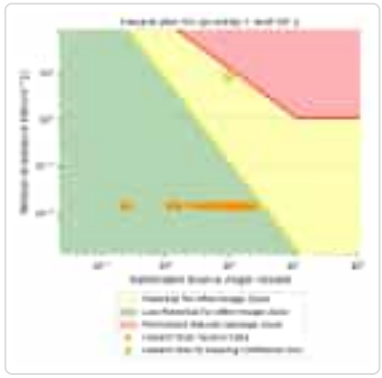
PV array 7: OP 2

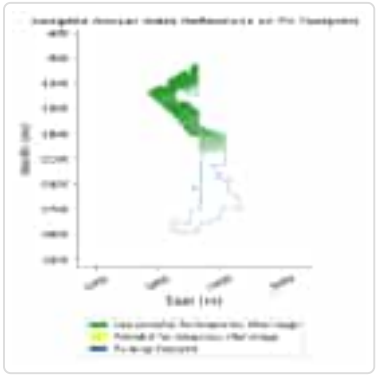
PV array is expected to produce the following glare for this receptor:

- 175 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





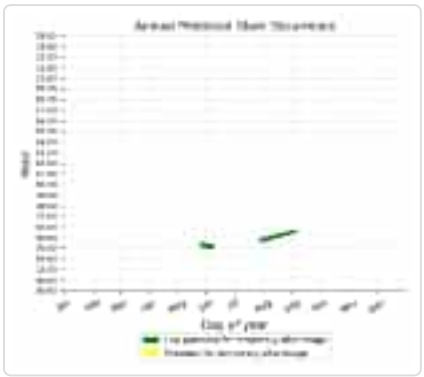


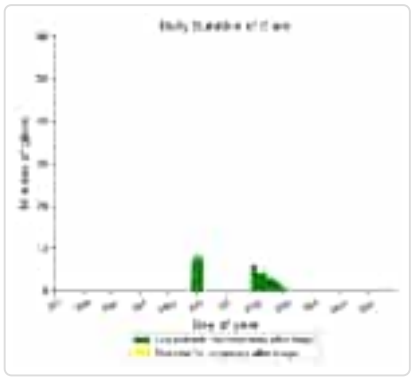


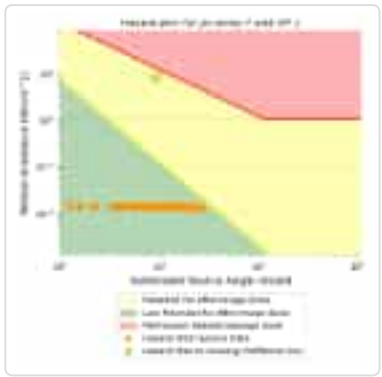
PV array 7: OP 3

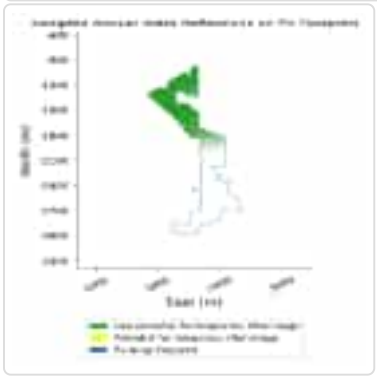
PV array is expected to produce the following glare for this receptor:

- 219 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





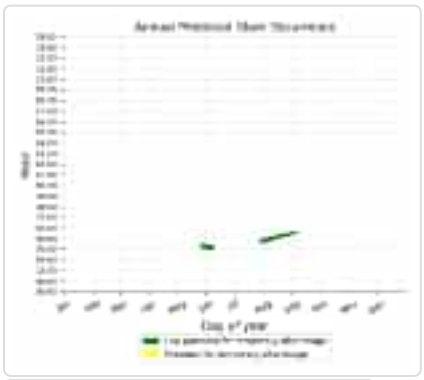


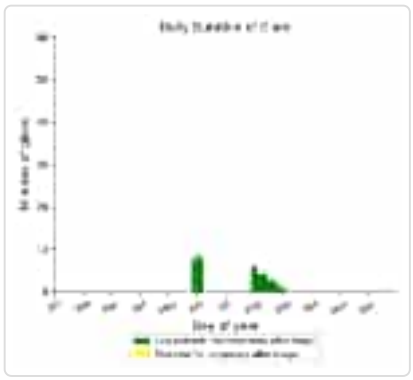


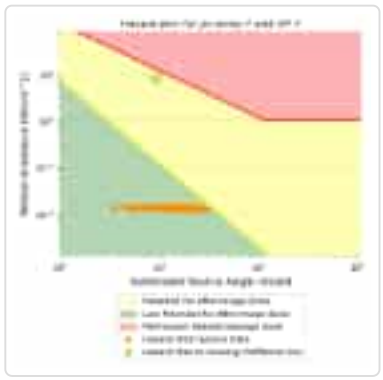
PV array 7: OP 4

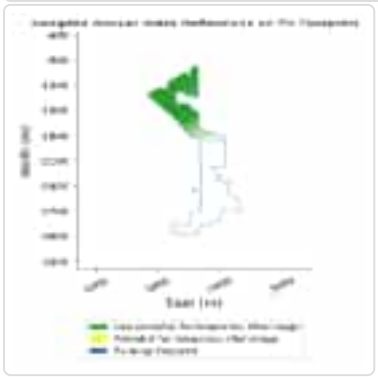
PV array is expected to produce the following glare for this receptor:

- 214 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





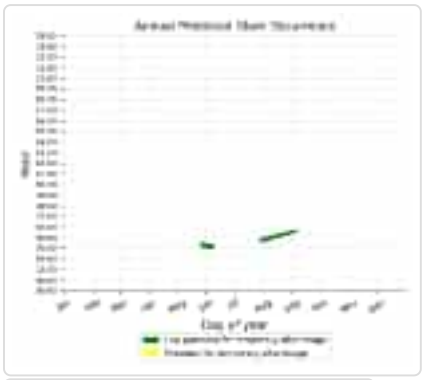


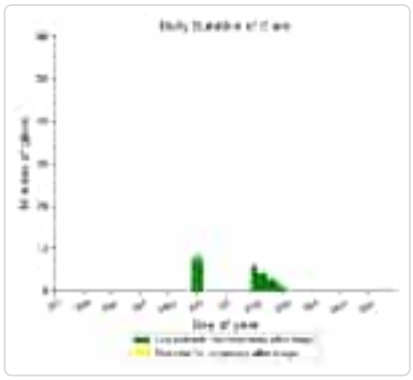


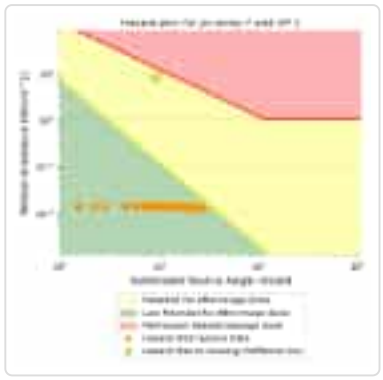
PV array 7: OP 5

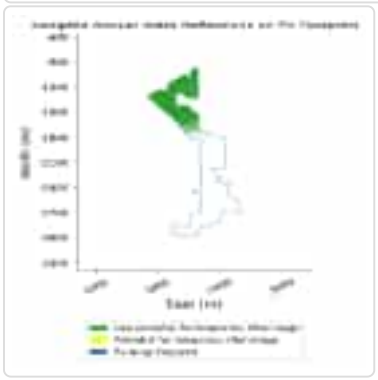
PV array is expected to produce the following glare for this receptor:

- 213 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





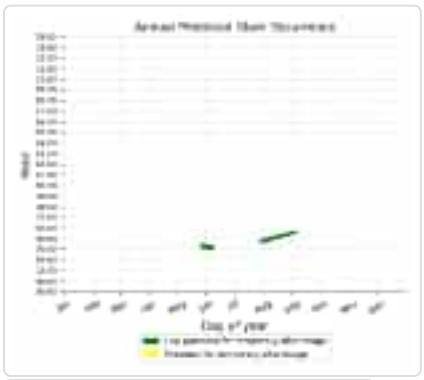


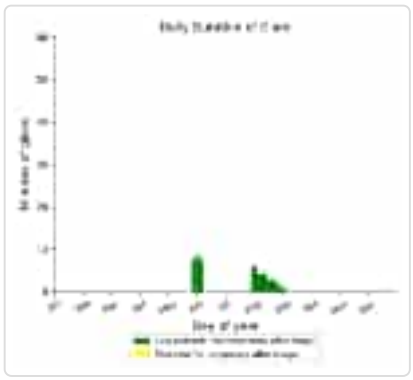


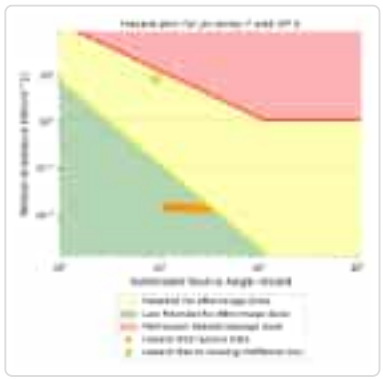
PV array 7: OP 6

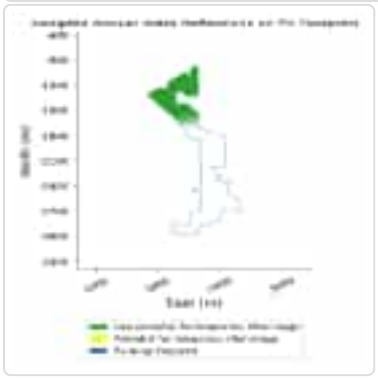
PV array is expected to produce the following glare for this receptor:

- 214 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





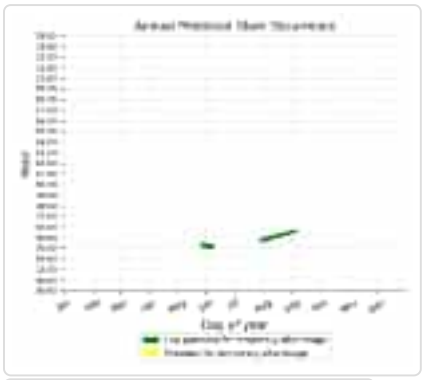


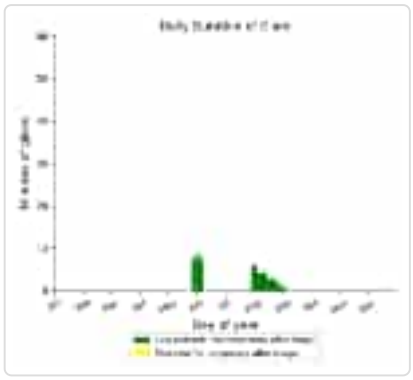


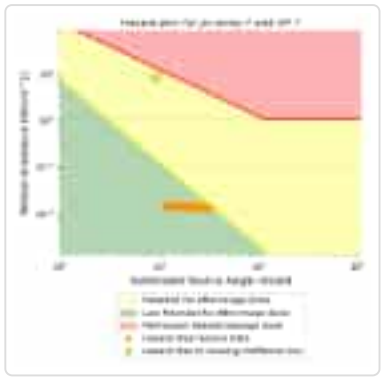
PV array 7: OP 7

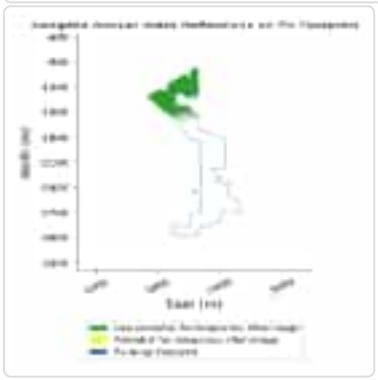
PV array is expected to produce the following glare for this receptor:

- 213 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





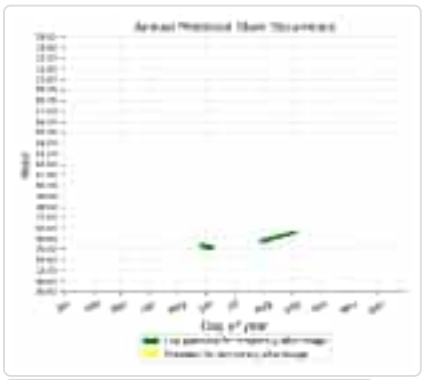


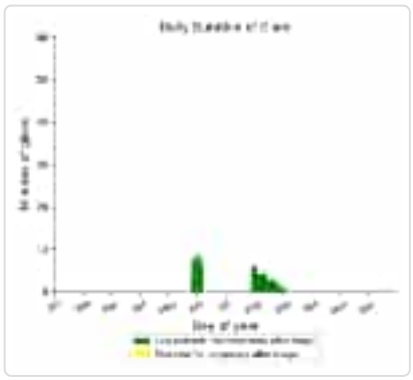


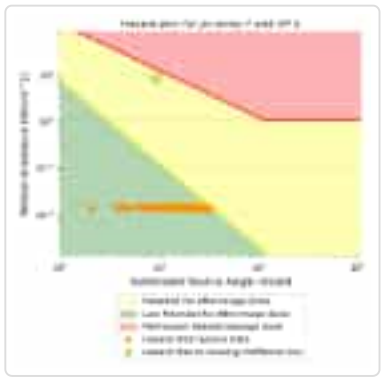
PV array 7: OP 8

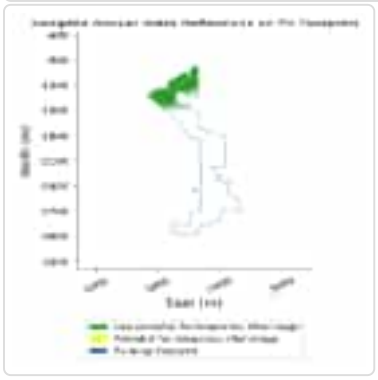
PV array is expected to produce the following glare for this receptor:

- 216 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





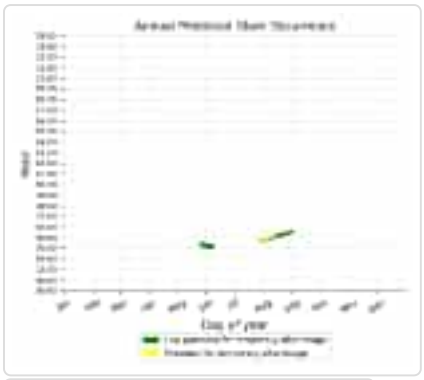


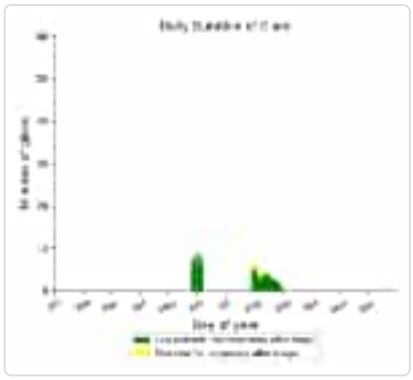


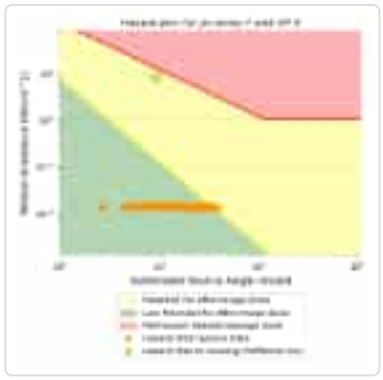
PV array 7: OP 9

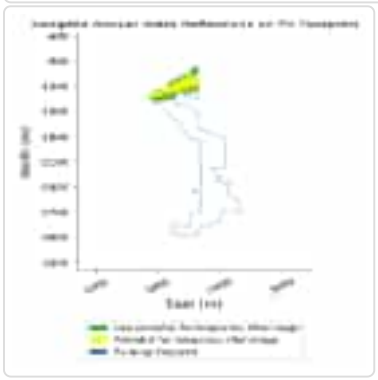
PV array is expected to produce the following glare for this receptor:

- 207 minutes of "green" glare with low potential to cause temporary after-image.
- 15 minutes of "yellow" glare with potential to cause temporary after-image.





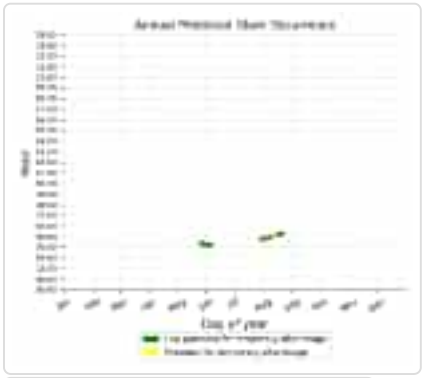


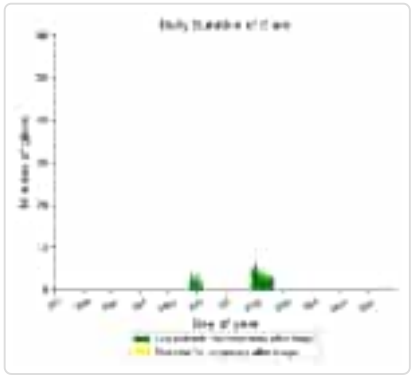


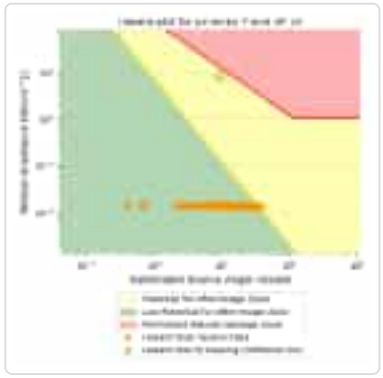
PV array 7: OP 10

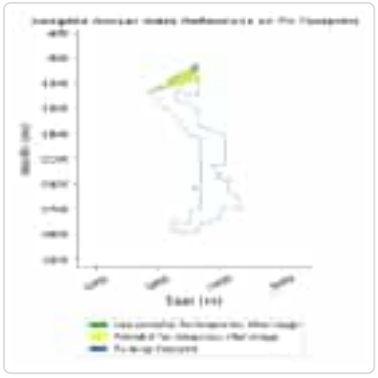
PV array is expected to produce the following glare for this receptor:

- 124 minutes of "green" glare with low potential to cause temporary after-image.
- 5 minutes of "yellow" glare with potential to cause temporary after-image.





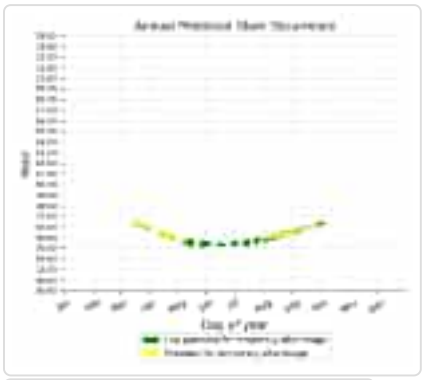


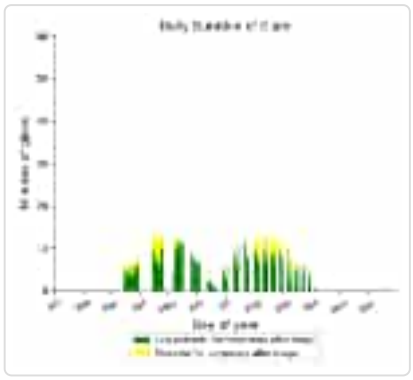


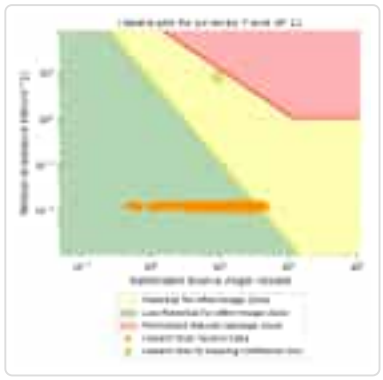
PV array 7: OP 11

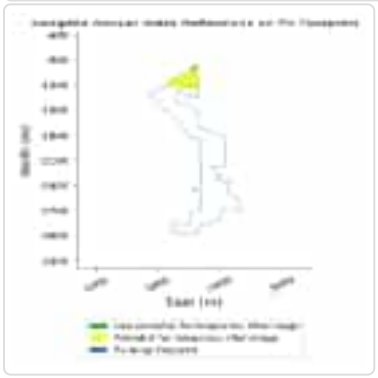
PV array is expected to produce the following glare for this receptor:

- 701 minutes of "green" glare with low potential to cause temporary after-image.
- 197 minutes of "yellow" glare with potential to cause temporary after-image.





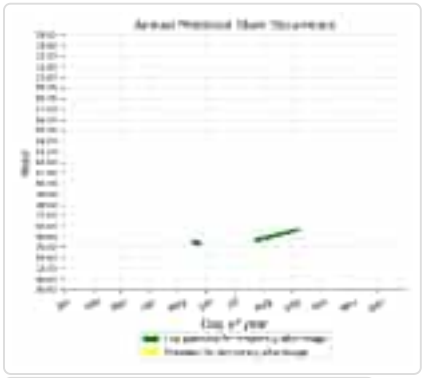


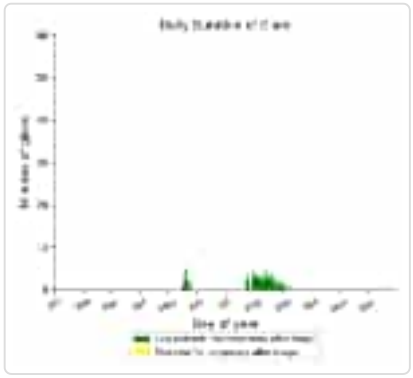


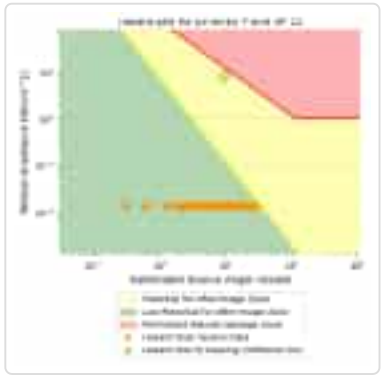
PV array 7: OP 12

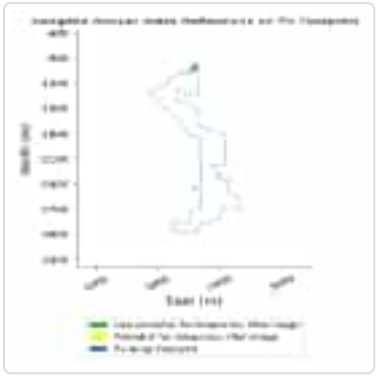
PV array is expected to produce the following glare for this receptor:

- 128 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





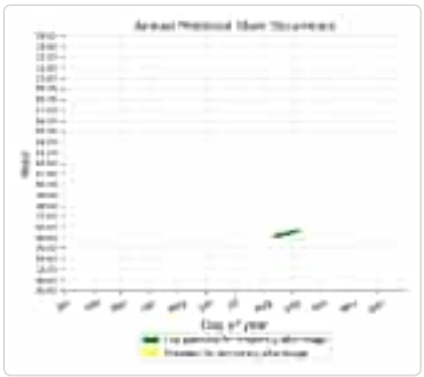


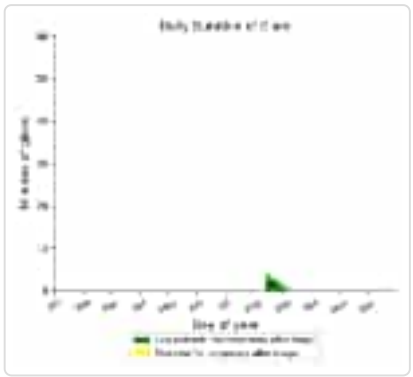


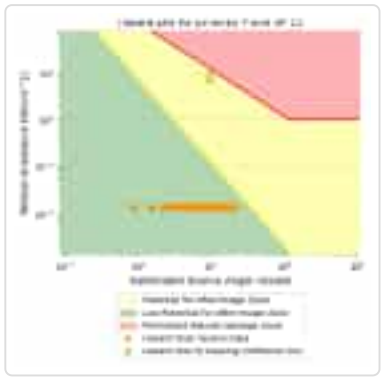
PV array 7: OP 13

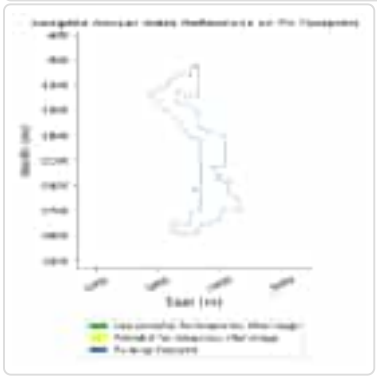
PV array is expected to produce the following glare for this receptor:

- 54 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 14

No glare found

PV array 7: OP 15

No glare found

PV array 7: OP 16

No glare found

PV array 7: OP 17

No glare found

PV array 7: OP 18

No glare found

PV array 7: OP 19

No glare found

PV array 7: OP 20

No glare found

PV array 7: OP 21

No glare found

PV array 7: OP 22

No glare found

PV array 7: OP 23

No glare found

PV array 7: OP 24

No glare found

PV array 7: OP 25

No glare found

PV array 7: OP 26

No glare found

PV array 7: OP 27

No glare found

PV array 7: OP 28

No glare found

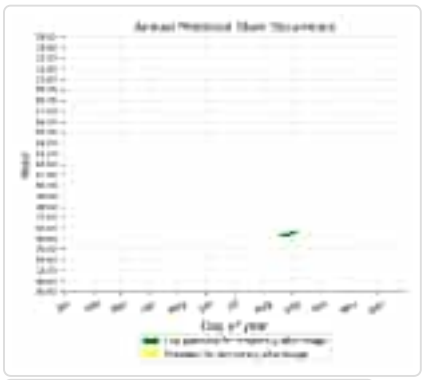
PV array 7: OP 29

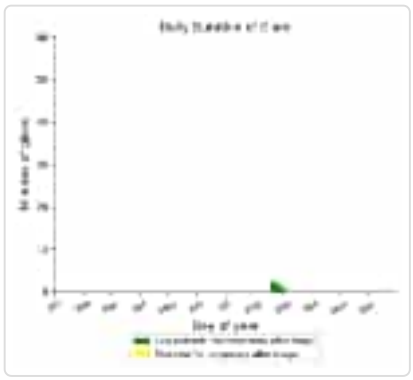
No glare found

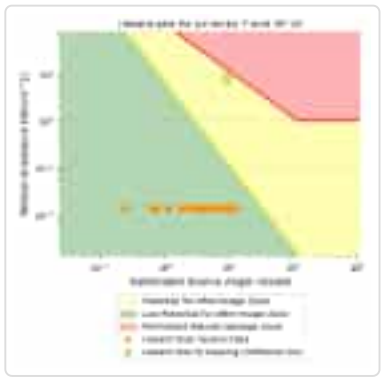
PV array 7: OP 30

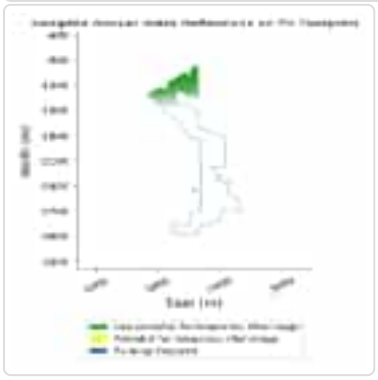
PV array is expected to produce the following glare for this receptor:

- 27 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





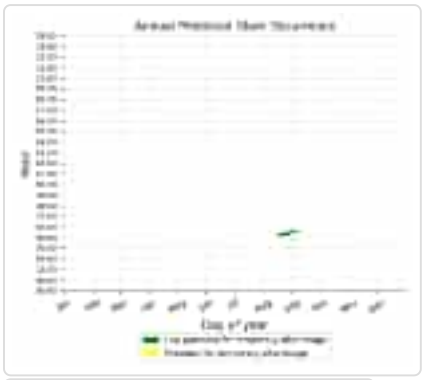


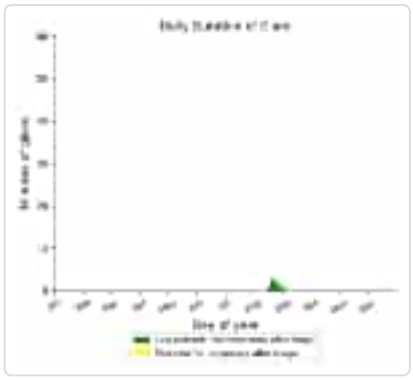


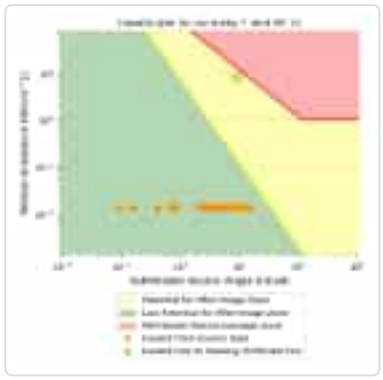
PV array 7: OP 31

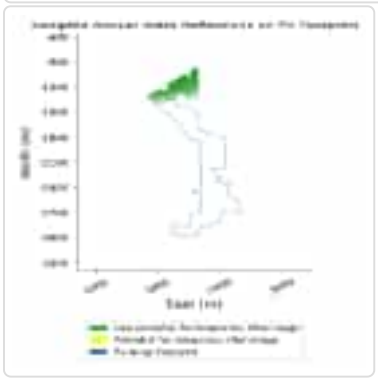
PV array is expected to produce the following glare for this receptor:

- 28 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





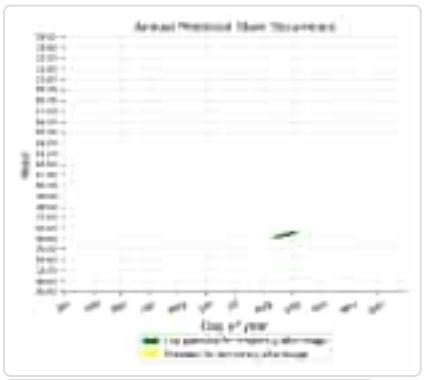


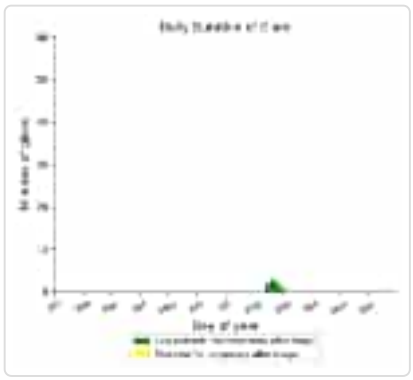


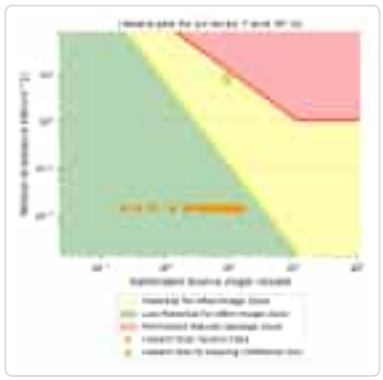
PV array 7: OP 32

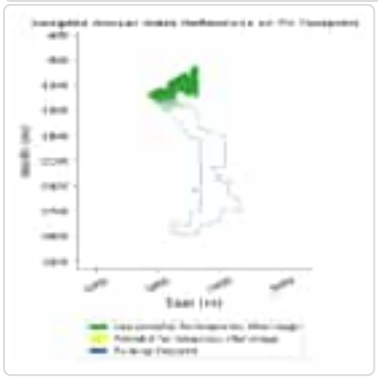
PV array is expected to produce the following glare for this receptor:

- 39 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





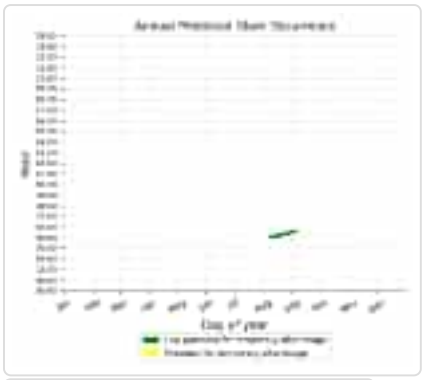


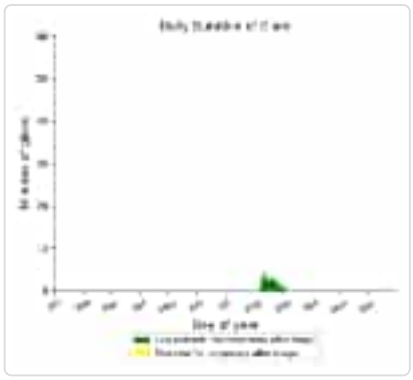


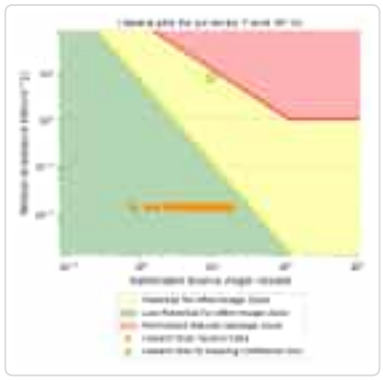
PV array 7: OP 33

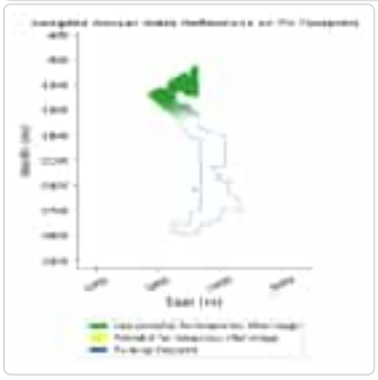
PV array is expected to produce the following glare for this receptor:

- 64 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





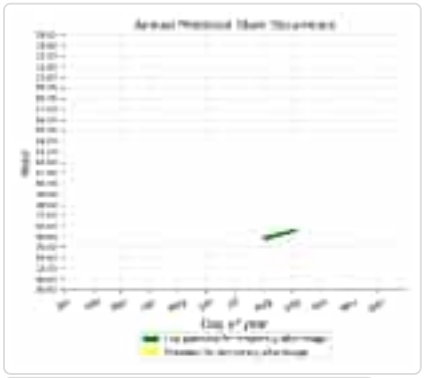


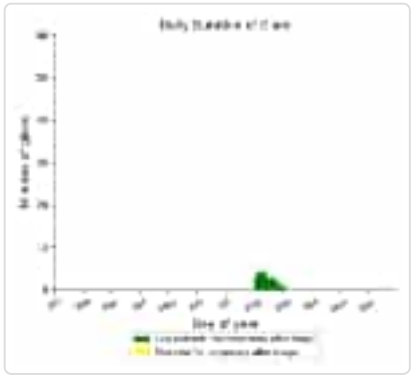


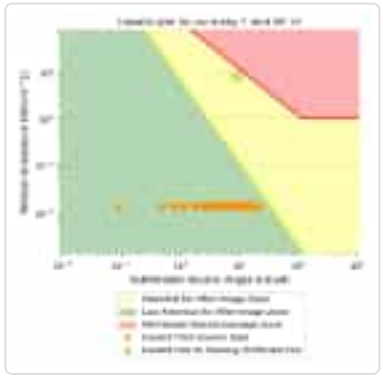
PV array 7: OP 34

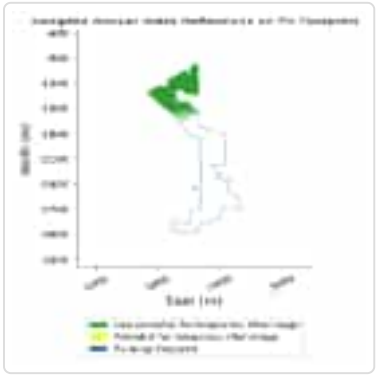
PV array is expected to produce the following glare for this receptor:

- 98 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





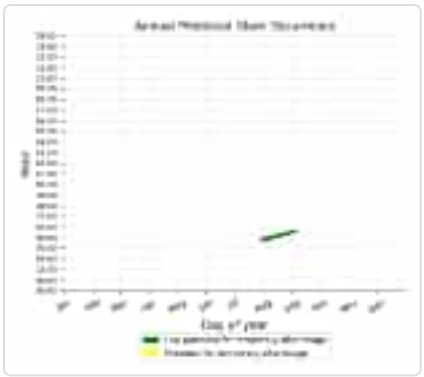


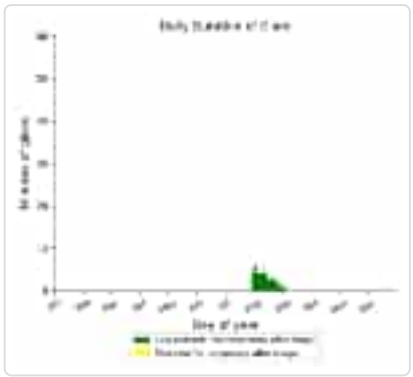


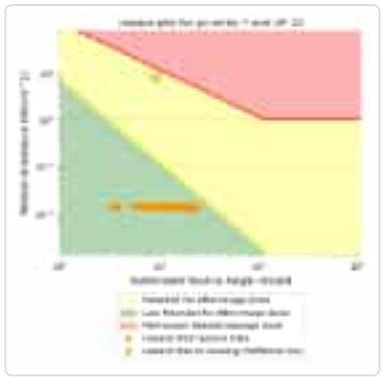
PV array 7: OP 35

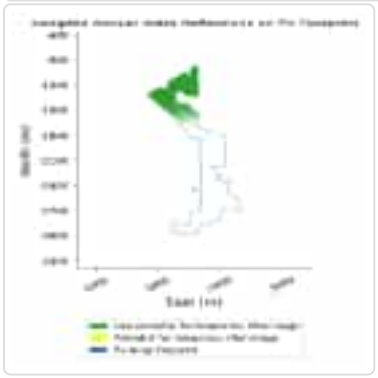
PV array is expected to produce the following glare for this receptor:

- 114 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





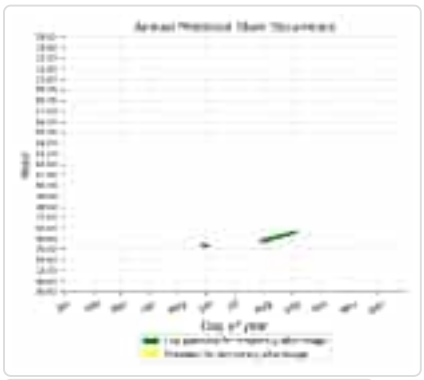


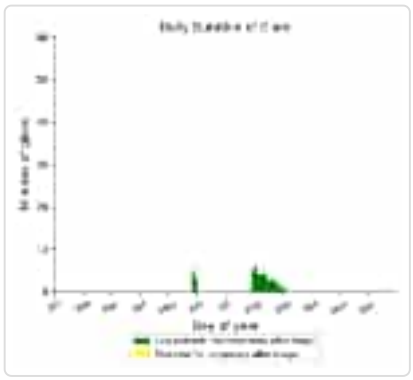


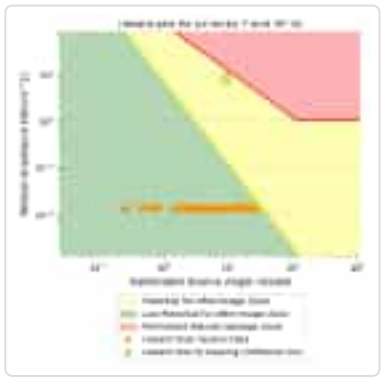
PV array 7: OP 36

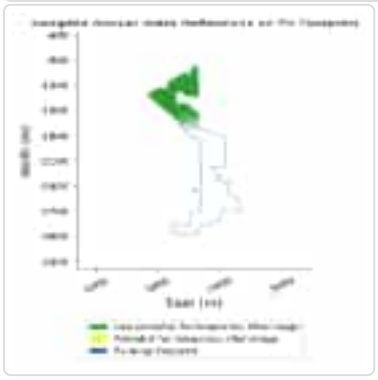
PV array is expected to produce the following glare for this receptor:

- 142 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





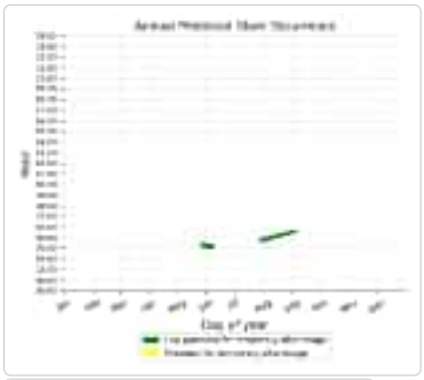


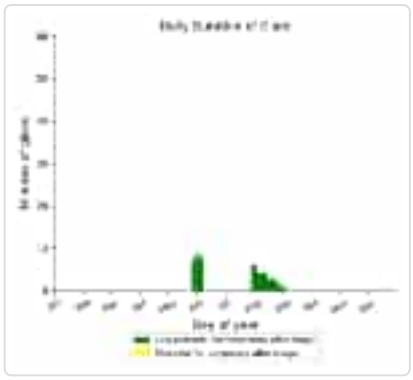


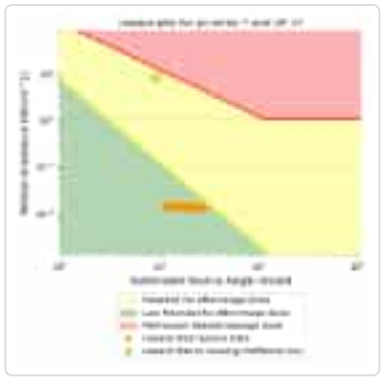
PV array 7: OP 37

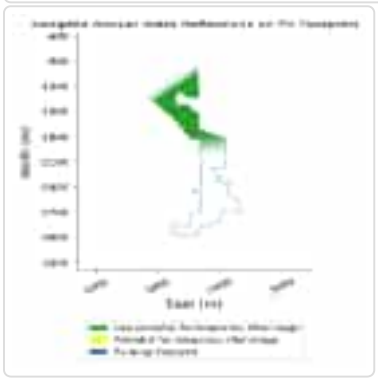
PV array is expected to produce the following glare for this receptor:

- 220 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





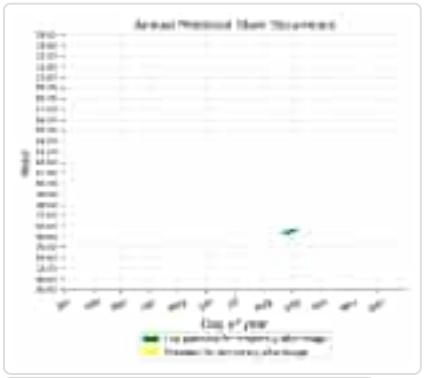


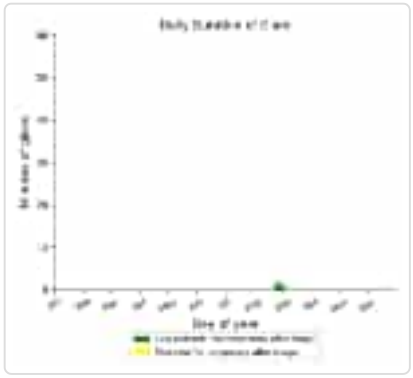


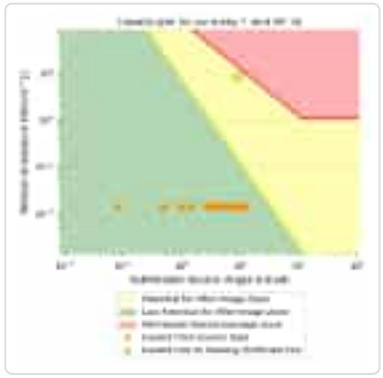
PV array 7: OP 38

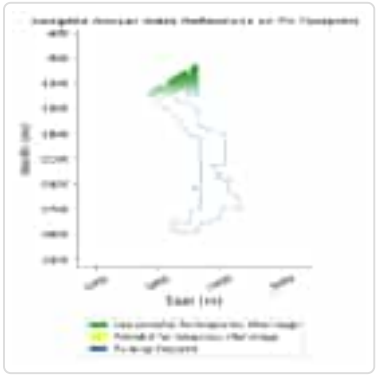
PV array is expected to produce the following glare for this receptor:

- 17 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 39

No glare found

PV array 7: OP 40

No glare found

PV array 7: OP 41

No glare found

PV array 7: OP 42

No glare found

PV array 7: OP 43

No glare found

PV array 7: OP 44

No glare found

PV array 7: OP 45

No glare found

PV array 7: OP 46

No glare found

PV array 7: OP 47

No glare found

PV array 7: OP 48

No glare found

PV array 7: OP 49

No glare found

PV array 7: OP 50

No glare found

PV array 7: OP 51

No glare found

PV array 7: OP 52

No glare found

PV array 7: OP 53

No glare found

PV array 7: OP 54

No glare found

PV array 7: OP 55

No glare found

PV array 7: OP 56

No glare found

PV array 7: OP 57

No glare found

PV array 7: OP 58

No glare found

PV array 7: OP 59

No glare found

PV array 7: OP 60

No glare found

PV array 7: OP 61

No glare found

PV array 7: OP 62

No glare found

PV array 7: OP 63

No glare found

PV array 7: OP 64

No glare found

PV array 7: OP 65

No glare found

PV array 7: OP 66

No glare found

PV array 7: OP 67

No glare found

PV array 7: OP 68

No glare found

PV array 7: OP 69

No glare found

PV array 7: OP 70

No glare found

PV array 7: OP 71

No glare found

PV array 7: OP 72

No glare found

PV array 7: OP 73

No glare found

PV array 7: OP 74

No glare found

PV array 7: OP 75

No glare found

PV array 7: OP 76

No glare found

PV array 7: OP 77

No glare found

PV array 7: OP 78

No glare found

PV array 7: OP 79

No glare found

PV array 7: OP 80

No glare found

PV array 8 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

PV array 9 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0
OP: OP 80	0	0

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Fosse Green Solar Farm

Fosse Green SF Road Group B Tracker

Created Jan 12, 2024
Updated Sep 03, 2024
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 109587.18719

Project type Advanced
Project status: active
Category 10 MW to 100 MW

Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
PV array 1	SA tracking	SA tracking	3,924	0	-
PV array 10	SA tracking	SA tracking	7,370	3,099	-
PV array 11	SA tracking	SA tracking	0	0	-
PV array 12	SA tracking	SA tracking	3,832	0	-
PV array 13	SA tracking	SA tracking	956	0	-
PV array 14	SA tracking	SA tracking	69,784	8,810	-
PV array 15	SA tracking	SA tracking	5,531	4	-
PV array 2	SA tracking	SA tracking	10,033	0	-
PV array 3	SA tracking	SA tracking	4,799	0	-
PV array 4	SA tracking	SA tracking	954	95	-
PV array 5	SA tracking	SA tracking	1,509	0	-
PV array 6	SA tracking	SA tracking	6,785	6,932	-
PV array 7	SA tracking	SA tracking	21,680	1,638	-
PV array 8	SA tracking	SA tracking	1,130	0	-
PV array 9	SA tracking	SA tracking	2,312	0	-

Component Data

PV Array(s)

Total PV footprint area: 5,181,661 m^2

Name: PV array 1
Footprint area: 534,233 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.173327	-0.683693	15.22	3.50	18.72
2	53.171796	-0.684143	15.03	3.50	18.53
3	53.171552	-0.683478	15.19	3.50	18.69
4	53.171127	-0.682985	15.98	3.50	19.48
5	53.169712	-0.681805	15.00	3.50	18.50
6	53.168092	-0.681418	16.50	3.50	20.00
7	53.167989	-0.682362	16.00	3.50	19.50
8	53.167616	-0.682427	15.86	3.50	19.36
9	53.166844	-0.682749	16.00	3.50	19.50
10	53.166574	-0.682985	16.00	3.50	19.50
11	53.166123	-0.682920	16.00	3.50	19.50
12	53.166394	-0.680345	17.00	3.50	20.50
13	53.166741	-0.680410	16.40	3.50	19.90
14	53.166831	-0.679530	17.48	3.50	20.98
15	53.167320	-0.679659	17.17	3.50	20.67
16	53.167564	-0.677277	20.64	3.50	24.14
17	53.166522	-0.676741	20.78	3.50	24.28
18	53.164593	-0.675024	20.02	3.50	23.52
19	53.163010	-0.673672	18.14	3.50	21.64
20	53.162869	-0.672857	19.04	3.50	22.54
21	53.163088	-0.672084	19.80	3.50	23.30
22	53.163679	-0.671333	23.18	3.50	26.68
23	53.165403	-0.672857	27.63	3.50	31.13
24	53.165648	-0.671870	30.61	3.50	34.11
25	53.166458	-0.671269	32.00	3.50	35.50
26	53.166857	-0.671569	31.99	3.50	35.49
27	53.167847	-0.667406	24.66	3.50	28.16
28	53.169468	-0.666720	25.10	3.50	28.60
29	53.169031	-0.668608	27.89	3.50	31.39
30	53.169198	-0.670067	30.98	3.50	34.48
31	53.169982	-0.673629	26.94	3.50	30.44
32	53.170246	-0.673758	26.58	3.50	30.08
33	53.171294	-0.673125	28.40	3.50	31.90
34	53.171745	-0.672299	30.82	3.50	34.32
35	53.172105	-0.674048	26.50	3.50	30.00
36	53.171674	-0.675957	22.65	3.50	26.15
37	53.171507	-0.677599	22.08	3.50	25.58
38	53.171629	-0.678414	22.99	3.50	26.49
39	53.171918	-0.678833	24.21	3.50	27.71
40	53.171809	-0.679283	22.62	3.50	26.12
41	53.171449	-0.679391	20.48	3.50	23.98
42	53.170838	-0.677985	18.51	3.50	22.01
43	53.170593	-0.678028	17.96	3.50	21.46
44	53.170606	-0.678200	17.83	3.50	21.33
45	53.171372	-0.679906	19.18	3.50	22.68
46	53.171249	-0.681719	17.42	3.50	20.92
47	53.171378	-0.681955	17.27	3.50	20.77
48	53.171333	-0.682395	16.56	3.50	20.06
49	53.171597	-0.682502	16.79	3.50	20.29
50	53.173384	-0.681622	18.75	3.50	22.25

Name: PV array 10
Footprint area: 185,320 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.150798	-0.633966	8.64	3.50	12.14
2	53.150219	-0.635436	8.34	3.50	11.84
3	53.150026	-0.636744	8.28	3.50	11.78
4	53.148983	-0.636744	9.89	3.50	13.39
5	53.148803	-0.636862	10.13	3.50	13.63
6	53.148829	-0.637045	9.76	3.50	13.26
7	53.147420	-0.637957	10.19	3.50	13.69
8	53.146461	-0.637796	10.65	3.50	14.15
9	53.146126	-0.637302	11.44	3.50	14.94
10	53.145875	-0.635146	9.74	3.50	13.24
11	53.145566	-0.635264	9.14	3.50	12.64
12	53.145451	-0.635843	9.42	3.50	12.92
13	53.145142	-0.635951	9.94	3.50	13.44
14	53.144987	-0.634910	11.54	3.50	15.04
15	53.144637	-0.634278	12.00	3.50	15.50
16	53.143968	-0.633344	12.41	3.50	15.91
17	53.144200	-0.633280	11.84	3.50	15.34
18	53.144953	-0.632754	9.97	3.50	13.47
19	53.145828	-0.631949	10.31	3.50	13.81
20	53.146497	-0.631509	11.15	3.50	14.65
21	53.147668	-0.633848	12.51	3.50	16.01
22	53.148395	-0.633344	12.81	3.50	16.31
23	53.148254	-0.632947	13.08	3.50	16.58
24	53.148910	-0.632035	13.05	3.50	16.55
25	53.149148	-0.632604	13.03	3.50	16.53
26	53.149631	-0.631853	12.49	3.50	15.99

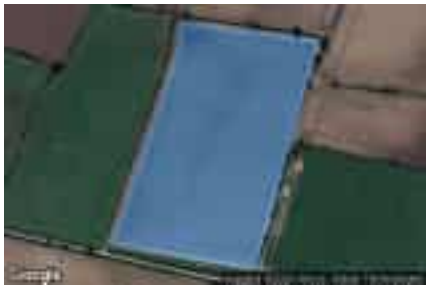
Name: PV array 11
Footprint area: 717,731 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.148506	-0.631749	13.14	3.50	16.64
2	53.147850	-0.632704	12.97	3.50	16.47
3	53.147683	-0.632715	12.37	3.50	15.87
4	53.146640	-0.630945	11.20	3.50	14.70
5	53.146396	-0.630848	12.22	3.50	15.72
6	53.145637	-0.631266	12.28	3.50	15.78
7	53.144343	-0.632565	11.04	3.50	14.54
8	53.142046	-0.627951	13.11	3.50	16.61
9	53.141524	-0.626084	12.34	3.50	15.84
10	53.138596	-0.627329	13.83	3.50	17.33
11	53.138454	-0.627232	13.48	3.50	16.98
12	53.137051	-0.628370	12.96	3.50	16.46
13	53.137154	-0.629056	13.21	3.50	16.71
14	53.135919	-0.628649	14.19	3.50	17.69
15	53.135771	-0.627640	12.78	3.50	16.28
16	53.134593	-0.628456	13.03	3.50	16.53
17	53.134464	-0.624700	12.77	3.50	16.27
18	53.134618	-0.624700	12.76	3.50	16.26
19	53.134631	-0.624990	12.76	3.50	16.26
20	53.135655	-0.624947	12.58	3.50	16.08
21	53.135758	-0.626331	11.86	3.50	15.36
22	53.136112	-0.626567	11.92	3.50	15.42
23	53.136549	-0.625162	10.74	3.50	14.24
24	53.136717	-0.625055	10.13	3.50	13.63
25	53.136652	-0.624636	10.38	3.50	13.88
26	53.137450	-0.624089	10.03	3.50	13.53
27	53.135830	-0.616790	7.11	3.50	10.61
28	53.136200	-0.615960	6.99	3.50	10.49
29	53.137240	-0.614930	7.15	3.50	10.65
30	53.137620	-0.615710	7.24	3.50	10.74
31	53.137860	-0.615550	7.38	3.50	10.88
32	53.137990	-0.614790	7.14	3.50	10.64
33	53.139105	-0.617426	7.93	3.50	11.43
34	53.139800	-0.619754	11.05	3.50	14.55
35	53.141717	-0.618682	9.38	3.50	12.88
36	53.142129	-0.620227	11.21	3.50	14.71
37	53.142007	-0.620323	10.80	3.50	14.30
38	53.142541	-0.622211	11.19	3.50	14.69
39	53.144034	-0.620784	11.76	3.50	15.26
40	53.144607	-0.623563	11.92	3.50	15.42
41	53.145591	-0.624582	12.63	3.50	16.13
42	53.145044	-0.625248	12.90	3.50	16.40
43	53.145077	-0.625666	12.28	3.50	15.78
44	53.146634	-0.628348	11.72	3.50	15.22
45	53.146808	-0.628220	12.16	3.50	15.66
46	53.148268	-0.630762	12.11	3.50	15.61
47	53.148101	-0.631030	11.92	3.50	15.42

Name: PV array 12
Footprint area: 73,115 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.136228	-0.613414	8.07	3.50	11.57
2	53.135854	-0.613478	8.46	3.50	11.96
3	53.133222	-0.614980	9.82	3.50	13.32
4	53.132887	-0.611772	10.64	3.50	14.14
5	53.135977	-0.610335	9.13	3.50	12.63

Name: PV array 13
Footprint area: 737,153 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.135585	-0.658160	11.48	3.50	14.98
2	53.136461	-0.665906	14.75	3.50	18.25
3	53.130642	-0.667945	14.56	3.50	18.06
4	53.130333	-0.666357	13.81	3.50	17.31
5	53.128440	-0.666872	14.86	3.50	18.36
6	53.128582	-0.668717	14.77	3.50	18.27
7	53.128273	-0.668782	14.57	3.50	18.07
8	53.128131	-0.667301	14.49	3.50	17.99
9	53.125730	-0.667666	13.07	3.50	16.57
10	53.125710	-0.667945	12.94	3.50	16.44
11	53.124455	-0.667505	13.19	3.50	16.69
12	53.124558	-0.666711	12.70	3.50	16.20
13	53.123380	-0.665788	11.31	3.50	14.81
14	53.123457	-0.665370	11.00	3.50	14.50
15	53.123122	-0.665220	12.04	3.50	15.54
16	53.123476	-0.663514	13.15	3.50	16.65
17	53.124365	-0.661776	13.29	3.50	16.79
18	53.124571	-0.660832	13.96	3.50	17.46
19	53.125067	-0.660220	13.10	3.50	16.60
20	53.126410	-0.656650	11.66	3.50	15.16
21	53.126650	-0.656260	11.38	3.50	14.88
22	53.126960	-0.656270	11.65	3.50	15.15
23	53.127180	-0.656070	12.25	3.50	15.75
24	53.127600	-0.659050	12.08	3.50	15.58
25	53.128790	-0.658920	13.52	3.50	17.02
26	53.129280	-0.661440	14.94	3.50	18.44
27	53.131090	-0.659840	14.90	3.50	18.40
28	53.131520	-0.659500	14.40	3.50	17.90
29	53.132320	-0.658860	12.70	3.50	16.20
30	53.133270	-0.657930	12.71	3.50	16.21
31	53.133345	-0.658664	11.01	3.50	14.51

Name: PV array 14
Footprint area: 209,673 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132660	-0.653180	10.42	3.50	13.92
2	53.132070	-0.653360	10.23	3.50	13.73
3	53.131511	-0.653075	11.28	3.50	14.78
4	53.130770	-0.652409	10.38	3.50	13.88
5	53.130352	-0.650049	9.94	3.50	13.44
6	53.130095	-0.649556	9.85	3.50	13.35
7	53.130275	-0.649255	10.71	3.50	14.21
8	53.132390	-0.648020	11.38	3.50	14.88
9	53.133030	-0.650850	12.19	3.50	15.69
9	53.133030	-0.650850	12.19	3.50	15.69
9	53.133030	-0.650850	12.19	3.50	15.69
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38

Name: PV array 15
Footprint area: 78,226 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132772	-0.647378	9.94	3.50	13.44
2	53.130056	-0.648847	10.80	3.50	14.30
3	53.129882	-0.649255	9.89	3.50	13.39
4	53.129303	-0.648847	10.80	3.50	14.30
5	53.128942	-0.648858	10.87	3.50	14.37
6	53.128884	-0.648418	11.51	3.50	15.01
7	53.128311	-0.648386	11.43	3.50	14.93
8	53.128105	-0.646884	11.40	3.50	14.90
9	53.130622	-0.645758	10.83	3.50	14.33
10	53.130700	-0.646122	11.65	3.50	15.15
11	53.131298	-0.645768	10.18	3.50	13.68
12	53.132410	-0.645330	9.00	3.50	12.50

Name: PV array 2
Footprint area: 606,601 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.179699	-0.666763	17.74	3.50	21.24
2	53.179108	-0.670067	20.15	3.50	23.65
3	53.176523	-0.668029	19.69	3.50	23.19
4	53.174220	-0.666891	26.06	3.50	29.56
5	53.174465	-0.660669	17.80	3.50	21.30
6	53.172497	-0.660755	16.16	3.50	19.66
7	53.172510	-0.661355	17.14	3.50	20.64
8	53.172960	-0.661484	17.29	3.50	20.79
9	53.173230	-0.666677	24.28	3.50	27.78
10	53.172175	-0.666226	20.97	3.50	24.47
11	53.171823	-0.664919	19.69	3.50	23.19
12	53.171714	-0.664865	19.72	3.50	23.22
13	53.170968	-0.662526	18.08	3.50	21.58
14	53.170357	-0.661797	17.29	3.50	20.79
15	53.174293	-0.653523	13.69	3.50	17.19
16	53.178283	-0.655459	15.69	3.50	19.19
17	53.179363	-0.655588	13.41	3.50	16.91
18	53.178051	-0.662519	19.70	3.50	23.20
19	53.177884	-0.665737	19.63	3.50	23.13

Name: PV array 3
Footprint area: 679,847 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.162240	-0.675330	17.88	3.50	21.38
2	53.159340	-0.671810	16.96	3.50	20.46
3	53.159790	-0.670480	16.50	3.50	20.00
4	53.160860	-0.668250	17.83	3.50	21.33
5	53.160420	-0.666810	17.26	3.50	20.76
6	53.159450	-0.669110	15.52	3.50	19.02
7	53.159860	-0.669750	15.96	3.50	19.46
8	53.159140	-0.671710	16.90	3.50	20.40
9	53.158240	-0.670650	16.68	3.50	20.18
10	53.158390	-0.670070	16.02	3.50	19.52
11	53.157840	-0.668790	15.77	3.50	19.27
12	53.159770	-0.664130	19.42	3.50	22.92
13	53.159920	-0.664410	18.34	3.50	21.84
14	53.160980	-0.661830	24.57	3.50	28.07
15	53.161160	-0.662010	24.26	3.50	27.76
16	53.161290	-0.661640	25.76	3.50	29.26
17	53.161160	-0.661450	26.00	3.50	29.50
18	53.162190	-0.659350	26.37	3.50	29.87
19	53.162080	-0.658850	26.32	3.50	29.82
20	53.162650	-0.657690	27.46	3.50	30.96
21	53.165690	-0.658340	22.77	3.50	26.27
22	53.165920	-0.658980	21.27	3.50	24.77
23	53.166210	-0.659430	20.99	3.50	24.49
24	53.165960	-0.661020	21.23	3.50	24.73
25	53.167980	-0.662370	18.26	3.50	21.76
26	53.167650	-0.663320	18.23	3.50	21.73
27	53.167500	-0.667240	23.91	3.50	27.41
28	53.164620	-0.668620	26.56	3.50	30.06
29	53.164820	-0.669520	27.49	3.50	30.99
30	53.163160	-0.671190	20.73	3.50	24.23
31	53.162730	-0.672050	18.84	3.50	22.34
32	53.162570	-0.673160	18.39	3.50	21.89
33	53.162750	-0.673700	17.85	3.50	21.35
34	53.162650	-0.674340	17.02	3.50	20.52

Name: PV array 4
Footprint area: 539,381 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.172585	-0.642585	14.81	3.50	18.31
2	53.173512	-0.648335	13.73	3.50	17.23
3	53.168740	-0.657433	17.19	3.50	20.69
4	53.168530	-0.657412	16.94	3.50	20.44
5	53.168310	-0.657830	18.09	3.50	21.59
6	53.168300	-0.658730	18.04	3.50	21.54
6	53.168300	-0.658730	18.04	3.50	21.54
6	53.168300	-0.658730	18.04	3.50	21.54
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
8	53.165850	-0.657640	21.97	3.50	25.47
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
10	53.162740	-0.657270	27.18	3.50	30.68
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
12	53.166200	-0.654060	18.29	3.50	21.79
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
14	53.167520	-0.655510	17.58	3.50	21.08
15	53.167980	-0.655110	18.44	3.50	21.94
16	53.169113	-0.651554	16.06	3.50	19.56
17	53.169113	-0.651060	15.41	3.50	18.91
18	53.168032	-0.650867	15.63	3.50	19.13
19	53.167955	-0.651597	16.07	3.50	19.57
20	53.167337	-0.651232	15.83	3.50	19.33
21	53.166077	-0.651103	19.26	3.50	22.76
22	53.166115	-0.650481	18.68	3.50	22.18
23	53.165961	-0.650181	19.78	3.50	23.28
24	53.168251	-0.644537	17.16	3.50	20.66
25	53.168920	-0.644687	16.30	3.50	19.80
26	53.170129	-0.644408	16.57	3.50	20.07
27	53.171132	-0.643754	15.25	3.50	18.75
28	53.171151	-0.643400	15.23	3.50	18.73
29	53.172000	-0.642681	14.97	3.50	18.47

Name: PV array 5
Footprint area: 85,119 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.175987	-0.638261	17.17	3.50	20.67
2	53.175962	-0.637317	17.32	3.50	20.82
3	53.175704	-0.636180	15.99	3.50	19.49
4	53.172039	-0.635257	10.34	3.50	13.84
5	53.170855	-0.638197	11.33	3.50	14.83
6	53.174251	-0.638304	12.30	3.50	15.80

Name: PV array 6
Footprint area: 178,317 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.167678	-0.644140	17.52	3.50	21.02
2	53.165556	-0.649011	19.39	3.50	22.89
3	53.164810	-0.644784	20.41	3.50	23.91
4	53.165350	-0.641716	16.27	3.50	19.77
5	53.163562	-0.640986	20.48	3.50	23.98
6	53.161902	-0.640643	22.38	3.50	25.88
7	53.159226	-0.640385	15.78	3.50	19.28
8	53.159329	-0.638197	13.14	3.50	16.64
9	53.162726	-0.638883	20.72	3.50	24.22
10	53.164115	-0.639205	17.21	3.50	20.71
11	53.165183	-0.639763	14.44	3.50	17.94
12	53.165800	-0.640707	14.81	3.50	18.31
13	53.166366	-0.642209	16.10	3.50	19.60
14	53.166971	-0.643282	16.63	3.50	20.13

Name: PV array 7
Footprint area: 492,032 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.164655	-0.651071	23.57	3.50	27.07
2	53.164218	-0.652101	24.34	3.50	27.84
3	53.163588	-0.652015	24.43	3.50	27.93
4	53.163575	-0.652466	24.10	3.50	27.60
5	53.163883	-0.652809	24.86	3.50	28.36
6	53.162790	-0.655406	26.04	3.50	29.54
7	53.162404	-0.655148	26.50	3.50	30.00
8	53.162082	-0.655835	27.39	3.50	30.89
9	53.162263	-0.656543	27.11	3.50	30.61
10	53.161516	-0.658324	26.25	3.50	29.75
11	53.158776	-0.654054	22.55	3.50	26.05
12	53.156879	-0.652104	18.45	3.50	21.95
13	53.156840	-0.650806	17.85	3.50	21.35
14	53.156634	-0.650474	16.75	3.50	20.25
15	53.155412	-0.650935	12.99	3.50	16.49
16	53.155245	-0.650441	12.47	3.50	15.97
17	53.154428	-0.650484	11.62	3.50	15.12
18	53.152317	-0.650581	10.82	3.50	14.32
19	53.151545	-0.650656	11.68	3.50	15.18
20	53.151481	-0.651761	11.49	3.50	14.99
21	53.151159	-0.651729	12.56	3.50	16.06
22	53.151178	-0.650924	12.32	3.50	15.82
23	53.150863	-0.650624	12.97	3.50	16.47
24	53.149042	-0.650581	13.39	3.50	16.89
25	53.149113	-0.652083	14.82	3.50	18.32
26	53.147459	-0.652115	10.92	3.50	14.42
27	53.147762	-0.654604	14.65	3.50	18.15
28	53.146730	-0.654770	11.29	3.50	14.79
29	53.146710	-0.654450	10.79	3.50	14.29
30	53.146660	-0.653930	9.99	3.50	13.49
31	53.146560	-0.653210	9.32	3.50	12.82
32	53.146500	-0.652650	9.65	3.50	13.15
33	53.146620	-0.652540	9.69	3.50	13.19
34	53.146670	-0.652330	9.64	3.50	13.14
35	53.146500	-0.650990	8.94	3.50	12.44
36	53.146830	-0.651060	9.07	3.50	12.57
37	53.147220	-0.650840	9.43	-3.50	5.93
38	53.147530	-0.650195	9.95	3.50	13.45
39	53.148058	-0.647824	10.34	3.50	13.84
40	53.149293	-0.647502	11.75	3.50	15.25
41	53.149364	-0.647008	11.40	3.50	14.90
42	53.149004	-0.645163	9.84	3.50	13.34
43	53.149068	-0.644702	10.07	3.50	13.57
44	53.149589	-0.644659	10.09	3.50	13.59
45	53.150246	-0.645152	10.47	3.50	13.97
46	53.150709	-0.646118	10.77	3.50	14.27
47	53.150861	-0.646854	11.55	3.50	15.05
48	53.152186	-0.646683	10.55	3.50	14.05
49	53.152302	-0.648378	10.85	3.50	14.35
50	53.152559	-0.648356	11.03	3.50	14.53
51	53.152650	-0.647820	11.33	3.50	14.83
52	53.152843	-0.647562	10.51	3.50	14.01
53	53.152984	-0.648185	10.54	3.50	14.04
54	53.153396	-0.648850	10.72	3.50	14.22
55	53.153821	-0.649000	11.70	3.50	15.20
56	53.153821	-0.647176	11.57	3.50	15.07
57	53.157030	-0.647114	18.62	3.50	22.12
58	53.157911	-0.650923	21.21	3.50	24.71
59	53.159526	-0.650773	24.30	3.50	27.80
60	53.159841	-0.651545	25.93	3.50	29.43
61	53.160478	-0.652318	28.32	3.50	31.82
62	53.160542	-0.654142	27.00	3.50	30.50
63	53.161668	-0.654152	28.25	3.50	31.75
64	53.162003	-0.653691	27.32	3.50	30.82

65	53.161359	-0.652489	27.84	3.50	31.34
66	53.161314	-0.650848	28.23	3.50	31.73

Name: PV array 8
Footprint area: 15,661 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.149067	-0.644094	9.24	3.50	12.74
2	53.149505	-0.644029	9.82	3.50	13.32
3	53.149878	-0.644094	9.57	3.50	13.07
4	53.150888	-0.643353	9.27	3.50	12.77
5	53.150521	-0.642002	8.25	3.50	11.75
6	53.149871	-0.642806	8.50	3.50	12.00
7	53.149472	-0.642796	8.80	3.50	12.30
8	53.149215	-0.643192	8.74	3.50	12.24
9	53.149022	-0.644072	9.17	3.50	12.67

Name: PV array 9
Footprint area: 49,251 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.144976	-0.656696	12.95	3.50	16.45
2	53.143230	-0.656440	10.07	3.50	13.57
3	53.143170	-0.652900	8.94	3.50	12.44
4	53.143890	-0.652530	9.13	3.50	12.63
5	53.144200	-0.652530	9.20	3.50	12.70
6	53.144680	-0.653130	9.45	3.50	12.95
7	53.144910	-0.653050	9.39	3.50	12.89

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	53.169751	-0.643992	20.36	1.50	21.86
OP 2	53.166580	-0.641706	15.57	1.50	17.07
OP 3	53.165384	-0.639625	15.01	1.50	16.51
OP 4	53.163628	-0.638735	18.74	1.50	20.24
OP 5	53.161859	-0.638338	21.12	1.50	22.62
OP 6	53.160180	-0.637951	15.56	1.50	17.06
OP 7	53.158482	-0.637758	12.91	1.50	14.41
OP 8	53.156577	-0.638069	13.14	1.50	14.64
OP 9	53.154860	-0.638820	10.92	1.50	12.42
OP 10	53.153496	-0.639958	8.94	1.50	10.44
OP 11	53.153554	-0.642618	8.83	1.50	10.33
OP 12	53.151791	-0.643301	9.43	1.50	10.93
OP 13	53.150408	-0.644278	9.92	1.50	11.42
OP 14	53.148394	-0.644567	10.39	1.50	11.89
OP 15	53.146676	-0.644664	9.89	1.50	11.39
OP 16	53.144784	-0.644804	12.66	1.50	14.16
OP 17	53.142931	-0.645404	11.58	1.50	13.08
OP 18	53.142680	-0.648087	9.39	1.50	10.89
OP 19	53.142879	-0.651058	9.71	1.50	11.21
OP 20	53.142956	-0.654052	9.46	1.50	10.96
OP 21	53.143021	-0.657002	9.49	1.50	10.99
OP 22	53.143046	-0.659985	11.20	1.50	12.70
OP 23	53.143008	-0.662764	13.88	1.50	15.38
OP 24	53.142885	-0.665907	15.03	1.50	16.53
OP 25	53.143304	-0.668171	14.36	1.50	15.86
OP 26	53.144919	-0.668632	16.01	1.50	17.51
OP 27	53.146952	-0.669169	15.58	1.50	17.08
OP 28	53.148574	-0.669271	16.64	1.50	18.14
OP 29	53.142486	-0.670848	17.33	1.50	18.83
OP 30	53.142052	-0.673900	17.12	1.50	18.62
OP 31	53.141666	-0.676727	17.77	1.50	19.27
OP 32	53.169989	-0.642336	16.40	1.50	17.90
OP 33	53.159228	-0.636757	12.56	1.50	14.06
OP 34	53.158096	-0.634139	11.40	1.50	12.90
OP 35	53.156854	-0.632144	9.91	1.50	11.41
OP 36	53.156353	-0.630459	9.39	1.50	10.89
OP 37	53.155413	-0.628710	10.99	1.50	12.49
OP 38	53.153818	-0.627444	9.20	1.50	10.70
OP 39	53.152177	-0.626071	13.25	1.50	14.75
OP 40	53.155857	-0.636263	10.83	1.50	12.33
OP 41	53.156115	-0.633238	10.59	1.50	12.09
OP 42	53.156867	-0.627637	8.80	1.50	10.30
OP 43	53.157639	-0.625127	8.39	1.50	9.89
OP 44	53.159241	-0.624966	8.86	1.50	10.36
OP 45	53.161163	-0.624950	8.80	1.50	10.30
OP 46	53.162826	-0.624792	14.22	1.50	15.72
OP 47	53.141414	-0.645863	10.65	1.50	12.15
OP 48	53.139483	-0.645939	11.30	1.50	12.80
OP 49	53.137784	-0.645037	9.99	1.50	11.49
OP 50	53.135930	-0.645670	9.54	1.50	11.04
OP 51	53.134398	-0.646561	10.40	1.50	11.90
OP 52	53.134019	-0.643482	9.28	1.50	10.78
OP 53	53.133813	-0.640681	12.43	1.50	13.93
OP 54	53.133639	-0.637377	14.00	1.50	15.50
OP 55	53.132350	-0.638140	14.49	1.50	15.99
OP 56	53.153516	-0.617412	11.88	1.50	13.38
OP 57	53.153561	-0.620266	12.01	1.50	13.51
OP 58	53.152828	-0.622315	12.74	1.50	14.24
OP 59	53.153014	-0.619590	12.15	1.50	13.65
OP 60	53.152493	-0.622616	12.28	1.50	13.78
OP 61	53.151844	-0.625105	12.95	1.50	14.45
OP 62	53.151155	-0.627873	12.61	1.50	14.11
OP 63	53.150106	-0.630158	14.38	1.50	15.88

OP 64	53.148607	-0.632089	13.51	1.50	15.01
OP 65	53.147166	-0.632325	12.09	1.50	13.59
OP 66	53.145840	-0.631617	12.50	1.50	14.00
OP 67	53.144193	-0.633001	11.99	1.50	13.49
OP 68	53.142616	-0.633130	12.20	1.50	13.70
OP 69	53.140808	-0.633291	11.00	1.50	12.50
OP 70	53.138928	-0.633312	13.22	1.50	14.72
OP 71	53.137477	-0.632491	13.97	1.50	15.47
OP 72	53.135873	-0.633133	14.25	1.50	15.75
OP 73	53.134167	-0.633839	13.99	1.50	15.49

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
PV array 1	SA tracking	SA tracking	3,924	0	-	-
PV array 10	SA tracking	SA tracking	7,370	3,099	-	-
PV array 11	SA tracking	SA tracking	0	0	-	-
PV array 12	SA tracking	SA tracking	3,832	0	-	-
PV array 13	SA tracking	SA tracking	956	0	-	-
PV array 14	SA tracking	SA tracking	69,784	8,810	-	-
PV array 15	SA tracking	SA tracking	5,531	4	-	-
PV array 2	SA tracking	SA tracking	10,033	0	-	-
PV array 3	SA tracking	SA tracking	4,799	0	-	-
PV array 4	SA tracking	SA tracking	954	95	-	-
PV array 5	SA tracking	SA tracking	1,509	0	-	-
PV array 6	SA tracking	SA tracking	6,785	6,932	-	-
PV array 7	SA tracking	SA tracking	21,680	1,638	-	-
PV array 8	SA tracking	SA tracking	1,130	0	-	-
PV array 9	SA tracking	SA tracking	2,312	0	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
pv-array-1 (green)	0	0	0	0	21	103	76	1	10	0	0	0
pv-array-1 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-10 (green)	725	296	281	80	0	0	0	39	207	443	546	670
pv-array-10 (yellow)	172	204	161	44	0	0	0	15	168	129	171	257
pv-array-12 (green)	75	1	0	0	0	0	0	0	69	116	34	178
pv-array-12 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-13 (green)	0	4	0	0	0	0	0	29	169	43	97	81
pv-array-13 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-14 (green)	2514	887	242	1	0	0	0	0	0	729	2058	2635
pv-array-14 (yellow)	1304	4	0	0	0	0	0	0	0	3	582	2457
pv-array-15 (green)	588	293	62	2	0	0	0	0	26	222	524	435
pv-array-15 (yellow)	4	0	0	0	0	0	0	0	0	0	0	0
pv-array-2 (green)	0	0	0	0	125	256	202	13	126	0	0	0
pv-array-2 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-3 (green)	0	0	0	0	36	114	76	1	0	0	0	0
pv-array-3 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-4 (green)	223	131	0	0	0	0	0	0	25	186	136	232
pv-array-4 (yellow)	35	11	0	0	0	0	0	0	0	5	22	22
pv-array-5 (green)	0	0	0	80	435	40	60	243	0	0	0	0
pv-array-5 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-6 (green)	1238	129	8	0	0	0	0	0	0	64	639	2538
pv-array-6 (yellow)	1367	5	0	0	0	0	0	0	0	41	839	1543
pv-array-7 (green)	0	0	163	447	705	1004	690	554	229	17	0	0
pv-array-7 (yellow)	0	0	0	37	51	34	2	19	5	0	0	0
pv-array-8 (green)	0	0	0	0	101	114	84	54	150	46	92	0
pv-array-8 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-9 (green)	0	0	0	0	147	97	164	0	136	55	60	0
pv-array-9 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

PV array 1 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	16	0
OP: OP 7	54	0
OP: OP 8	192	0
OP: OP 9	193	0
OP: OP 10	193	0
OP: OP 11	194	0
OP: OP 12	195	0
OP: OP 13	198	0
OP: OP 14	177	0
OP: OP 15	117	0

OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	22	0
OP: OP 34	21	0
OP: OP 35	34	0
OP: OP 36	31	0
OP: OP 37	39	0
OP: OP 38	80	0
OP: OP 39	167	0
OP: OP 40	191	0
OP: OP 41	81	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	45	0
OP: OP 59	16	0
OP: OP 60	59	0
OP: OP 61	165	0
OP: OP 62	188	0
OP: OP 63	194	0
OP: OP 64	195	0
OP: OP 65	195	0
OP: OP 66	197	0
OP: OP 67	188	0
OP: OP 68	166	0
OP: OP 69	105	0

OP: OP 70	16	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0

PV array 1: OP 1

No glare found

PV array 1: OP 2

No glare found

PV array 1: OP 3

No glare found

PV array 1: OP 4

No glare found

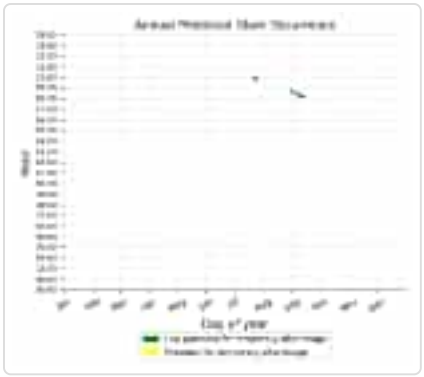
PV array 1: OP 5

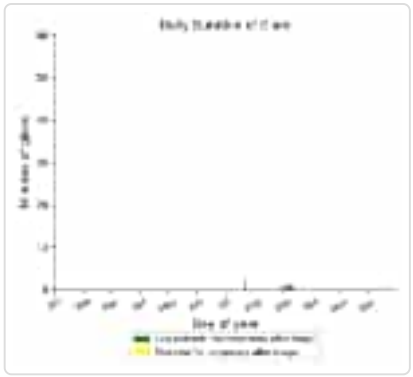
No glare found

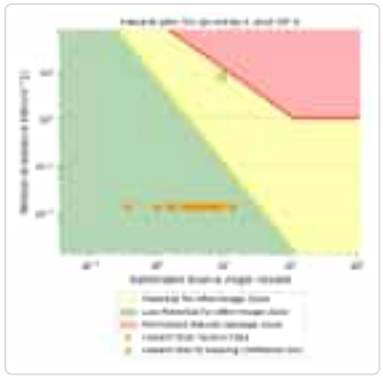
PV array 1: OP 6

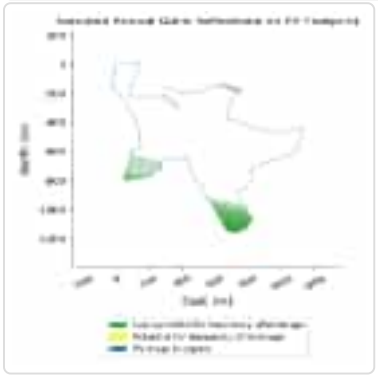
PV array is expected to produce the following glare for this receptor:

- 16 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





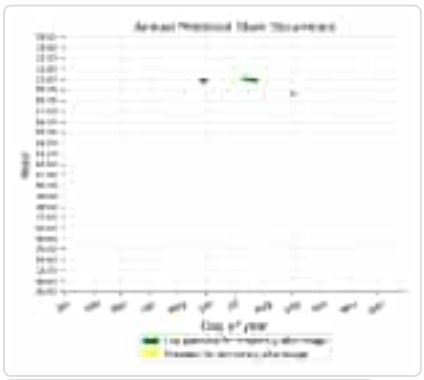


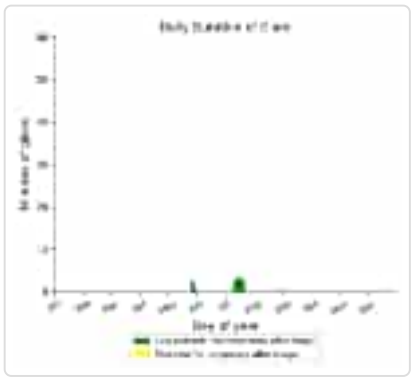


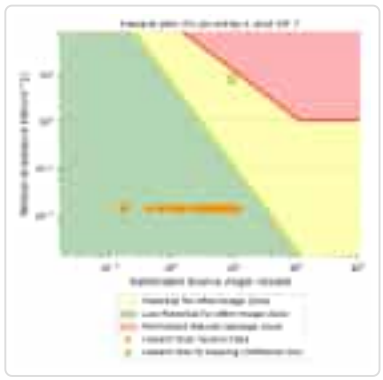
PV array 1: OP 7

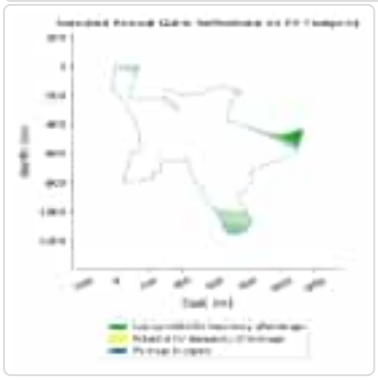
PV array is expected to produce the following glare for this receptor:

- 54 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





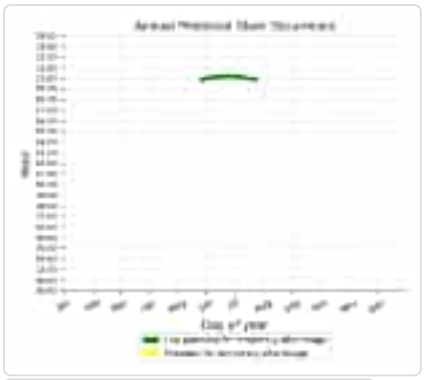


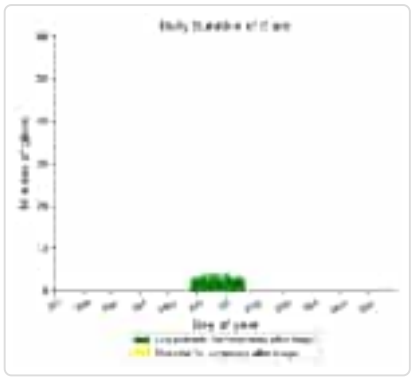


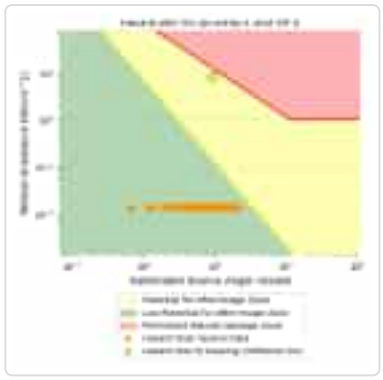
PV array 1: OP 8

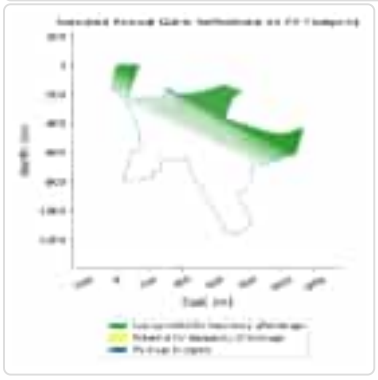
PV array is expected to produce the following glare for this receptor:

- 192 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





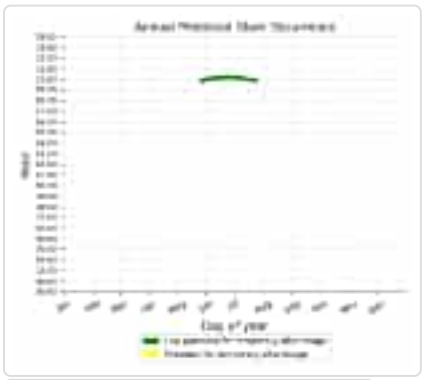


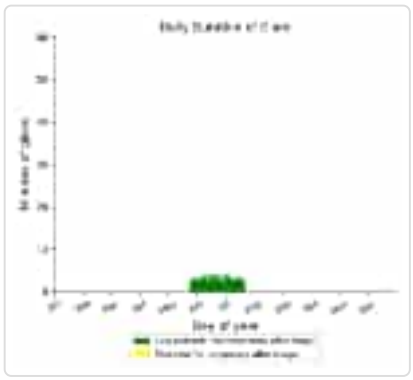


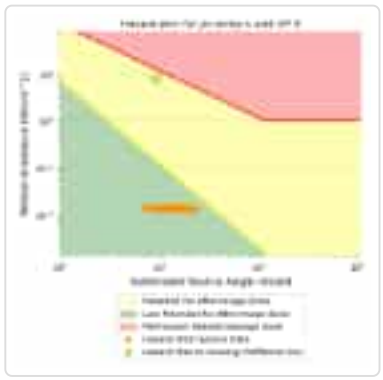
PV array 1: OP 9

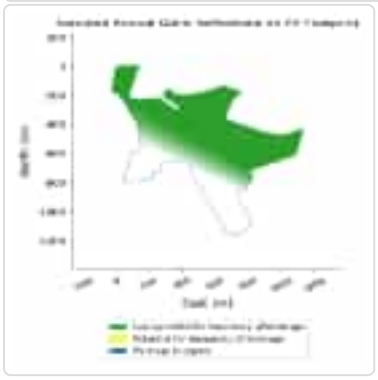
PV array is expected to produce the following glare for this receptor:

- 193 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





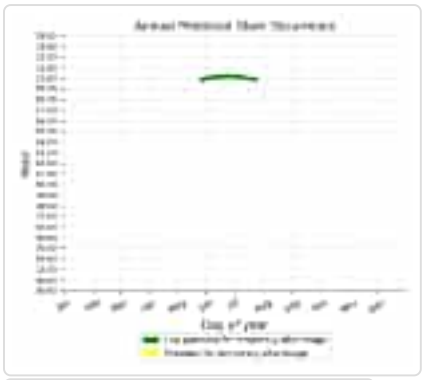


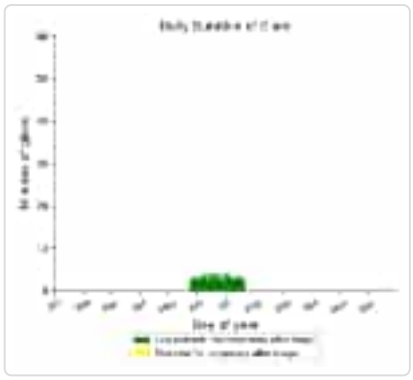


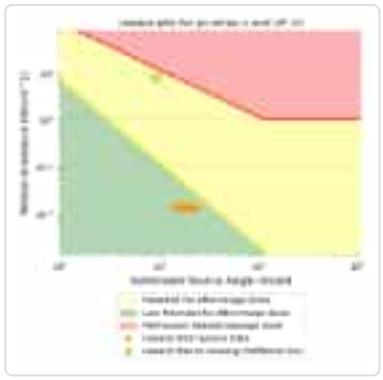
PV array 1: OP 10

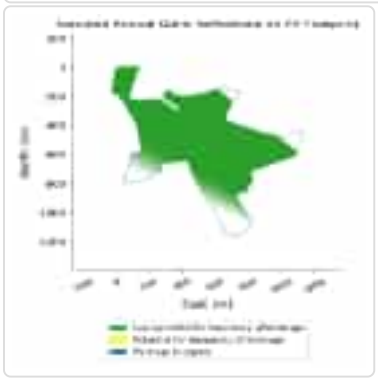
PV array is expected to produce the following glare for this receptor:

- 193 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





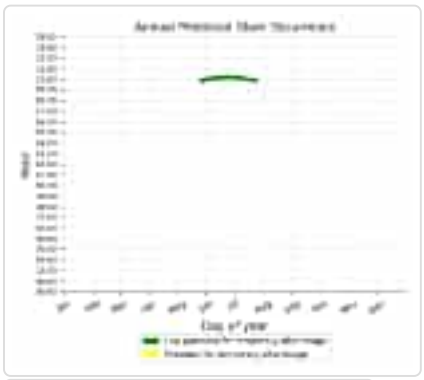


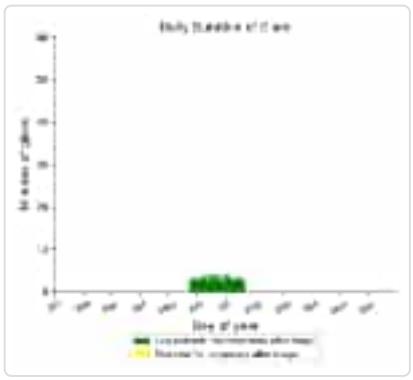


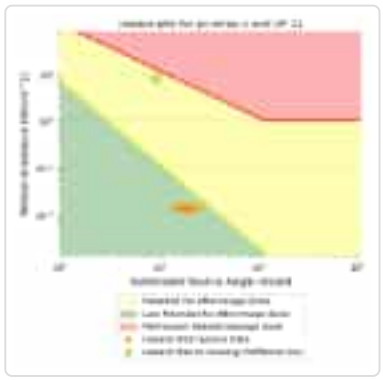
PV array 1: OP 11

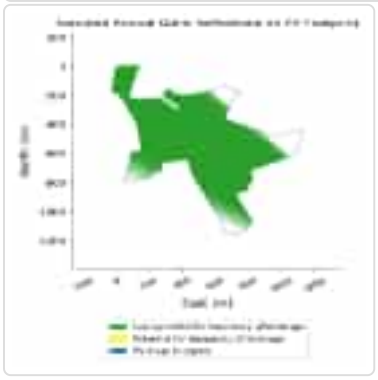
PV array is expected to produce the following glare for this receptor:

- 194 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





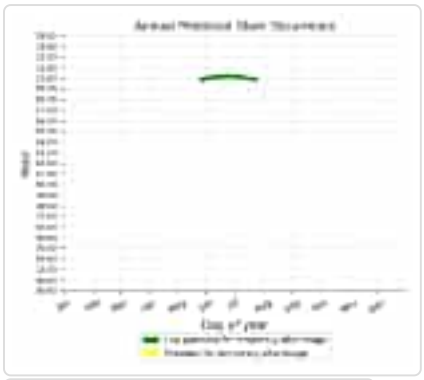


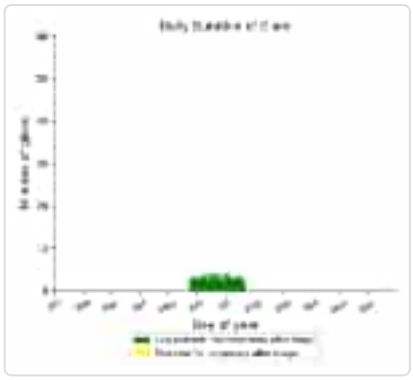


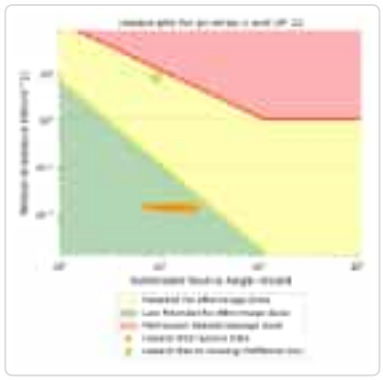
PV array 1: OP 12

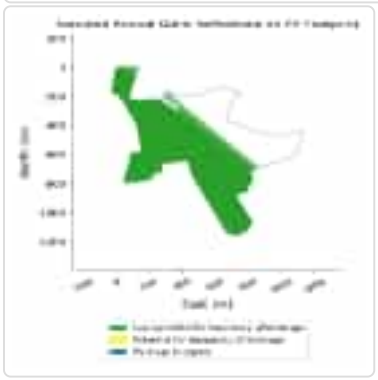
PV array is expected to produce the following glare for this receptor:

- 195 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





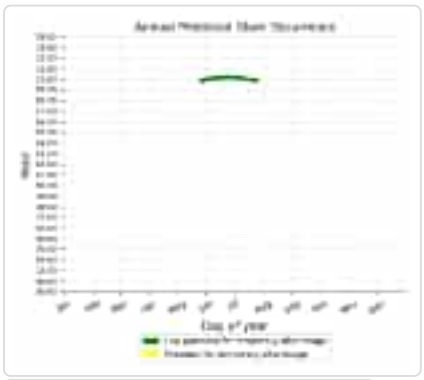


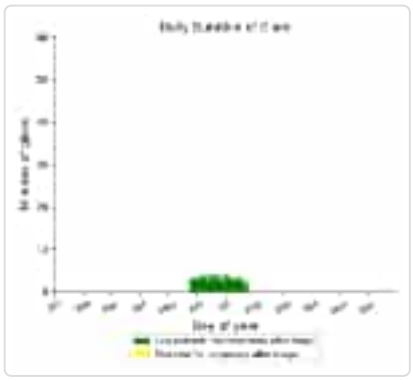


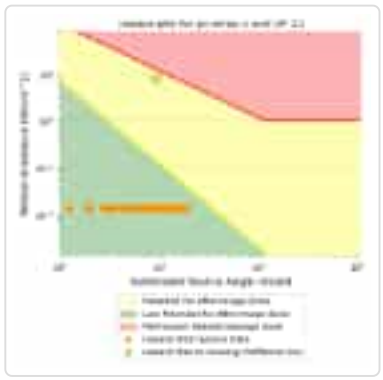
PV array 1: OP 13

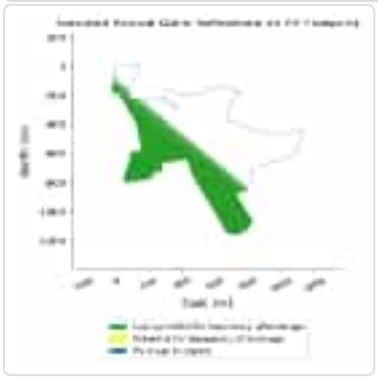
PV array is expected to produce the following glare for this receptor:

- 198 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





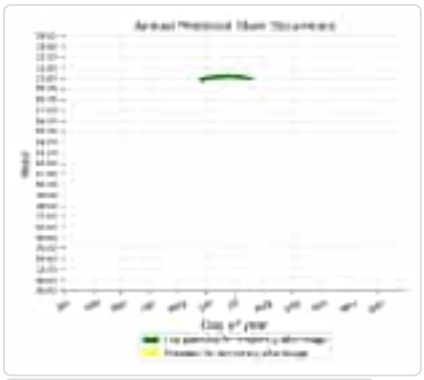


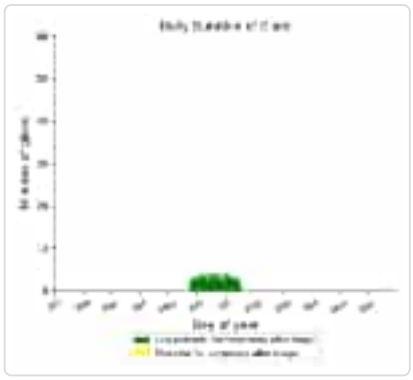


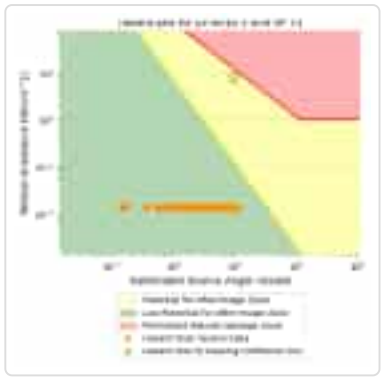
PV array 1: OP 14

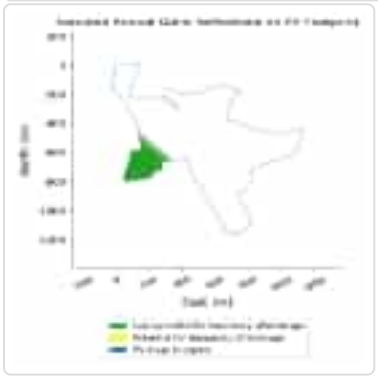
PV array is expected to produce the following glare for this receptor:

- 177 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





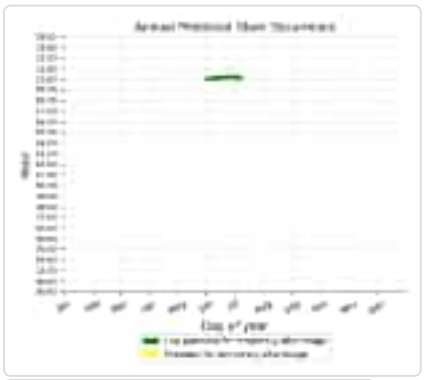


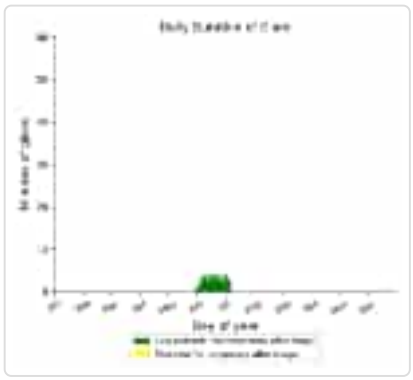


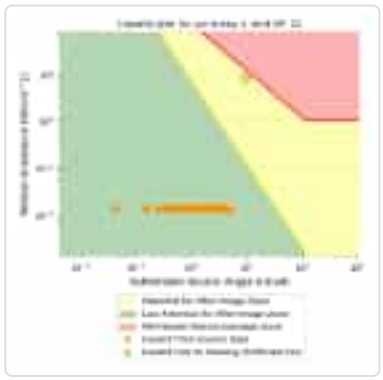
PV array 1: OP 15

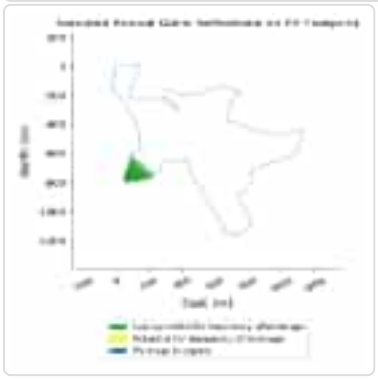
PV array is expected to produce the following glare for this receptor:

- 117 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 16

No glare found

PV array 1: OP 17

No glare found

PV array 1: OP 18

No glare found

PV array 1: OP 19

No glare found

PV array 1: OP 20

No glare found

PV array 1: OP 21

No glare found

PV array 1: OP 22

No glare found

PV array 1: OP 23

No glare found

PV array 1: OP 24

No glare found

PV array 1: OP 25

No glare found

PV array 1: OP 26

No glare found

PV array 1: OP 27

No glare found

PV array 1: OP 28

No glare found

PV array 1: OP 29

No glare found

PV array 1: OP 30

No glare found

PV array 1: OP 31

No glare found

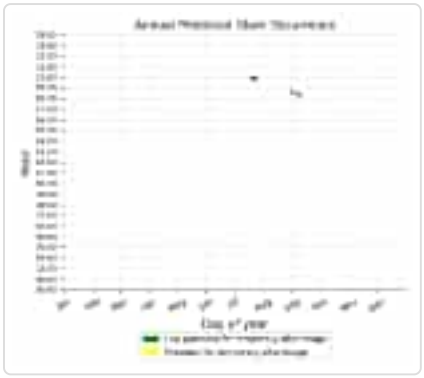
PV array 1: OP 32

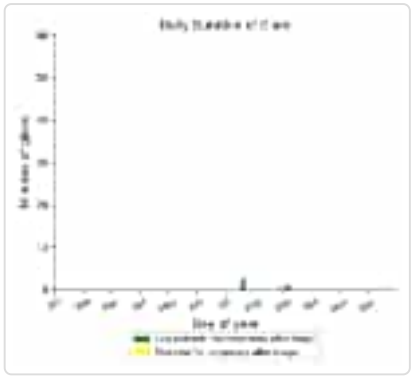
No glare found

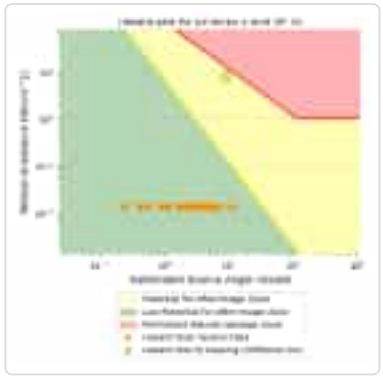
PV array 1: OP 33

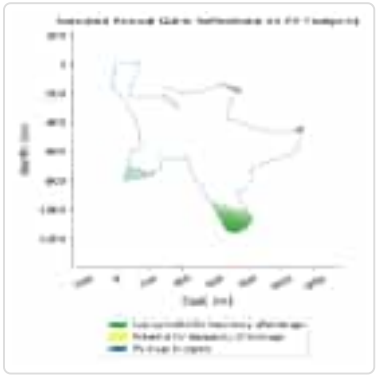
PV array is expected to produce the following glare for this receptor:

- 22 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





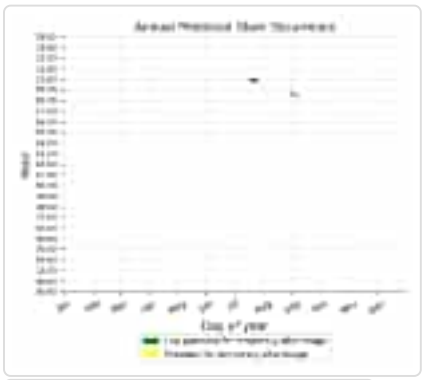


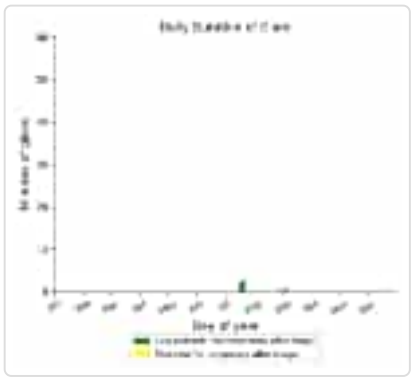


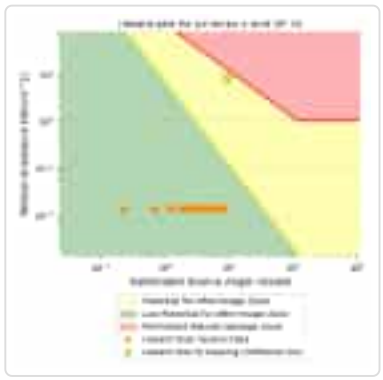
PV array 1: OP 34

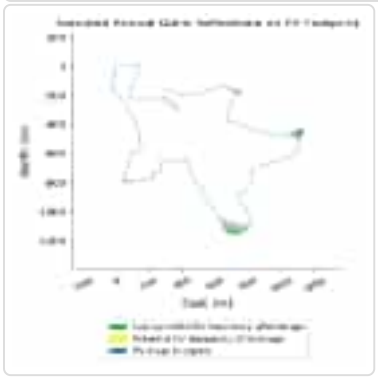
PV array is expected to produce the following glare for this receptor:

- 21 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





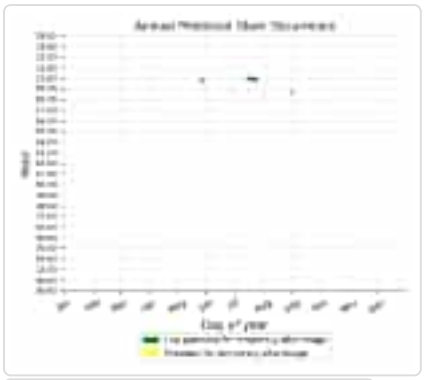


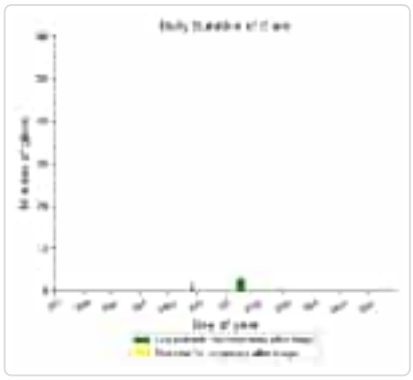


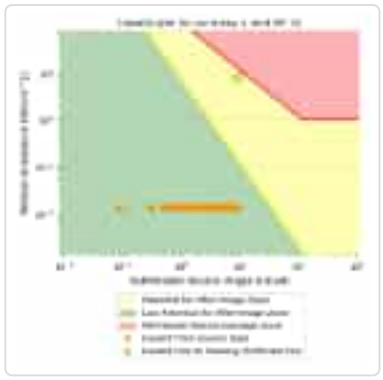
PV array 1: OP 35

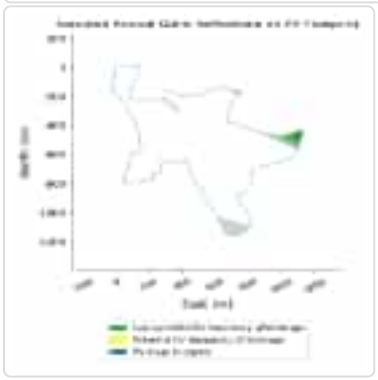
PV array is expected to produce the following glare for this receptor:

- 34 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





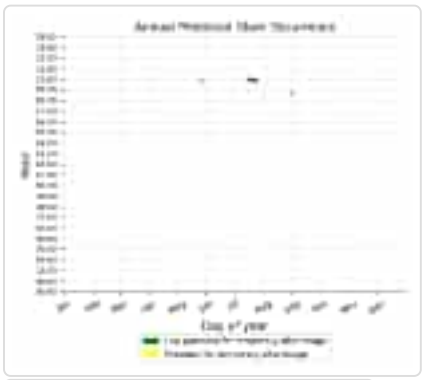


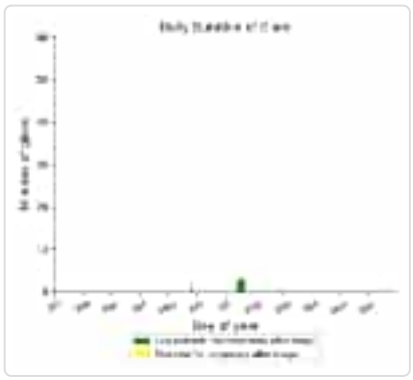


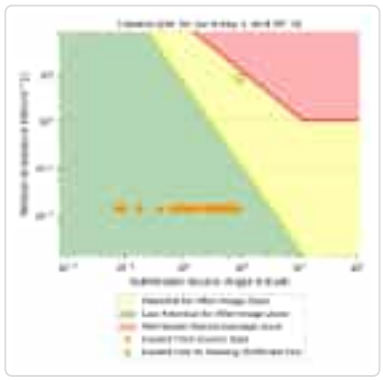
PV array 1: OP 36

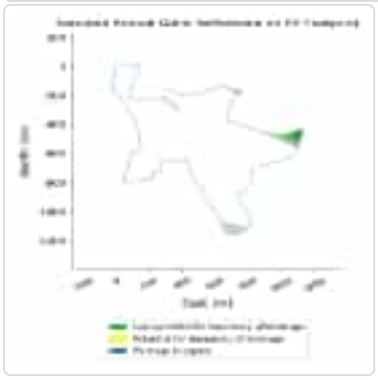
PV array is expected to produce the following glare for this receptor:

- 31 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





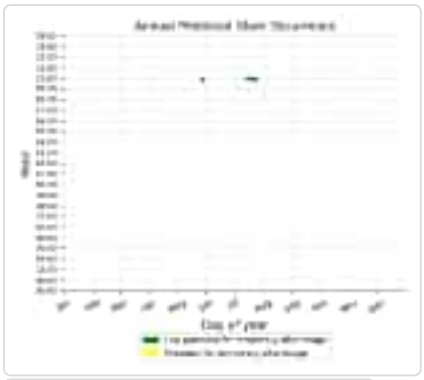


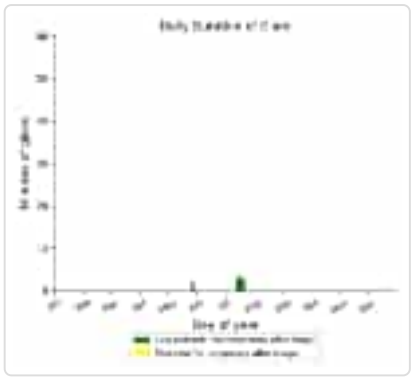


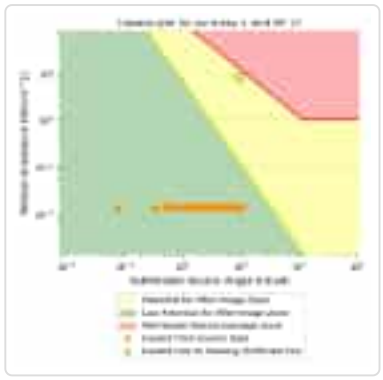
PV array 1: OP 37

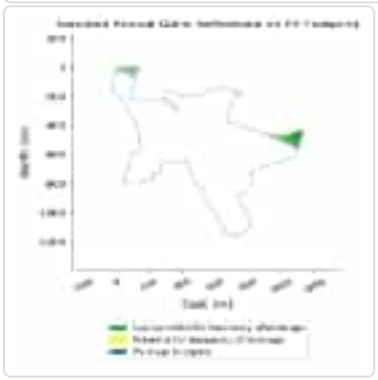
PV array is expected to produce the following glare for this receptor:

- 39 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





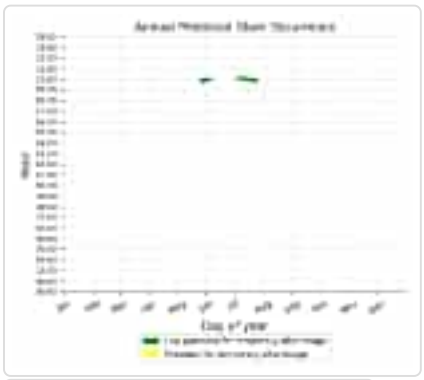


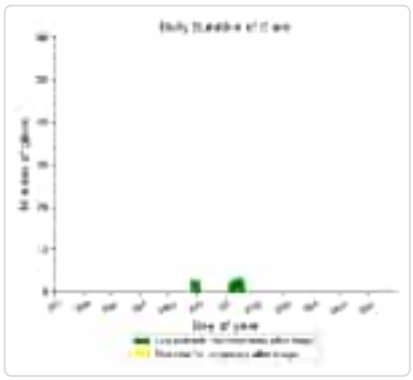


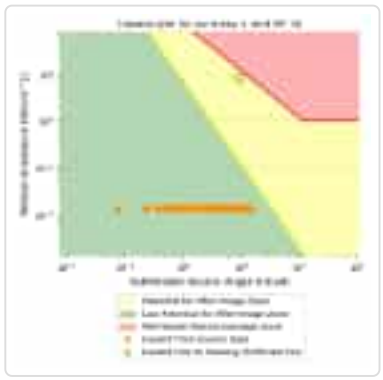
PV array 1: OP 38

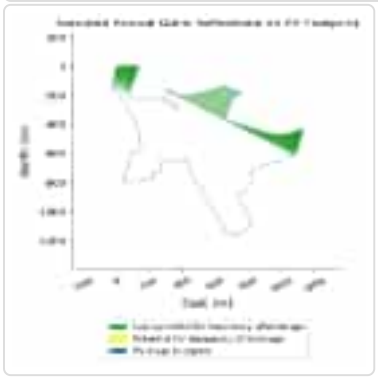
PV array is expected to produce the following glare for this receptor:

- 80 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





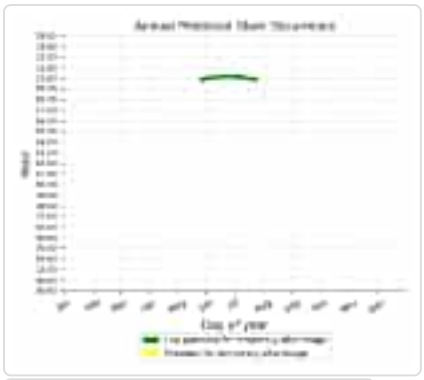


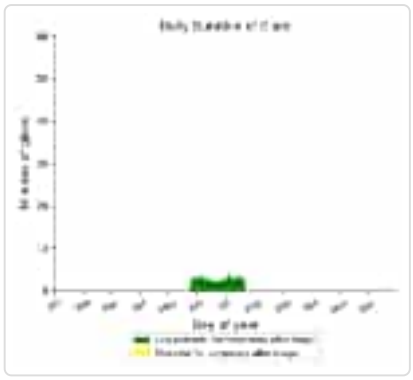


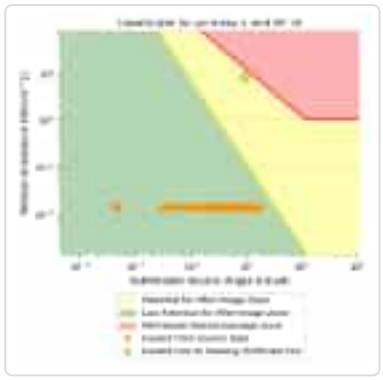
PV array 1: OP 39

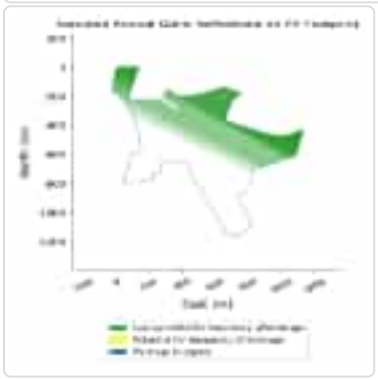
PV array is expected to produce the following glare for this receptor:

- 167 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





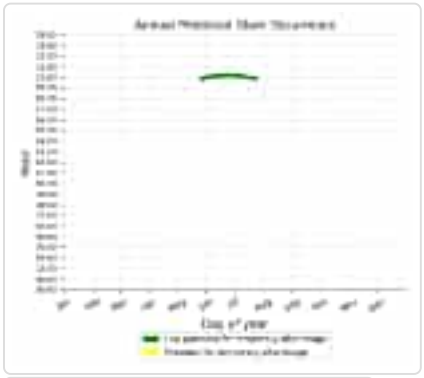


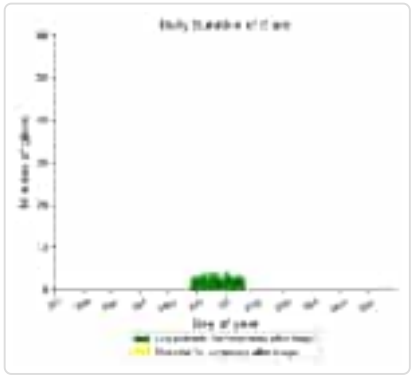


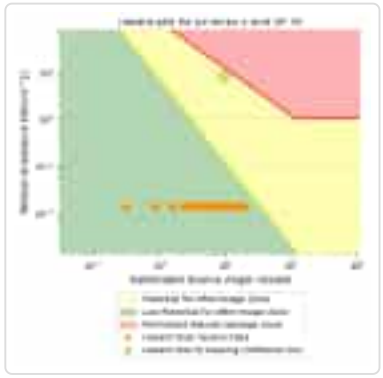
PV array 1: OP 40

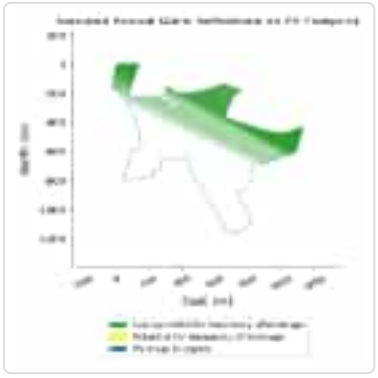
PV array is expected to produce the following glare for this receptor:

- 191 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





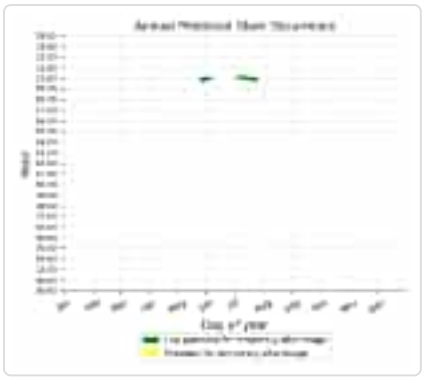


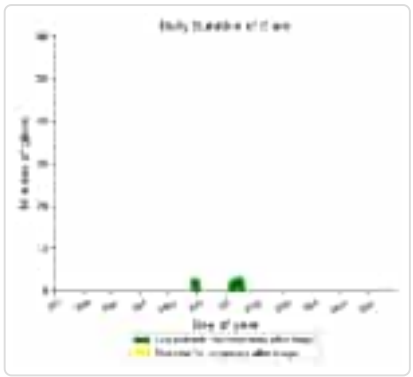


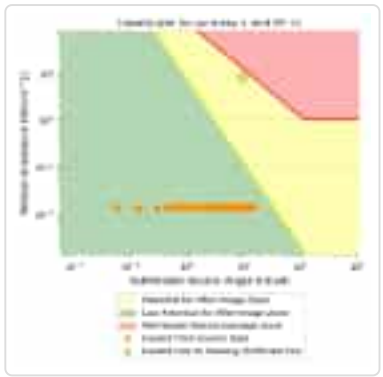
PV array 1: OP 41

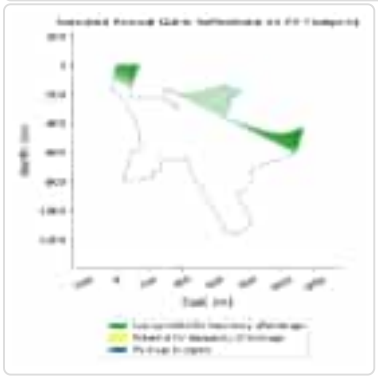
PV array is expected to produce the following glare for this receptor:

- 81 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 42

No glare found

PV array 1: OP 43

No glare found

PV array 1: OP 44

No glare found

PV array 1: OP 45

No glare found

PV array 1: OP 46

No glare found

PV array 1: OP 47

No glare found

PV array 1: OP 48

No glare found

PV array 1: OP 49

No glare found

PV array 1: OP 50

No glare found

PV array 1: OP 51

No glare found

PV array 1: OP 52

No glare found

PV array 1: OP 53

No glare found

PV array 1: OP 54

No glare found

PV array 1: OP 55

No glare found

PV array 1: OP 56

No glare found

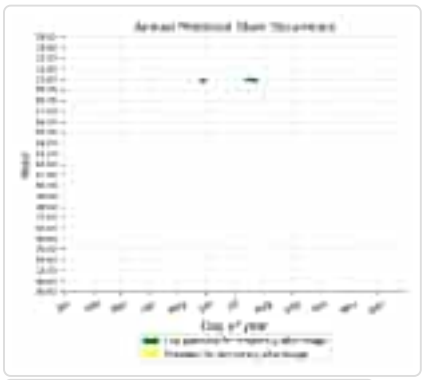
PV array 1: OP 57

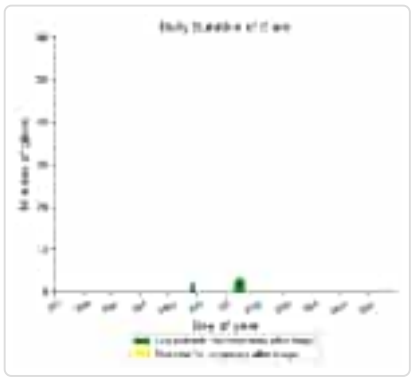
No glare found

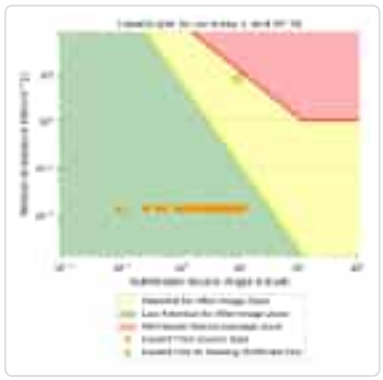
PV array 1: OP 58

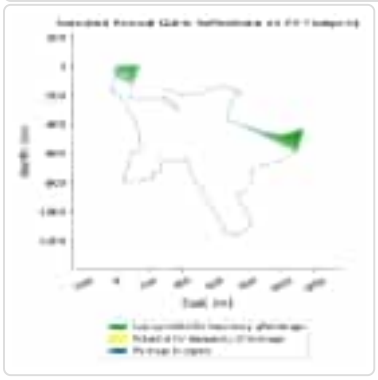
PV array is expected to produce the following glare for this receptor:

- 45 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





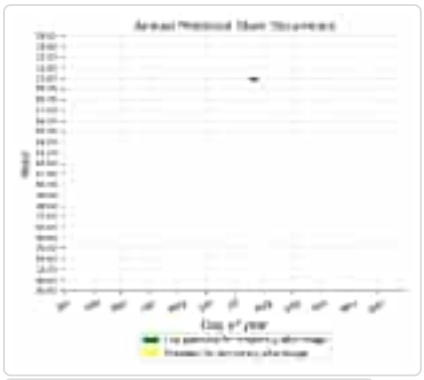


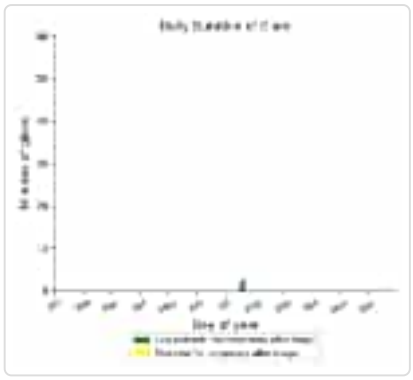


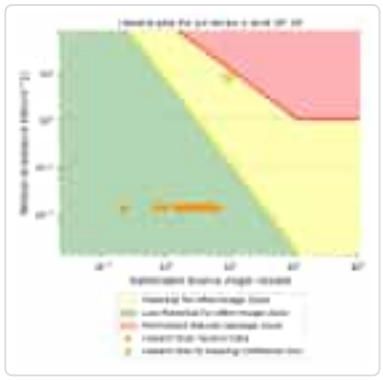
PV array 1: OP 59

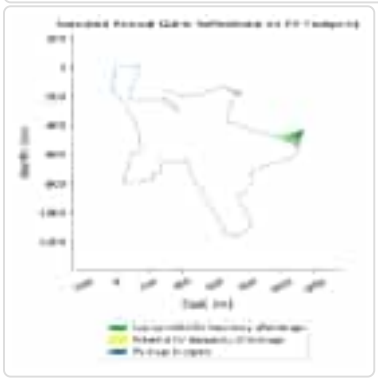
PV array is expected to produce the following glare for this receptor:

- 16 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





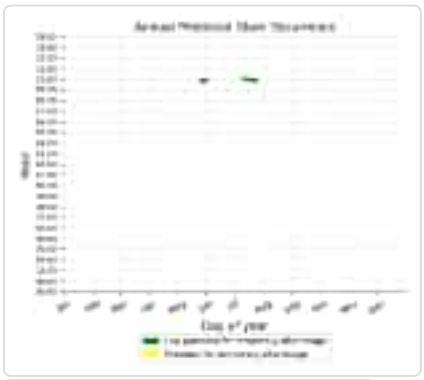


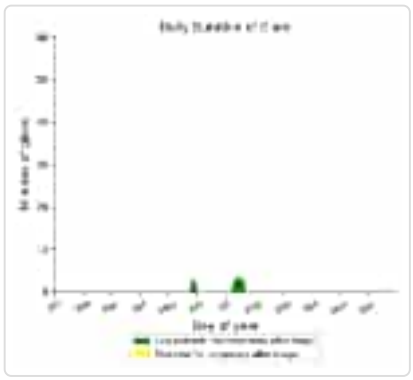


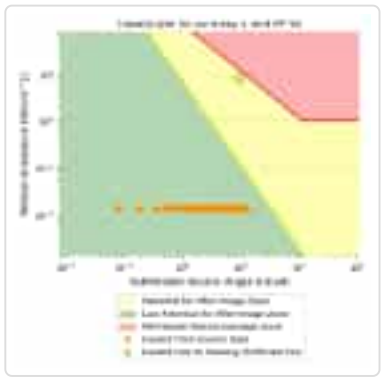
PV array 1: OP 60

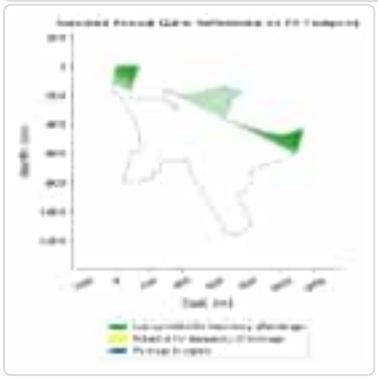
PV array is expected to produce the following glare for this receptor:

- 59 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





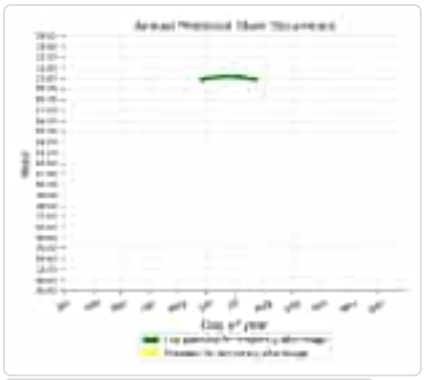


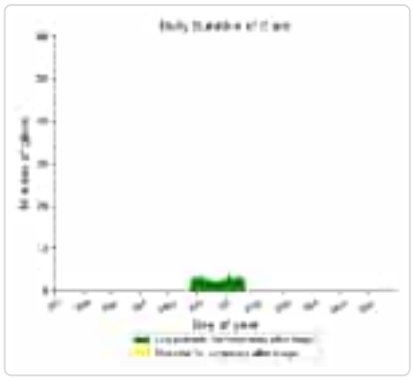


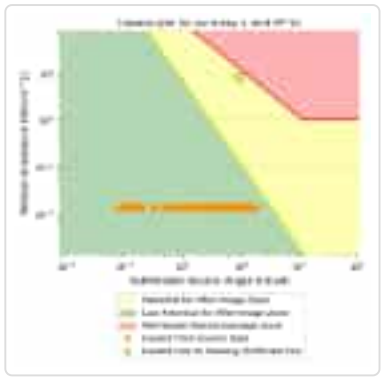
PV array 1: OP 61

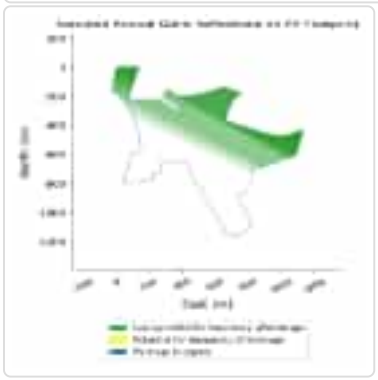
PV array is expected to produce the following glare for this receptor:

- 165 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





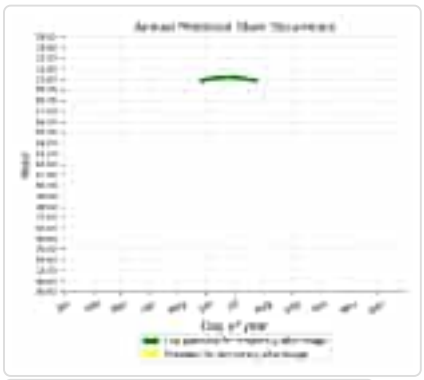


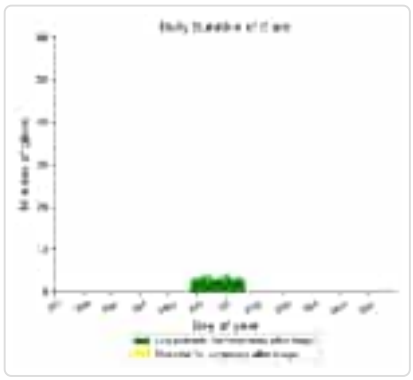


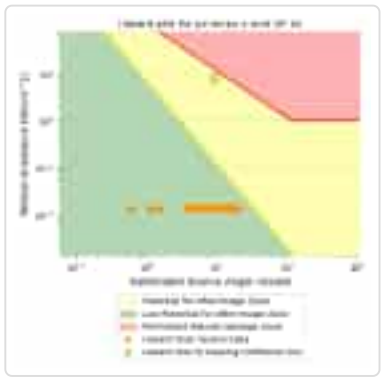
PV array 1: OP 62

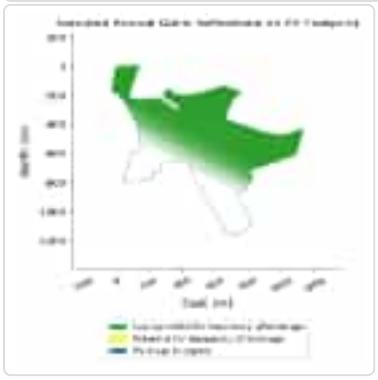
PV array is expected to produce the following glare for this receptor:

- 188 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





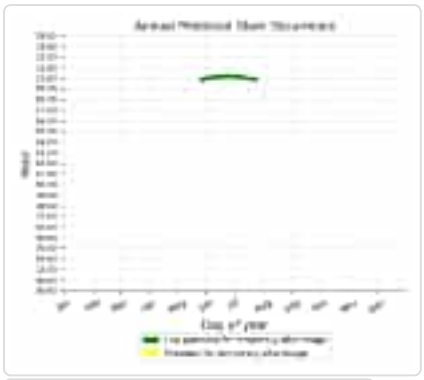


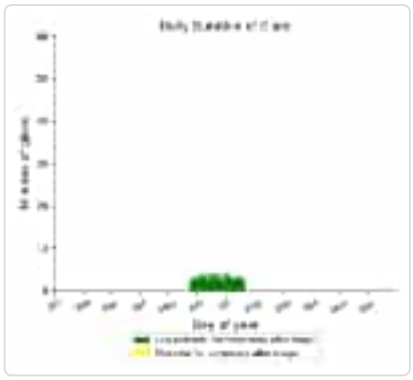


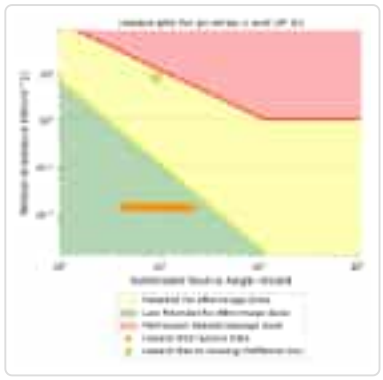
PV array 1: OP 63

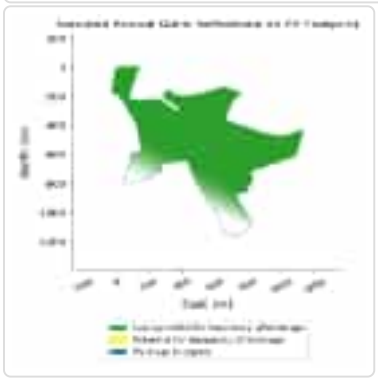
PV array is expected to produce the following glare for this receptor:

- 194 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





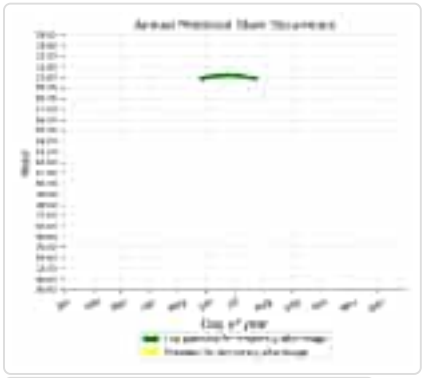


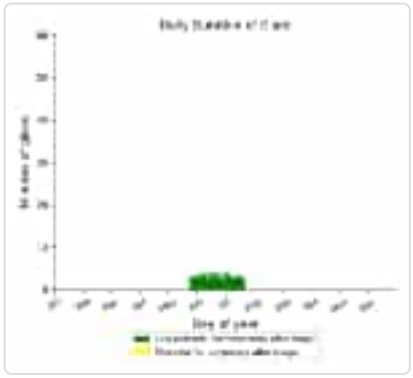


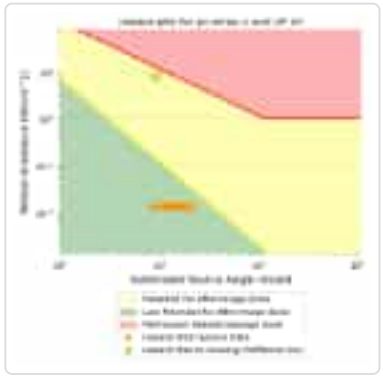
PV array 1: OP 64

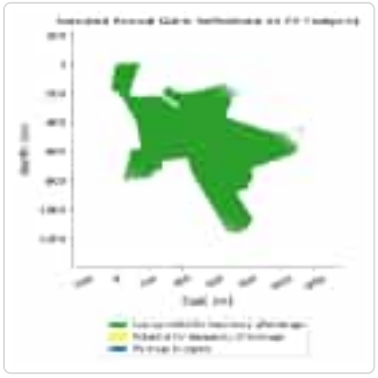
PV array is expected to produce the following glare for this receptor:

- 195 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





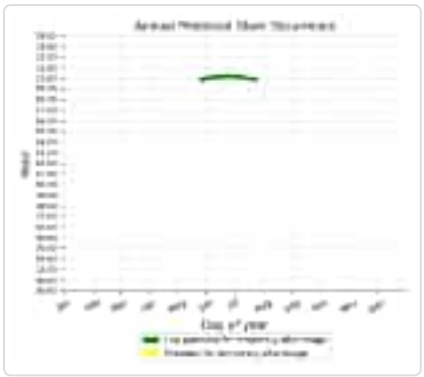


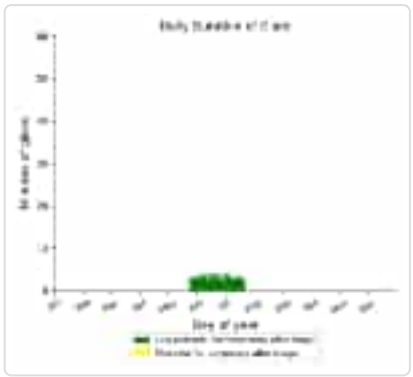


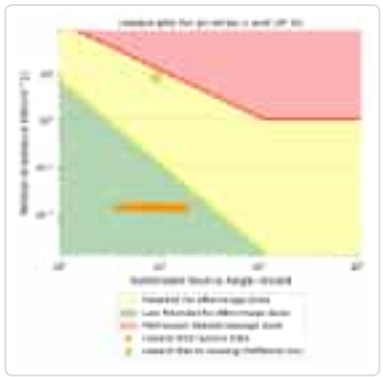
PV array 1: OP 65

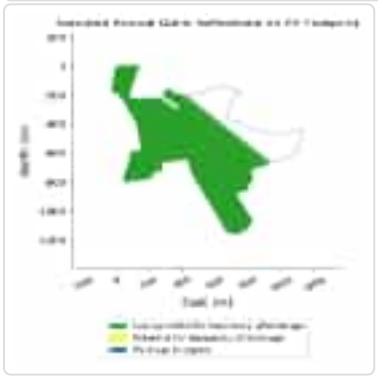
PV array is expected to produce the following glare for this receptor:

- 195 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





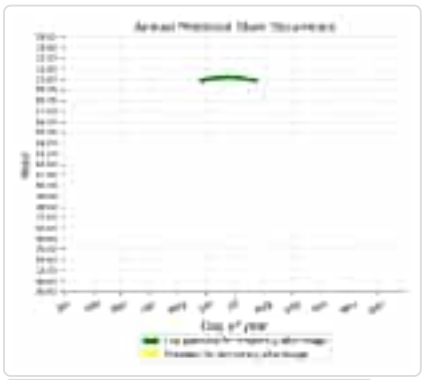


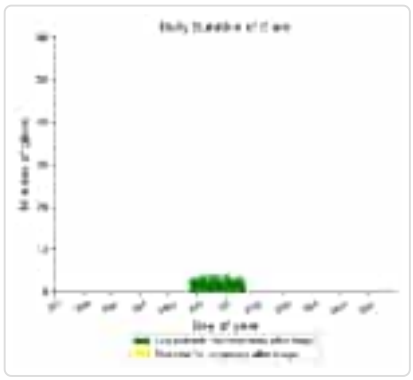


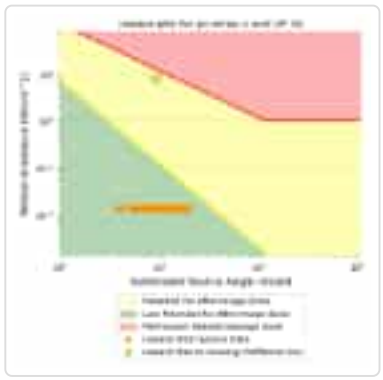
PV array 1: OP 66

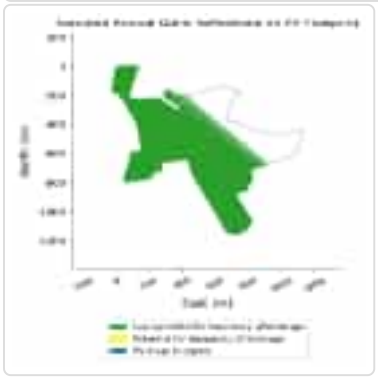
PV array is expected to produce the following glare for this receptor:

- 197 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





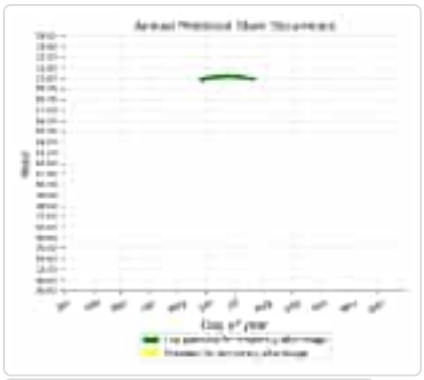


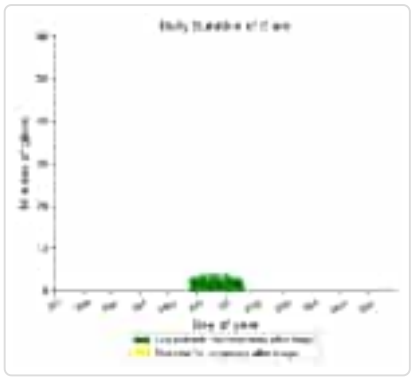


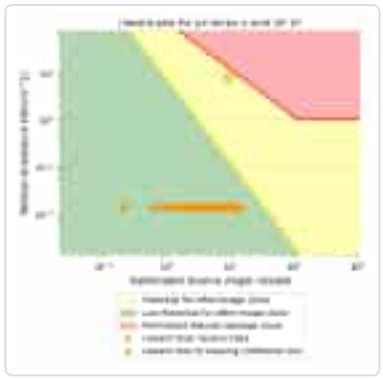
PV array 1: OP 67

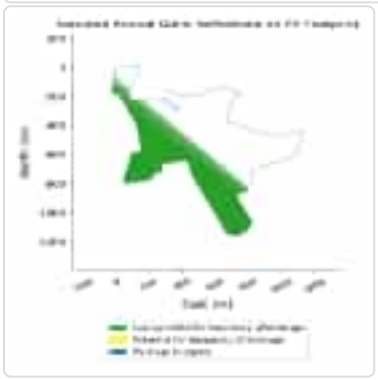
PV array is expected to produce the following glare for this receptor:

- 188 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





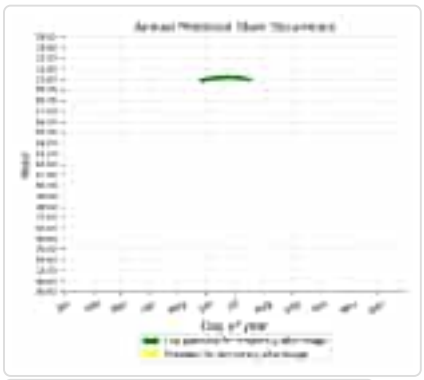


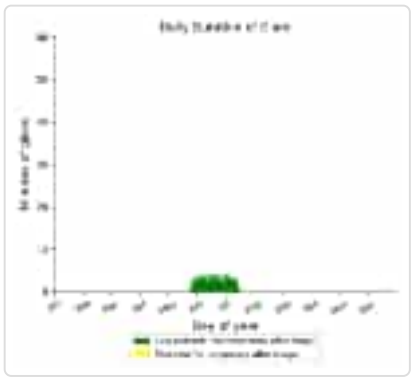


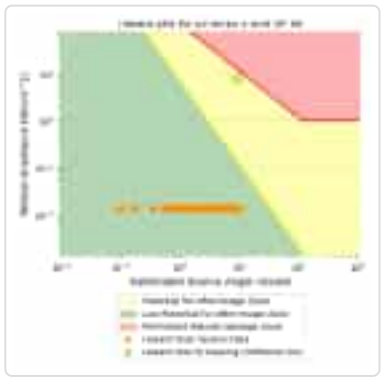
PV array 1: OP 68

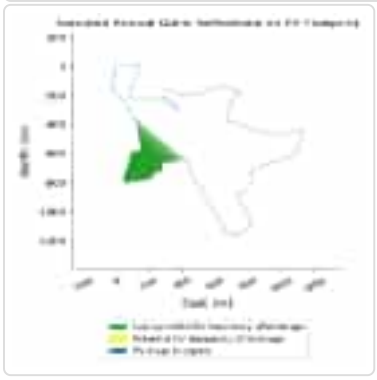
PV array is expected to produce the following glare for this receptor:

- 166 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





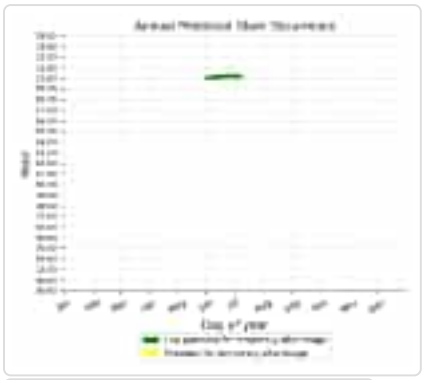


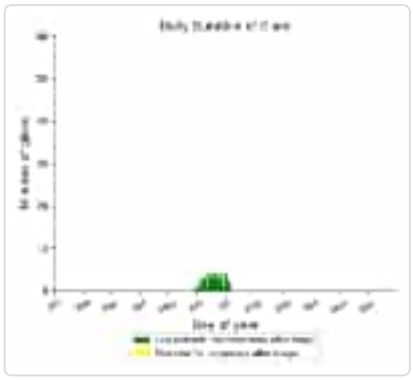


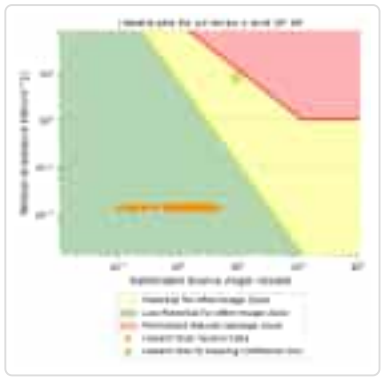
PV array 1: OP 69

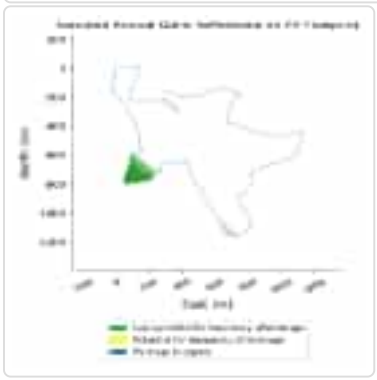
PV array is expected to produce the following glare for this receptor:

- 105 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





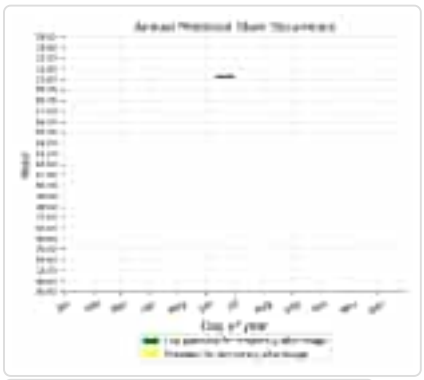


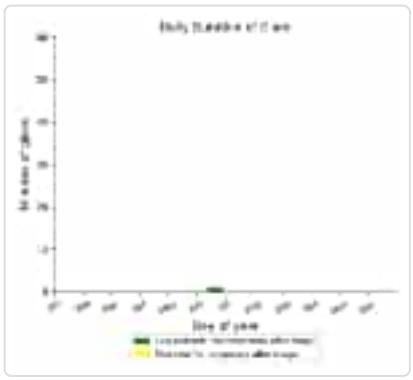


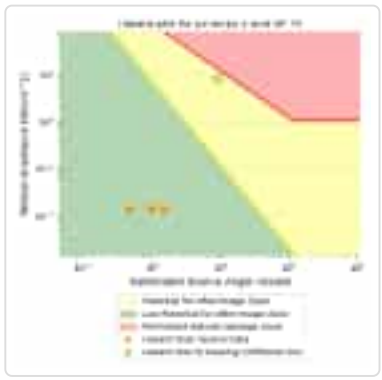
PV array 1: OP 70

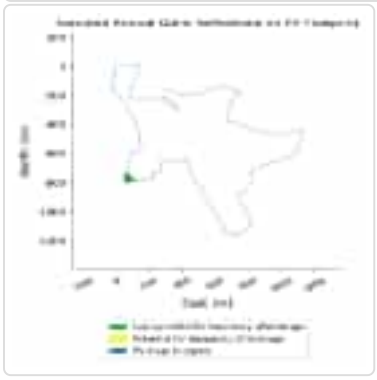
PV array is expected to produce the following glare for this receptor:

- 16 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 71

No glare found

PV array 1: OP 72

No glare found

PV array 1: OP 73

No glare found

PV array 10 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	25	0
OP: OP 10	0	0
OP: OP 11	431	9
OP: OP 12	493	29
OP: OP 13	584	5
OP: OP 14	186	0
OP: OP 15	36	0

OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	19	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	123	0
OP: OP 39	638	8
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	109	0
OP: OP 57	54	0
OP: OP 58	0	0
OP: OP 59	143	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	441	5
OP: OP 63	738	846
OP: OP 64	1150	1789
OP: OP 65	1253	380
OP: OP 66	652	28
OP: OP 67	295	0
OP: OP 68	0	0
OP: OP 69	0	0

OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0

PV array 10: OP 1

No glare found

PV array 10: OP 2

No glare found

PV array 10: OP 3

No glare found

PV array 10: OP 4

No glare found

PV array 10: OP 5

No glare found

PV array 10: OP 6

No glare found

PV array 10: OP 7

No glare found

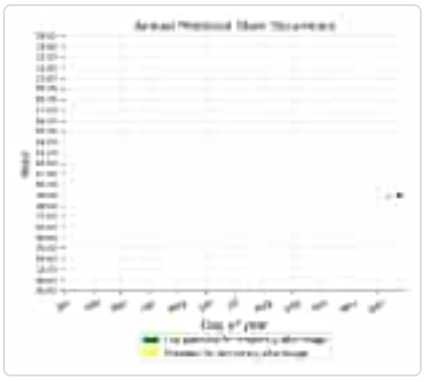
PV array 10: OP 8

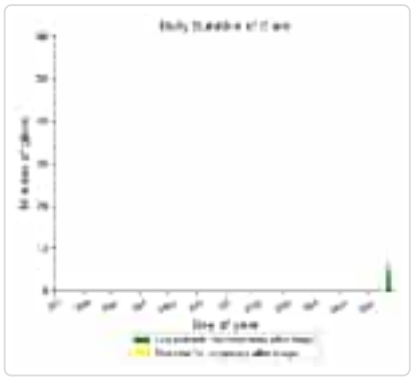
No glare found

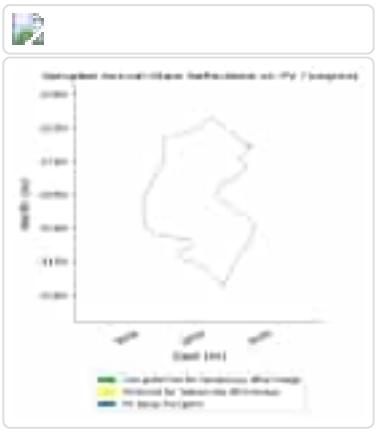
PV array 10: OP 9

PV array is expected to produce the following glare for this receptor:

- 25 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







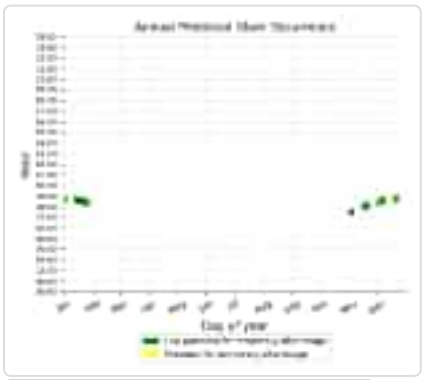
PV array 10: OP 10

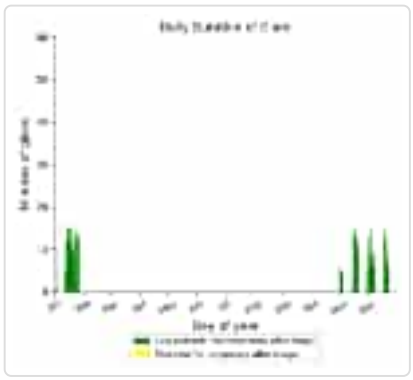
No glare found

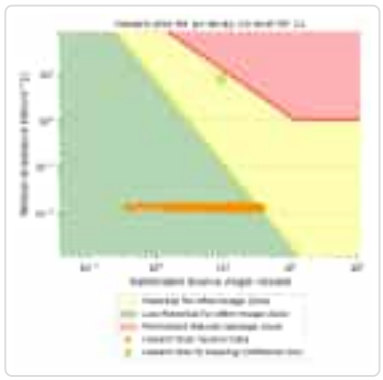
PV array 10: OP 11

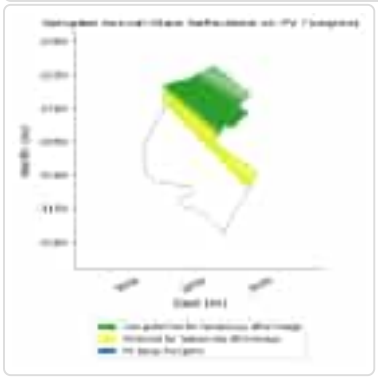
PV array is expected to produce the following glare for this receptor:

- 431 minutes of "green" glare with low potential to cause temporary after-image.
- 9 minutes of "yellow" glare with potential to cause temporary after-image.





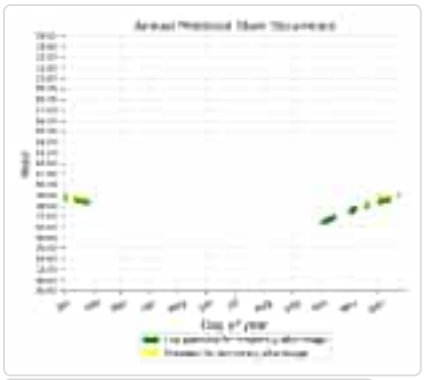


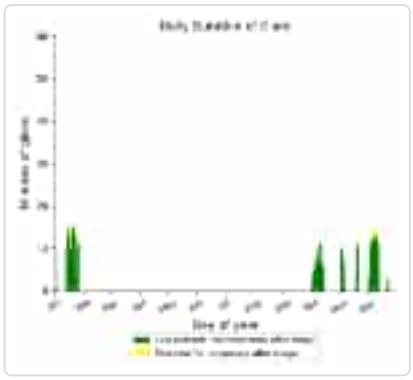


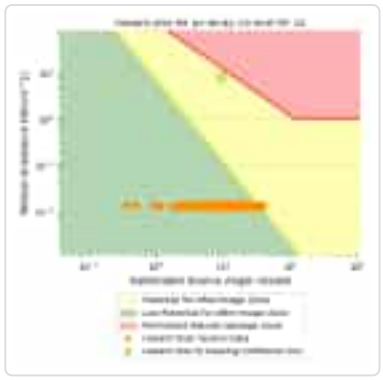
PV array 10: OP 12

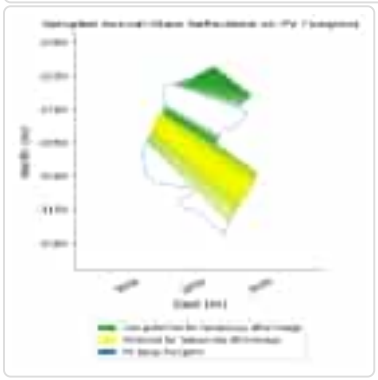
PV array is expected to produce the following glare for this receptor:

- 493 minutes of "green" glare with low potential to cause temporary after-image.
- 29 minutes of "yellow" glare with potential to cause temporary after-image.





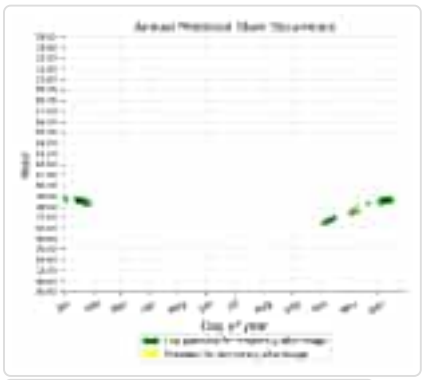


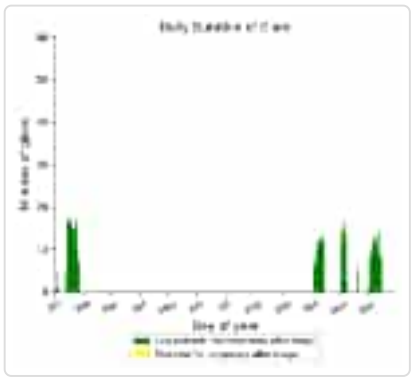


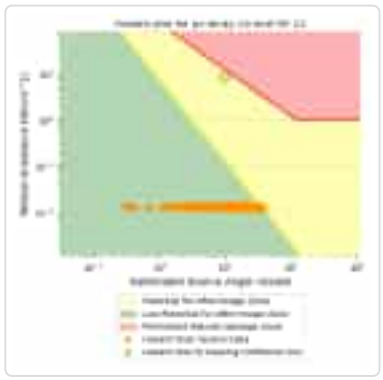
PV array 10: OP 13

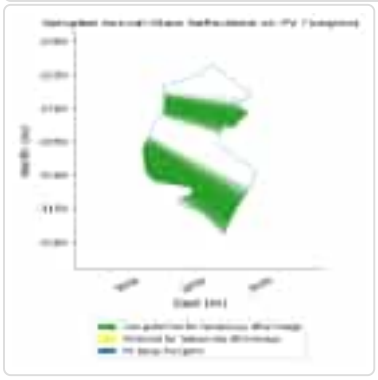
PV array is expected to produce the following glare for this receptor:

- 584 minutes of "green" glare with low potential to cause temporary after-image.
- 5 minutes of "yellow" glare with potential to cause temporary after-image.





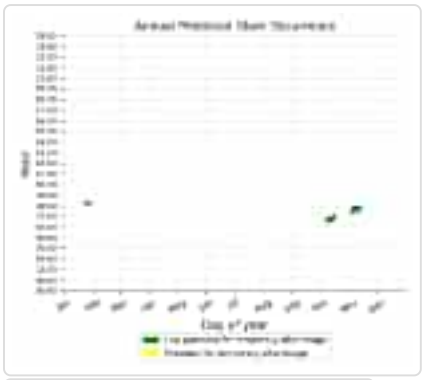


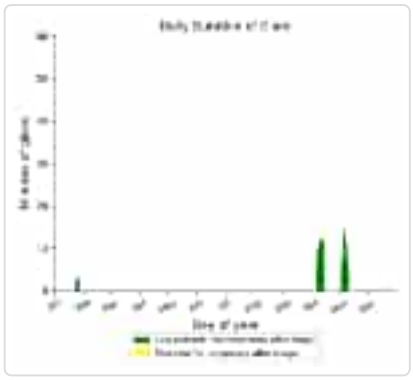


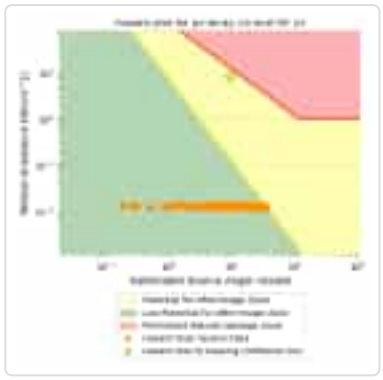
PV array 10: OP 14

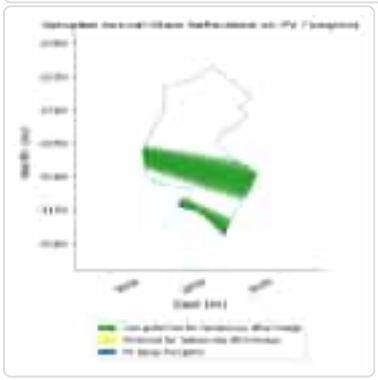
PV array is expected to produce the following glare for this receptor:

- 186 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





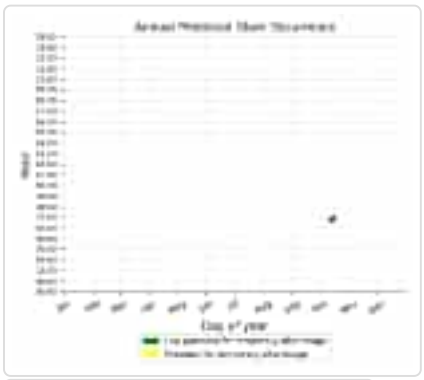


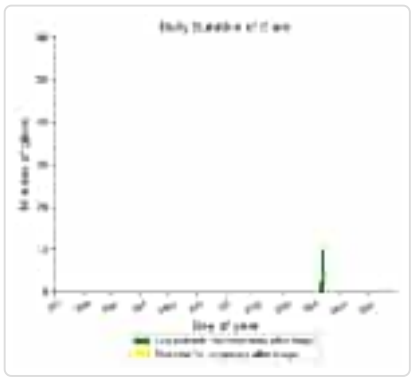


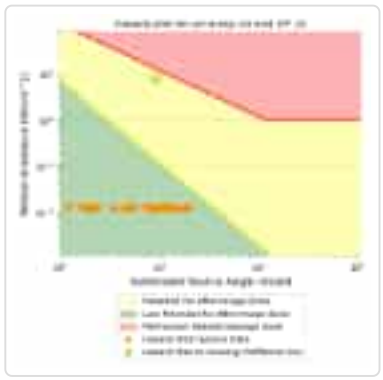
PV array 10: OP 15

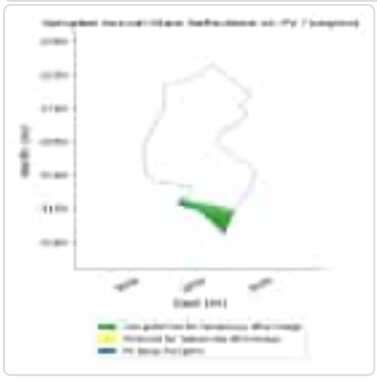
PV array is expected to produce the following glare for this receptor:

- 36 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 16

No glare found

PV array 10: OP 17

No glare found

PV array 10: OP 18

No glare found

PV array 10: OP 19

No glare found

PV array 10: OP 20

No glare found

PV array 10: OP 21

No glare found

PV array 10: OP 22

No glare found

PV array 10: OP 23

No glare found

PV array 10: OP 24

No glare found

PV array 10: OP 25

No glare found

PV array 10: OP 26

No glare found

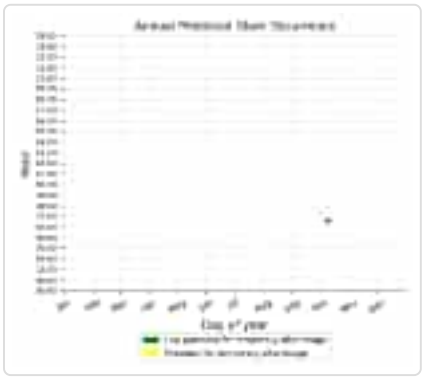
PV array 10: OP 27

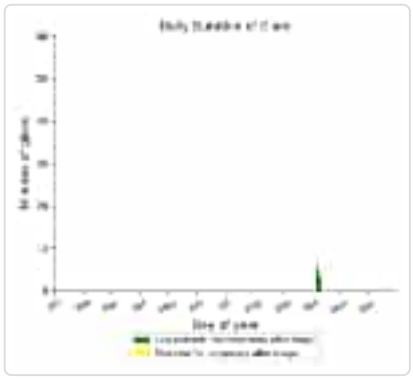
No glare found

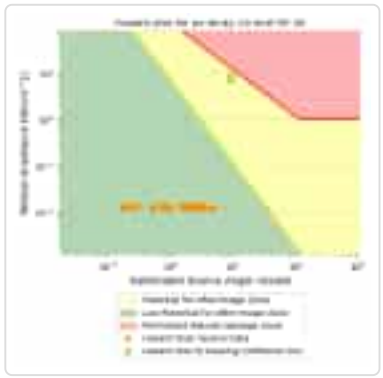
PV array 10: OP 28

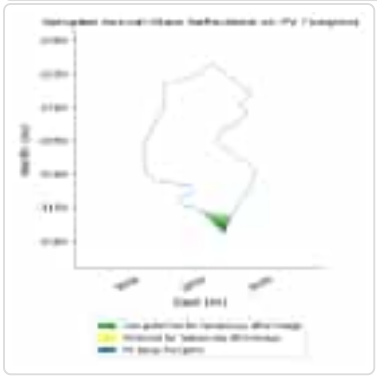
PV array is expected to produce the following glare for this receptor:

- 19 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 29

No glare found

PV array 10: OP 30

No glare found

PV array 10: OP 31

No glare found

PV array 10: OP 32

No glare found

PV array 10: OP 33

No glare found

PV array 10: OP 34

No glare found

PV array 10: OP 35

No glare found

PV array 10: OP 36

No glare found

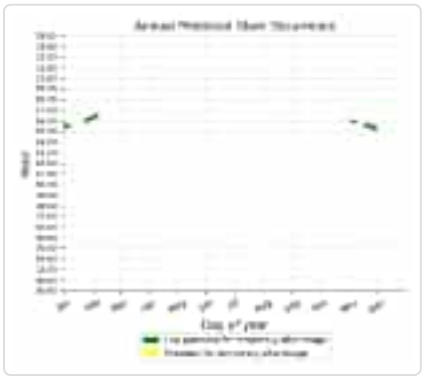
PV array 10: OP 37

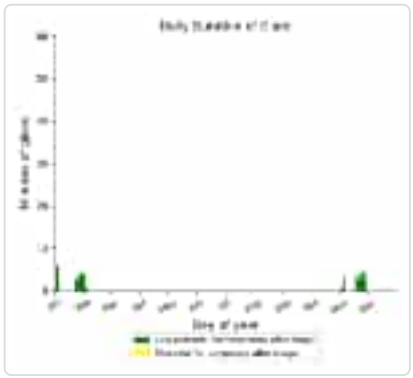
No glare found

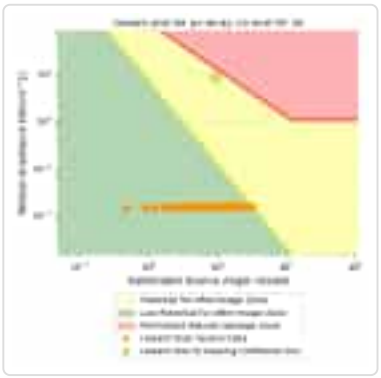
PV array 10: OP 38

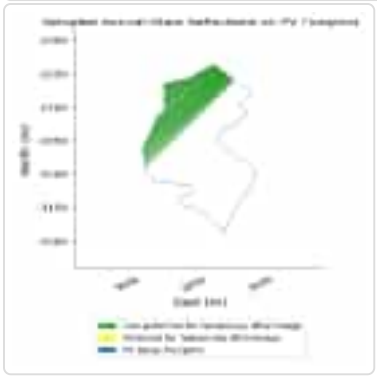
PV array is expected to produce the following glare for this receptor:

- 123 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





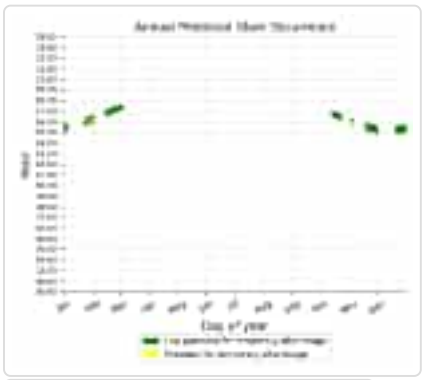


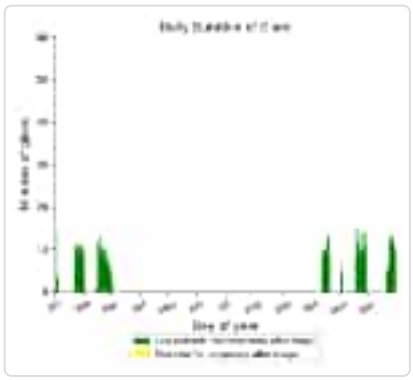


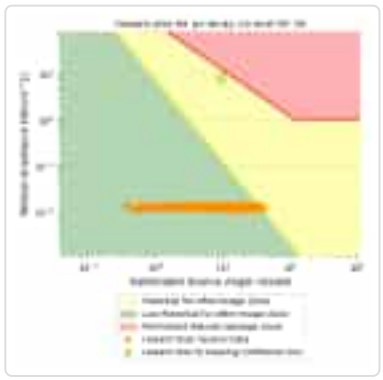
PV array 10: OP 39

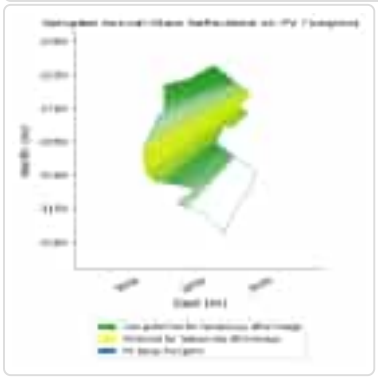
PV array is expected to produce the following glare for this receptor:

- 638 minutes of "green" glare with low potential to cause temporary after-image.
- 8 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 40

No glare found

PV array 10: OP 41

No glare found

PV array 10: OP 42

No glare found

PV array 10: OP 43

No glare found

PV array 10: OP 44

No glare found

PV array 10: OP 45

No glare found

PV array 10: OP 46

No glare found

PV array 10: OP 47

No glare found

PV array 10: OP 48

No glare found

PV array 10: OP 49

No glare found

PV array 10: OP 50

No glare found

PV array 10: OP 51

No glare found

PV array 10: OP 52

No glare found

PV array 10: OP 53

No glare found

PV array 10: OP 54

No glare found

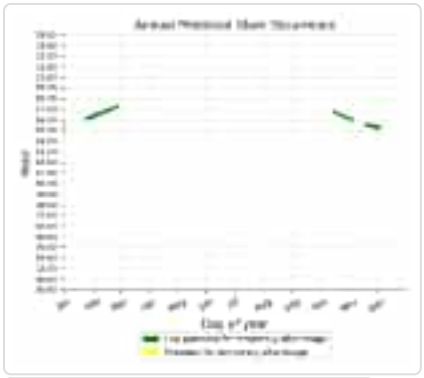
PV array 10: OP 55

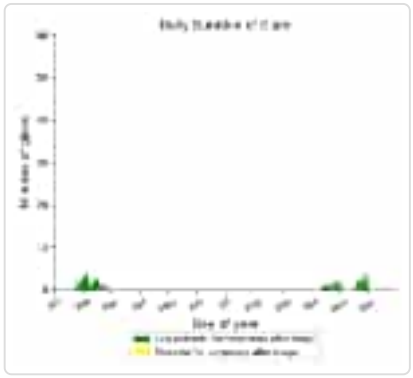
No glare found

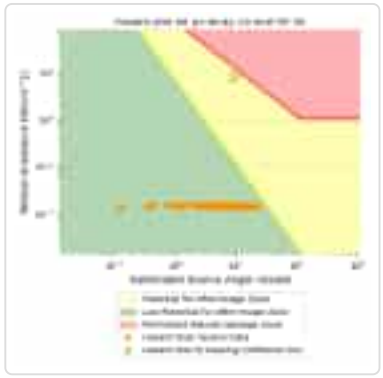
PV array 10: OP 56

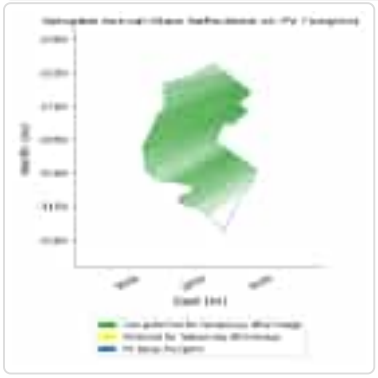
PV array is expected to produce the following glare for this receptor:

- 109 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





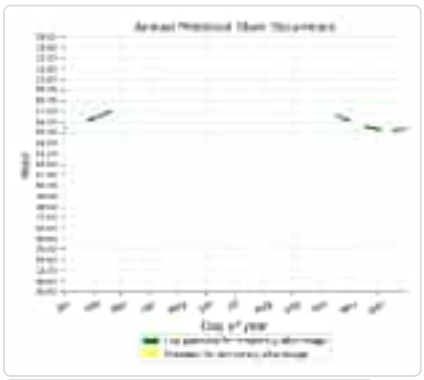


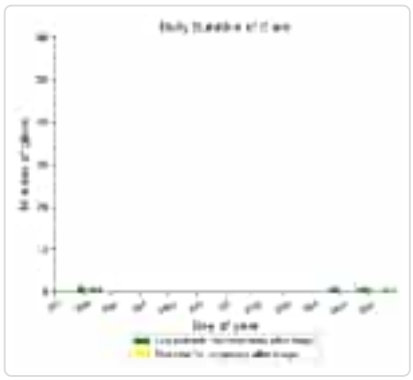


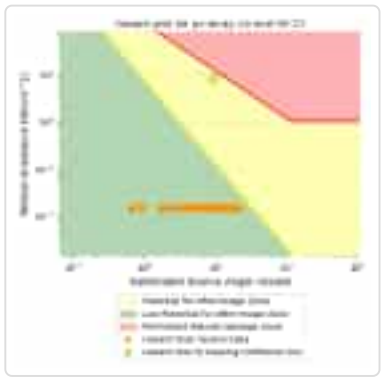
PV array 10: OP 57

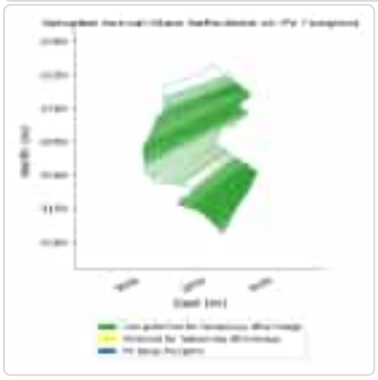
PV array is expected to produce the following glare for this receptor:

- 54 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









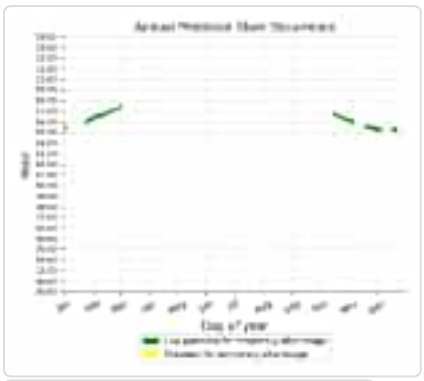
PV array 10: OP 58

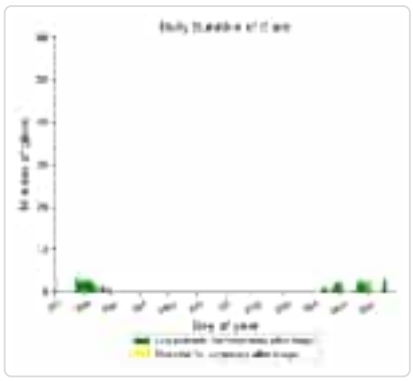
No glare found

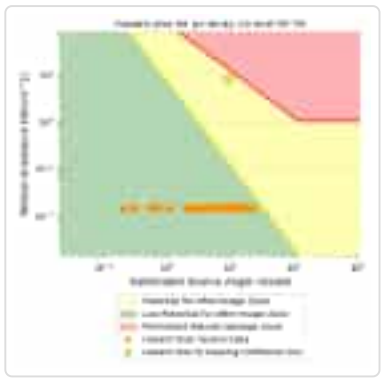
PV array 10: OP 59

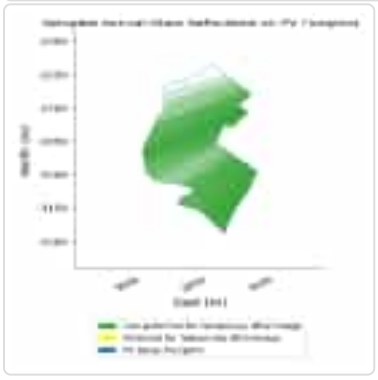
PV array is expected to produce the following glare for this receptor:

- 143 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 60

No glare found

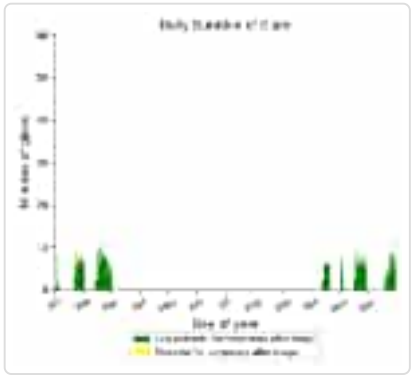
PV array 10: OP 61

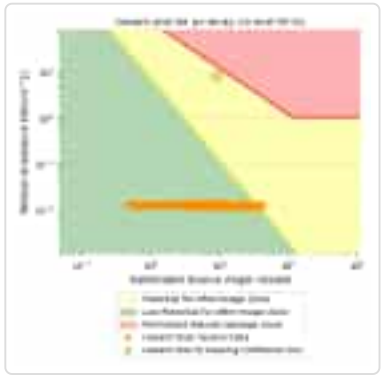
No glare found

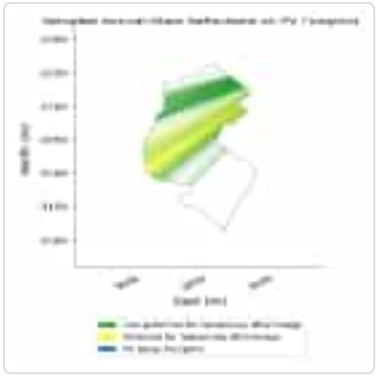
PV array 10: OP 62

PV array is expected to produce the following glare for this receptor:

- 441 minutes of "green" glare with low potential to cause temporary after-image.
- 5 minutes of "yellow" glare with potential to cause temporary after-image.



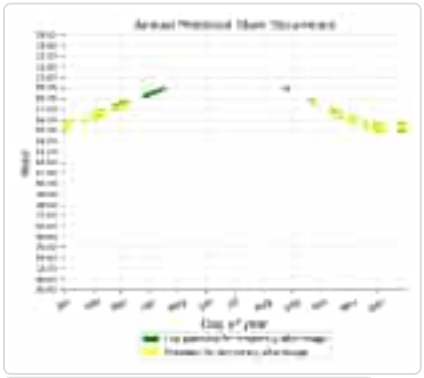


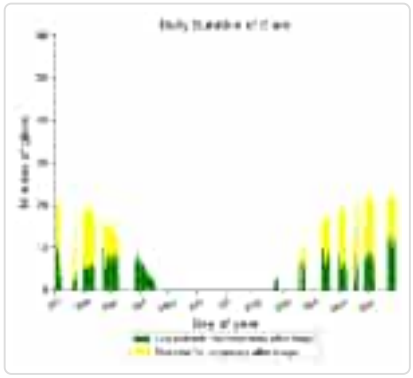


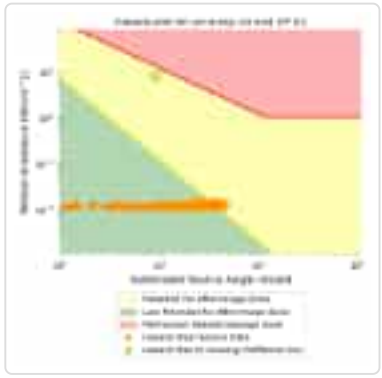
PV array 10: OP 63

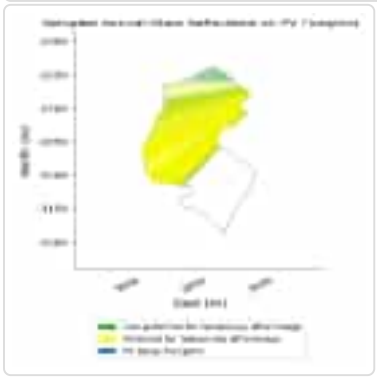
PV array is expected to produce the following glare for this receptor:

- 738 minutes of "green" glare with low potential to cause temporary after-image.
- 846 minutes of "yellow" glare with potential to cause temporary after-image.





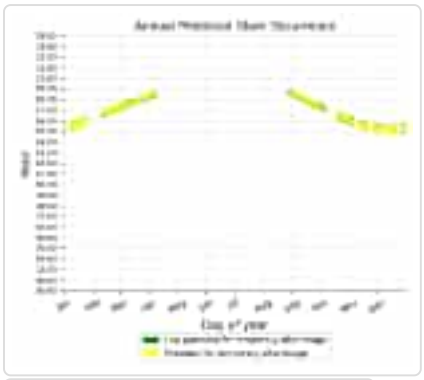


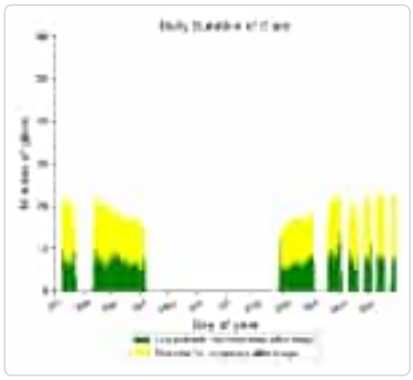


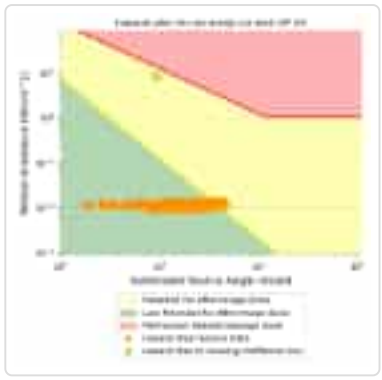
PV array 10: OP 64

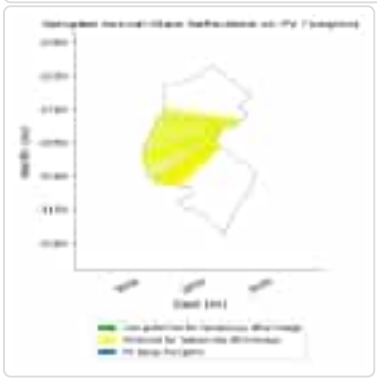
PV array is expected to produce the following glare for this receptor:

- 1,150 minutes of "green" glare with low potential to cause temporary after-image.
- 1,789 minutes of "yellow" glare with potential to cause temporary after-image.





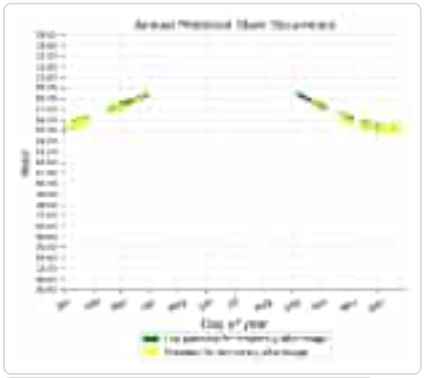


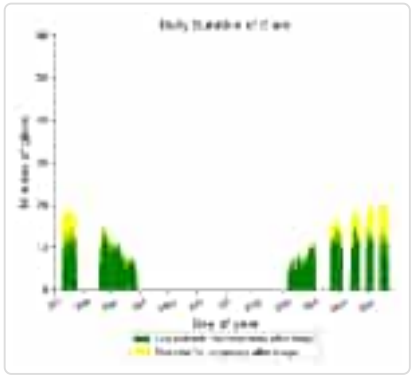


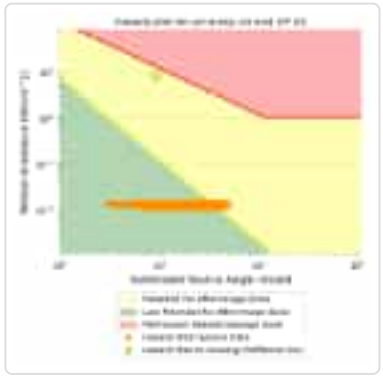
PV array 10: OP 65

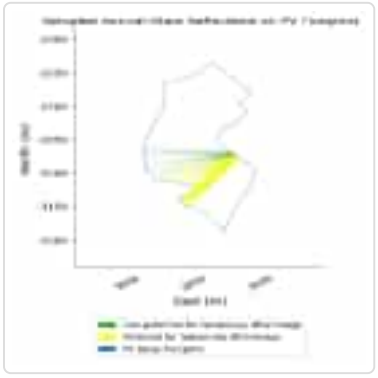
PV array is expected to produce the following glare for this receptor:

- 1,253 minutes of "green" glare with low potential to cause temporary after-image.
- 380 minutes of "yellow" glare with potential to cause temporary after-image.





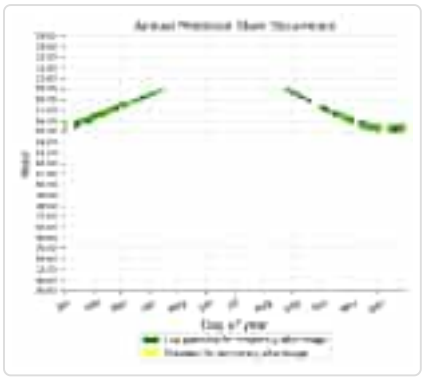


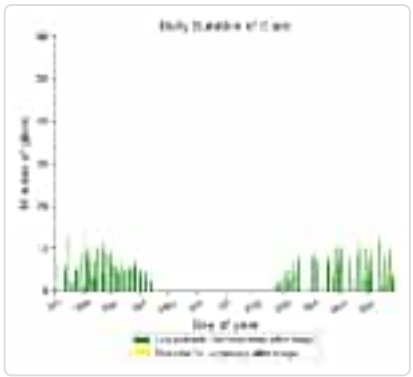


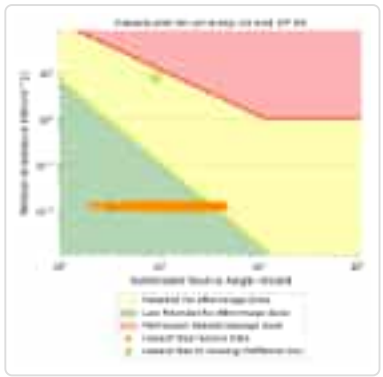
PV array 10: OP 66

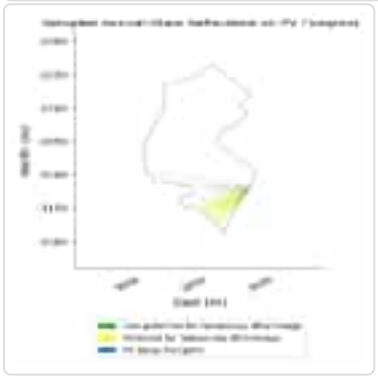
PV array is expected to produce the following glare for this receptor:

- 652 minutes of "green" glare with low potential to cause temporary after-image.
- 28 minutes of "yellow" glare with potential to cause temporary after-image.





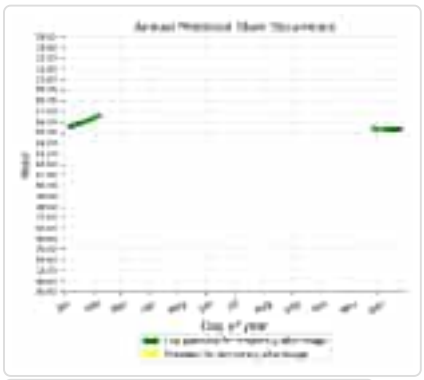


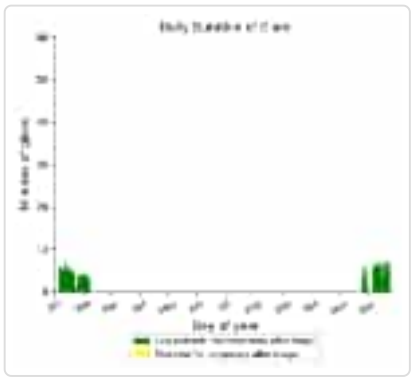


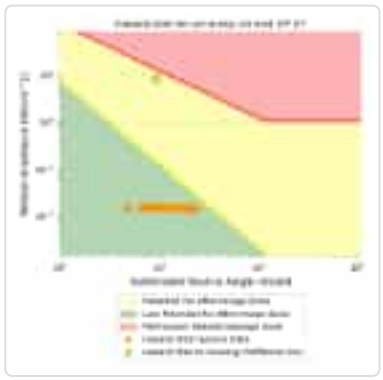
PV array 10: OP 67

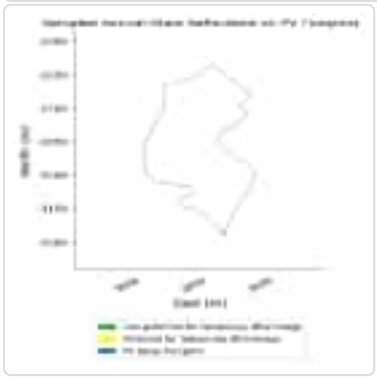
PV array is expected to produce the following glare for this receptor:

- 295 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 68

No glare found

PV array 10: OP 69

No glare found

PV array 10: OP 70

No glare found

PV array 10: OP 71

No glare found

PV array 10: OP 72

No glare found

PV array 10: OP 73

No glare found

PV array 11 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0

No glare found

PV array 12 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	135	0
OP: OP 11	129	0
OP: OP 12	160	0
OP: OP 13	199	0
OP: OP 14	139	0
OP: OP 15	50	0
OP: OP 16	43	0
OP: OP 17	28	0
OP: OP 18	48	0
OP: OP 19	55	0
OP: OP 20	68	0
OP: OP 21	80	0
OP: OP 22	75	0
OP: OP 23	86	0
OP: OP 24	88	0
OP: OP 25	86	0

OP: OP 26	65	0
OP: OP 27	33	0
OP: OP 28	0	0
OP: OP 29	100	0
OP: OP 30	88	0
OP: OP 31	93	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	55	0
OP: OP 48	118	0
OP: OP 49	120	0
OP: OP 50	82	0
OP: OP 51	36	0
OP: OP 52	31	0
OP: OP 53	27	0
OP: OP 54	35	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	180	0
OP: OP 65	202	0
OP: OP 66	226	0
OP: OP 67	252	0
OP: OP 68	158	0
OP: OP 69	59	0
OP: OP 70	79	0
OP: OP 71	133	0
OP: OP 72	145	0
OP: OP 73	46	0

PV array 12: OP 1

No glare found

PV array 12: OP 2

No glare found

PV array 12: OP 3

No glare found

PV array 12: OP 4

No glare found

PV array 12: OP 5

No glare found

PV array 12: OP 6

No glare found

PV array 12: OP 7

No glare found

PV array 12: OP 8

No glare found

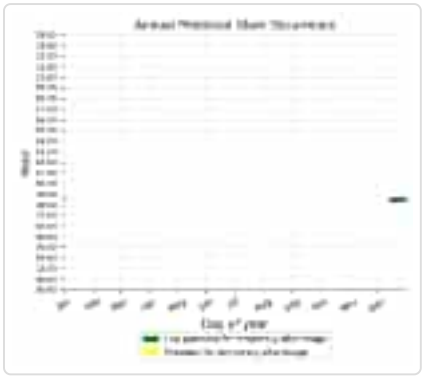
PV array 12: OP 9

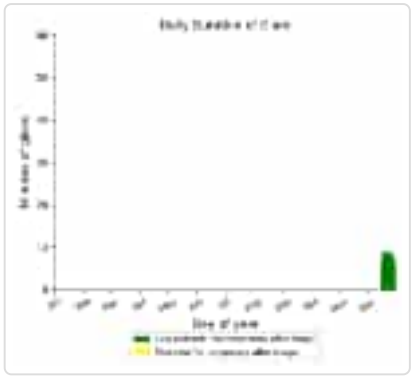
No glare found

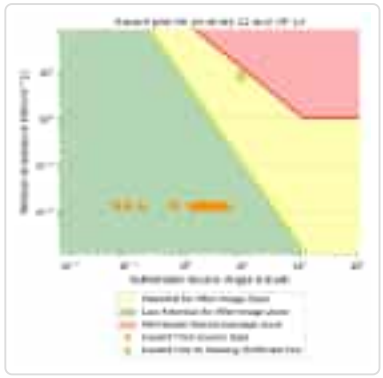
PV array 12: OP 10

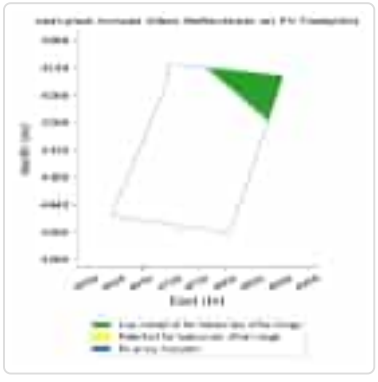
PV array is expected to produce the following glare for this receptor:

- 135 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





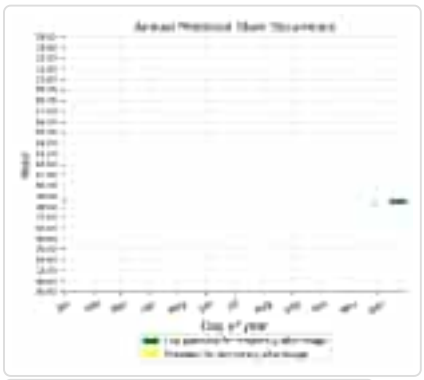


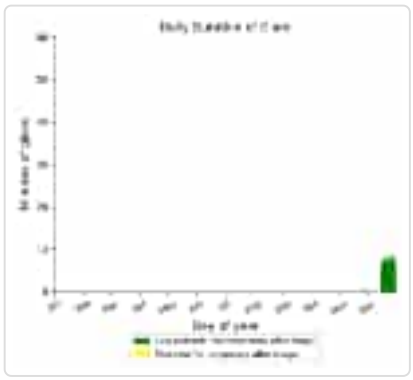


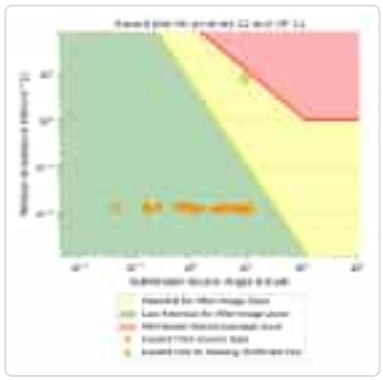
PV array 12: OP 11

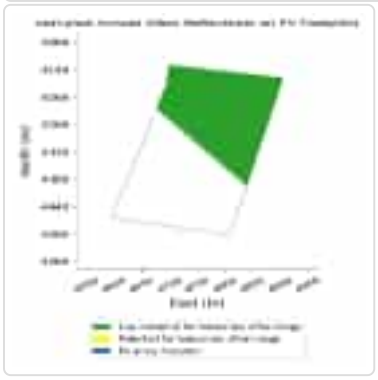
PV array is expected to produce the following glare for this receptor:

- 129 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





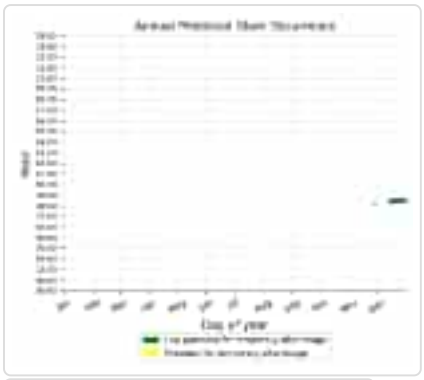


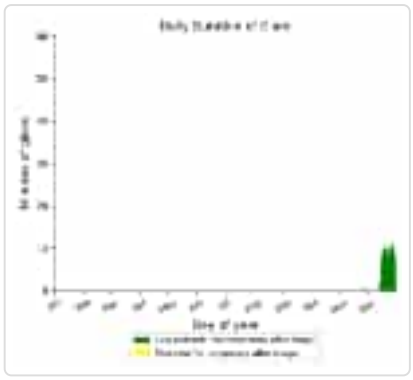


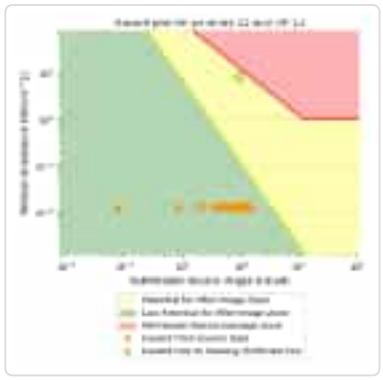
PV array 12: OP 12

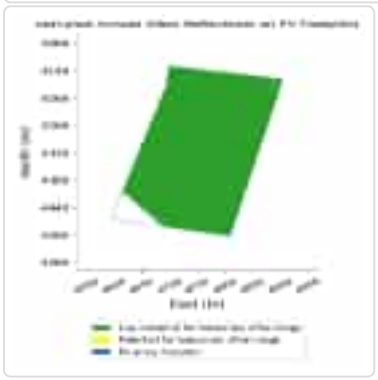
PV array is expected to produce the following glare for this receptor:

- 160 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





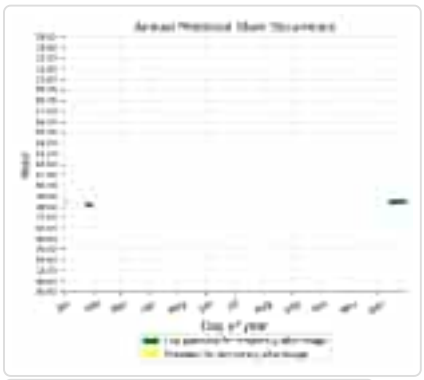


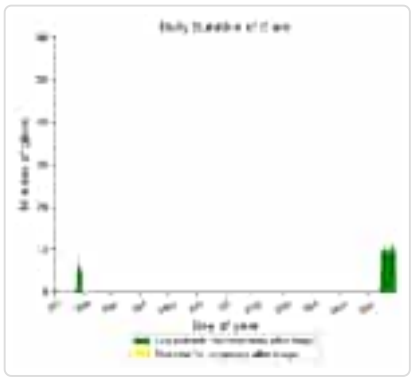


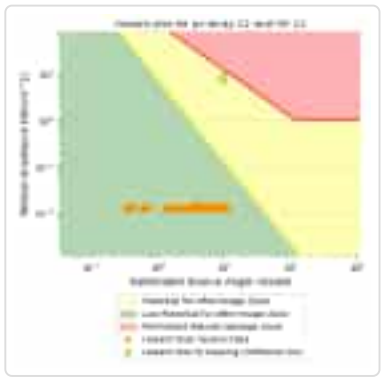
PV array 12: OP 13

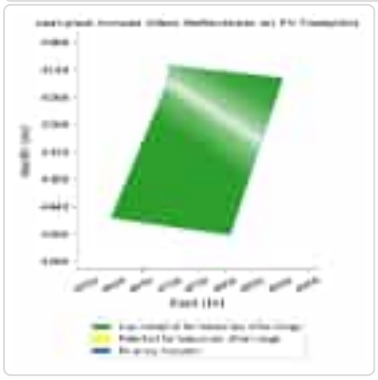
PV array is expected to produce the following glare for this receptor:

- 199 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





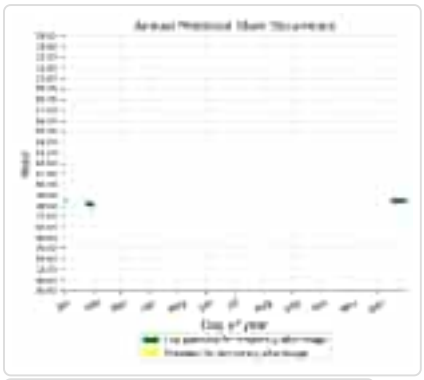


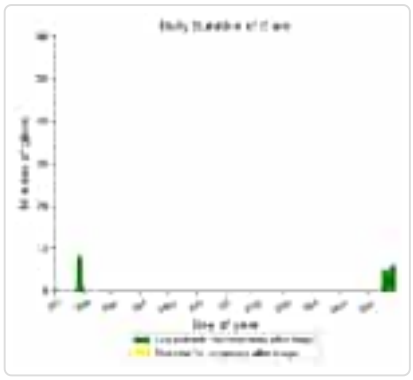


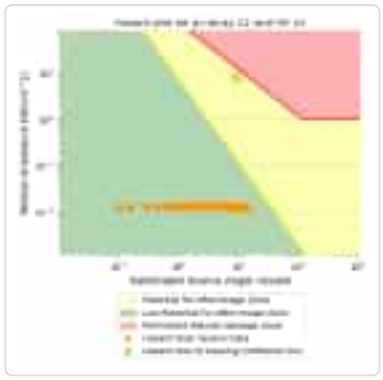
PV array 12: OP 14

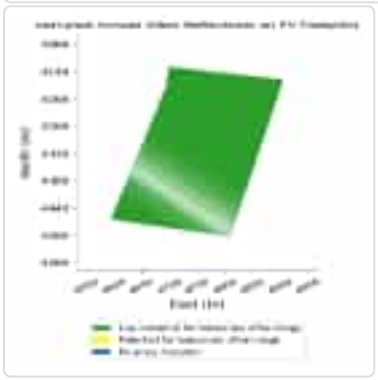
PV array is expected to produce the following glare for this receptor:

- 139 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





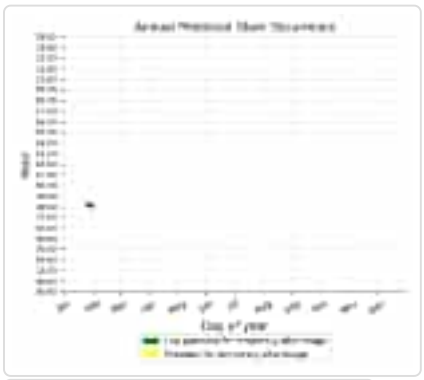


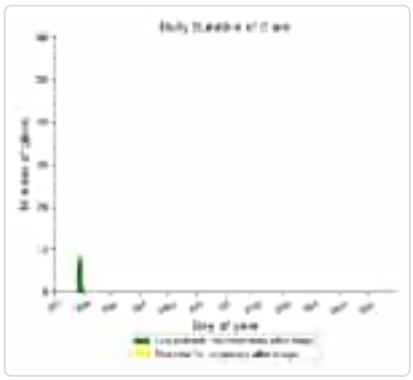


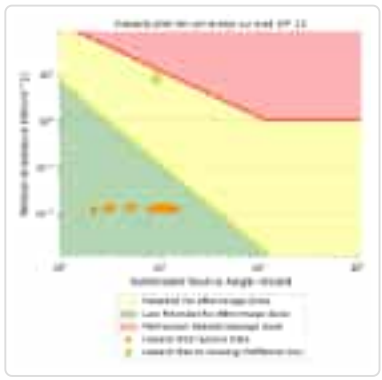
PV array 12: OP 15

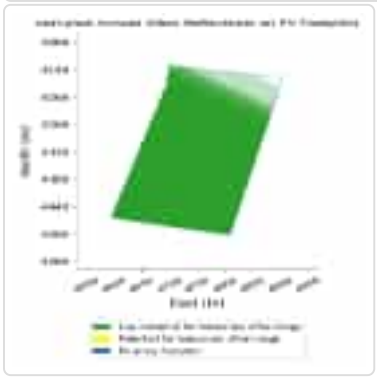
PV array is expected to produce the following glare for this receptor:

- 50 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





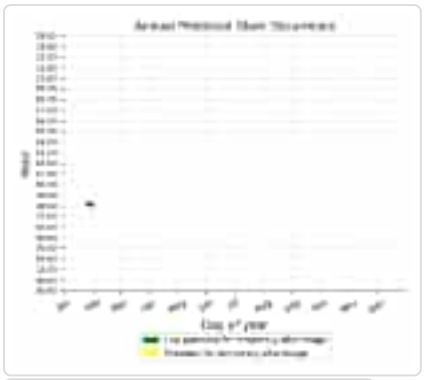


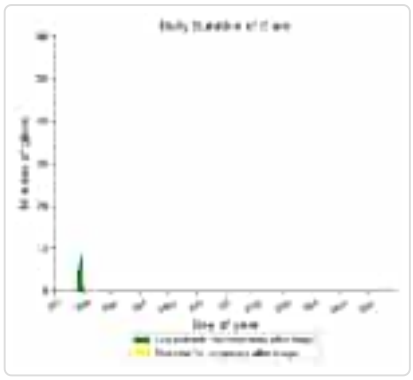


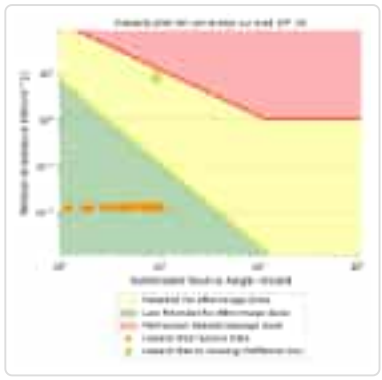
PV array 12: OP 16

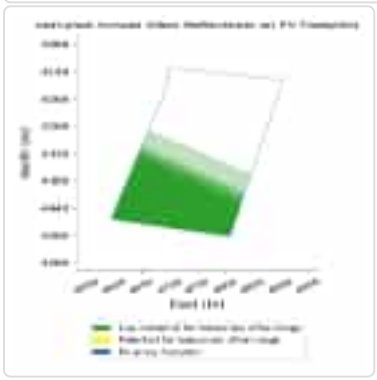
PV array is expected to produce the following glare for this receptor:

- 43 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





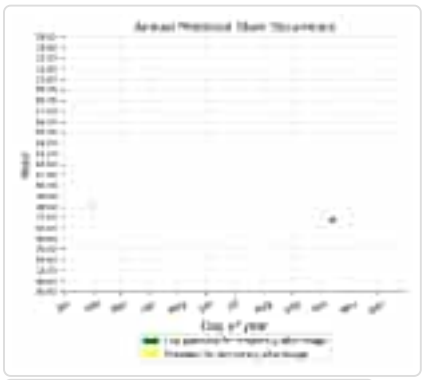


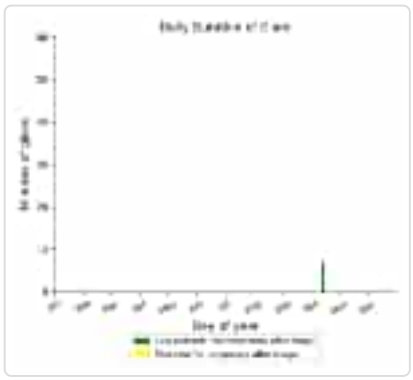


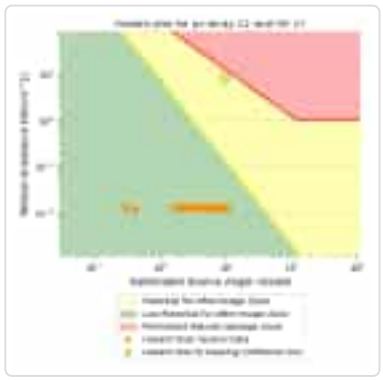
PV array 12: OP 17

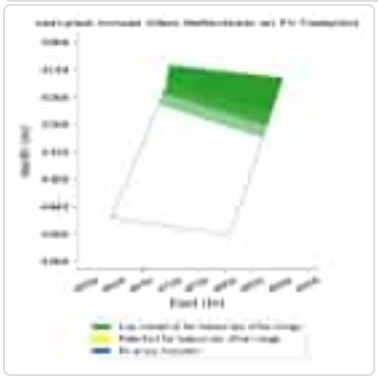
PV array is expected to produce the following glare for this receptor:

- 28 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





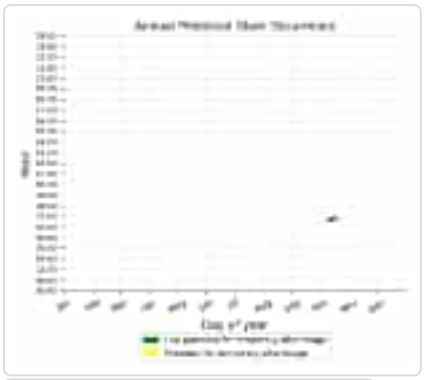


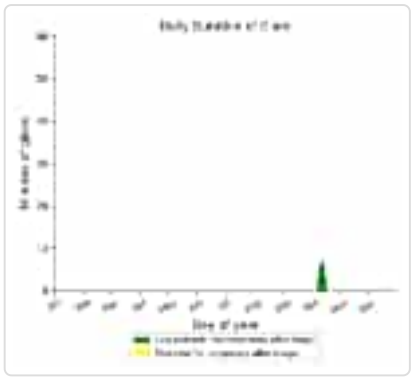


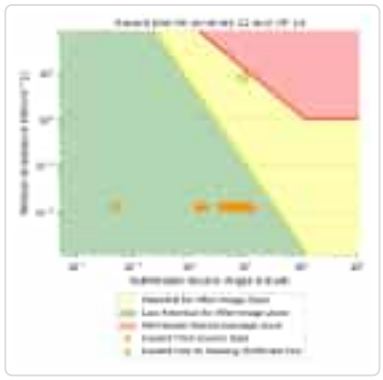
PV array 12: OP 18

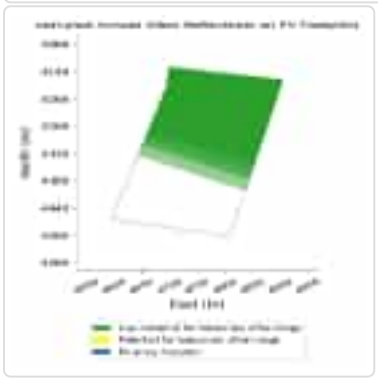
PV array is expected to produce the following glare for this receptor:

- 48 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





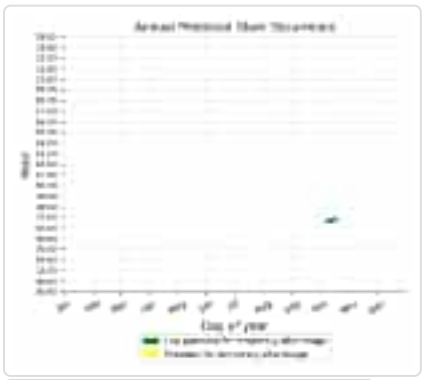


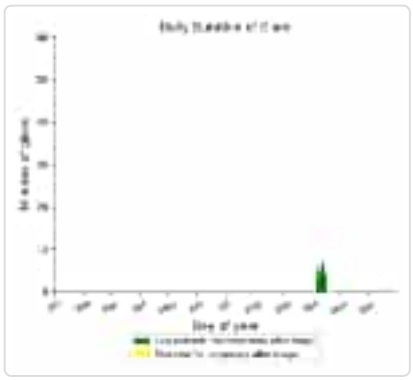


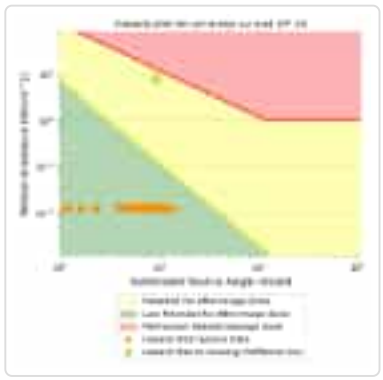
PV array 12: OP 19

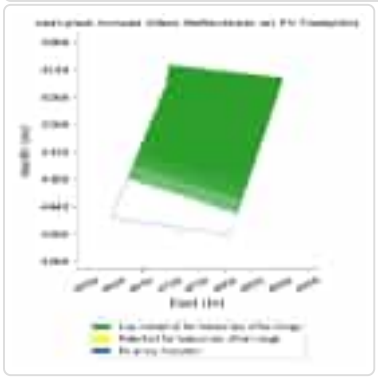
PV array is expected to produce the following glare for this receptor:

- 55 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





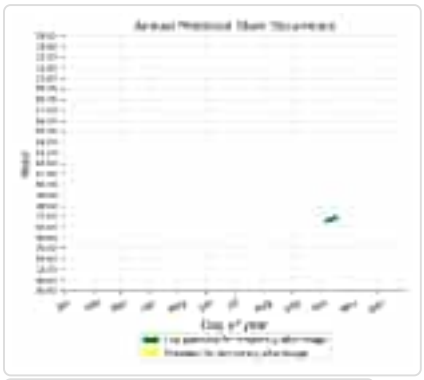


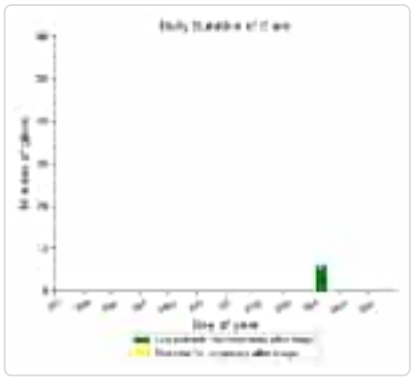


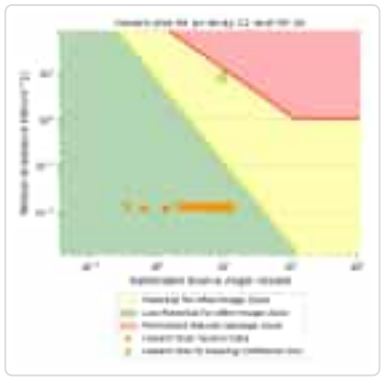
PV array 12: OP 20

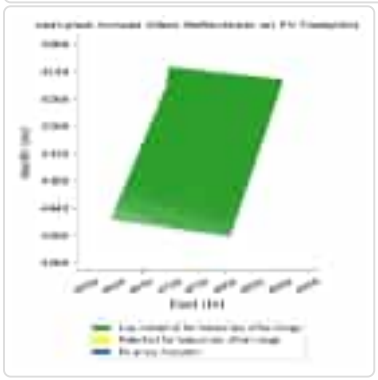
PV array is expected to produce the following glare for this receptor:

- 68 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





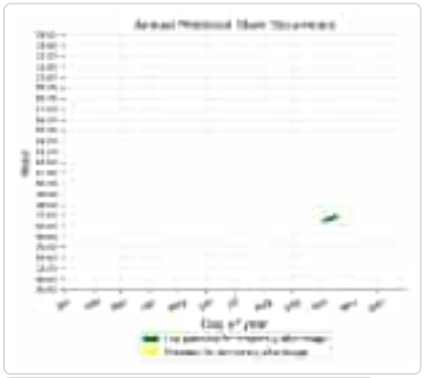


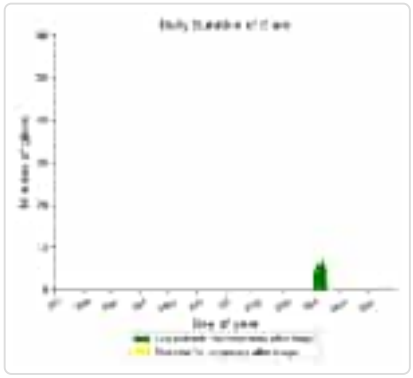


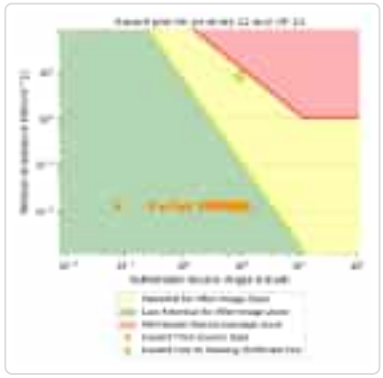
PV array 12: OP 21

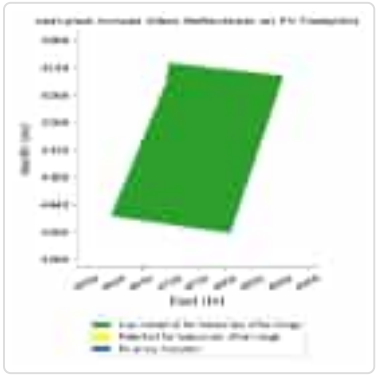
PV array is expected to produce the following glare for this receptor:

- 80 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





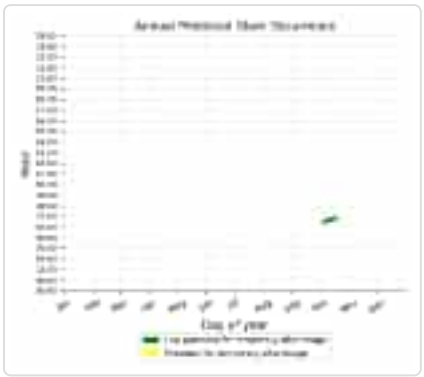


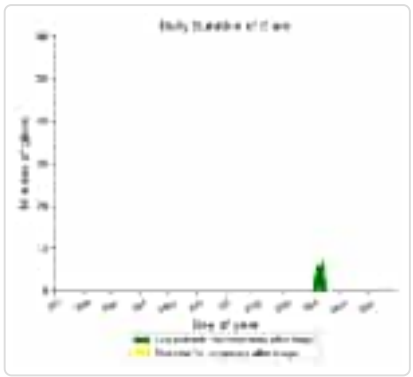


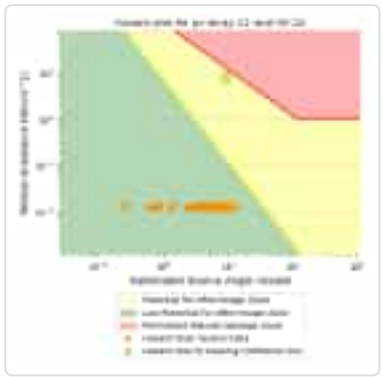
PV array 12: OP 22

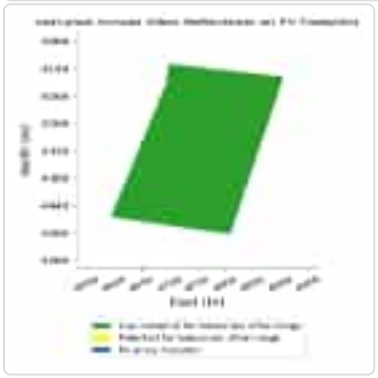
PV array is expected to produce the following glare for this receptor:

- 75 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





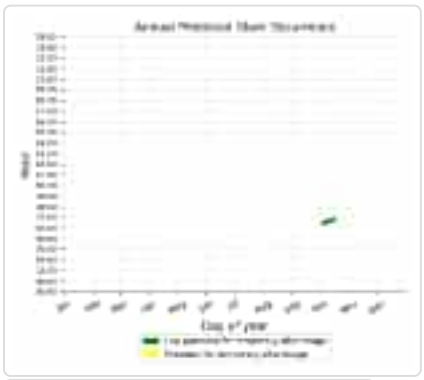


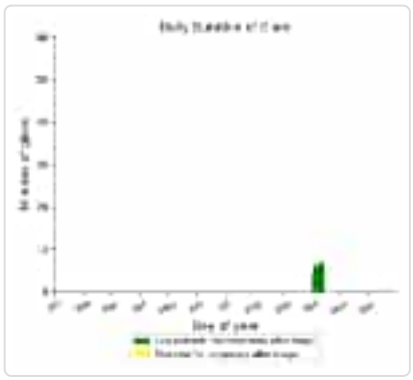


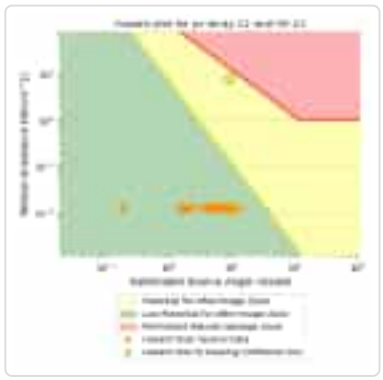
PV array 12: OP 23

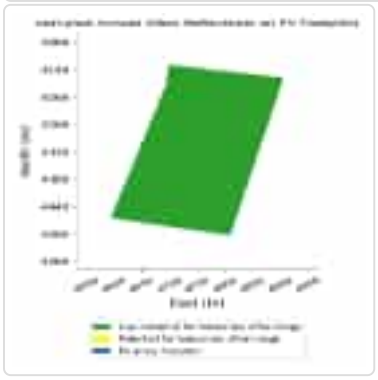
PV array is expected to produce the following glare for this receptor:

- 86 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





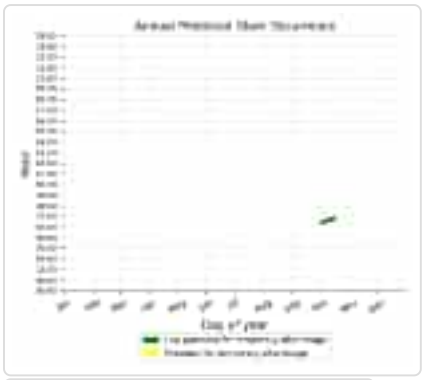


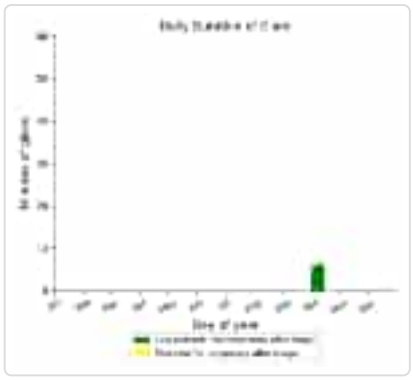


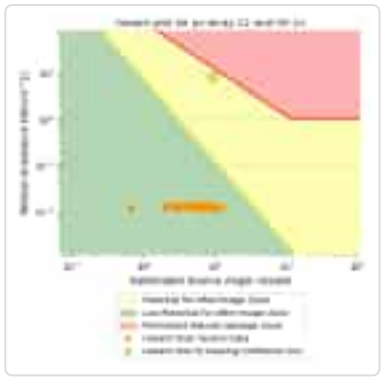
PV array 12: OP 24

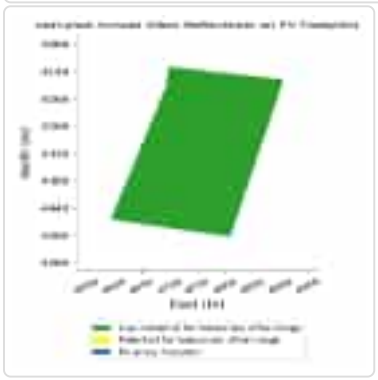
PV array is expected to produce the following glare for this receptor:

- 88 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





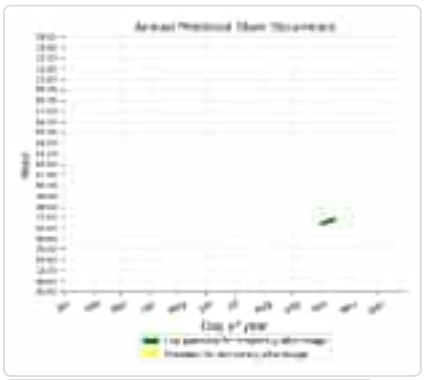


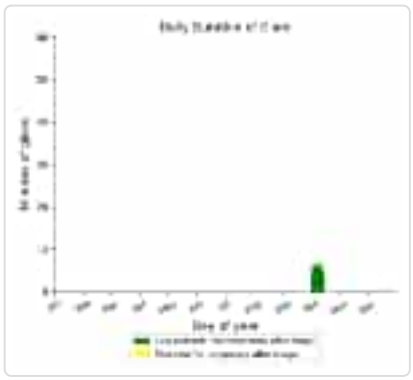


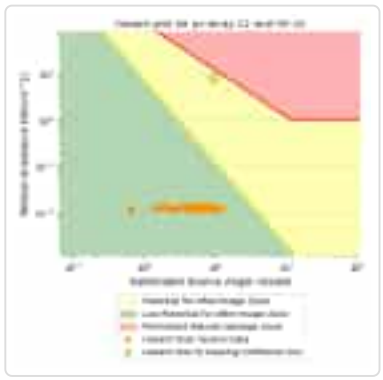
PV array 12: OP 25

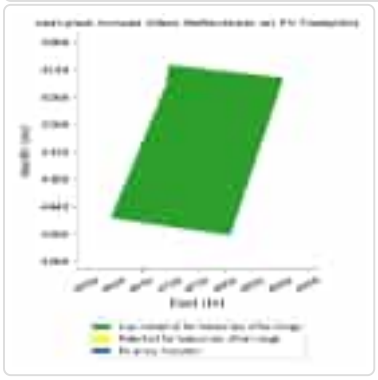
PV array is expected to produce the following glare for this receptor:

- 86 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





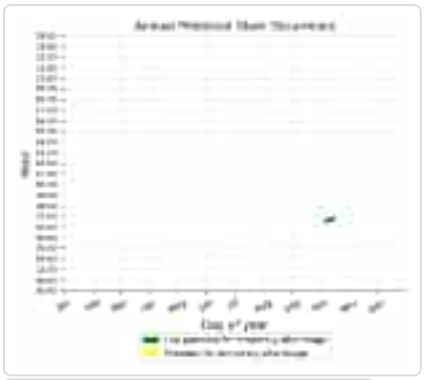


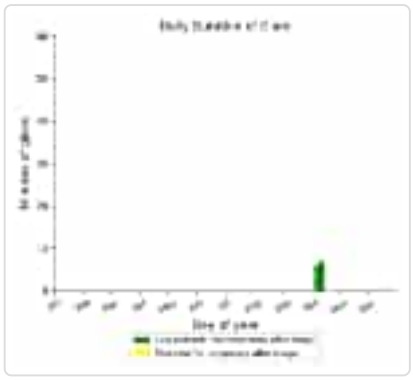


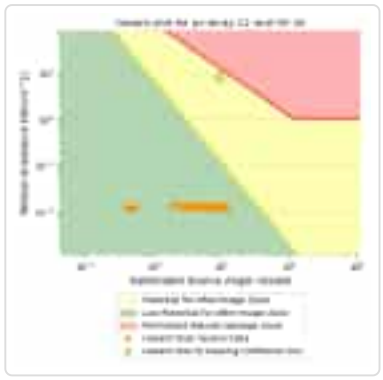
PV array 12: OP 26

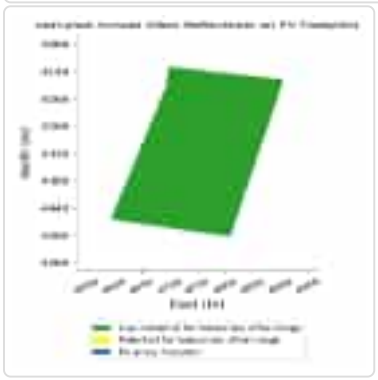
PV array is expected to produce the following glare for this receptor:

- 65 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





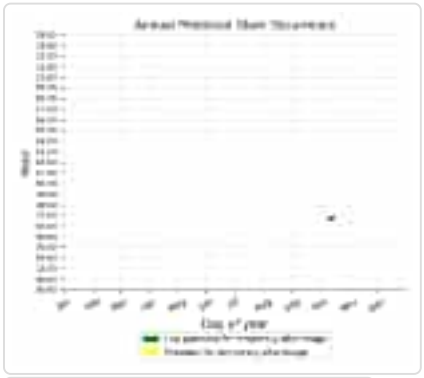


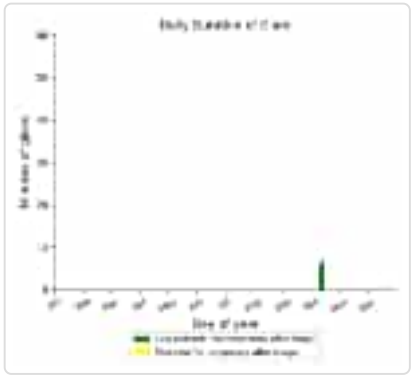


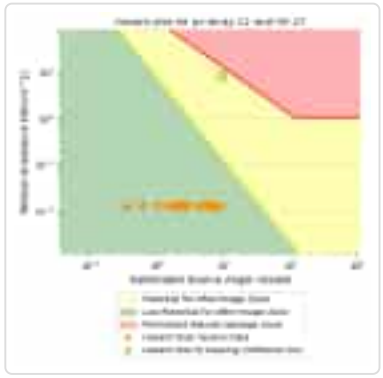
PV array 12: OP 27

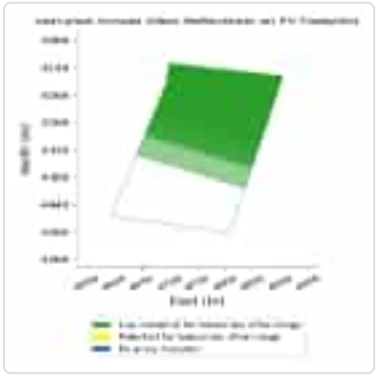
PV array is expected to produce the following glare for this receptor:

- 33 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









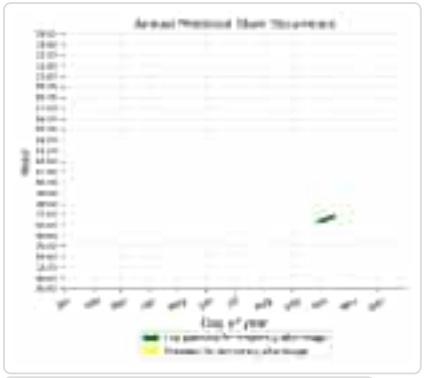
PV array 12: OP 28

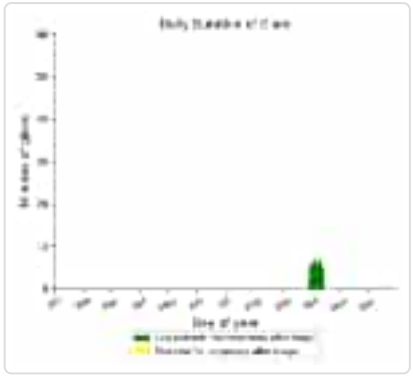
No glare found

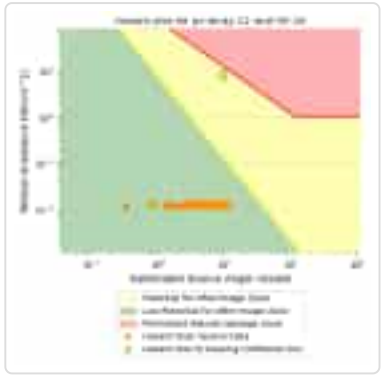
PV array 12: OP 29

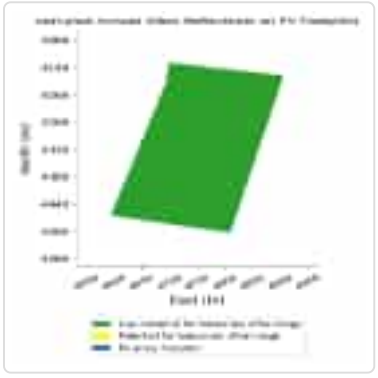
PV array is expected to produce the following glare for this receptor:

- 100 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





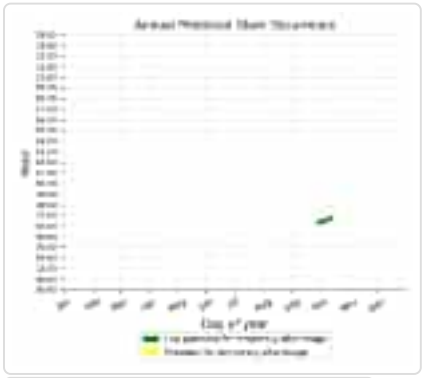


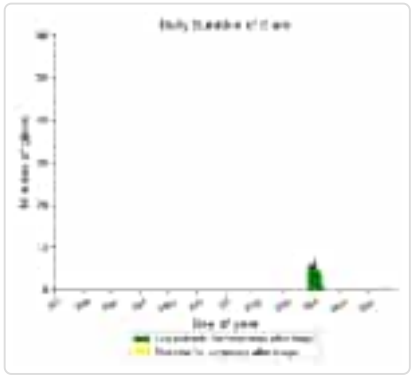


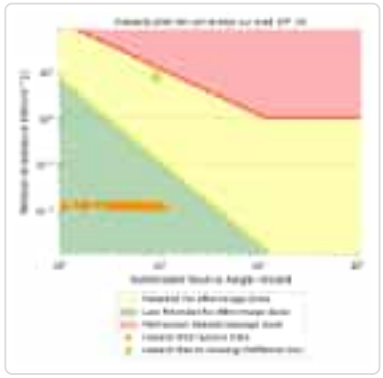
PV array 12: OP 30

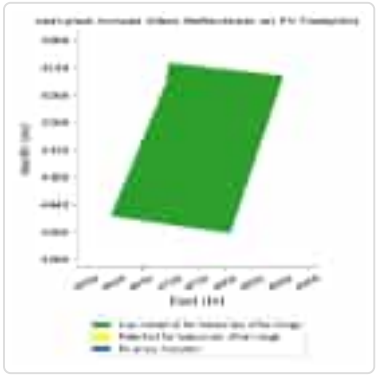
PV array is expected to produce the following glare for this receptor:

- 88 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





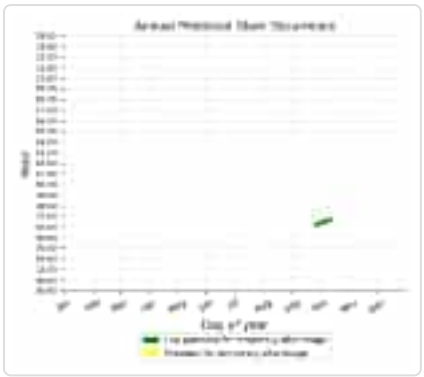


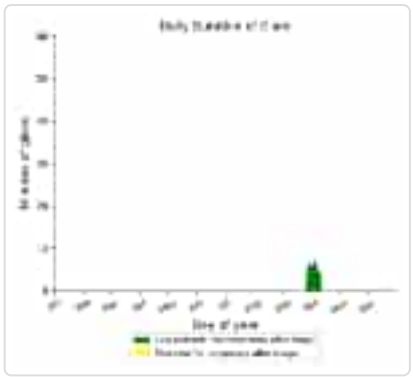


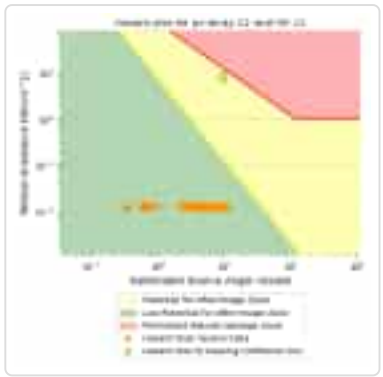
PV array 12: OP 31

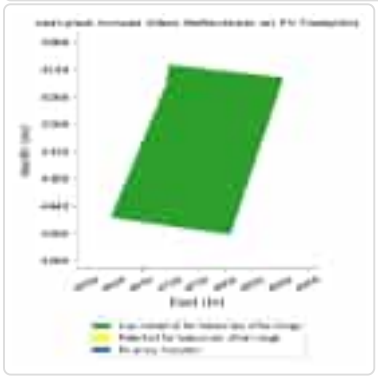
PV array is expected to produce the following glare for this receptor:

- 93 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12: OP 32

No glare found

PV array 12: OP 33

No glare found

PV array 12: OP 34

No glare found

PV array 12: OP 35

No glare found

PV array 12: OP 36

No glare found

PV array 12: OP 37

No glare found

PV array 12: OP 38

No glare found

PV array 12: OP 39

No glare found

PV array 12: OP 40

No glare found

PV array 12: OP 41

No glare found

PV array 12: OP 42

No glare found

PV array 12: OP 43

No glare found

PV array 12: OP 44

No glare found

PV array 12: OP 45

No glare found

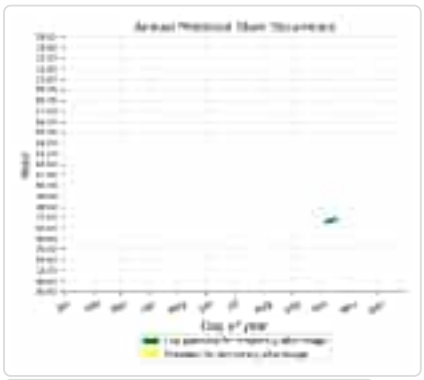
PV array 12: OP 46

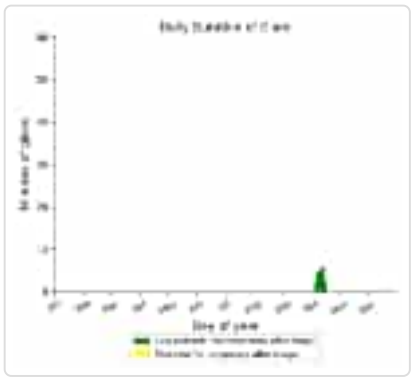
No glare found

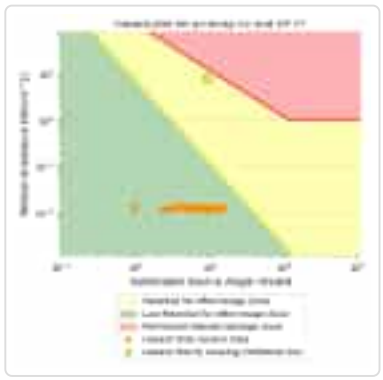
PV array 12: OP 47

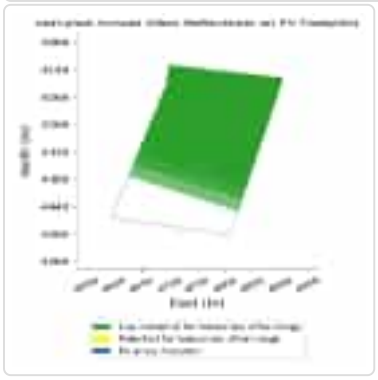
PV array is expected to produce the following glare for this receptor:

- 55 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





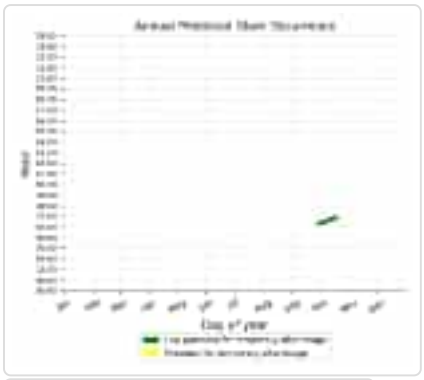


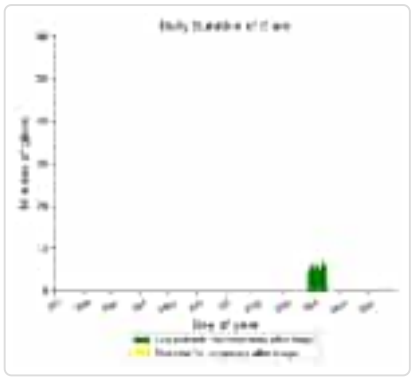


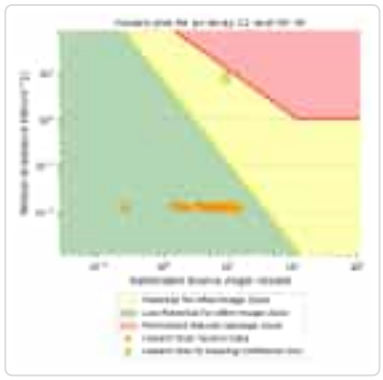
PV array 12: OP 48

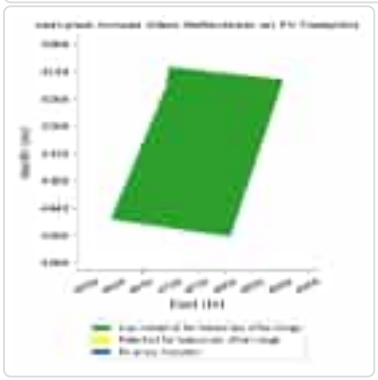
PV array is expected to produce the following glare for this receptor:

- 118 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





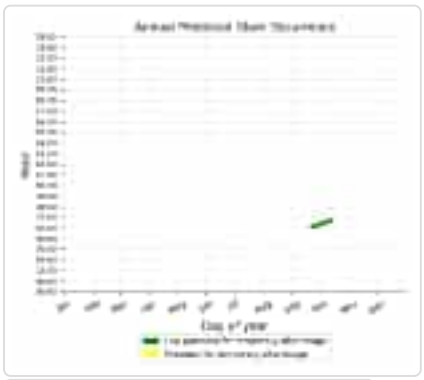


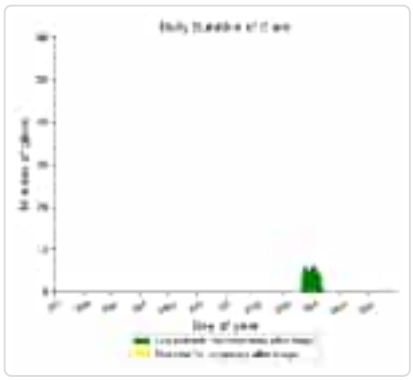


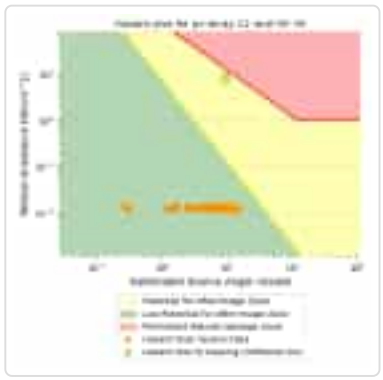
PV array 12: OP 49

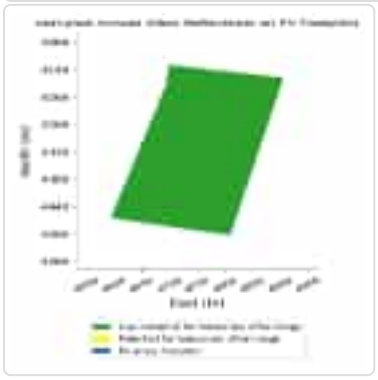
PV array is expected to produce the following glare for this receptor:

- 120 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





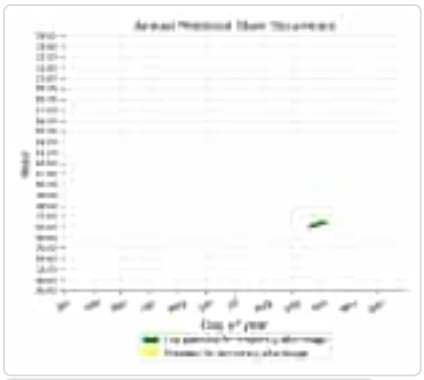


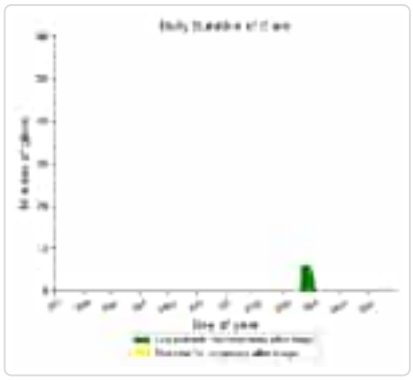


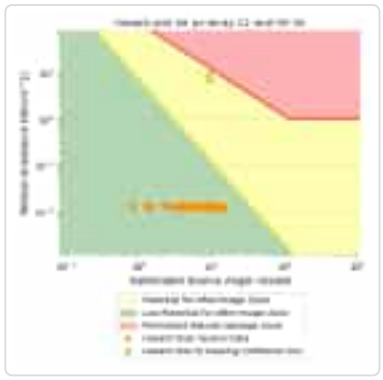
PV array 12: OP 50

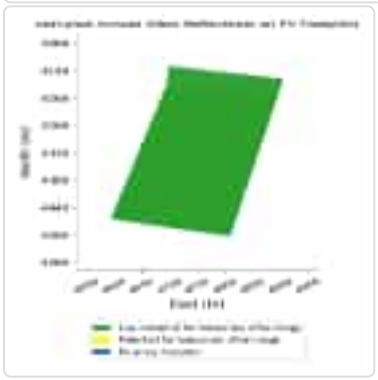
PV array is expected to produce the following glare for this receptor:

- 82 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





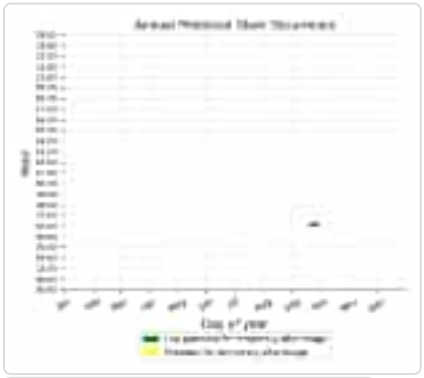


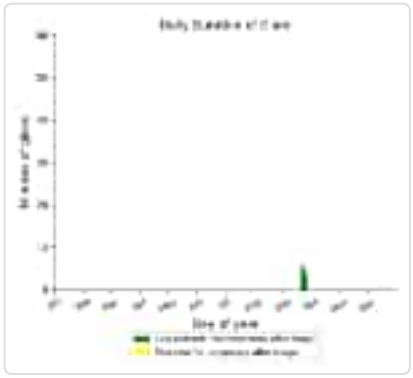


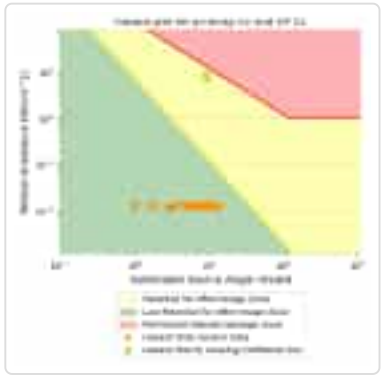
PV array 12: OP 51

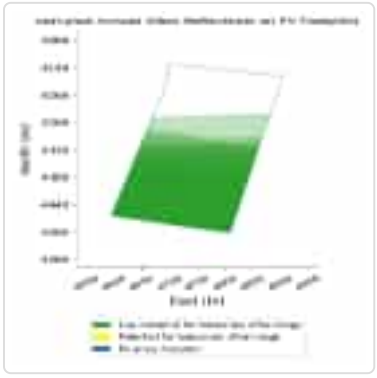
PV array is expected to produce the following glare for this receptor:

- 36 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





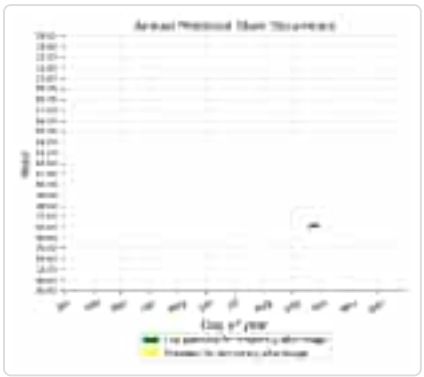


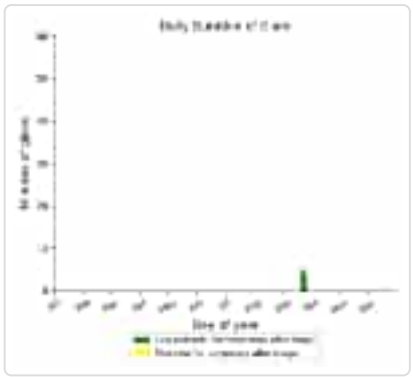


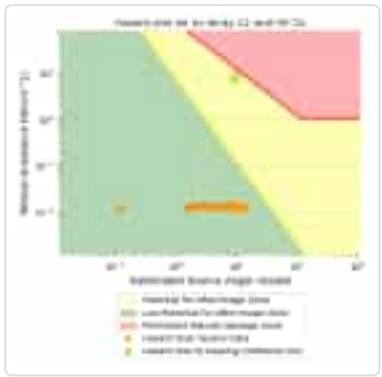
PV array 12: OP 52

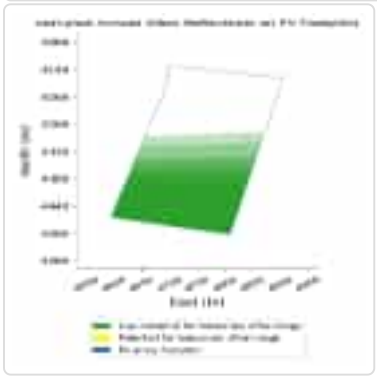
PV array is expected to produce the following glare for this receptor:

- 31 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





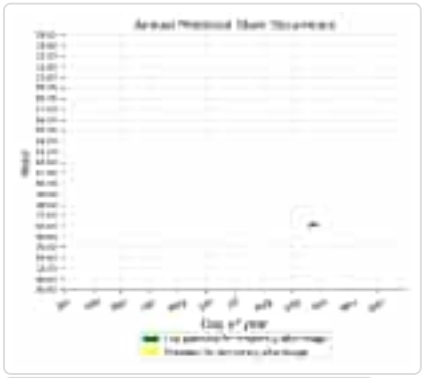


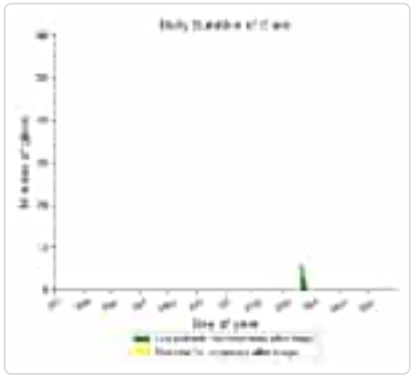


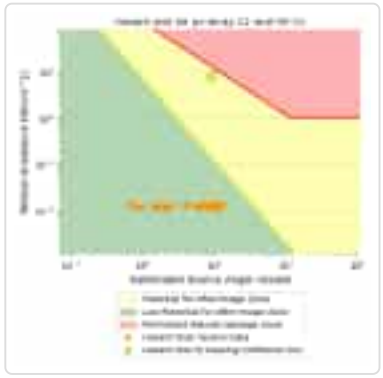
PV array 12: OP 53

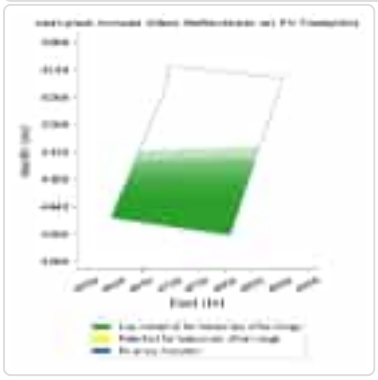
PV array is expected to produce the following glare for this receptor:

- 27 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





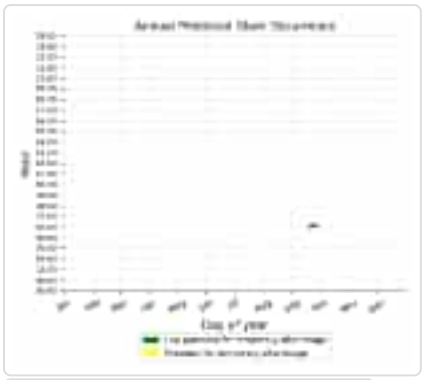


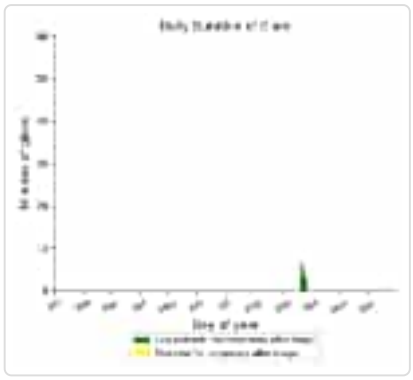


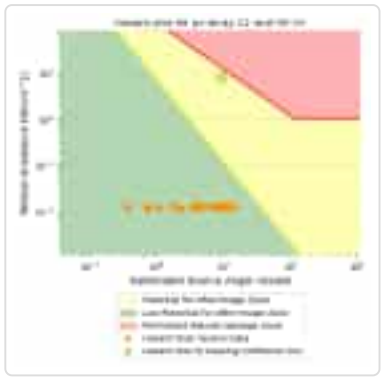
PV array 12: OP 54

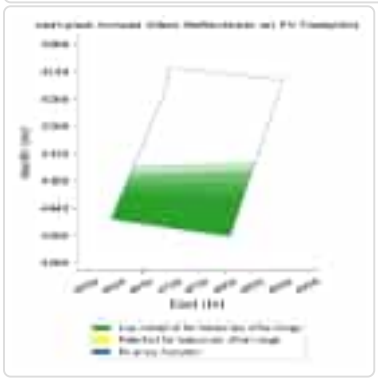
PV array is expected to produce the following glare for this receptor:

- 35 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12: OP 55

No glare found

PV array 12: OP 56

No glare found

PV array 12: OP 57

No glare found

PV array 12: OP 58

No glare found

PV array 12: OP 59

No glare found

PV array 12: OP 60

No glare found

PV array 12: OP 61

No glare found

PV array 12: OP 62

No glare found

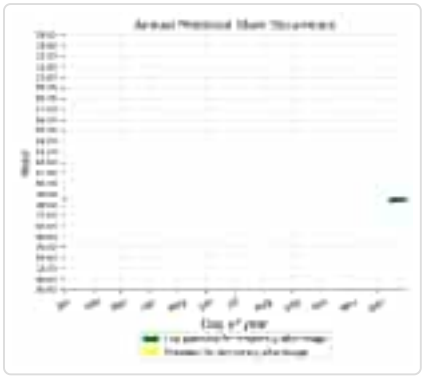
PV array 12: OP 63

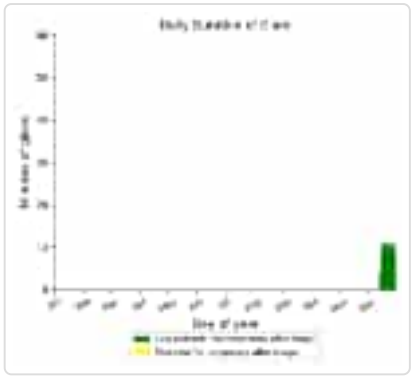
No glare found

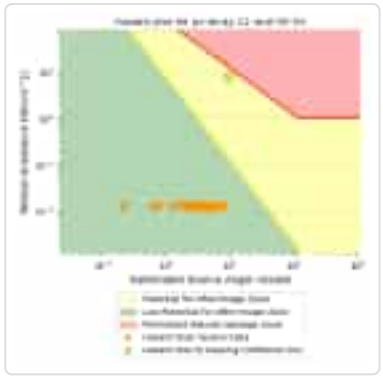
PV array 12: OP 64

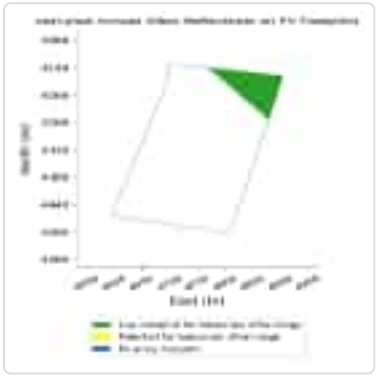
PV array is expected to produce the following glare for this receptor:

- 180 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





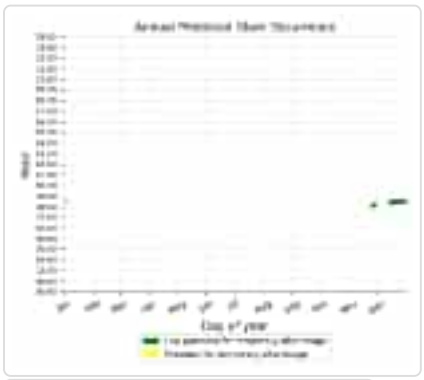


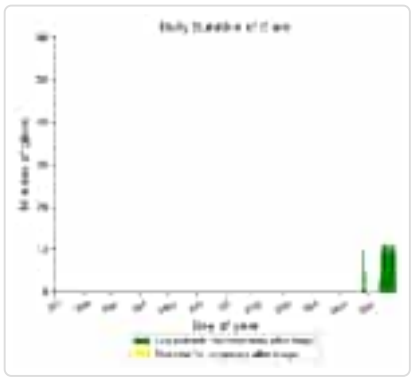


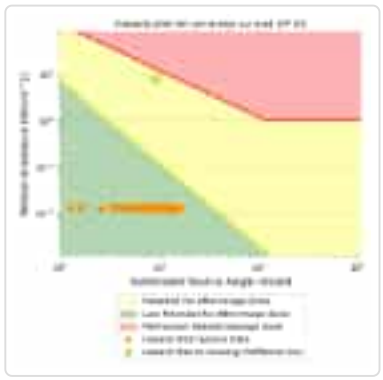
PV array 12: OP 65

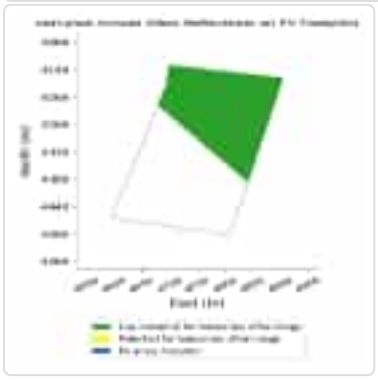
PV array is expected to produce the following glare for this receptor:

- 202 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





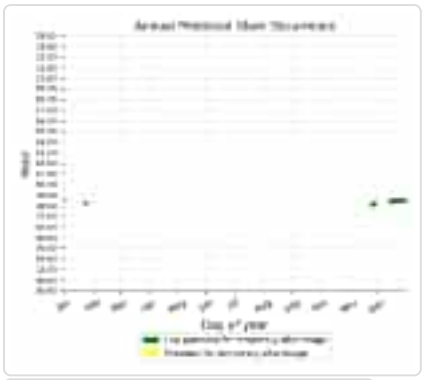


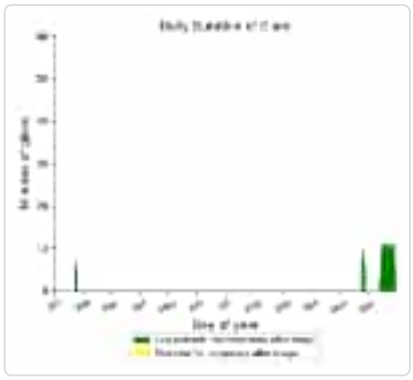


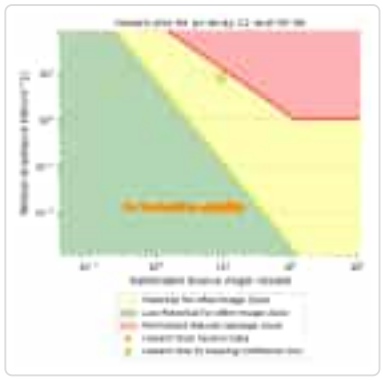
PV array 12: OP 66

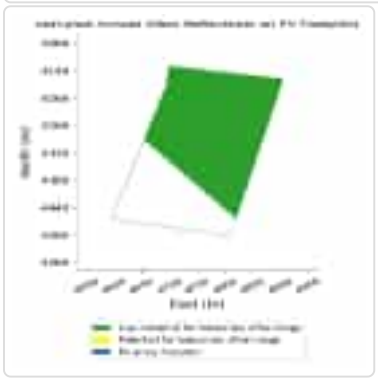
PV array is expected to produce the following glare for this receptor:

- 226 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





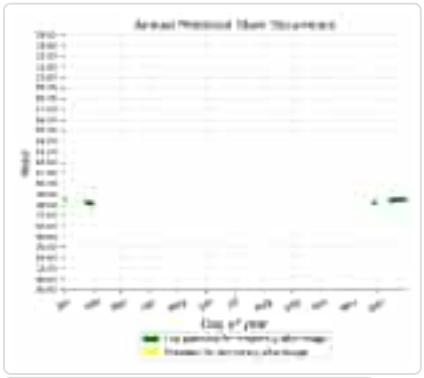


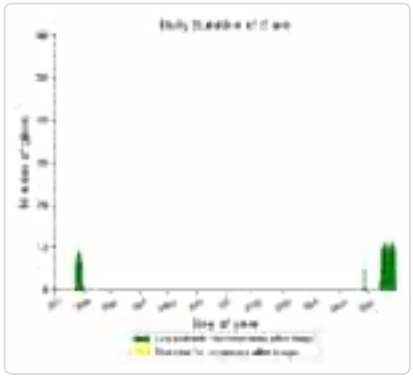


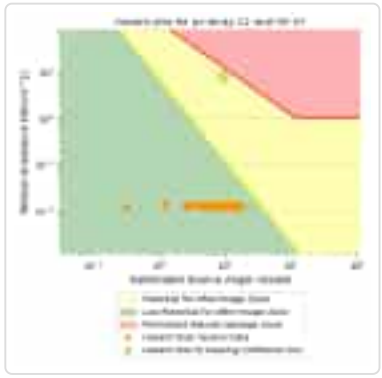
PV array 12: OP 67

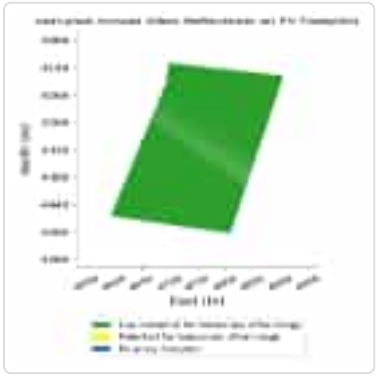
PV array is expected to produce the following glare for this receptor:

- 252 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





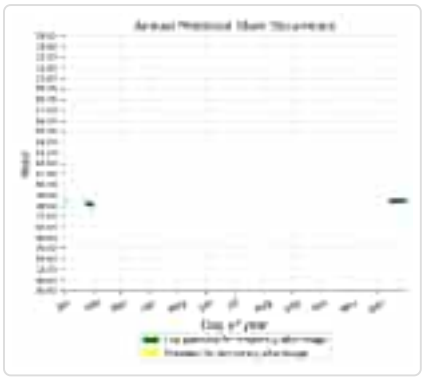


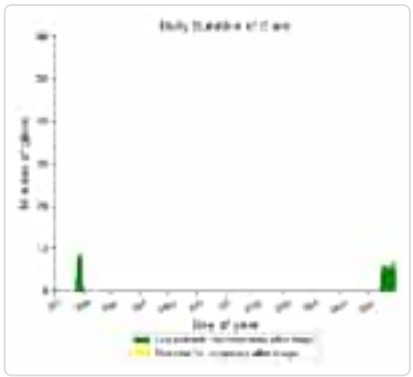


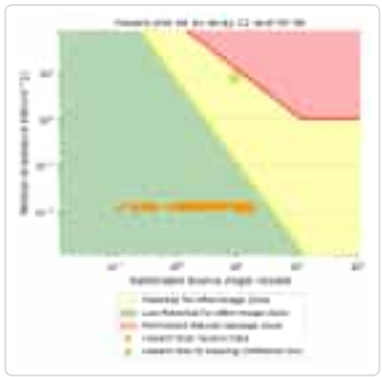
PV array 12: OP 68

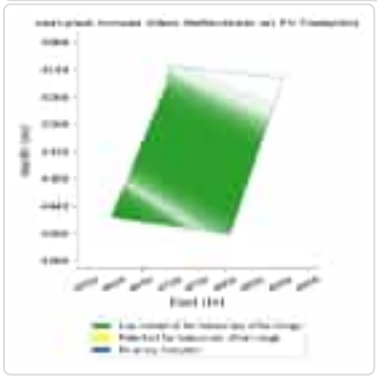
PV array is expected to produce the following glare for this receptor:

- 158 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





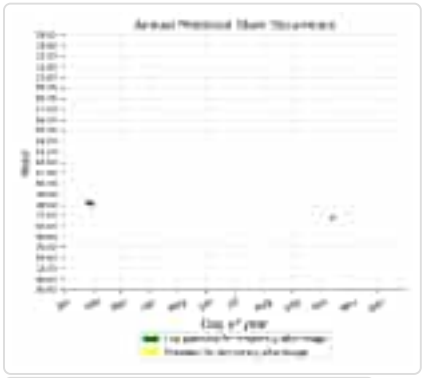


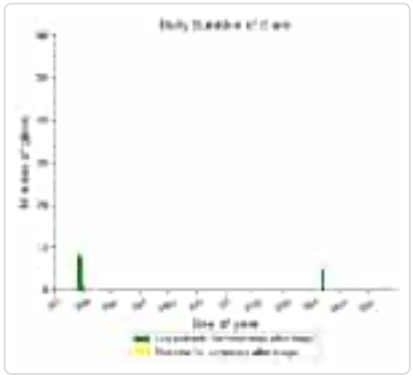


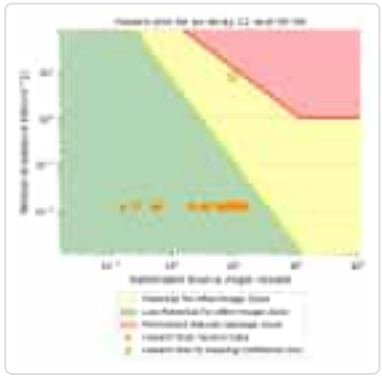
PV array 12: OP 69

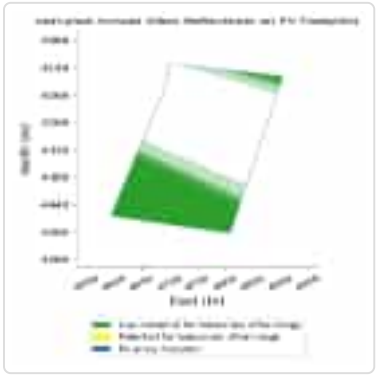
PV array is expected to produce the following glare for this receptor:

- 59 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





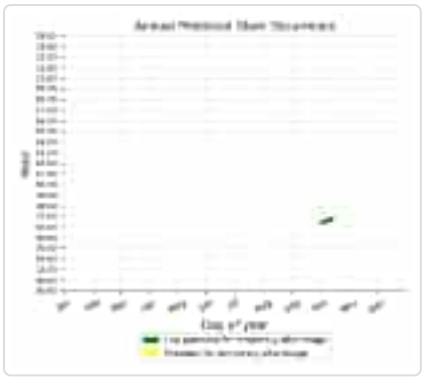


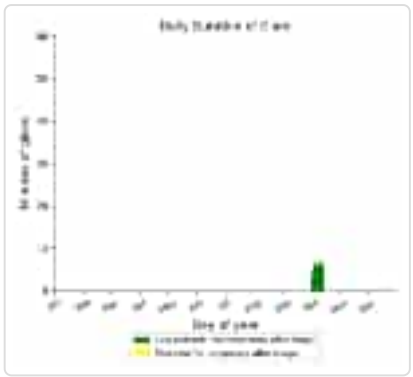


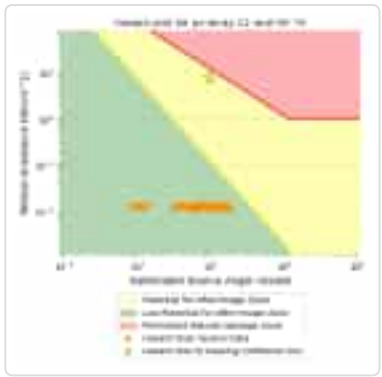
PV array 12: OP 70

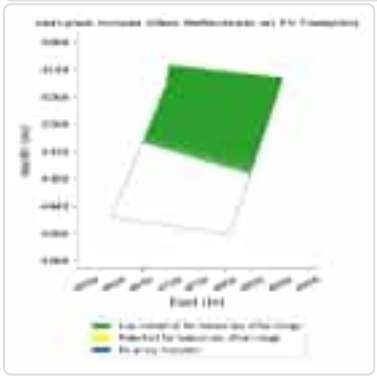
PV array is expected to produce the following glare for this receptor:

- 79 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





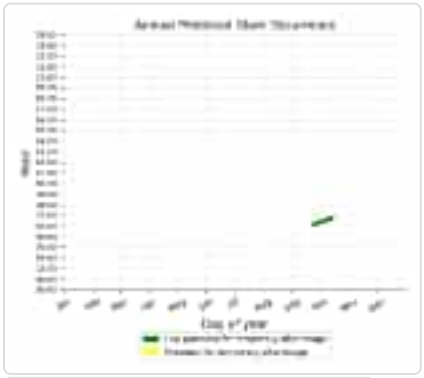


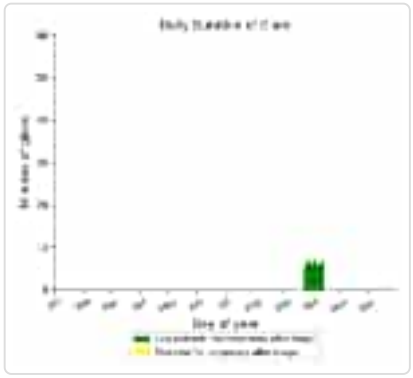


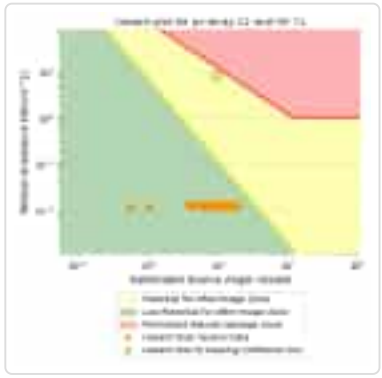
PV array 12: OP 71

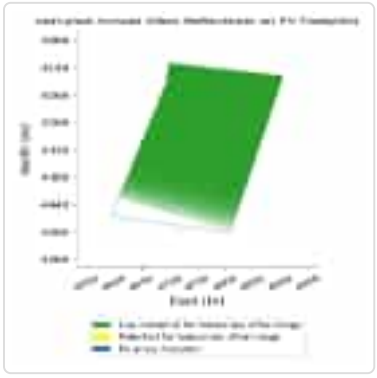
PV array is expected to produce the following glare for this receptor:

- 133 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





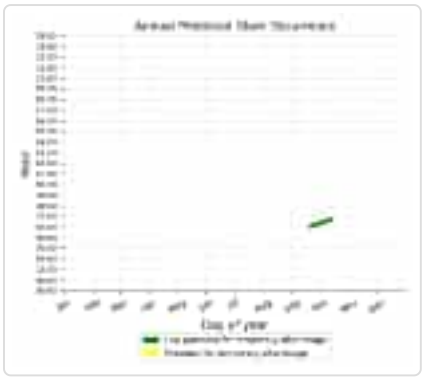


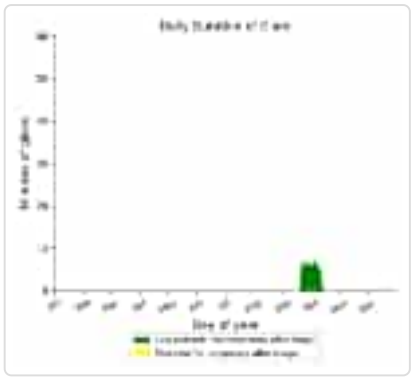


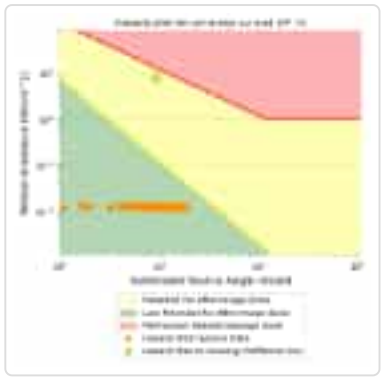
PV array 12: OP 72

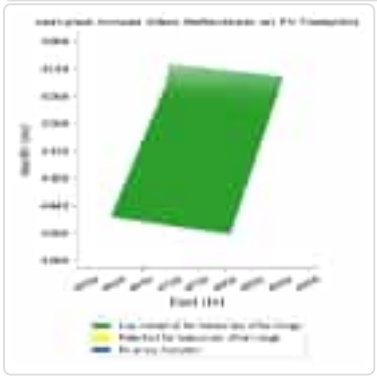
PV array is expected to produce the following glare for this receptor:

- 145 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





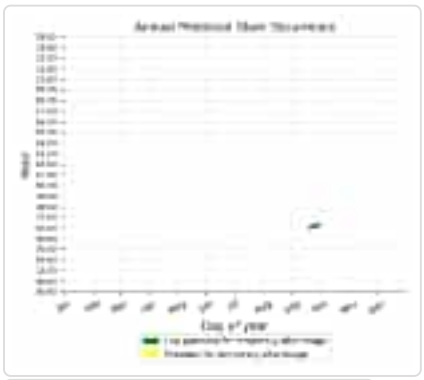


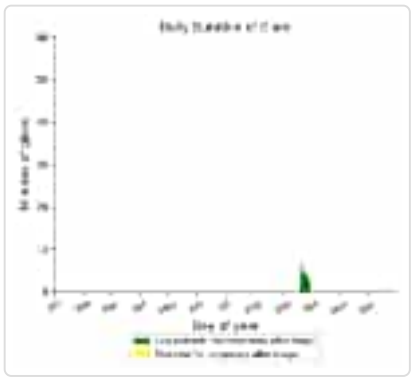


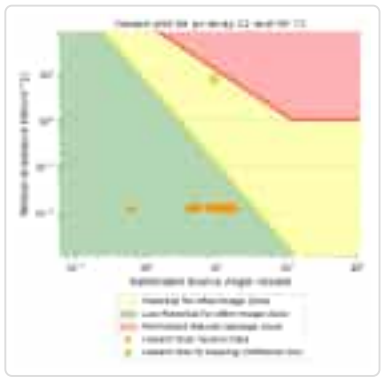
PV array 12: OP 73

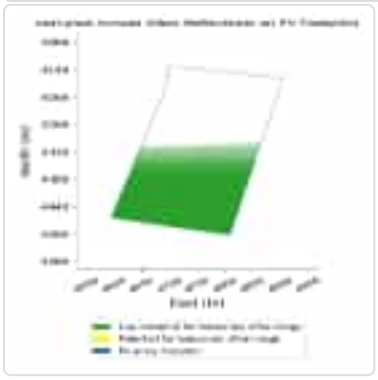
PV array is expected to produce the following glare for this receptor:

- 46 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 13 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0

OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	29	0
OP: OP 30	0	0
OP: OP 31	102	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	121	0
OP: OP 54	131	0
OP: OP 55	165	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	18	0
OP: OP 64	24	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	81	0
OP: OP 71	121	0
OP: OP 72	58	0
OP: OP 73	106	0

PV array 13: OP 1

No glare found

PV array 13: OP 2

No glare found

PV array 13: OP 3

No glare found

PV array 13: OP 4

No glare found

PV array 13: OP 5

No glare found

PV array 13: OP 6

No glare found

PV array 13: OP 7

No glare found

PV array 13: OP 8

No glare found

PV array 13: OP 9

No glare found

PV array 13: OP 10

No glare found

PV array 13: OP 11

No glare found

PV array 13: OP 12

No glare found

PV array 13: OP 13

No glare found

PV array 13: OP 14

No glare found

PV array 13: OP 15

No glare found

PV array 13: OP 16

No glare found

PV array 13: OP 17

No glare found

PV array 13: OP 18

No glare found

PV array 13: OP 19

No glare found

PV array 13: OP 20

No glare found

PV array 13: OP 21

No glare found

PV array 13: OP 22

No glare found

PV array 13: OP 23

No glare found

PV array 13: OP 24

No glare found

PV array 13: OP 25

No glare found

PV array 13: OP 26

No glare found

PV array 13: OP 27

No glare found

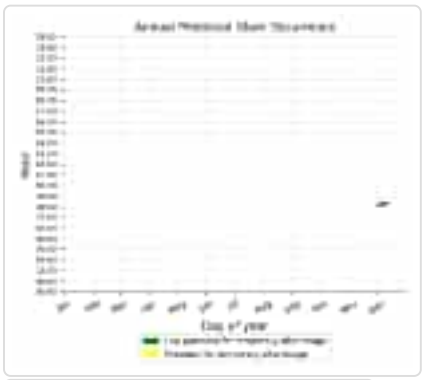
PV array 13: OP 28

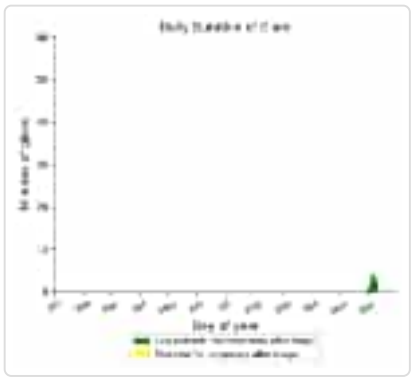
No glare found

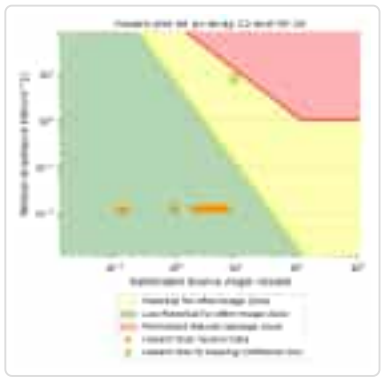
PV array 13: OP 29

PV array is expected to produce the following glare for this receptor:

- 29 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







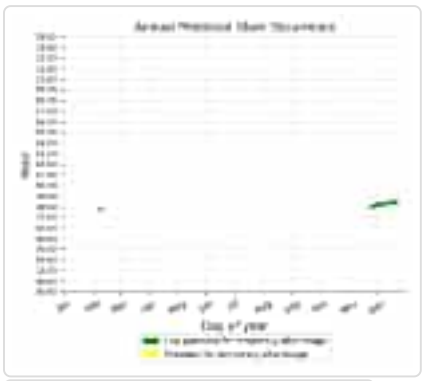
PV array 13: OP 30

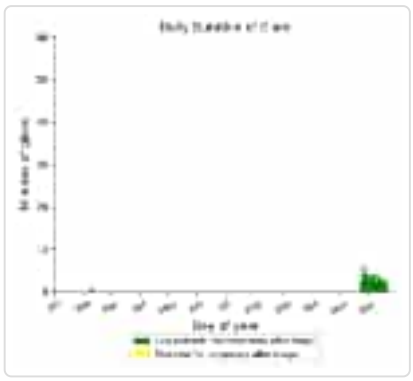
No glare found

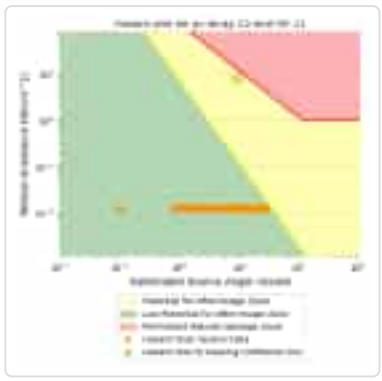
PV array 13: OP 31

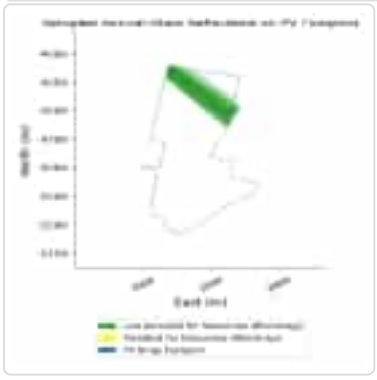
PV array is expected to produce the following glare for this receptor:

- 102 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 13: OP 32

No glare found

PV array 13: OP 33

No glare found

PV array 13: OP 34

No glare found

PV array 13: OP 35

No glare found

PV array 13: OP 36

No glare found

PV array 13: OP 37

No glare found

PV array 13: OP 38

No glare found

PV array 13: OP 39

No glare found

PV array 13: OP 40

No glare found

PV array 13: OP 41

No glare found

PV array 13: OP 42

No glare found

PV array 13: OP 43

No glare found

PV array 13: OP 44

No glare found

PV array 13: OP 45

No glare found

PV array 13: OP 46

No glare found

PV array 13: OP 47

No glare found

PV array 13: OP 48

No glare found

PV array 13: OP 49

No glare found

PV array 13: OP 50

No glare found

PV array 13: OP 51

No glare found

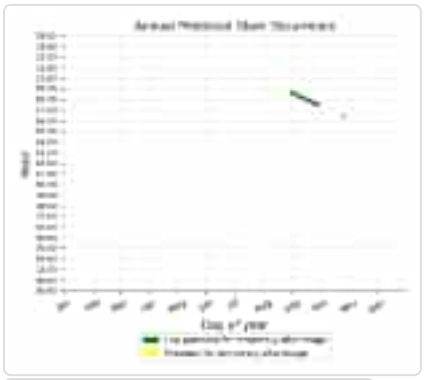
PV array 13: OP 52

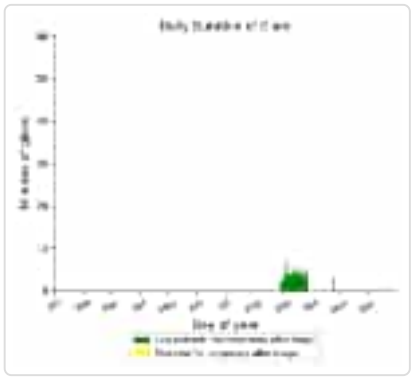
No glare found

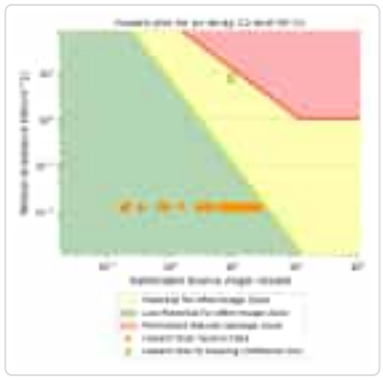
PV array 13: OP 53

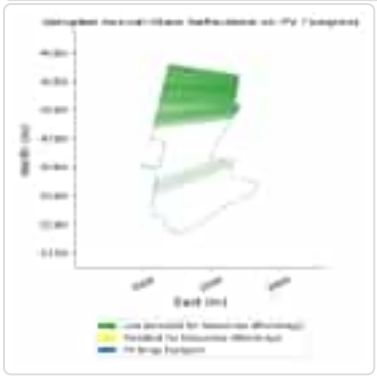
PV array is expected to produce the following glare for this receptor:

- 121 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





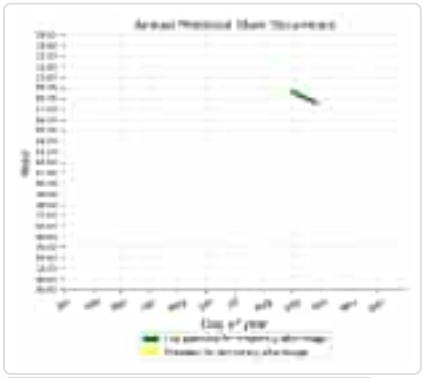


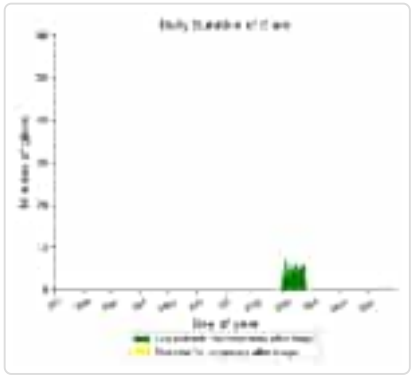


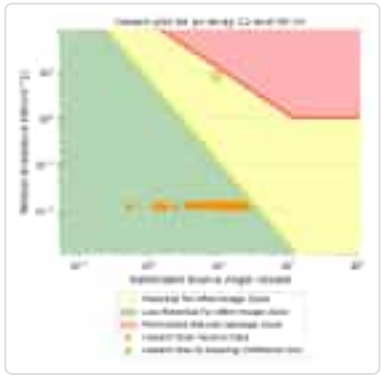
PV array 13: OP 54

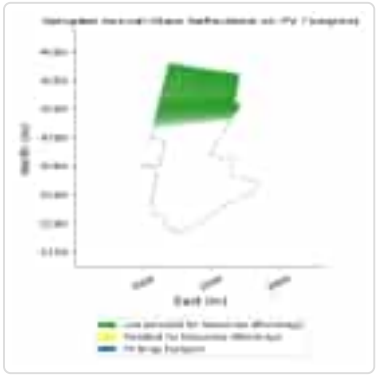
PV array is expected to produce the following glare for this receptor:

- 131 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





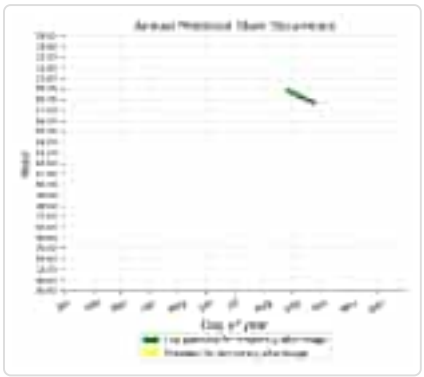


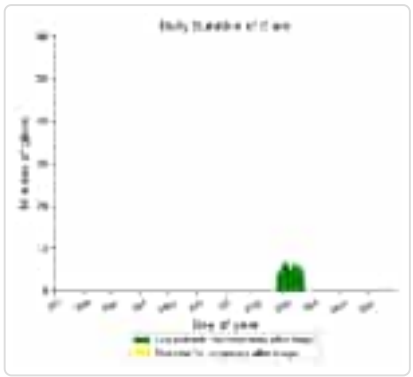


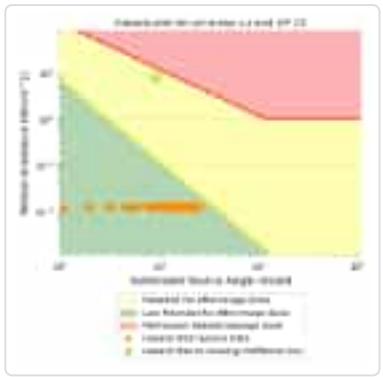
PV array 13: OP 55

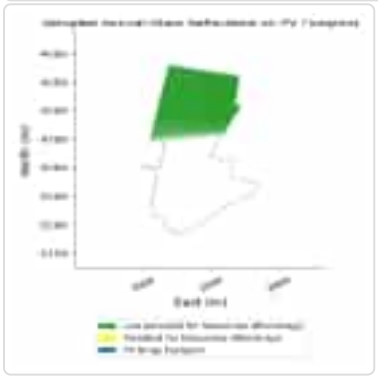
PV array is expected to produce the following glare for this receptor:

- 165 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 13: OP 56

No glare found

PV array 13: OP 57

No glare found

PV array 13: OP 58

No glare found

PV array 13: OP 59

No glare found

PV array 13: OP 60

No glare found

PV array 13: OP 61

No glare found

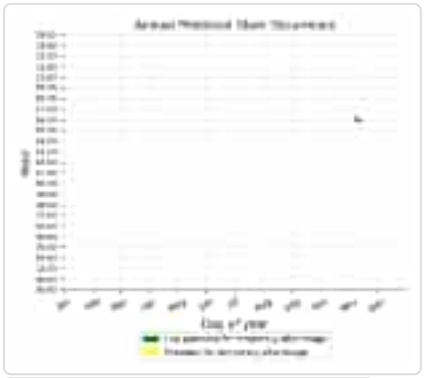
PV array 13: OP 62

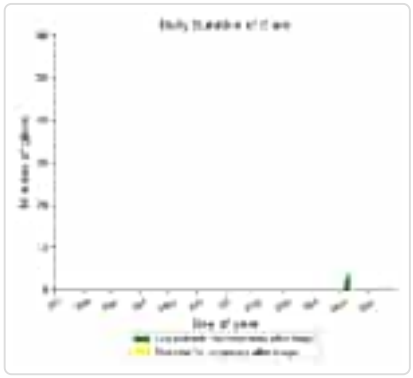
No glare found

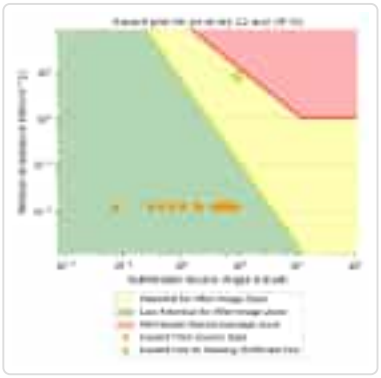
PV array 13: OP 63

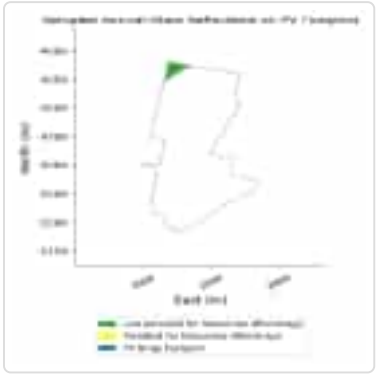
PV array is expected to produce the following glare for this receptor:

- 18 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





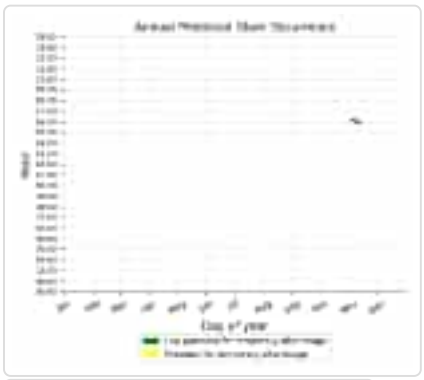


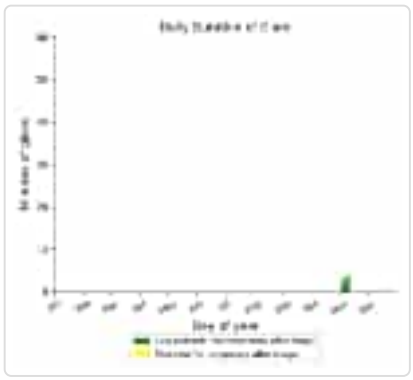


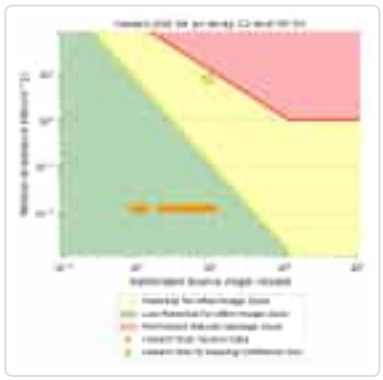
PV array 13: OP 64

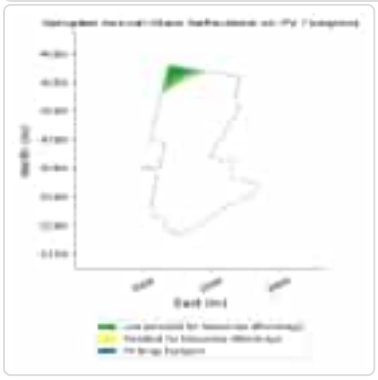
PV array is expected to produce the following glare for this receptor:

- 24 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 13: OP 65

No glare found

PV array 13: OP 66

No glare found

PV array 13: OP 67

No glare found

PV array 13: OP 68

No glare found

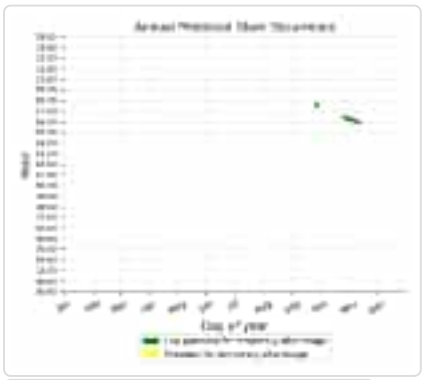
PV array 13: OP 69

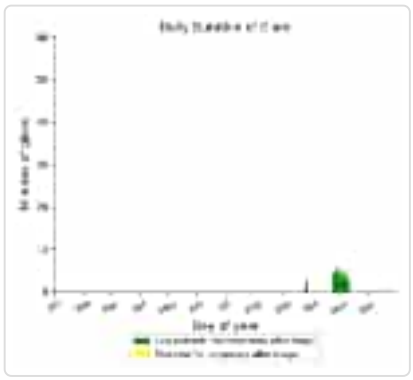
No glare found

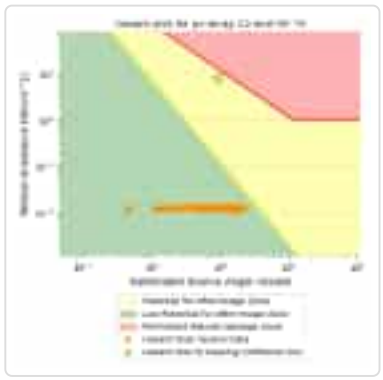
PV array 13: OP 70

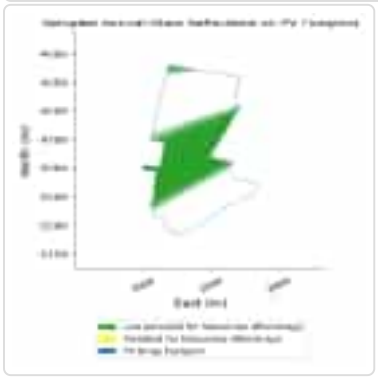
PV array is expected to produce the following glare for this receptor:

- 81 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





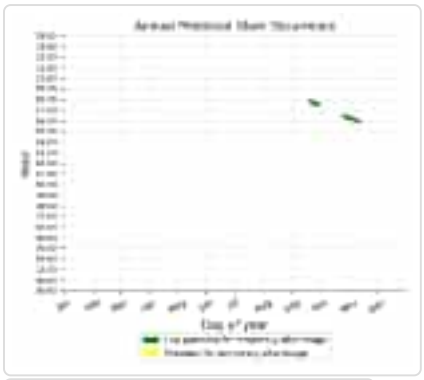


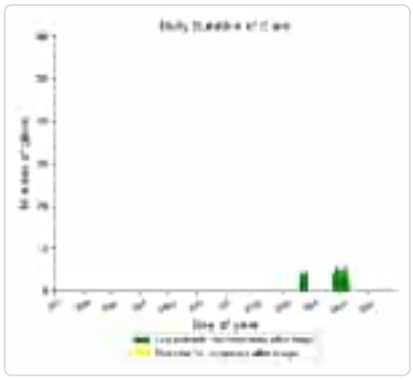


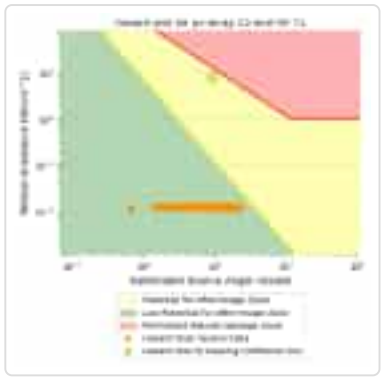
PV array 13: OP 71

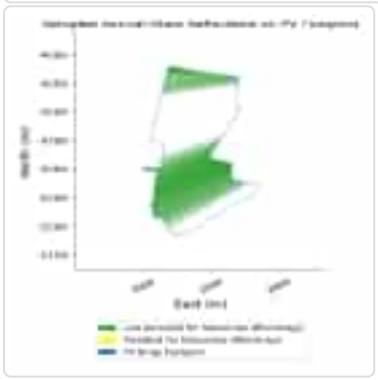
PV array is expected to produce the following glare for this receptor:

- 121 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





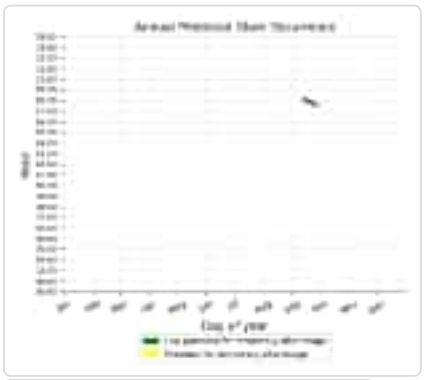


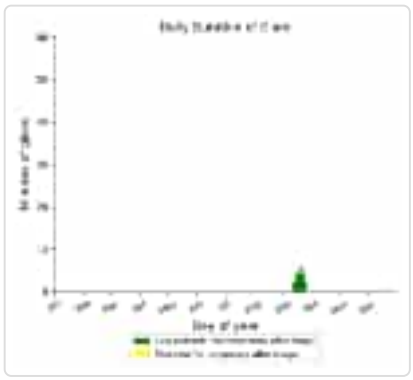


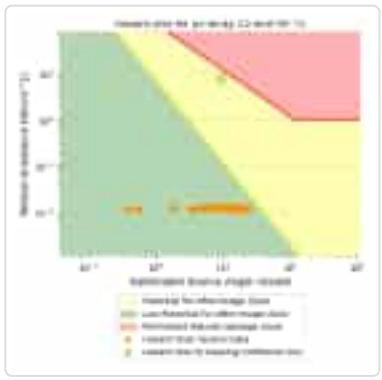
PV array 13: OP 72

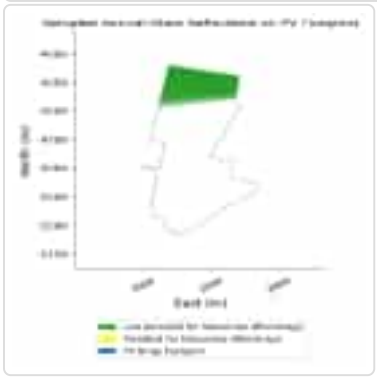
PV array is expected to produce the following glare for this receptor:

- 58 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





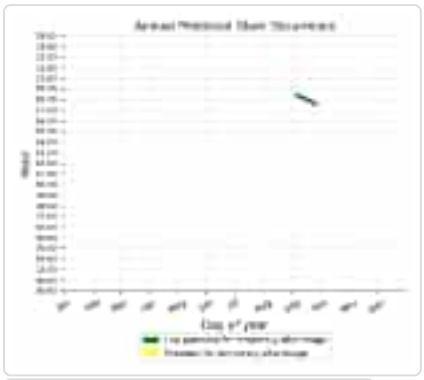


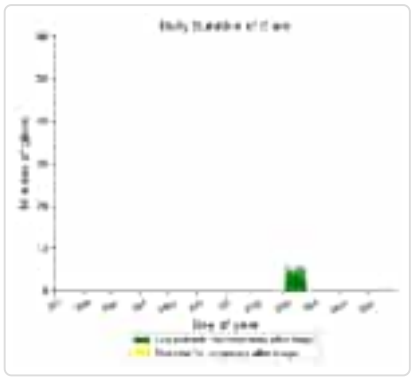


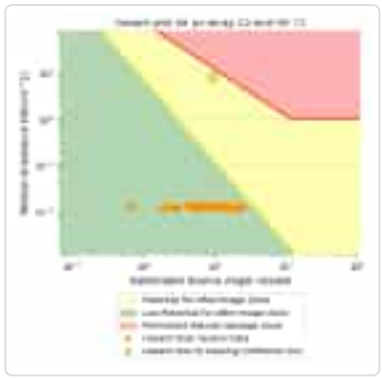
PV array 13: OP 73

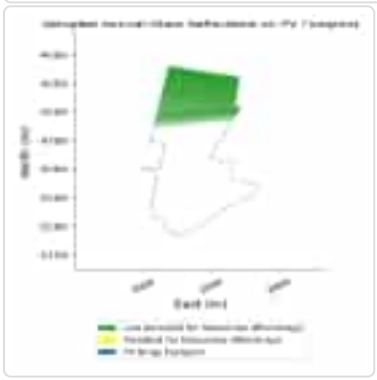
PV array is expected to produce the following glare for this receptor:

- 106 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)

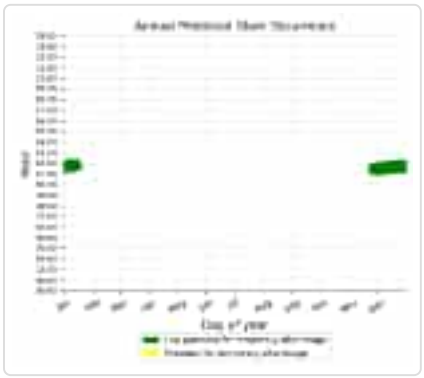
OP: OP 1	3033	0
OP: OP 2	2255	0
OP: OP 3	1691	0
OP: OP 4	1644	0
OP: OP 5	1387	0
OP: OP 6	1027	0
OP: OP 7	707	0
OP: OP 8	632	0
OP: OP 9	593	0
OP: OP 10	517	0
OP: OP 11	1423	0
OP: OP 12	1710	0
OP: OP 13	2427	64
OP: OP 14	2228	1
OP: OP 15	2050	3
OP: OP 16	3313	0
OP: OP 17	3731	573
OP: OP 18	63	0
OP: OP 19	2851	940
OP: OP 20	19	0
OP: OP 21	0	0
OP: OP 22	946	30
OP: OP 23	1097	84
OP: OP 24	966	0
OP: OP 25	607	0
OP: OP 26	865	0
OP: OP 27	883	0
OP: OP 28	1067	0
OP: OP 29	478	0
OP: OP 30	316	0
OP: OP 31	257	0
OP: OP 32	2415	0
OP: OP 33	447	0
OP: OP 34	51	0
OP: OP 35	217	0
OP: OP 36	311	0
OP: OP 37	378	0
OP: OP 38	408	0
OP: OP 39	640	0
OP: OP 40	89	0
OP: OP 41	272	0
OP: OP 42	336	0
OP: OP 43	306	0
OP: OP 44	314	0
OP: OP 45	246	0
OP: OP 46	274	0
OP: OP 47	3732	2013
OP: OP 48	3441	4562
OP: OP 49	717	225
OP: OP 50	1016	95
OP: OP 51	955	217
OP: OP 52	489	1
OP: OP 53	371	0
OP: OP 54	265	0

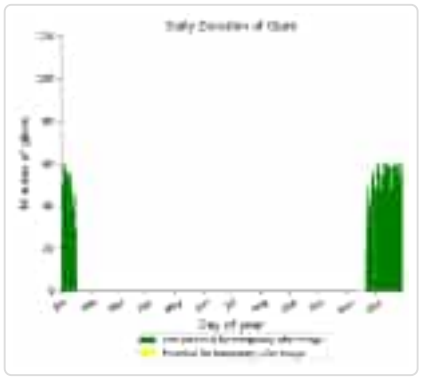
OP: OP 55	185	0
OP: OP 56	442	0
OP: OP 57	508	0
OP: OP 58	604	0
OP: OP 59	504	0
OP: OP 60	542	0
OP: OP 61	742	0
OP: OP 62	629	0
OP: OP 63	686	0
OP: OP 64	851	0
OP: OP 65	880	1
OP: OP 66	722	0
OP: OP 67	770	1
OP: OP 68	780	0
OP: OP 69	639	0
OP: OP 70	685	0
OP: OP 71	546	0
OP: OP 72	377	0
OP: OP 73	219	0

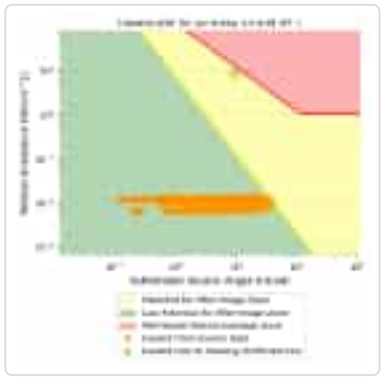
PV array 14: OP 1

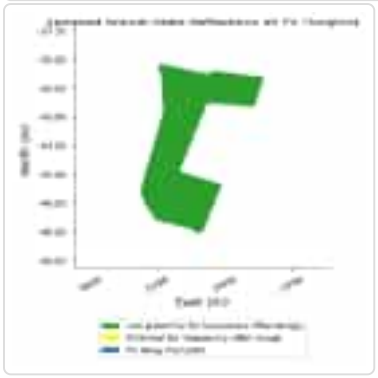
PV array is expected to produce the following glare for this receptor:

- 3,033 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





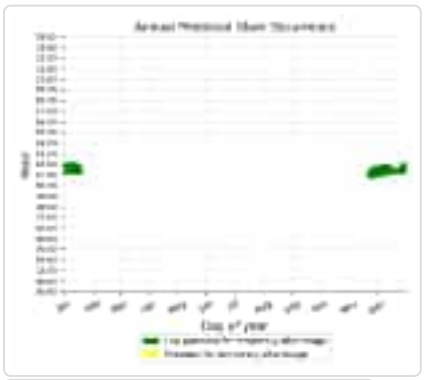


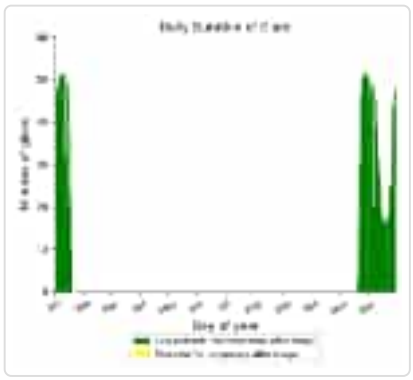


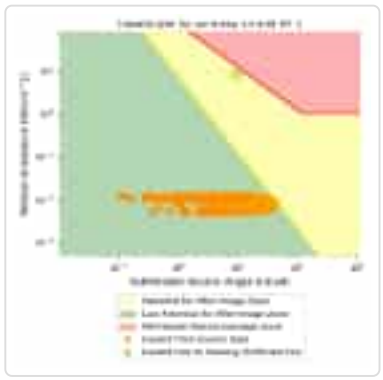
PV array 14: OP 2

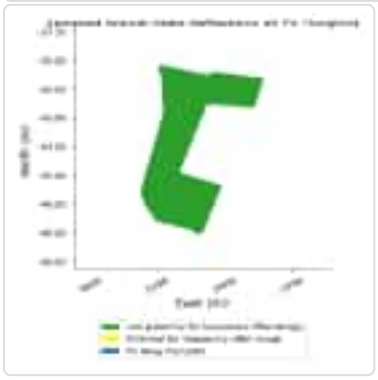
PV array is expected to produce the following glare for this receptor:

- 2,255 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





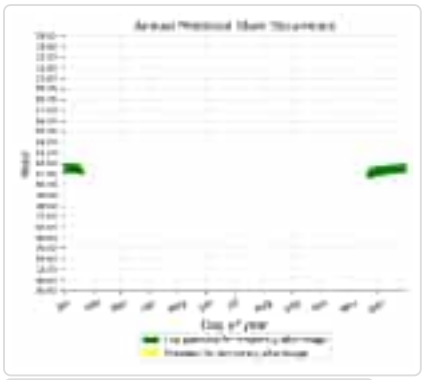


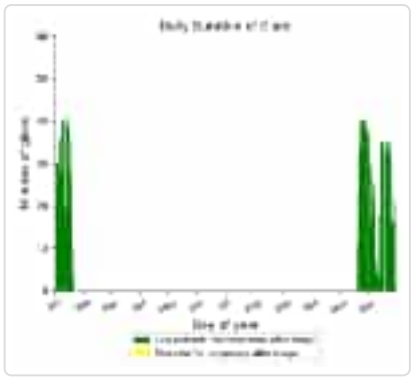


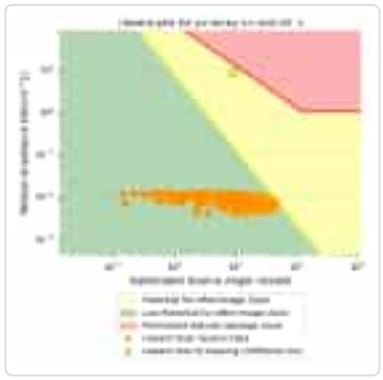
PV array 14: OP 3

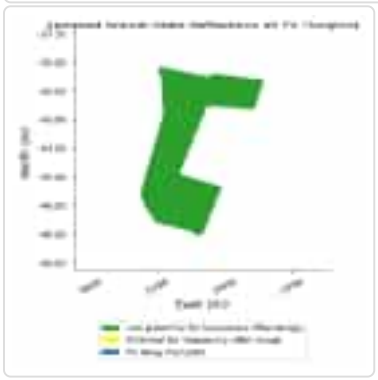
PV array is expected to produce the following glare for this receptor:

- 1,691 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





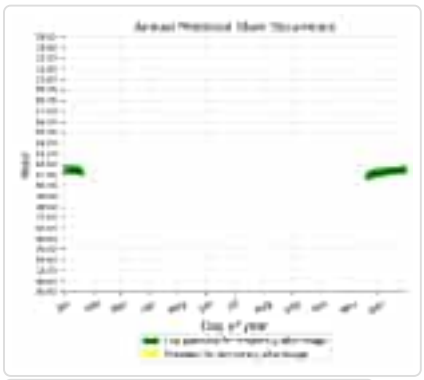


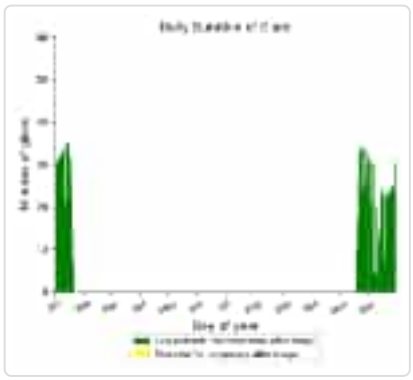


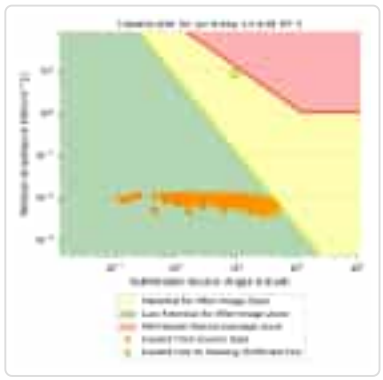
PV array 14: OP 4

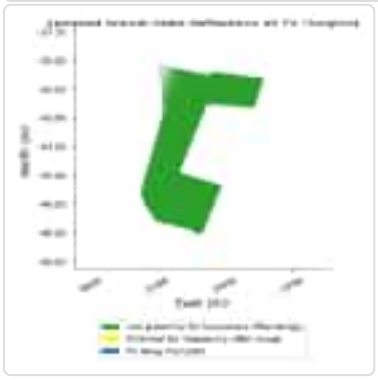
PV array is expected to produce the following glare for this receptor:

- 1,644 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





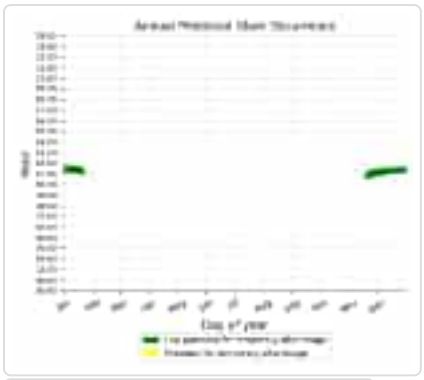


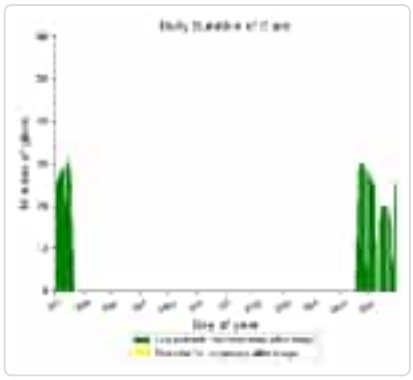


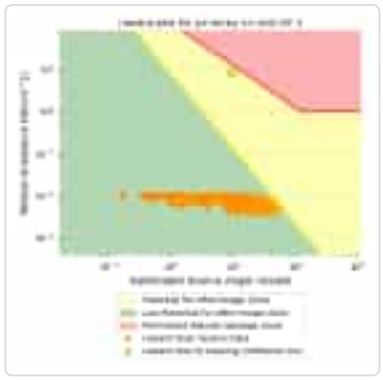
PV array 14: OP 5

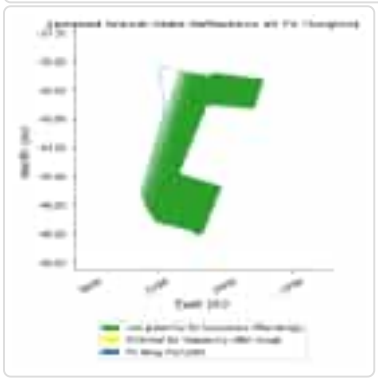
PV array is expected to produce the following glare for this receptor:

- 1,387 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





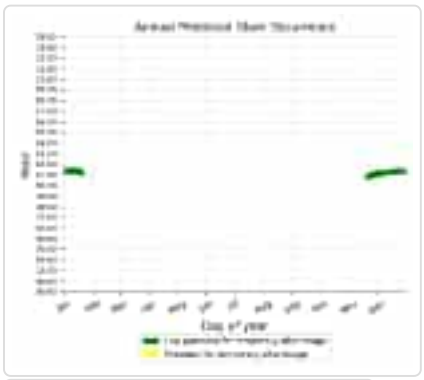


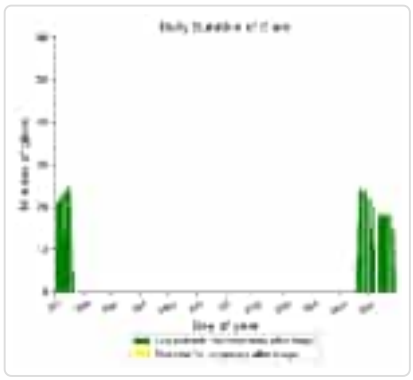


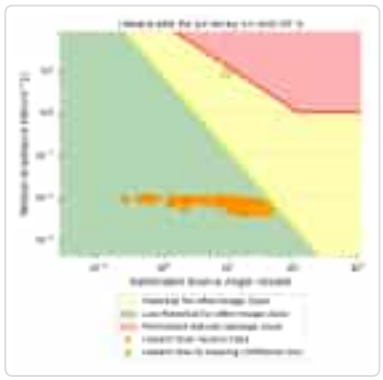
PV array 14: OP 6

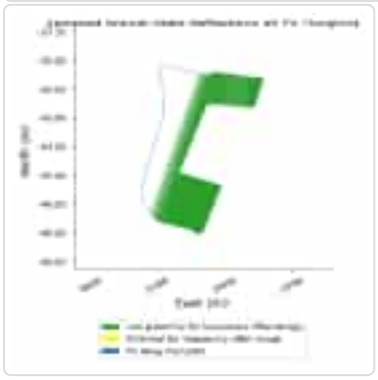
PV array is expected to produce the following glare for this receptor:

- 1,027 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





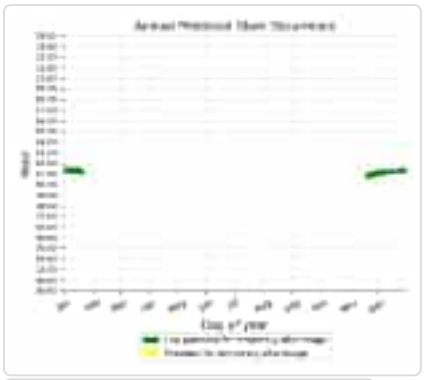


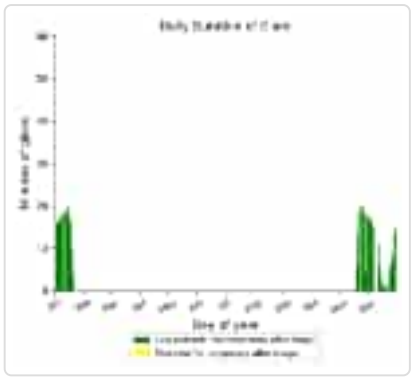


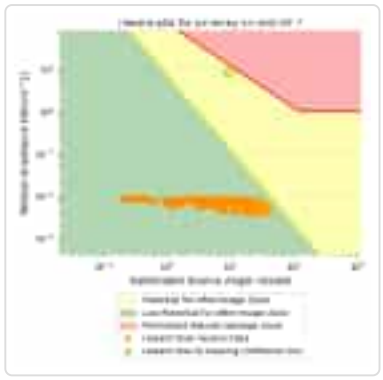
PV array 14: OP 7

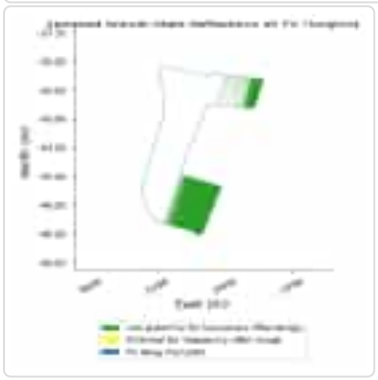
PV array is expected to produce the following glare for this receptor:

- 707 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





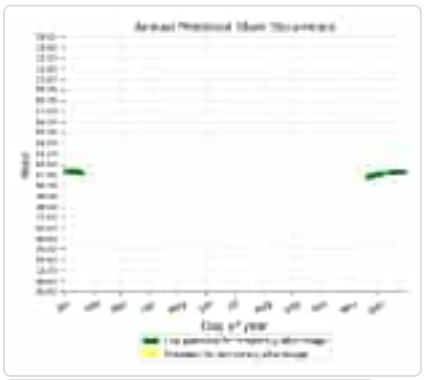


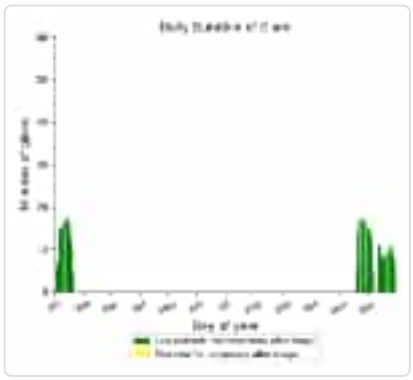


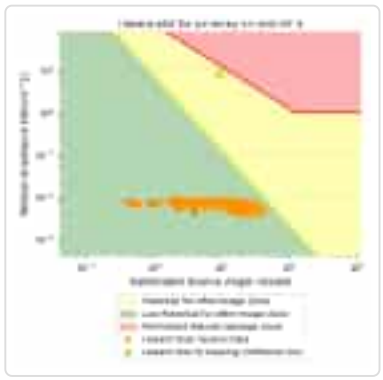
PV array 14: OP 8

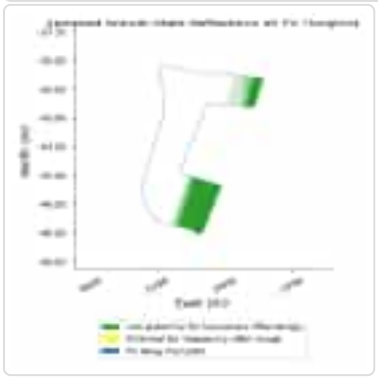
PV array is expected to produce the following glare for this receptor:

- 632 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





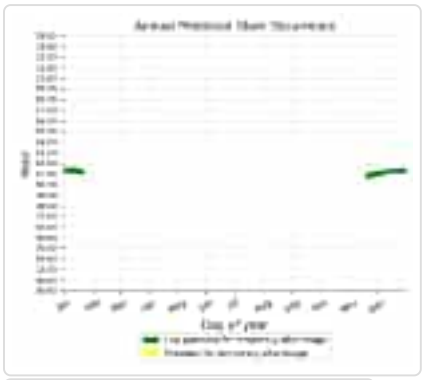


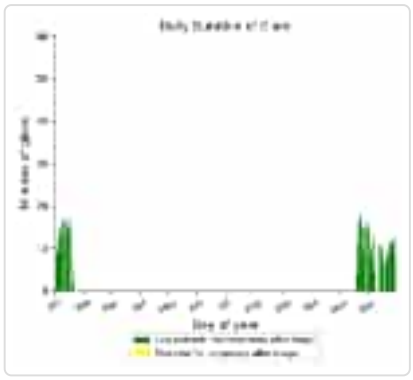


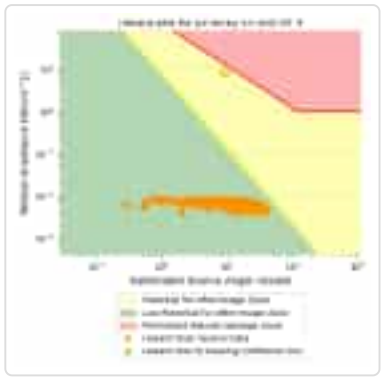
PV array 14: OP 9

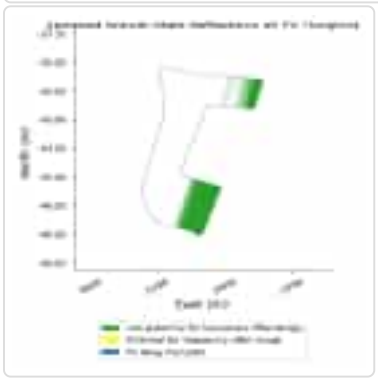
PV array is expected to produce the following glare for this receptor:

- 593 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





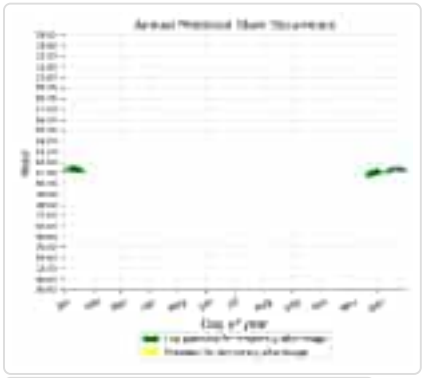


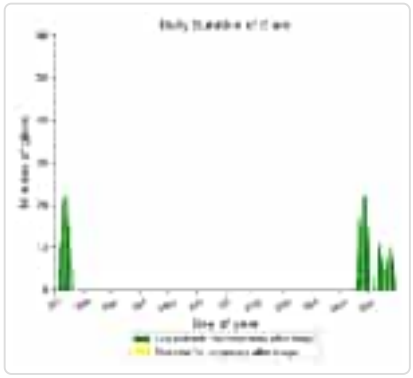


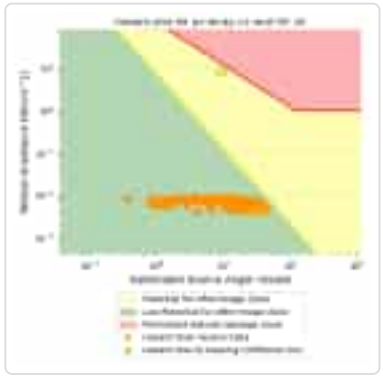
PV array 14: OP 10

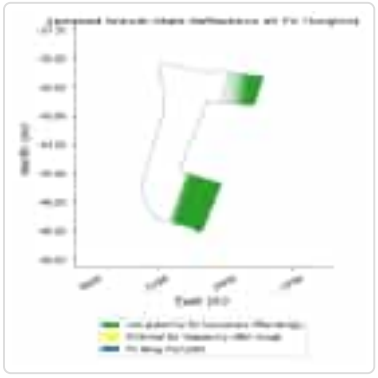
PV array is expected to produce the following glare for this receptor:

- 517 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





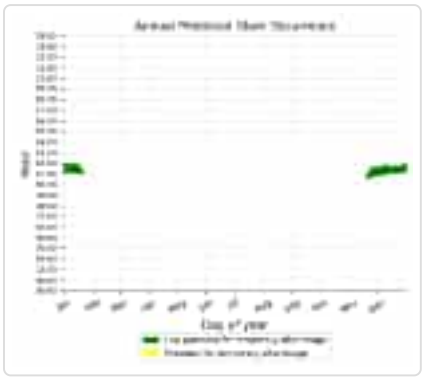


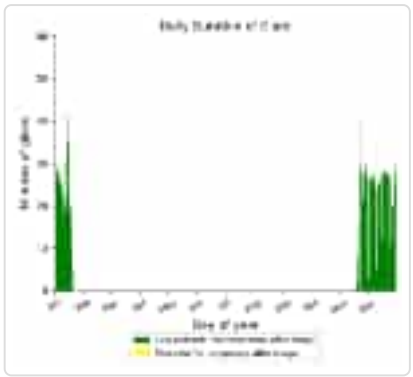


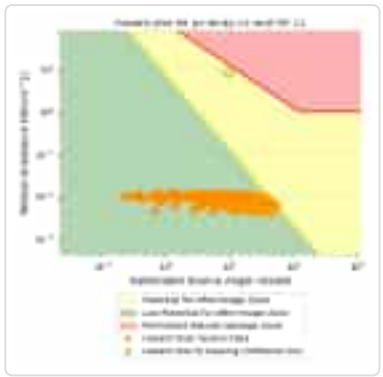
PV array 14: OP 11

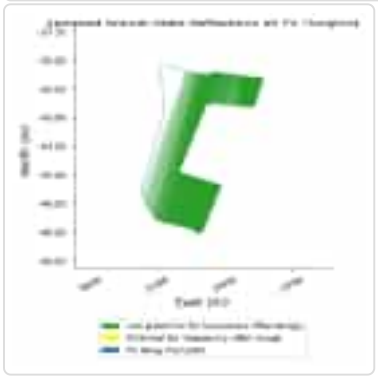
PV array is expected to produce the following glare for this receptor:

- 1,423 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





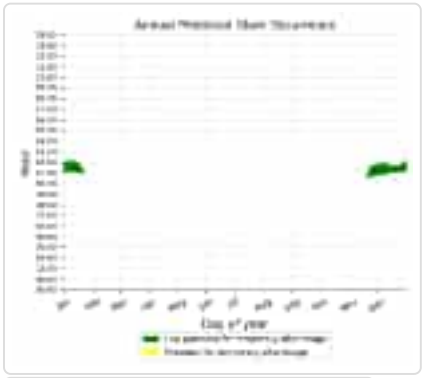


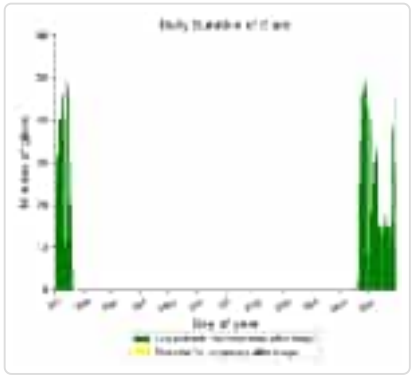


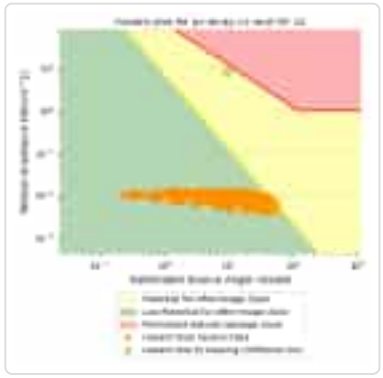
PV array 14: OP 12

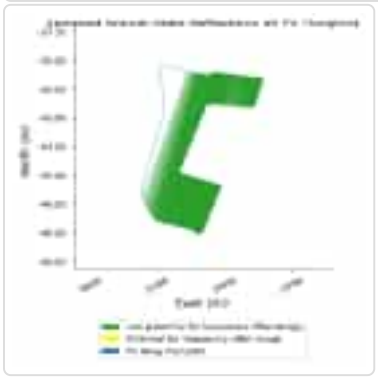
PV array is expected to produce the following glare for this receptor:

- 1,710 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





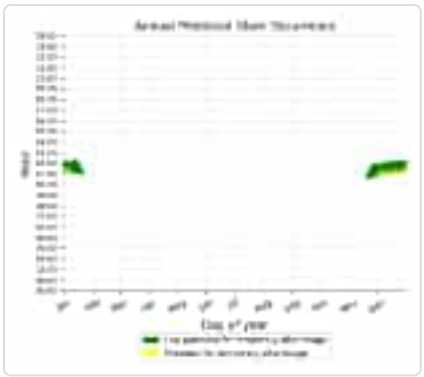


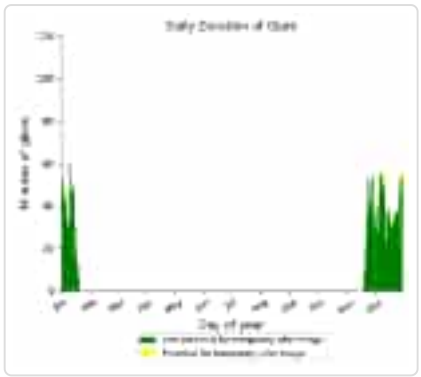


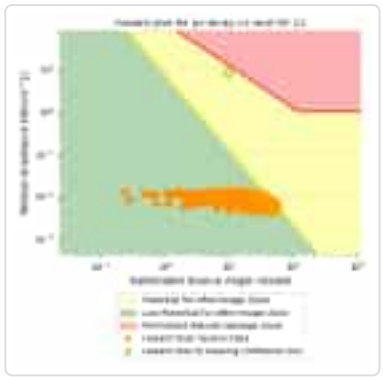
PV array 14: OP 13

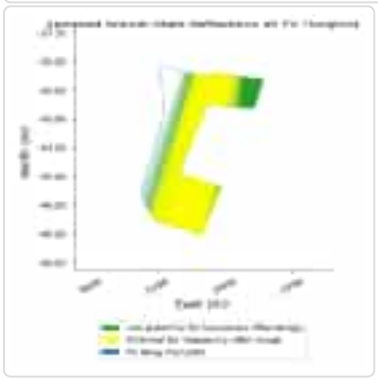
PV array is expected to produce the following glare for this receptor:

- 2,427 minutes of "green" glare with low potential to cause temporary after-image.
- 64 minutes of "yellow" glare with potential to cause temporary after-image.





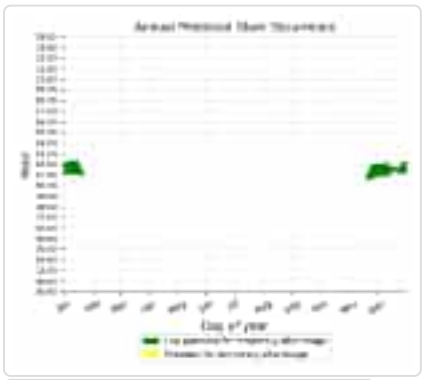


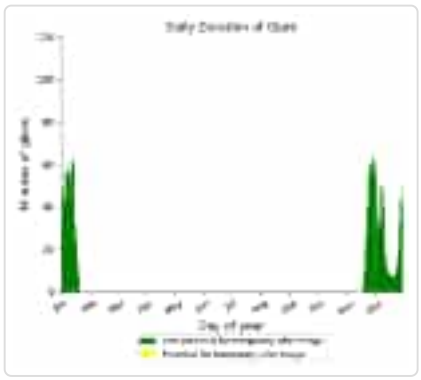


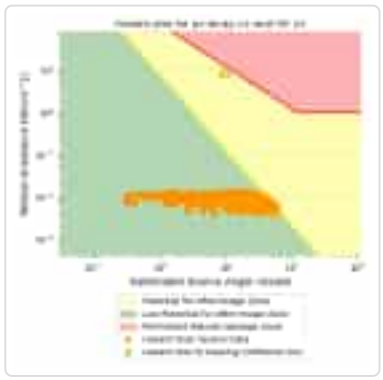
PV array 14: OP 14

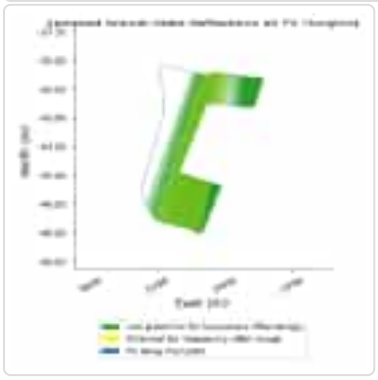
PV array is expected to produce the following glare for this receptor:

- 2,228 minutes of "green" glare with low potential to cause temporary after-image.
- 1 minutes of "yellow" glare with potential to cause temporary after-image.





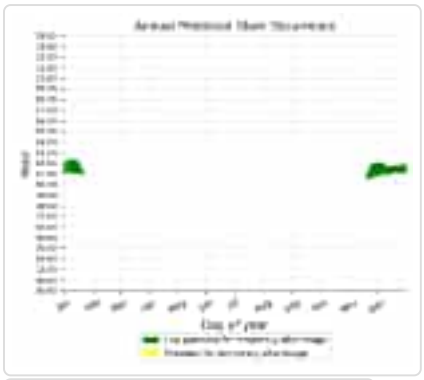


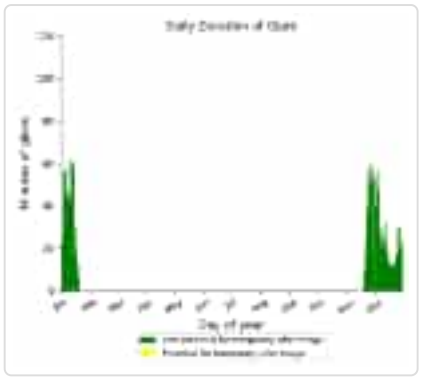


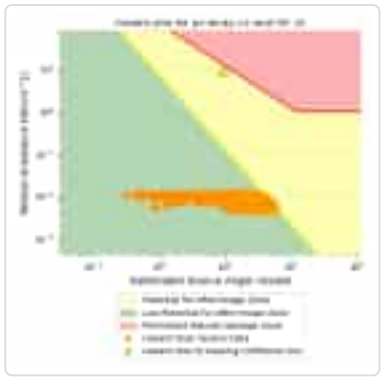
PV array 14: OP 15

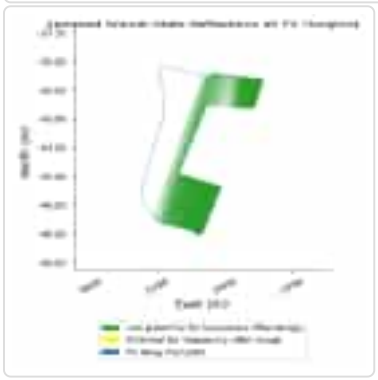
PV array is expected to produce the following glare for this receptor:

- 2,050 minutes of "green" glare with low potential to cause temporary after-image.
- 3 minutes of "yellow" glare with potential to cause temporary after-image.





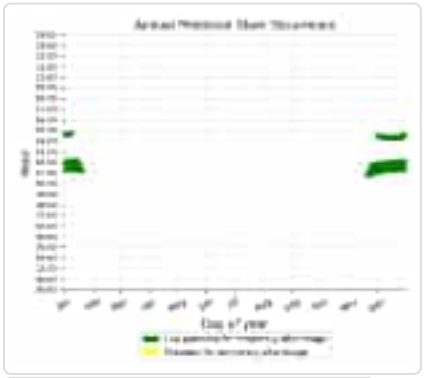


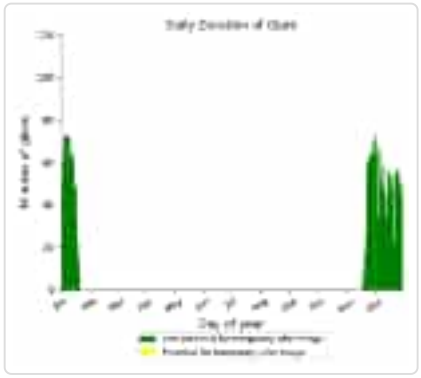


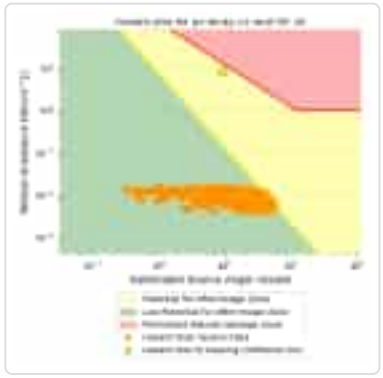
PV array 14: OP 16

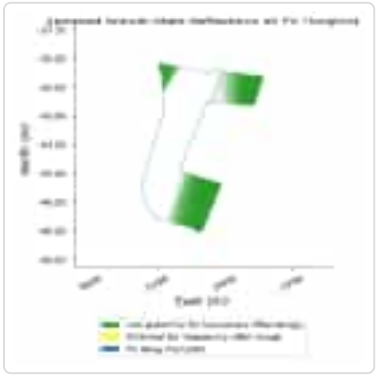
PV array is expected to produce the following glare for this receptor:

- 3,313 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





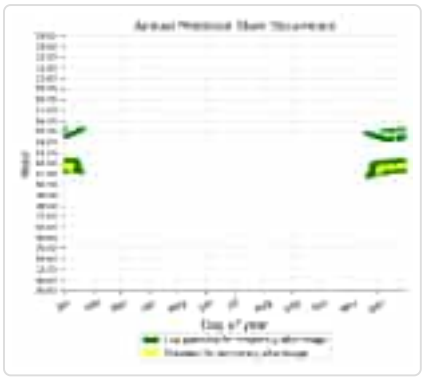


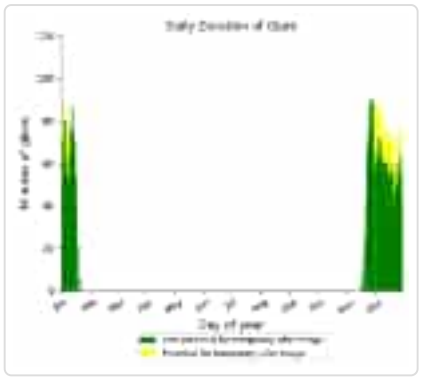


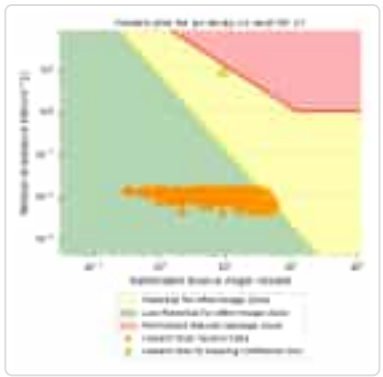
PV array 14: OP 17

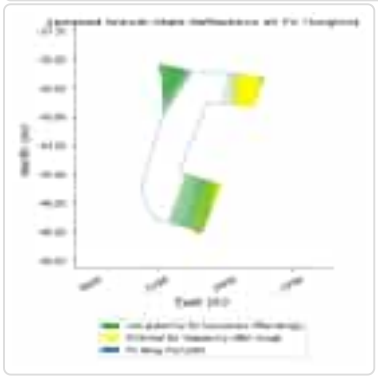
PV array is expected to produce the following glare for this receptor:

- 3,731 minutes of "green" glare with low potential to cause temporary after-image.
- 573 minutes of "yellow" glare with potential to cause temporary after-image.





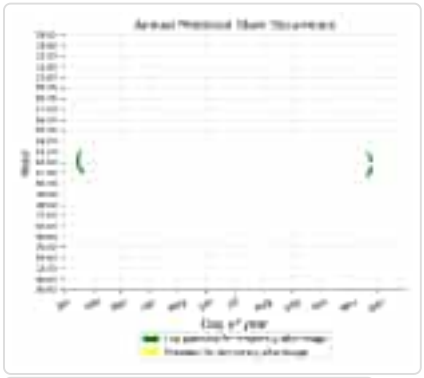


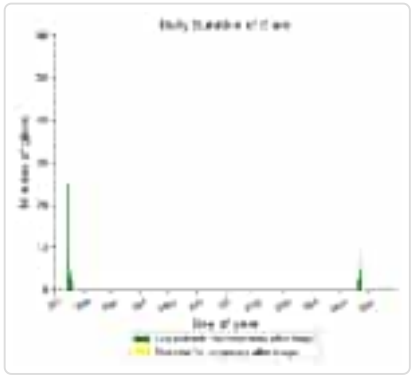


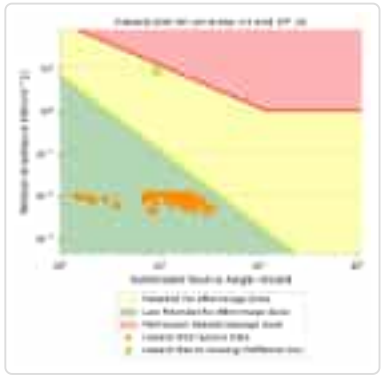
PV array 14: OP 18

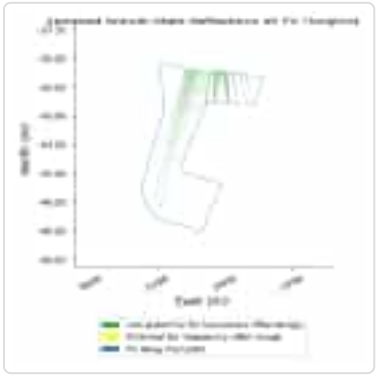
PV array is expected to produce the following glare for this receptor:

- 63 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





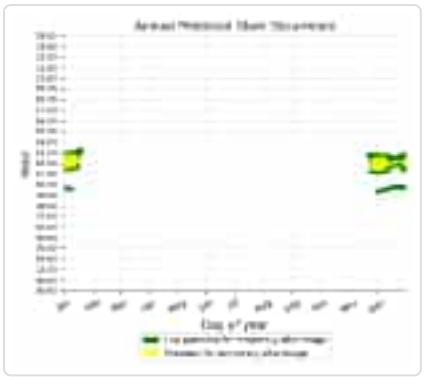


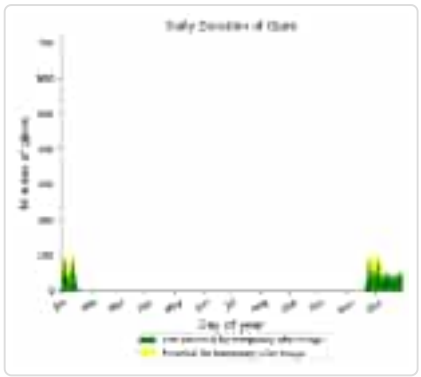


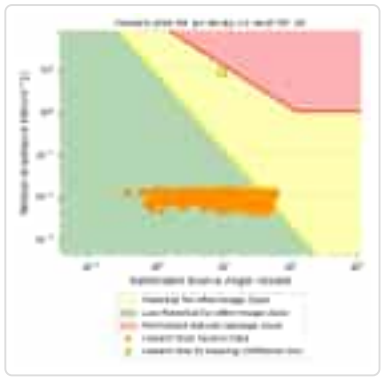
PV array 14: OP 19

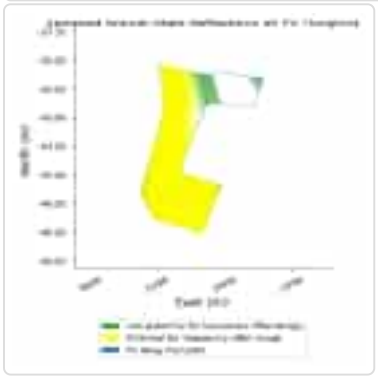
PV array is expected to produce the following glare for this receptor:

- 2,851 minutes of "green" glare with low potential to cause temporary after-image.
- 940 minutes of "yellow" glare with potential to cause temporary after-image.





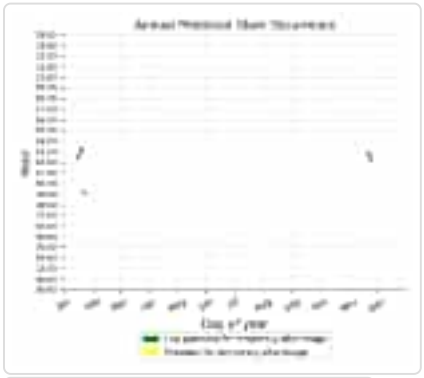
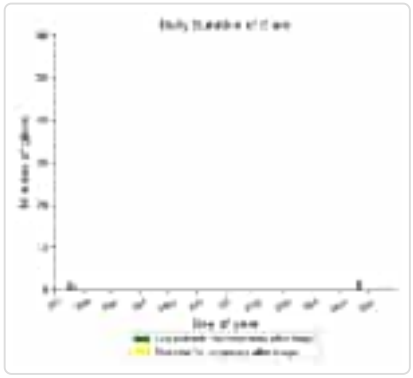
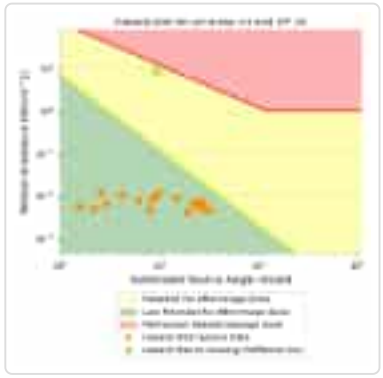
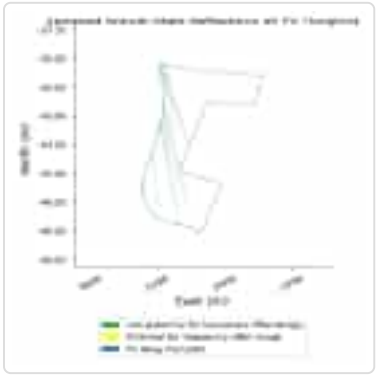




PV array 14: OP 20

PV array is expected to produce the following glare for this receptor:

- 19 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

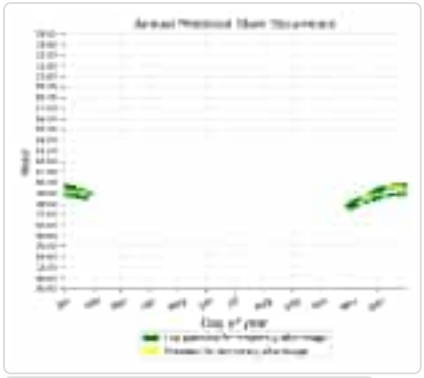
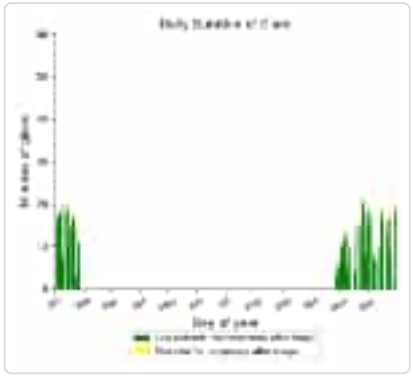
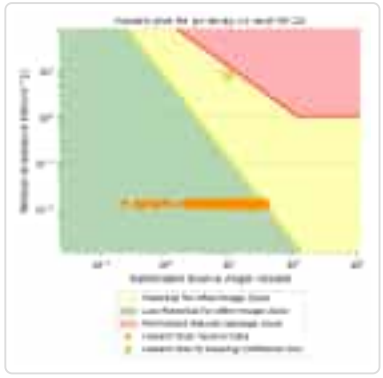
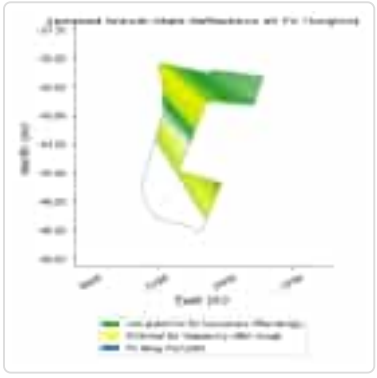
PV array 14: OP 21

No glare found

PV array 14: OP 22

PV array is expected to produce the following glare for this receptor:

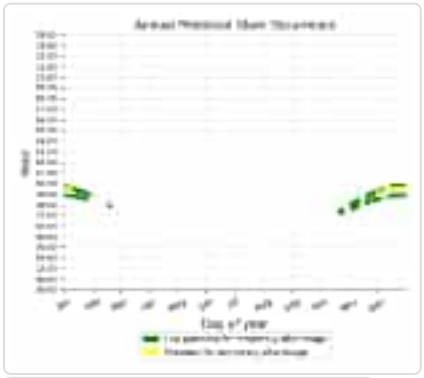
- 946 minutes of "green" glare with low potential to cause temporary after-image.
- 30 minutes of "yellow" glare with potential to cause temporary after-image.

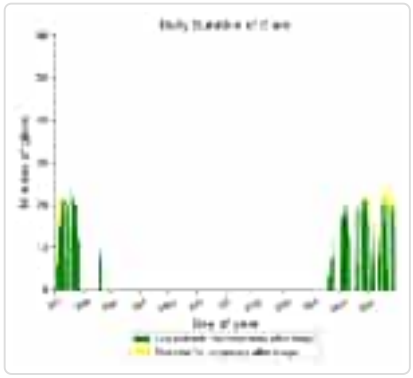





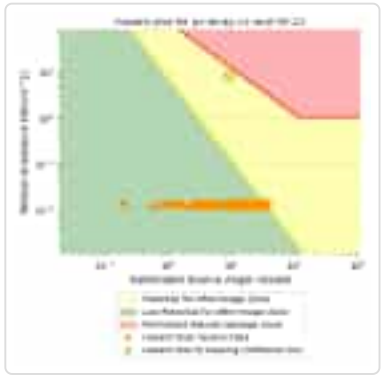
PV array 14: OP 23

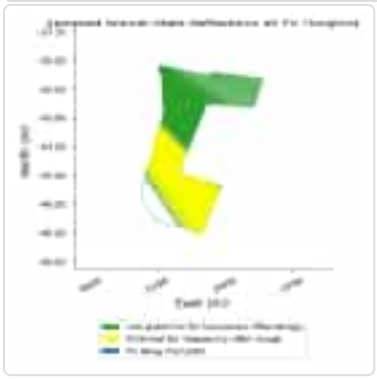
PV array is expected to produce the following glare for this receptor:

- 1,097 minutes of "green" glare with low potential to cause temporary after-image.
- 84 minutes of "yellow" glare with potential to cause temporary after-image.





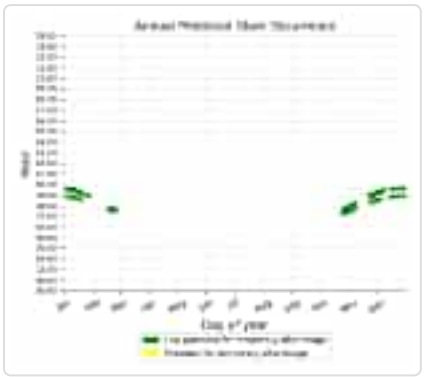


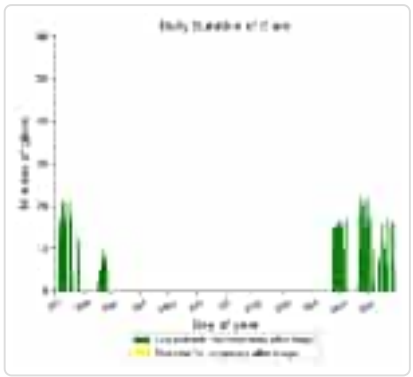


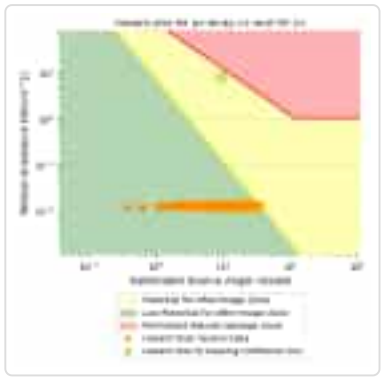
PV array 14: OP 24

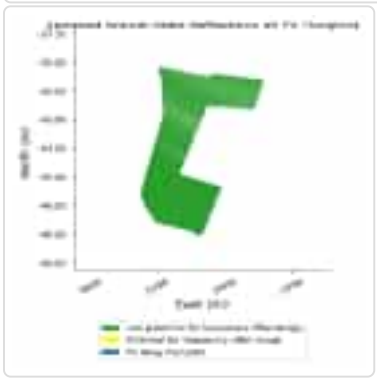
PV array is expected to produce the following glare for this receptor:

- 966 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





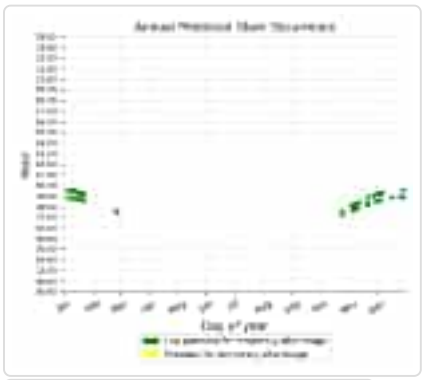


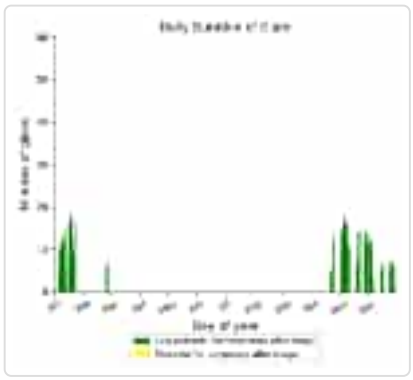


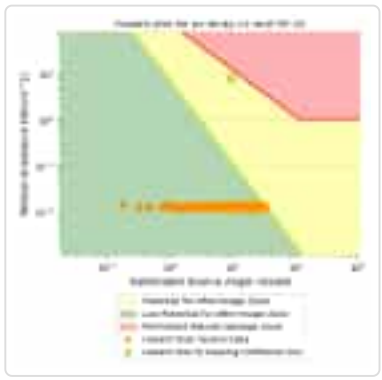
PV array 14: OP 25

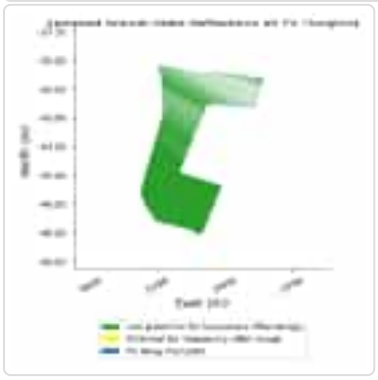
PV array is expected to produce the following glare for this receptor:

- 607 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





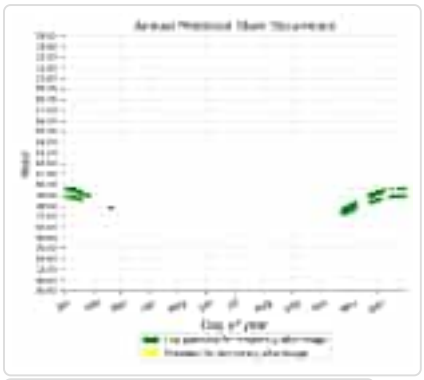


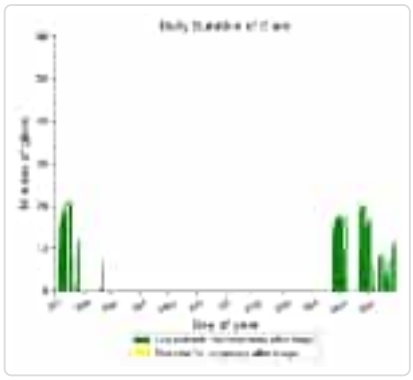


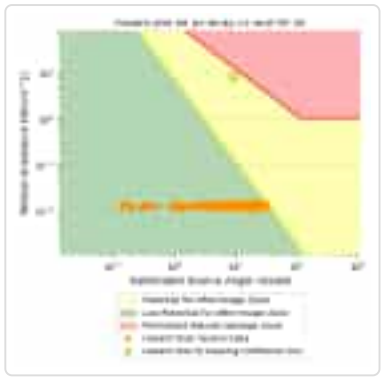
PV array 14: OP 26

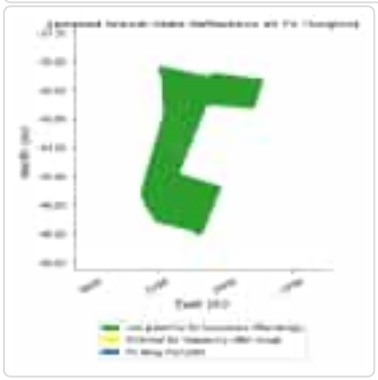
PV array is expected to produce the following glare for this receptor:

- 865 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





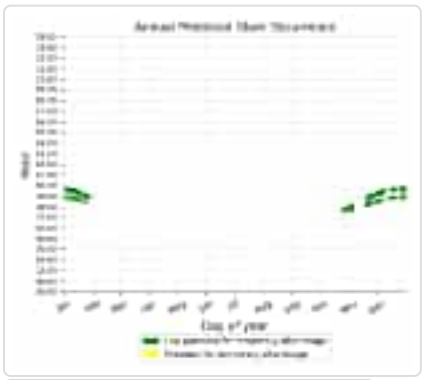


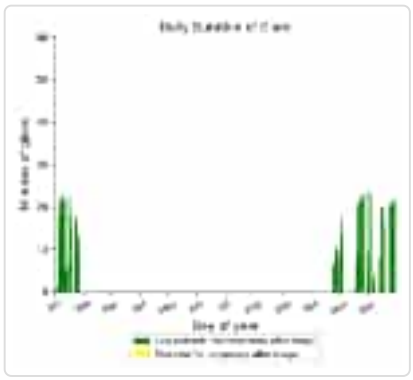


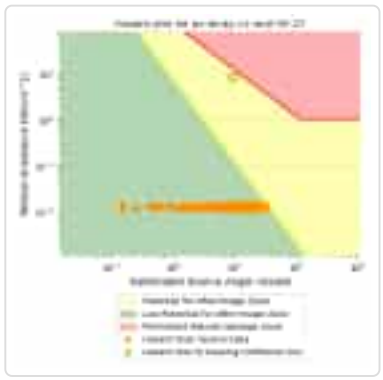
PV array 14: OP 27

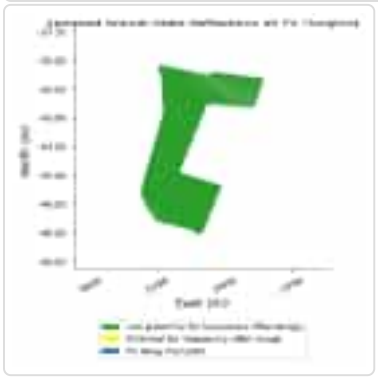
PV array is expected to produce the following glare for this receptor:

- 883 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





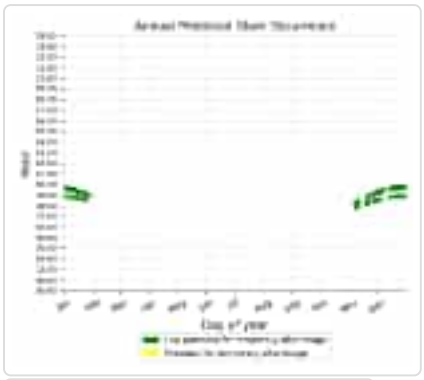


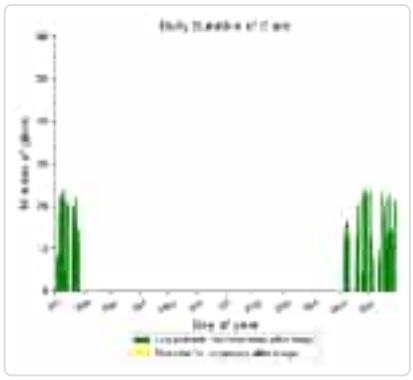


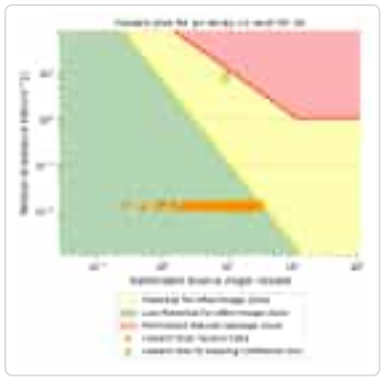
PV array 14: OP 28

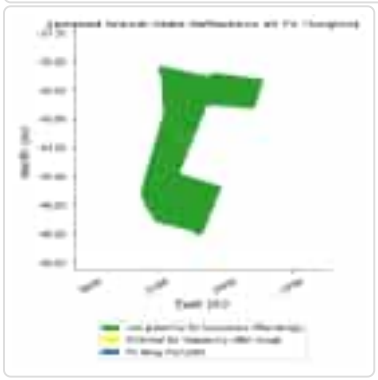
PV array is expected to produce the following glare for this receptor:

- 1,067 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





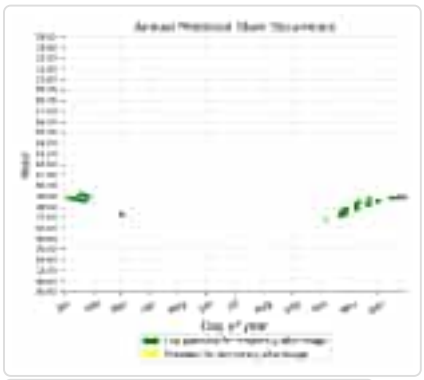


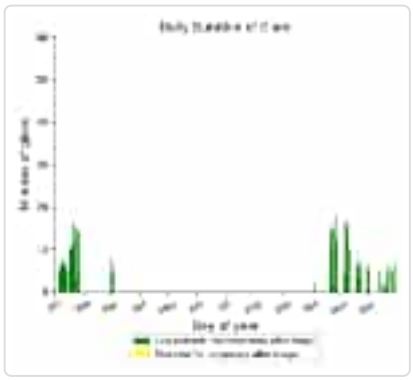


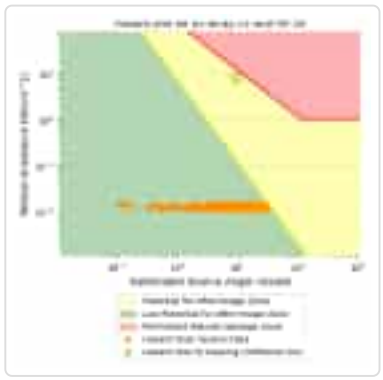
PV array 14: OP 29

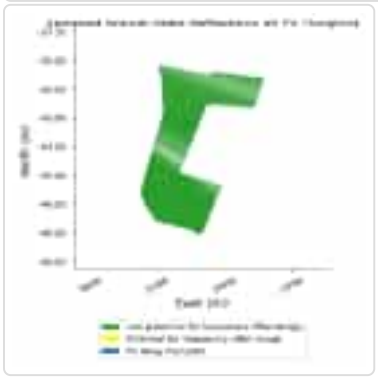
PV array is expected to produce the following glare for this receptor:

- 478 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





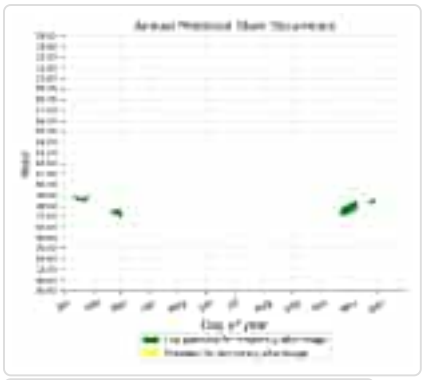


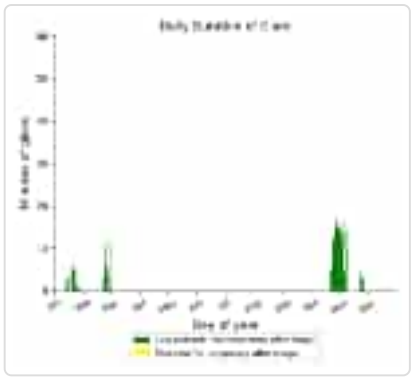


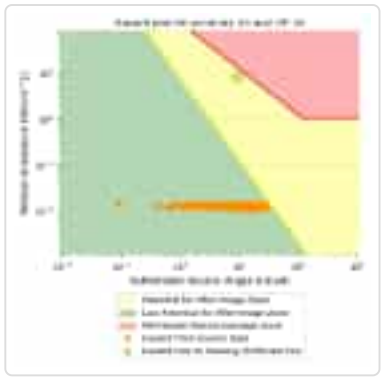
PV array 14: OP 30

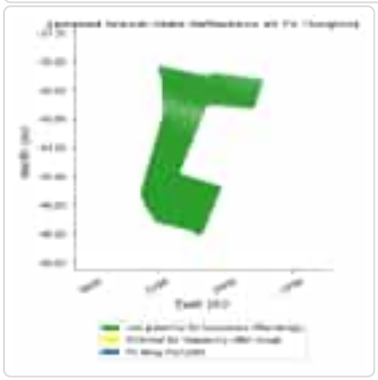
PV array is expected to produce the following glare for this receptor:

- 316 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





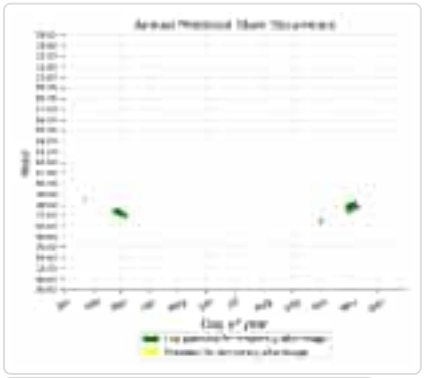


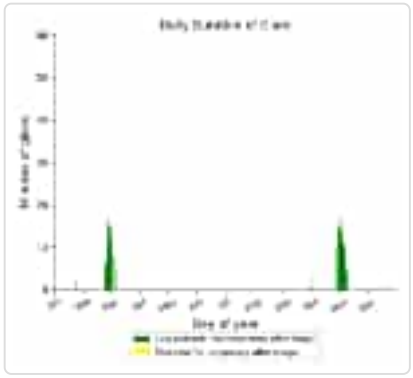


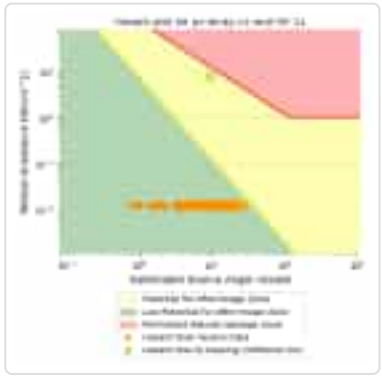
PV array 14: OP 31

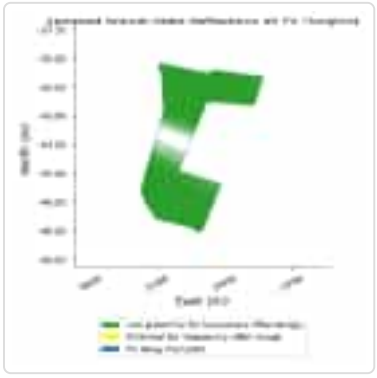
PV array is expected to produce the following glare for this receptor:

- 257 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





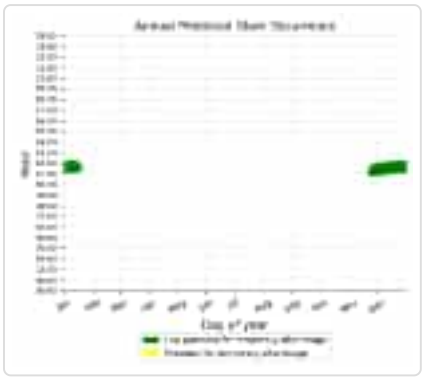


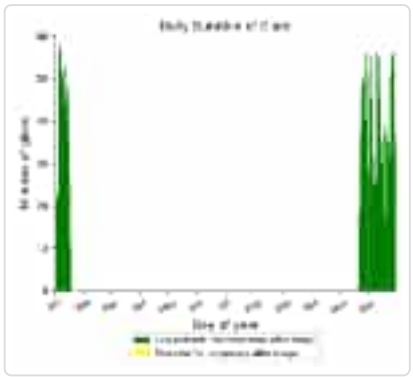


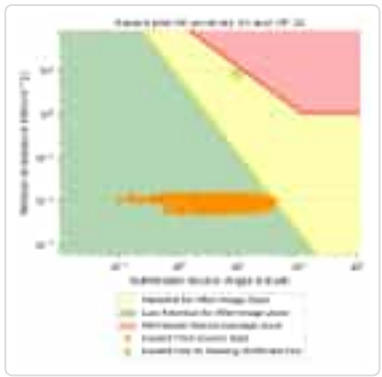
PV array 14: OP 32

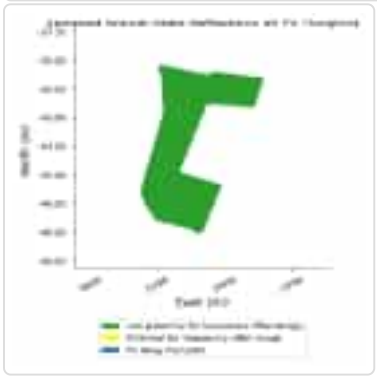
PV array is expected to produce the following glare for this receptor:

- 2,415 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





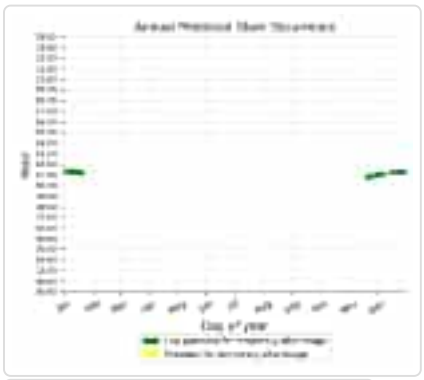


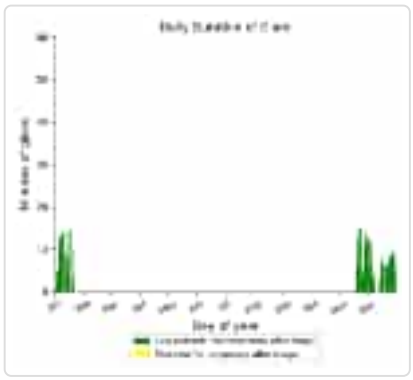


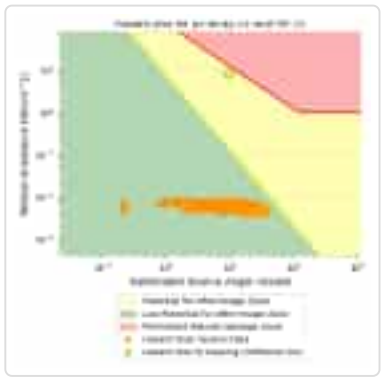
PV array 14: OP 33

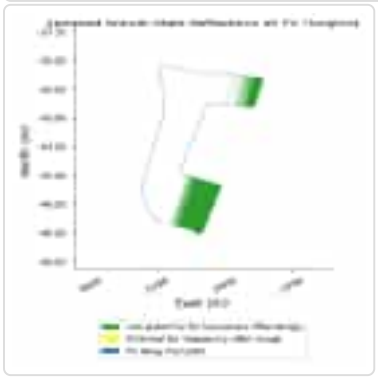
PV array is expected to produce the following glare for this receptor:

- 447 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





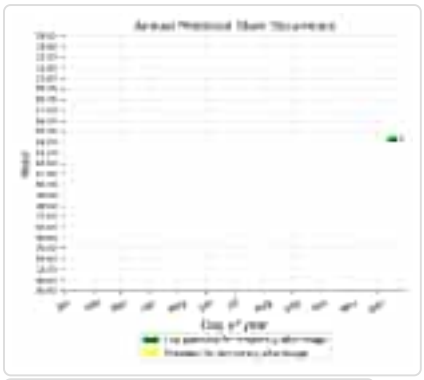


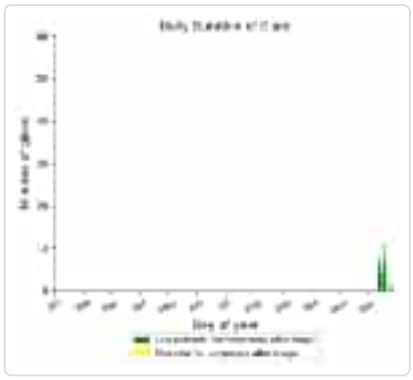


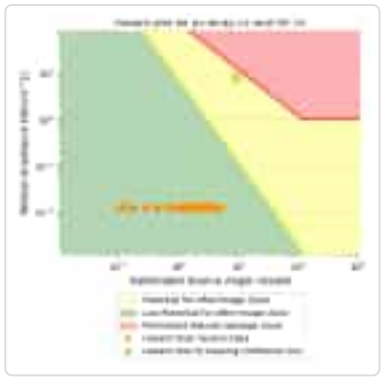
PV array 14: OP 34

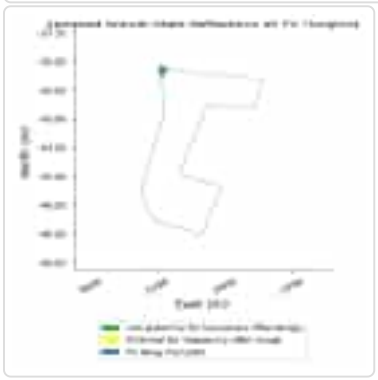
PV array is expected to produce the following glare for this receptor:

- 51 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





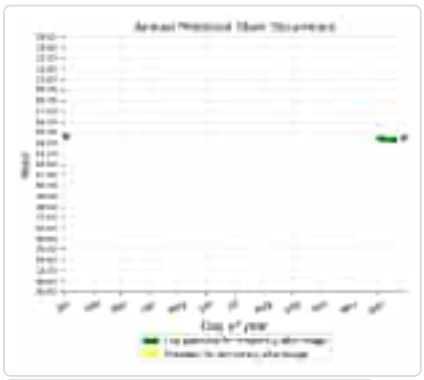


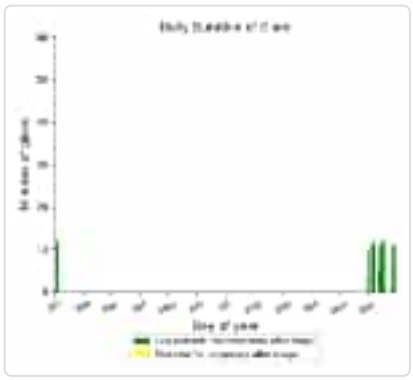


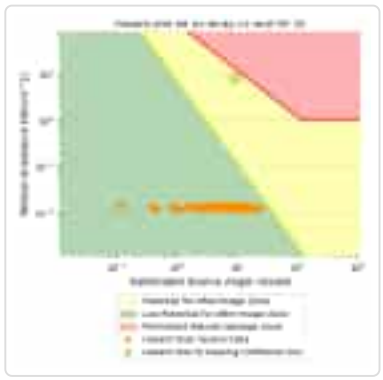
PV array 14: OP 35

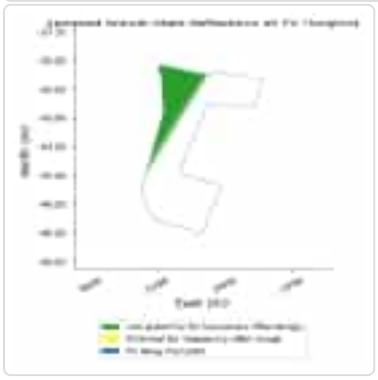
PV array is expected to produce the following glare for this receptor:

- 217 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





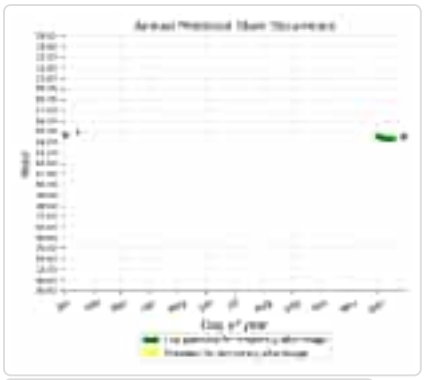


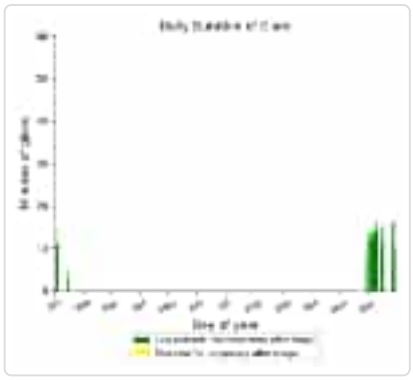


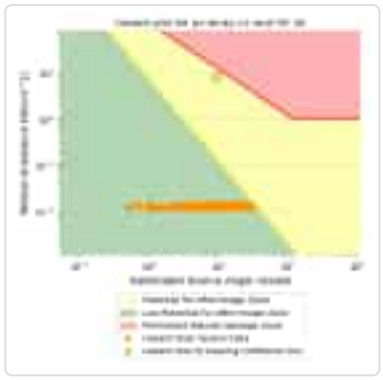
PV array 14: OP 36

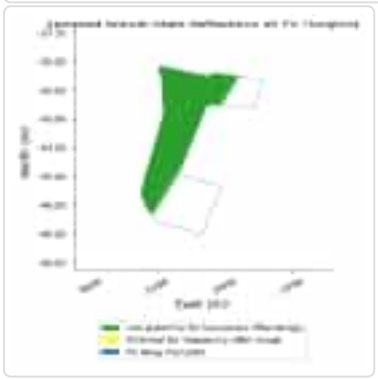
PV array is expected to produce the following glare for this receptor:

- 311 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





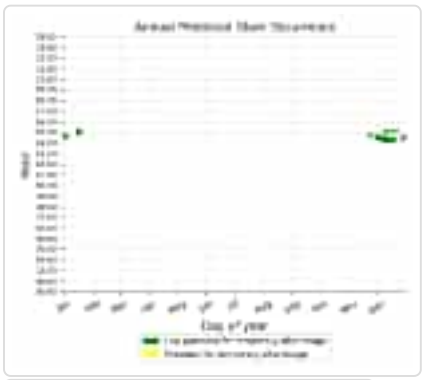


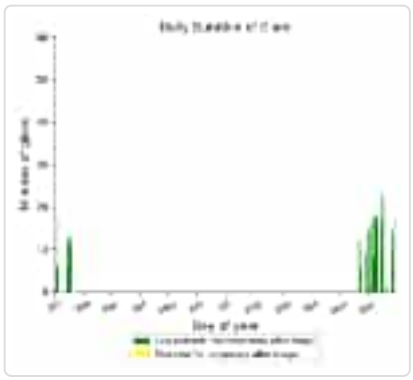


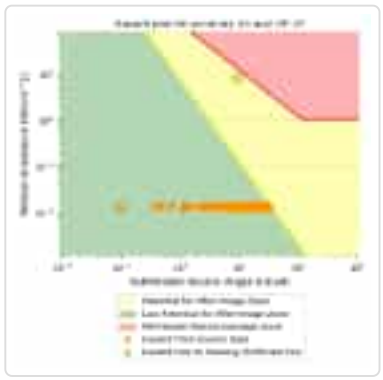
PV array 14: OP 37

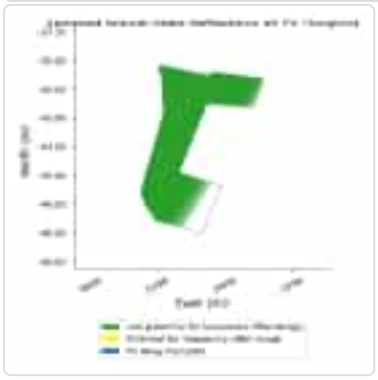
PV array is expected to produce the following glare for this receptor:

- 378 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





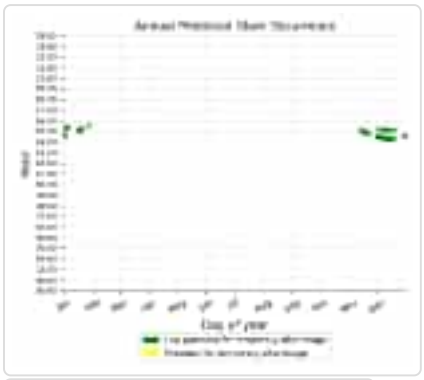


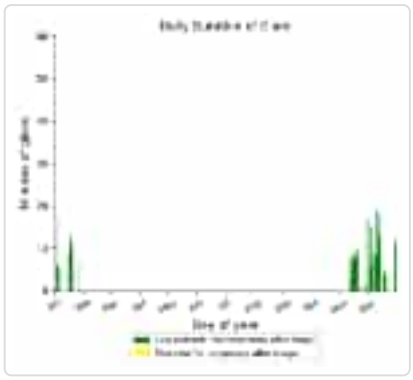


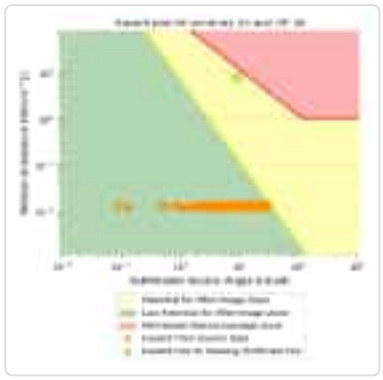
PV array 14: OP 38

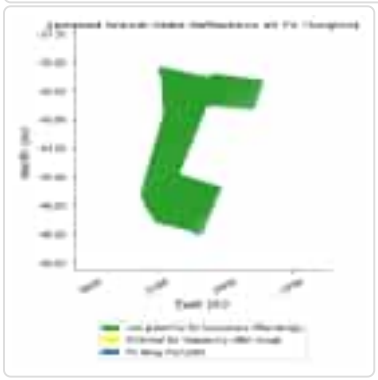
PV array is expected to produce the following glare for this receptor:

- 408 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





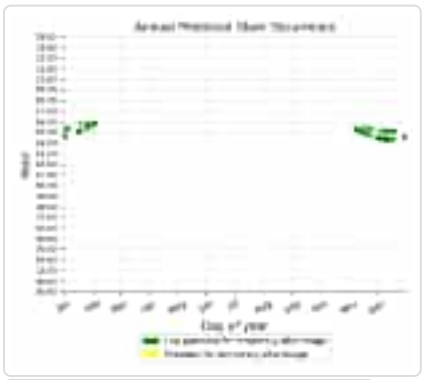


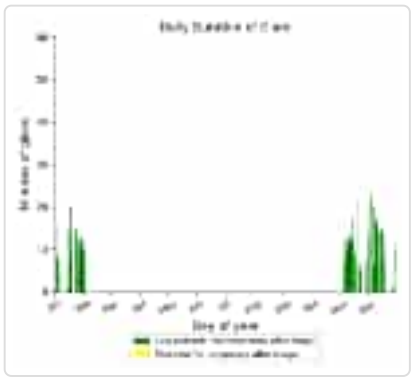


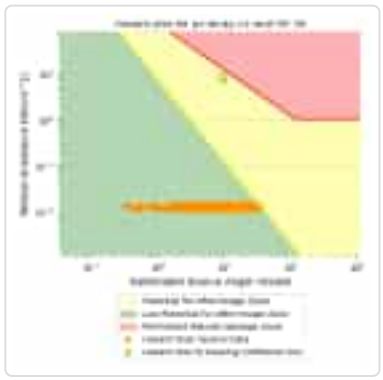
PV array 14: OP 39

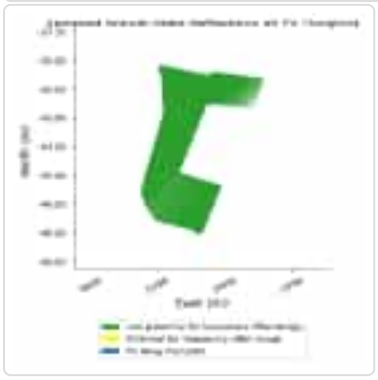
PV array is expected to produce the following glare for this receptor:

- 640 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





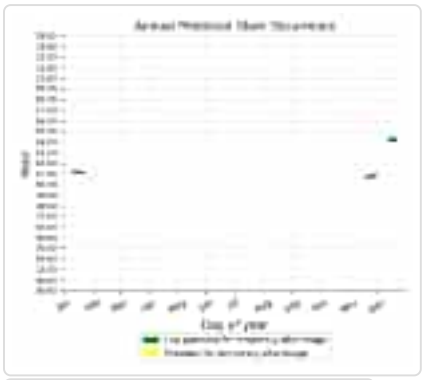


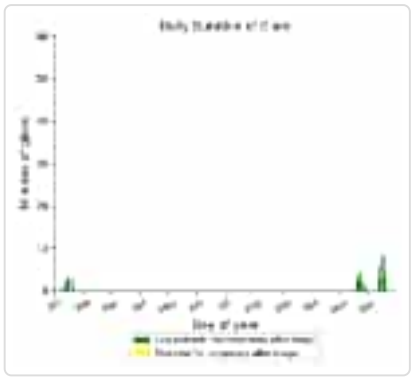


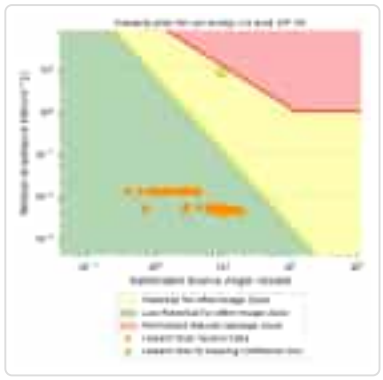
PV array 14: OP 40

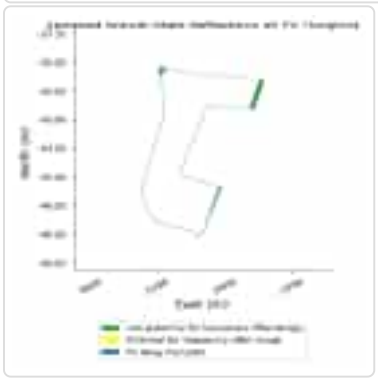
PV array is expected to produce the following glare for this receptor:

- 89 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





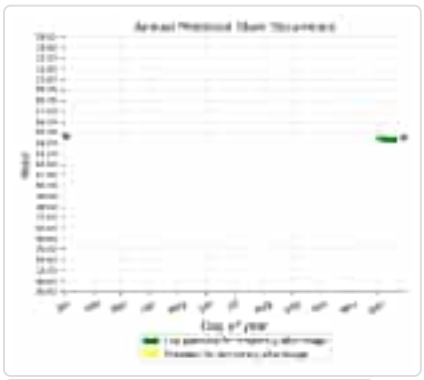


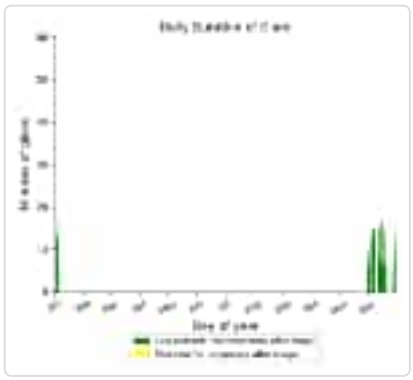


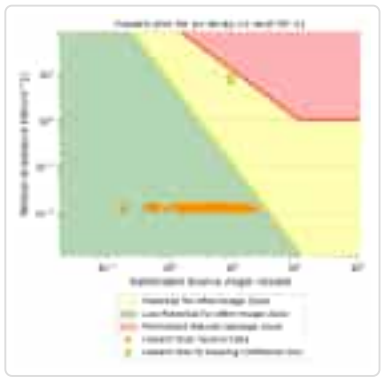
PV array 14: OP 41

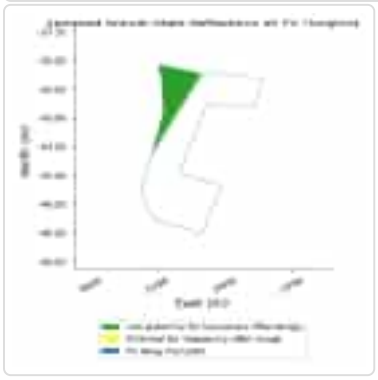
PV array is expected to produce the following glare for this receptor:

- 272 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





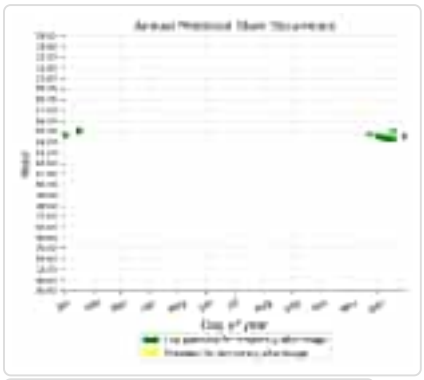


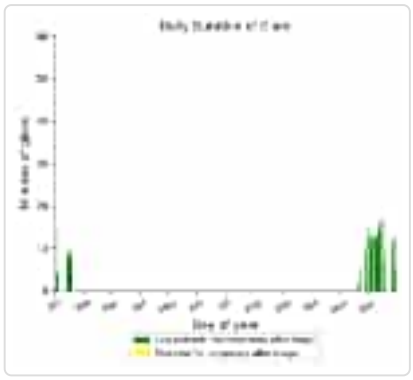


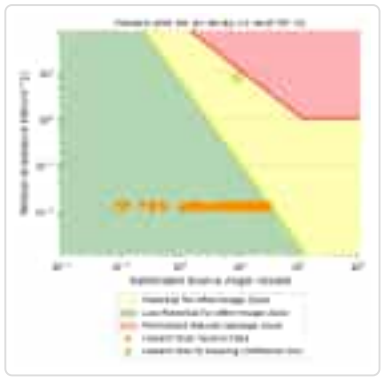
PV array 14: OP 42

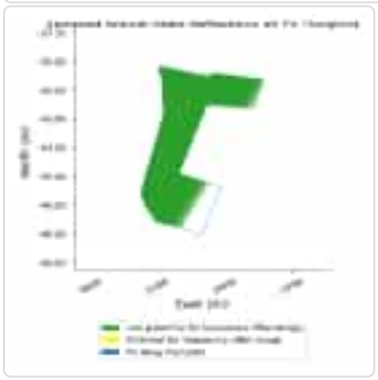
PV array is expected to produce the following glare for this receptor:

- 336 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





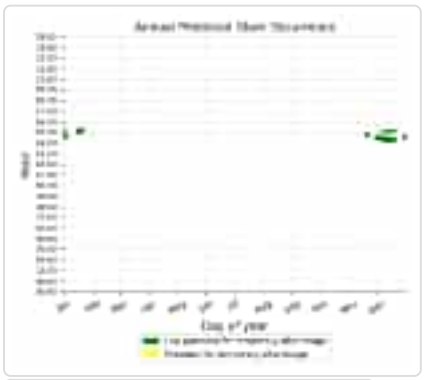


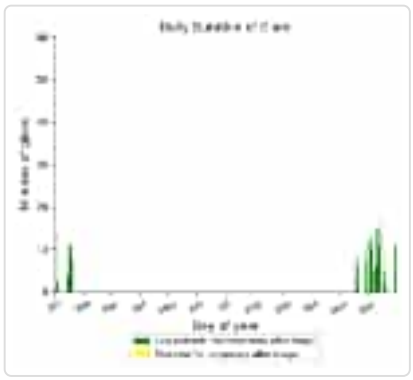


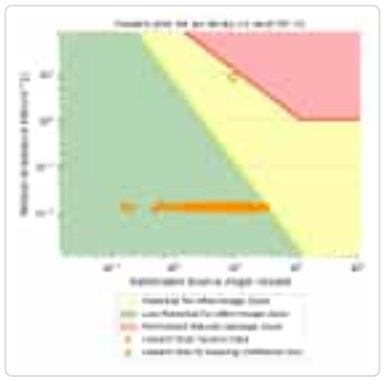
PV array 14: OP 43

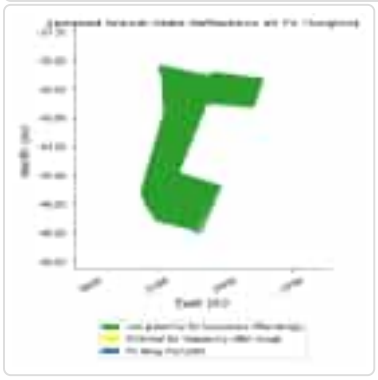
PV array is expected to produce the following glare for this receptor:

- 306 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





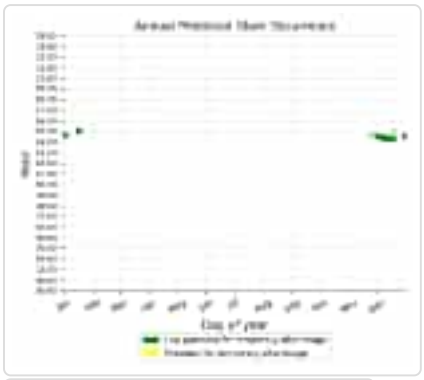


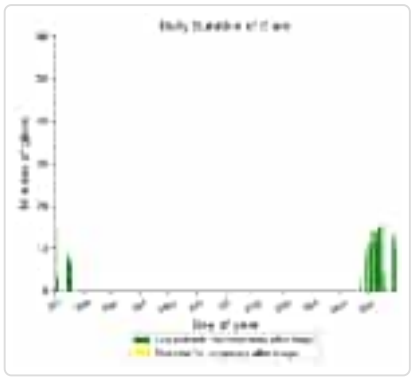


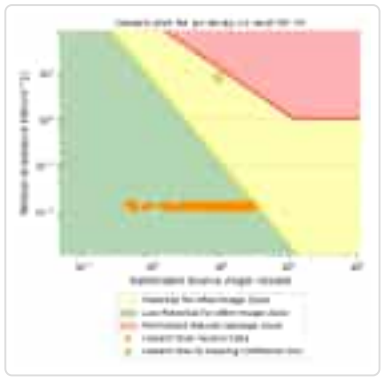
PV array 14: OP 44

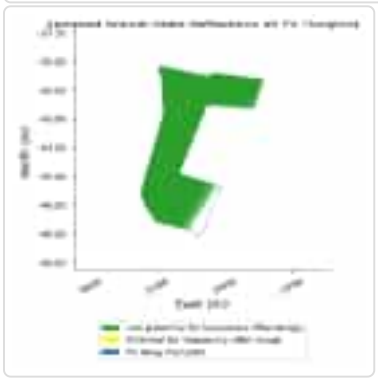
PV array is expected to produce the following glare for this receptor:

- 314 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





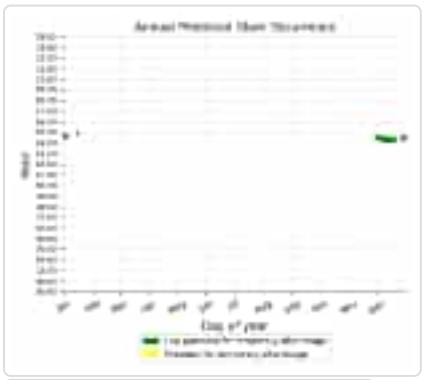


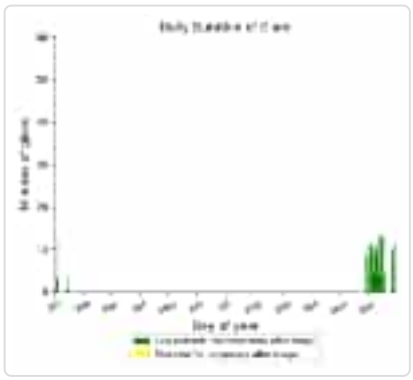


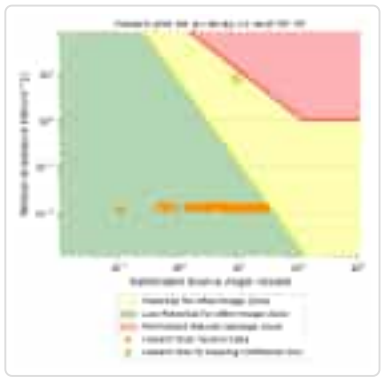
PV array 14: OP 45

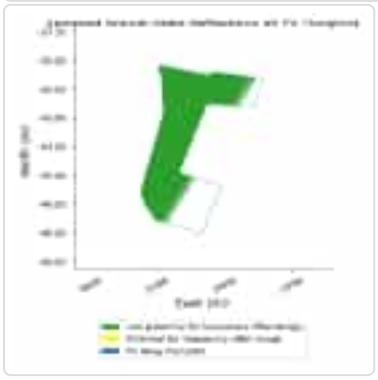
PV array is expected to produce the following glare for this receptor:

- 246 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





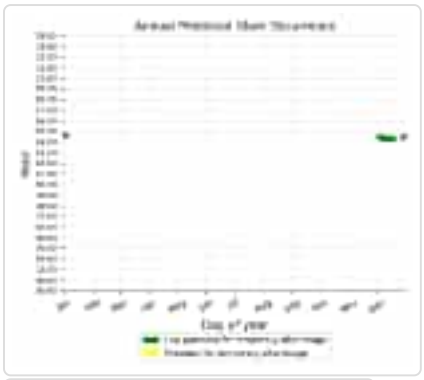


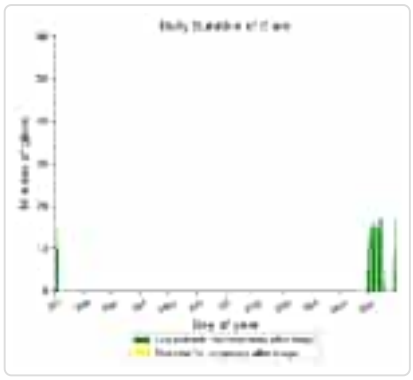


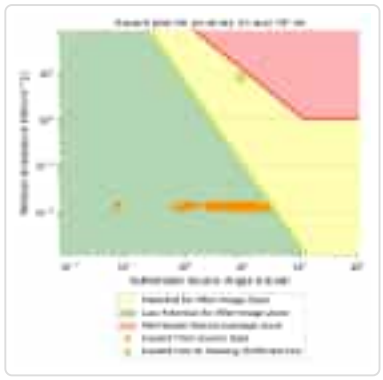
PV array 14: OP 46

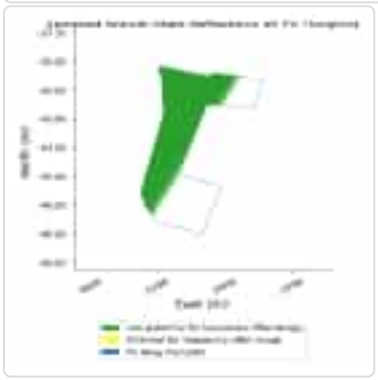
PV array is expected to produce the following glare for this receptor:

- 274 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





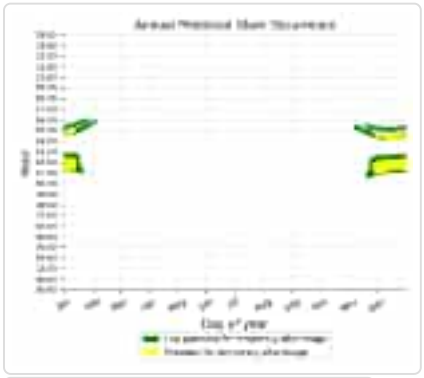


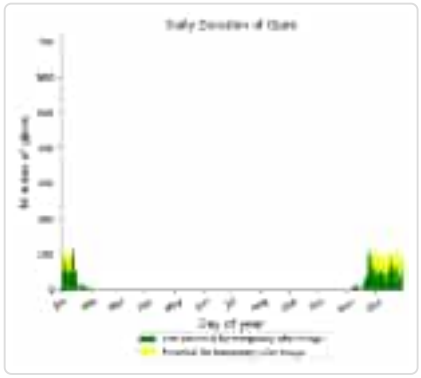


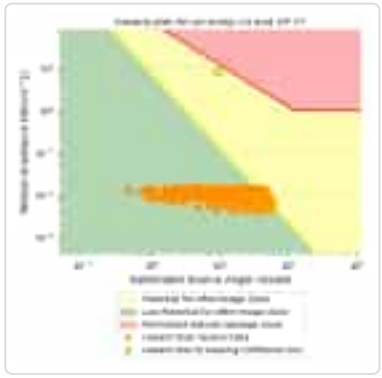
PV array 14: OP 47

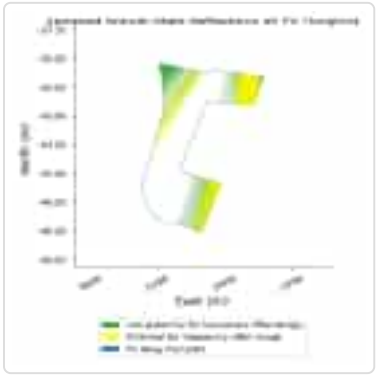
PV array is expected to produce the following glare for this receptor:

- 3,732 minutes of "green" glare with low potential to cause temporary after-image.
- 2,013 minutes of "yellow" glare with potential to cause temporary after-image.





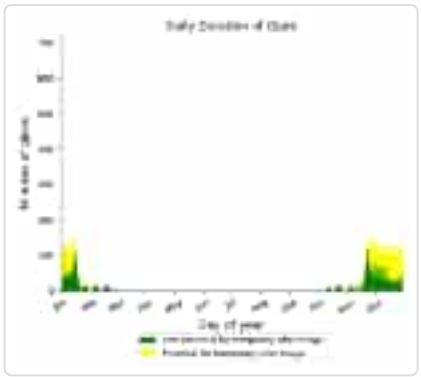


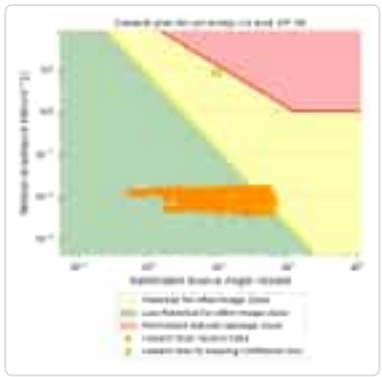


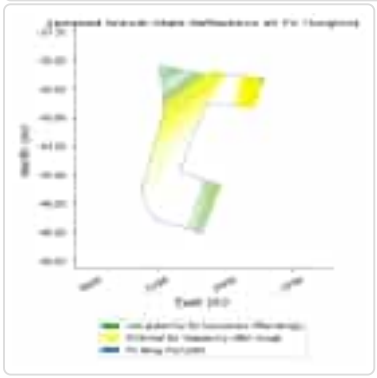
PV array 14: OP 48

PV array is expected to produce the following glare for this receptor:

- 3,441 minutes of "green" glare with low potential to cause temporary after-image.
- 4,562 minutes of "yellow" glare with potential to cause temporary after-image.



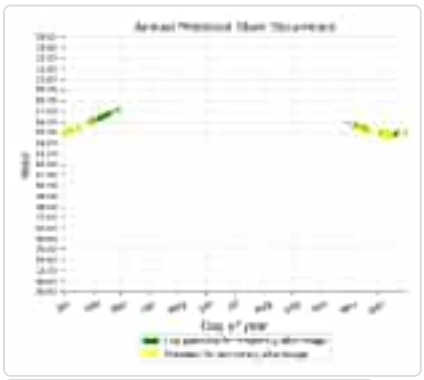


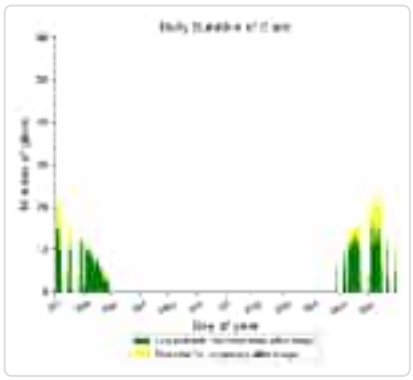


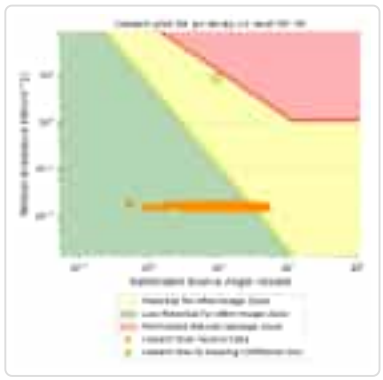
PV array 14: OP 49

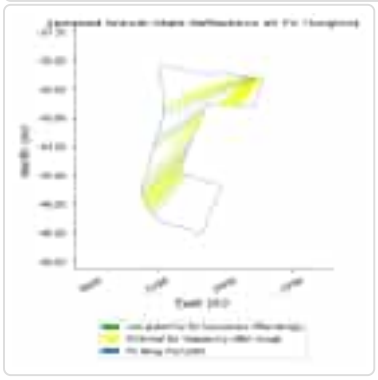
PV array is expected to produce the following glare for this receptor:

- 717 minutes of "green" glare with low potential to cause temporary after-image.
- 225 minutes of "yellow" glare with potential to cause temporary after-image.





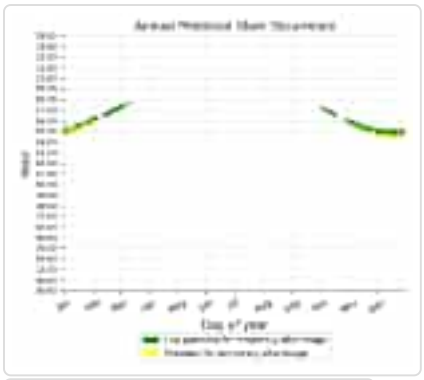


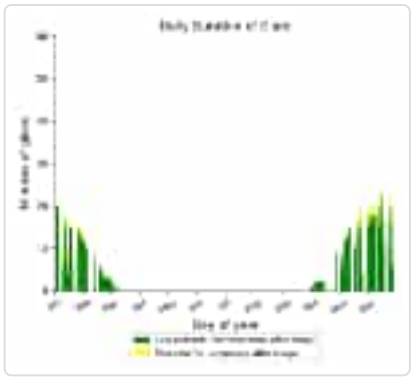


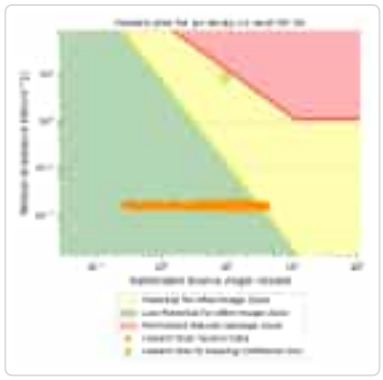
PV array 14: OP 50

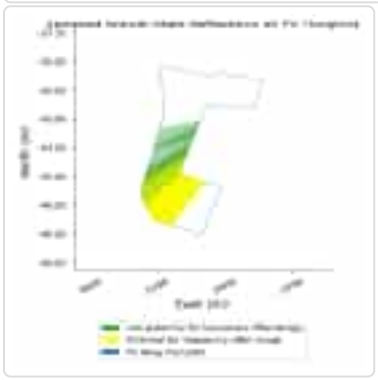
PV array is expected to produce the following glare for this receptor:

- 1,016 minutes of "green" glare with low potential to cause temporary after-image.
- 95 minutes of "yellow" glare with potential to cause temporary after-image.





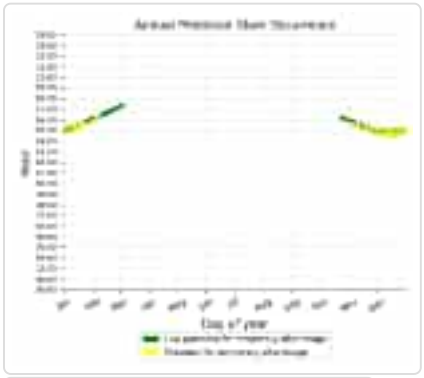


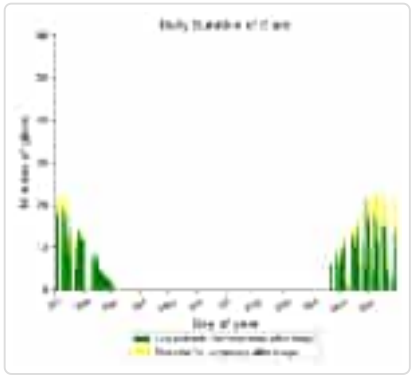


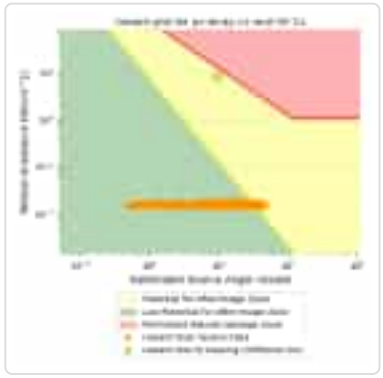
PV array 14: OP 51

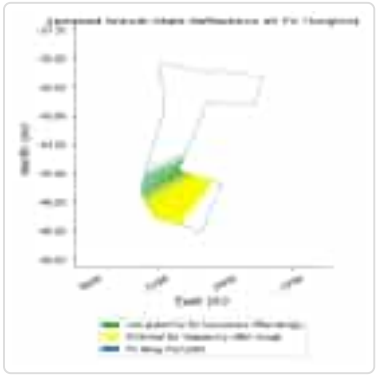
PV array is expected to produce the following glare for this receptor:

- 955 minutes of "green" glare with low potential to cause temporary after-image.
- 217 minutes of "yellow" glare with potential to cause temporary after-image.





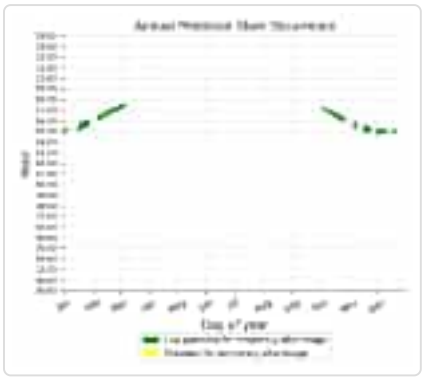


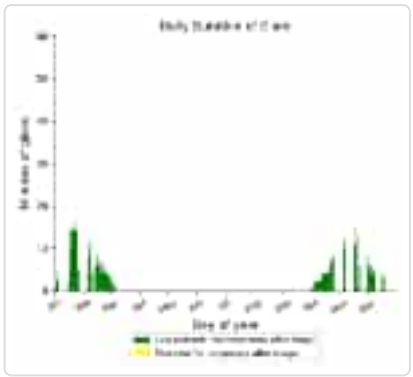


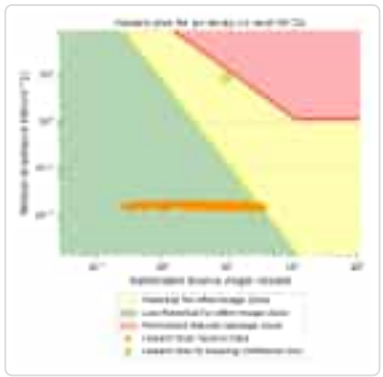
PV array 14: OP 52

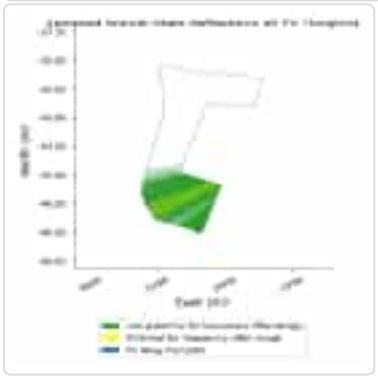
PV array is expected to produce the following glare for this receptor:

- 489 minutes of "green" glare with low potential to cause temporary after-image.
- 1 minutes of "yellow" glare with potential to cause temporary after-image.





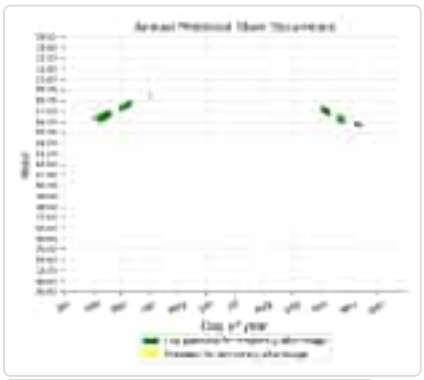


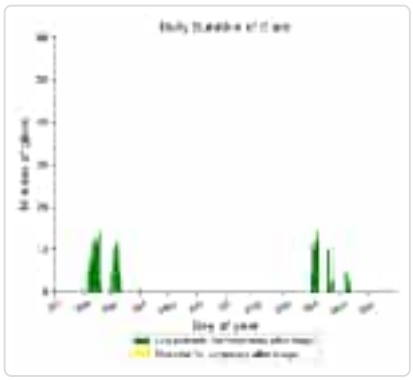


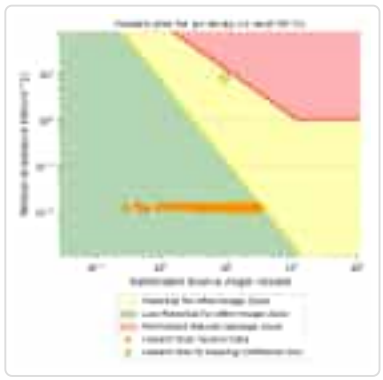
PV array 14: OP 53

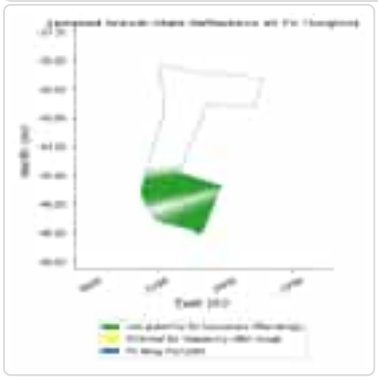
PV array is expected to produce the following glare for this receptor:

- 371 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





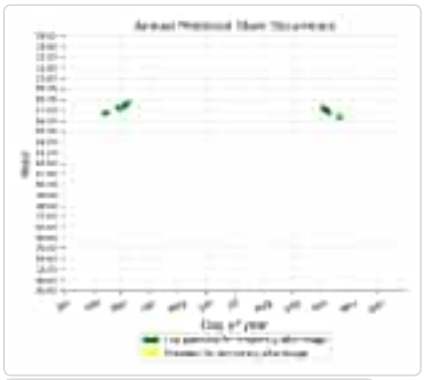


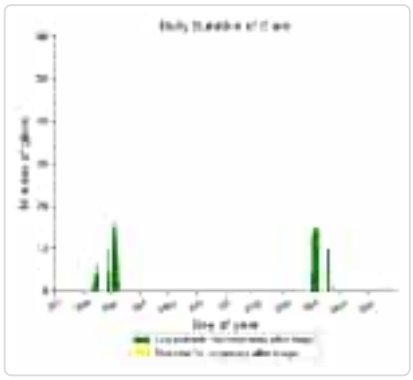


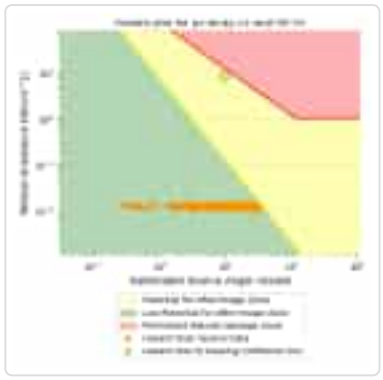
PV array 14: OP 54

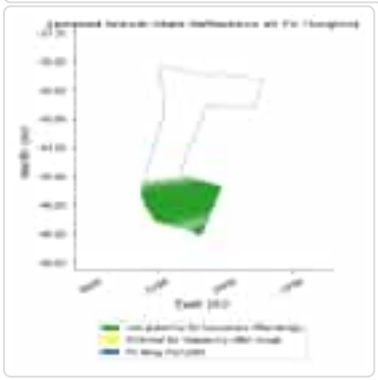
PV array is expected to produce the following glare for this receptor:

- 265 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





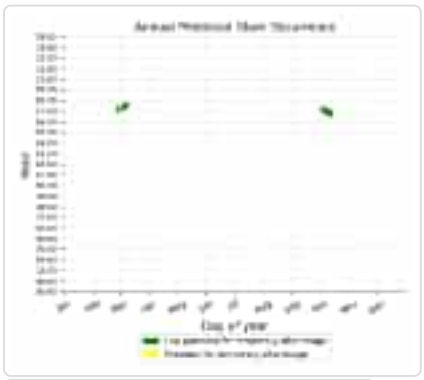


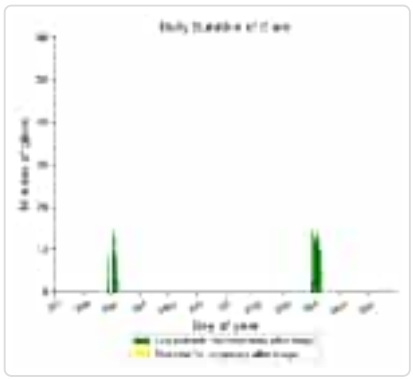


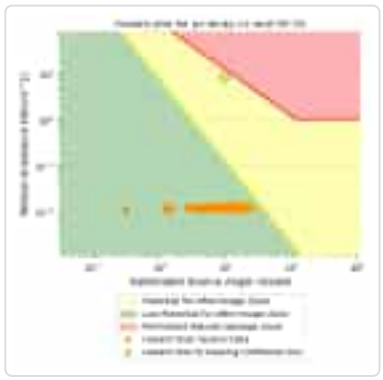
PV array 14: OP 55

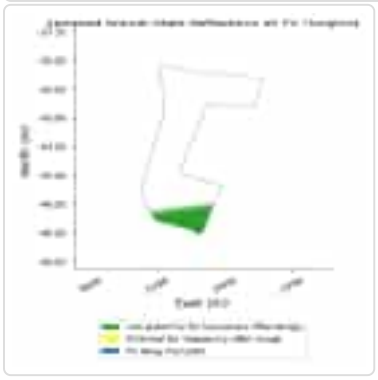
PV array is expected to produce the following glare for this receptor:

- 185 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





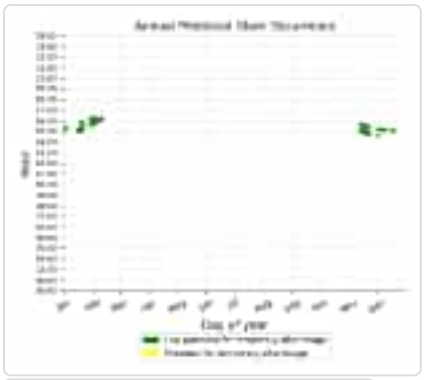


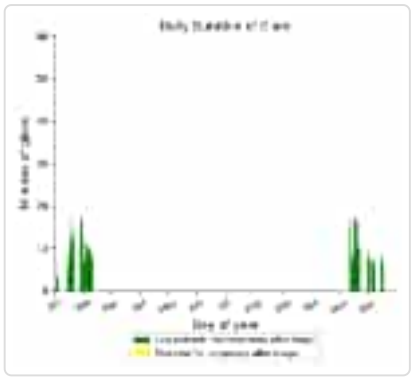


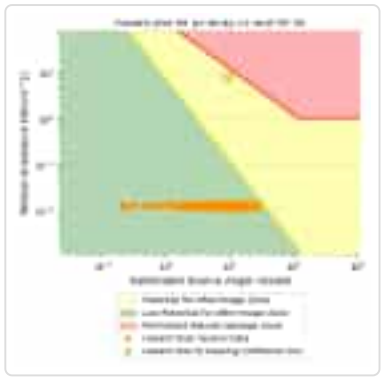
PV array 14: OP 56

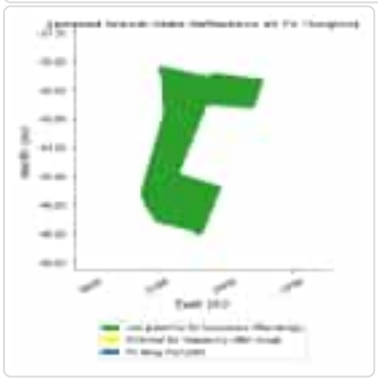
PV array is expected to produce the following glare for this receptor:

- 442 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





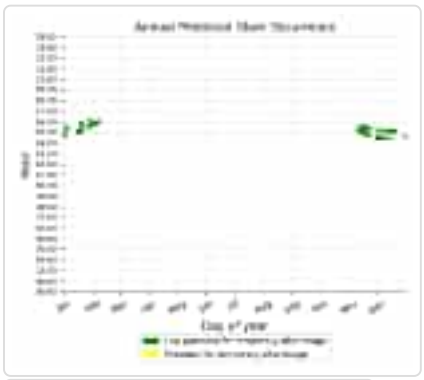


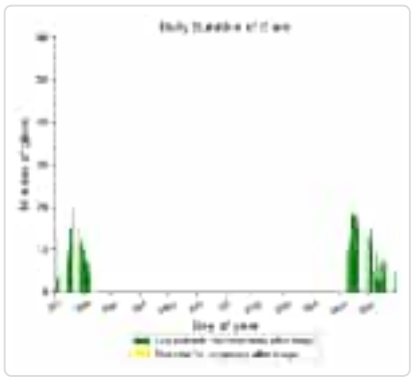


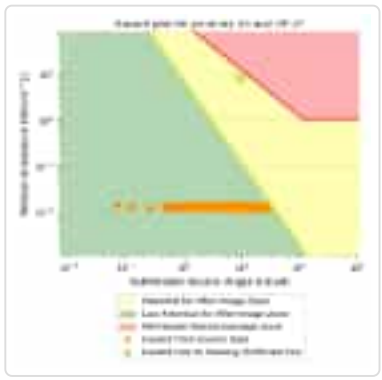
PV array 14: OP 57

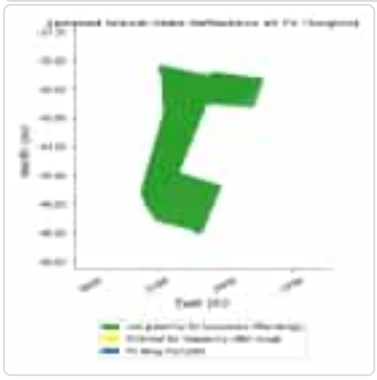
PV array is expected to produce the following glare for this receptor:

- 508 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





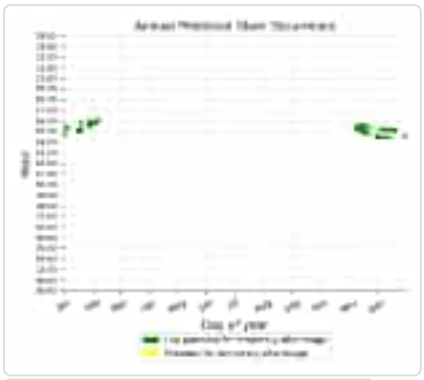


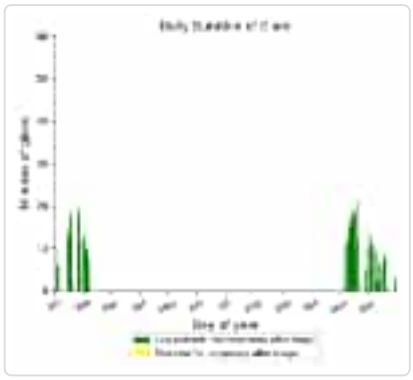


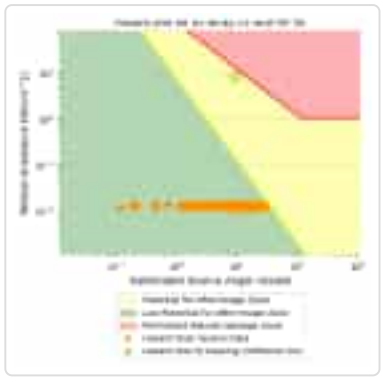
PV array 14: OP 58

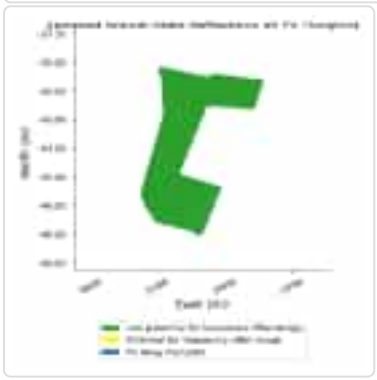
PV array is expected to produce the following glare for this receptor:

- 604 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





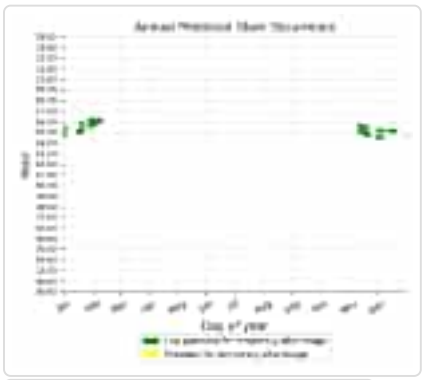


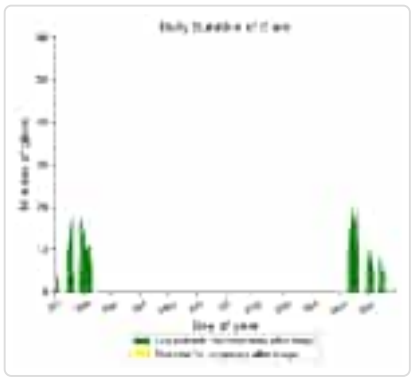


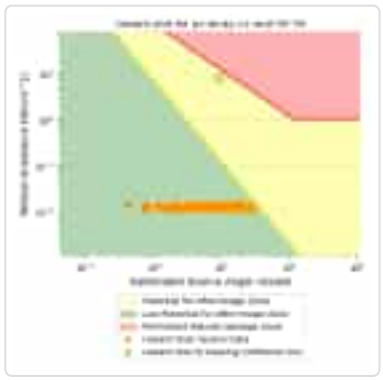
PV array 14: OP 59

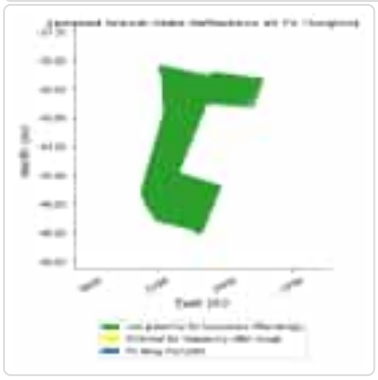
PV array is expected to produce the following glare for this receptor:

- 504 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





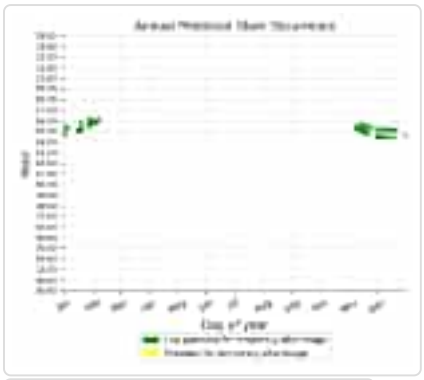


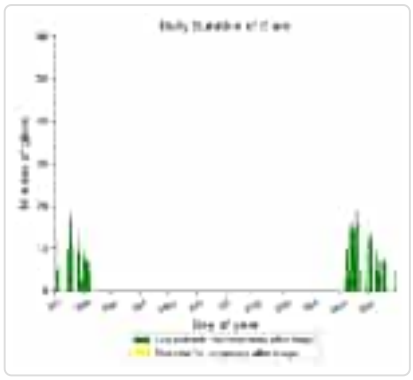


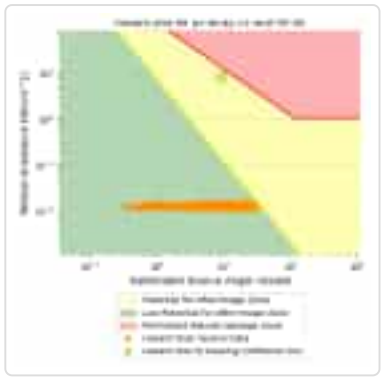
PV array 14: OP 60

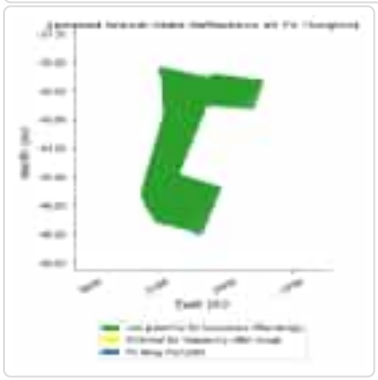
PV array is expected to produce the following glare for this receptor:

- 542 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





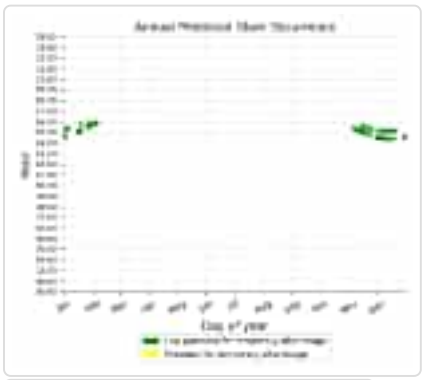


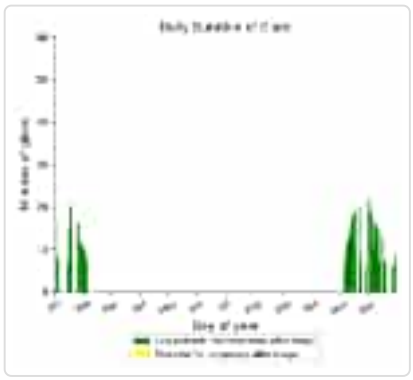


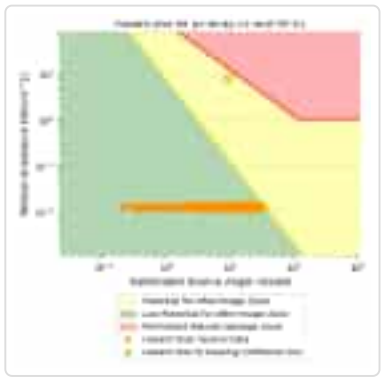
PV array 14: OP 61

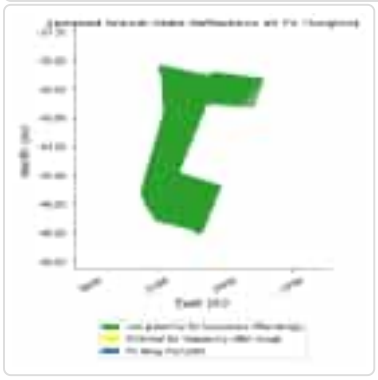
PV array is expected to produce the following glare for this receptor:

- 742 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





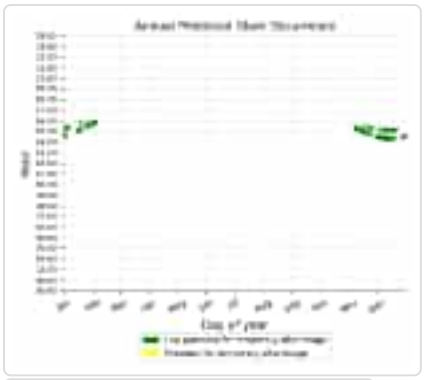


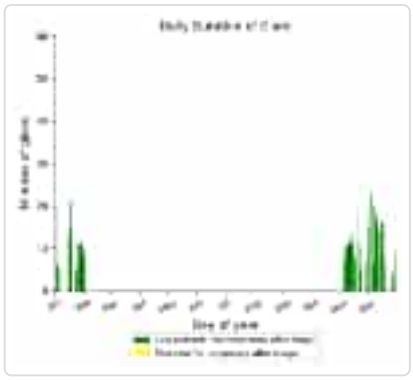


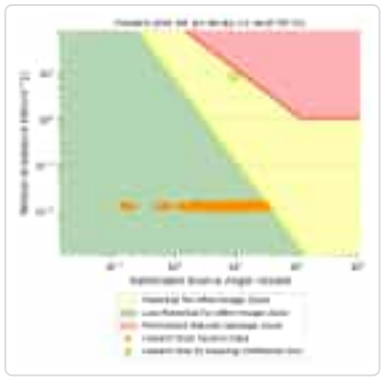
PV array 14: OP 62

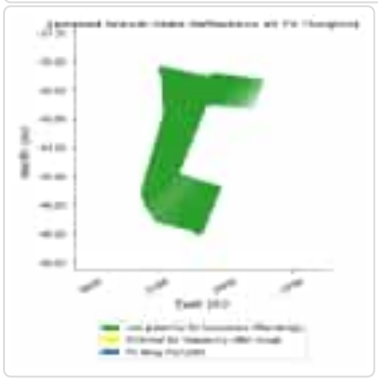
PV array is expected to produce the following glare for this receptor:

- 629 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





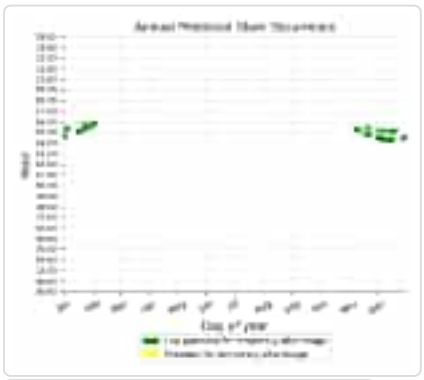


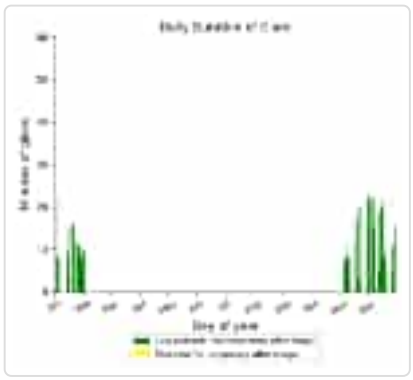


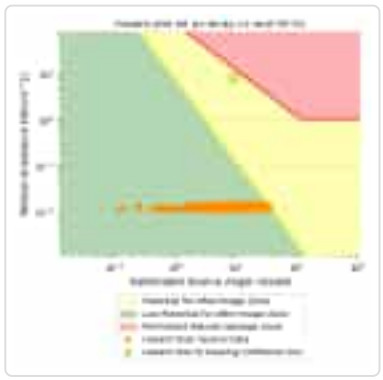
PV array 14: OP 63

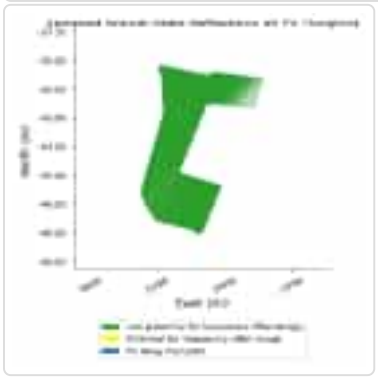
PV array is expected to produce the following glare for this receptor:

- 686 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





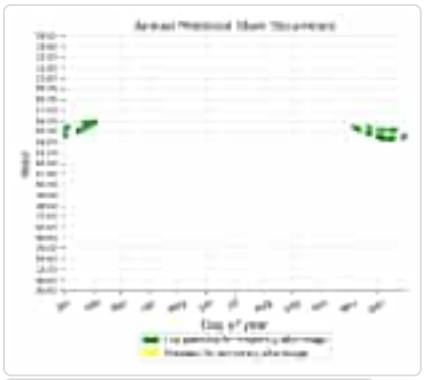


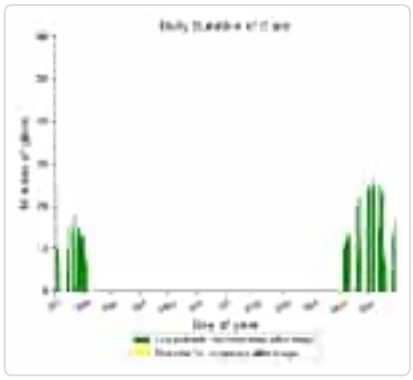


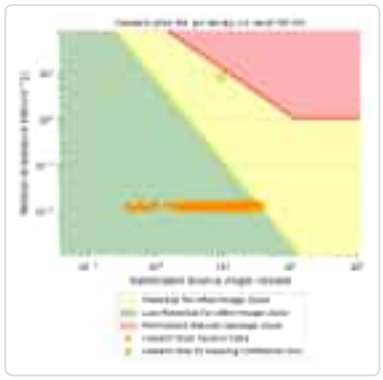
PV array 14: OP 64

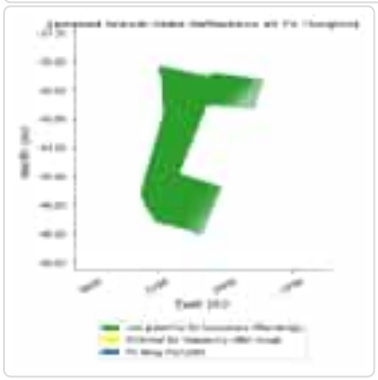
PV array is expected to produce the following glare for this receptor:

- 851 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





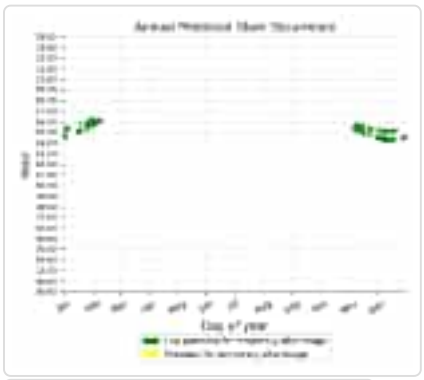


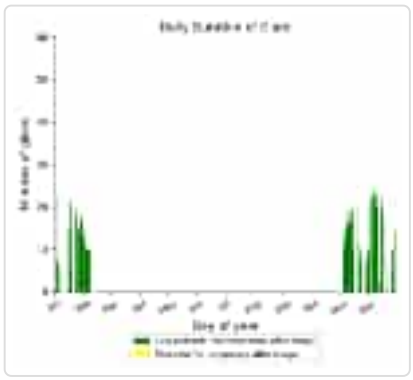


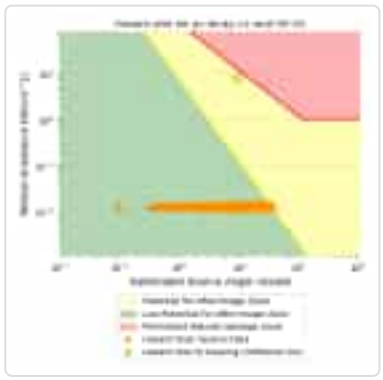
PV array 14: OP 65

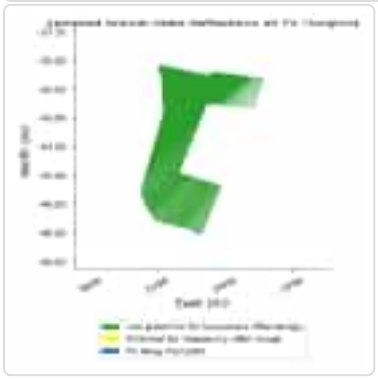
PV array is expected to produce the following glare for this receptor:

- 880 minutes of "green" glare with low potential to cause temporary after-image.
- 1 minutes of "yellow" glare with potential to cause temporary after-image.





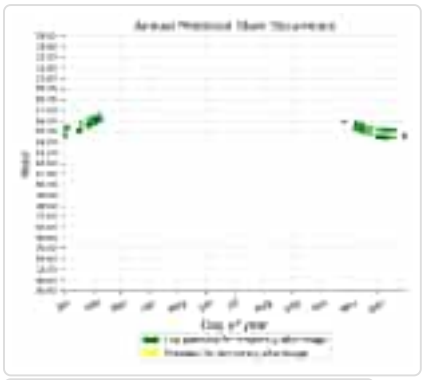


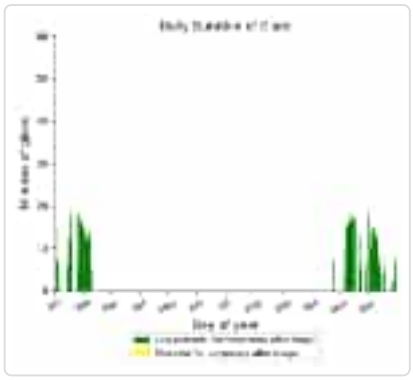


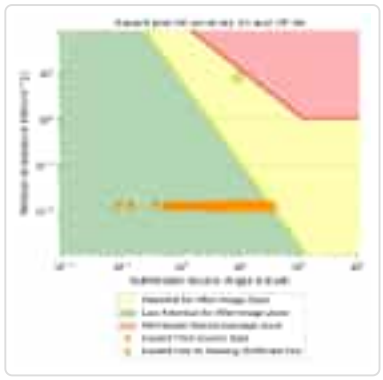
PV array 14: OP 66

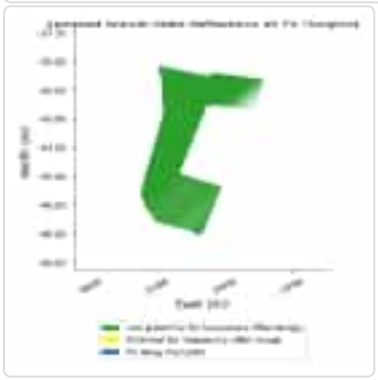
PV array is expected to produce the following glare for this receptor:

- 722 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





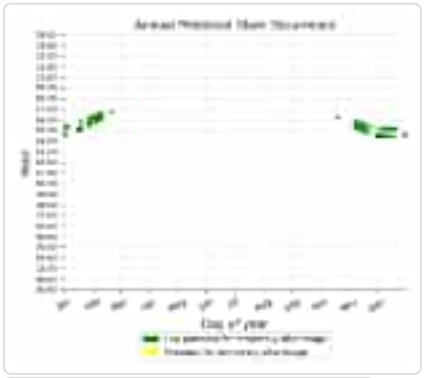


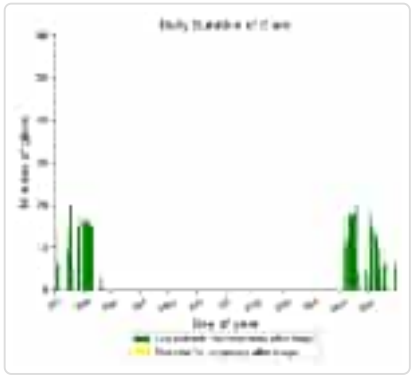


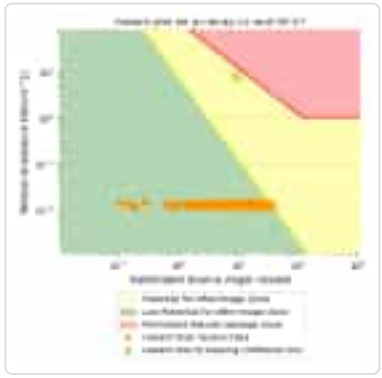
PV array 14: OP 67

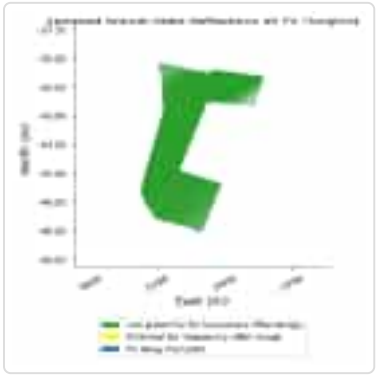
PV array is expected to produce the following glare for this receptor:

- 770 minutes of "green" glare with low potential to cause temporary after-image.
- 1 minutes of "yellow" glare with potential to cause temporary after-image.





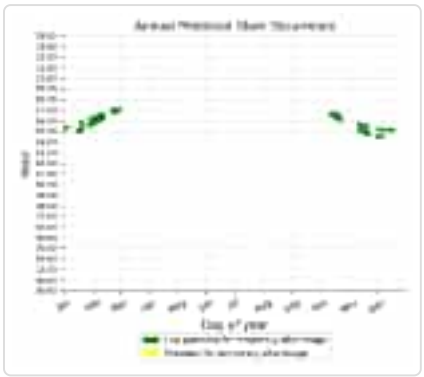


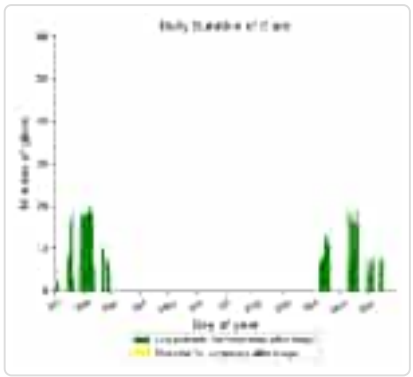


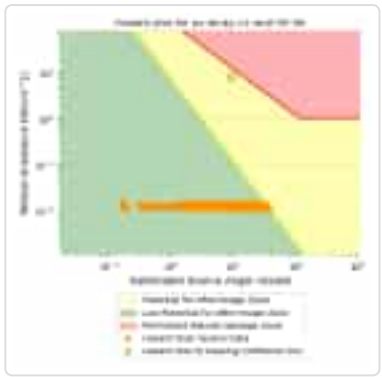
PV array 14: OP 68

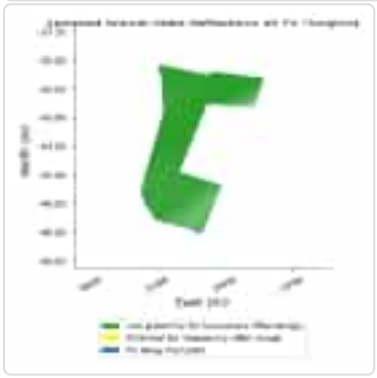
PV array is expected to produce the following glare for this receptor:

- 780 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





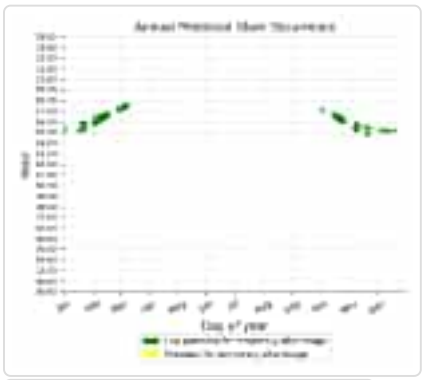


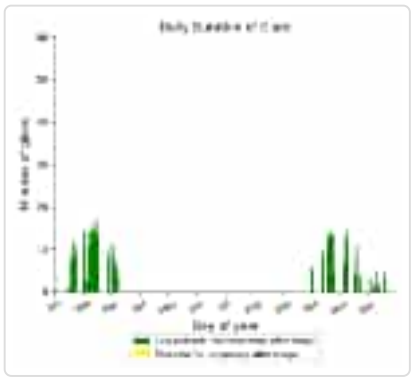


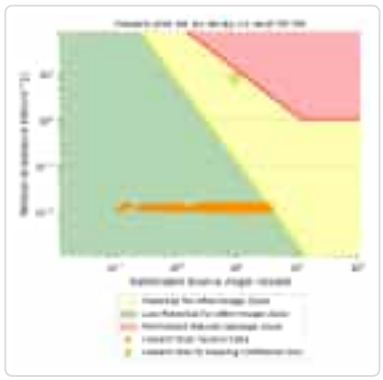
PV array 14: OP 69

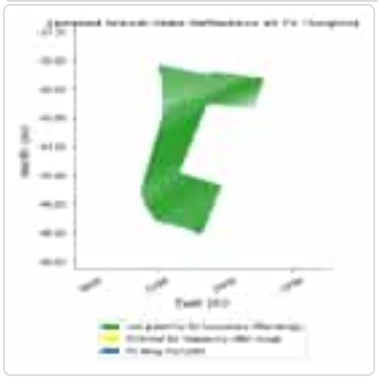
PV array is expected to produce the following glare for this receptor:

- 639 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





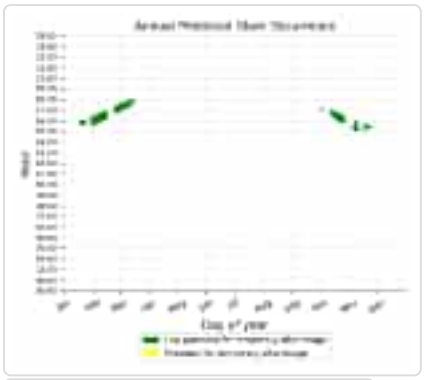


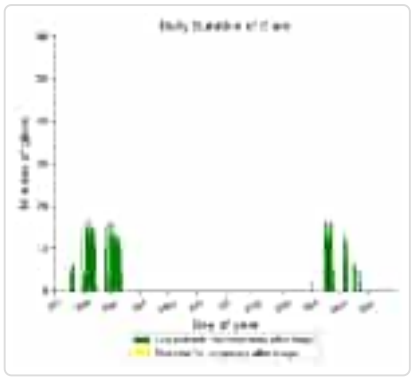


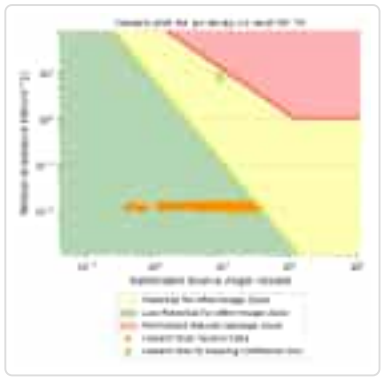
PV array 14: OP 70

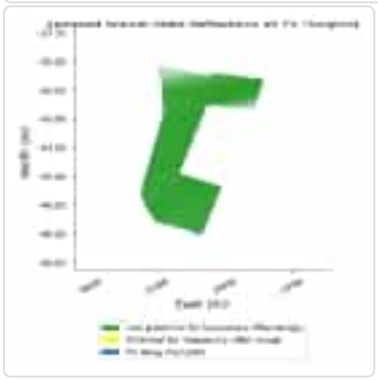
PV array is expected to produce the following glare for this receptor:

- 685 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





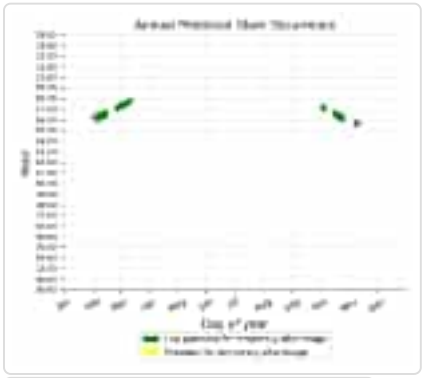


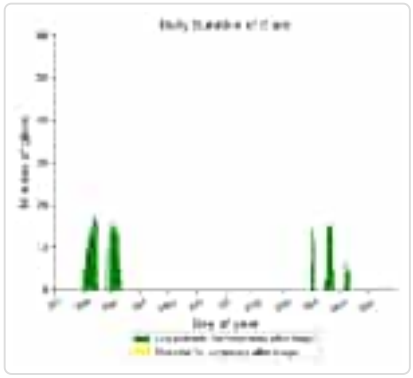


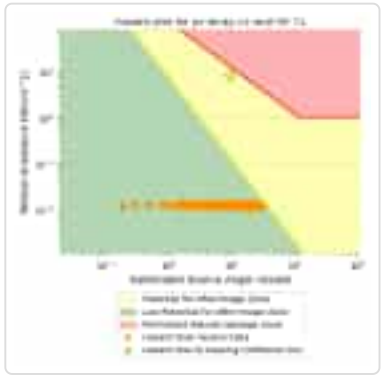
PV array 14: OP 71

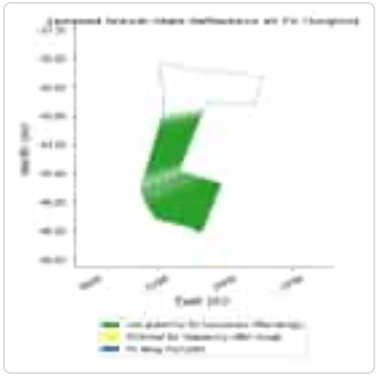
PV array is expected to produce the following glare for this receptor:

- 546 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





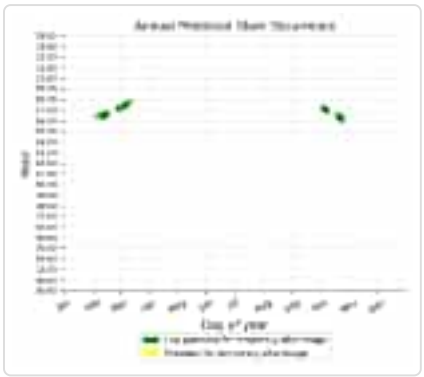


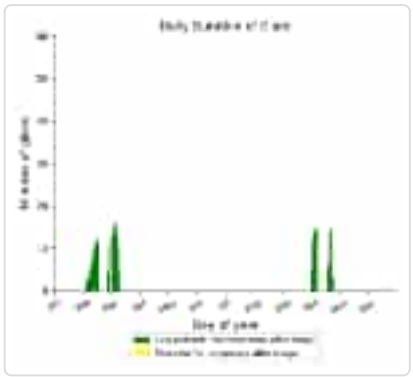


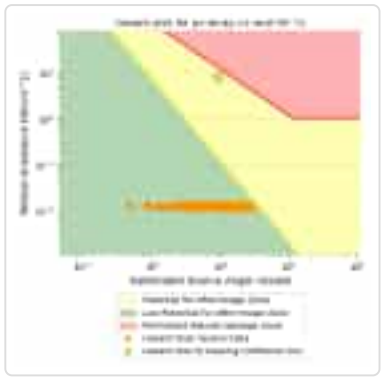
PV array 14: OP 72

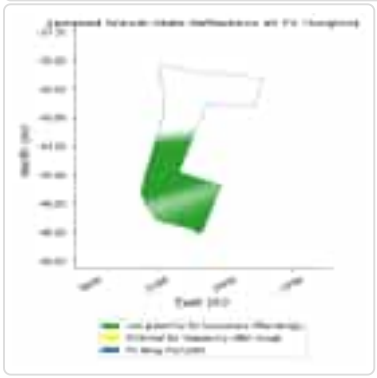
PV array is expected to produce the following glare for this receptor:

- 377 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





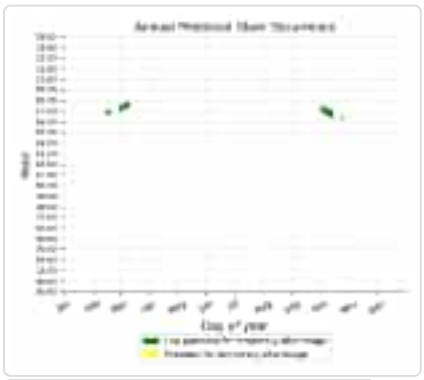


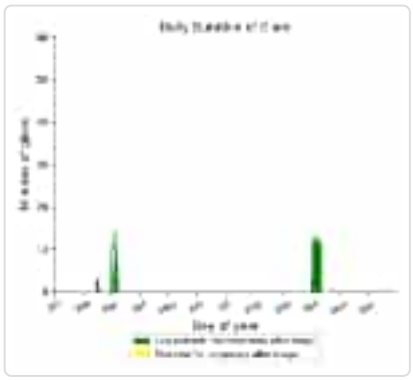


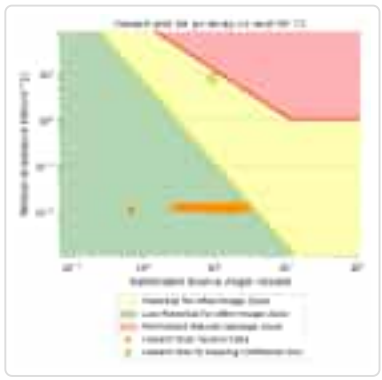
PV array 14: OP 73

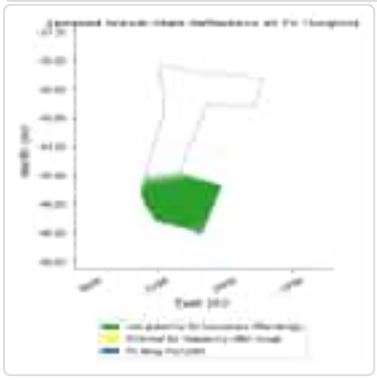
PV array is expected to produce the following glare for this receptor:

- 219 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	195	0
OP: OP 24	385	0
OP: OP 25	380	0

OP: OP 26	427	0
OP: OP 27	170	0
OP: OP 28	115	0
OP: OP 29	350	0
OP: OP 30	220	0
OP: OP 31	174	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	190	4
OP: OP 53	31	0
OP: OP 54	690	0
OP: OP 55	567	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	377	0
OP: OP 71	386	0
OP: OP 72	454	0
OP: OP 73	420	0

PV array 15: OP 1

No glare found

PV array 15: OP 2

No glare found

PV array 15: OP 3

No glare found

PV array 15: OP 4

No glare found

PV array 15: OP 5

No glare found

PV array 15: OP 6

No glare found

PV array 15: OP 7

No glare found

PV array 15: OP 8

No glare found

PV array 15: OP 9

No glare found

PV array 15: OP 10

No glare found

PV array 15: OP 11

No glare found

PV array 15: OP 12

No glare found

PV array 15: OP 13

No glare found

PV array 15: OP 14

No glare found

PV array 15: OP 15

No glare found

PV array 15: OP 16

No glare found

PV array 15: OP 17

No glare found

PV array 15: OP 18

No glare found

PV array 15: OP 19

No glare found

PV array 15: OP 20

No glare found

PV array 15: OP 21

No glare found

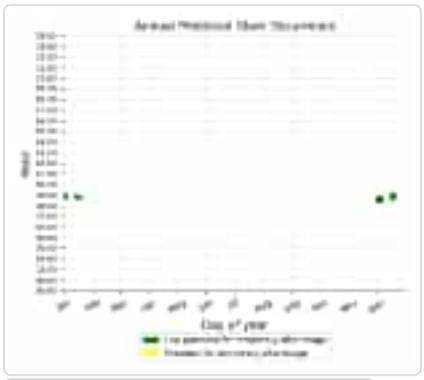
PV array 15: OP 22

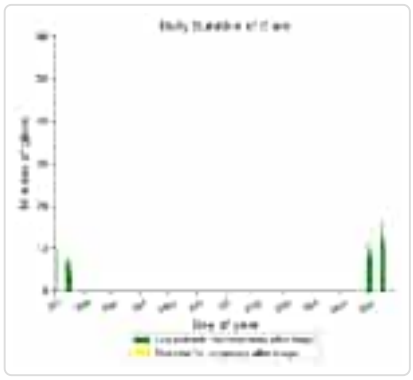
No glare found

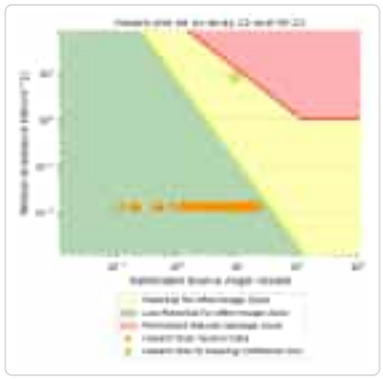
PV array 15: OP 23

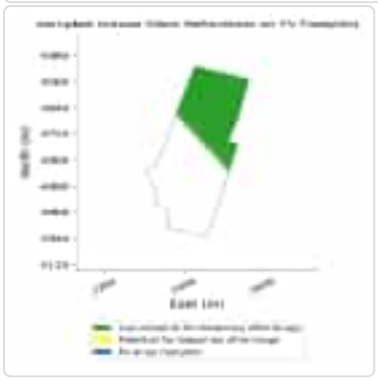
PV array is expected to produce the following glare for this receptor:

- 195 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





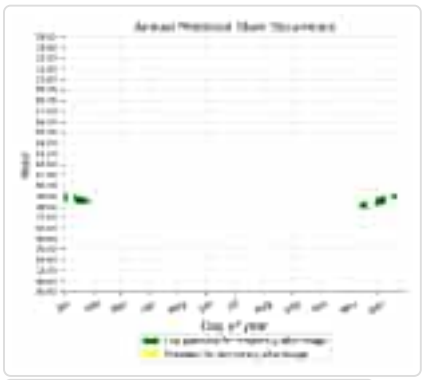


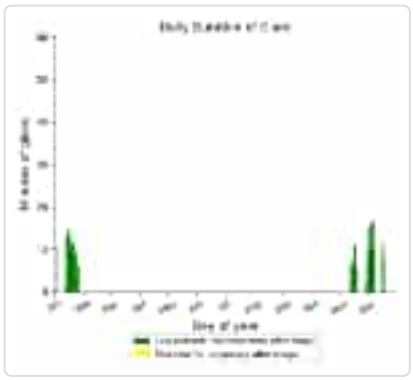


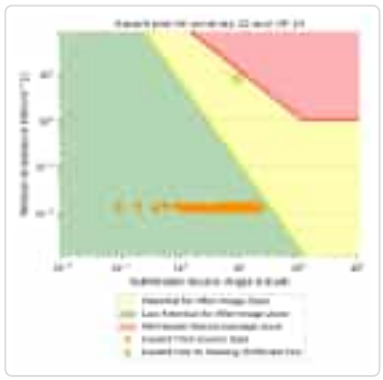
PV array 15: OP 24

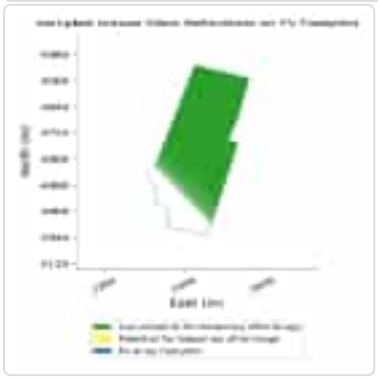
PV array is expected to produce the following glare for this receptor:

- 385 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





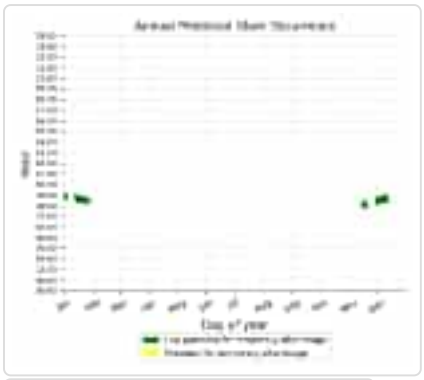


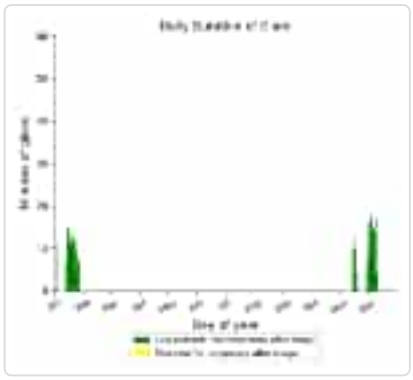


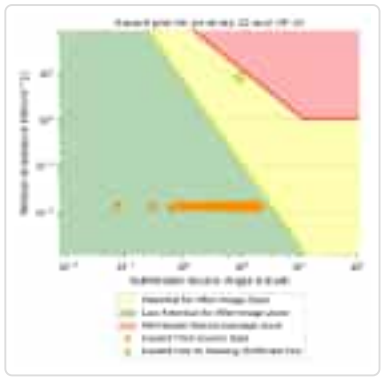
PV array 15: OP 25

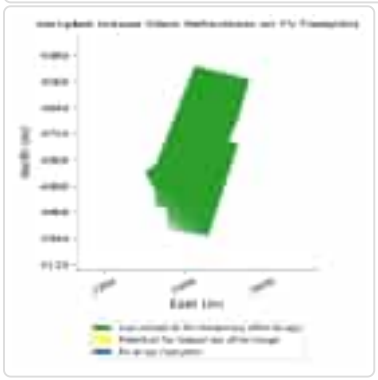
PV array is expected to produce the following glare for this receptor:

- 380 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





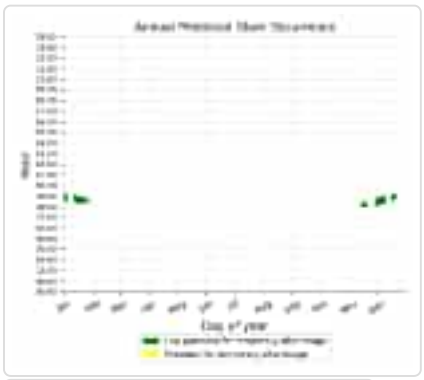


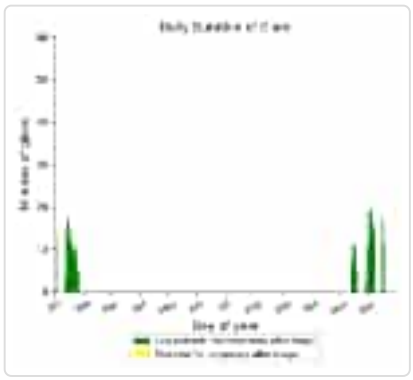


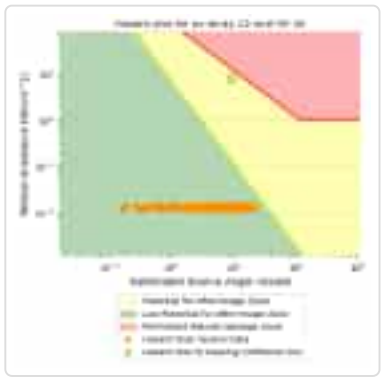
PV array 15: OP 26

PV array is expected to produce the following glare for this receptor:

- 427 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



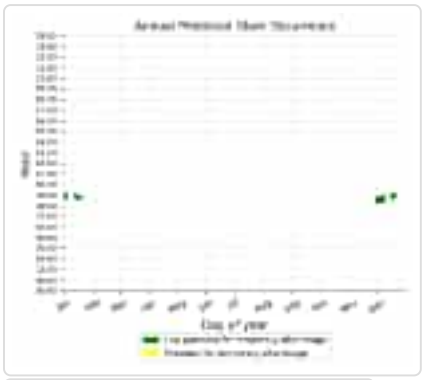


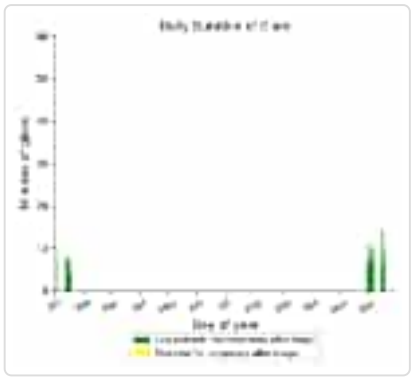


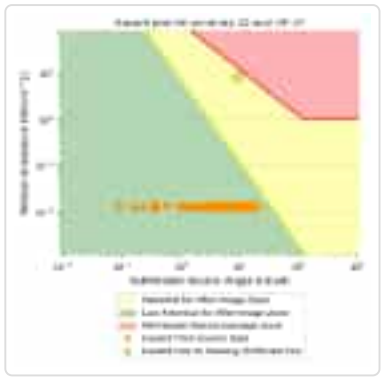
PV array 15: OP 27

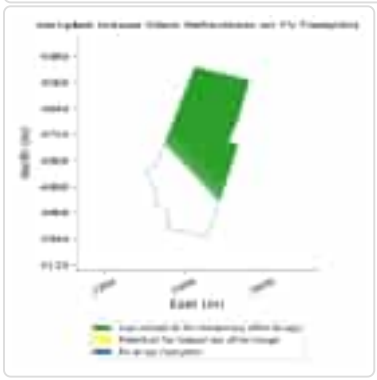
PV array is expected to produce the following glare for this receptor:

- 170 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





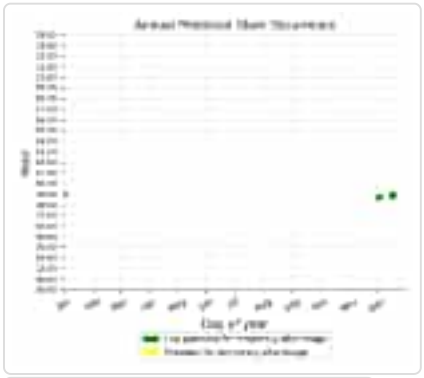


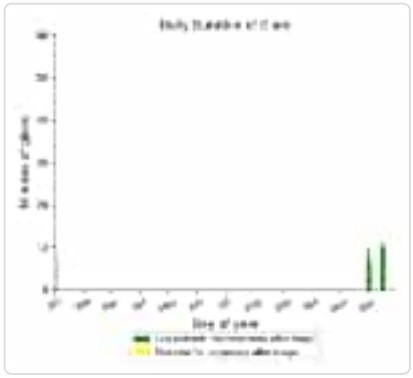


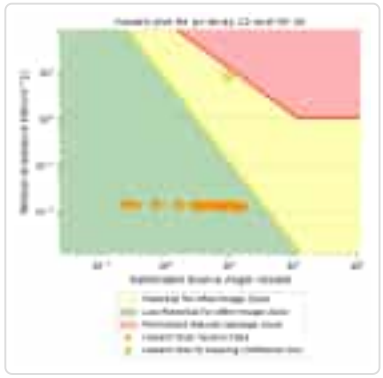
PV array 15: OP 28

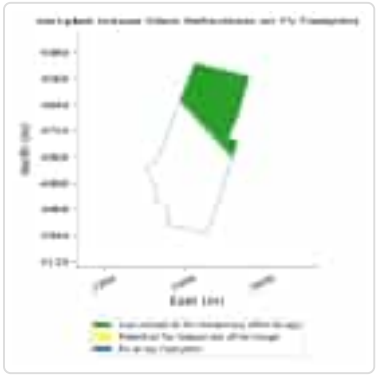
PV array is expected to produce the following glare for this receptor:

- 115 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





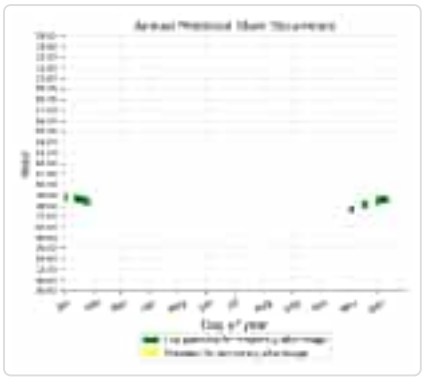


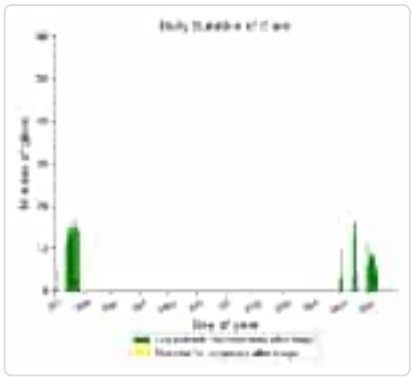


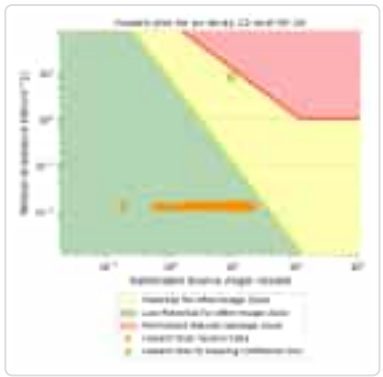
PV array 15: OP 29

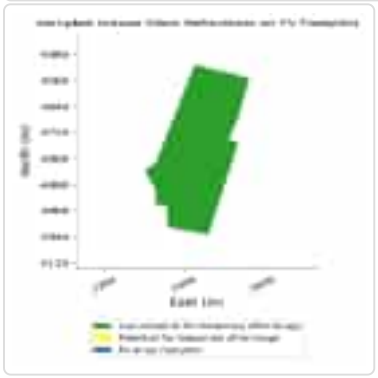
PV array is expected to produce the following glare for this receptor:

- 350 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





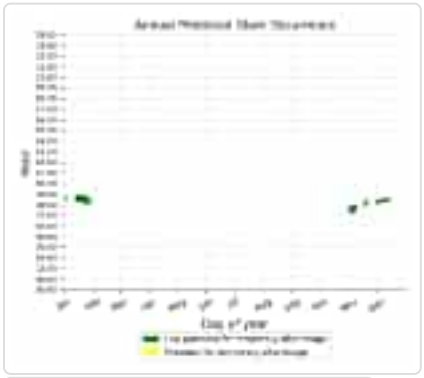


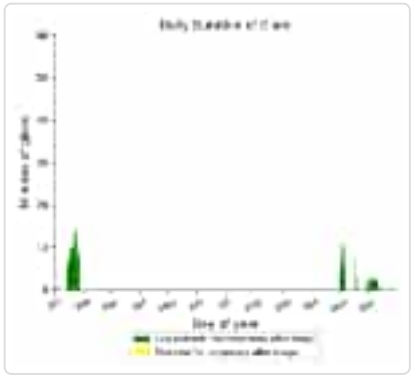


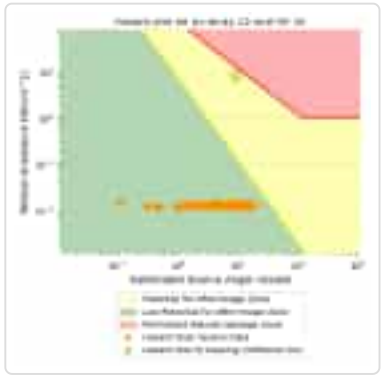
PV array 15: OP 30

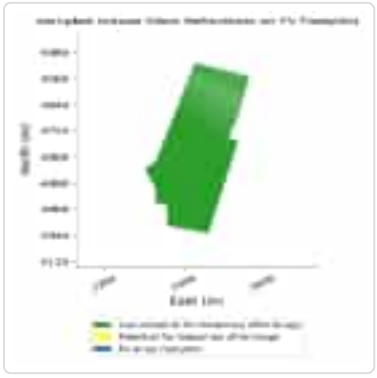
PV array is expected to produce the following glare for this receptor:

- 220 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





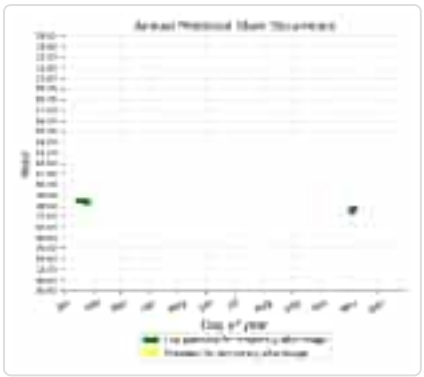


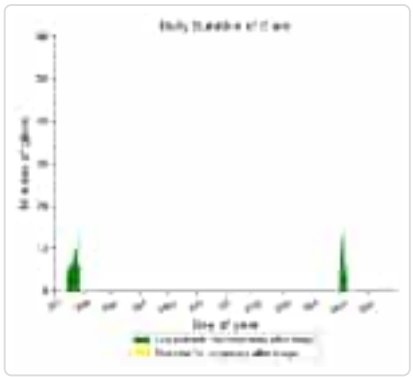


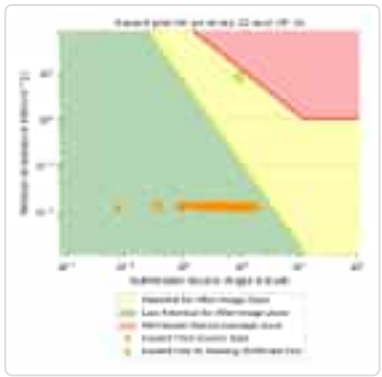
PV array 15: OP 31

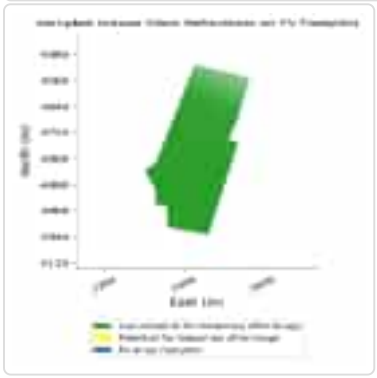
PV array is expected to produce the following glare for this receptor:

- 174 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 32

No glare found

PV array 15: OP 33

No glare found

PV array 15: OP 34

No glare found

PV array 15: OP 35

No glare found

PV array 15: OP 36

No glare found

PV array 15: OP 37

No glare found

PV array 15: OP 38

No glare found

PV array 15: OP 39

No glare found

PV array 15: OP 40

No glare found

PV array 15: OP 41

No glare found

PV array 15: OP 42

No glare found

PV array 15: OP 43

No glare found

PV array 15: OP 44

No glare found

PV array 15: OP 45

No glare found

PV array 15: OP 46

No glare found

PV array 15: OP 47

No glare found

PV array 15: OP 48

No glare found

PV array 15: OP 49

No glare found

PV array 15: OP 50

No glare found

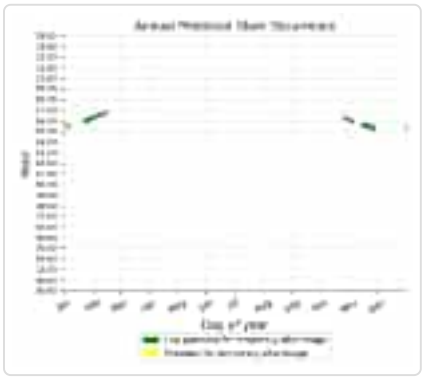
PV array 15: OP 51

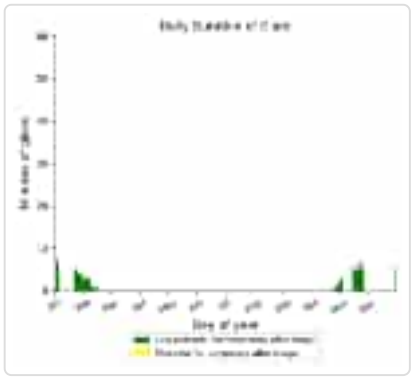
No glare found

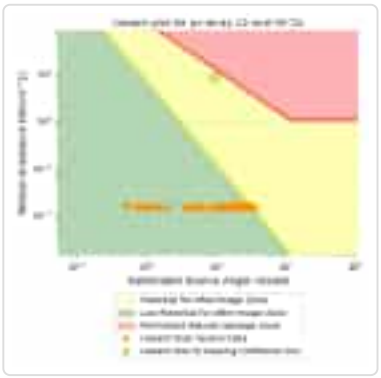
PV array 15: OP 52

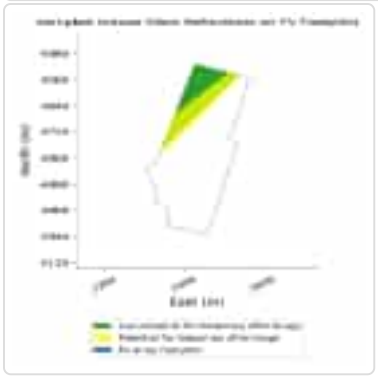
PV array is expected to produce the following glare for this receptor:

- 190 minutes of "green" glare with low potential to cause temporary after-image.
- 4 minutes of "yellow" glare with potential to cause temporary after-image.





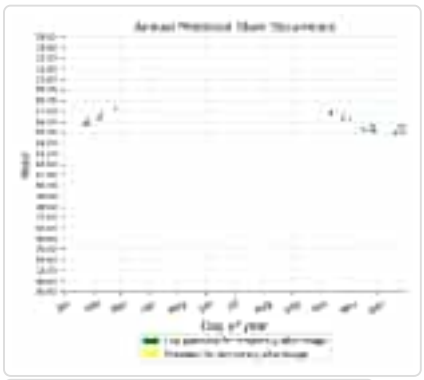


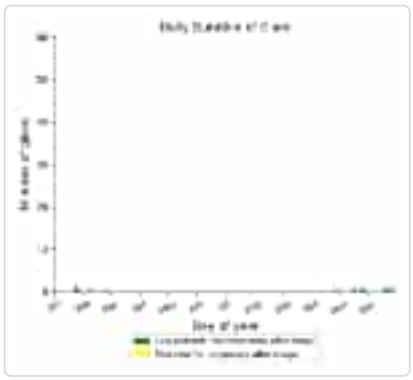


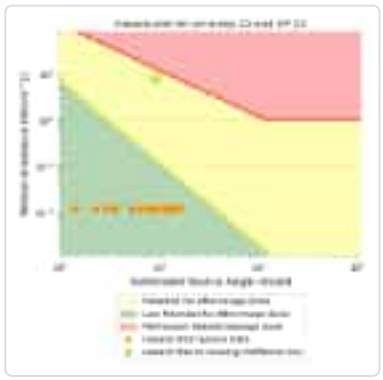
PV array 15: OP 53

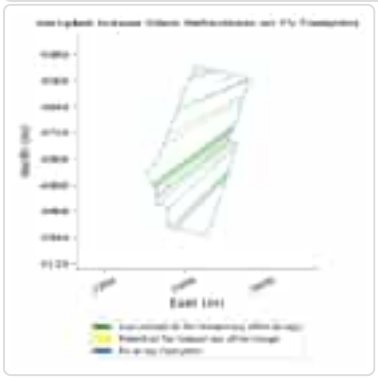
PV array is expected to produce the following glare for this receptor:

- 31 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





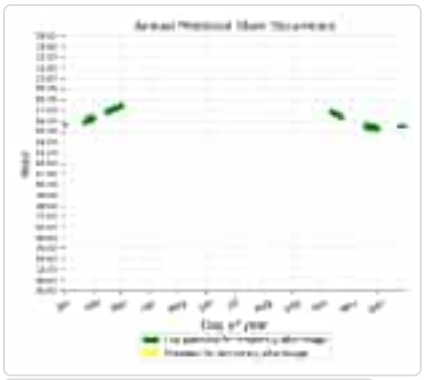


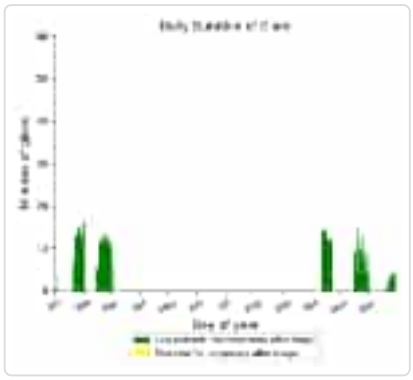


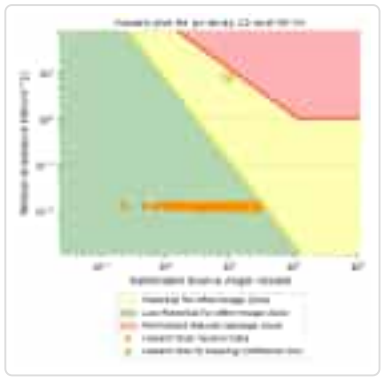
PV array 15: OP 54

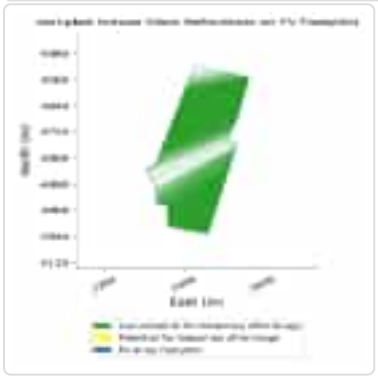
PV array is expected to produce the following glare for this receptor:

- 690 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





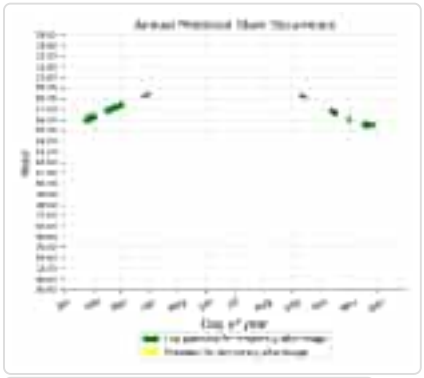


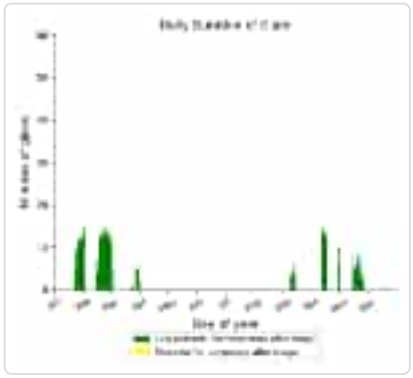


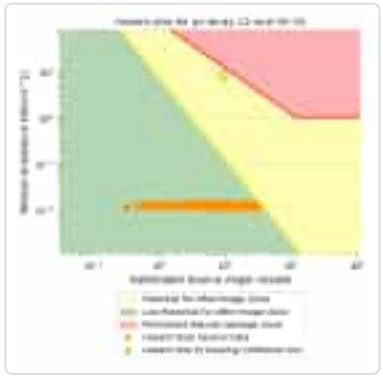
PV array 15: OP 55

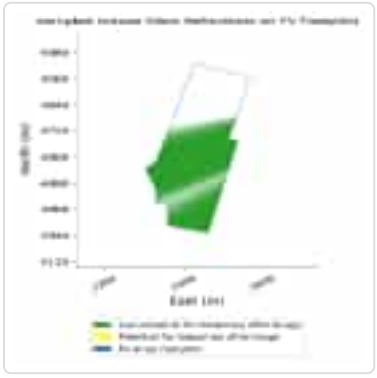
PV array is expected to produce the following glare for this receptor:

- 567 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 56

No glare found

PV array 15: OP 57

No glare found

PV array 15: OP 58

No glare found

PV array 15: OP 59

No glare found

PV array 15: OP 60

No glare found

PV array 15: OP 61

No glare found

PV array 15: OP 62

No glare found

PV array 15: OP 63

No glare found

PV array 15: OP 64

No glare found

PV array 15: OP 65

No glare found

PV array 15: OP 66

No glare found

PV array 15: OP 67

No glare found

PV array 15: OP 68

No glare found

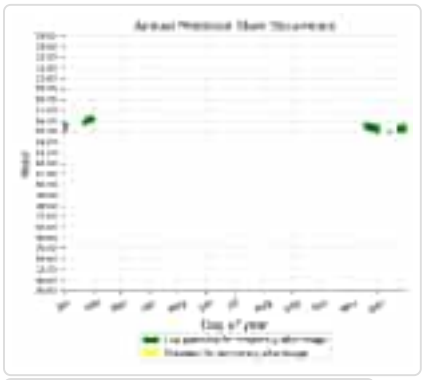
PV array 15: OP 69

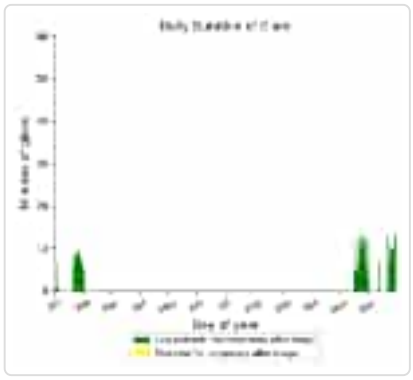
No glare found

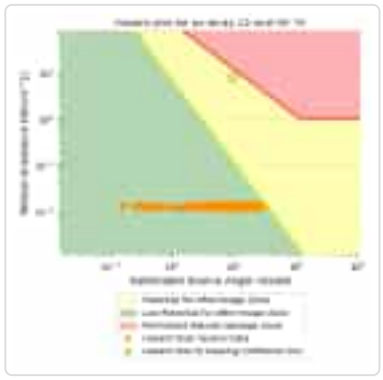
PV array 15: OP 70

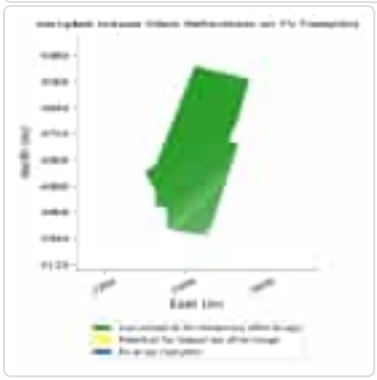
PV array is expected to produce the following glare for this receptor:

- 377 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





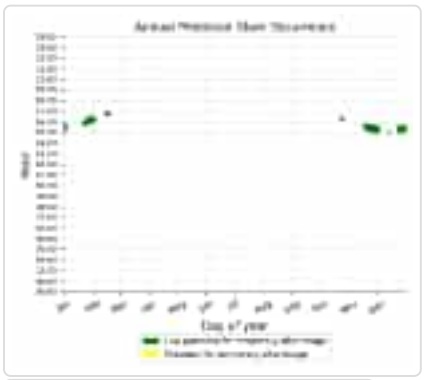


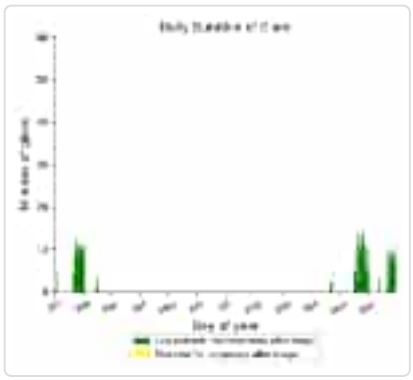


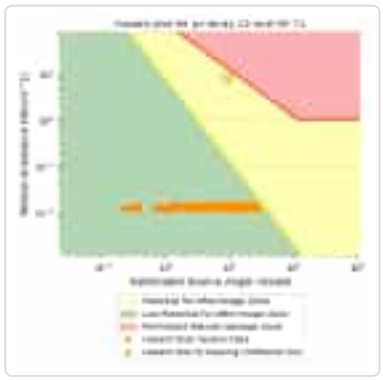
PV array 15: OP 71

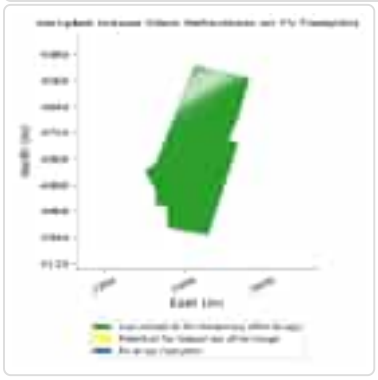
PV array is expected to produce the following glare for this receptor:

- 386 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





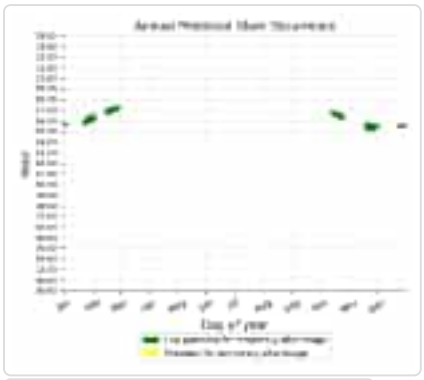


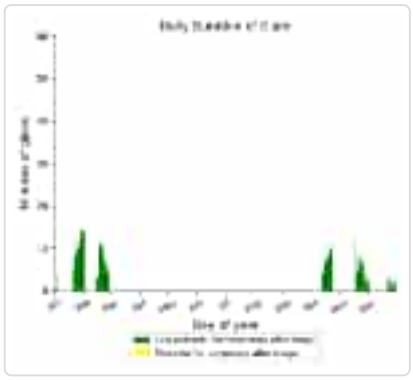


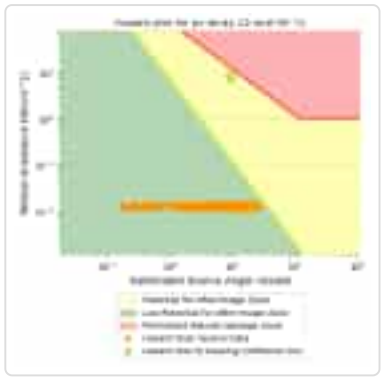
PV array 15: OP 72

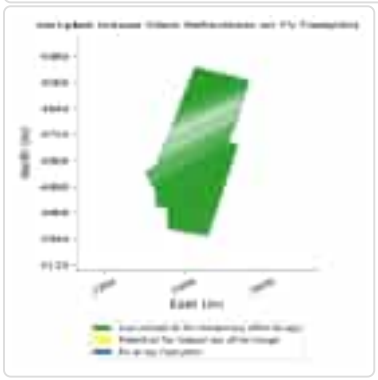
PV array is expected to produce the following glare for this receptor:

- 454 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





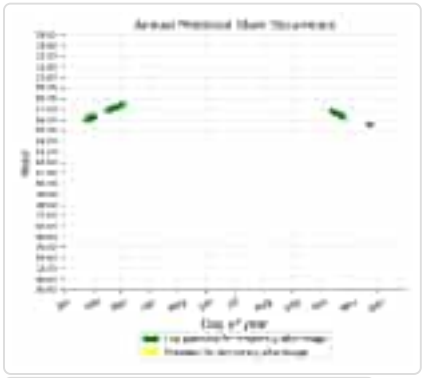


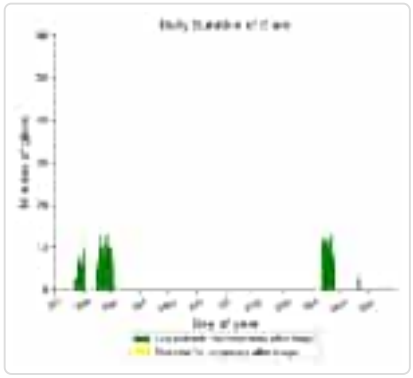


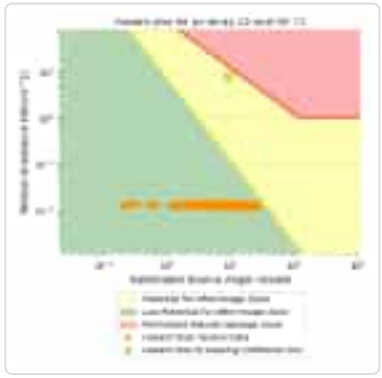
PV array 15: OP 73

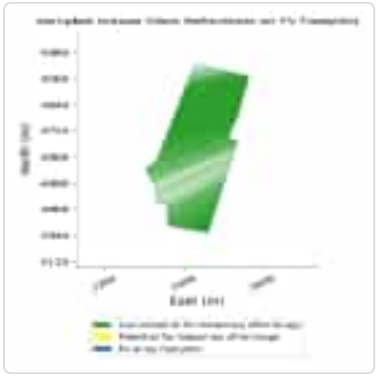
PV array is expected to produce the following glare for this receptor:

- 420 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2 low potential for temporary after-image

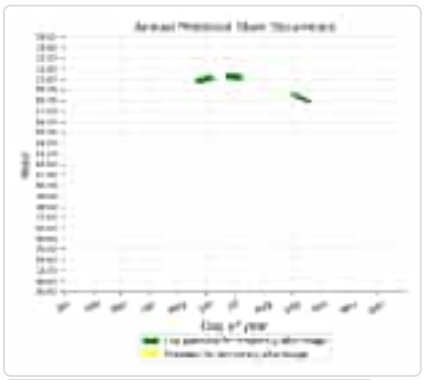
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	537	0
OP: OP 2	406	0
OP: OP 3	408	0
OP: OP 4	400	0
OP: OP 5	394	0
OP: OP 6	401	0
OP: OP 7	247	0
OP: OP 8	31	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0

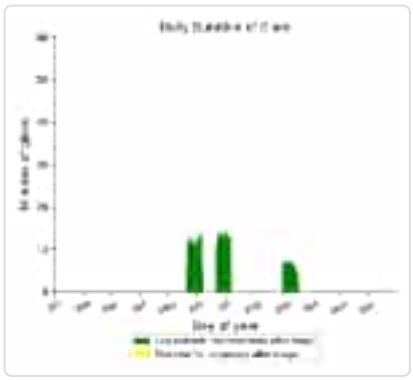
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	476	0
OP: OP 33	372	0
OP: OP 34	369	0
OP: OP 35	344	0
OP: OP 36	362	0
OP: OP 37	346	0
OP: OP 38	299	0
OP: OP 39	220	0
OP: OP 40	48	0
OP: OP 41	256	0
OP: OP 42	379	0
OP: OP 43	381	0
OP: OP 44	384	0
OP: OP 45	390	0
OP: OP 46	418	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	389	0
OP: OP 57	382	0
OP: OP 58	374	0
OP: OP 59	387	0
OP: OP 60	357	0
OP: OP 61	233	0
OP: OP 62	43	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0

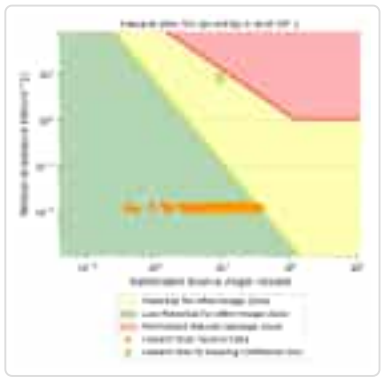
PV array 2: OP 1

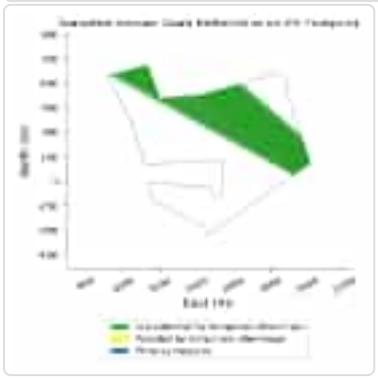
PV array is expected to produce the following glare for this receptor:

- 537 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





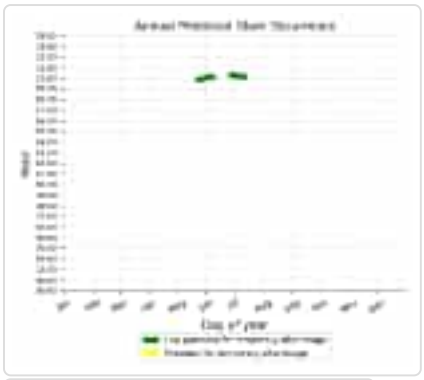


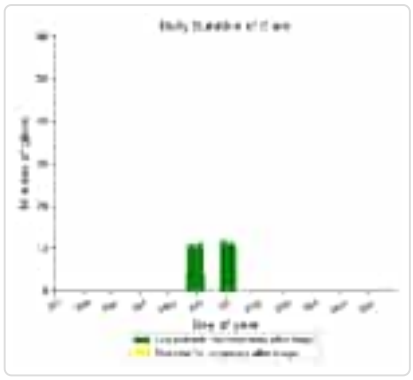


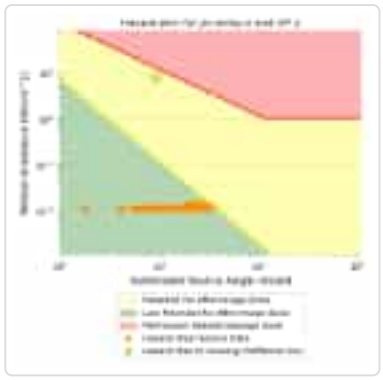
PV array 2: OP 2

PV array is expected to produce the following glare for this receptor:

- 406 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



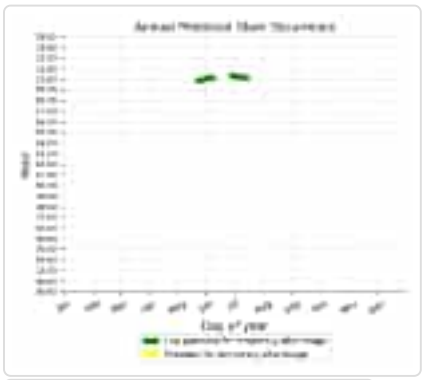


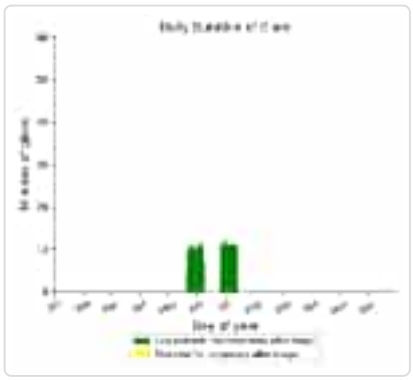


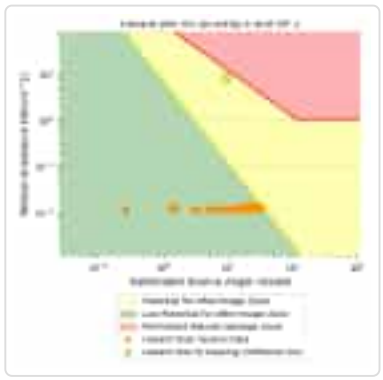
PV array 2: OP 3

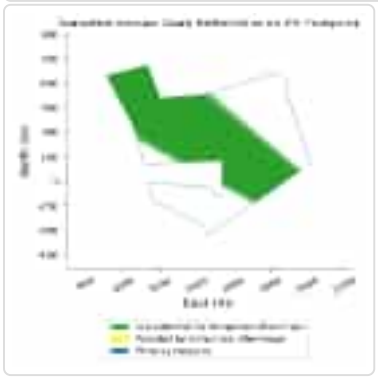
PV array is expected to produce the following glare for this receptor:

- 408 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





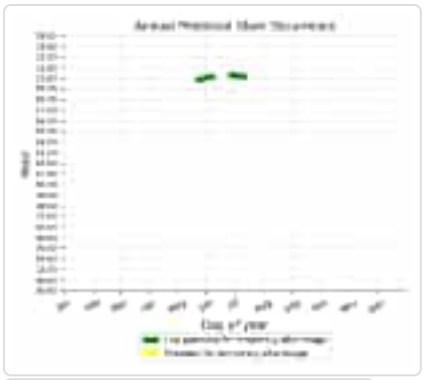


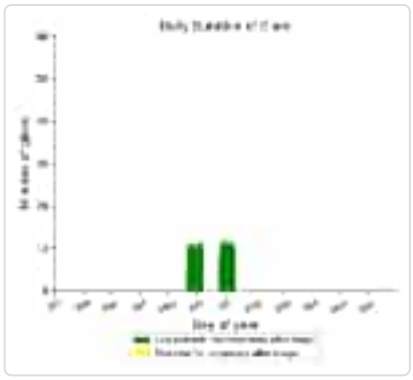


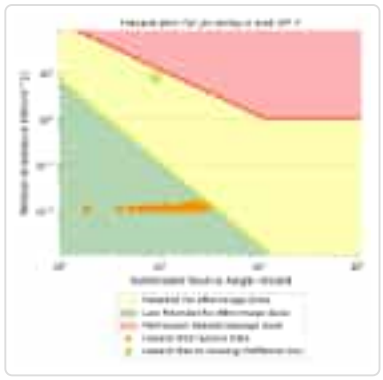
PV array 2: OP 4

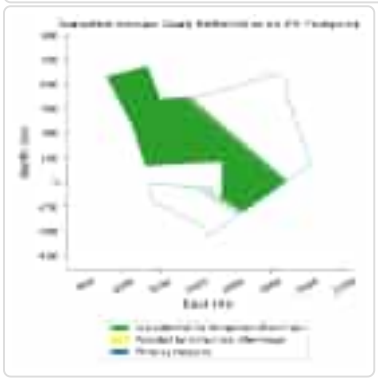
PV array is expected to produce the following glare for this receptor:

- 400 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





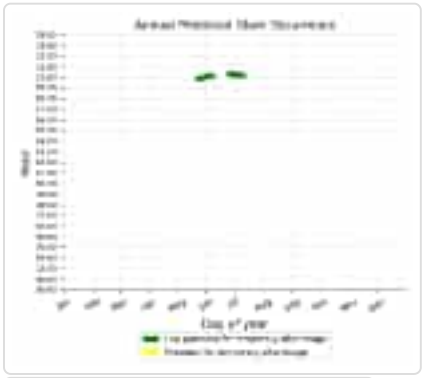


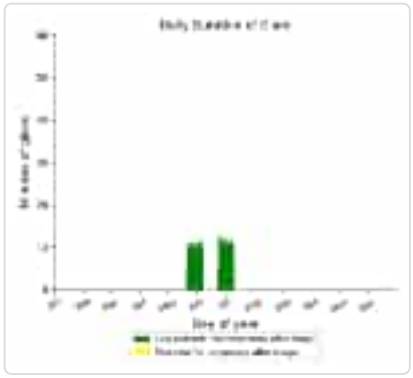


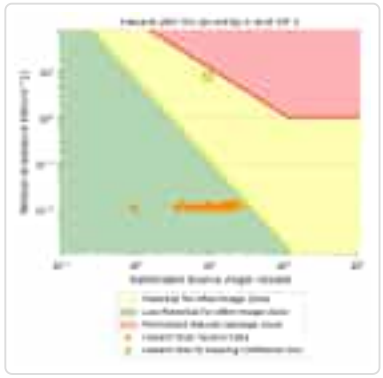
PV array 2: OP 5

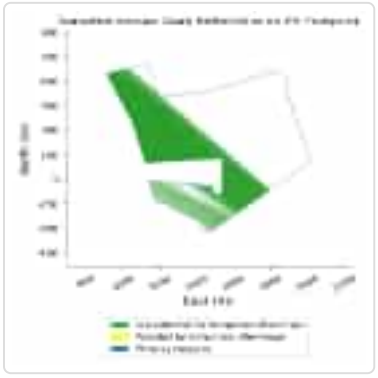
PV array is expected to produce the following glare for this receptor:

- 394 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





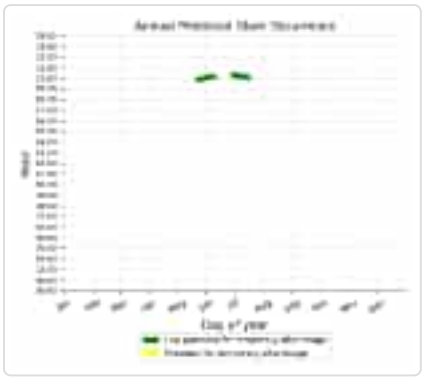


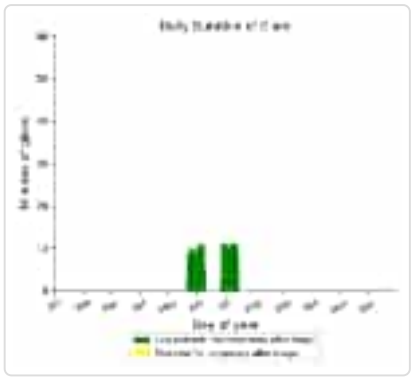


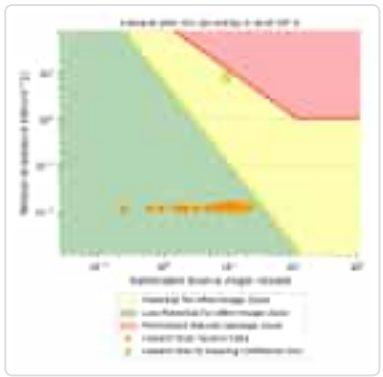
PV array 2: OP 6

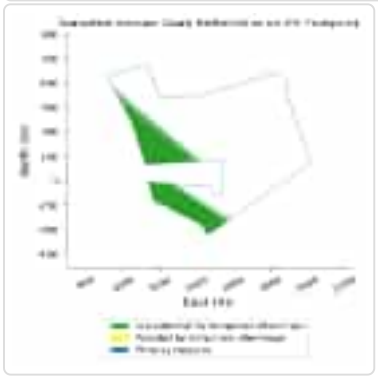
PV array is expected to produce the following glare for this receptor:

- 401 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





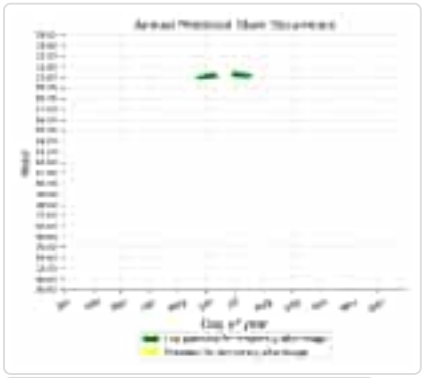


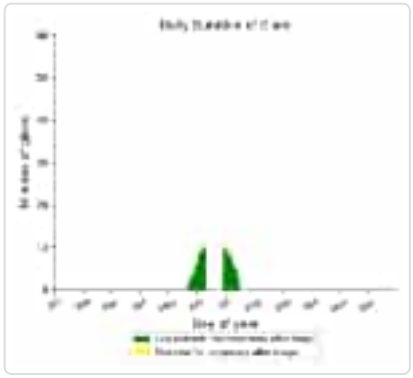


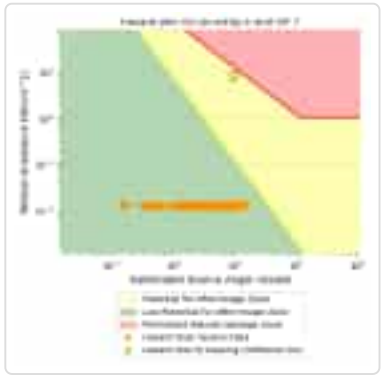
PV array 2: OP 7

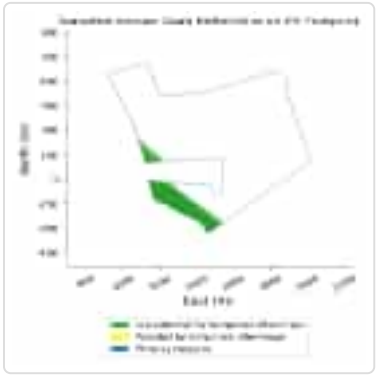
PV array is expected to produce the following glare for this receptor:

- 247 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





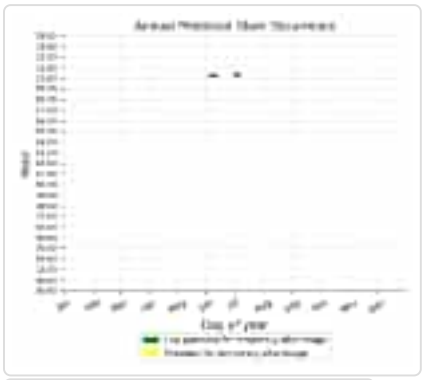


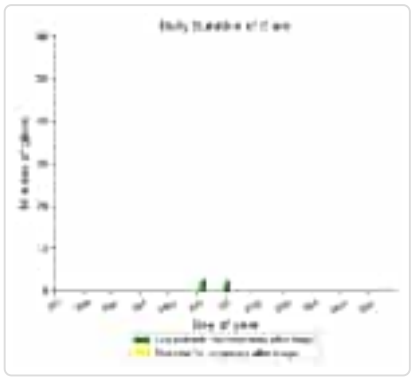


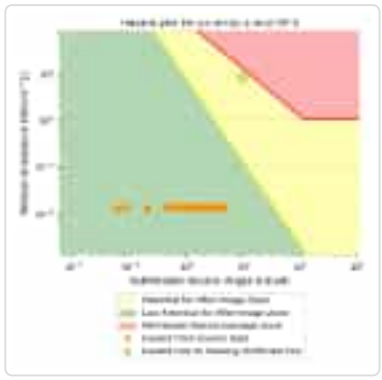
PV array 2: OP 8

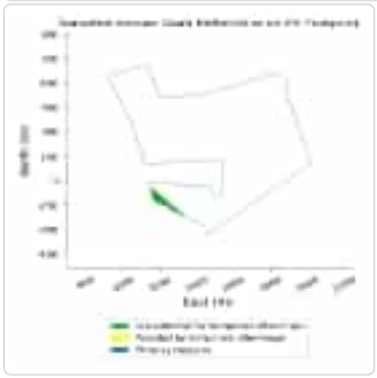
PV array is expected to produce the following glare for this receptor:

- 31 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 9

No glare found

PV array 2: OP 10

No glare found

PV array 2: OP 11

No glare found

PV array 2: OP 12

No glare found

PV array 2: OP 13

No glare found

PV array 2: OP 14

No glare found

PV array 2: OP 15

No glare found

PV array 2: OP 16

No glare found

PV array 2: OP 17

No glare found

PV array 2: OP 18

No glare found

PV array 2: OP 19

No glare found

PV array 2: OP 20

No glare found

PV array 2: OP 21

No glare found

PV array 2: OP 22

No glare found

PV array 2: OP 23

No glare found

PV array 2: OP 24

No glare found

PV array 2: OP 25

No glare found

PV array 2: OP 26

No glare found

PV array 2: OP 27

No glare found

PV array 2: OP 28

No glare found

PV array 2: OP 29

No glare found

PV array 2: OP 30

No glare found

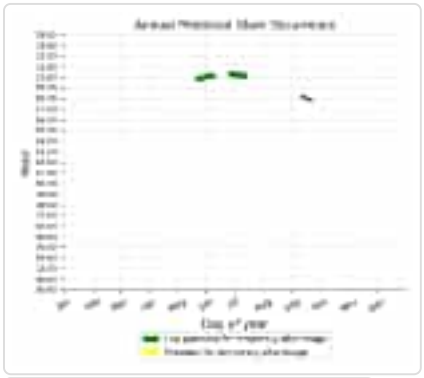
PV array 2: OP 31

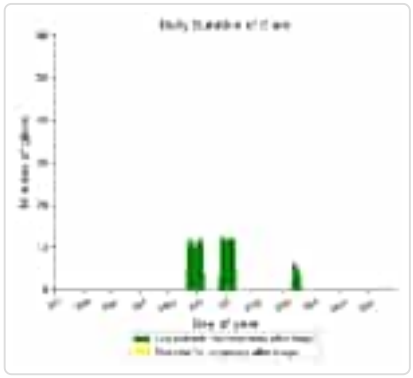
No glare found

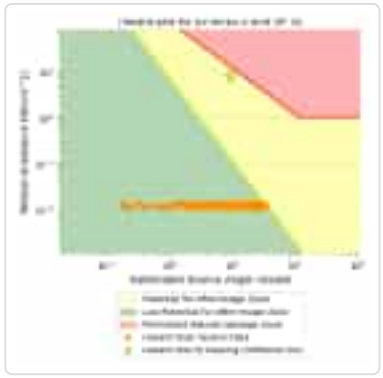
PV array 2: OP 32

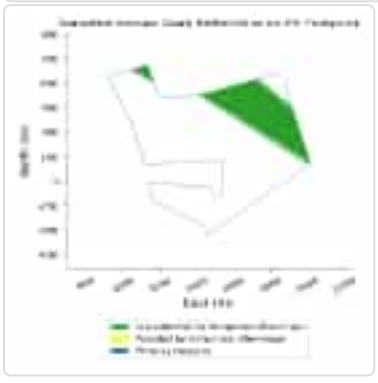
PV array is expected to produce the following glare for this receptor:

- 476 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





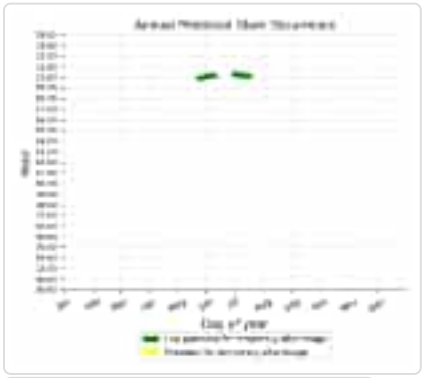


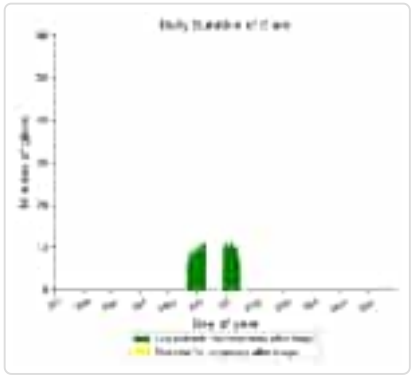


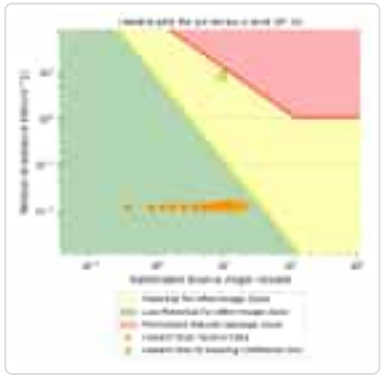
PV array 2: OP 33

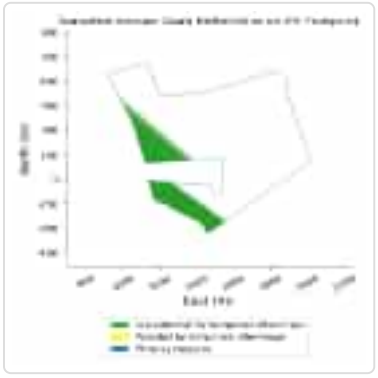
PV array is expected to produce the following glare for this receptor:

- 372 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





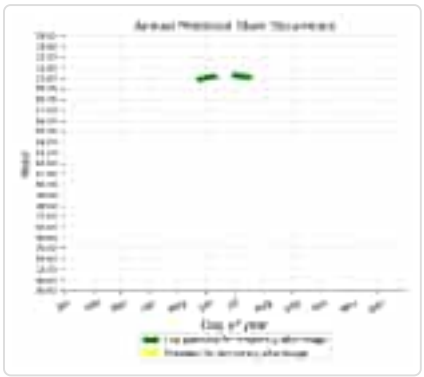


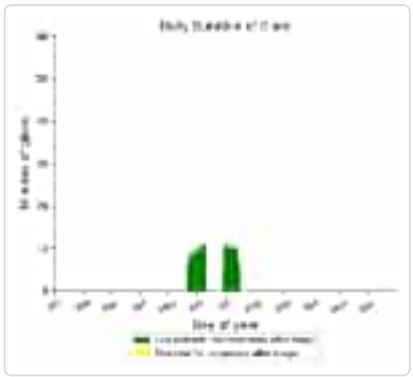


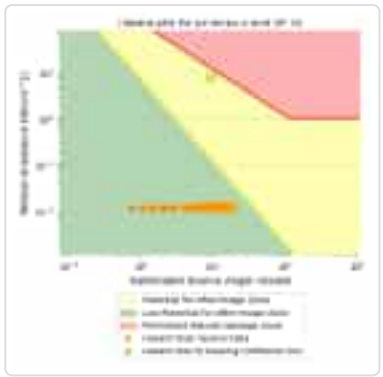
PV array 2: OP 34

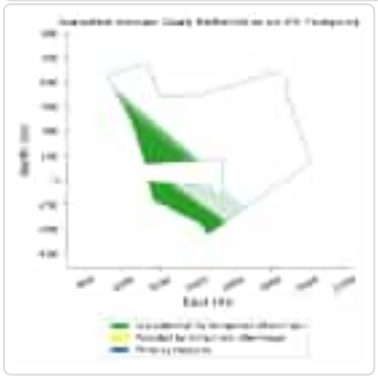
PV array is expected to produce the following glare for this receptor:

- 369 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





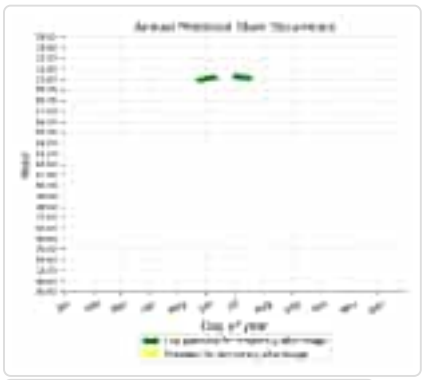


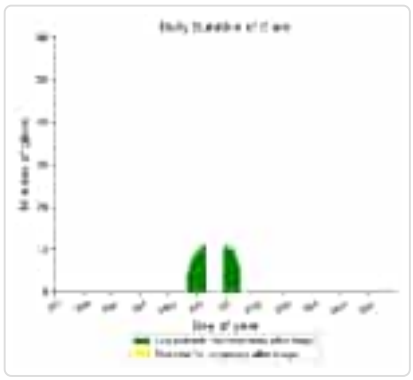


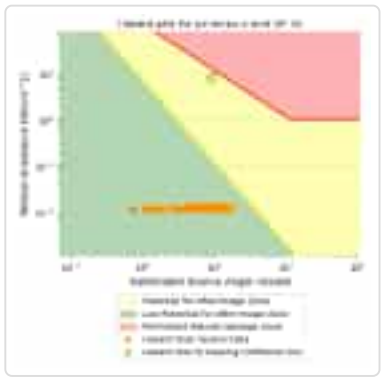
PV array 2: OP 35

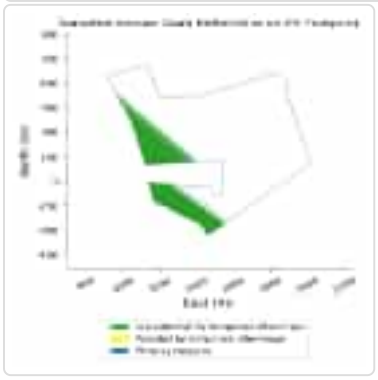
PV array is expected to produce the following glare for this receptor:

- 344 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





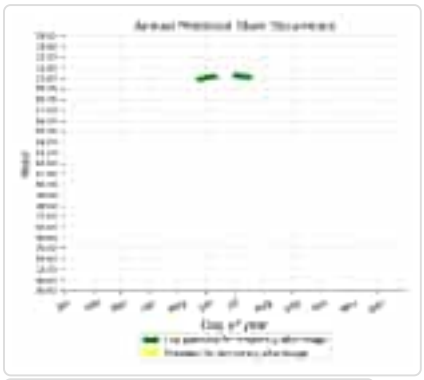


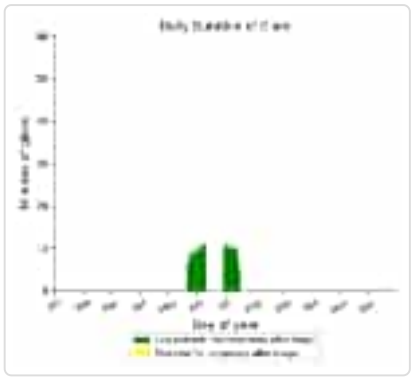


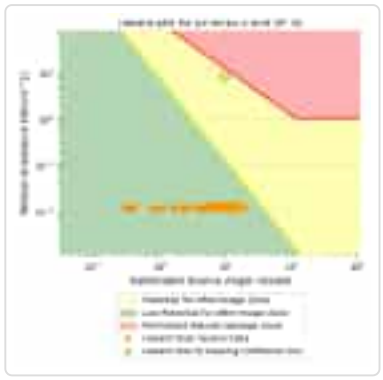
PV array 2: OP 36

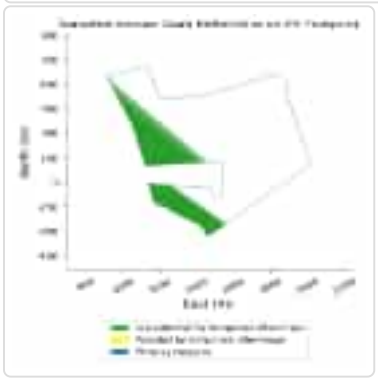
PV array is expected to produce the following glare for this receptor:

- 362 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





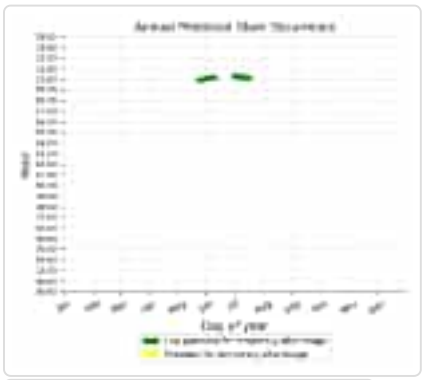


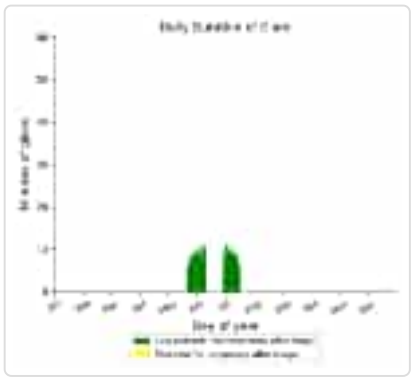


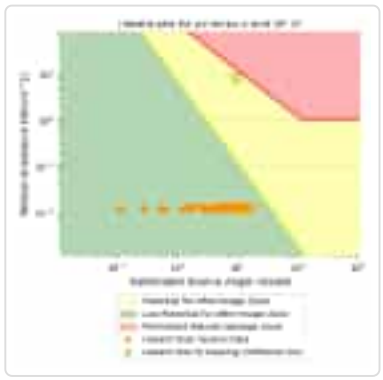
PV array 2: OP 37

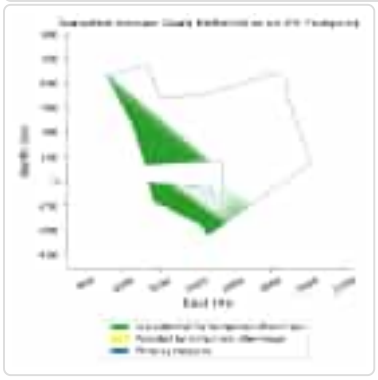
PV array is expected to produce the following glare for this receptor:

- 346 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





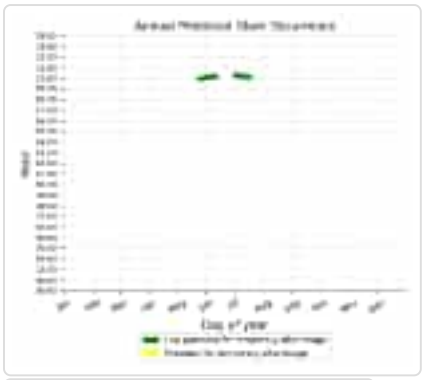


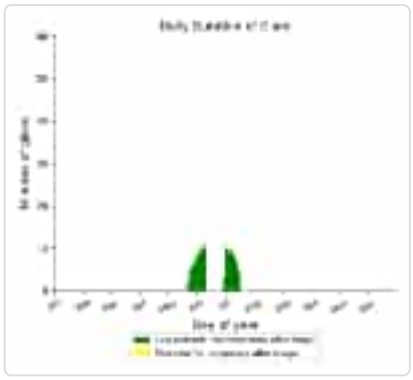


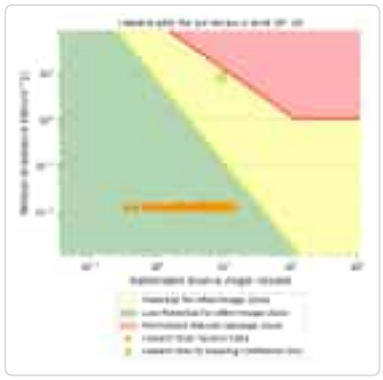
PV array 2: OP 38

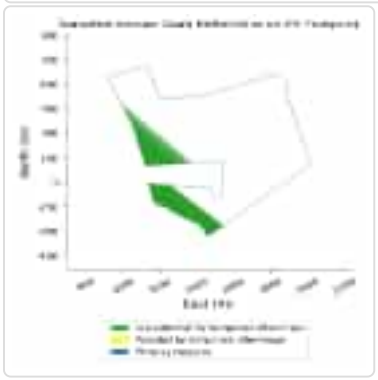
PV array is expected to produce the following glare for this receptor:

- 299 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





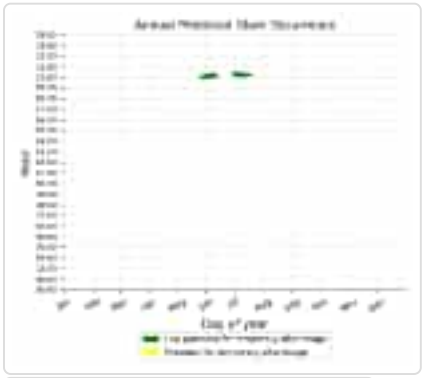


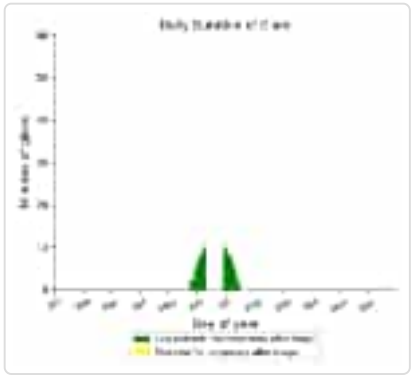


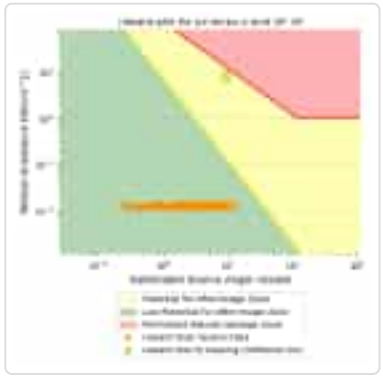
PV array 2: OP 39

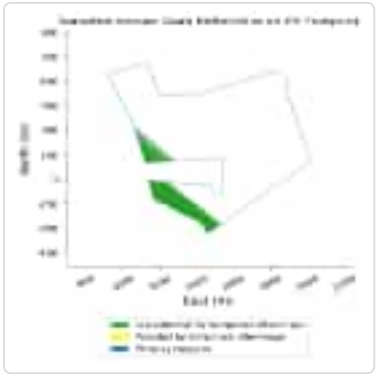
PV array is expected to produce the following glare for this receptor:

- 220 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





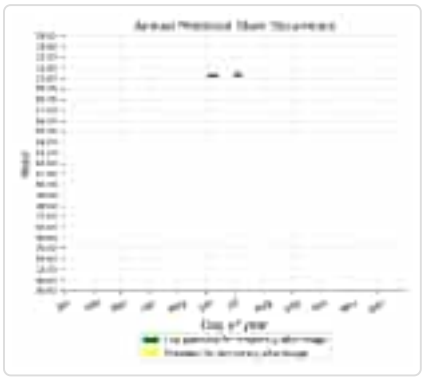


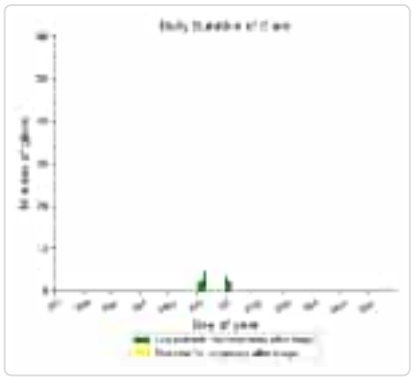


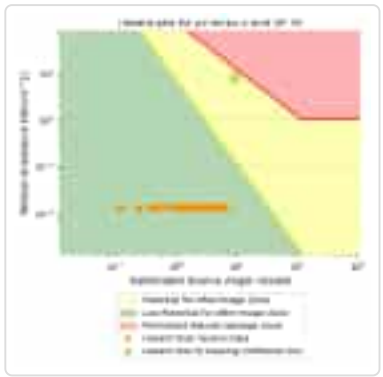
PV array 2: OP 40

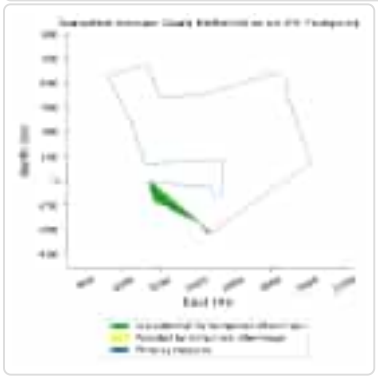
PV array is expected to produce the following glare for this receptor:

- 48 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





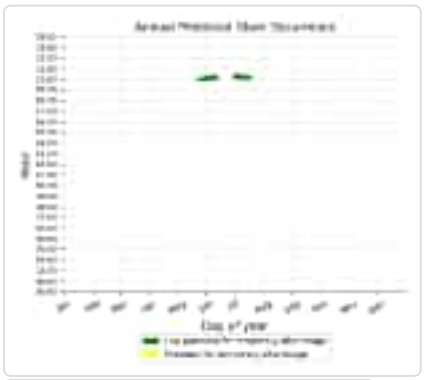


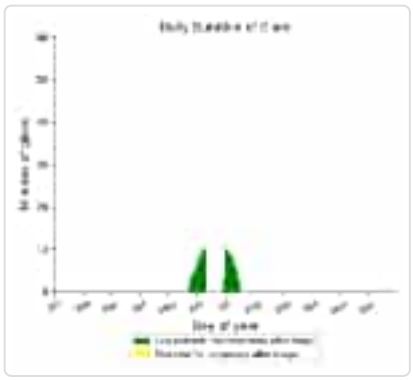


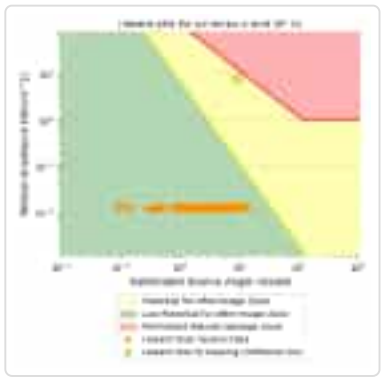
PV array 2: OP 41

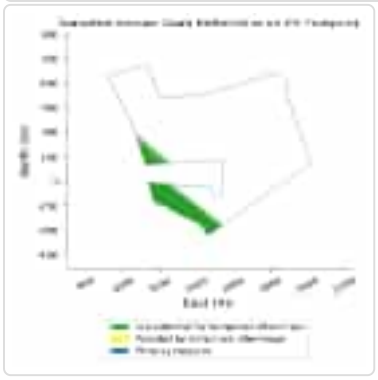
PV array is expected to produce the following glare for this receptor:

- 256 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





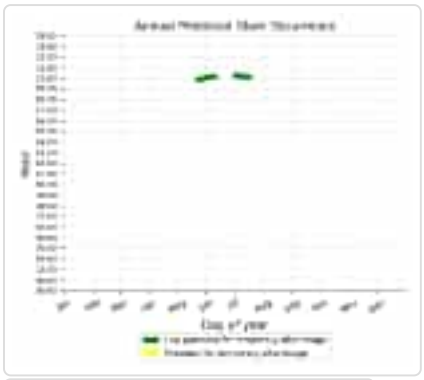


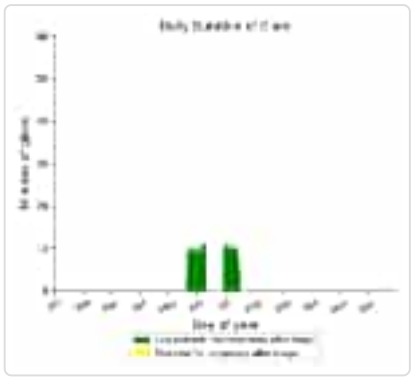


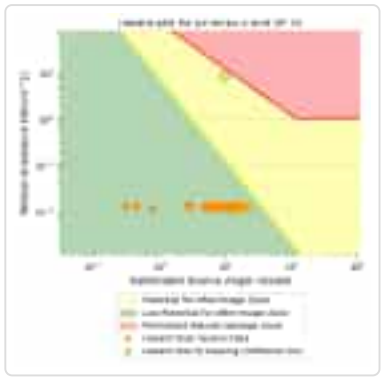
PV array 2: OP 42

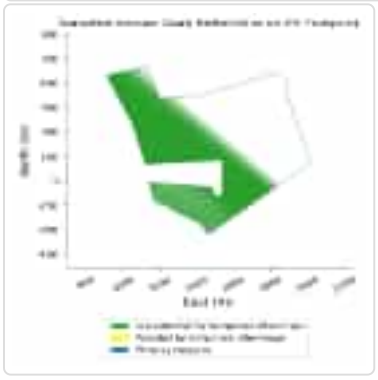
PV array is expected to produce the following glare for this receptor:

- 379 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





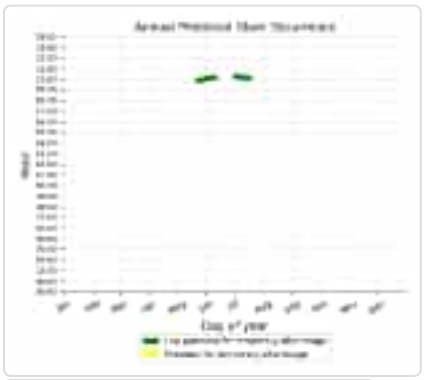


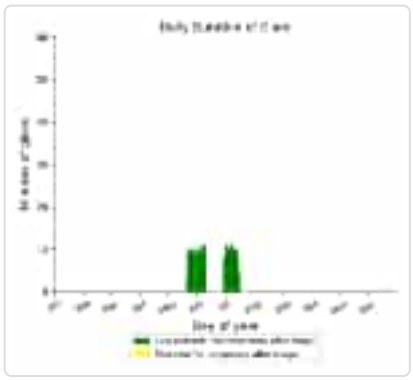


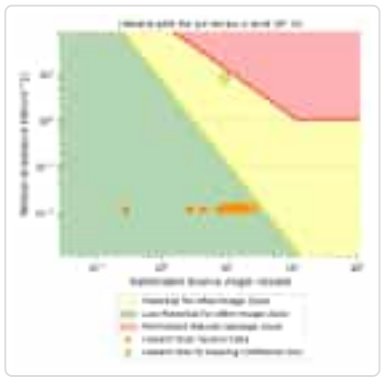
PV array 2: OP 43

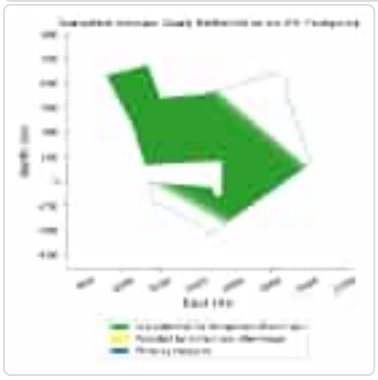
PV array is expected to produce the following glare for this receptor:

- 381 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





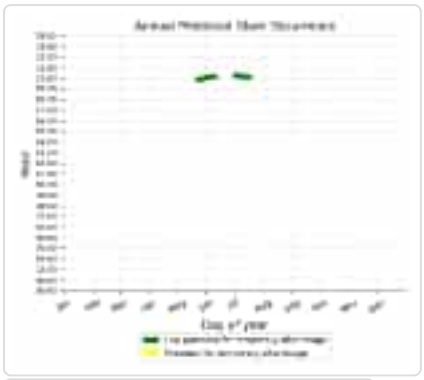


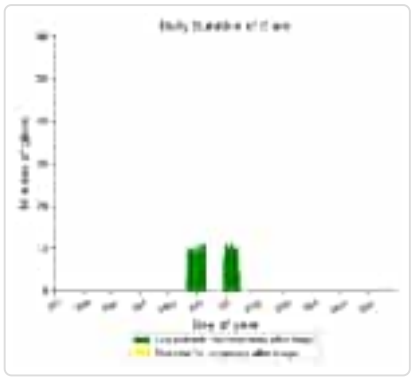


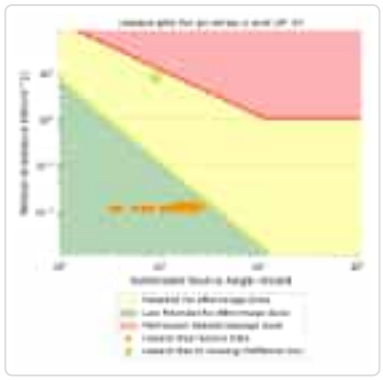
PV array 2: OP 44

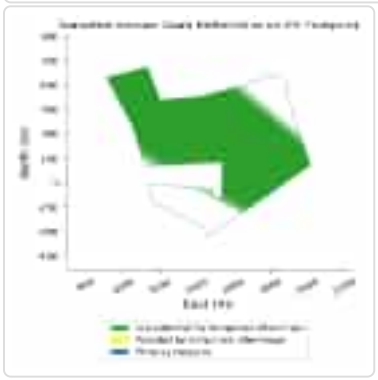
PV array is expected to produce the following glare for this receptor:

- 384 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





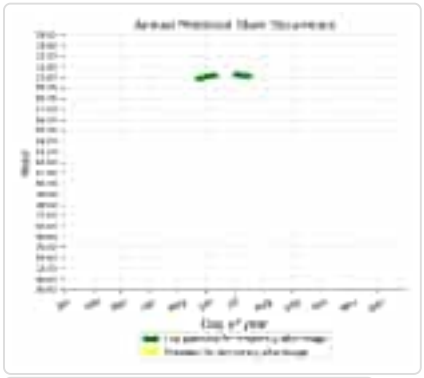


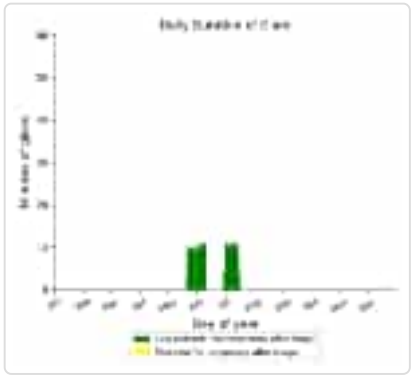


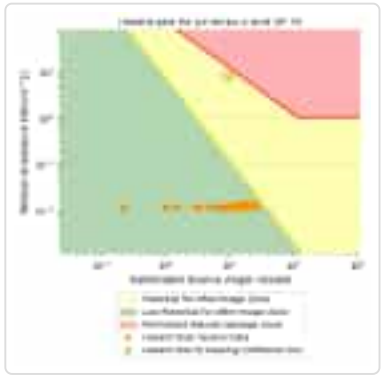
PV array 2: OP 45

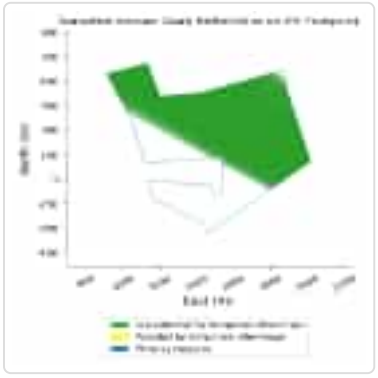
PV array is expected to produce the following glare for this receptor:

- 390 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





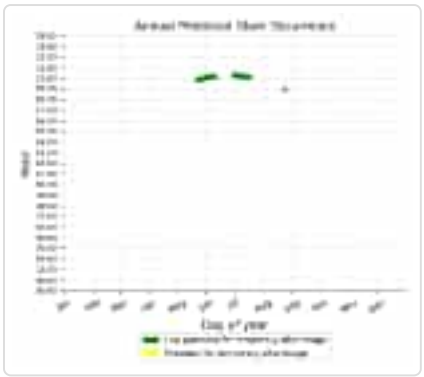


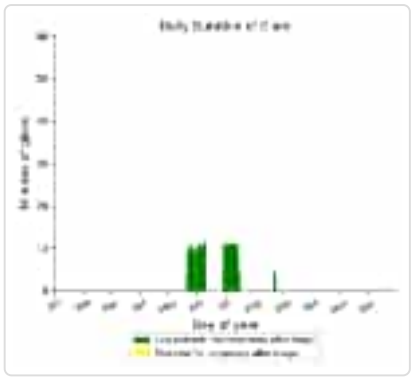


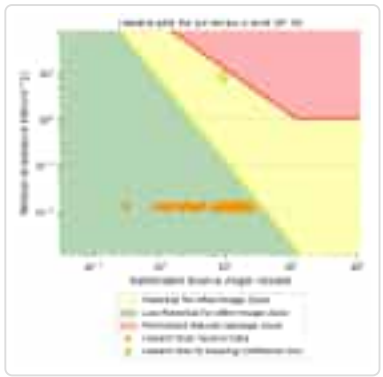
PV array 2: OP 46

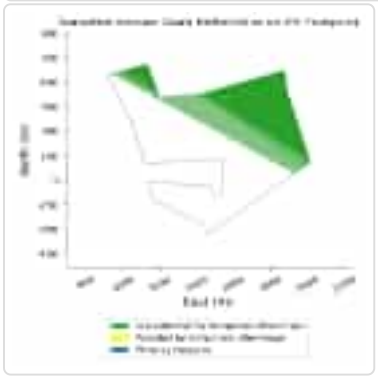
PV array is expected to produce the following glare for this receptor:

- 418 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 47

No glare found

PV array 2: OP 48

No glare found

PV array 2: OP 49

No glare found

PV array 2: OP 50

No glare found

PV array 2: OP 51

No glare found

PV array 2: OP 52

No glare found

PV array 2: OP 53

No glare found

PV array 2: OP 54

No glare found

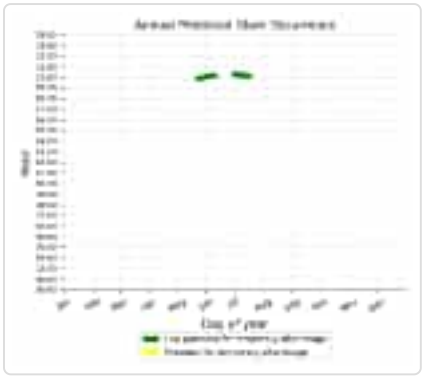
PV array 2: OP 55

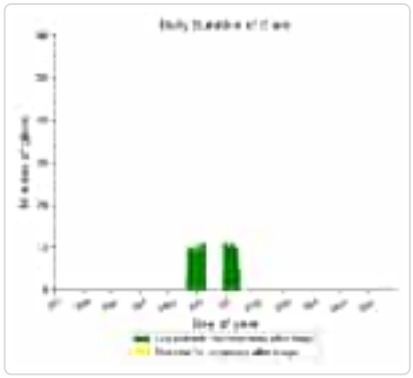
No glare found

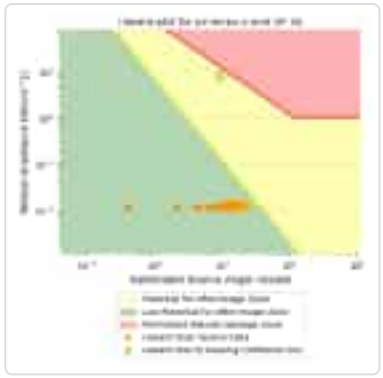
PV array 2: OP 56

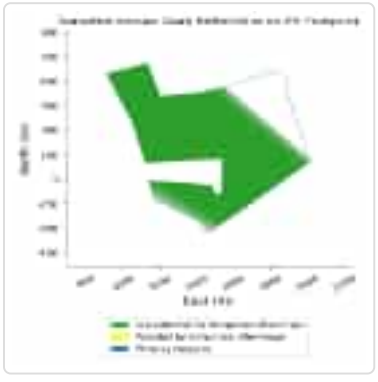
PV array is expected to produce the following glare for this receptor:

- 389 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





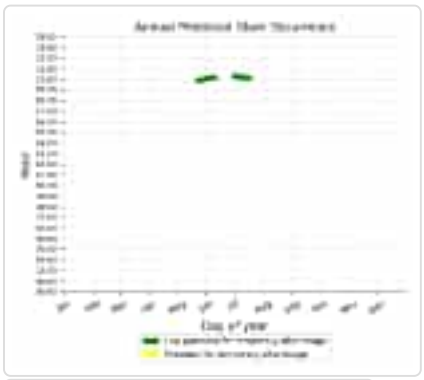


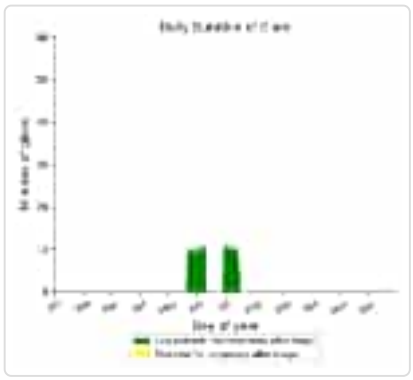


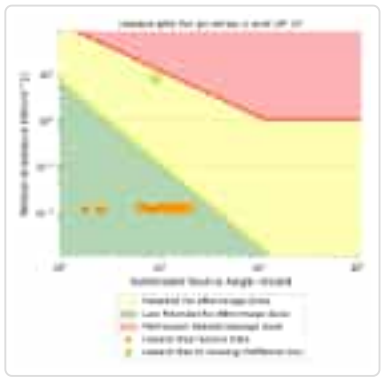
PV array 2: OP 57

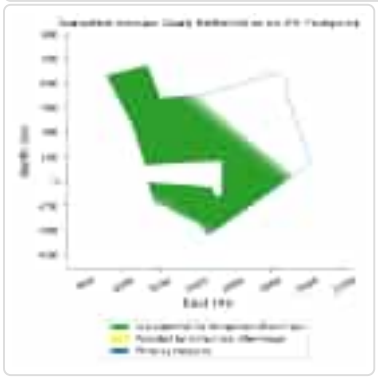
PV array is expected to produce the following glare for this receptor:

- 382 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





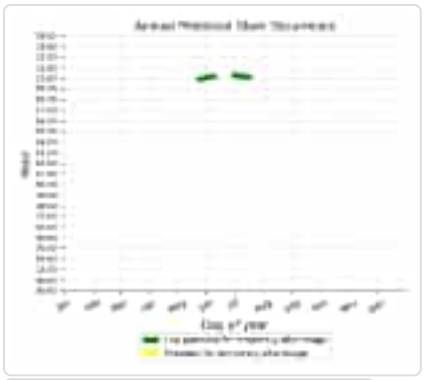


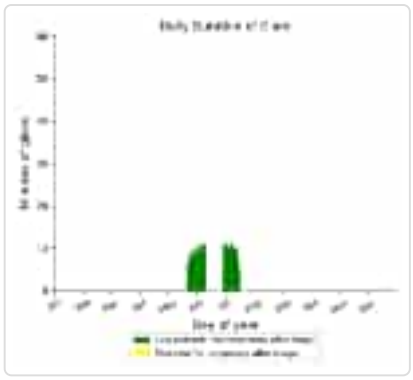


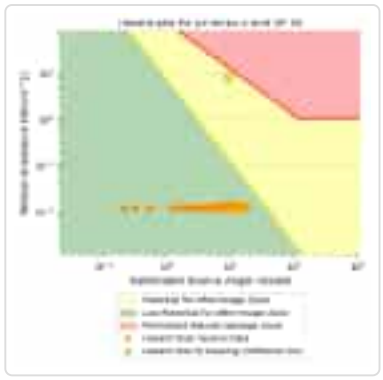
PV array 2: OP 58

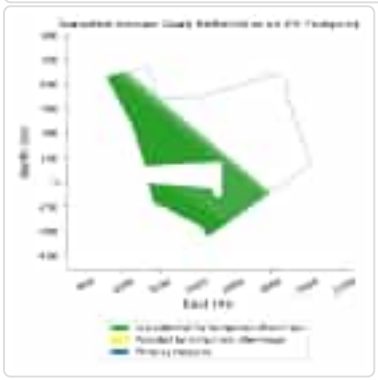
PV array is expected to produce the following glare for this receptor:

- 374 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





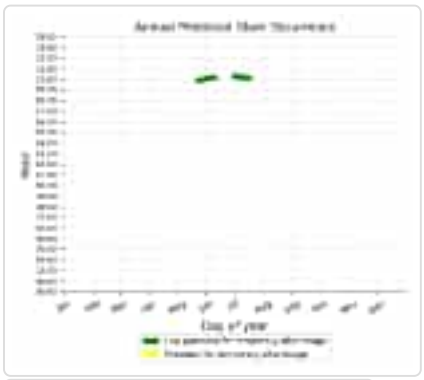


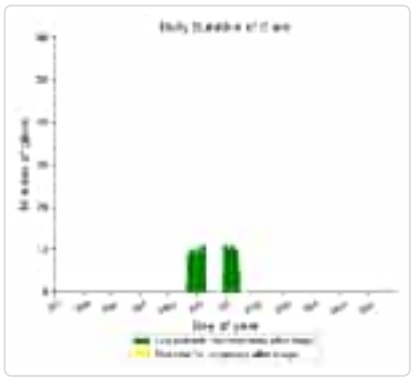


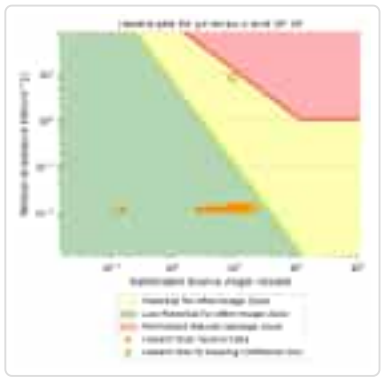
PV array 2: OP 59

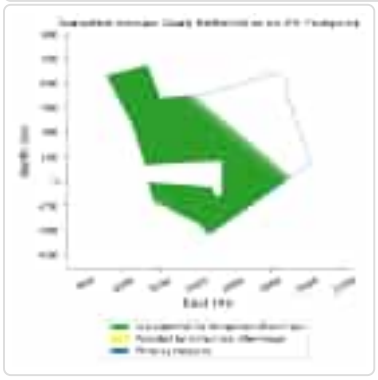
PV array is expected to produce the following glare for this receptor:

- 387 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





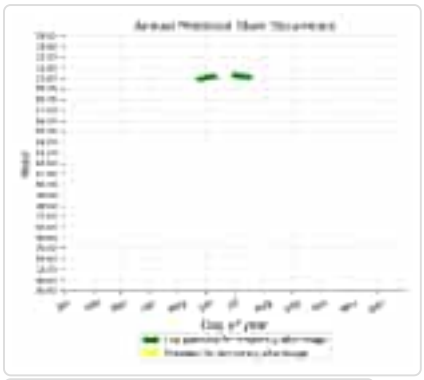


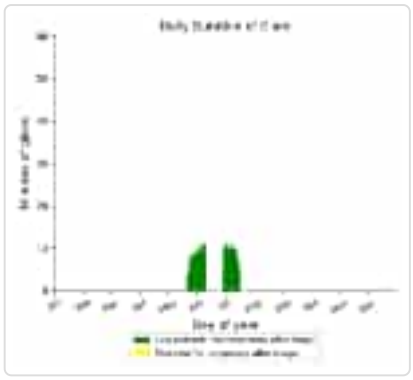


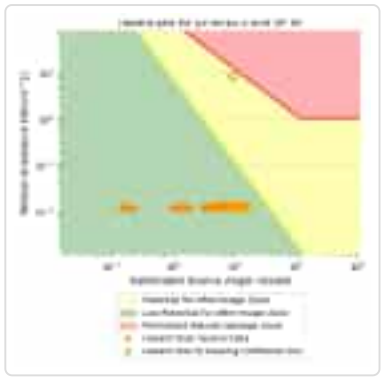
PV array 2: OP 60

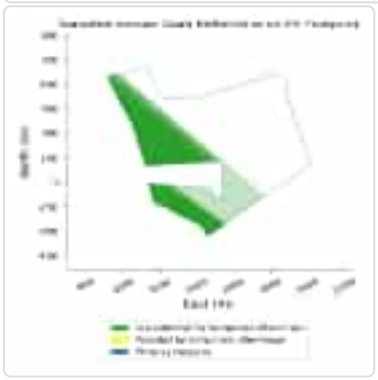
PV array is expected to produce the following glare for this receptor:

- 357 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





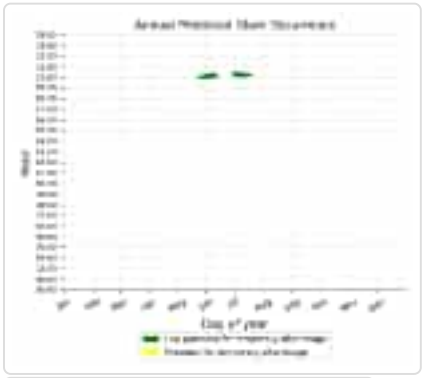


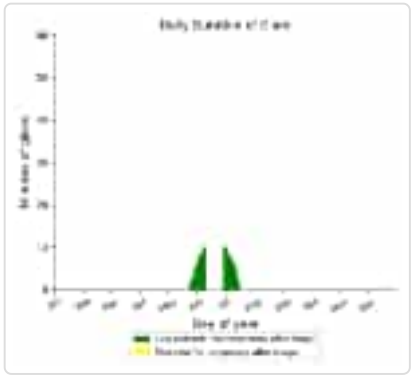


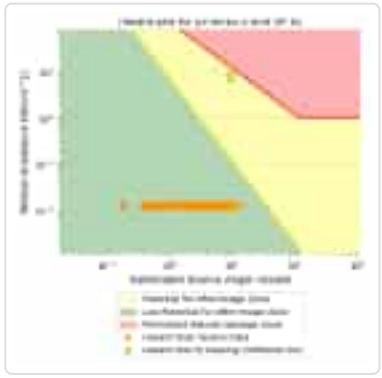
PV array 2: OP 61

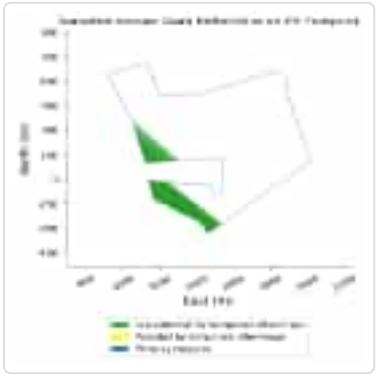
PV array is expected to produce the following glare for this receptor:

- 233 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





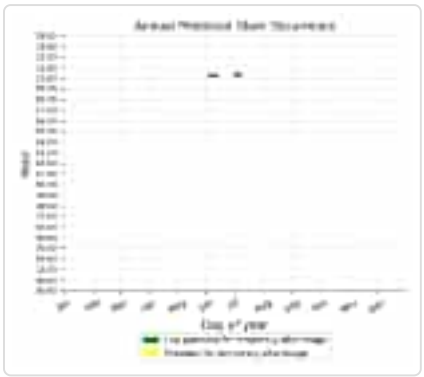


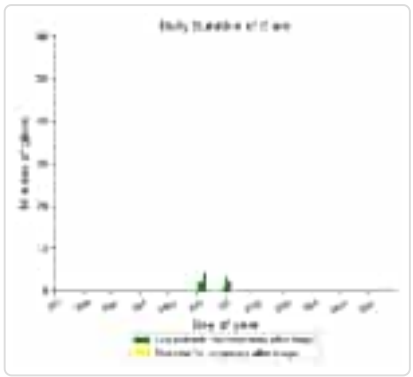


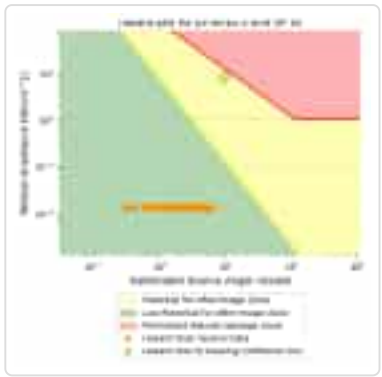
PV array 2: OP 62

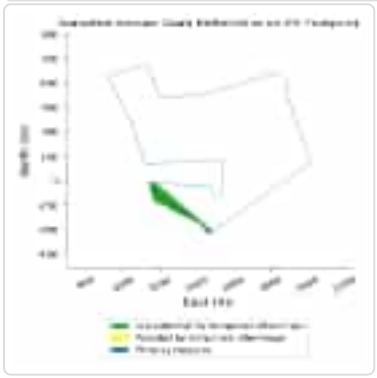
PV array is expected to produce the following glare for this receptor:

- 43 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 63

No glare found

PV array 2: OP 64

No glare found

PV array 2: OP 65

No glare found

PV array 2: OP 66

No glare found

PV array 2: OP 67

No glare found

PV array 2: OP 68

No glare found

PV array 2: OP 69

No glare found

PV array 2: OP 70

No glare found

PV array 2: OP 71

No glare found

PV array 2: OP 72

No glare found

PV array 2: OP 73

No glare found

PV array 3 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	82	0
OP: OP 8	216	0
OP: OP 9	217	0
OP: OP 10	218	0
OP: OP 11	220	0
OP: OP 12	222	0
OP: OP 13	222	0
OP: OP 14	223	0
OP: OP 15	195	0
OP: OP 16	55	0
OP: OP 17	0	0

OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	20	0
OP: OP 35	47	0
OP: OP 36	40	0
OP: OP 37	44	0
OP: OP 38	115	0
OP: OP 39	211	0
OP: OP 40	216	0
OP: OP 41	150	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	47	0
OP: OP 59	0	0
OP: OP 60	88	0
OP: OP 61	215	0
OP: OP 62	215	0
OP: OP 63	217	0
OP: OP 64	221	0
OP: OP 65	213	0
OP: OP 66	221	0
OP: OP 67	206	0
OP: OP 68	213	0
OP: OP 69	159	0
OP: OP 70	71	0
OP: OP 71	0	0

OP: OP 72	0	0
OP: OP 73	0	0

PV array 3: OP 1

No glare found

PV array 3: OP 2

No glare found

PV array 3: OP 3

No glare found

PV array 3: OP 4

No glare found

PV array 3: OP 5

No glare found

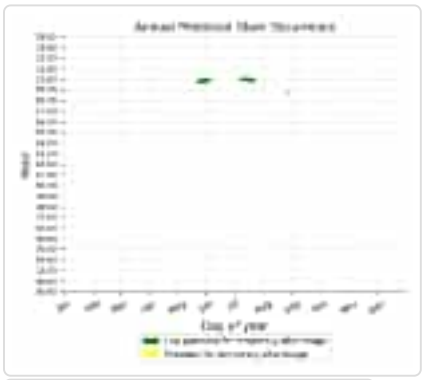
PV array 3: OP 6

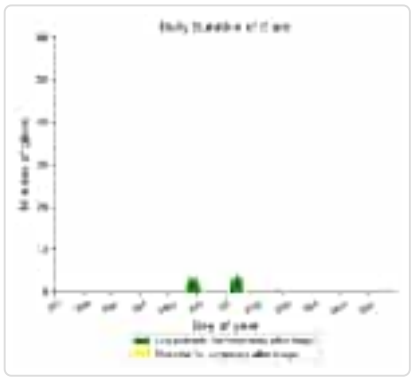
No glare found

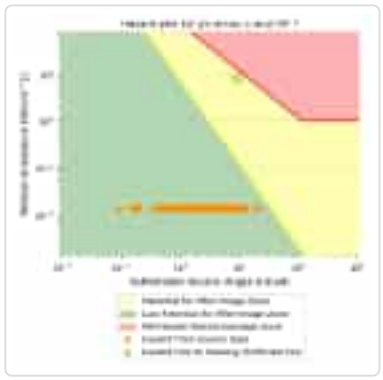
PV array 3: OP 7

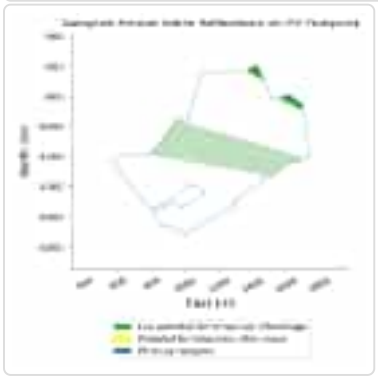
PV array is expected to produce the following glare for this receptor:

- 82 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





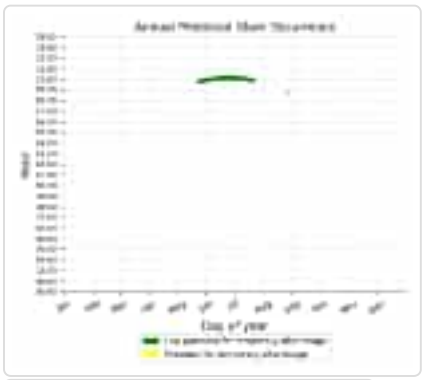


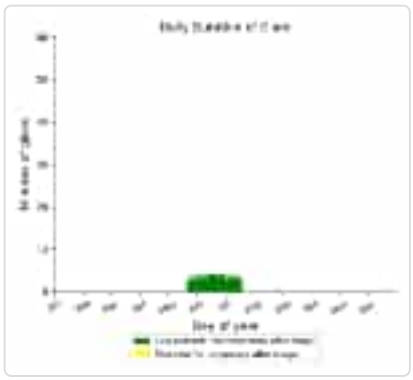


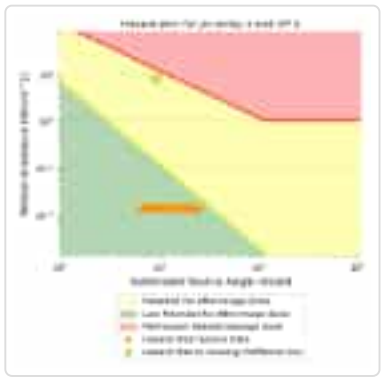
PV array 3: OP 8

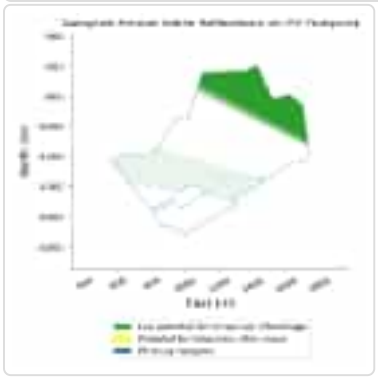
PV array is expected to produce the following glare for this receptor:

- 216 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





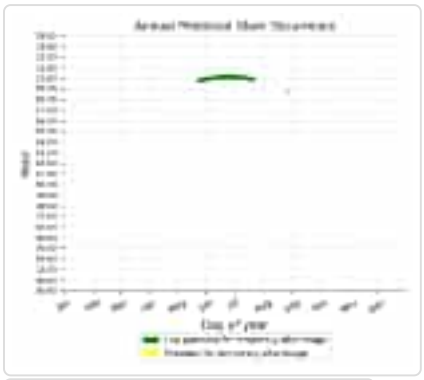


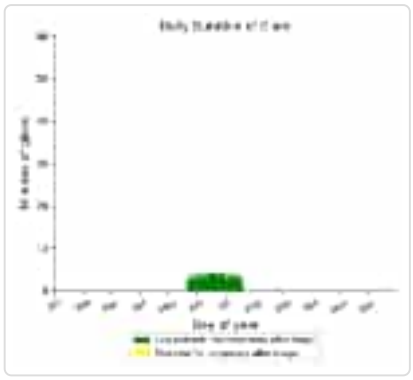


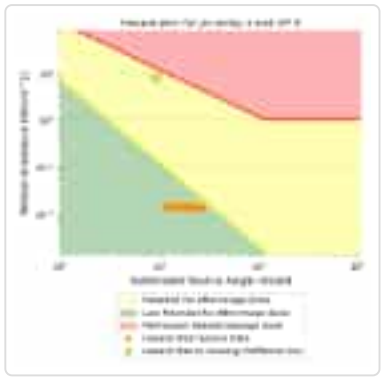
PV array 3: OP 9

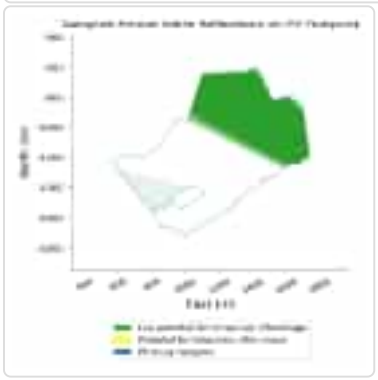
PV array is expected to produce the following glare for this receptor:

- 217 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





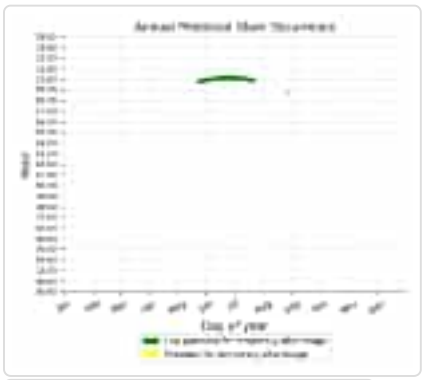


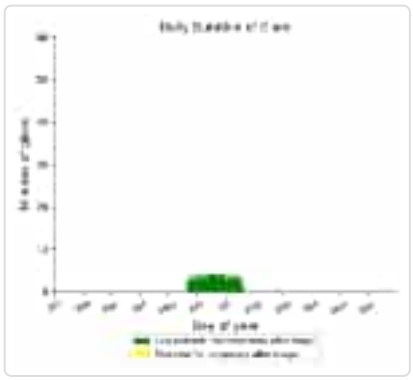


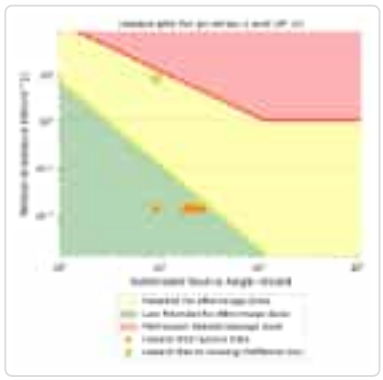
PV array 3: OP 10

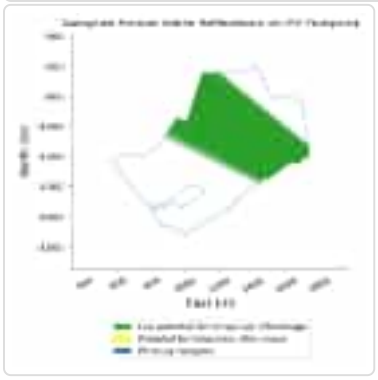
PV array is expected to produce the following glare for this receptor:

- 218 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





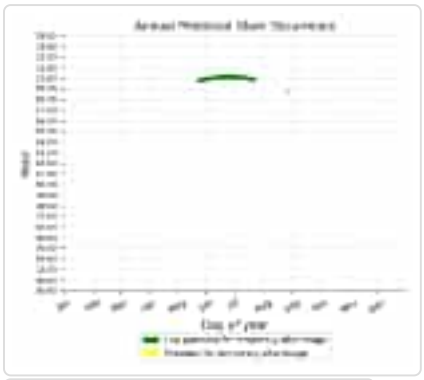


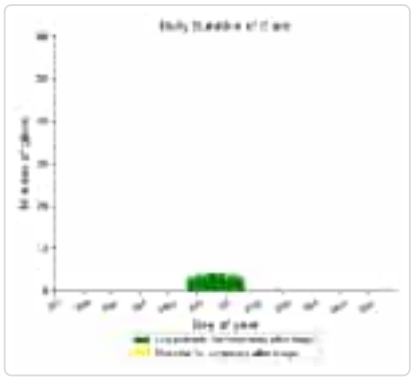


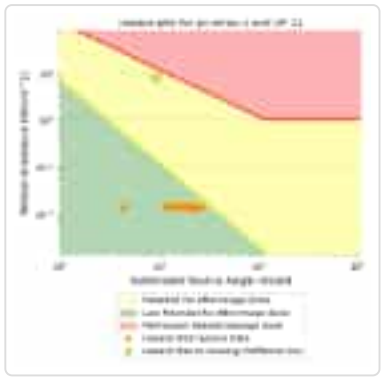
PV array 3: OP 11

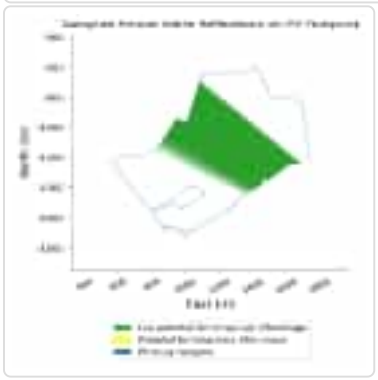
PV array is expected to produce the following glare for this receptor:

- 220 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





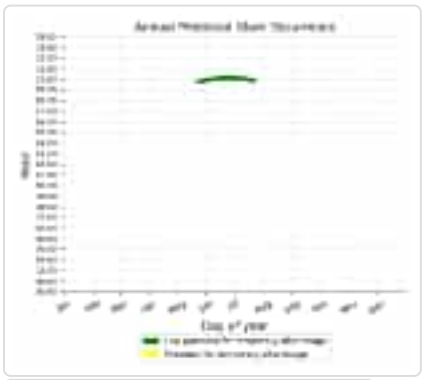


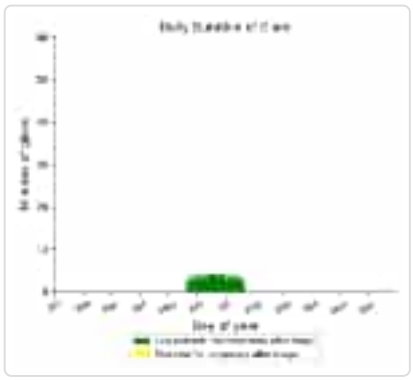


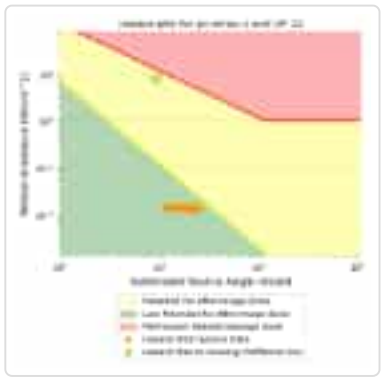
PV array 3: OP 12

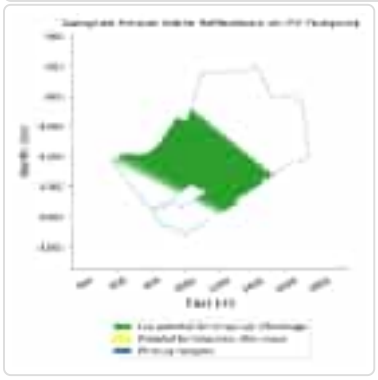
PV array is expected to produce the following glare for this receptor:

- 222 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





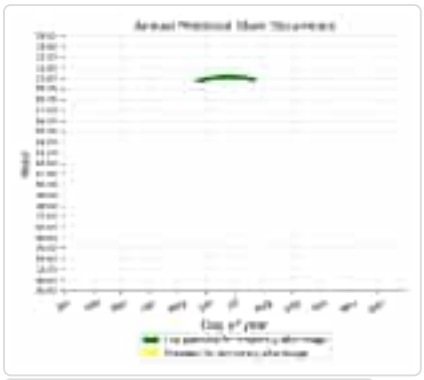


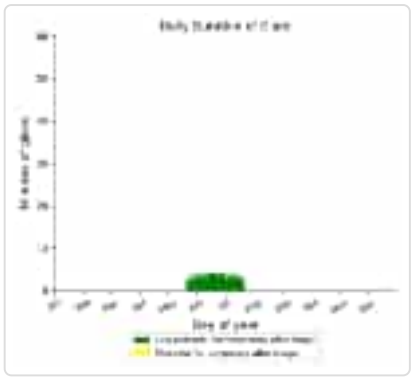


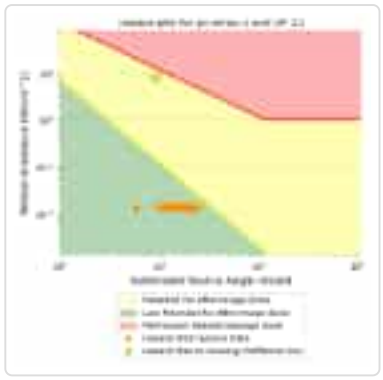
PV array 3: OP 13

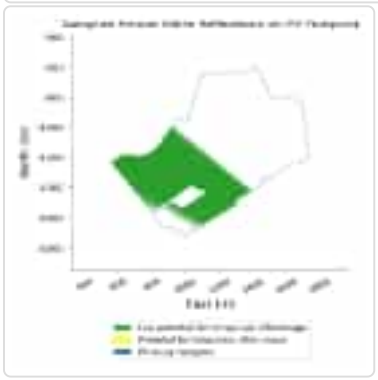
PV array is expected to produce the following glare for this receptor:

- 222 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





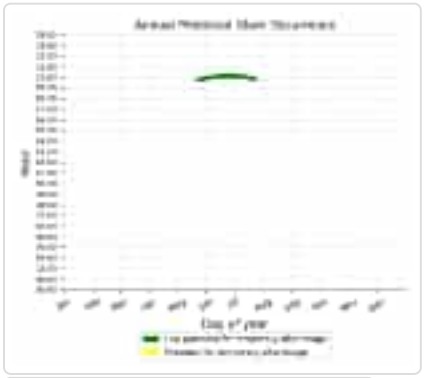


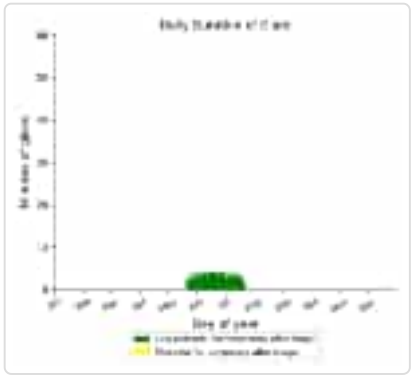


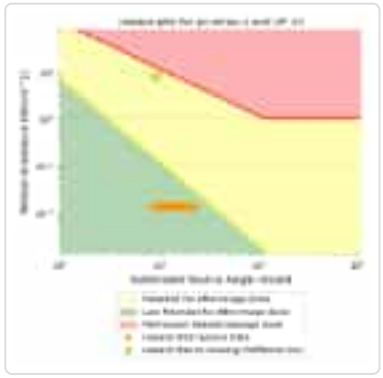
PV array 3: OP 14

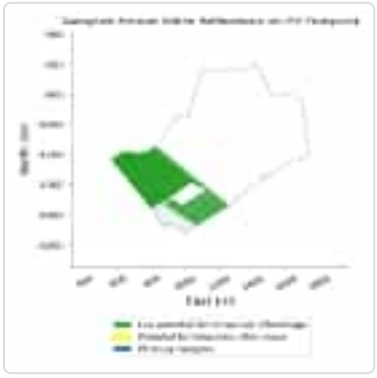
PV array is expected to produce the following glare for this receptor:

- 223 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





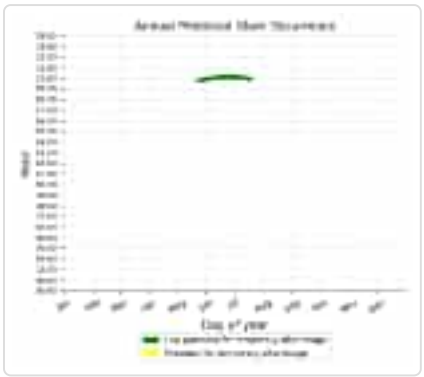


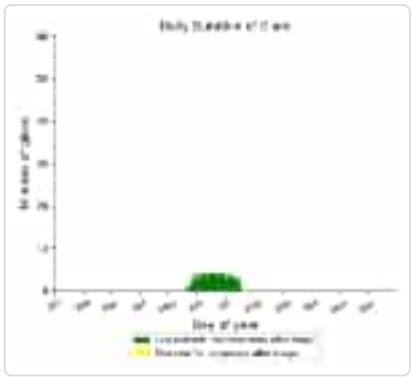


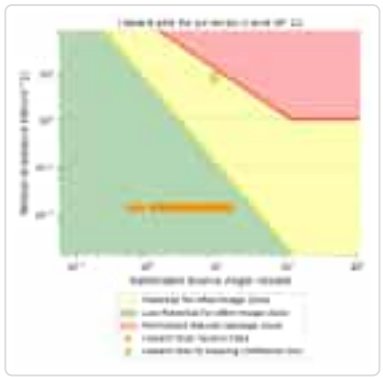
PV array 3: OP 15

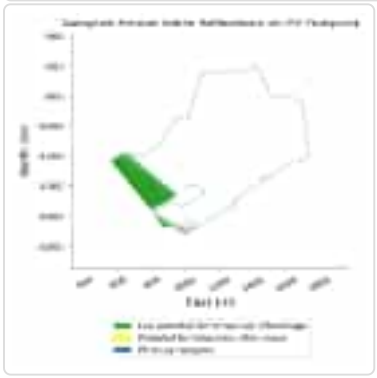
PV array is expected to produce the following glare for this receptor:

- 195 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





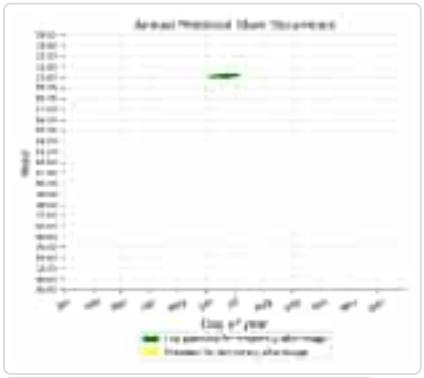


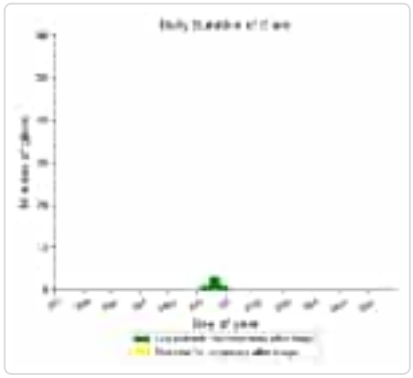


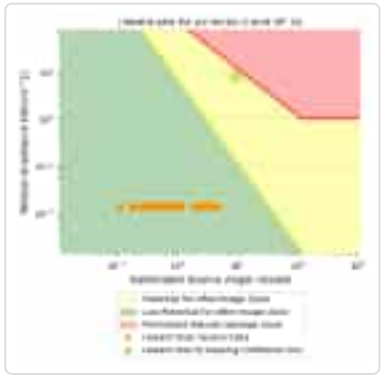
PV array 3: OP 16

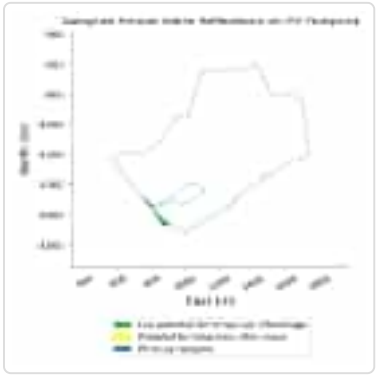
PV array is expected to produce the following glare for this receptor:

- 55 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 17

No glare found

PV array 3: OP 18

No glare found

PV array 3: OP 19

No glare found

PV array 3: OP 20

No glare found

PV array 3: OP 21

No glare found

PV array 3: OP 22

No glare found

PV array 3: OP 23

No glare found

PV array 3: OP 24

No glare found

PV array 3: OP 25

No glare found

PV array 3: OP 26

No glare found

PV array 3: OP 27

No glare found

PV array 3: OP 28

No glare found

PV array 3: OP 29

No glare found

PV array 3: OP 30

No glare found

PV array 3: OP 31

No glare found

PV array 3: OP 32

No glare found

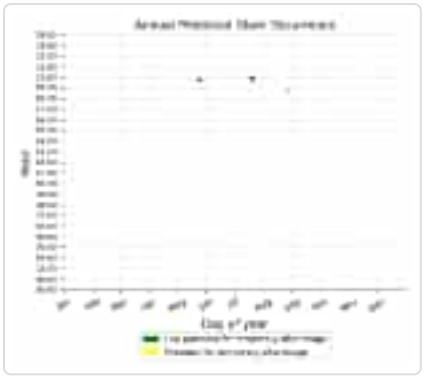
PV array 3: OP 33

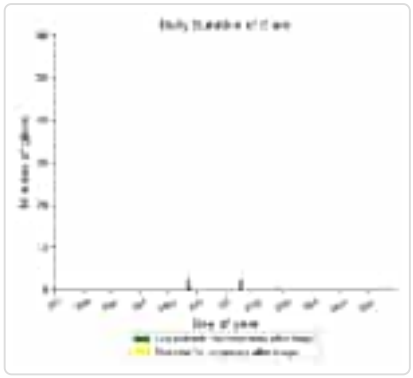
No glare found

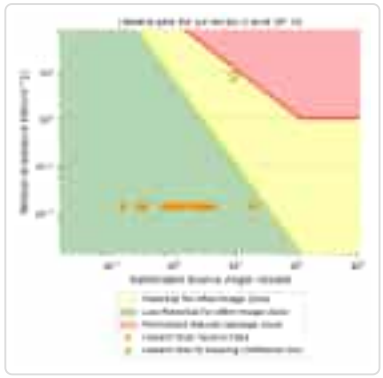
PV array 3: OP 34

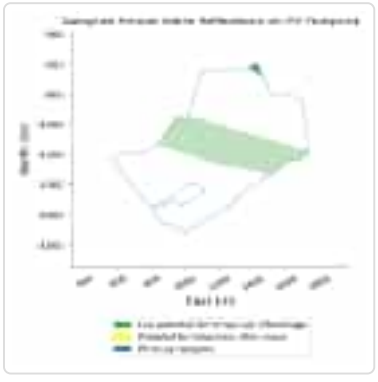
PV array is expected to produce the following glare for this receptor:

- 20 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





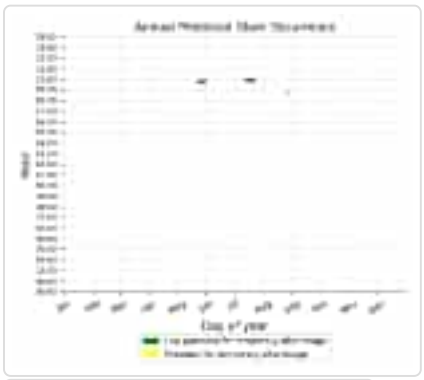


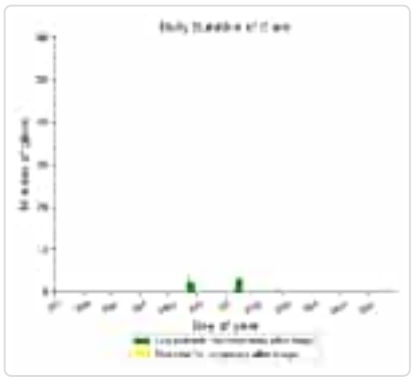


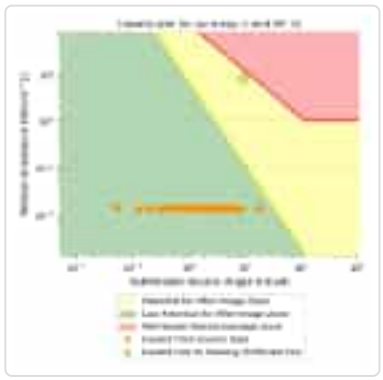
PV array 3: OP 35

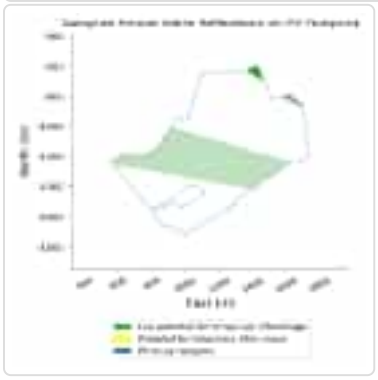
PV array is expected to produce the following glare for this receptor:

- 47 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





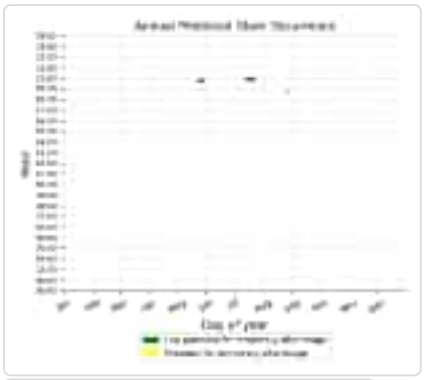


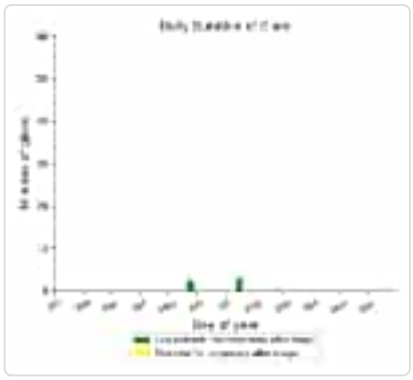


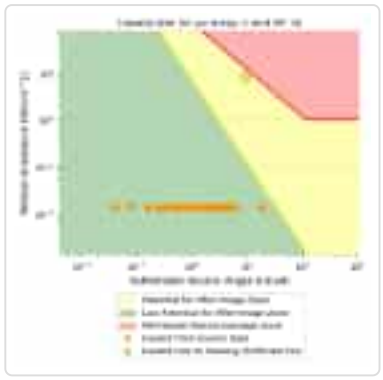
PV array 3: OP 36

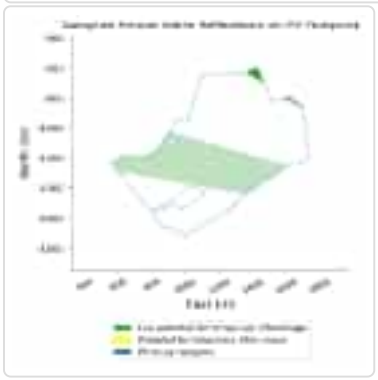
PV array is expected to produce the following glare for this receptor:

- 40 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





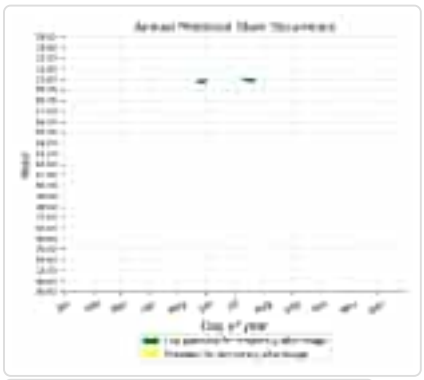


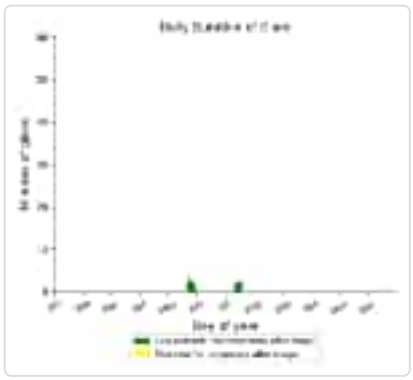


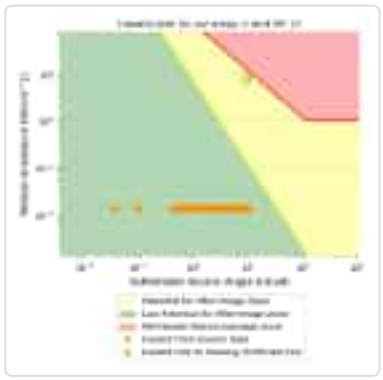
PV array 3: OP 37

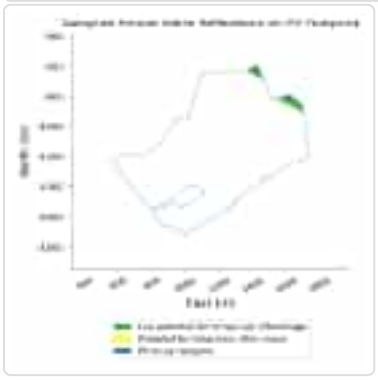
PV array is expected to produce the following glare for this receptor:

- 44 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





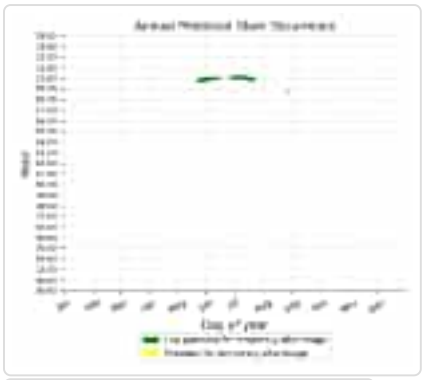


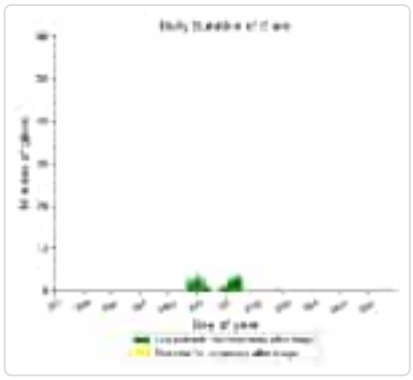


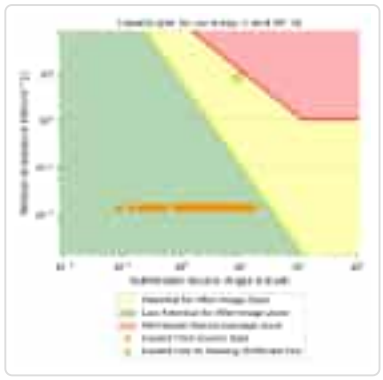
PV array 3: OP 38

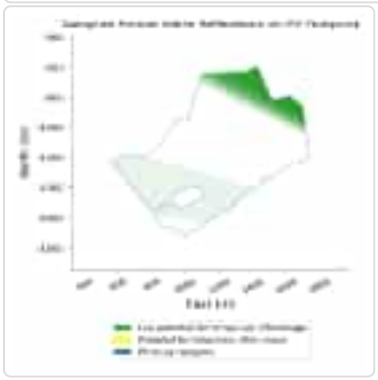
PV array is expected to produce the following glare for this receptor:

- 115 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





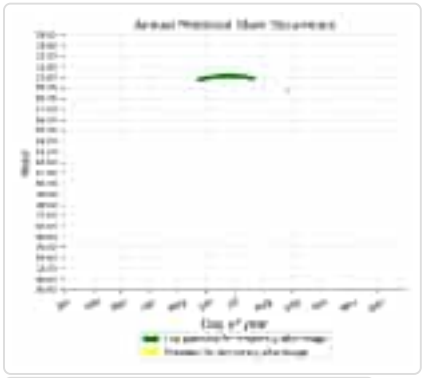


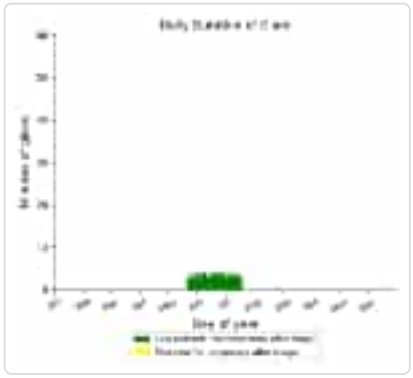


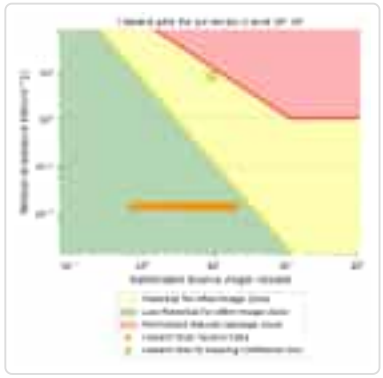
PV array 3: OP 39

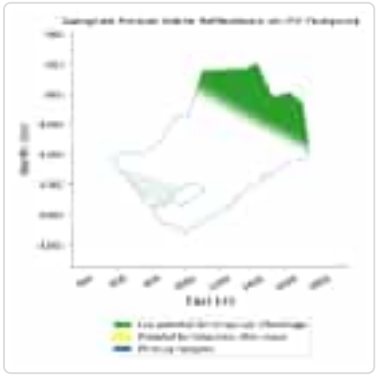
PV array is expected to produce the following glare for this receptor:

- 211 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





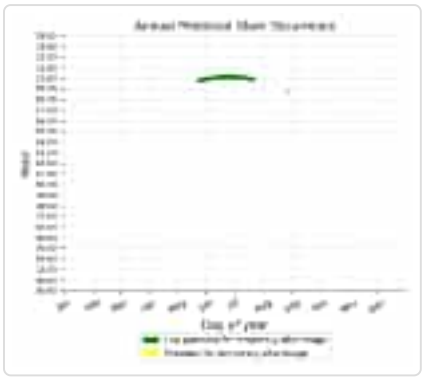


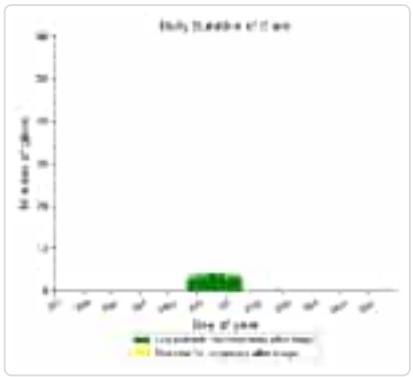


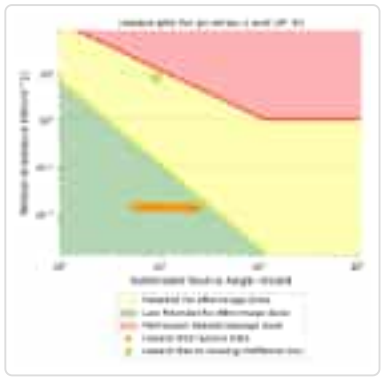
PV array 3: OP 40

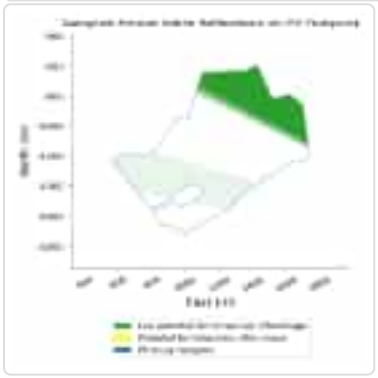
PV array is expected to produce the following glare for this receptor:

- 216 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





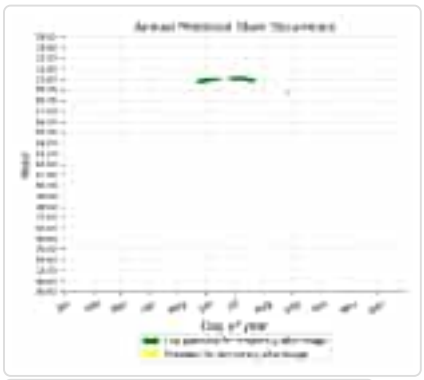


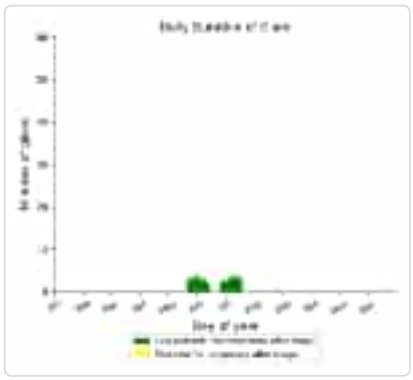


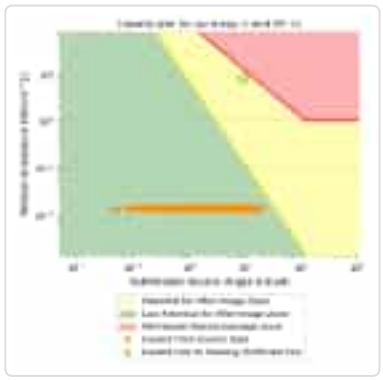
PV array 3: OP 41

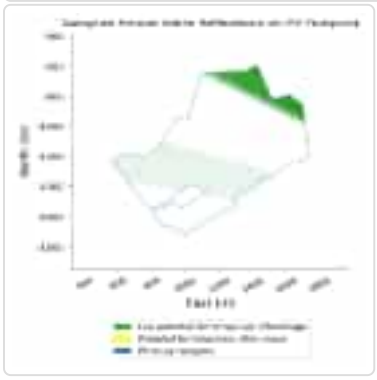
PV array is expected to produce the following glare for this receptor:

- 150 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 42

No glare found

PV array 3: OP 43

No glare found

PV array 3: OP 44

No glare found

PV array 3: OP 45

No glare found

PV array 3: OP 46

No glare found

PV array 3: OP 47

No glare found

PV array 3: OP 48

No glare found

PV array 3: OP 49

No glare found

PV array 3: OP 50

No glare found

PV array 3: OP 51

No glare found

PV array 3: OP 52

No glare found

PV array 3: OP 53

No glare found

PV array 3: OP 54

No glare found

PV array 3: OP 55

No glare found

PV array 3: OP 56

No glare found

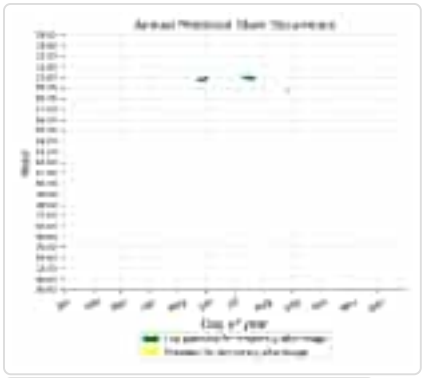
PV array 3: OP 57

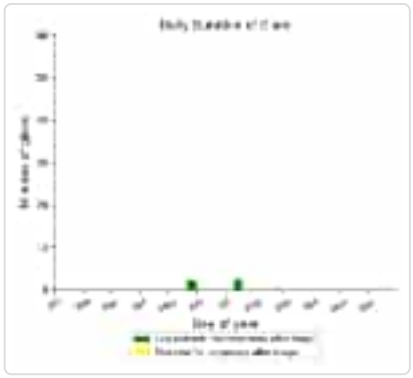
No glare found

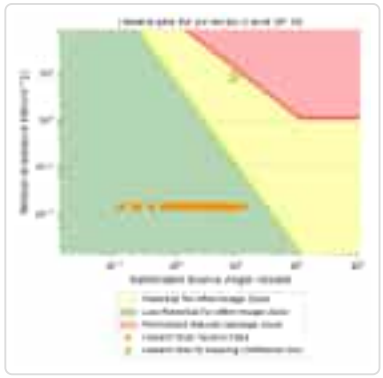
PV array 3: OP 58

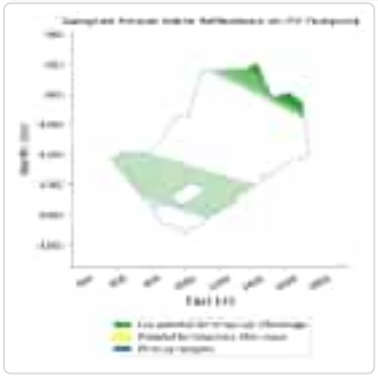
PV array is expected to produce the following glare for this receptor:

- 47 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









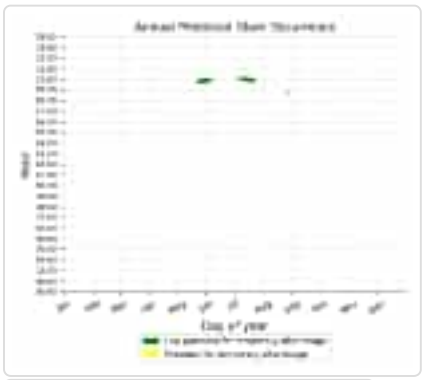
PV array 3: OP 59

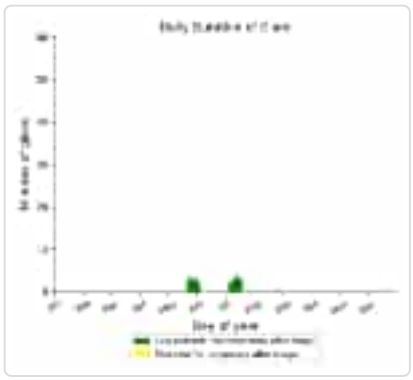
No glare found

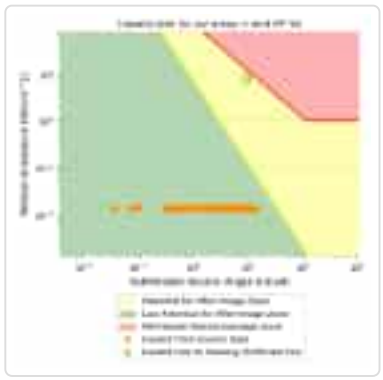
PV array 3: OP 60

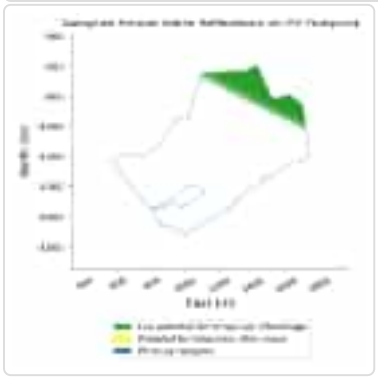
PV array is expected to produce the following glare for this receptor:

- 88 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





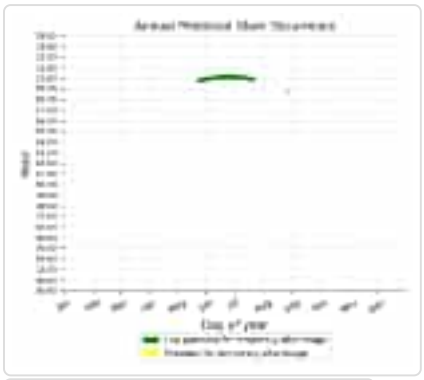


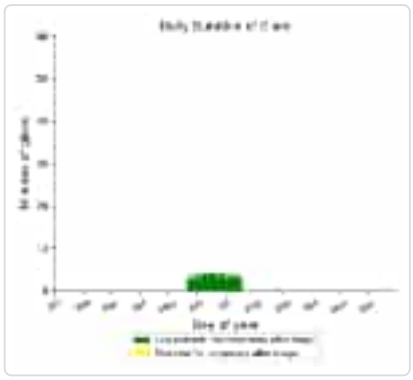


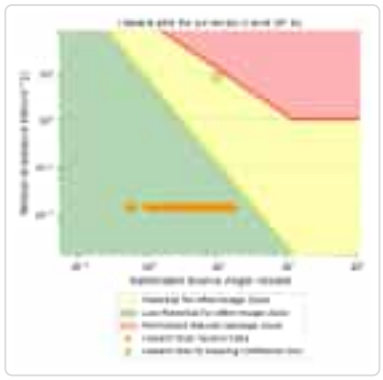
PV array 3: OP 61

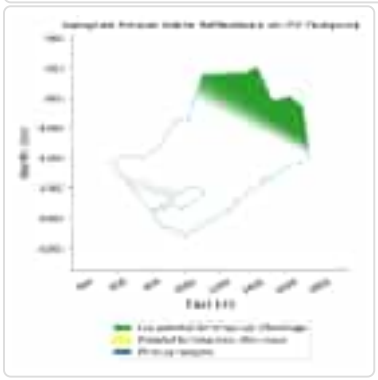
PV array is expected to produce the following glare for this receptor:

- 215 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





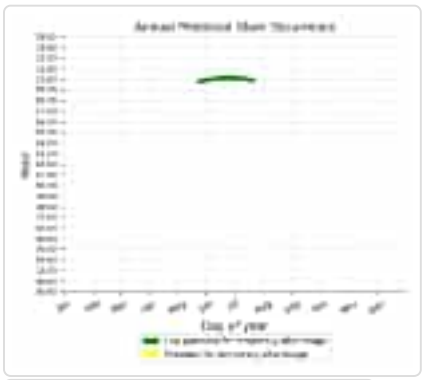


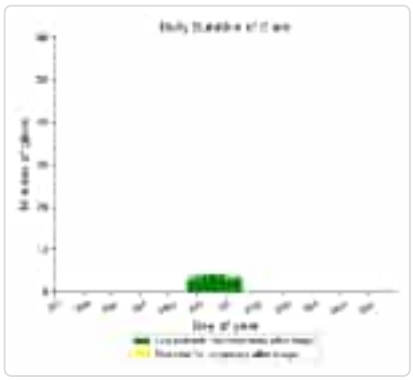


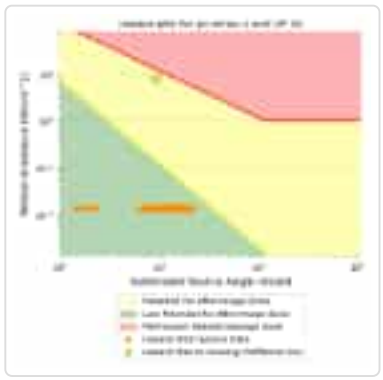
PV array 3: OP 62

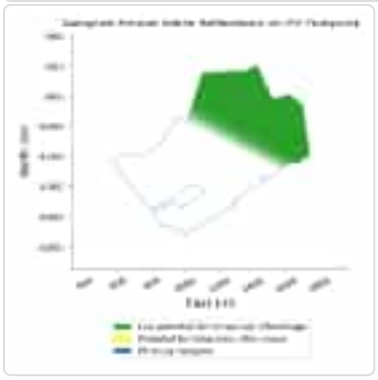
PV array is expected to produce the following glare for this receptor:

- 215 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





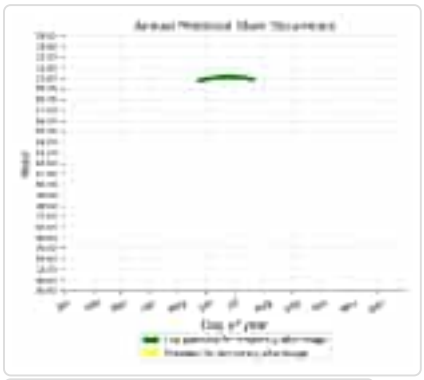


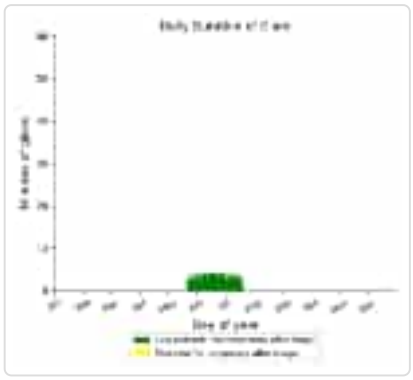


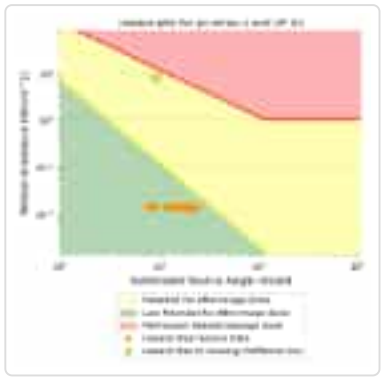
PV array 3: OP 63

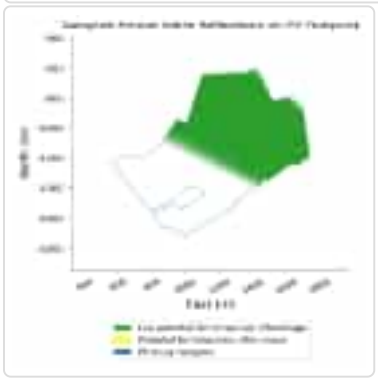
PV array is expected to produce the following glare for this receptor:

- 217 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





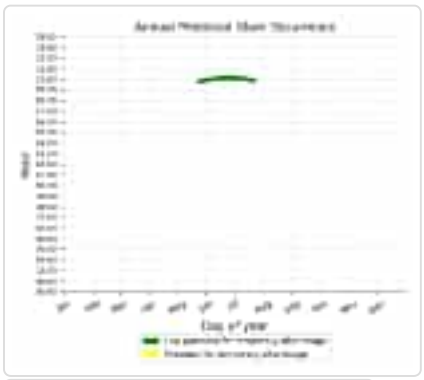


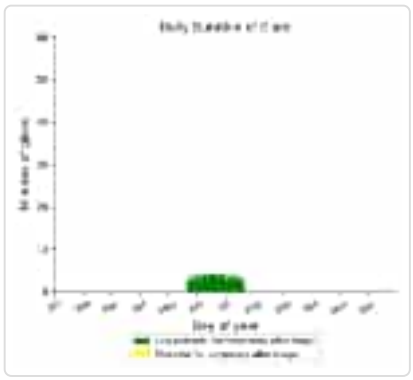


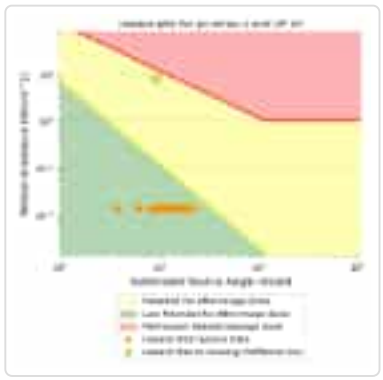
PV array 3: OP 64

PV array is expected to produce the following glare for this receptor:

- 221 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



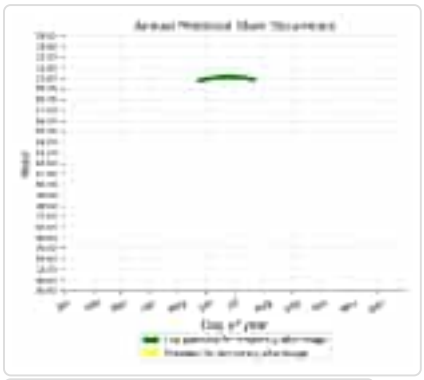


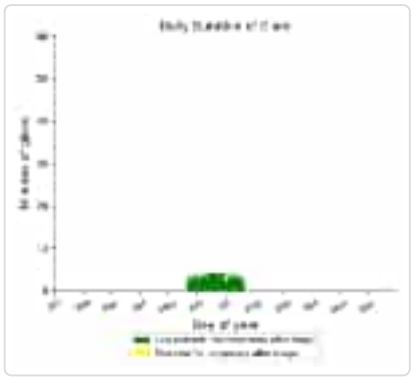


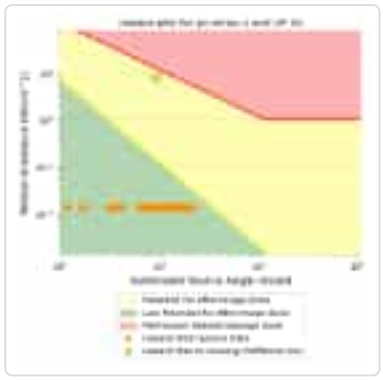
PV array 3: OP 65

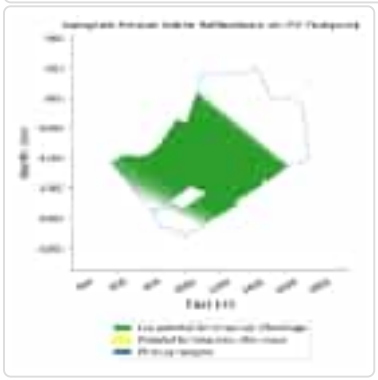
PV array is expected to produce the following glare for this receptor:

- 213 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





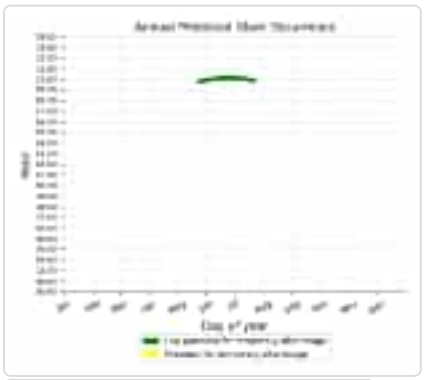


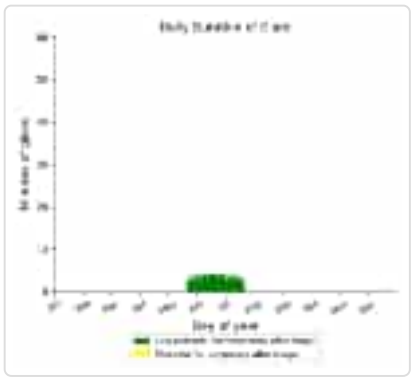


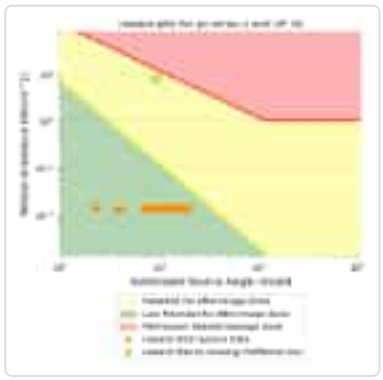
PV array 3: OP 66

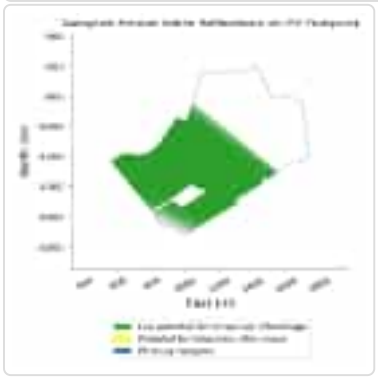
PV array is expected to produce the following glare for this receptor:

- 221 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





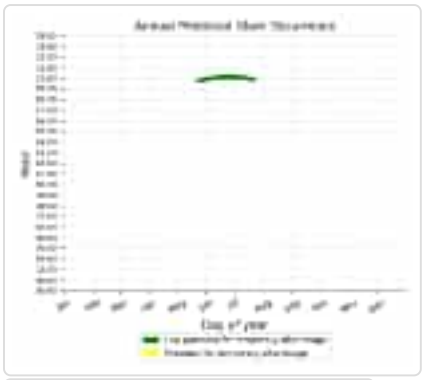


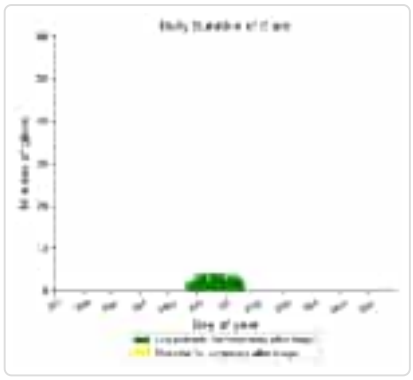


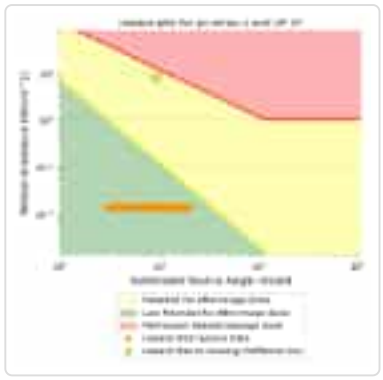
PV array 3: OP 67

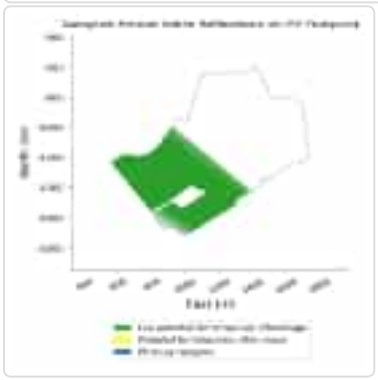
PV array is expected to produce the following glare for this receptor:

- 206 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





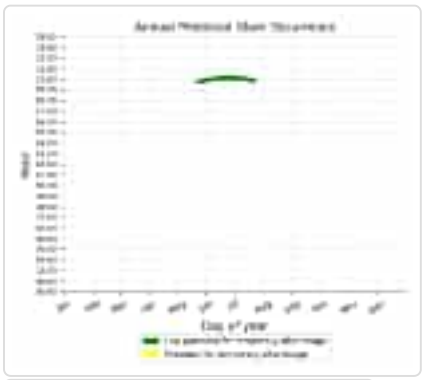


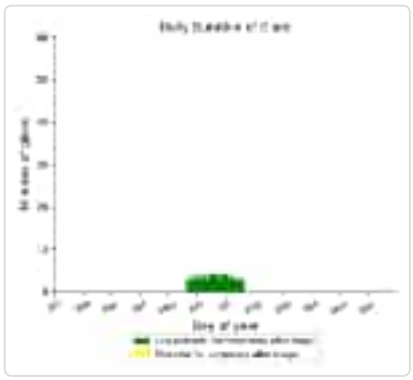


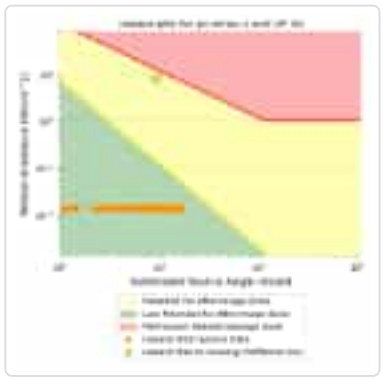
PV array 3: OP 68

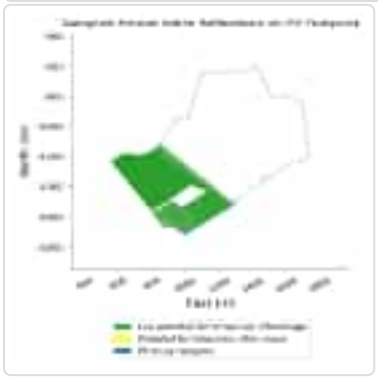
PV array is expected to produce the following glare for this receptor:

- 213 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





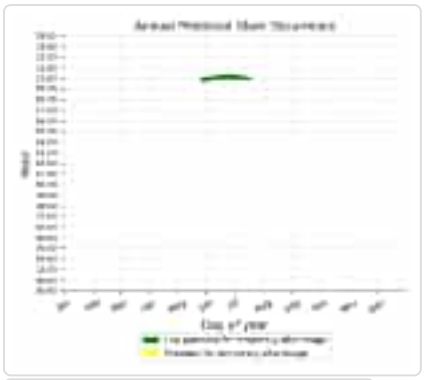


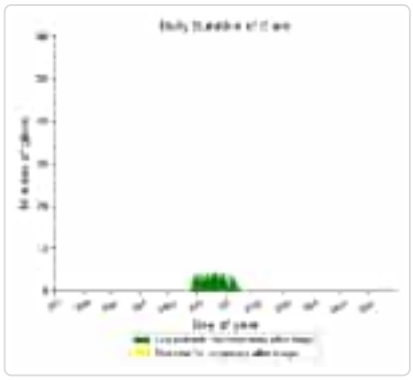


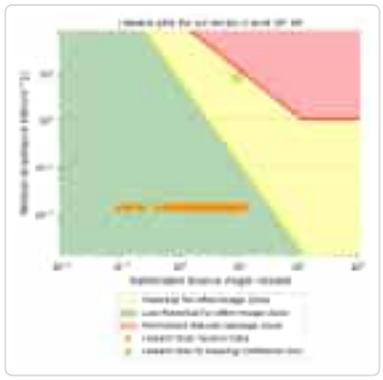
PV array 3: OP 69

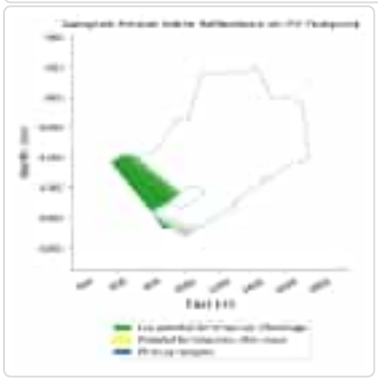
PV array is expected to produce the following glare for this receptor:

- 159 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





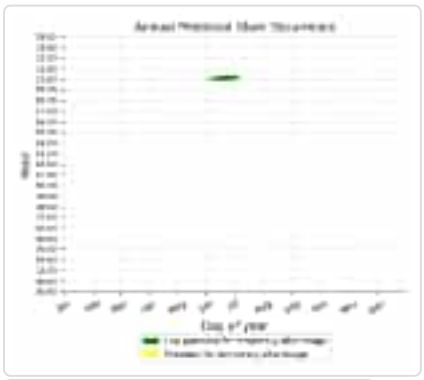


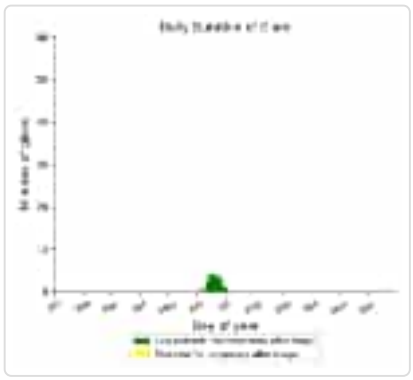


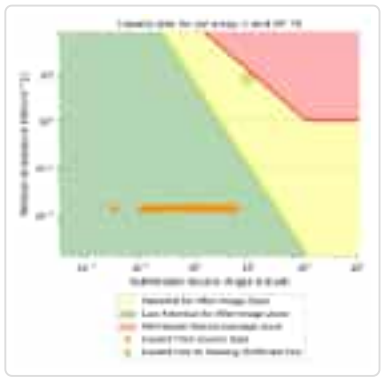
PV array 3: OP 70

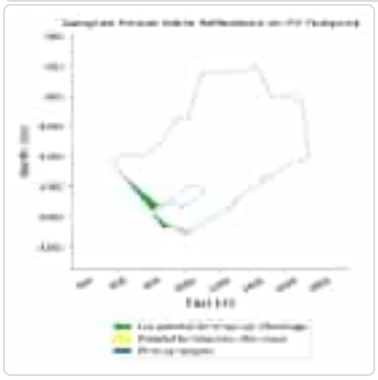
PV array is expected to produce the following glare for this receptor:

- 71 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 71

No glare found

PV array 3: OP 72

No glare found

PV array 3: OP 73

No glare found

PV array 4 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	670	61
OP: OP 2	21	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0

OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	263	34
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
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OP: OP 45	0	0
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OP: OP 56	0	0
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OP: OP 63	0	0
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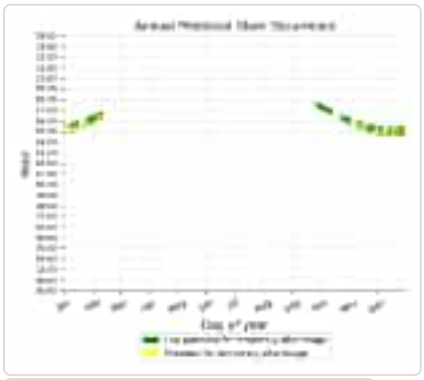
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0

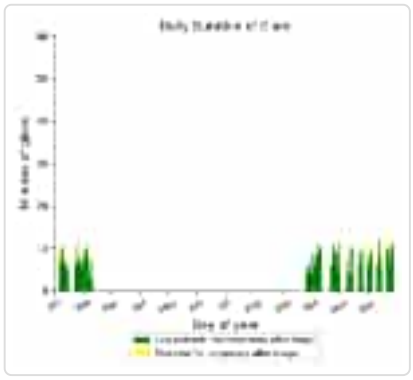
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0

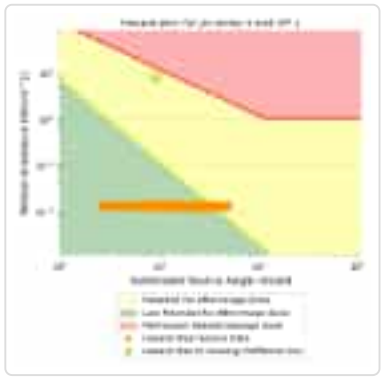
PV array 4: OP 1

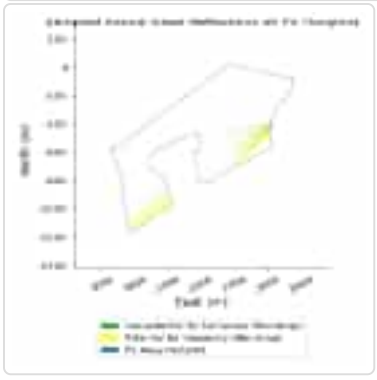
PV array is expected to produce the following glare for this receptor:

- 670 minutes of "green" glare with low potential to cause temporary after-image.
- 61 minutes of "yellow" glare with potential to cause temporary after-image.





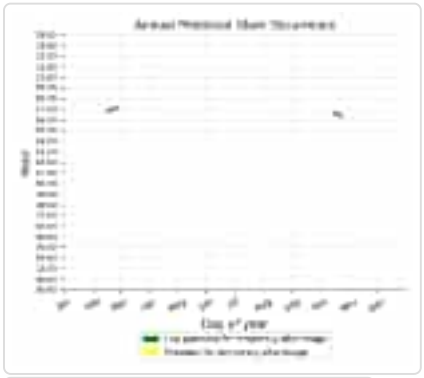


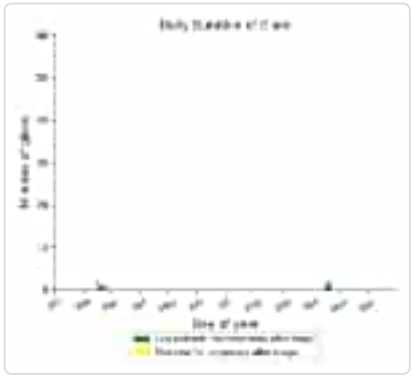


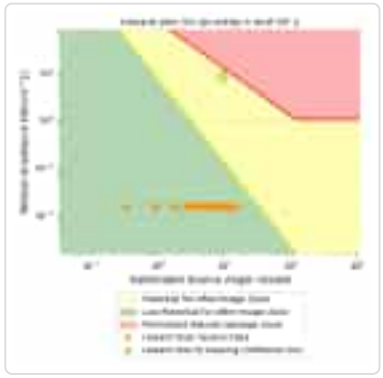
PV array 4: OP 2

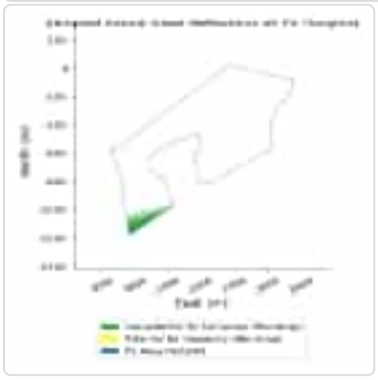
PV array is expected to produce the following glare for this receptor:

- 21 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 3

No glare found

PV array 4: OP 4

No glare found

PV array 4: OP 5

No glare found

PV array 4: OP 6

No glare found

PV array 4: OP 7

No glare found

PV array 4: OP 8

No glare found

PV array 4: OP 9

No glare found

PV array 4: OP 10

No glare found

PV array 4: OP 11

No glare found

PV array 4: OP 12

No glare found

PV array 4: OP 13

No glare found

PV array 4: OP 14

No glare found

PV array 4: OP 15

No glare found

PV array 4: OP 16

No glare found

PV array 4: OP 17

No glare found

PV array 4: OP 18

No glare found

PV array 4: OP 19

No glare found

PV array 4: OP 20

No glare found

PV array 4: OP 21

No glare found

PV array 4: OP 22

No glare found

PV array 4: OP 23

No glare found

PV array 4: OP 24

No glare found

PV array 4: OP 25

No glare found

PV array 4: OP 26

No glare found

PV array 4: OP 27

No glare found

PV array 4: OP 28

No glare found

PV array 4: OP 29

No glare found

PV array 4: OP 30

No glare found

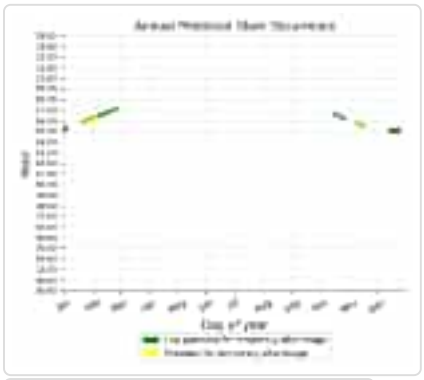
PV array 4: OP 31

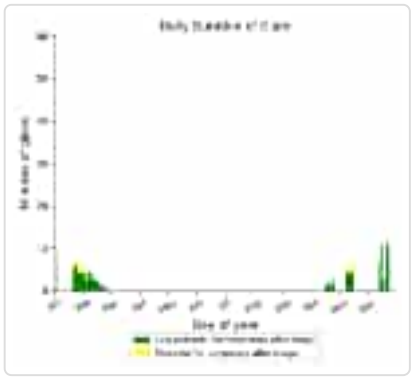
No glare found

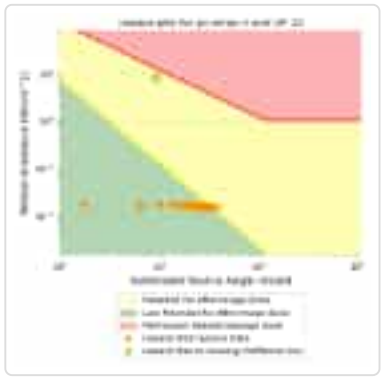
PV array 4: OP 32

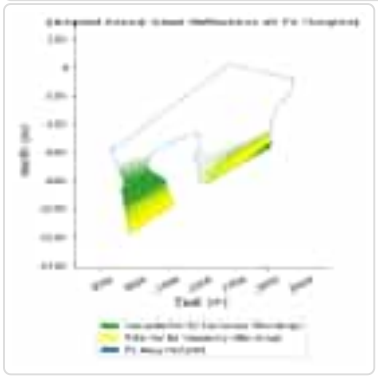
PV array is expected to produce the following glare for this receptor:

- 263 minutes of "green" glare with low potential to cause temporary after-image.
- 34 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 33

No glare found

PV array 4: OP 34

No glare found

PV array 4: OP 35

No glare found

PV array 4: OP 36

No glare found

PV array 4: OP 37

No glare found

PV array 4: OP 38

No glare found

PV array 4: OP 39

No glare found

PV array 4: OP 40

No glare found

PV array 4: OP 41

No glare found

PV array 4: OP 42

No glare found

PV array 4: OP 43

No glare found

PV array 4: OP 44

No glare found

PV array 4: OP 45

No glare found

PV array 4: OP 46

No glare found

PV array 4: OP 47

No glare found

PV array 4: OP 48

No glare found

PV array 4: OP 49

No glare found

PV array 4: OP 50

No glare found

PV array 4: OP 51

No glare found

PV array 4: OP 52

No glare found

PV array 4: OP 53

No glare found

PV array 4: OP 54

No glare found

PV array 4: OP 55

No glare found

PV array 4: OP 56

No glare found

PV array 4: OP 57

No glare found

PV array 4: OP 58

No glare found

PV array 4: OP 59

No glare found

PV array 4: OP 60

No glare found

PV array 4: OP 61

No glare found

PV array 4: OP 62

No glare found

PV array 4: OP 63

No glare found

PV array 4: OP 64

No glare found

PV array 4: OP 65

No glare found

PV array 4: OP 66

No glare found

PV array 4: OP 67

No glare found

PV array 4: OP 68

No glare found

PV array 4: OP 69

No glare found

PV array 4: OP 70

No glare found

PV array 4: OP 71

No glare found

PV array 4: OP 72

No glare found

PV array 4: OP 73

No glare found

PV array 5 low potential for temporary after-image

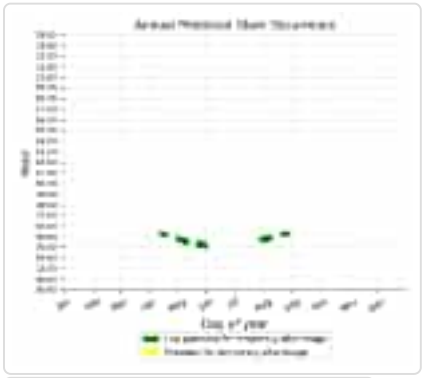
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	790	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	719	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0

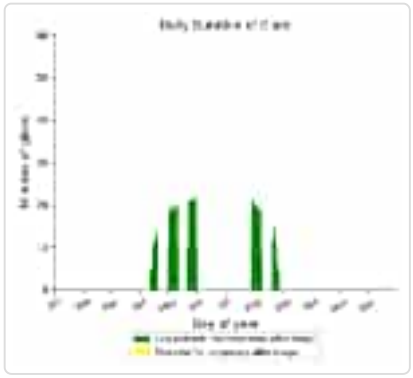
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0

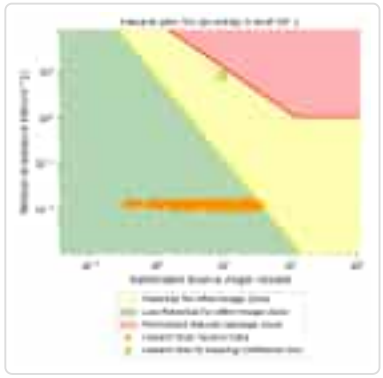
PV array 5: OP 1

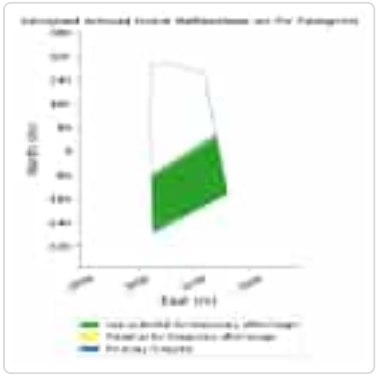
PV array is expected to produce the following glare for this receptor:

- 790 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 2

No glare found

PV array 5: OP 3

No glare found

PV array 5: OP 4

No glare found

PV array 5: OP 5

No glare found

PV array 5: OP 6

No glare found

PV array 5: OP 7

No glare found

PV array 5: OP 8

No glare found

PV array 5: OP 9

No glare found

PV array 5: OP 10

No glare found

PV array 5: OP 11

No glare found

PV array 5: OP 12

No glare found

PV array 5: OP 13

No glare found

PV array 5: OP 14

No glare found

PV array 5: OP 15

No glare found

PV array 5: OP 16

No glare found

PV array 5: OP 17

No glare found

PV array 5: OP 18

No glare found

PV array 5: OP 19

No glare found

PV array 5: OP 20

No glare found

PV array 5: OP 21

No glare found

PV array 5: OP 22

No glare found

PV array 5: OP 23

No glare found

PV array 5: OP 24

No glare found

PV array 5: OP 25

No glare found

PV array 5: OP 26

No glare found

PV array 5: OP 27

No glare found

PV array 5: OP 28

No glare found

PV array 5: OP 29

No glare found

PV array 5: OP 30

No glare found

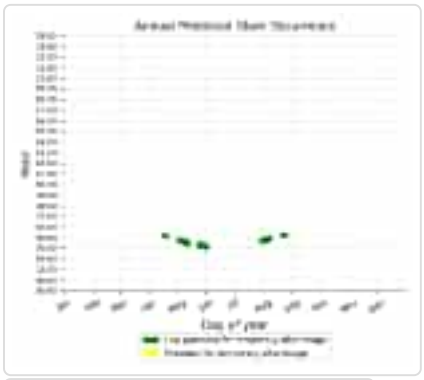
PV array 5: OP 31

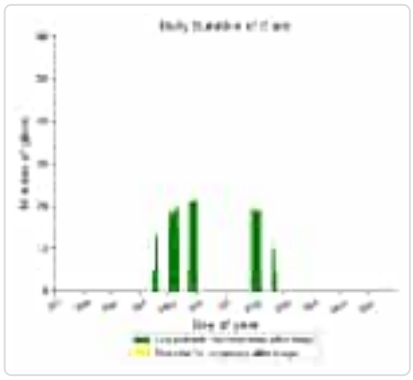
No glare found

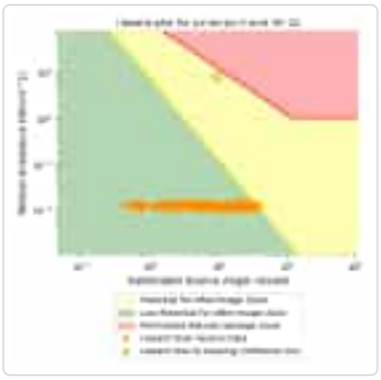
PV array 5: OP 32

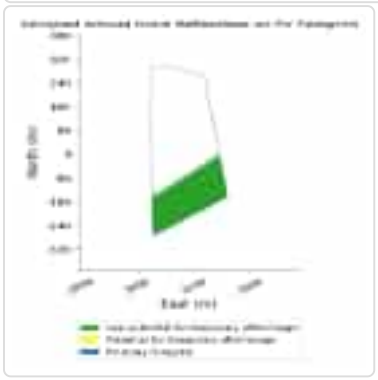
PV array is expected to produce the following glare for this receptor:

- 719 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 33

No glare found

PV array 5: OP 34

No glare found

PV array 5: OP 35

No glare found

PV array 5: OP 36

No glare found

PV array 5: OP 37

No glare found

PV array 5: OP 38

No glare found

PV array 5: OP 39

No glare found

PV array 5: OP 40

No glare found

PV array 5: OP 41

No glare found

PV array 5: OP 42

No glare found

PV array 5: OP 43

No glare found

PV array 5: OP 44

No glare found

PV array 5: OP 45

No glare found

PV array 5: OP 46

No glare found

PV array 5: OP 47

No glare found

PV array 5: OP 48

No glare found

PV array 5: OP 49

No glare found

PV array 5: OP 50

No glare found

PV array 5: OP 51

No glare found

PV array 5: OP 52

No glare found

PV array 5: OP 53

No glare found

PV array 5: OP 54

No glare found

PV array 5: OP 55

No glare found

PV array 5: OP 56

No glare found

PV array 5: OP 57

No glare found

PV array 5: OP 58

No glare found

PV array 5: OP 59

No glare found

PV array 5: OP 60

No glare found

PV array 5: OP 61

No glare found

PV array 5: OP 62

No glare found

PV array 5: OP 63

No glare found

PV array 5: OP 64

No glare found

PV array 5: OP 65

No glare found

PV array 5: OP 66

No glare found

PV array 5: OP 67

No glare found

PV array 5: OP 68

No glare found

PV array 5: OP 69

No glare found

PV array 5: OP 70

No glare found

PV array 5: OP 71

No glare found

PV array 5: OP 72

No glare found

PV array 5: OP 73

No glare found

PV array 6 potential temporary after-image

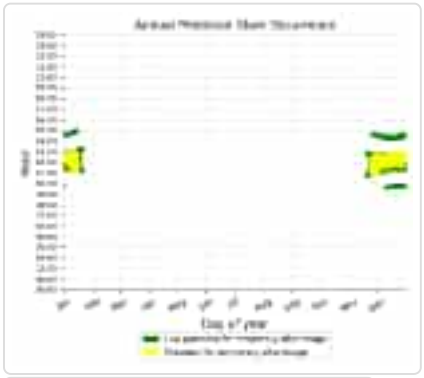
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	3286	3161
OP: OP 2	702	1216
OP: OP 3	571	665
OP: OP 4	281	988
OP: OP 5	430	902
OP: OP 6	983	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	480	0
OP: OP 33	0	0

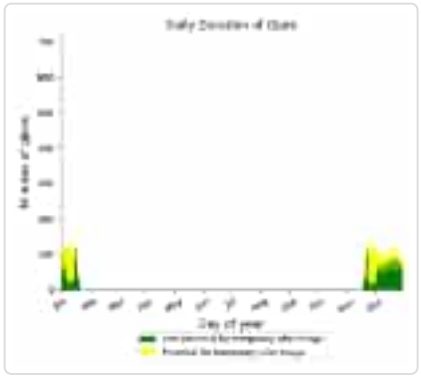
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	52	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0

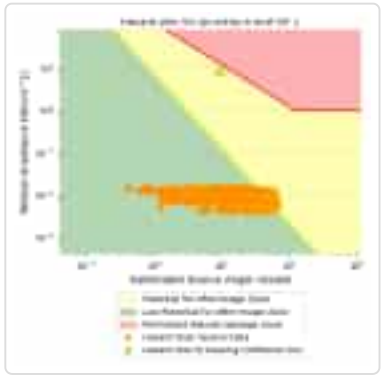
PV array 6: OP 1

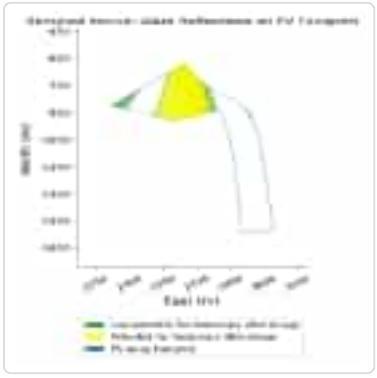
PV array is expected to produce the following glare for this receptor:

- 3,286 minutes of "green" glare with low potential to cause temporary after-image.
- 3,161 minutes of "yellow" glare with potential to cause temporary after-image.





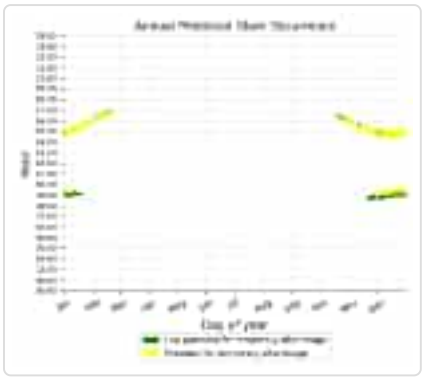


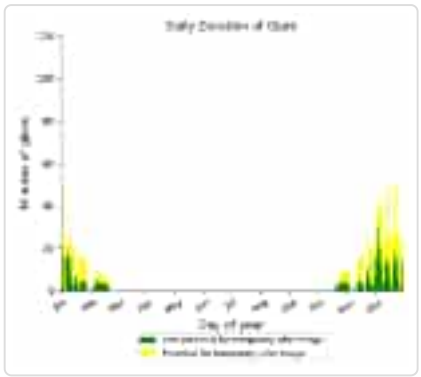


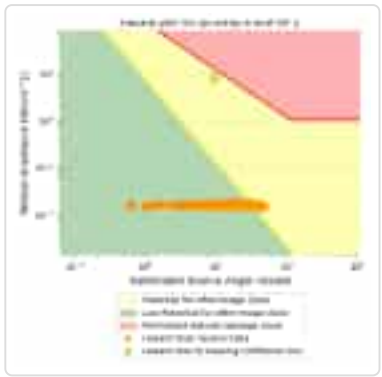
PV array 6: OP 2

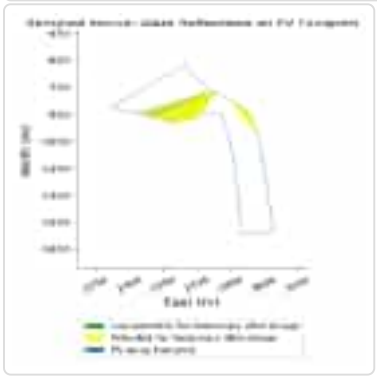
PV array is expected to produce the following glare for this receptor:

- 702 minutes of "green" glare with low potential to cause temporary after-image.
- 1,216 minutes of "yellow" glare with potential to cause temporary after-image.





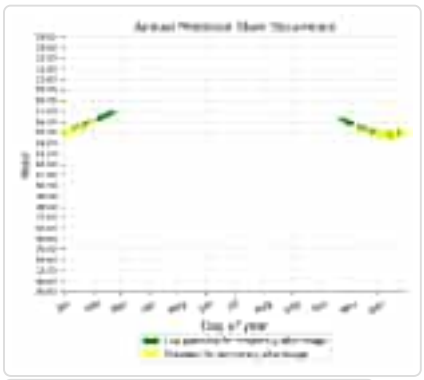


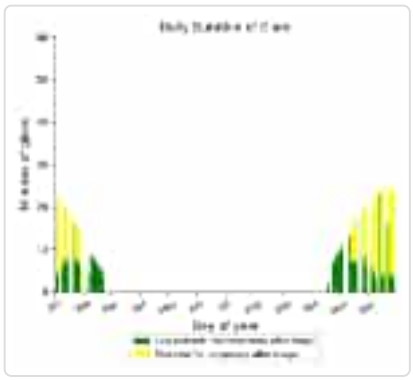


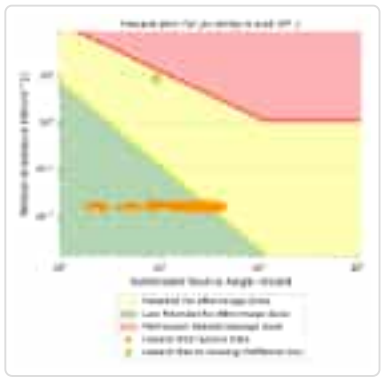
PV array 6: OP 3

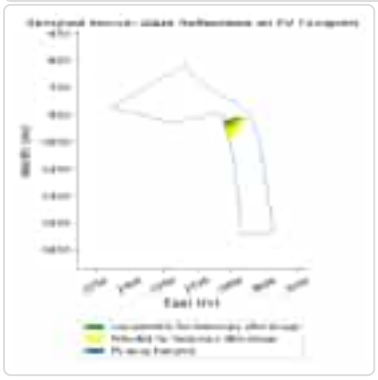
PV array is expected to produce the following glare for this receptor:

- 571 minutes of "green" glare with low potential to cause temporary after-image.
- 665 minutes of "yellow" glare with potential to cause temporary after-image.





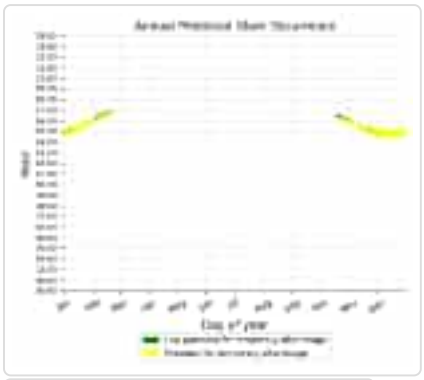


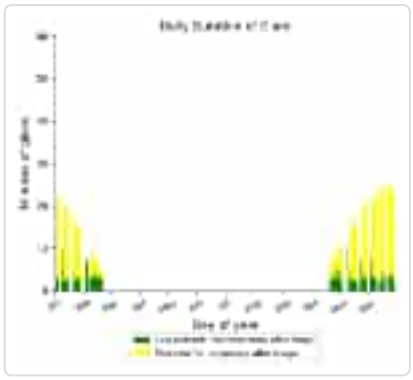


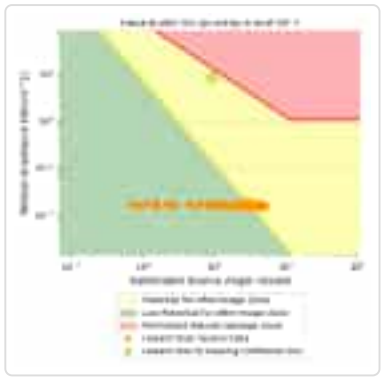
PV array 6: OP 4

PV array is expected to produce the following glare for this receptor:

- 281 minutes of "green" glare with low potential to cause temporary after-image.
- 988 minutes of "yellow" glare with potential to cause temporary after-image.



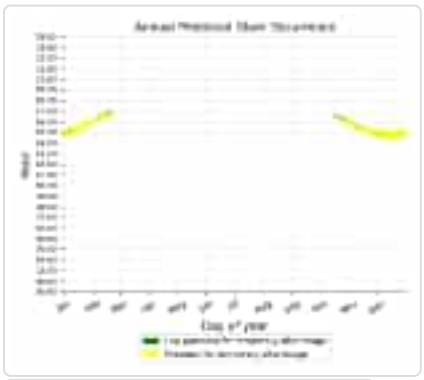


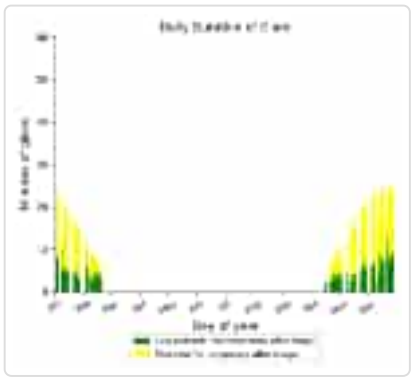


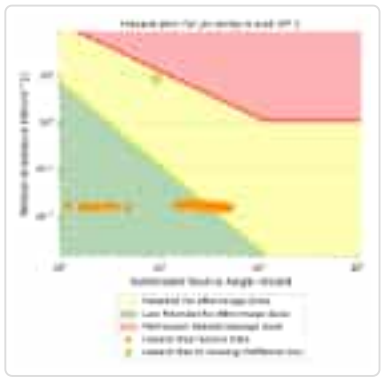
PV array 6: OP 5

PV array is expected to produce the following glare for this receptor:

- 430 minutes of "green" glare with low potential to cause temporary after-image.
- 902 minutes of "yellow" glare with potential to cause temporary after-image.



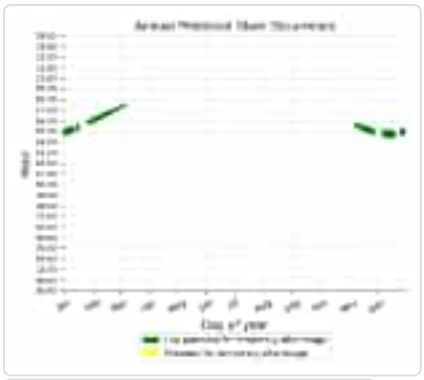


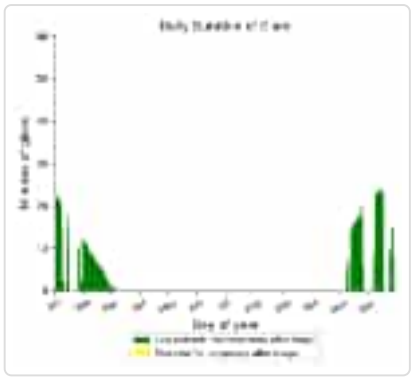


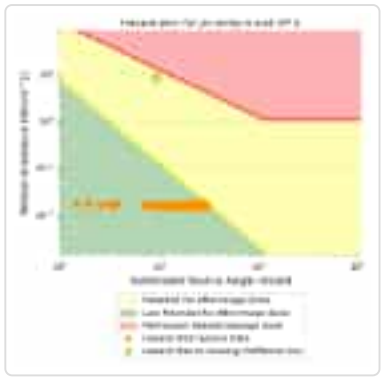
PV array 6: OP 6

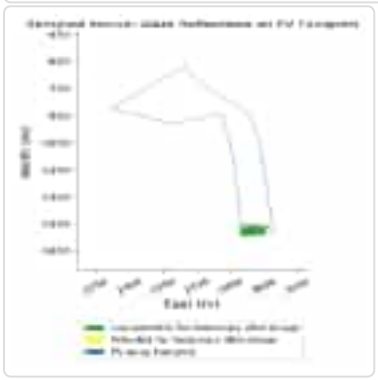
PV array is expected to produce the following glare for this receptor:

- 983 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 7

No glare found

PV array 6: OP 8

No glare found

PV array 6: OP 9

No glare found

PV array 6: OP 10

No glare found

PV array 6: OP 11

No glare found

PV array 6: OP 12

No glare found

PV array 6: OP 13

No glare found

PV array 6: OP 14

No glare found

PV array 6: OP 15

No glare found

PV array 6: OP 16

No glare found

PV array 6: OP 17

No glare found

PV array 6: OP 18

No glare found

PV array 6: OP 19

No glare found

PV array 6: OP 20

No glare found

PV array 6: OP 21

No glare found

PV array 6: OP 22

No glare found

PV array 6: OP 23

No glare found

PV array 6: OP 24

No glare found

PV array 6: OP 25

No glare found

PV array 6: OP 26

No glare found

PV array 6: OP 27

No glare found

PV array 6: OP 28

No glare found

PV array 6: OP 29

No glare found

PV array 6: OP 30

No glare found

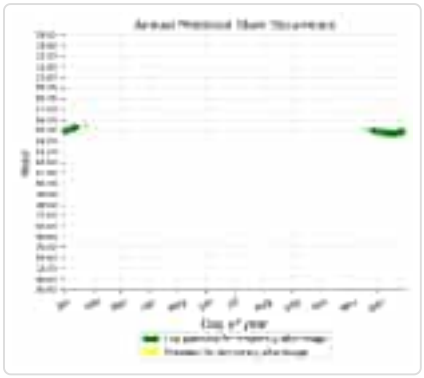
PV array 6: OP 31

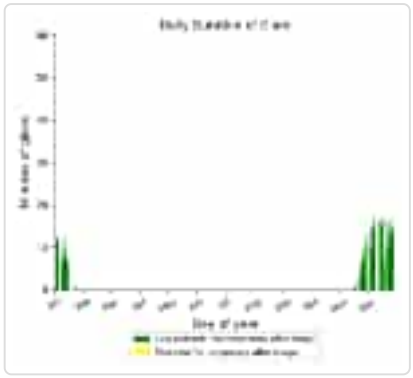
No glare found

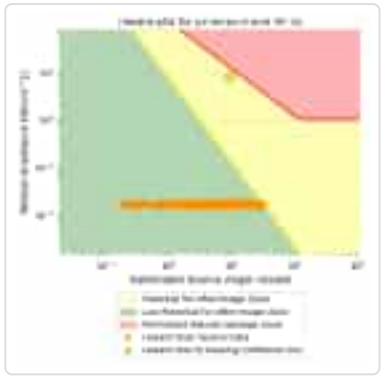
PV array 6: OP 32

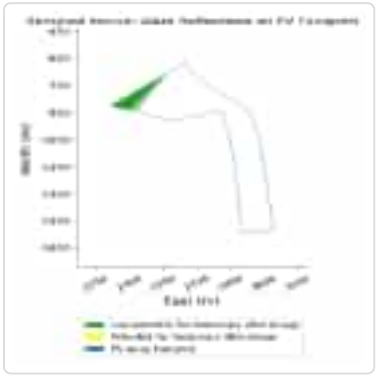
PV array is expected to produce the following glare for this receptor:

- 480 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 33

No glare found

PV array 6: OP 34

No glare found

PV array 6: OP 35

No glare found

PV array 6: OP 36

No glare found

PV array 6: OP 37

No glare found

PV array 6: OP 38

No glare found

PV array 6: OP 39

No glare found

PV array 6: OP 40

No glare found

PV array 6: OP 41

No glare found

PV array 6: OP 42

No glare found

PV array 6: OP 43

No glare found

PV array 6: OP 44

No glare found

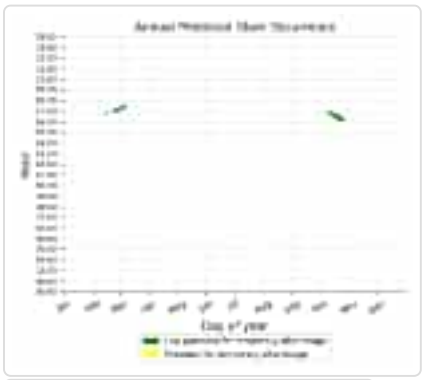
PV array 6: OP 45

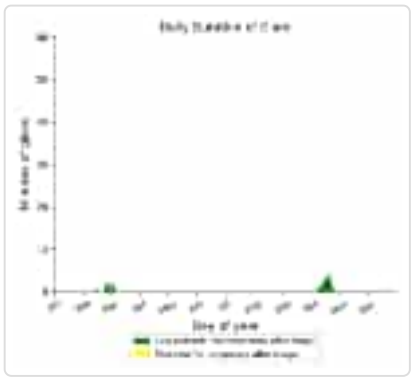
No glare found

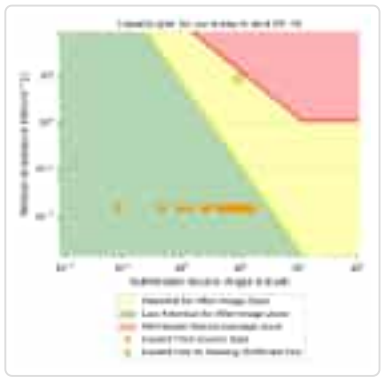
PV array 6: OP 46

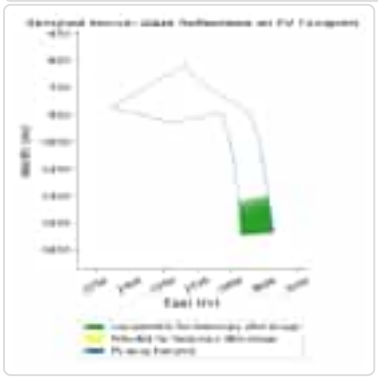
PV array is expected to produce the following glare for this receptor:

- 52 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 47

No glare found

PV array 6: OP 48

No glare found

PV array 6: OP 49

No glare found

PV array 6: OP 50

No glare found

PV array 6: OP 51

No glare found

PV array 6: OP 52

No glare found

PV array 6: OP 53

No glare found

PV array 6: OP 54

No glare found

PV array 6: OP 55

No glare found

PV array 6: OP 56
No glare found

PV array 6: OP 57
No glare found

PV array 6: OP 58
No glare found

PV array 6: OP 59
No glare found

PV array 6: OP 60
No glare found

PV array 6: OP 61
No glare found

PV array 6: OP 62
No glare found

PV array 6: OP 63
No glare found

PV array 6: OP 64
No glare found

PV array 6: OP 65
No glare found

PV array 6: OP 66
No glare found

PV array 6: OP 67
No glare found

PV array 6: OP 68
No glare found

PV array 6: OP 69
No glare found

PV array 6: OP 70
No glare found

PV array 6: OP 71
No glare found

PV array 6: OP 72

No glare found

PV array 6: OP 73

No glare found

PV array 7 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	19	0
OP: OP 5	120	0
OP: OP 6	104	0
OP: OP 7	266	0
OP: OP 8	525	0
OP: OP 9	500	0
OP: OP 10	376	3
OP: OP 11	159	0
OP: OP 12	650	0
OP: OP 13	455	471
OP: OP 14	833	717
OP: OP 15	1129	379
OP: OP 16	1050	0
OP: OP 17	448	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	45	0
OP: OP 22	306	0
OP: OP 23	392	53
OP: OP 24	366	15
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	118	0
OP: OP 28	125	0
OP: OP 29	442	0
OP: OP 30	264	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	265	0
OP: OP 35	375	0
OP: OP 36	395	0
OP: OP 37	530	0
OP: OP 38	585	0
OP: OP 39	639	0
OP: OP 40	492	0
OP: OP 41	510	0
OP: OP 42	122	0
OP: OP 43	59	0

OP: OP 44	36	0
OP: OP 45	0	0
OP: OP 46	39	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	223	0
OP: OP 57	404	0
OP: OP 58	590	0
OP: OP 59	418	0
OP: OP 60	613	0
OP: OP 61	641	0
OP: OP 62	632	0
OP: OP 63	627	0
OP: OP 64	699	0
OP: OP 65	701	0
OP: OP 66	652	0
OP: OP 67	594	0
OP: OP 68	608	0
OP: OP 69	610	0
OP: OP 70	496	0
OP: OP 71	378	0
OP: OP 72	55	0
OP: OP 73	0	0

PV array 7: OP 1

No glare found

PV array 7: OP 2

No glare found

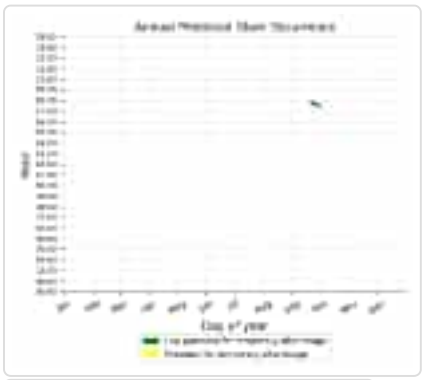
PV array 7: OP 3

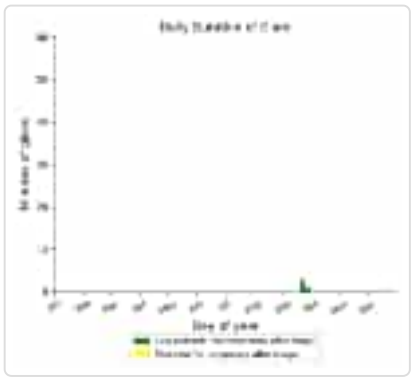
No glare found

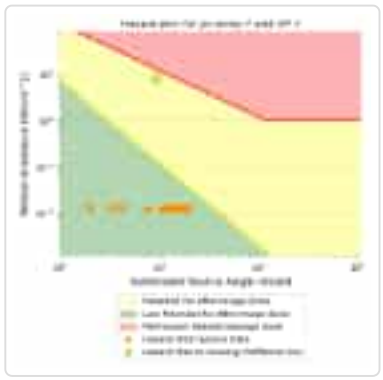
PV array 7: OP 4

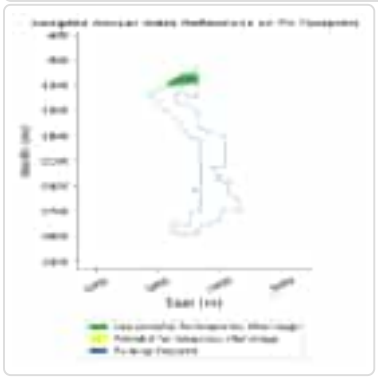
PV array is expected to produce the following glare for this receptor:

- 19 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





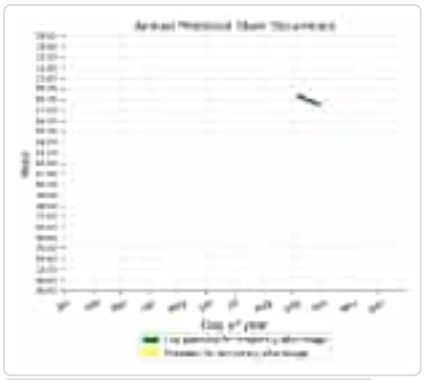


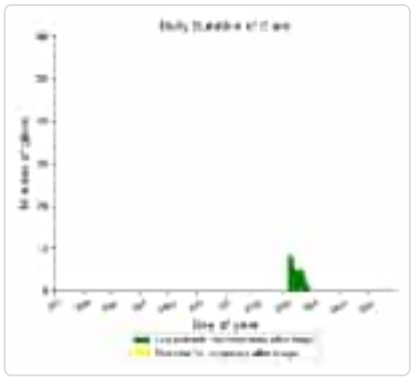


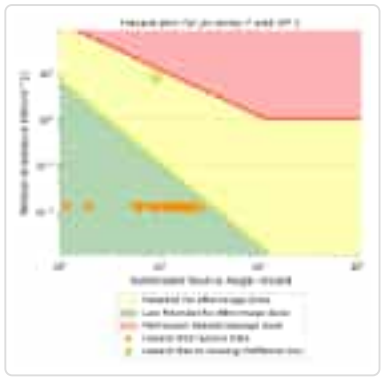
PV array 7: OP 5

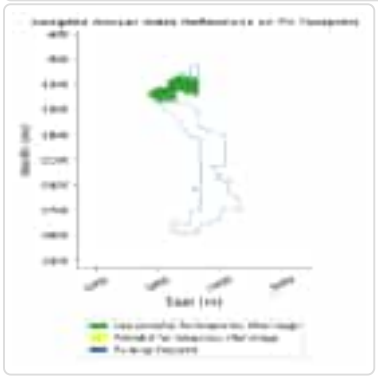
PV array is expected to produce the following glare for this receptor:

- 120 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





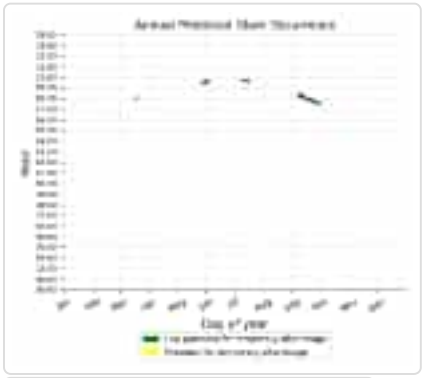


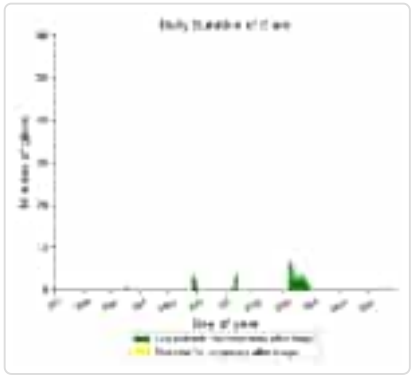


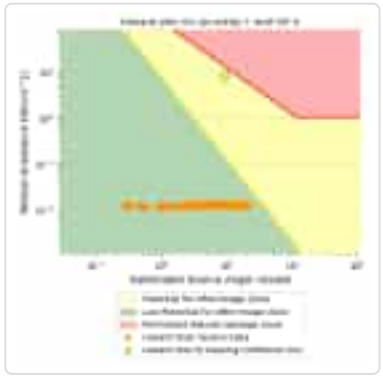
PV array 7: OP 6

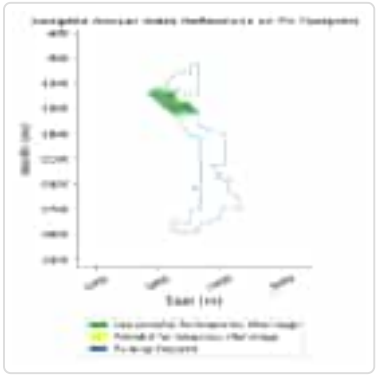
PV array is expected to produce the following glare for this receptor:

- 104 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





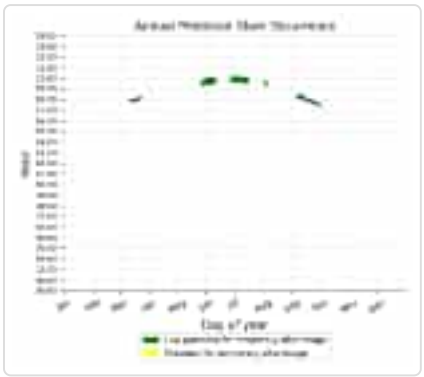


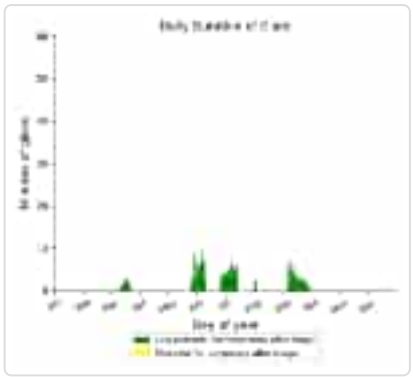


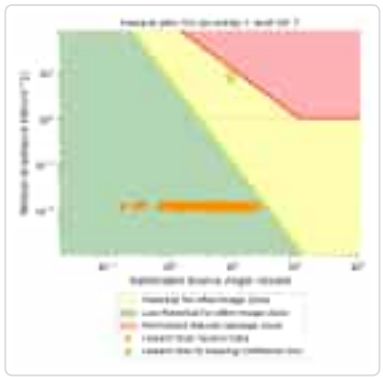
PV array 7: OP 7

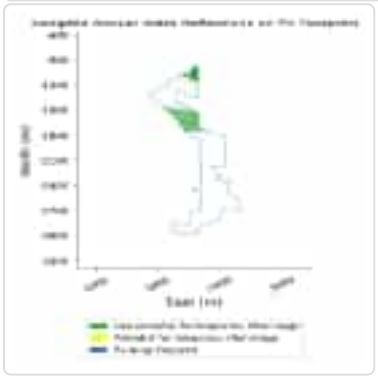
PV array is expected to produce the following glare for this receptor:

- 266 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





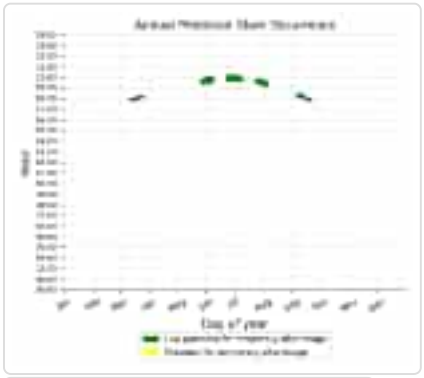


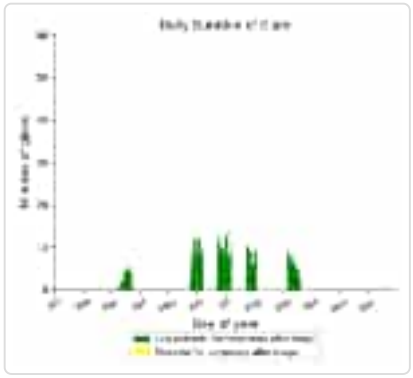


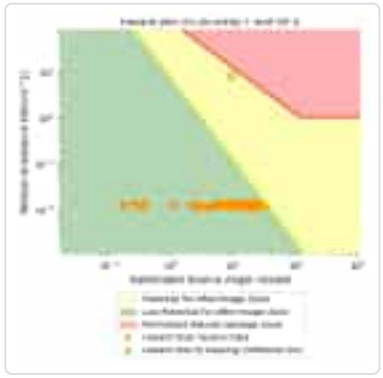
PV array 7: OP 8

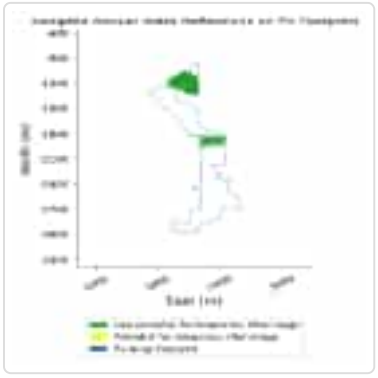
PV array is expected to produce the following glare for this receptor:

- 525 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





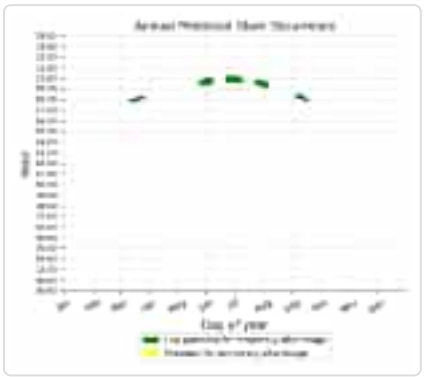


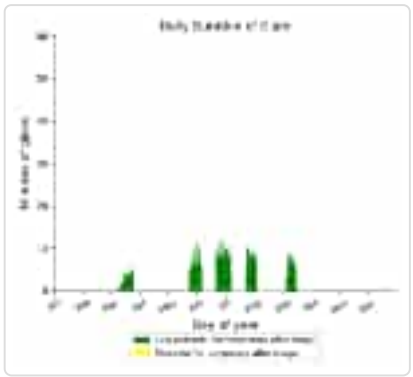


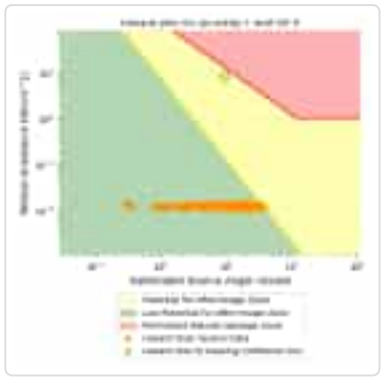
PV array 7: OP 9

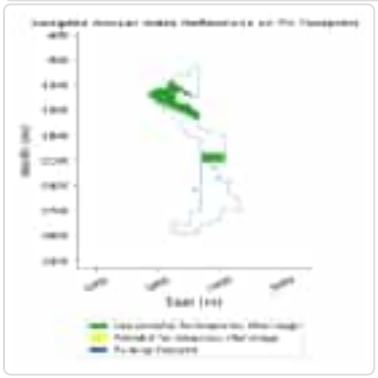
PV array is expected to produce the following glare for this receptor:

- 500 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





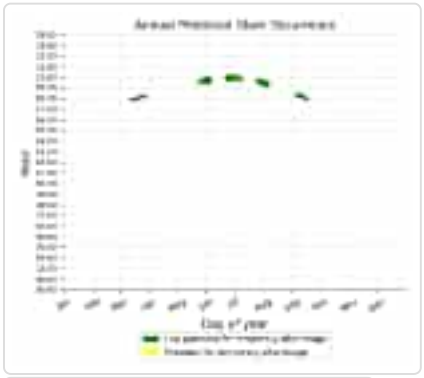


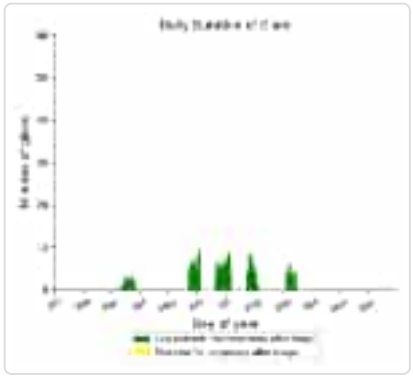


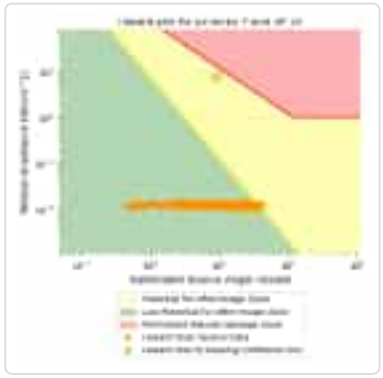
PV array 7: OP 10

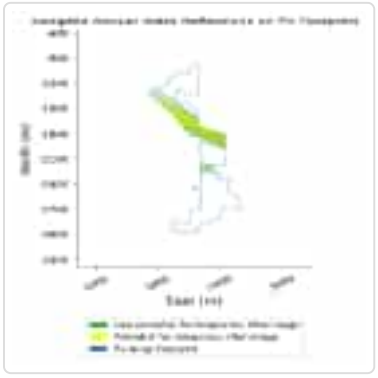
PV array is expected to produce the following glare for this receptor:

- 376 minutes of "green" glare with low potential to cause temporary after-image.
- 3 minutes of "yellow" glare with potential to cause temporary after-image.





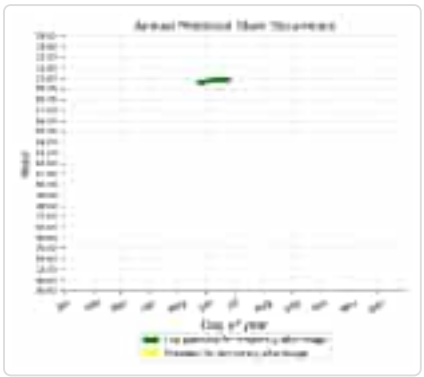


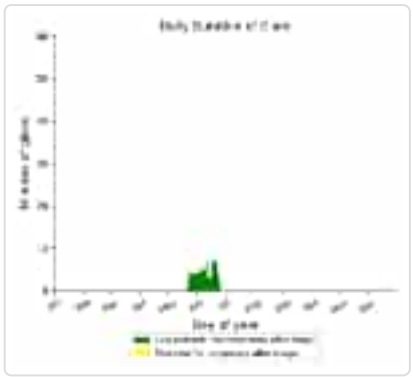


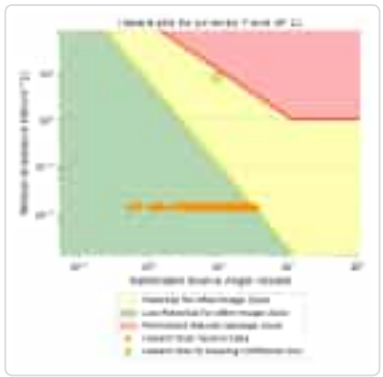
PV array 7: OP 11

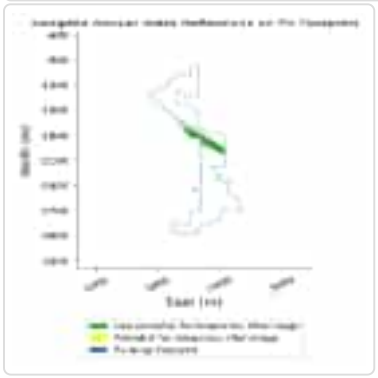
PV array is expected to produce the following glare for this receptor:

- 159 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





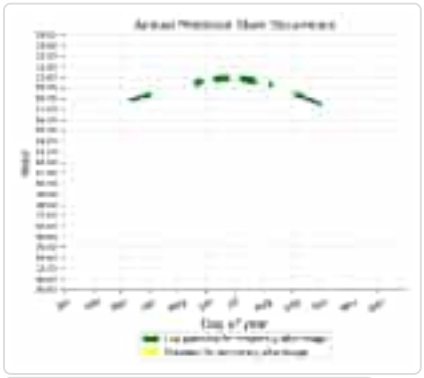


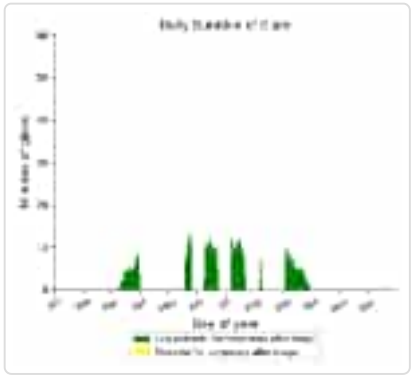


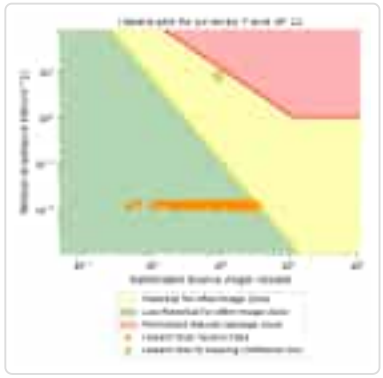
PV array 7: OP 12

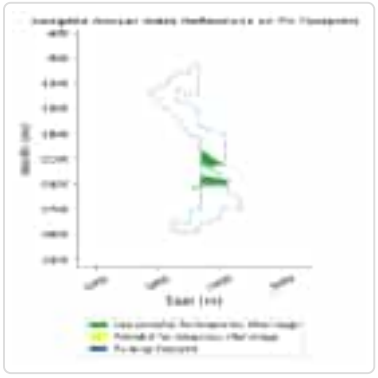
PV array is expected to produce the following glare for this receptor:

- 650 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





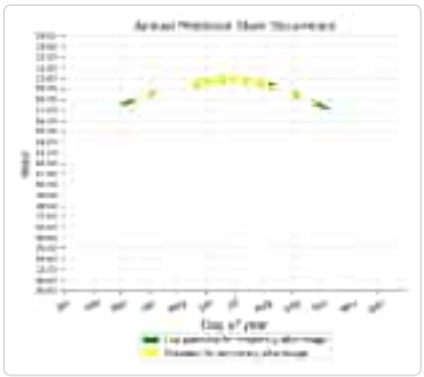


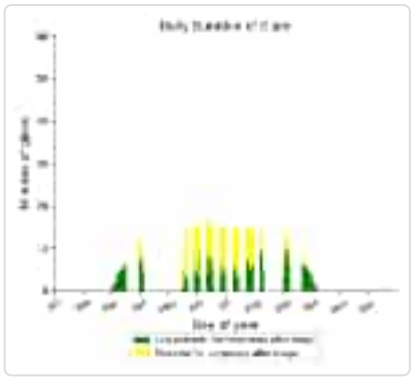


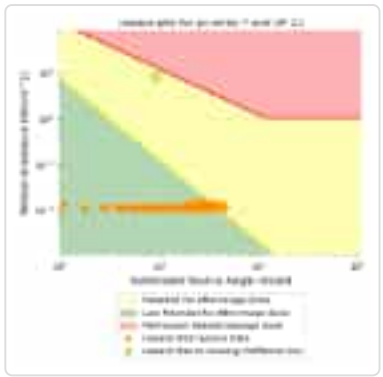
PV array 7: OP 13

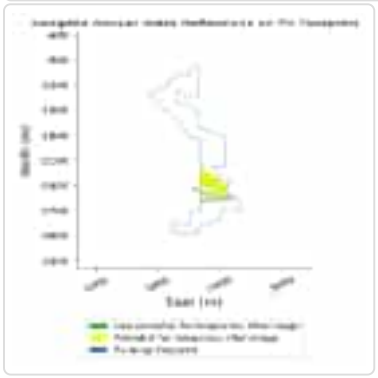
PV array is expected to produce the following glare for this receptor:

- 455 minutes of "green" glare with low potential to cause temporary after-image.
- 471 minutes of "yellow" glare with potential to cause temporary after-image.





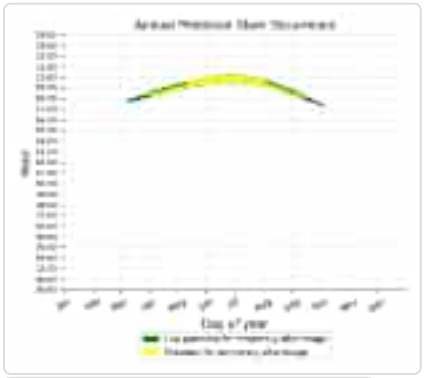


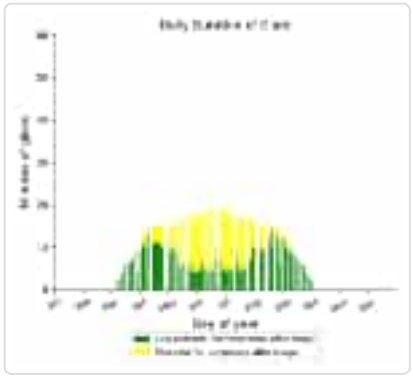


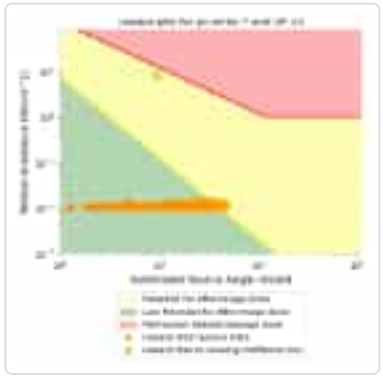
PV array 7: OP 14

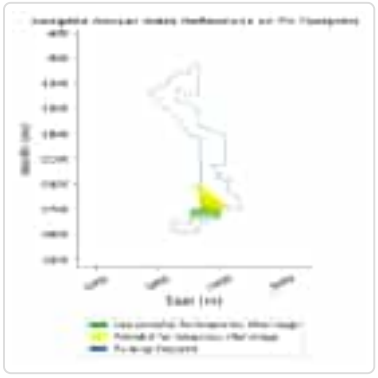
PV array is expected to produce the following glare for this receptor:

- 833 minutes of "green" glare with low potential to cause temporary after-image.
- 717 minutes of "yellow" glare with potential to cause temporary after-image.





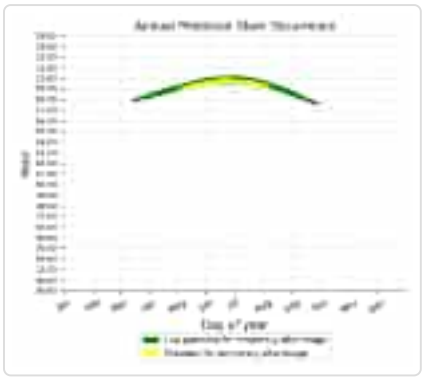


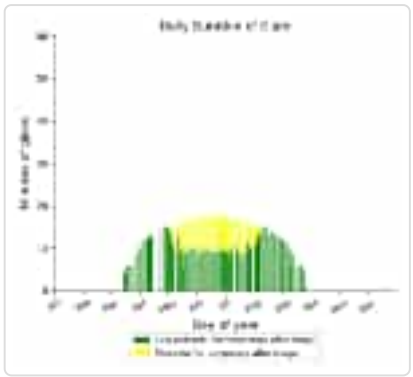


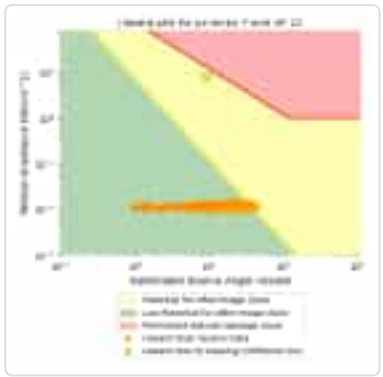
PV array 7: OP 15

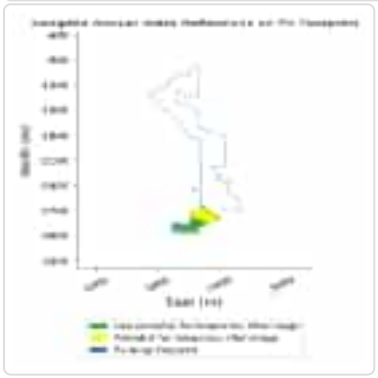
PV array is expected to produce the following glare for this receptor:

- 1,129 minutes of "green" glare with low potential to cause temporary after-image.
- 379 minutes of "yellow" glare with potential to cause temporary after-image.





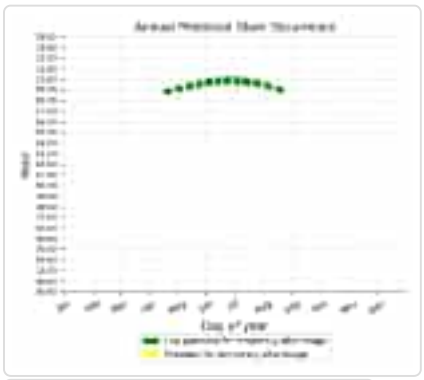


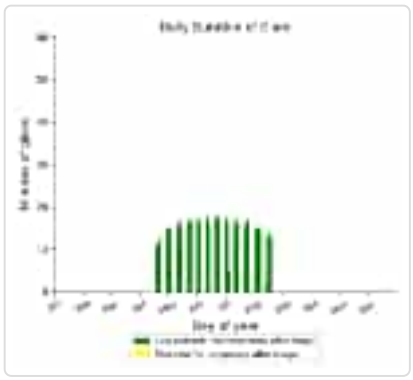


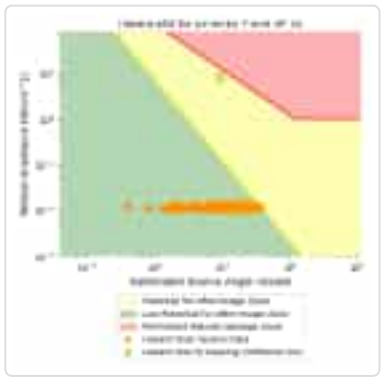
PV array 7: OP 16

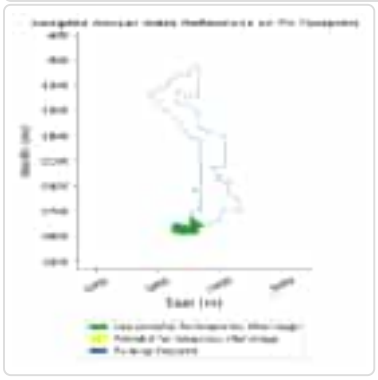
PV array is expected to produce the following glare for this receptor:

- 1,050 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





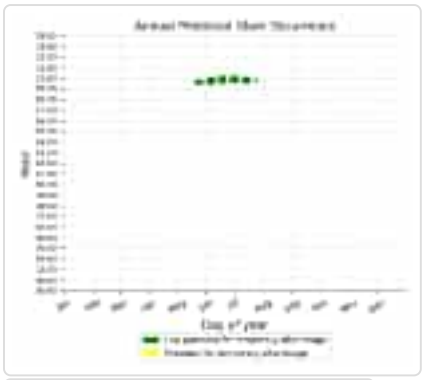


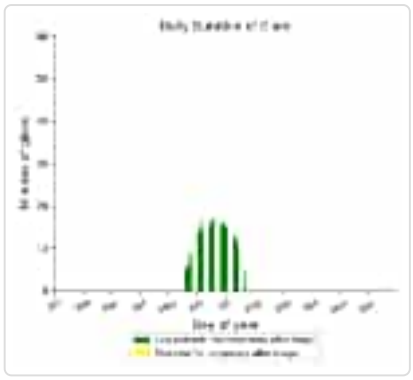


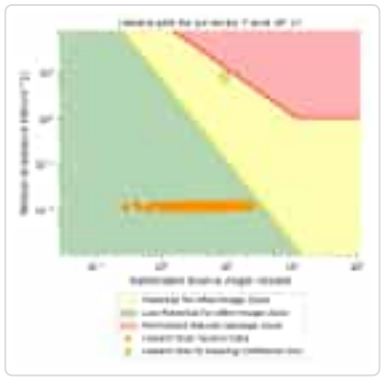
PV array 7: OP 17

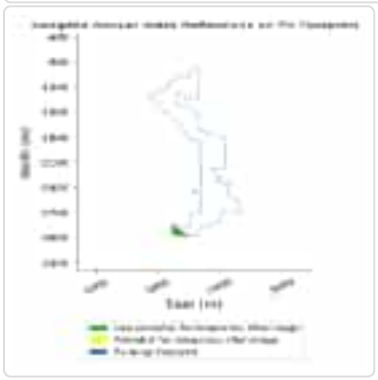
PV array is expected to produce the following glare for this receptor:

- 448 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 18

No glare found

PV array 7: OP 19

No glare found

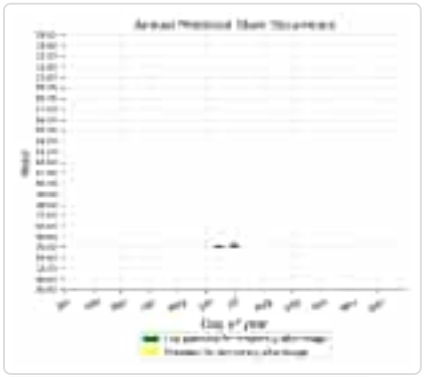
PV array 7: OP 20

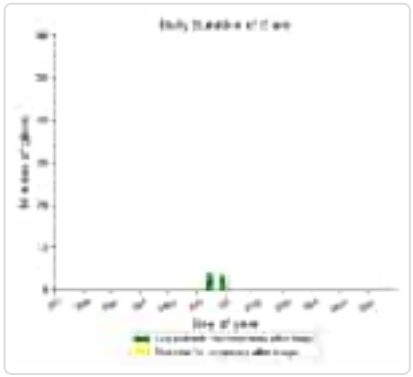
No glare found

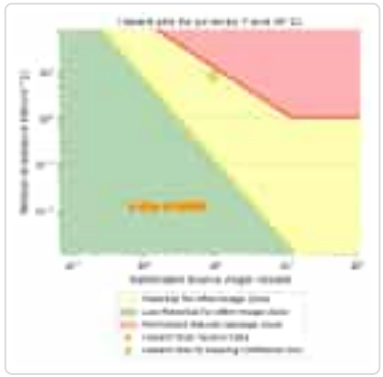
PV array 7: OP 21

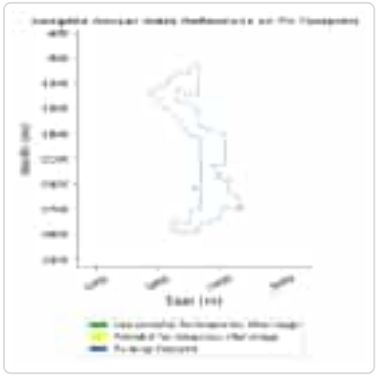
PV array is expected to produce the following glare for this receptor:

- 45 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





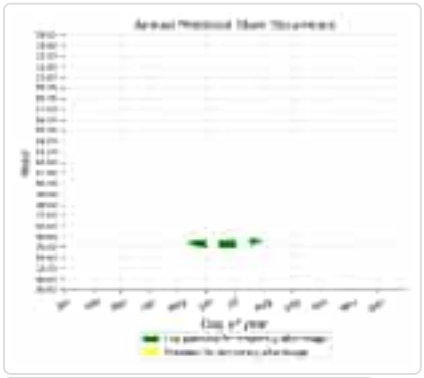


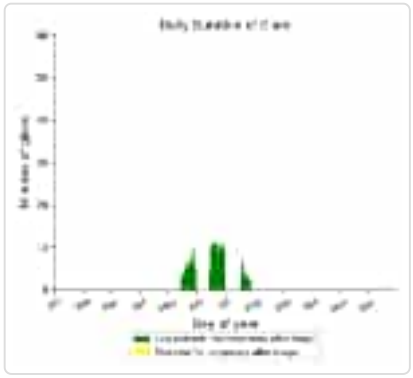


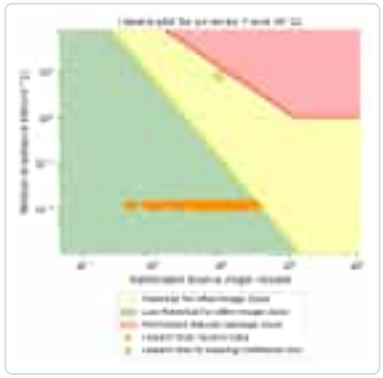
PV array 7: OP 22

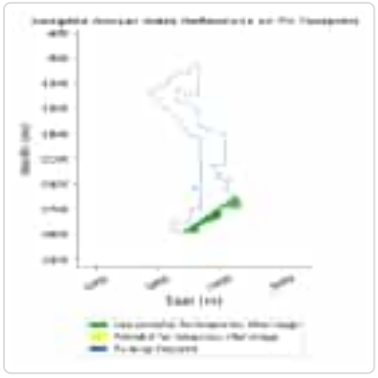
PV array is expected to produce the following glare for this receptor:

- 306 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





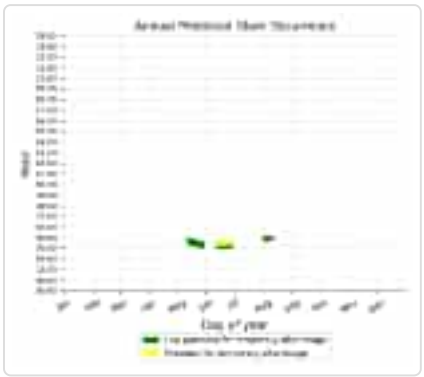


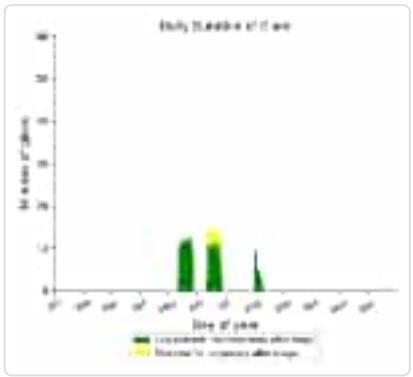


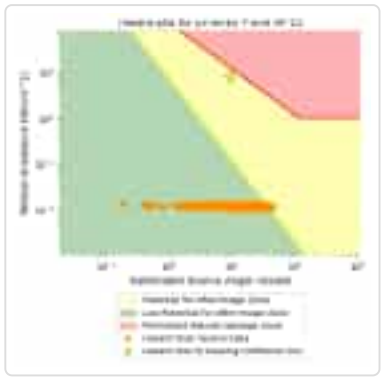
PV array 7: OP 23

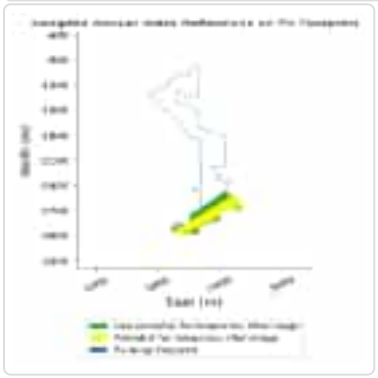
PV array is expected to produce the following glare for this receptor:

- 392 minutes of "green" glare with low potential to cause temporary after-image.
- 53 minutes of "yellow" glare with potential to cause temporary after-image.





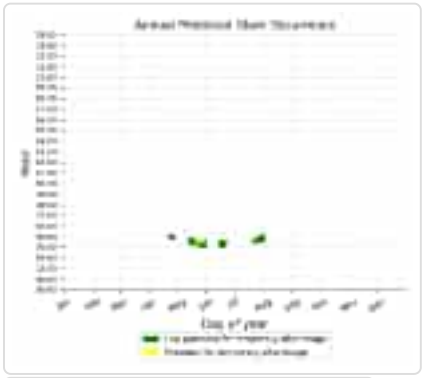


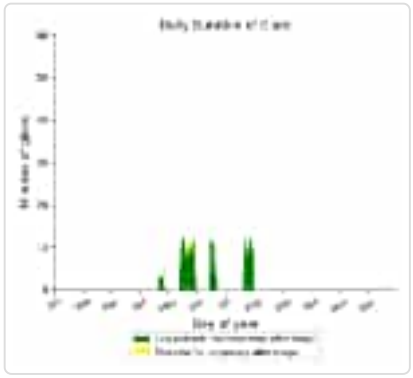


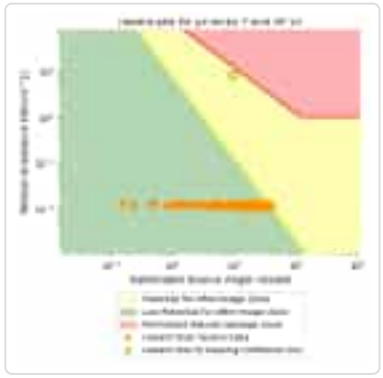
PV array 7: OP 24

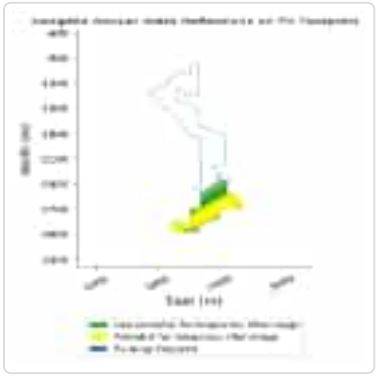
PV array is expected to produce the following glare for this receptor:

- 366 minutes of "green" glare with low potential to cause temporary after-image.
- 15 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 25

No glare found

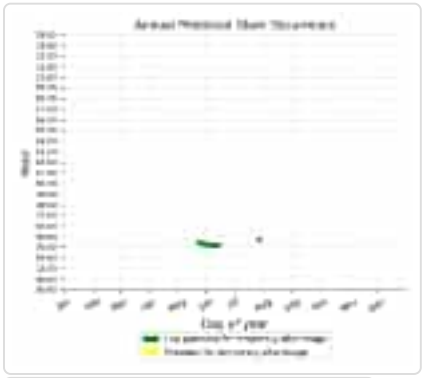
PV array 7: OP 26

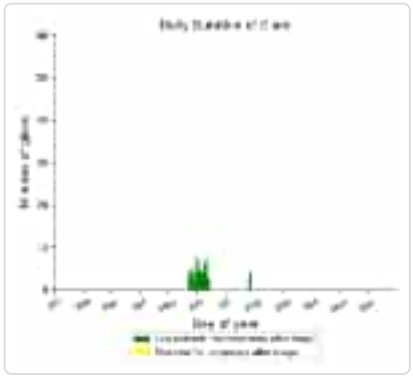
No glare found

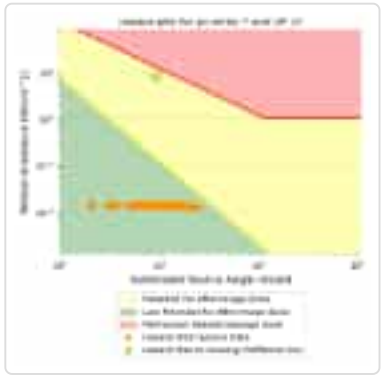
PV array 7: OP 27

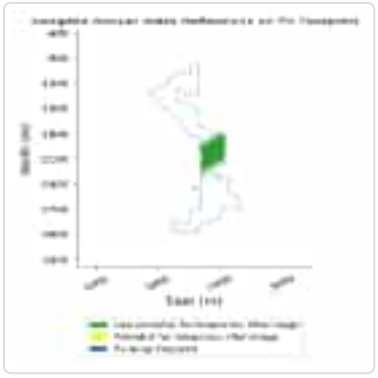
PV array is expected to produce the following glare for this receptor:

- 118 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





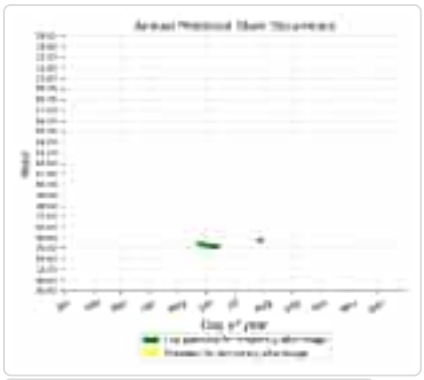


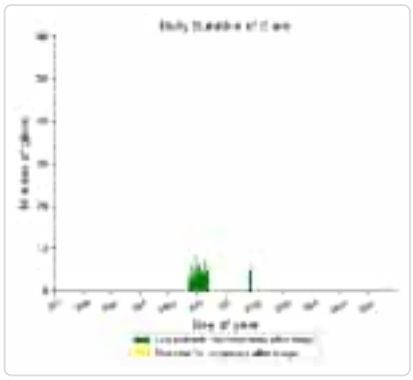


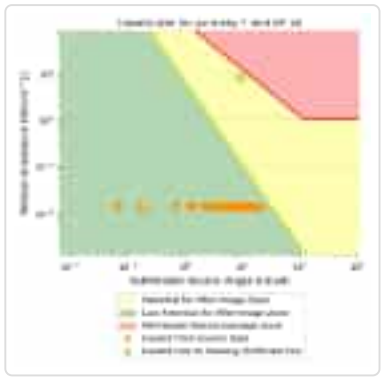
PV array 7: OP 28

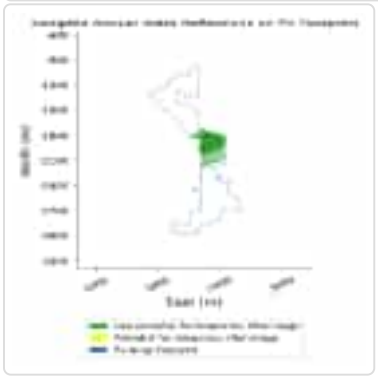
PV array is expected to produce the following glare for this receptor:

- 125 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





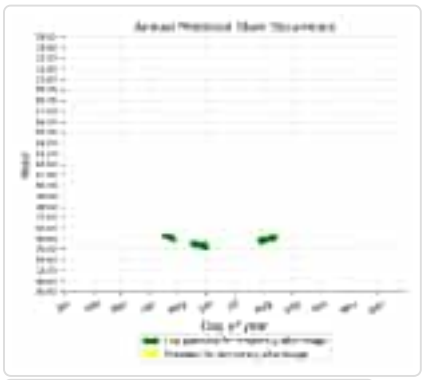


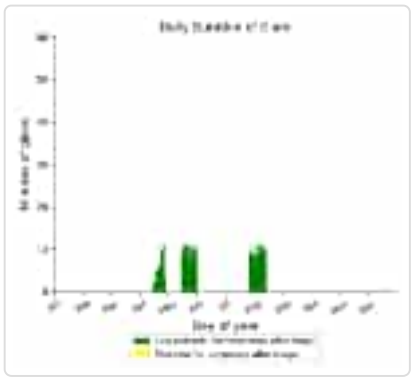


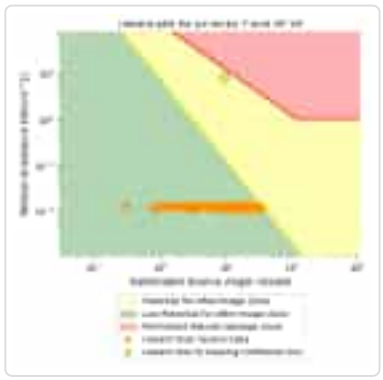
PV array 7: OP 29

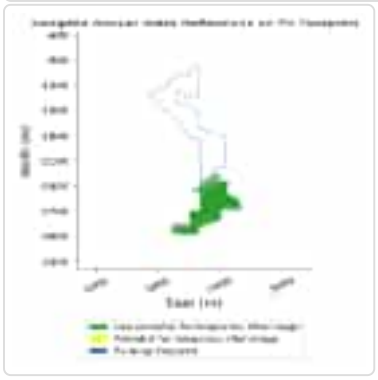
PV array is expected to produce the following glare for this receptor:

- 442 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





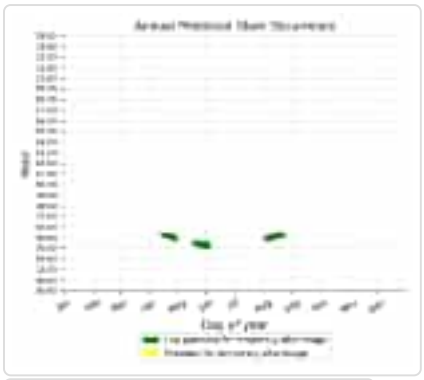


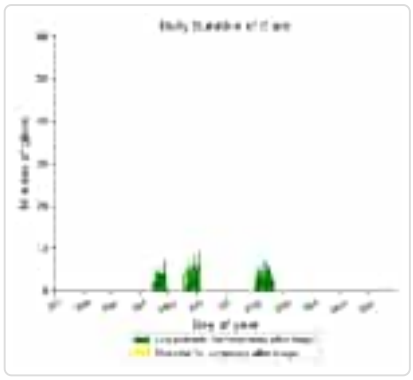


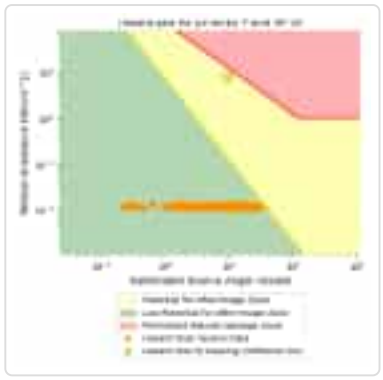
PV array 7: OP 30

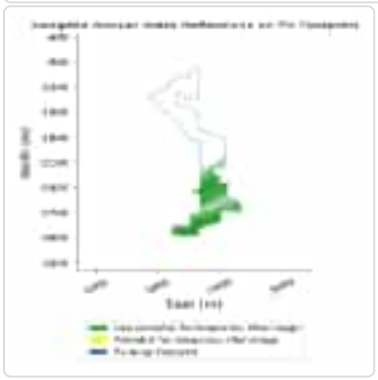
PV array is expected to produce the following glare for this receptor:

- 264 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 31

No glare found

PV array 7: OP 32

No glare found

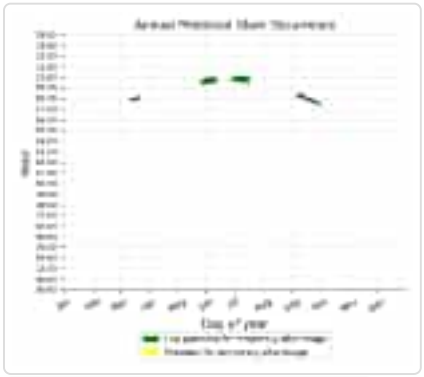
PV array 7: OP 33

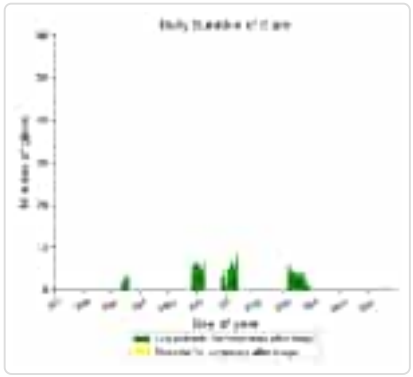
No glare found

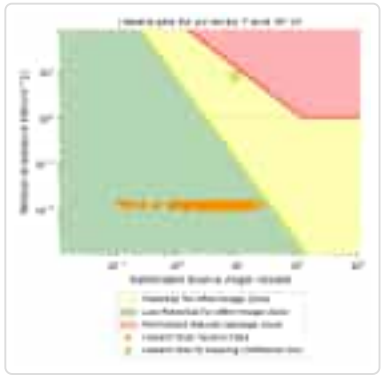
PV array 7: OP 34

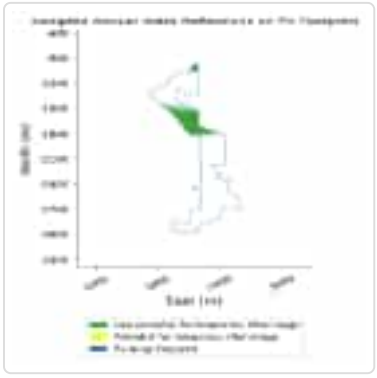
PV array is expected to produce the following glare for this receptor:

- 265 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





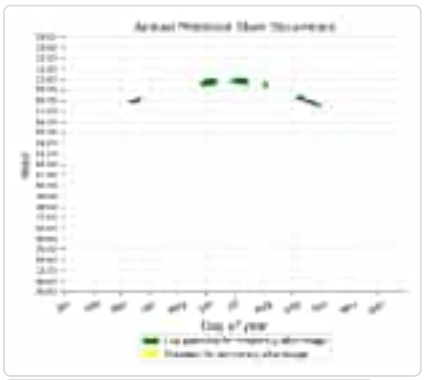


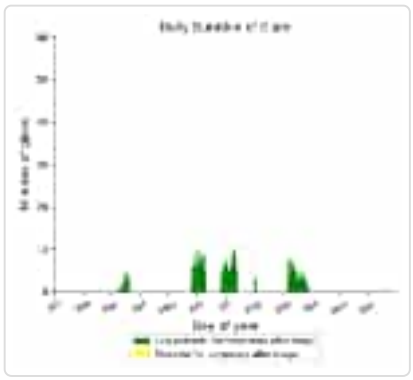


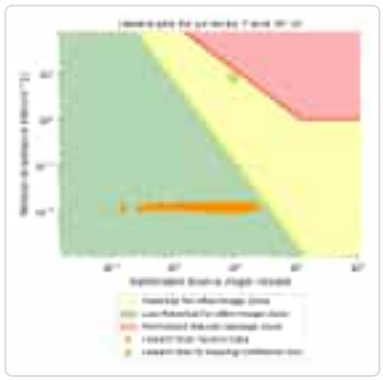
PV array 7: OP 35

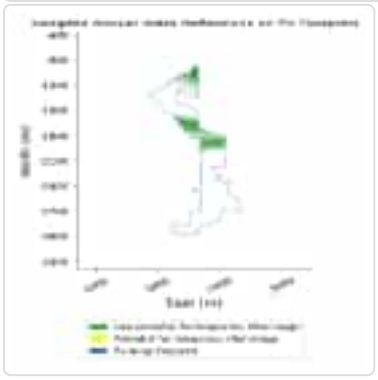
PV array is expected to produce the following glare for this receptor:

- 375 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





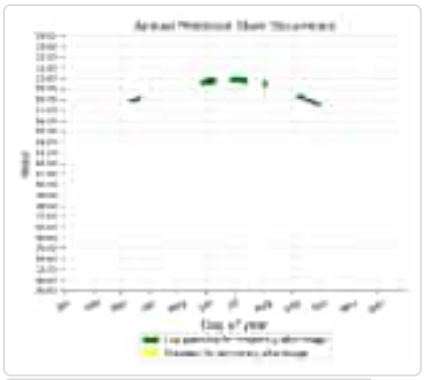


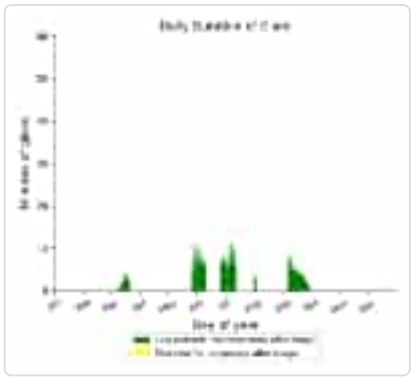


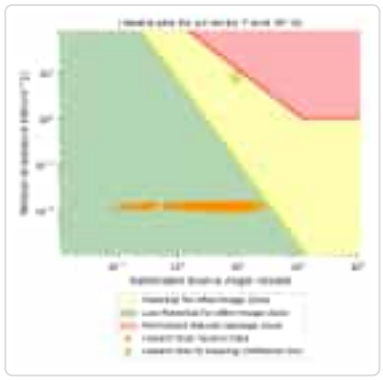
PV array 7: OP 36

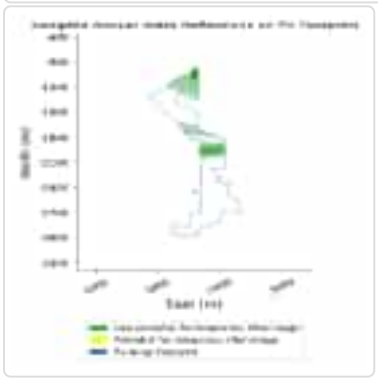
PV array is expected to produce the following glare for this receptor:

- 395 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





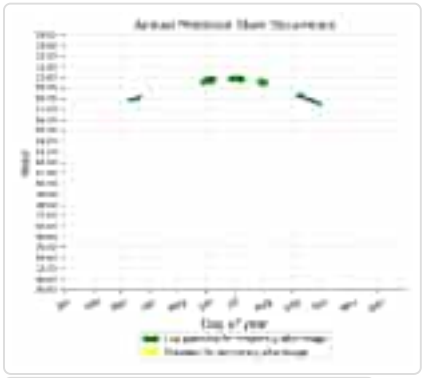


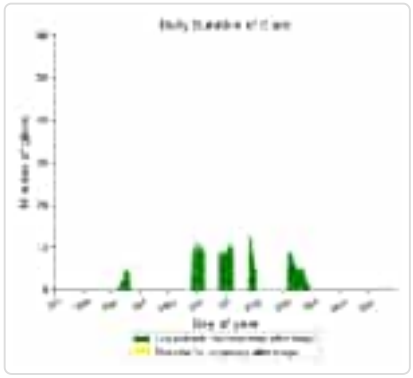


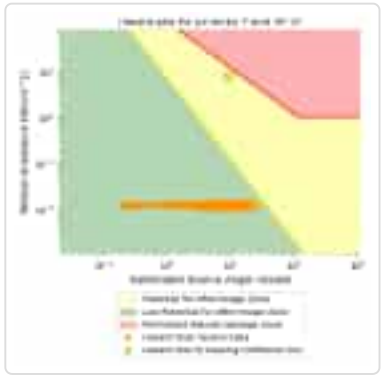
PV array 7: OP 37

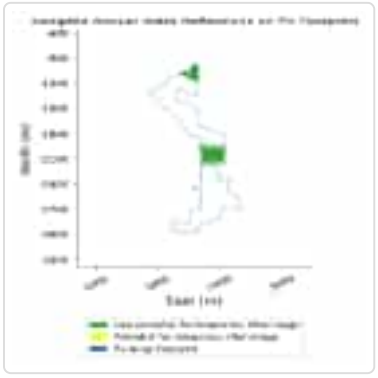
PV array is expected to produce the following glare for this receptor:

- 530 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





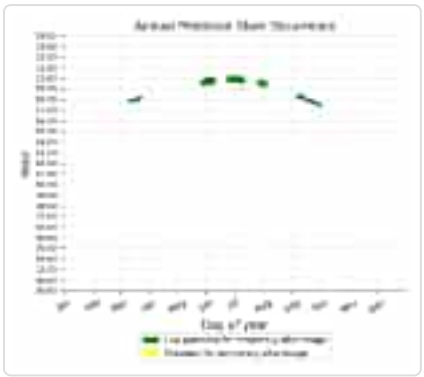


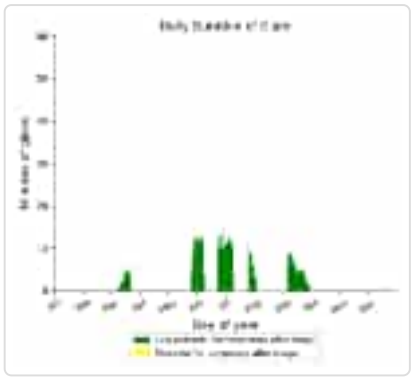


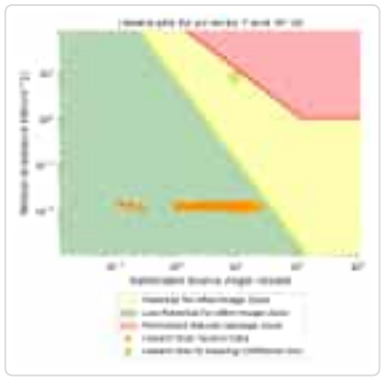
PV array 7: OP 38

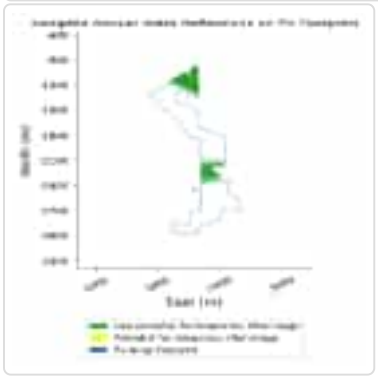
PV array is expected to produce the following glare for this receptor:

- 585 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





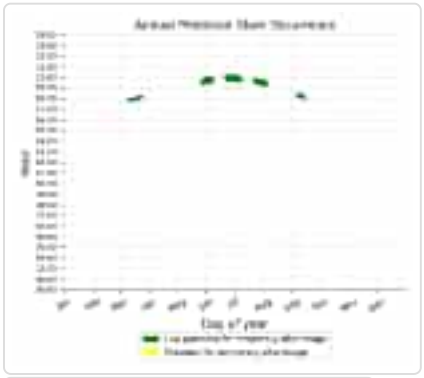


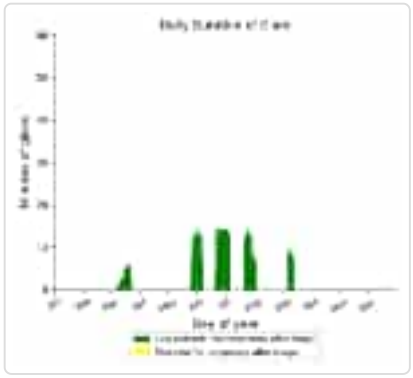


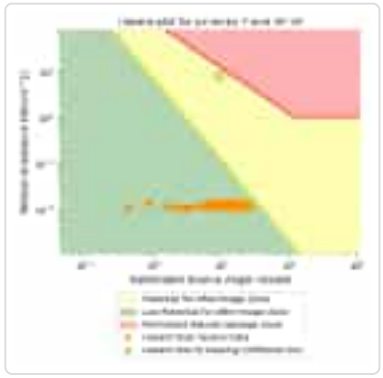
PV array 7: OP 39

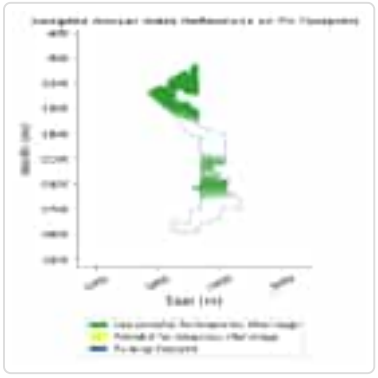
PV array is expected to produce the following glare for this receptor:

- 639 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





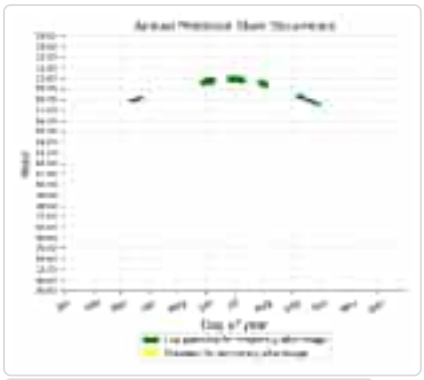


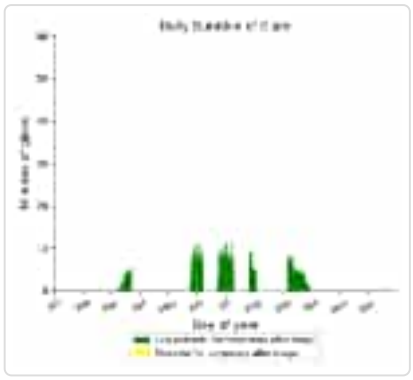


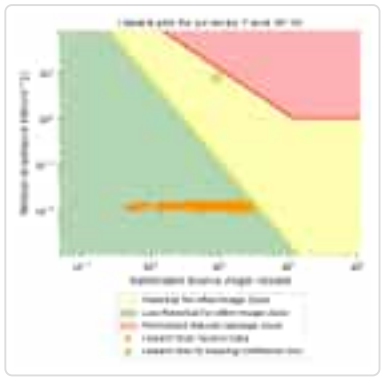
PV array 7: OP 40

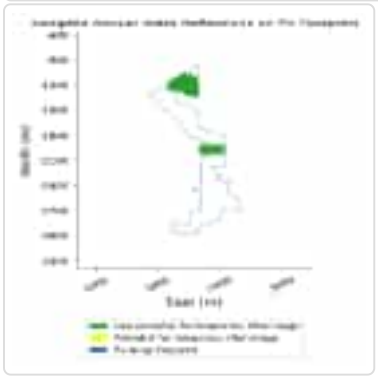
PV array is expected to produce the following glare for this receptor:

- 492 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





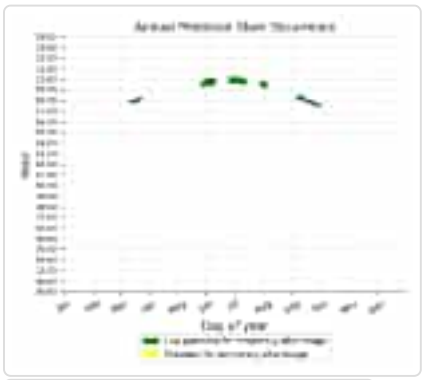


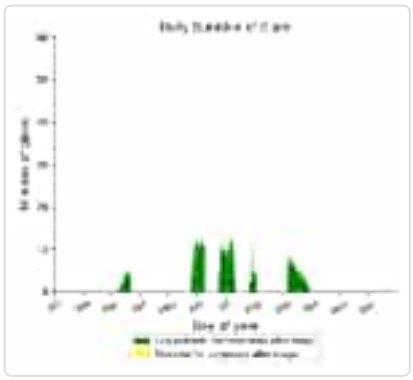


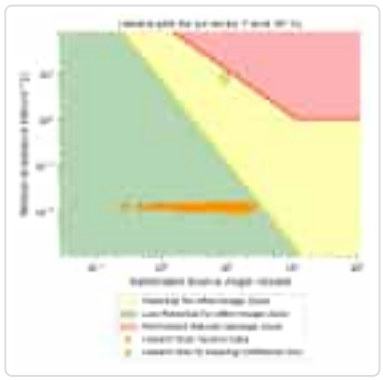
PV array 7: OP 41

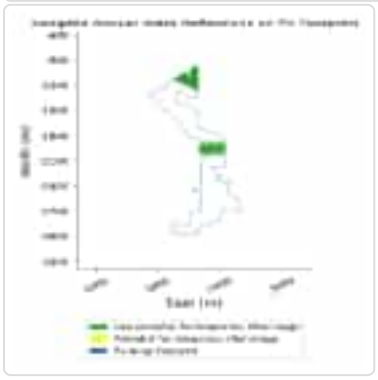
PV array is expected to produce the following glare for this receptor:

- 510 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





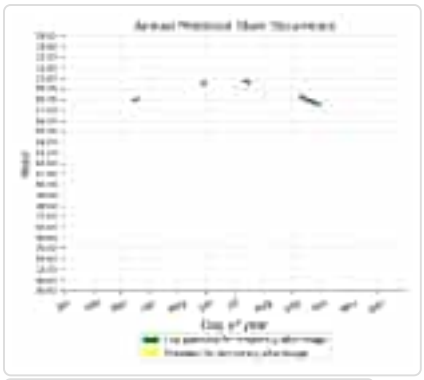


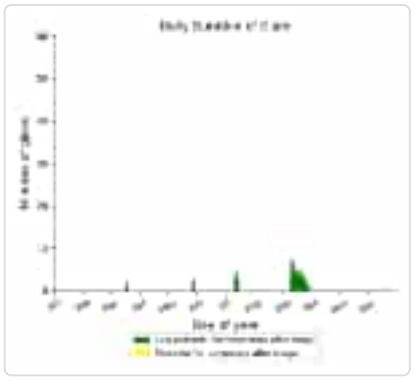


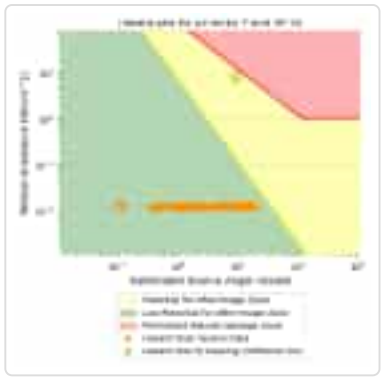
PV array 7: OP 42

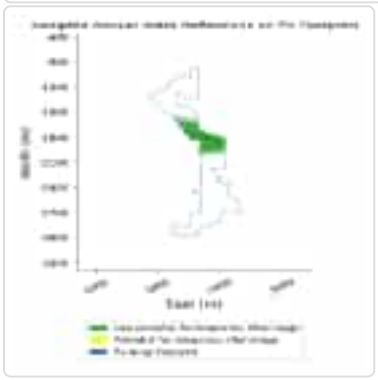
PV array is expected to produce the following glare for this receptor:

- 122 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





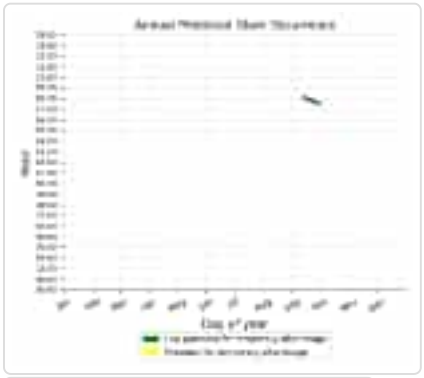


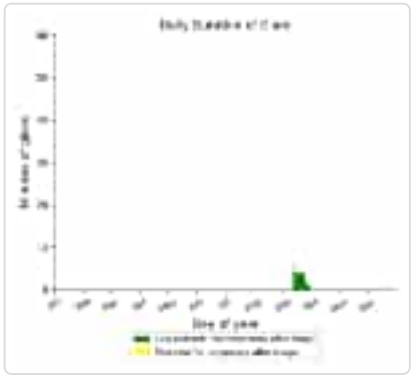


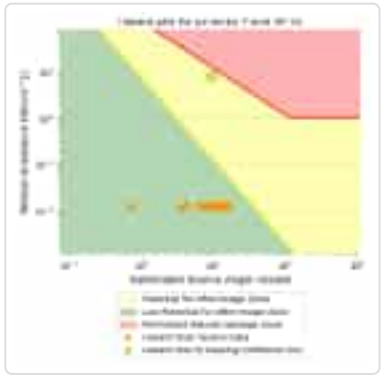
PV array 7: OP 43

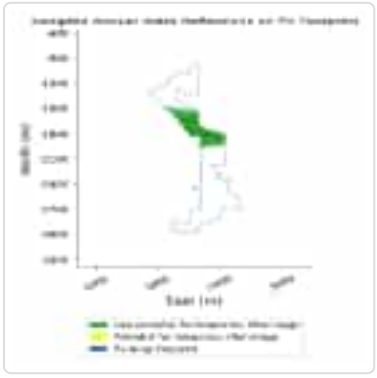
PV array is expected to produce the following glare for this receptor:

- 59 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





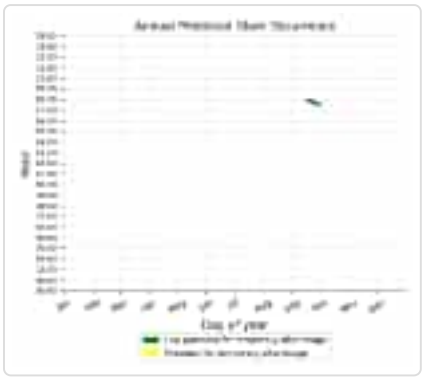


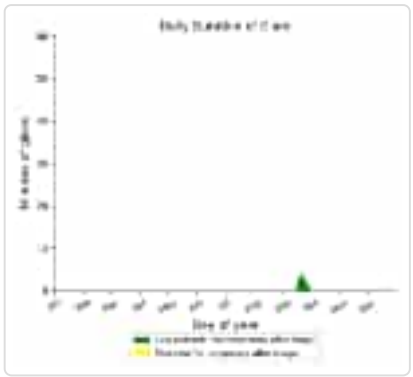


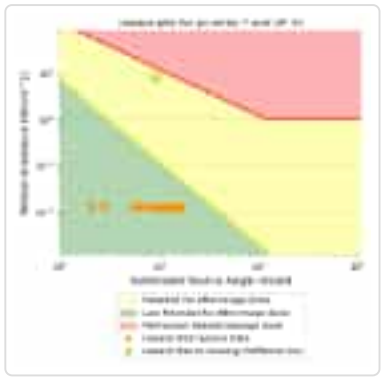
PV array 7: OP 44

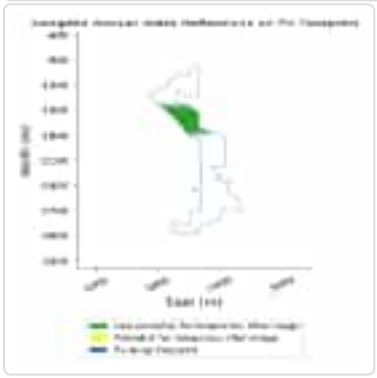
PV array is expected to produce the following glare for this receptor:

- 36 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









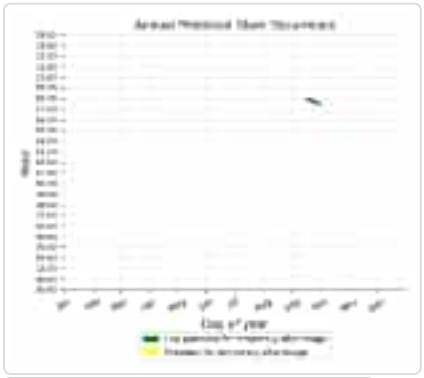
PV array 7: OP 45

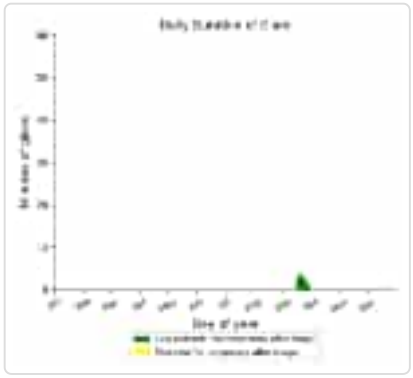
No glare found

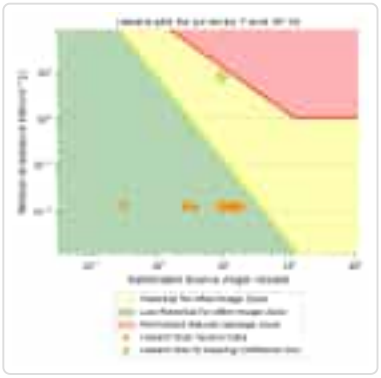
PV array 7: OP 46

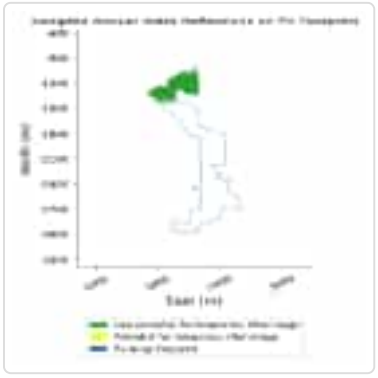
PV array is expected to produce the following glare for this receptor:

- 39 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 47

No glare found

PV array 7: OP 48

No glare found

PV array 7: OP 49

No glare found

PV array 7: OP 50

No glare found

PV array 7: OP 51

No glare found

PV array 7: OP 52

No glare found

PV array 7: OP 53

No glare found

PV array 7: OP 54

No glare found

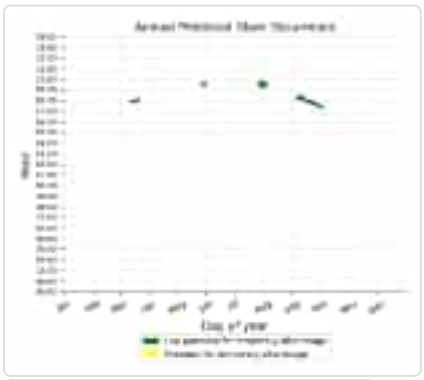
PV array 7: OP 55

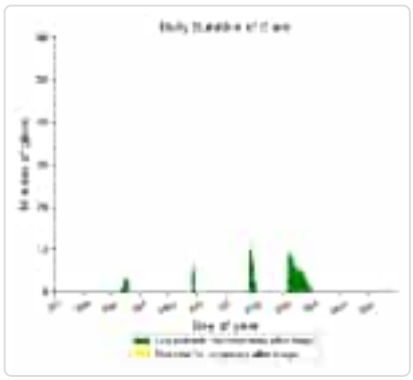
No glare found

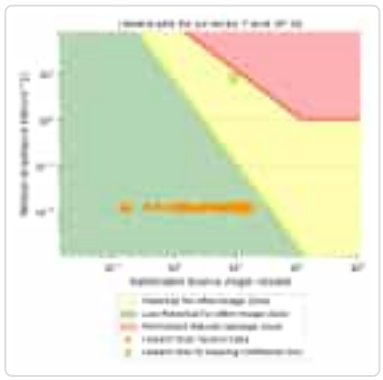
PV array 7: OP 56

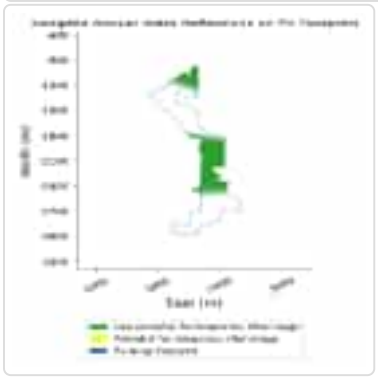
PV array is expected to produce the following glare for this receptor:

- 223 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





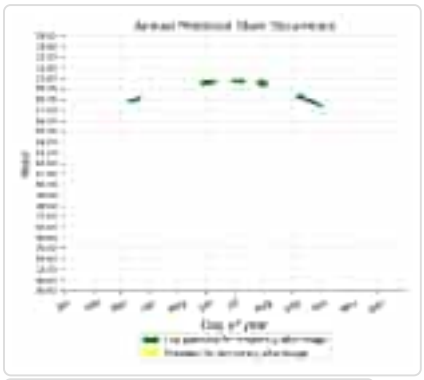


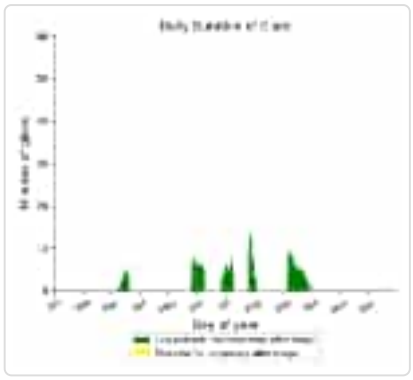


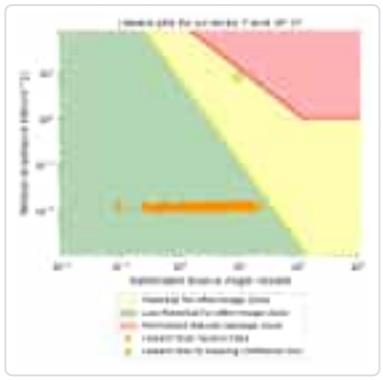
PV array 7: OP 57

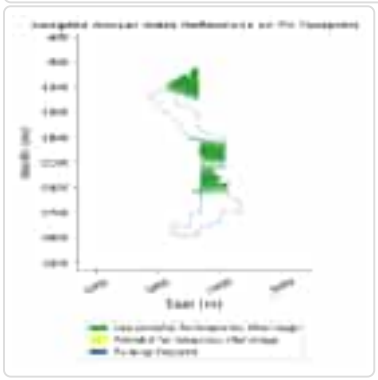
PV array is expected to produce the following glare for this receptor:

- 404 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





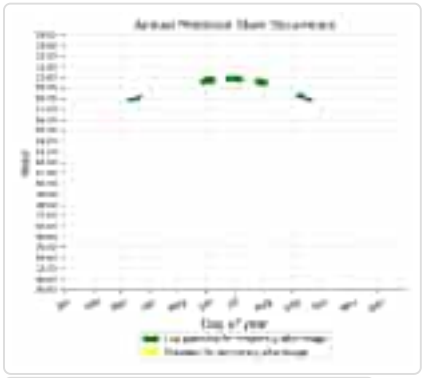


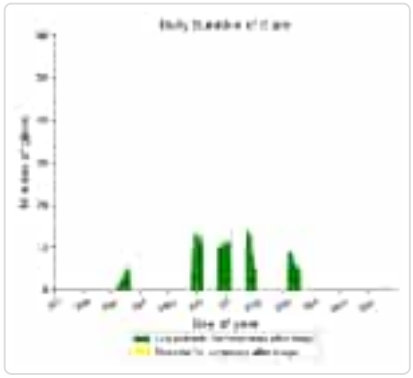


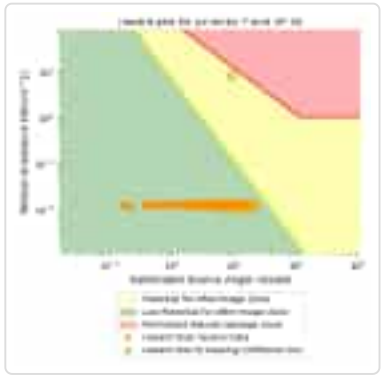
PV array 7: OP 58

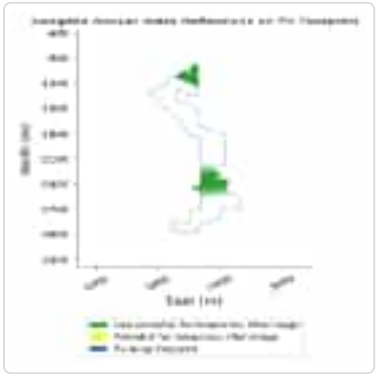
PV array is expected to produce the following glare for this receptor:

- 590 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





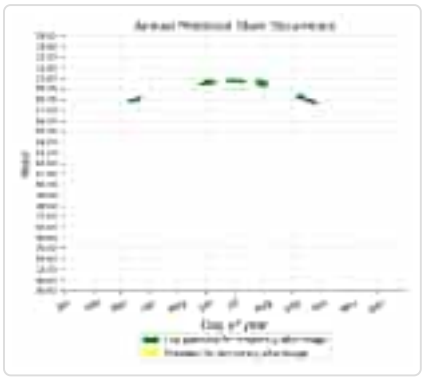


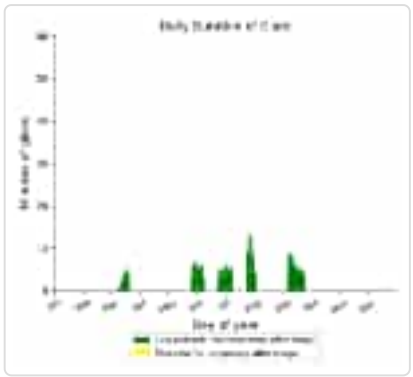


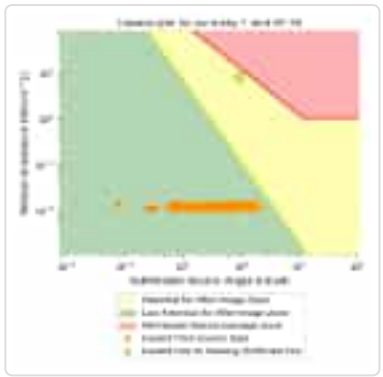
PV array 7: OP 59

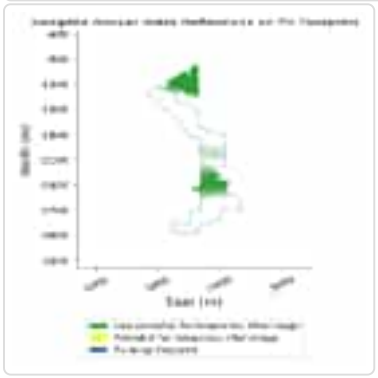
PV array is expected to produce the following glare for this receptor:

- 418 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





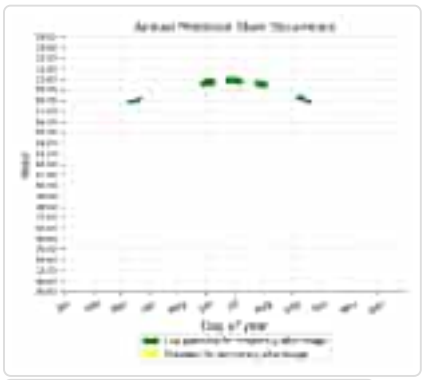


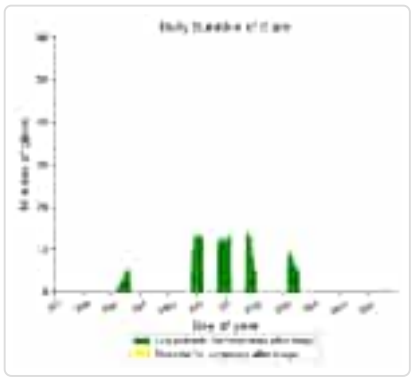


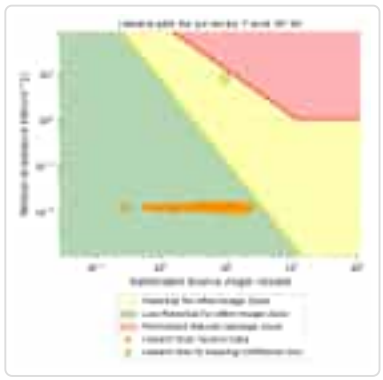
PV array 7: OP 60

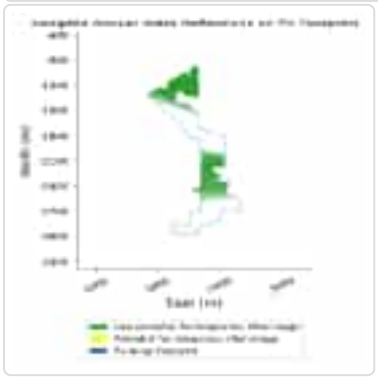
PV array is expected to produce the following glare for this receptor:

- 613 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





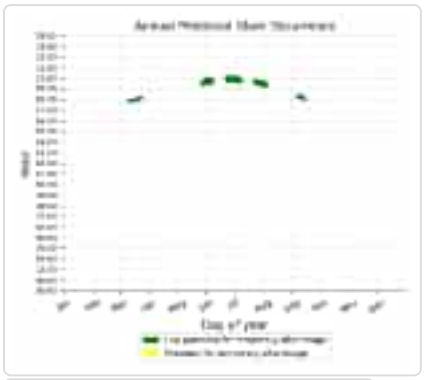


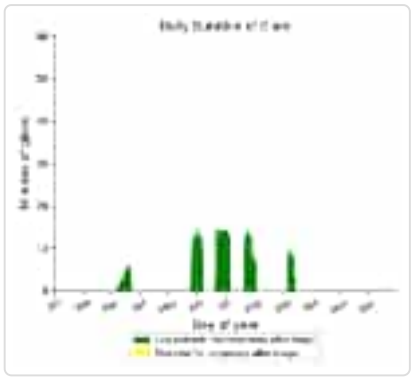


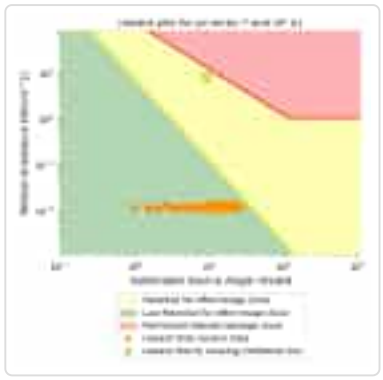
PV array 7: OP 61

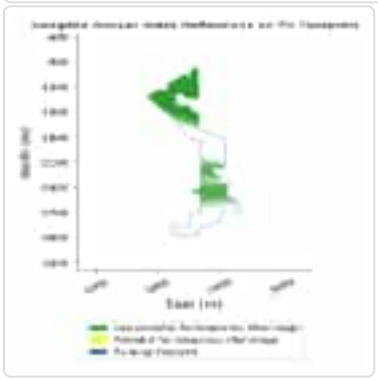
PV array is expected to produce the following glare for this receptor:

- 641 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





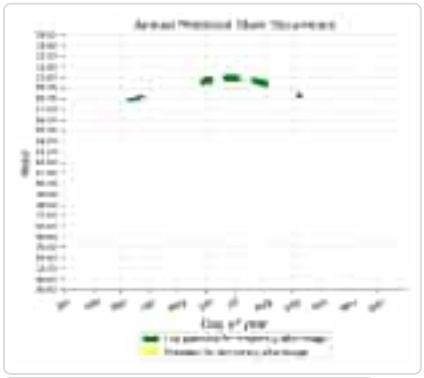


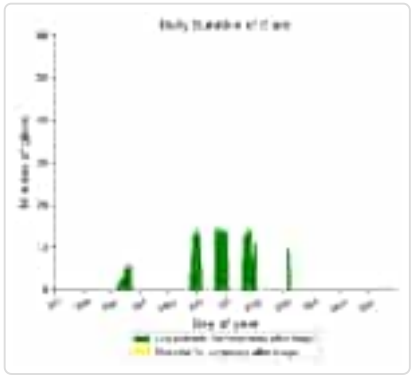


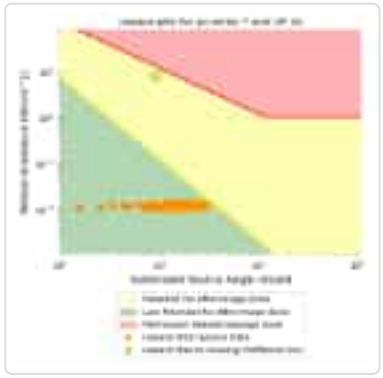
PV array 7: OP 62

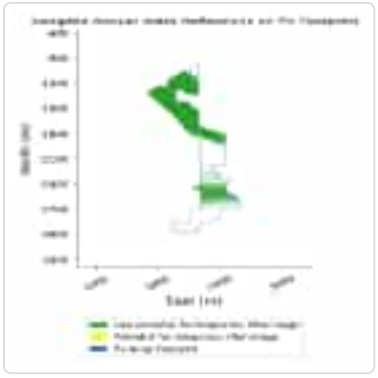
PV array is expected to produce the following glare for this receptor:

- 632 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





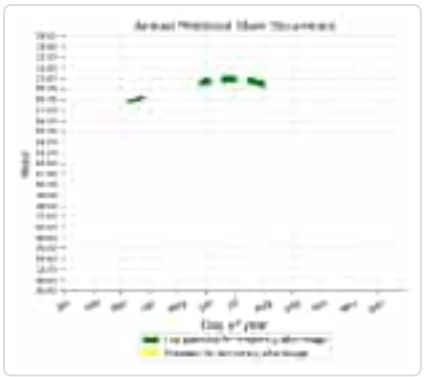


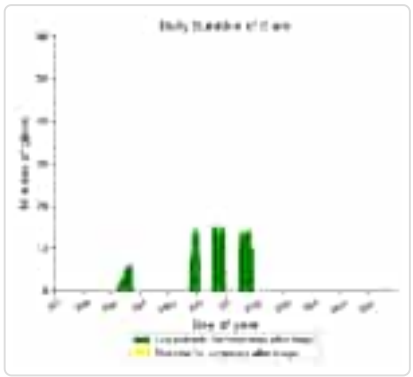


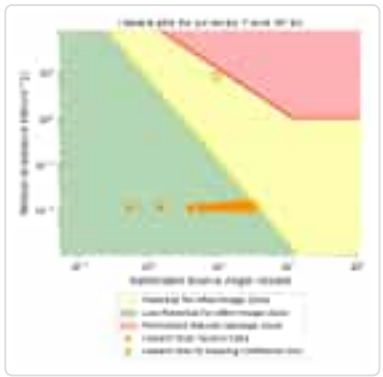
PV array 7: OP 63

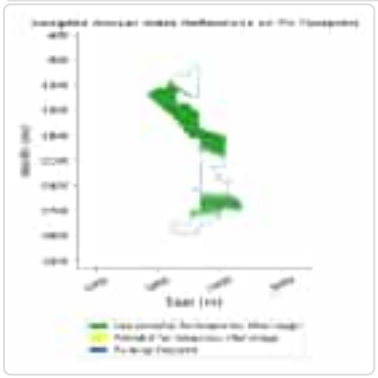
PV array is expected to produce the following glare for this receptor:

- 627 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





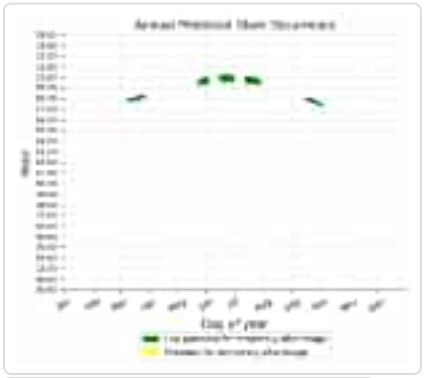


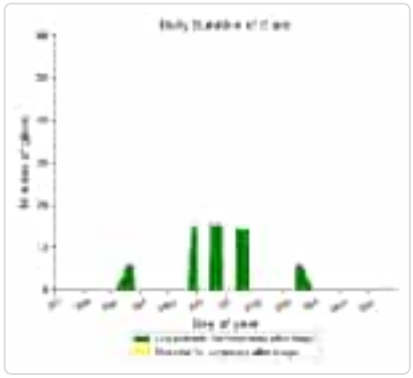


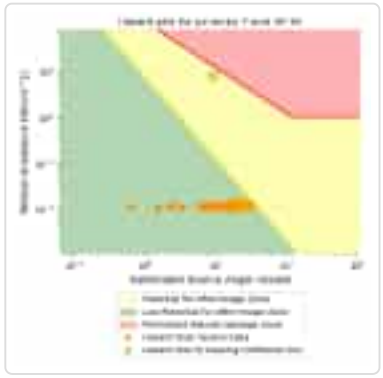
PV array 7: OP 64

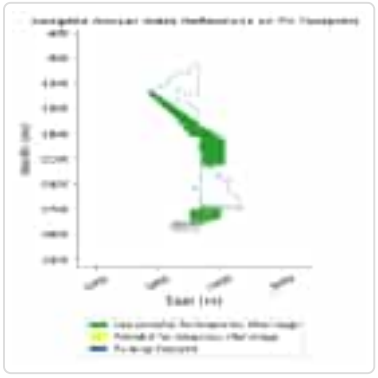
PV array is expected to produce the following glare for this receptor:

- 699 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





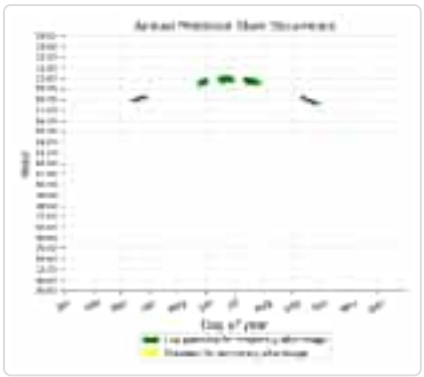


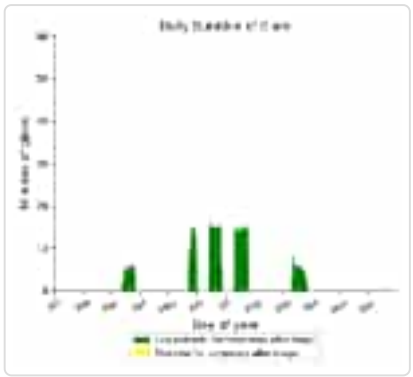


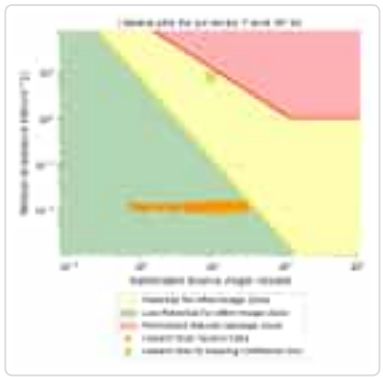
PV array 7: OP 65

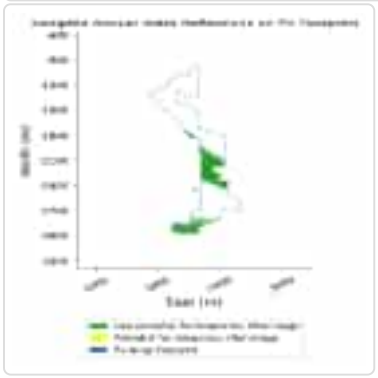
PV array is expected to produce the following glare for this receptor:

- 701 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





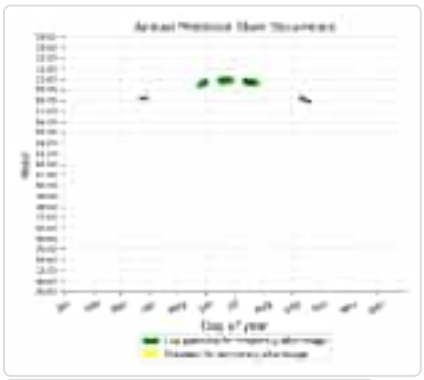


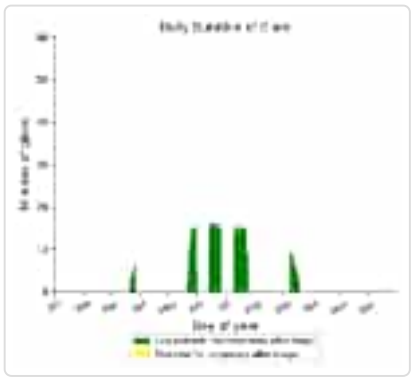


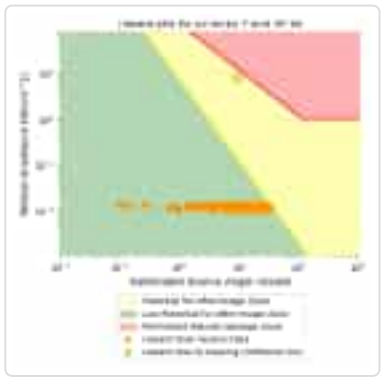
PV array 7: OP 66

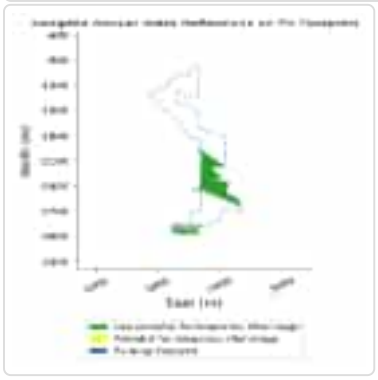
PV array is expected to produce the following glare for this receptor:

- 652 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





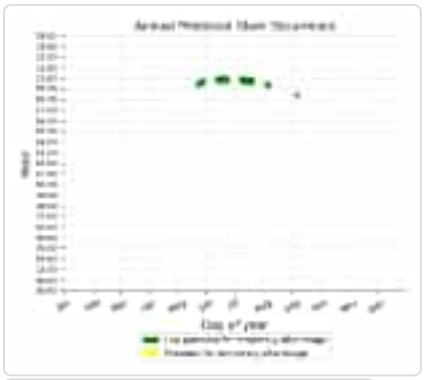


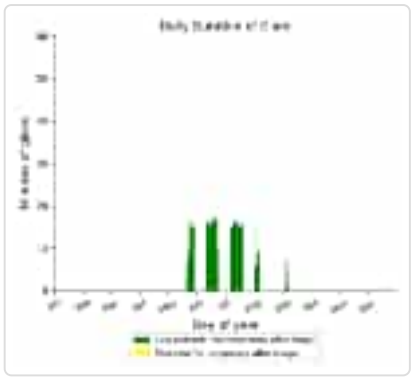


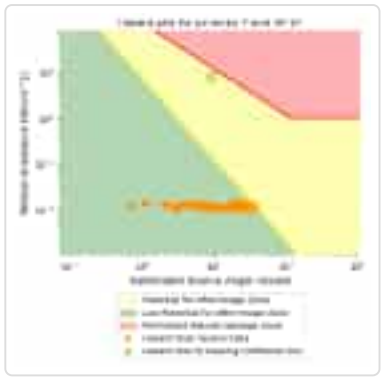
PV array 7: OP 67

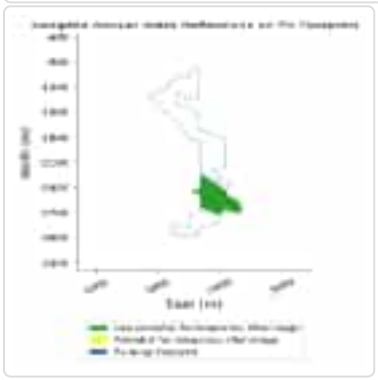
PV array is expected to produce the following glare for this receptor:

- 594 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





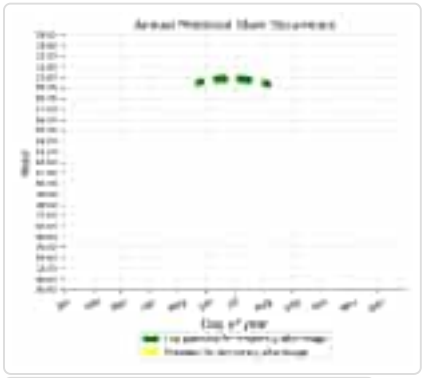


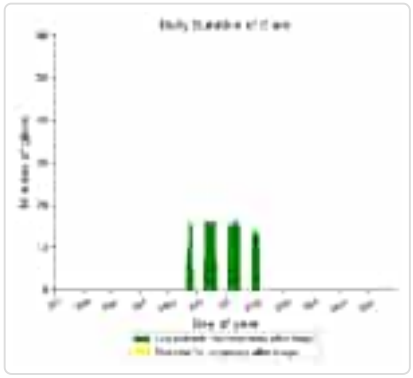


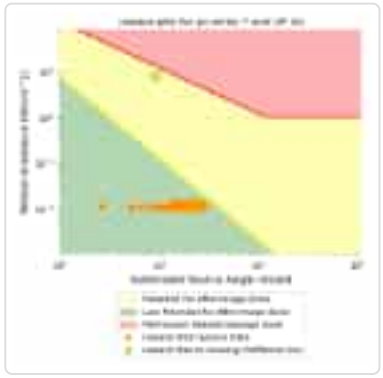
PV array 7: OP 68

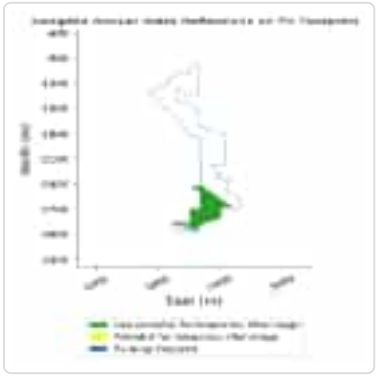
PV array is expected to produce the following glare for this receptor:

- 608 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





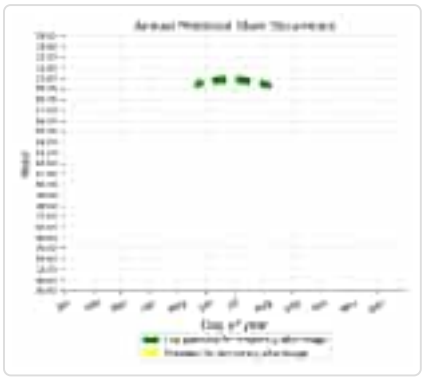


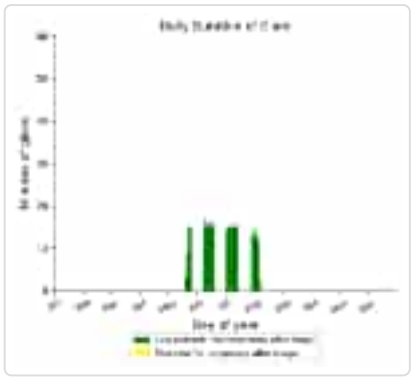


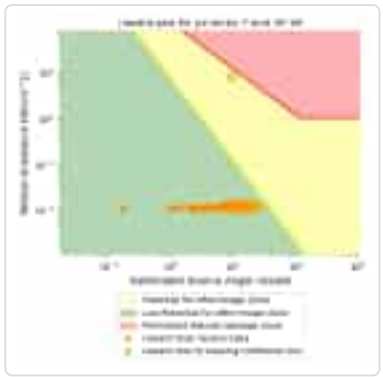
PV array 7: OP 69

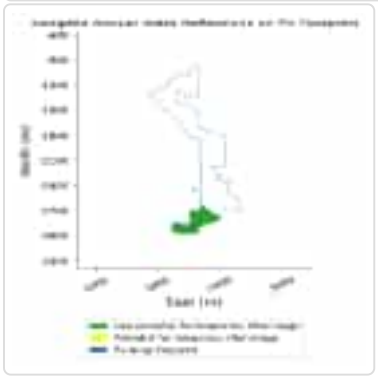
PV array is expected to produce the following glare for this receptor:

- 610 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





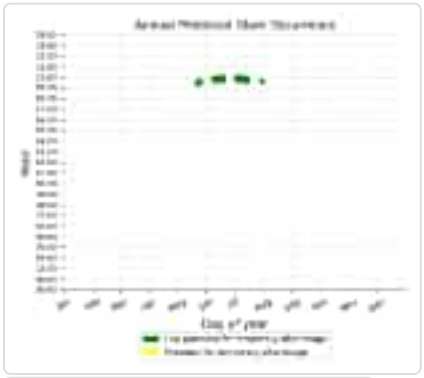


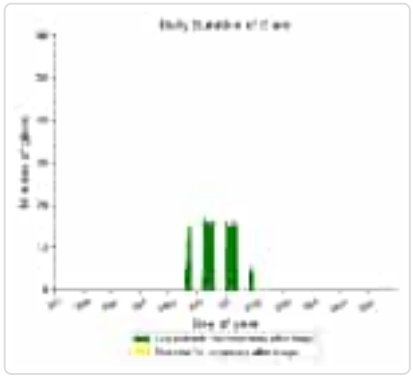


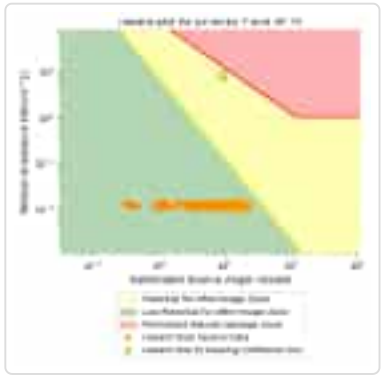
PV array 7: OP 70

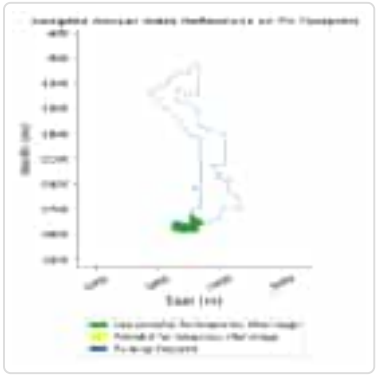
PV array is expected to produce the following glare for this receptor:

- 496 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





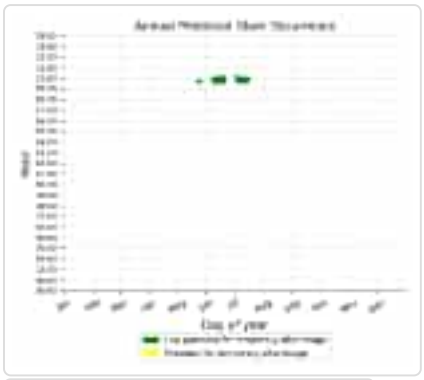


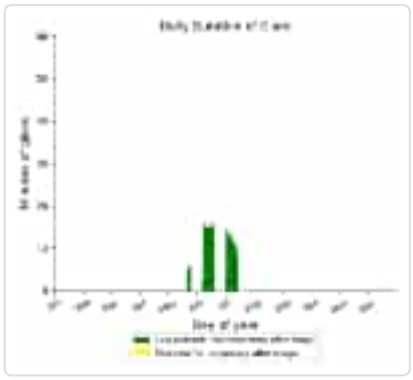


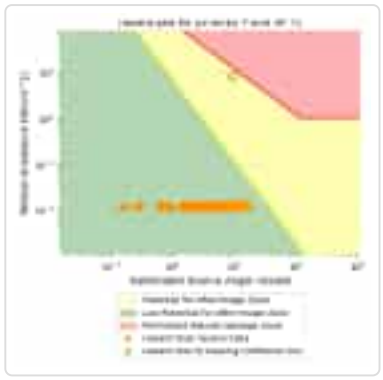
PV array 7: OP 71

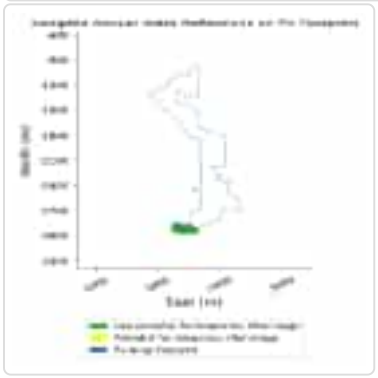
PV array is expected to produce the following glare for this receptor:

- 378 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





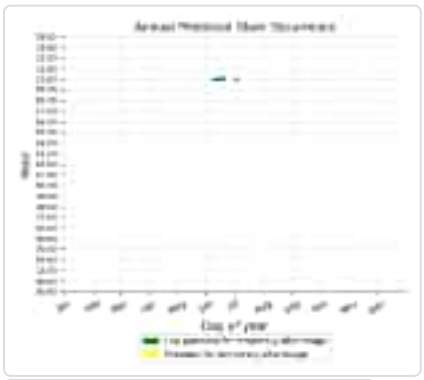


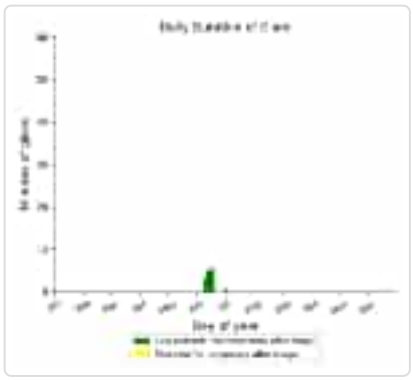


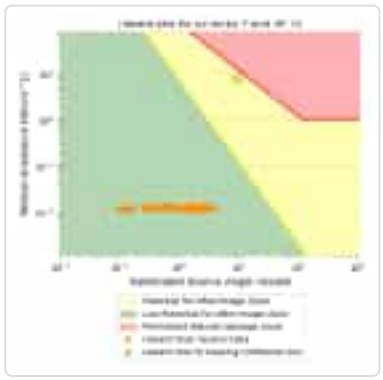
PV array 7: OP 72

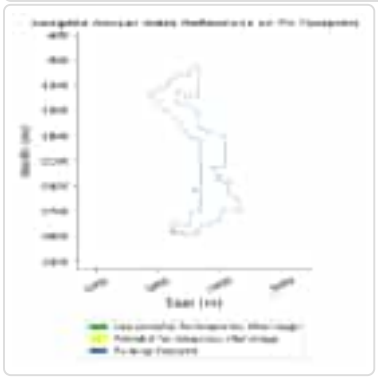
PV array is expected to produce the following glare for this receptor:

- 55 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 73

No glare found

PV array 8 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0

OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	100	0
OP: OP 38	53	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	47	0
OP: OP 43	61	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	27	0
OP: OP 62	56	0
OP: OP 63	54	0
OP: OP 64	137	0
OP: OP 65	39	0
OP: OP 66	280	0
OP: OP 67	276	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0

PV array 8: OP 1

No glare found

PV array 8: OP 2

No glare found

PV array 8: OP 3

No glare found

PV array 8: OP 4

No glare found

PV array 8: OP 5

No glare found

PV array 8: OP 6

No glare found

PV array 8: OP 7

No glare found

PV array 8: OP 8

No glare found

PV array 8: OP 9

No glare found

PV array 8: OP 10

No glare found

PV array 8: OP 11

No glare found

PV array 8: OP 12

No glare found

PV array 8: OP 13

No glare found

PV array 8: OP 14

No glare found

PV array 8: OP 15

No glare found

PV array 8: OP 16

No glare found

PV array 8: OP 17

No glare found

PV array 8: OP 18

No glare found

PV array 8: OP 19

No glare found

PV array 8: OP 20

No glare found

PV array 8: OP 21

No glare found

PV array 8: OP 22

No glare found

PV array 8: OP 23

No glare found

PV array 8: OP 24

No glare found

PV array 8: OP 25

No glare found

PV array 8: OP 26

No glare found

PV array 8: OP 27

No glare found

PV array 8: OP 28

No glare found

PV array 8: OP 29

No glare found

PV array 8: OP 30

No glare found

PV array 8: OP 31

No glare found

PV array 8: OP 32

No glare found

PV array 8: OP 33

No glare found

PV array 8: OP 34

No glare found

PV array 8: OP 35

No glare found

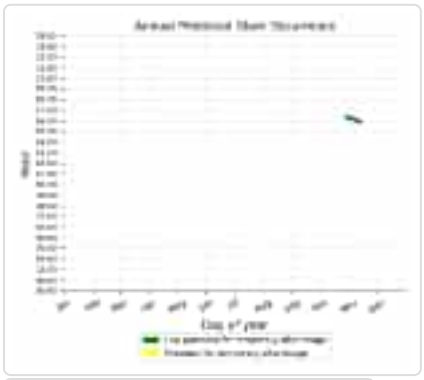
PV array 8: OP 36

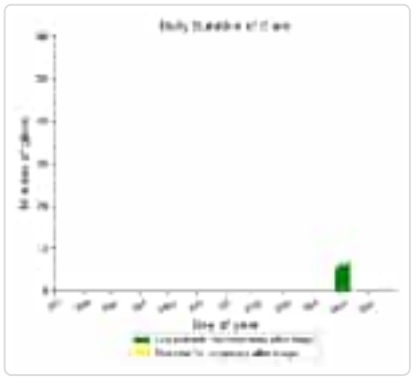
No glare found

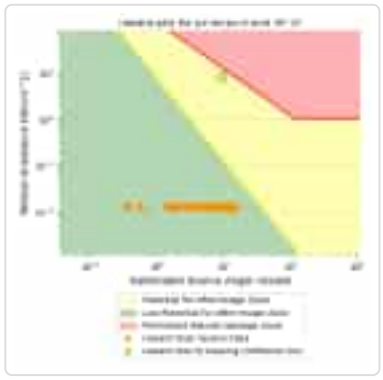
PV array 8: OP 37

PV array is expected to produce the following glare for this receptor:

- 100 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



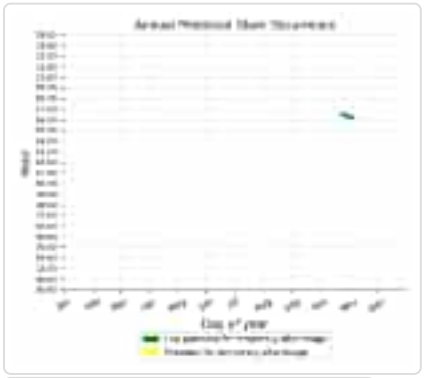


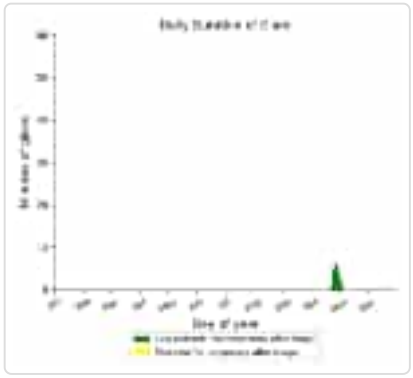


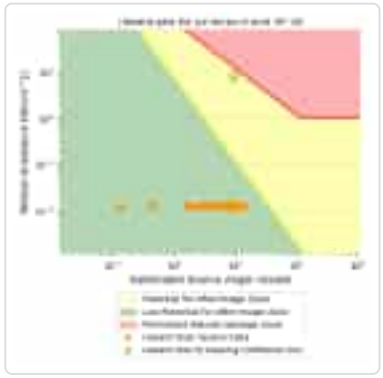
PV array 8: OP 38

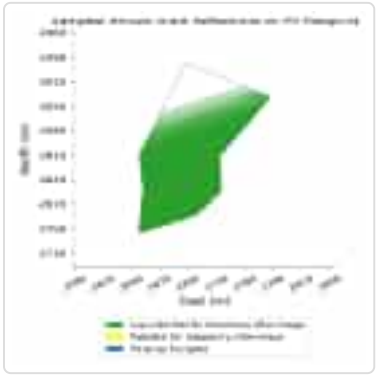
PV array is expected to produce the following glare for this receptor:

- 53 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 8: OP 39

No glare found

PV array 8: OP 40

No glare found

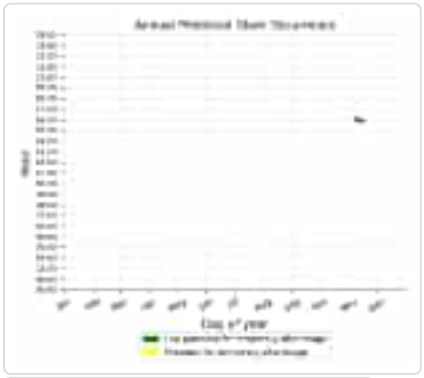
PV array 8: OP 41

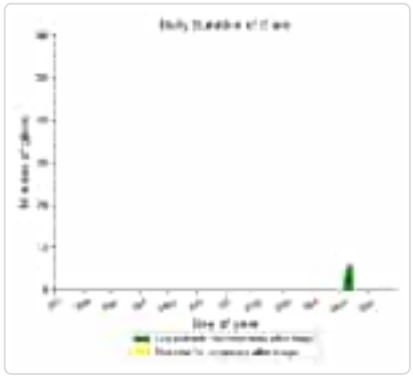
No glare found

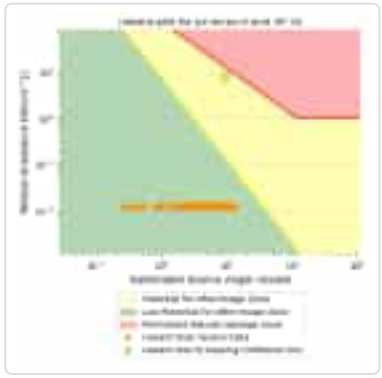
PV array 8: OP 42

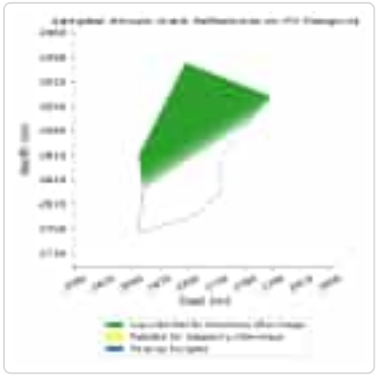
PV array is expected to produce the following glare for this receptor:

- 47 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





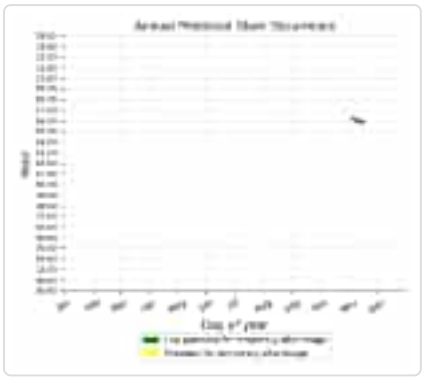


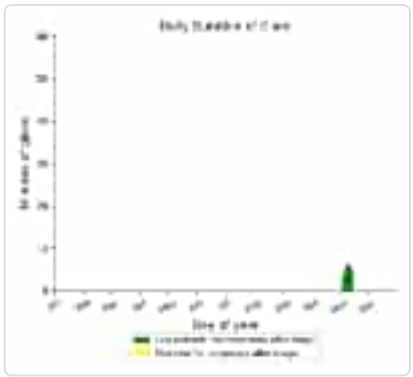


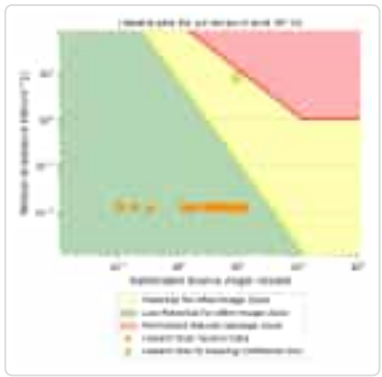
PV array 8: OP 43

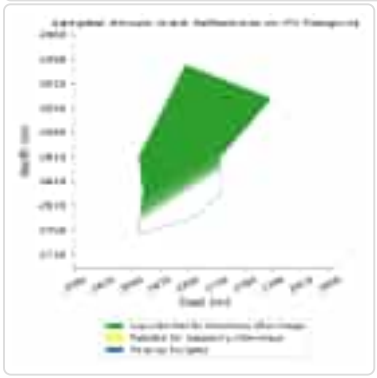
PV array is expected to produce the following glare for this receptor:

- 61 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 8: OP 44

No glare found

PV array 8: OP 45

No glare found

PV array 8: OP 46

No glare found

PV array 8: OP 47

No glare found

PV array 8: OP 48

No glare found

PV array 8: OP 49

No glare found

PV array 8: OP 50

No glare found

PV array 8: OP 51

No glare found

PV array 8: OP 52

No glare found

PV array 8: OP 53

No glare found

PV array 8: OP 54

No glare found

PV array 8: OP 55

No glare found

PV array 8: OP 56

No glare found

PV array 8: OP 57

No glare found

PV array 8: OP 58

No glare found

PV array 8: OP 59

No glare found

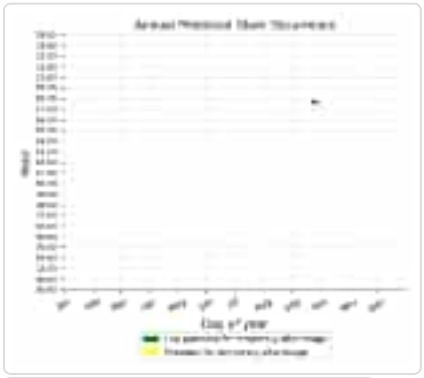
PV array 8: OP 60

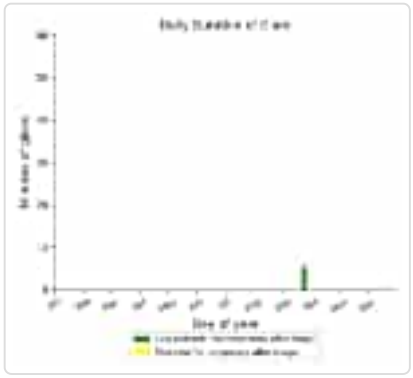
No glare found

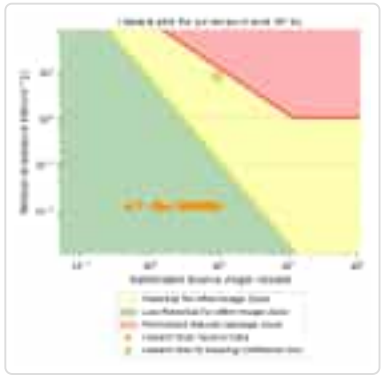
PV array 8: OP 61

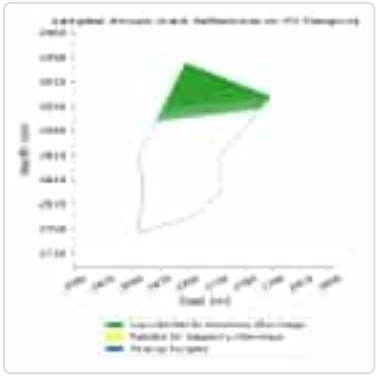
PV array is expected to produce the following glare for this receptor:

- 27 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





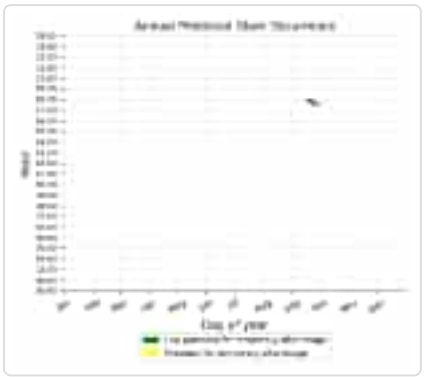


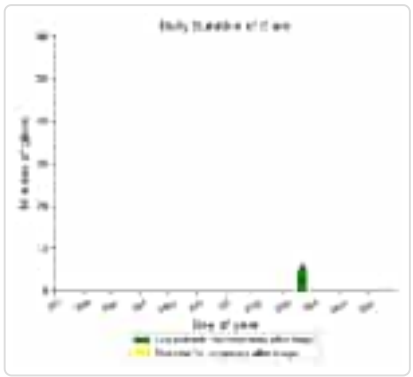


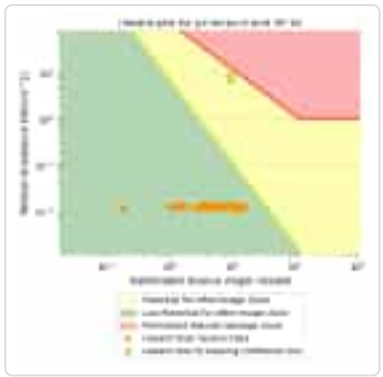
PV array 8: OP 62

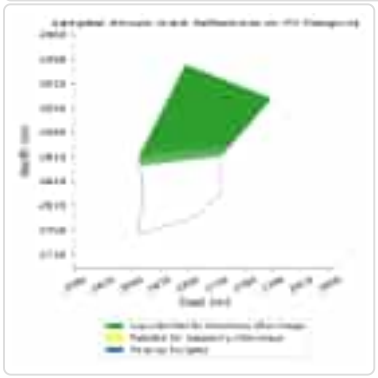
PV array is expected to produce the following glare for this receptor:

- 56 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





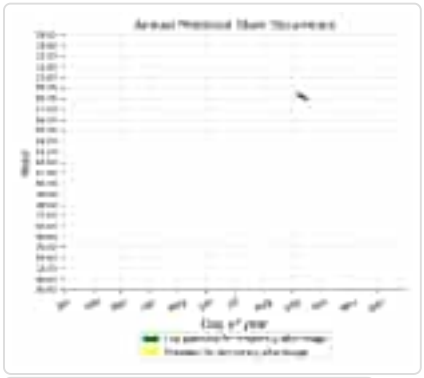


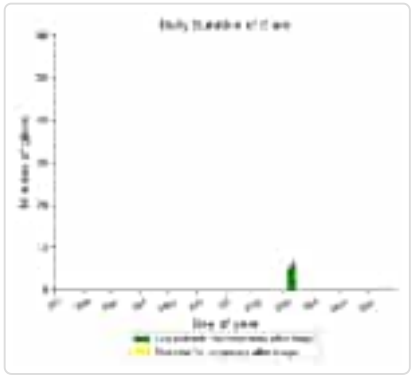


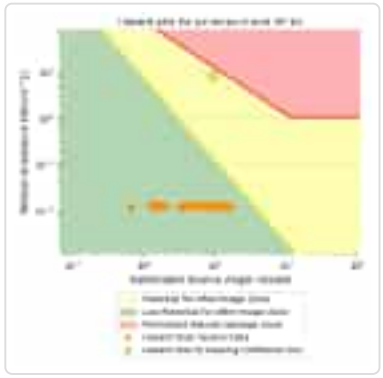
PV array 8: OP 63

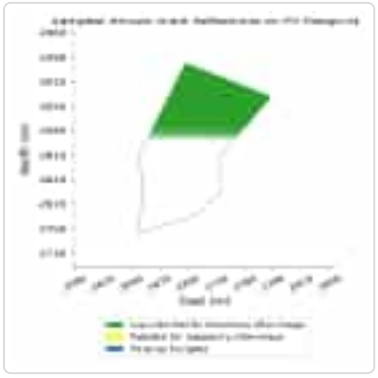
PV array is expected to produce the following glare for this receptor:

- 54 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





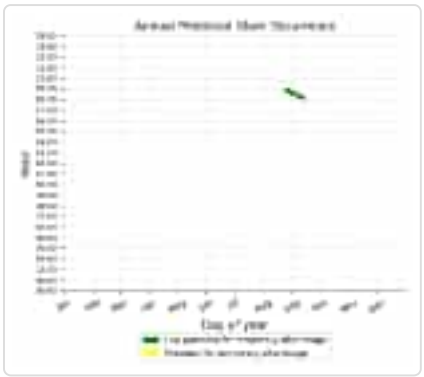


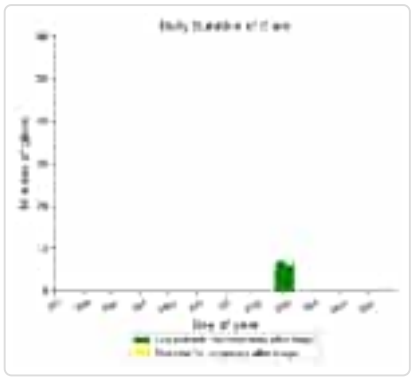


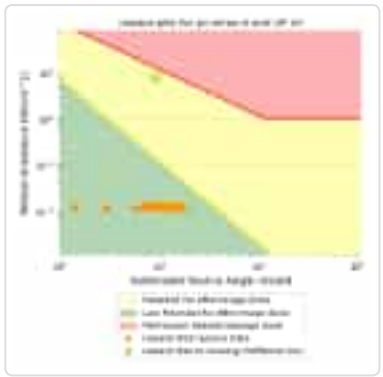
PV array 8: OP 64

PV array is expected to produce the following glare for this receptor:

- 137 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



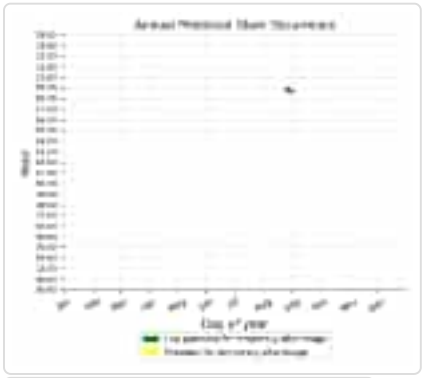


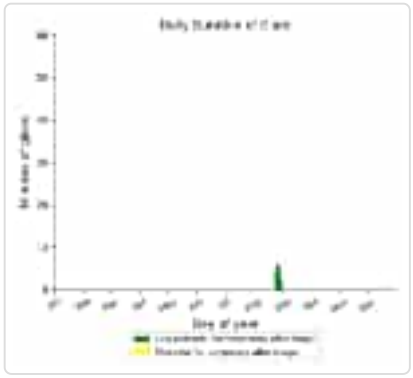


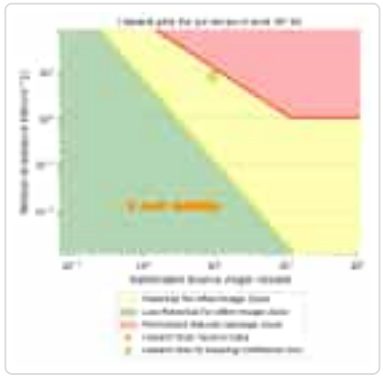
PV array 8: OP 65

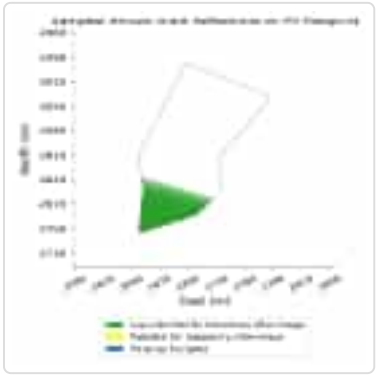
PV array is expected to produce the following glare for this receptor:

- 39 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





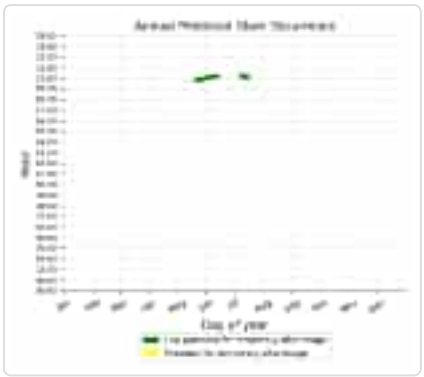


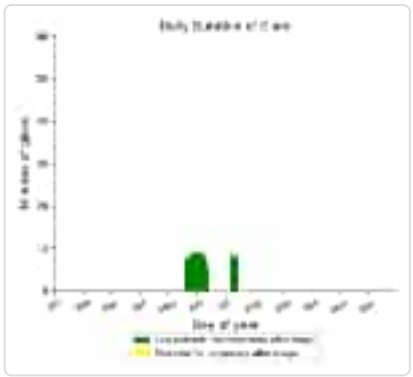


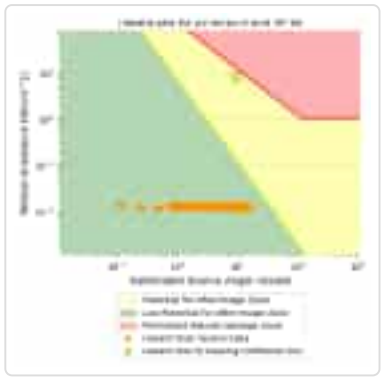
PV array 8: OP 66

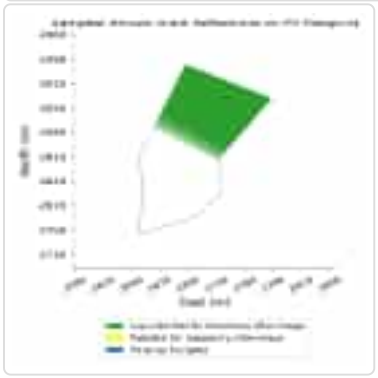
PV array is expected to produce the following glare for this receptor:

- 280 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





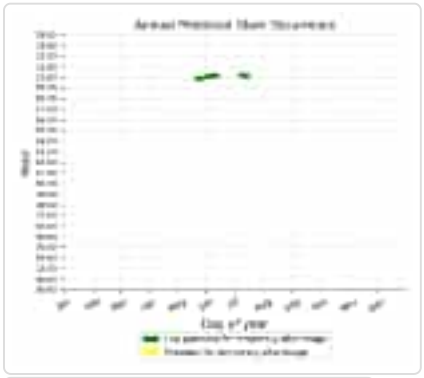


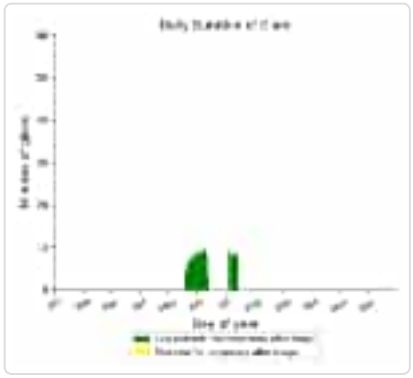


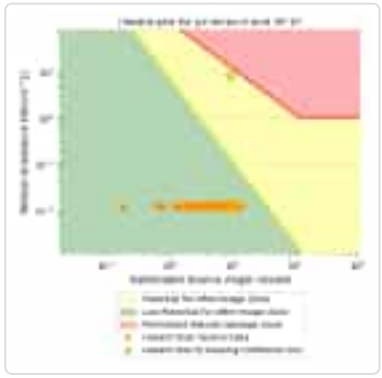
PV array 8: OP 67

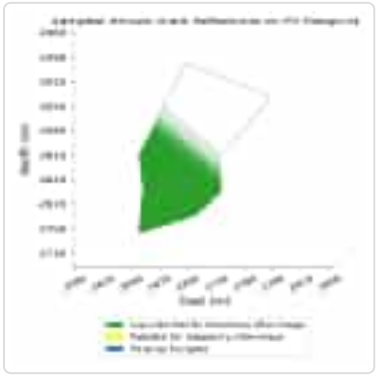
PV array is expected to produce the following glare for this receptor:

- 276 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 8: OP 68

No glare found

PV array 8: OP 69

No glare found

PV array 8: OP 70

No glare found

PV array 8: OP 71

No glare found

PV array 8: OP 72

No glare found

PV array 8: OP 73

No glare found

PV array 9 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0

OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	68	0
OP: OP 17	57	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	47	0
OP: OP 38	54	0
OP: OP 39	26	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	20	0
OP: OP 43	24	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	316	0
OP: OP 48	315	0
OP: OP 49	128	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	94	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0

OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	25	0
OP: OP 65	71	0
OP: OP 66	112	0
OP: OP 67	86	0
OP: OP 68	62	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	76	0
OP: OP 72	374	0
OP: OP 73	357	0

PV array 9: OP 1

No glare found

PV array 9: OP 2

No glare found

PV array 9: OP 3

No glare found

PV array 9: OP 4

No glare found

PV array 9: OP 5

No glare found

PV array 9: OP 6

No glare found

PV array 9: OP 7

No glare found

PV array 9: OP 8

No glare found

PV array 9: OP 9

No glare found

PV array 9: OP 10

No glare found

PV array 9: OP 11

No glare found

PV array 9: OP 12

No glare found

PV array 9: OP 13

No glare found

PV array 9: OP 14

No glare found

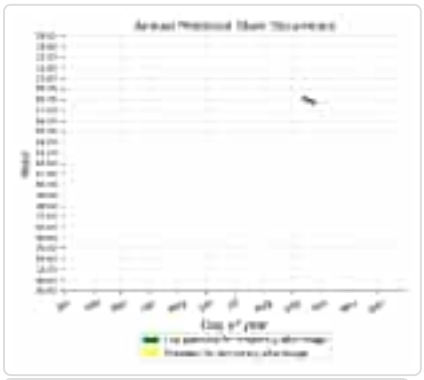
PV array 9: OP 15

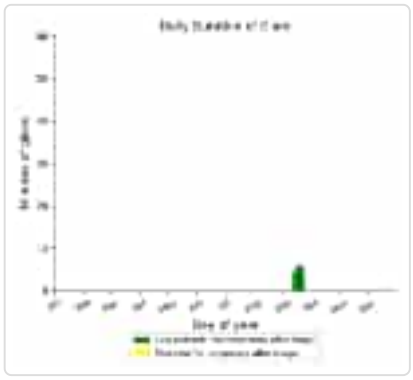
No glare found

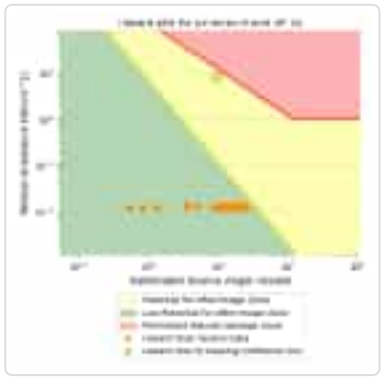
PV array 9: OP 16

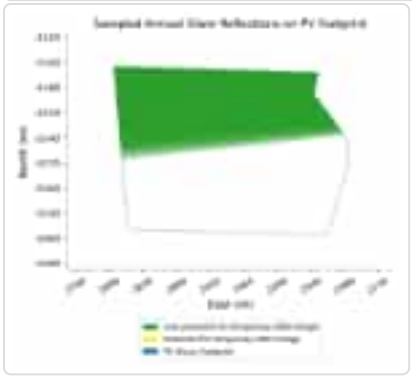
PV array is expected to produce the following glare for this receptor:

- 68 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





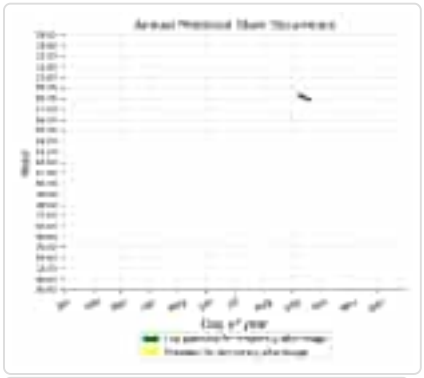


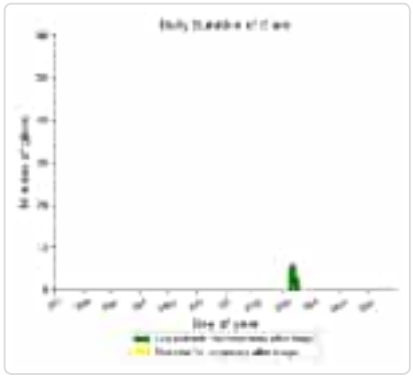


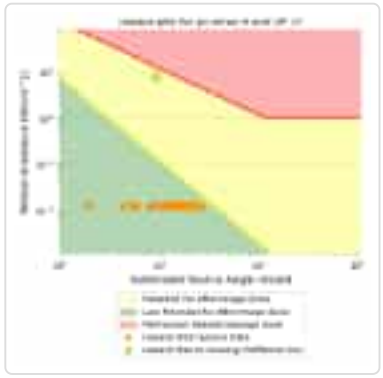
PV array 9: OP 17

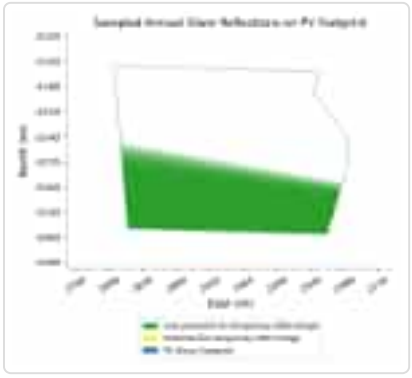
PV array is expected to produce the following glare for this receptor:

- 57 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 18

No glare found

PV array 9: OP 19

No glare found

PV array 9: OP 20

No glare found

PV array 9: OP 21

No glare found

PV array 9: OP 22

No glare found

PV array 9: OP 23

No glare found

PV array 9: OP 24

No glare found

PV array 9: OP 25

No glare found

PV array 9: OP 26

No glare found

PV array 9: OP 27

No glare found

PV array 9: OP 28

No glare found

PV array 9: OP 29

No glare found

PV array 9: OP 30

No glare found

PV array 9: OP 31

No glare found

PV array 9: OP 32

No glare found

PV array 9: OP 33

No glare found

PV array 9: OP 34

No glare found

PV array 9: OP 35

No glare found

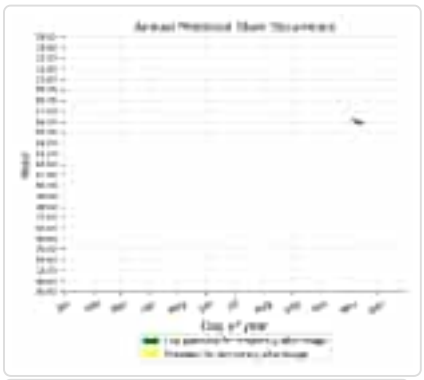
PV array 9: OP 36

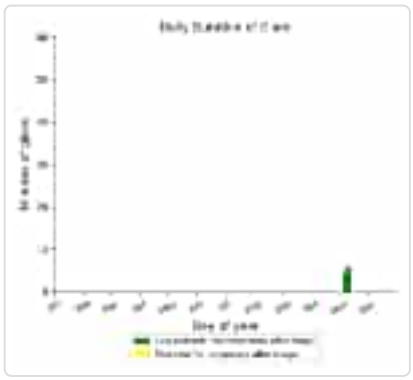
No glare found

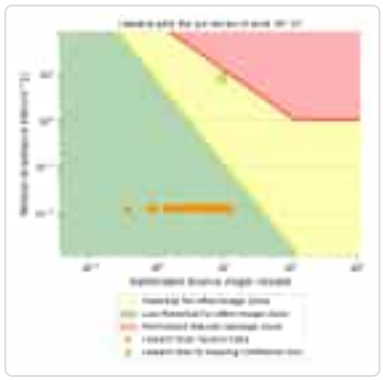
PV array 9: OP 37

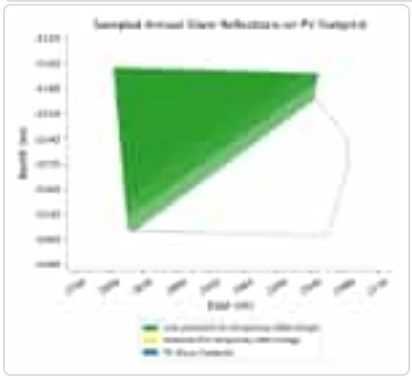
PV array is expected to produce the following glare for this receptor:

- 47 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





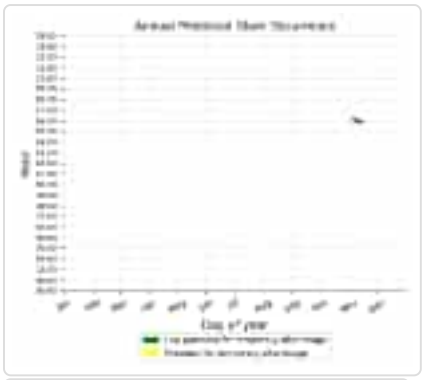


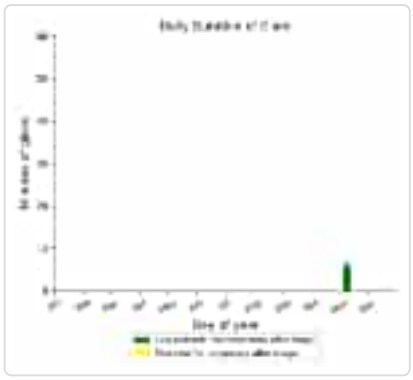


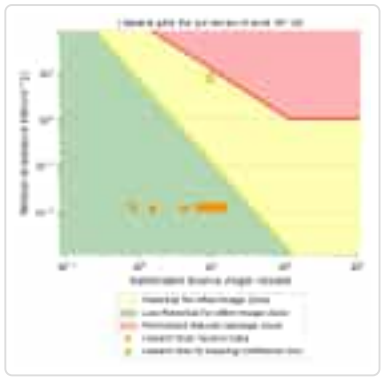
PV array 9: OP 38

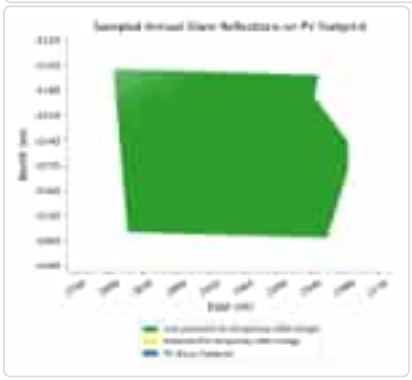
PV array is expected to produce the following glare for this receptor:

- 54 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





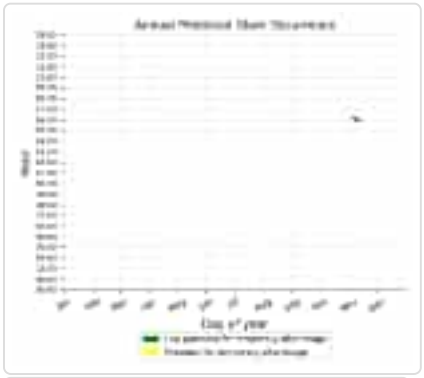


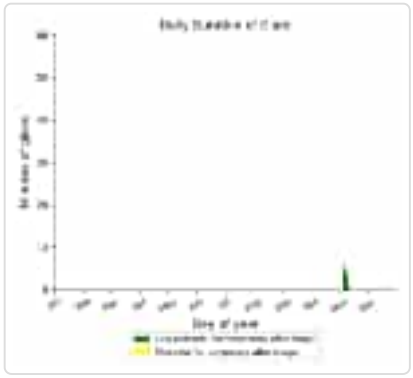


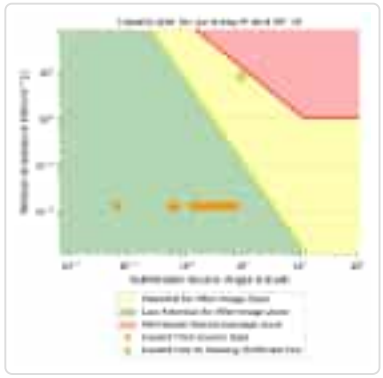
PV array 9: OP 39

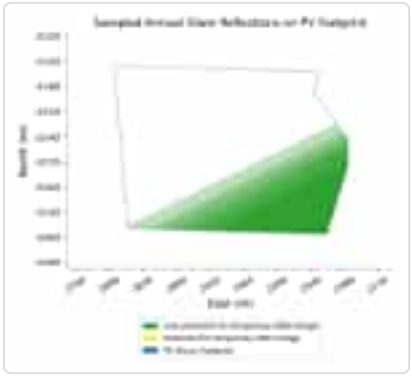
PV array is expected to produce the following glare for this receptor:

- 26 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 40

No glare found

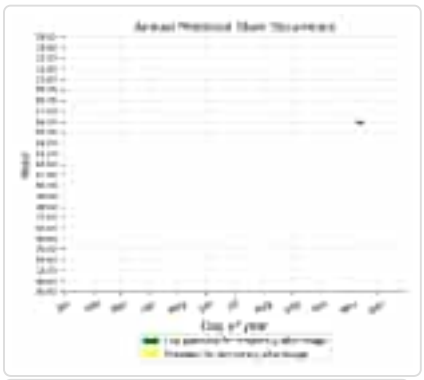
PV array 9: OP 41

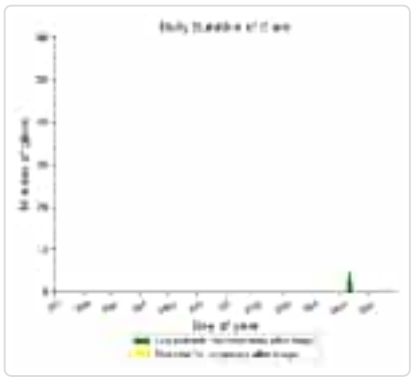
No glare found

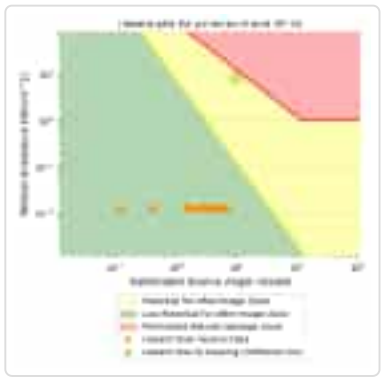
PV array 9: OP 42

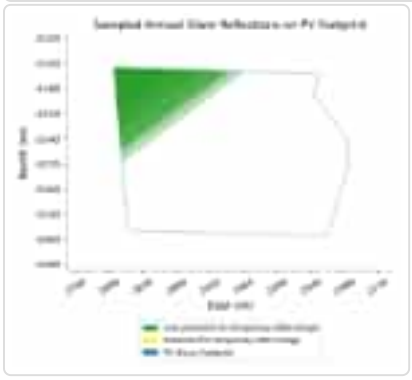
PV array is expected to produce the following glare for this receptor:

- 20 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





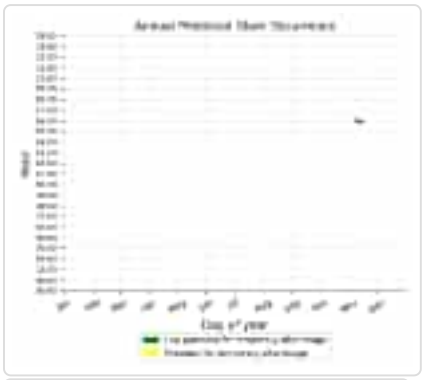


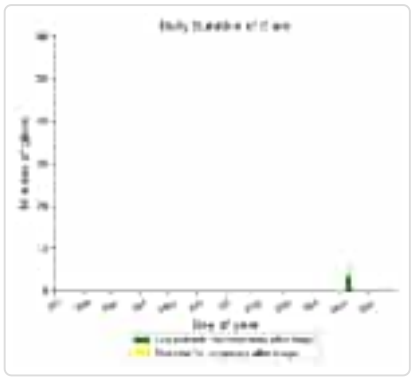


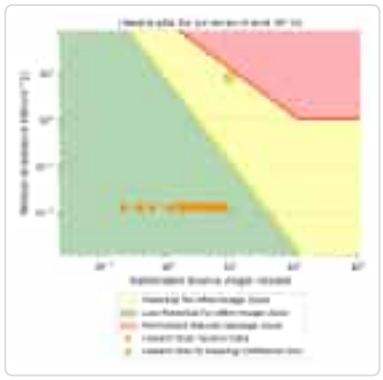
PV array 9: OP 43

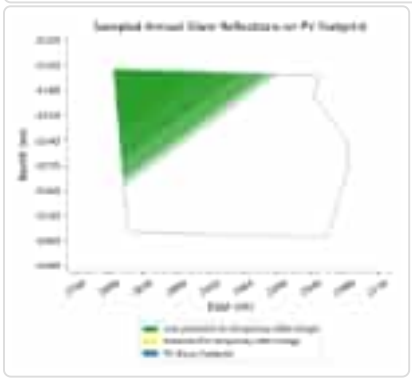
PV array is expected to produce the following glare for this receptor:

- 24 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 44

No glare found

PV array 9: OP 45

No glare found

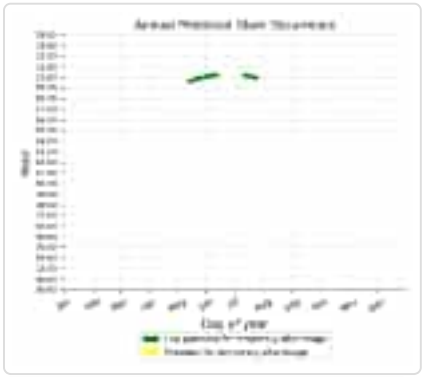
PV array 9: OP 46

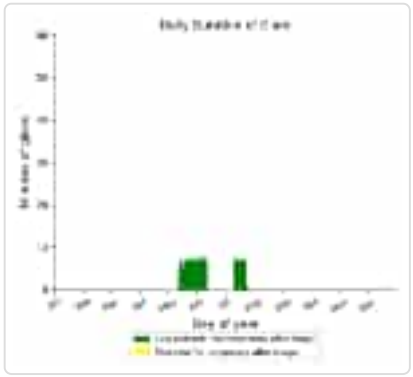
No glare found

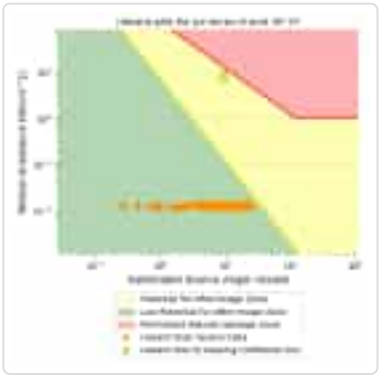
PV array 9: OP 47

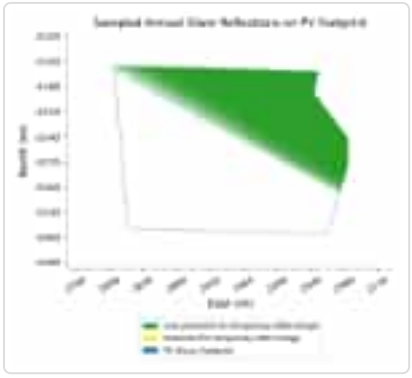
PV array is expected to produce the following glare for this receptor:

- 316 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





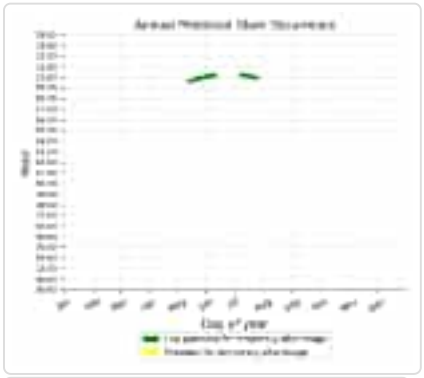


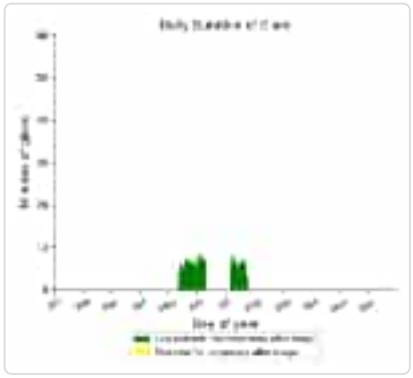


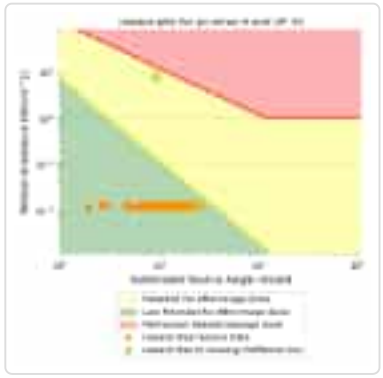
PV array 9: OP 48

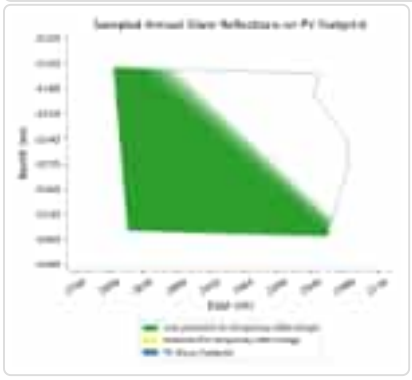
PV array is expected to produce the following glare for this receptor:

- 315 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





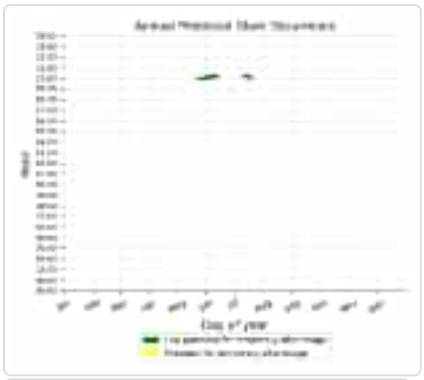


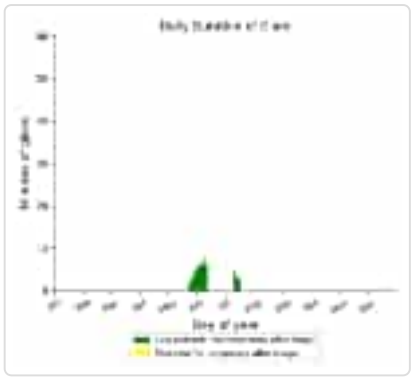


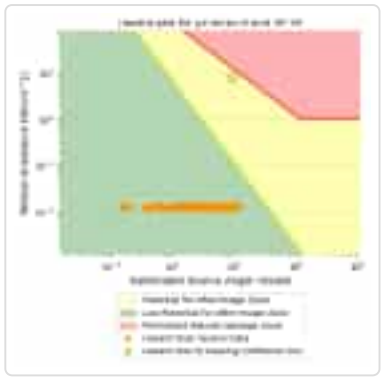
PV array 9: OP 49

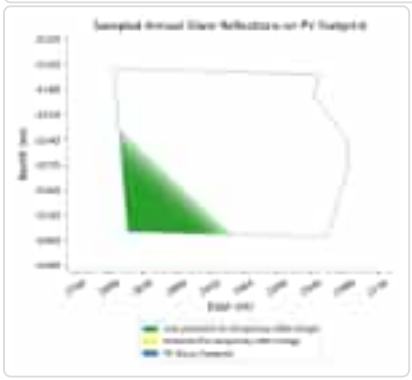
PV array is expected to produce the following glare for this receptor:

- 128 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 50

No glare found

PV array 9: OP 51

No glare found

PV array 9: OP 52

No glare found

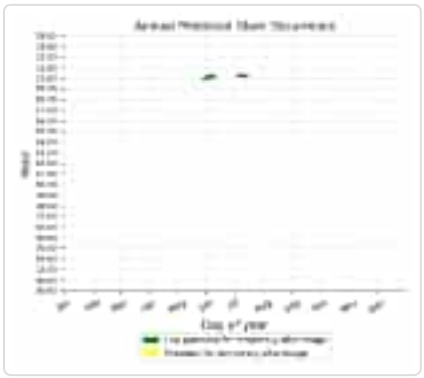
PV array 9: OP 53

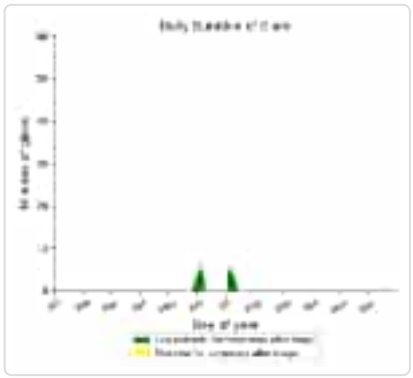
No glare found

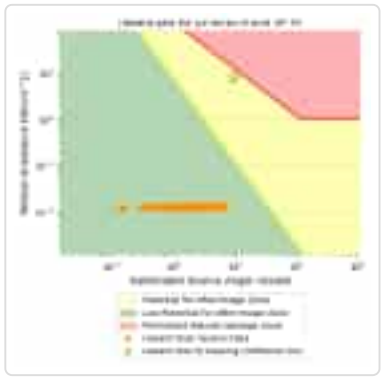
PV array 9: OP 54

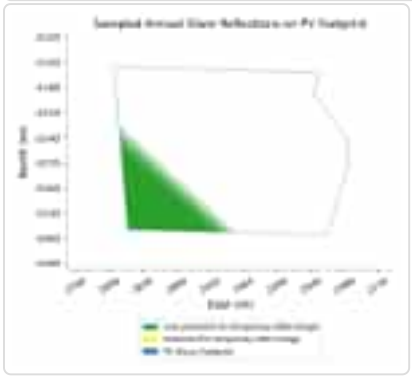
PV array is expected to produce the following glare for this receptor:

- 94 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 55

No glare found

PV array 9: OP 56

No glare found

PV array 9: OP 57

No glare found

PV array 9: OP 58

No glare found

PV array 9: OP 59

No glare found

PV array 9: OP 60

No glare found

PV array 9: OP 61

No glare found

PV array 9: OP 62

No glare found

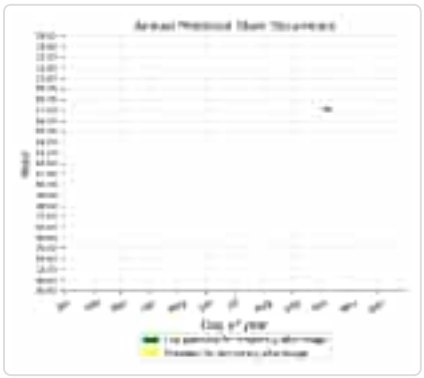
PV array 9: OP 63

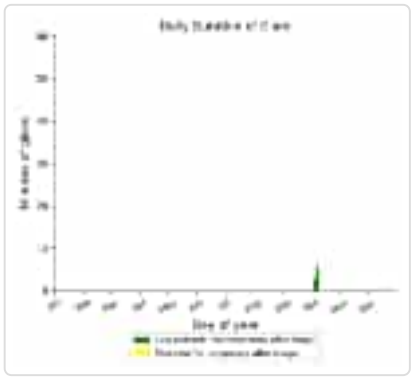
No glare found

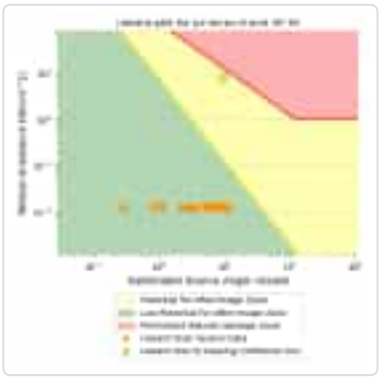
PV array 9: OP 64

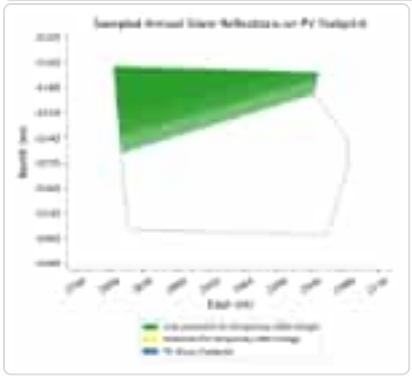
PV array is expected to produce the following glare for this receptor:

- 25 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





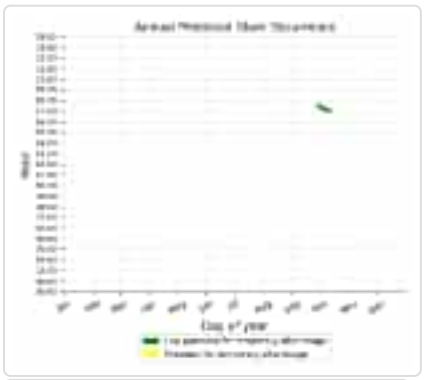


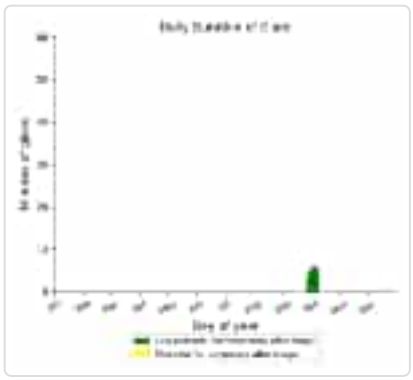


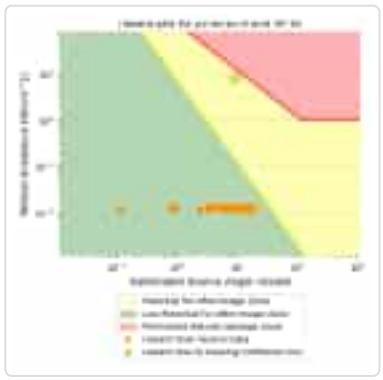
PV array 9: OP 65

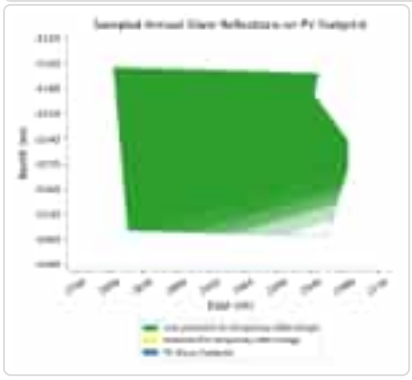
PV array is expected to produce the following glare for this receptor:

- 71 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





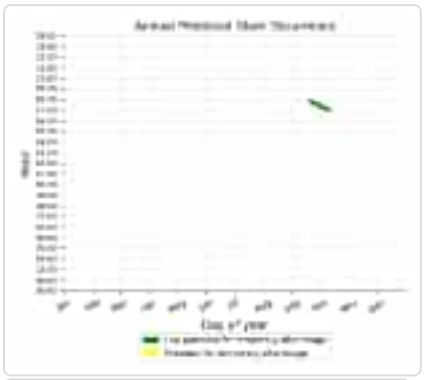


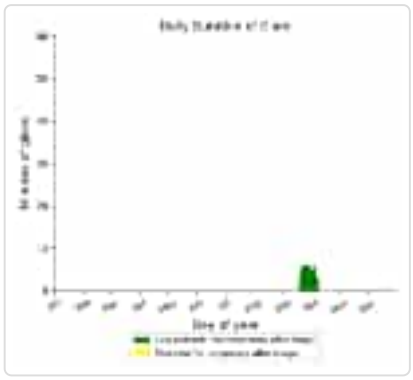


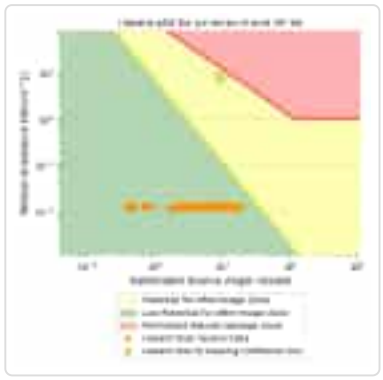
PV array 9: OP 66

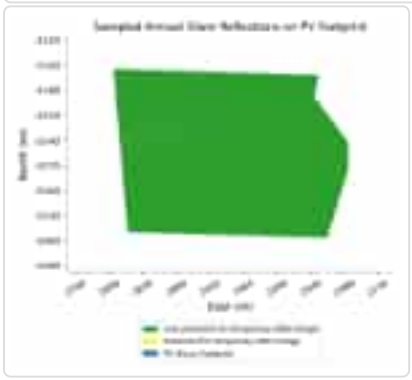
PV array is expected to produce the following glare for this receptor:

- 112 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





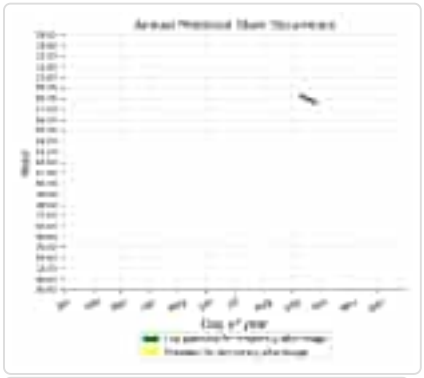


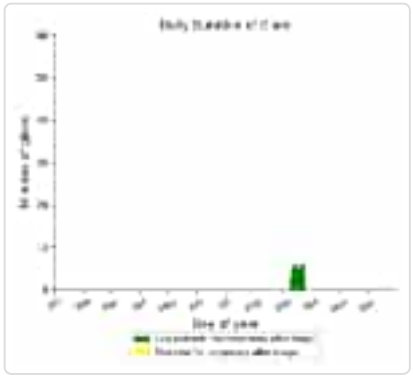


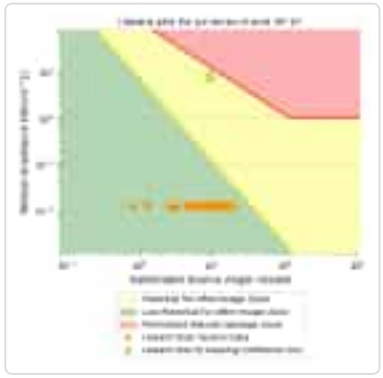
PV array 9: OP 67

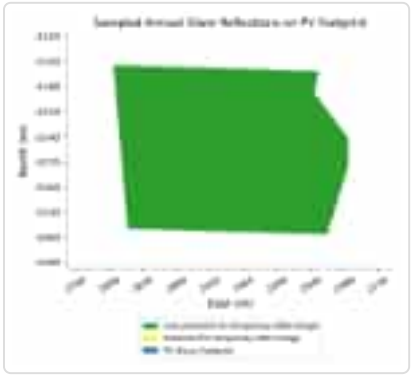
PV array is expected to produce the following glare for this receptor:

- 86 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





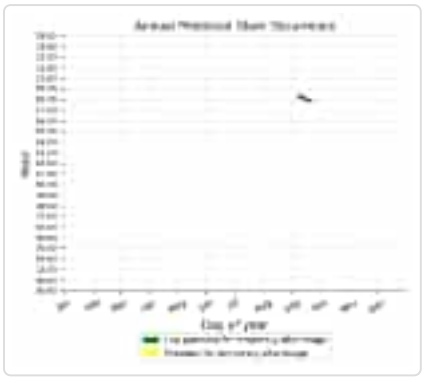


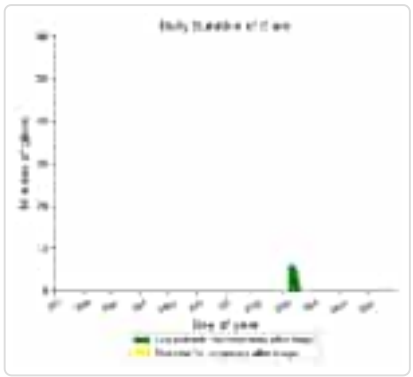


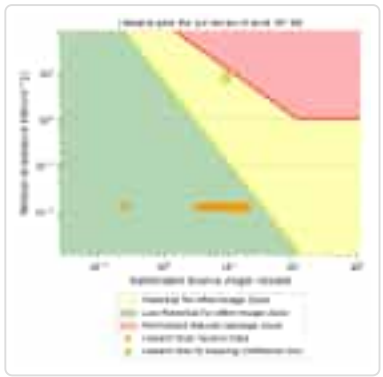
PV array 9: OP 68

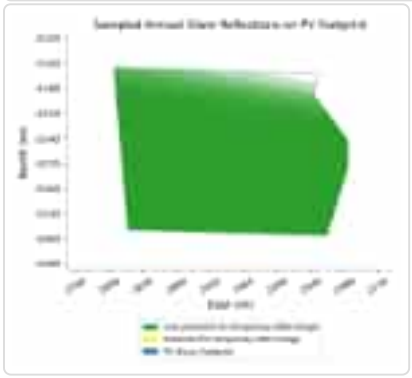
PV array is expected to produce the following glare for this receptor:

- 62 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 69

No glare found

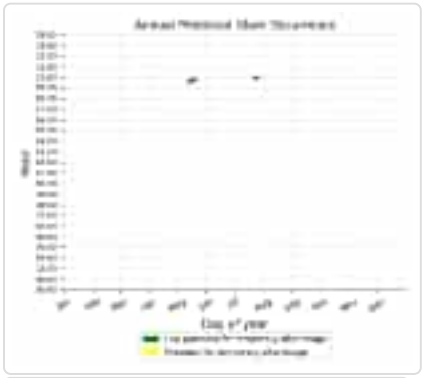
PV array 9: OP 70

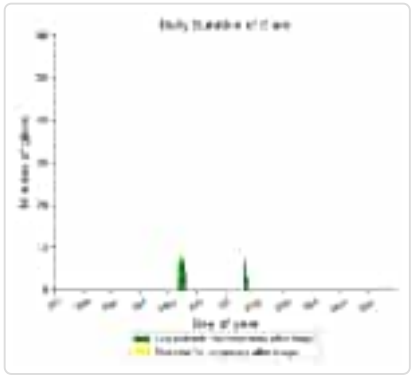
No glare found

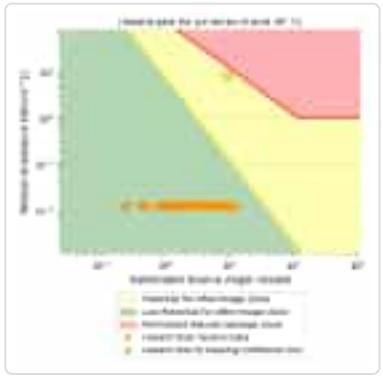
PV array 9: OP 71

PV array is expected to produce the following glare for this receptor:

- 76 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



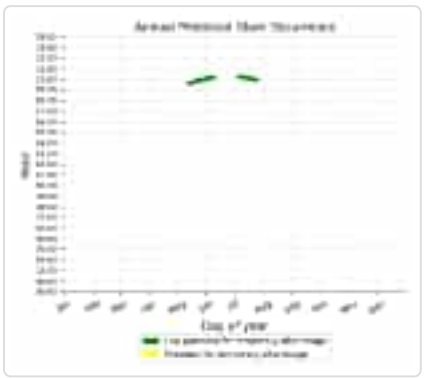


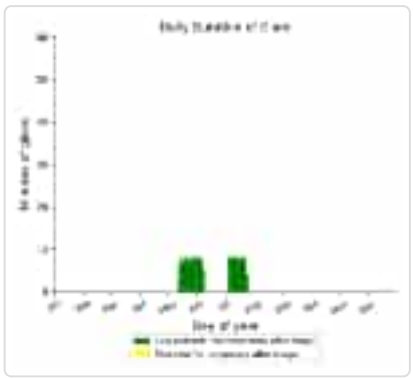


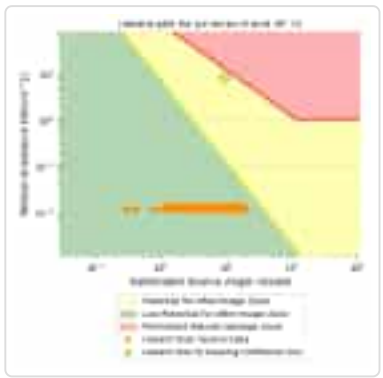
PV array 9: OP 72

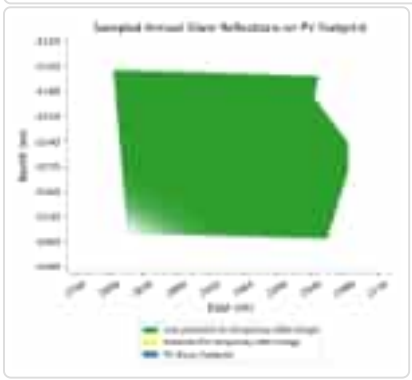
PV array is expected to produce the following glare for this receptor:

- 374 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





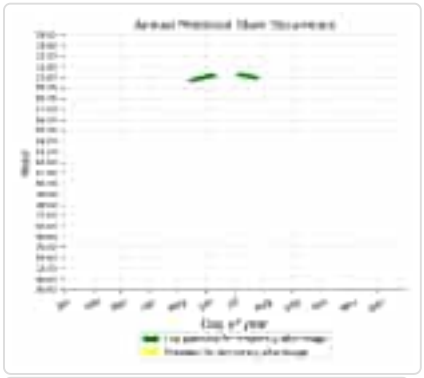


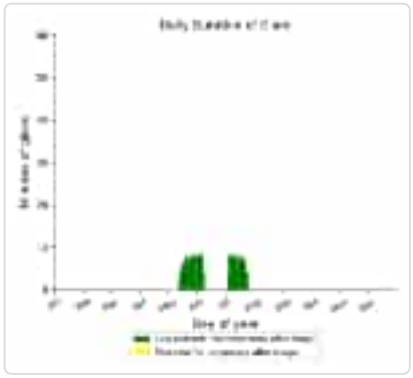


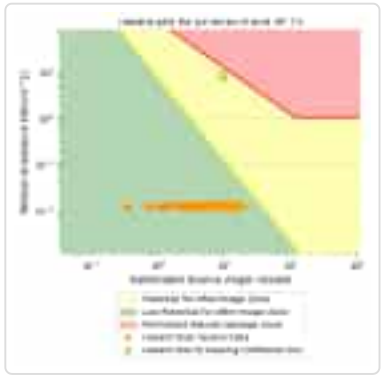
PV array 9: OP 73

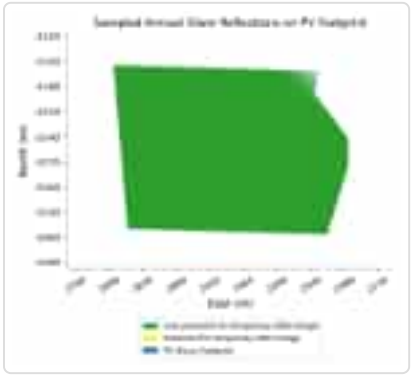
PV array is expected to produce the following glare for this receptor:

- 357 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Fosse Green Solar Farm

Fosse Green SF Road Group C Tracker

Created Jan 12, 2024
Updated Sep 03, 2024
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 109586.18719

Project type Advanced
Project status: active
Category 10 MW to 100 MW

Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
PV array 1	SA tracking	SA tracking	537	0	-
PV array 10	SA tracking	SA tracking	0	0	-
PV array 11	SA tracking	SA tracking	1,652	0	-
PV array 12	SA tracking	SA tracking	85	0	-
PV array 13	SA tracking	SA tracking	57,933	27,344	-
PV array 14	SA tracking	SA tracking	1,647	2,044	-
PV array 15	SA tracking	SA tracking	1,751	117	-
PV array 2	SA tracking	SA tracking	0	0	-
PV array 3	SA tracking	SA tracking	615	0	-
PV array 4	SA tracking	SA tracking	0	0	-
PV array 5	SA tracking	SA tracking	0	0	-
PV array 6	SA tracking	SA tracking	0	0	-
PV array 7	SA tracking	SA tracking	2,832	0	-
PV array 8	SA tracking	SA tracking	0	0	-
PV array 9	SA tracking	SA tracking	2,436	0	-

Component Data

PV Array(s)

Total PV footprint area: 5,162,151 m^2

Name: PV array 1
Footprint area: 534,233 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.173327	-0.683693	15.22	3.50	18.72
2	53.171796	-0.684143	15.03	3.50	18.53
3	53.171552	-0.683478	15.19	3.50	18.69
4	53.171127	-0.682985	15.98	3.50	19.48
5	53.169712	-0.681805	15.00	3.50	18.50
6	53.168092	-0.681418	16.50	3.50	20.00
7	53.167989	-0.682362	16.00	3.50	19.50
8	53.167616	-0.682427	15.86	3.50	19.36
9	53.166844	-0.682749	16.00	3.50	19.50
10	53.166574	-0.682985	16.00	3.50	19.50
11	53.166123	-0.682920	16.00	3.50	19.50
12	53.166394	-0.680345	17.00	3.50	20.50
13	53.166741	-0.680410	16.40	3.50	19.90
14	53.166831	-0.679530	17.48	3.50	20.98
15	53.167320	-0.679659	17.17	3.50	20.67
16	53.167564	-0.677277	20.64	3.50	24.14
17	53.166522	-0.676741	20.78	3.50	24.28
18	53.164593	-0.675024	20.02	3.50	23.52
19	53.163010	-0.673672	18.14	3.50	21.64
20	53.162869	-0.672857	19.04	3.50	22.54
21	53.163088	-0.672084	19.80	3.50	23.30
22	53.163679	-0.671333	23.18	3.50	26.68
23	53.165403	-0.672857	27.63	3.50	31.13
24	53.165648	-0.671870	30.61	3.50	34.11
25	53.166458	-0.671269	32.00	3.50	35.50
26	53.166857	-0.671569	31.99	3.50	35.49
27	53.167847	-0.667406	24.66	3.50	28.16
28	53.169468	-0.666720	25.10	3.50	28.60
29	53.169031	-0.668608	27.89	3.50	31.39
30	53.169198	-0.670067	30.98	3.50	34.48
31	53.169982	-0.673629	26.94	3.50	30.44
32	53.170246	-0.673758	26.58	3.50	30.08
33	53.171294	-0.673125	28.40	3.50	31.90
34	53.171745	-0.672299	30.82	3.50	34.32
35	53.172105	-0.674048	26.50	3.50	30.00
36	53.171674	-0.675957	22.65	3.50	26.15
37	53.171507	-0.677599	22.08	3.50	25.58
38	53.171629	-0.678414	22.99	3.50	26.49
39	53.171918	-0.678833	24.21	3.50	27.71
40	53.171809	-0.679283	22.62	3.50	26.12
41	53.171449	-0.679391	20.48	3.50	23.98
42	53.170838	-0.677985	18.51	3.50	22.01
43	53.170593	-0.678028	17.96	3.50	21.46
44	53.170606	-0.678200	17.83	3.50	21.33
45	53.171372	-0.679906	19.18	3.50	22.68
46	53.171249	-0.681719	17.42	3.50	20.92
47	53.171378	-0.681955	17.27	3.50	20.77
48	53.171333	-0.682395	16.56	3.50	20.06
49	53.171597	-0.682502	16.79	3.50	20.29
50	53.173384	-0.681622	18.75	3.50	22.25

Name: PV array 10
Footprint area: 185,320 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.150798	-0.633966	8.64	3.50	12.14
2	53.150219	-0.635436	8.34	3.50	11.84
3	53.150026	-0.636744	8.28	3.50	11.78
4	53.148983	-0.636744	9.89	3.50	13.39
5	53.148803	-0.636862	10.13	3.50	13.63
6	53.148829	-0.637045	9.76	3.50	13.26
7	53.147420	-0.637957	10.19	3.50	13.69
8	53.146461	-0.637796	10.65	3.50	14.15
9	53.146126	-0.637302	11.44	3.50	14.94
10	53.145875	-0.635146	9.74	3.50	13.24
11	53.145566	-0.635264	9.14	3.50	12.64
12	53.145451	-0.635843	9.42	3.50	12.92
13	53.145142	-0.635951	9.94	3.50	13.44
14	53.144987	-0.634910	11.54	3.50	15.04
15	53.144637	-0.634278	12.00	3.50	15.50
16	53.143968	-0.633344	12.41	3.50	15.91
17	53.144200	-0.633280	11.84	3.50	15.34
18	53.144953	-0.632754	9.97	3.50	13.47
19	53.145828	-0.631949	10.31	3.50	13.81
20	53.146497	-0.631509	11.15	3.50	14.65
21	53.147668	-0.633848	12.51	3.50	16.01
22	53.148395	-0.633344	12.81	3.50	16.31
23	53.148254	-0.632947	13.08	3.50	16.58
24	53.148910	-0.632035	13.05	3.50	16.55
25	53.149148	-0.632604	13.03	3.50	16.53
26	53.149631	-0.631853	12.49	3.50	15.99

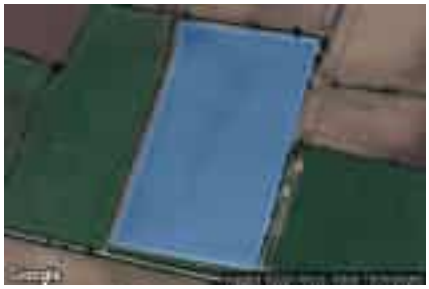
Name: PV array 11
Footprint area: 717,969 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.148506	-0.631749	13.14	3.50	16.64
2	53.147850	-0.632704	12.97	3.50	16.47
3	53.147683	-0.632715	12.37	3.50	15.87
4	53.146640	-0.630945	11.20	3.50	14.70
5	53.146396	-0.630848	12.22	3.50	15.72
6	53.145637	-0.631266	12.28	3.50	15.78
7	53.144343	-0.632565	11.04	3.50	14.54
8	53.142046	-0.627951	13.11	3.50	16.61
9	53.141524	-0.626084	12.34	3.50	15.84
10	53.138596	-0.627329	13.83	3.50	17.33
11	53.138454	-0.627232	13.48	3.50	16.98
12	53.137051	-0.628370	12.96	3.50	16.46
13	53.137154	-0.629056	13.21	3.50	16.71
14	53.135919	-0.628649	14.19	3.50	17.69
15	53.135771	-0.627640	12.78	3.50	16.28
16	53.134593	-0.628456	13.03	3.50	16.53
17	53.134464	-0.624700	12.77	3.50	16.27
18	53.134618	-0.624700	12.76	3.50	16.26
19	53.134631	-0.624990	12.76	3.50	16.26
20	53.135655	-0.624947	12.58	3.50	16.08
21	53.135758	-0.626331	11.86	3.50	15.36
22	53.136112	-0.626567	11.92	3.50	15.42
23	53.136549	-0.625162	10.74	3.50	14.24
24	53.136717	-0.625055	10.13	3.50	13.63
25	53.136652	-0.624636	10.38	3.50	13.88
26	53.137450	-0.624089	10.03	3.50	13.53
27	53.135830	-0.616790	7.11	3.50	10.61
28	53.136200	-0.615960	6.99	3.50	10.49
29	53.137240	-0.614930	7.15	3.50	10.65
30	53.137620	-0.615710	7.24	3.50	10.74
31	53.137860	-0.615550	7.38	3.50	10.88
32	53.137990	-0.614730	7.14	3.50	10.64
33	53.139105	-0.617426	7.93	3.50	11.43
34	53.139800	-0.619754	11.05	3.50	14.55
35	53.141717	-0.618682	9.38	3.50	12.88
36	53.142129	-0.620227	11.21	3.50	14.71
37	53.142007	-0.620323	10.80	3.50	14.30
38	53.142541	-0.622211	11.19	3.50	14.69
39	53.144034	-0.620784	11.76	3.50	15.26
40	53.144607	-0.623563	11.92	3.50	15.42
41	53.145591	-0.624582	12.63	3.50	16.13
42	53.145044	-0.625248	12.90	3.50	16.40
43	53.145077	-0.625666	12.28	3.50	15.78
44	53.146634	-0.628348	11.72	3.50	15.22
45	53.146808	-0.628220	12.16	3.50	15.66
46	53.148268	-0.630762	12.11	3.50	15.61
47	53.148101	-0.631030	11.92	3.50	15.42

Name: PV array 12
Footprint area: 73,115 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.136228	-0.613414	8.07	3.50	11.57
2	53.135854	-0.613478	8.46	3.50	11.96
3	53.133222	-0.614980	9.82	3.50	13.32
4	53.132887	-0.611772	10.64	3.50	14.14
5	53.135977	-0.610335	9.13	3.50	12.63

Name: PV array 13
Footprint area: 716,458 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.135585	-0.658160	11.48	3.50	14.98
2	53.136461	-0.665906	14.75	3.50	18.25
3	53.130642	-0.667945	14.56	3.50	18.06
4	53.130333	-0.666357	13.81	3.50	17.31
5	53.128440	-0.666872	14.86	3.50	18.36
6	53.128582	-0.668717	14.77	3.50	18.27
7	53.128273	-0.668782	14.57	3.50	18.07
8	53.128131	-0.667301	14.49	3.50	17.99
9	53.125730	-0.667666	13.07	3.50	16.57
10	53.125710	-0.667945	12.94	3.50	16.44
11	53.124455	-0.667505	13.19	3.50	16.69
12	53.124558	-0.666711	12.70	3.50	16.20
13	53.123380	-0.665788	11.31	3.50	14.81
14	53.123457	-0.665370	11.00	3.50	14.50
15	53.123122	-0.665220	12.04	3.50	15.54
16	53.123476	-0.663514	13.15	3.50	16.65
17	53.124365	-0.661776	13.29	3.50	16.79
18	53.124571	-0.660832	13.96	3.50	17.46
19	53.125067	-0.660220	13.10	3.50	16.60
20	53.126410	-0.656650	11.66	3.50	15.16
21	53.126650	-0.656260	11.38	3.50	14.88
22	53.126960	-0.656270	11.65	3.50	15.15
23	53.127180	-0.656070	12.25	3.50	15.75
24	53.127600	-0.659050	12.08	3.50	15.58
25	53.128790	-0.658920	13.52	3.50	17.02
26	53.129280	-0.661440	14.94	3.50	18.44
27	53.131090	-0.659840	194.90	3.50	198.40
28	53.131520	-0.659500	14.40	3.50	17.90
29	53.132320	-0.658860	12.70	3.50	16.20
30	53.133270	-0.657930	12.71	3.50	16.21
31	53.133345	-0.658664	11.01	3.50	14.51

Name: PV array 14
Footprint area: 209,674 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132660	-0.653180	10.42	3.50	13.92
2	53.132070	-0.653360	10.23	3.50	13.73
3	53.131511	-0.653075	11.28	3.50	14.78
4	53.130770	-0.652409	10.38	3.50	13.88
5	53.130352	-0.650049	9.94	3.50	13.44
6	53.130095	-0.649556	9.85	3.50	13.35
7	53.130275	-0.649255	10.71	3.50	14.21
8	53.132390	-0.648020	11.38	3.50	14.88
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38

Name: PV array 15
Footprint area: 78,226 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132772	-0.647378	9.94	3.50	13.44
2	53.130056	-0.648847	10.80	3.50	14.30
3	53.129882	-0.649255	9.89	3.50	13.39
4	53.129303	-0.648847	10.80	3.50	14.30
5	53.128942	-0.648858	10.87	3.50	14.37
6	53.128884	-0.648418	11.51	3.50	15.01
7	53.128311	-0.648386	11.43	3.50	14.93
8	53.128105	-0.646884	11.40	3.50	14.90
9	53.130622	-0.645758	10.83	3.50	14.33
10	53.130700	-0.646122	11.65	3.50	15.15
11	53.131298	-0.645768	10.18	3.50	13.68
12	53.132410	-0.645330	9.00	3.50	12.50

Name: PV array 2
Footprint area: 606,601 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.179699	-0.666763	17.74	3.50	21.24
2	53.179108	-0.670067	20.15	3.50	23.65
3	53.176523	-0.668029	19.69	3.50	23.19
4	53.174220	-0.666891	26.06	3.50	29.56
5	53.174465	-0.660669	17.80	3.50	21.30
6	53.172497	-0.660755	16.16	3.50	19.66
7	53.172510	-0.661355	17.14	3.50	20.64
8	53.172960	-0.661484	17.29	3.50	20.79
9	53.173230	-0.666677	24.28	3.50	27.78
10	53.172175	-0.666226	20.97	3.50	24.47
11	53.171823	-0.664919	19.69	3.50	23.19
12	53.171714	-0.664865	19.72	3.50	23.22
13	53.170968	-0.662526	18.08	3.50	21.58
14	53.170357	-0.661797	17.29	3.50	20.79
15	53.174293	-0.653523	13.69	3.50	17.19
16	53.178283	-0.655459	15.69	3.50	19.19
17	53.179363	-0.655588	13.41	3.50	16.91
18	53.178051	-0.662519	19.70	3.50	23.20
19	53.177884	-0.665737	19.63	3.50	23.13

Name: PV array 3
Footprint area: 680,123 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.162240	-0.675330	17.88	3.50	21.38
2	53.159340	-0.671810	16.96	3.50	20.46
3	53.159790	-0.670480	16.50	3.50	20.00
4	53.160860	-0.668250	17.83	3.50	21.33
5	53.160420	-0.666810	17.26	3.50	20.76
6	53.159450	-0.669110	15.52	3.50	19.02
7	53.159860	-0.669750	15.96	3.50	19.46
8	53.159140	-0.671710	16.90	3.50	20.40
9	53.158240	-0.670650	16.68	3.50	20.18
10	53.158390	-0.670070	16.02	3.50	19.52
11	53.157840	-0.668790	15.77	3.50	19.27
12	53.159770	-0.664130	19.42	3.50	22.92
13	53.159920	-0.664410	18.34	3.50	21.84
14	53.160980	-0.661830	24.57	3.50	28.07
15	53.161160	-0.662010	24.26	3.50	27.76
16	53.161290	-0.661640	25.79	3.50	29.29
17	53.161160	-0.661450	26.00	3.50	29.50
18	53.162190	-0.659350	26.37	3.50	29.87
19	53.162080	-0.658850	26.32	3.50	29.82
20	53.162600	-0.657690	27.46	3.50	30.96
21	53.165690	-0.658340	22.77	3.50	26.27
22	53.165920	-0.658980	21.27	3.50	24.77
23	53.166210	-0.659430	20.99	3.50	24.49
24	53.165960	-0.661020	21.23	3.50	24.73
25	53.167980	-0.662370	18.26	3.50	21.76
26	53.167650	-0.663320	18.23	3.50	21.73
27	53.167500	-0.667240	23.91	3.50	27.41
28	53.164620	-0.668620	26.56	3.50	30.06
29	53.164820	-0.669520	27.49	3.50	30.99
30	53.163160	-0.671190	20.73	3.50	24.23
31	53.162730	-0.672050	18.84	3.50	22.34
32	53.162570	-0.673160	18.39	3.50	21.89
33	53.162750	-0.673700	17.85	3.50	21.35
34	53.162650	-0.674340	17.02	3.50	20.52

Name: PV array 4
Footprint area: 539,580 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.172585	-0.642585	14.81	3.50	18.31
2	53.173512	-0.648335	13.73	3.50	17.23
3	53.168740	-0.657433	17.19	3.50	20.69
4	53.168530	-0.657412	16.94	3.50	20.44
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
5	53.168310	-0.657830	18.09	3.50	21.59
6	53.168300	-0.658730	18.04	3.50	21.54
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
7	53.168070	-0.658890	17.95	3.50	21.45
8	53.165850	-0.657640	21.97	3.50	25.47
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
11	53.164580	-0.653290	23.23	3.50	26.73
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
14	53.167520	-0.655510	17.58	3.50	21.08
15	53.167980	-0.655110	18.44	3.50	21.94
16	53.169113	-0.651554	16.06	3.50	19.56
17	53.169113	-0.651060	15.41	3.50	18.91
18	53.168032	-0.650867	15.63	3.50	19.13
19	53.167955	-0.651597	16.07	3.50	19.57
20	53.167337	-0.651232	15.83	3.50	19.33
21	53.166077	-0.651103	19.26	3.50	22.76
22	53.166115	-0.650481	18.68	3.50	22.18
23	53.165961	-0.650181	19.78	3.50	23.28
24	53.168251	-0.644537	17.16	3.50	20.66
25	53.168920	-0.644687	16.30	3.50	19.80
26	53.170129	-0.644408	16.57	3.50	20.07
27	53.171132	-0.643754	15.25	3.50	18.75
28	53.171151	-0.643400	15.23	3.50	18.73
29	53.172000	-0.642681	14.97	3.50	18.47

Name: PV array 5
Footprint area: 85,119 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.175987	-0.638261	17.17	3.50	20.67
2	53.175962	-0.637317	17.32	3.50	20.82
3	53.175704	-0.636180	15.99	3.50	19.49
4	53.172039	-0.635257	10.34	3.50	13.84
5	53.170855	-0.638197	11.33	3.50	14.83
6	53.174251	-0.638304	12.30	3.50	15.80

Name: PV array 6
Footprint area: 178,317 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.167678	-0.644140	17.52	3.50	21.02
2	53.165556	-0.649011	19.39	3.50	22.89
3	53.164810	-0.644784	20.41	3.50	23.91
4	53.165350	-0.641716	16.27	3.50	19.77
5	53.163562	-0.640986	20.48	3.50	23.98
6	53.161902	-0.640643	22.38	3.50	25.88
7	53.159226	-0.640385	15.78	3.50	19.28
8	53.159329	-0.638197	13.14	3.50	16.64
9	53.162726	-0.638883	20.72	3.50	24.22
10	53.164115	-0.639205	17.21	3.50	20.71
11	53.165183	-0.639763	14.44	3.50	17.94
12	53.165800	-0.640707	14.81	3.50	18.31
13	53.166366	-0.642209	16.10	3.50	19.60
14	53.166971	-0.643282	16.63	3.50	20.13

Name: PV array 7
Footprint area: 492,432 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.164655	-0.651071	23.57	3.50	27.07
2	53.164218	-0.652101	24.34	3.50	27.84
3	53.163588	-0.652015	24.43	3.50	27.93
4	53.163575	-0.652466	24.10	3.50	27.60
5	53.163883	-0.652809	24.86	3.50	28.36
6	53.162790	-0.655406	26.04	3.50	29.54
7	53.162404	-0.655148	26.50	3.50	30.00
8	53.162082	-0.655835	27.39	3.50	30.89
9	53.162263	-0.656543	27.11	3.50	30.61
10	53.161516	-0.658324	26.25	3.50	29.75
11	53.158776	-0.654054	22.55	3.50	26.05
12	53.156879	-0.652104	18.45	3.50	21.95
13	53.156840	-0.650806	17.85	3.50	21.35
14	53.156634	-0.650474	16.75	3.50	20.25
15	53.155412	-0.650935	12.99	3.50	16.49
16	53.155245	-0.650441	12.47	3.50	15.97
17	53.154428	-0.650484	11.62	3.50	15.12
18	53.152317	-0.650581	10.82	3.50	14.32
19	53.151545	-0.650656	11.68	3.50	15.18
20	53.151481	-0.651761	11.49	3.50	14.99
21	53.151159	-0.651729	12.56	3.50	16.06
22	53.151178	-0.650924	12.32	3.50	15.82
23	53.150863	-0.650624	12.97	3.50	16.47
24	53.149042	-0.650581	13.39	3.50	16.89
25	53.149113	-0.652083	14.82	3.50	18.32
26	53.147459	-0.652115	10.92	3.50	14.42
27	53.147762	-0.654604	14.65	3.50	18.15
28	53.146730	-0.654770	11.29	3.50	14.79
29	53.146710	-0.654450	10.79	3.50	14.29
30	53.146660	-0.653930	9.99	3.50	13.49
31	53.146560	-0.653210	9.32	3.50	12.82
32	53.146500	-0.652650	9.65	3.50	13.15
33	53.146620	-0.652540	9.69	3.50	13.19
34	53.146670	-0.652330	9.64	3.50	13.14
35	53.146500	-0.650990	8.94	3.50	12.44
36	53.146830	-0.651060	9.07	3.50	12.57
37	53.147220	-0.650840	9.43	3.50	12.93
38	53.147530	-0.650195	9.95	3.50	13.45
39	53.148058	-0.647824	10.34	3.50	13.84
40	53.149293	-0.647502	11.75	3.50	15.25
41	53.149364	-0.647008	11.40	3.50	14.90
42	53.149004	-0.645163	9.84	3.50	13.34
43	53.149068	-0.644702	10.07	3.50	13.57
44	53.149589	-0.644659	10.09	3.50	13.59
45	53.150246	-0.645152	10.47	3.50	13.97
46	53.150709	-0.646118	10.77	3.50	14.27
47	53.150861	-0.646854	11.55	3.50	15.05
48	53.152186	-0.646683	10.55	3.50	14.05
49	53.152302	-0.648378	10.85	3.50	14.35
50	53.152559	-0.648356	11.03	3.50	14.53
51	53.152650	-0.647820	11.33	3.50	14.83
52	53.152843	-0.647562	10.51	3.50	14.01
53	53.152984	-0.648185	10.54	3.50	14.04
54	53.153396	-0.648850	10.72	3.50	14.22
55	53.153821	-0.649000	11.70	3.50	15.20
56	53.153821	-0.647176	11.57	3.50	15.07
57	53.157030	-0.647114	18.62	3.50	22.12
58	53.157911	-0.650923	21.21	3.50	24.71
59	53.159526	-0.650773	24.30	3.50	27.80
60	53.159841	-0.651545	25.93	3.50	29.43
61	53.160478	-0.652318	28.32	3.50	31.82
62	53.160542	-0.654142	27.00	3.50	30.50
63	53.161668	-0.654152	28.25	3.50	31.75
64	53.162003	-0.653691	27.32	3.50	30.82

65	53.161359	-0.652489	27.84	3.50	31.34
66	53.161314	-0.650848	28.23	3.50	31.73

Name: PV array 8
Footprint area: 15,661 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.149067	-0.644094	9.24	3.50	12.74
2	53.149505	-0.644029	9.82	3.50	13.32
3	53.149878	-0.644094	9.57	3.50	13.07
4	53.150888	-0.643353	9.27	3.50	12.77
5	53.150521	-0.642002	8.25	3.50	11.75
6	53.149871	-0.642806	8.50	3.50	12.00
7	53.149472	-0.642796	8.80	3.50	12.30
8	53.149215	-0.643192	8.74	3.50	12.24
9	53.149022	-0.644072	9.17	3.50	12.67

Name: PV array 9
Footprint area: 49,324 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.144980	-0.656700	12.95	3.50	16.45
2	53.143230	-0.656440	10.07	3.50	13.57
3	53.143170	-0.652900	8.94	3.50	12.44
4	53.143890	-0.652530	9.13	3.50	12.63
5	53.144200	-0.652530	9.20	3.50	12.70
6	53.144680	-0.653130	9.45	3.50	12.95
7	53.144910	-0.653050	9.89	3.50	13.39

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	53.132517	-0.634624	14.36	1.50	15.86
OP 2	53.131320	-0.635804	14.29	1.50	15.79
OP 3	53.129711	-0.637028	14.30	1.50	15.80
OP 4	53.128372	-0.638637	13.02	1.50	14.52
OP 5	53.127251	-0.640997	13.62	1.50	15.12
OP 6	53.125552	-0.641641	14.59	1.50	16.09
OP 7	53.123929	-0.642885	16.49	1.50	17.99
OP 8	53.122320	-0.644302	15.19	1.50	16.69
OP 9	53.120607	-0.643980	15.05	1.50	16.55
OP 10	53.131127	-0.632757	14.63	1.50	16.13
OP 11	53.131294	-0.629839	13.93	1.50	15.43
OP 12	53.129917	-0.628981	13.86	1.50	15.36
OP 13	53.129582	-0.625870	12.59	1.50	14.09
OP 14	53.129402	-0.622758	10.55	1.50	12.05
OP 15	53.129363	-0.620140	9.89	1.50	11.39
OP 16	53.129234	-0.617244	10.00	1.50	11.50
OP 17	53.129312	-0.614476	10.57	1.50	12.07
OP 18	53.128861	-0.611665	10.72	1.50	12.22
OP 19	53.128153	-0.609369	9.56	1.50	11.06
OP 20	53.127573	-0.606686	7.53	1.50	9.03
OP 21	53.126762	-0.604605	6.88	1.50	8.38
OP 22	53.125951	-0.602288	7.20	1.50	8.70
OP 23	53.132762	-0.647671	10.34	1.50	11.84
OP 24	53.131114	-0.648636	11.59	1.50	13.09
OP 25	53.129363	-0.649752	10.38	1.50	11.88
OP 26	53.127728	-0.649945	11.69	1.50	13.19
OP 27	53.126479	-0.651533	10.67	1.50	12.17
OP 28	53.126299	-0.654172	10.40	1.50	11.90
OP 29	53.126286	-0.656618	11.90	1.50	13.40
OP 30	53.125294	-0.659236	13.01	1.50	14.51
OP 31	53.124342	-0.661253	13.70	1.50	15.20
OP 32	53.123234	-0.664086	12.65	1.50	14.15
OP 33	53.122745	-0.666832	12.30	1.50	13.80
OP 34	53.121509	-0.668678	13.54	1.50	15.04
OP 35	53.123337	-0.682411	18.91	1.50	20.41
OP 36	53.122603	-0.679728	17.93	1.50	19.43
OP 37	53.122114	-0.676917	17.00	1.50	18.50
OP 38	53.121805	-0.674042	18.54	1.50	20.04
OP 39	53.121367	-0.671274	17.00	1.50	18.50
OP 40	53.123955	-0.640568	15.04	1.50	16.54
OP 41	53.123041	-0.638079	14.73	1.50	16.23
OP 42	53.121959	-0.636169	14.97	1.50	16.47
OP 43	53.117517	-0.655224	15.83	1.50	17.33
OP 44	53.118894	-0.653250	15.04	1.50	16.54
OP 45	53.120169	-0.651576	13.84	1.50	15.34
OP 46	53.121251	-0.649859	15.50	1.50	17.00
OP 47	53.122526	-0.647842	15.80	1.50	17.30
OP 48	53.123865	-0.646383	13.88	1.50	15.38
OP 49	53.125320	-0.644409	13.50	1.50	15.00
OP 50	53.127097	-0.643551	13.49	1.50	14.99
OP 51	53.127020	-0.637993	15.64	1.50	17.14
OP 52	53.127007	-0.635075	14.94	1.50	16.44
OP 53	53.126312	-0.632929	15.40	1.50	16.90
OP 54	53.126067	-0.629947	14.71	1.50	16.21
OP 55	53.126041	-0.627157	14.40	1.50	15.90
OP 56	53.136186	-0.681423	20.72	1.50	22.22
OP 57	53.134410	-0.680501	24.64	1.50	26.14
OP 58	53.132569	-0.679707	21.02	1.50	22.52
OP 59	53.131100	-0.678441	18.72	1.50	20.22
OP 60	53.129362	-0.677561	20.17	1.50	21.67
OP 61	53.127701	-0.677175	19.86	1.50	21.36
OP 62	53.126169	-0.676467	18.11	1.50	19.61
OP 63	53.124830	-0.675051	17.93	1.50	19.43

OP 64	53.123143	-0.675608	17.00	1.50	18.50

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
PV array 1	SA tracking	SA tracking	537	0	-	-
PV array 10	SA tracking	SA tracking	0	0	-	-
PV array 11	SA tracking	SA tracking	1,652	0	-	-
PV array 12	SA tracking	SA tracking	85	0	-	-
PV array 13	SA tracking	SA tracking	57,933	27,344	-	-
PV array 14	SA tracking	SA tracking	1,647	2,044	-	-
PV array 15	SA tracking	SA tracking	1,751	117	-	-
PV array 2	SA tracking	SA tracking	0	0	-	-
PV array 3	SA tracking	SA tracking	615	0	-	-
PV array 4	SA tracking	SA tracking	0	0	-	-
PV array 5	SA tracking	SA tracking	0	0	-	-
PV array 6	SA tracking	SA tracking	0	0	-	-
PV array 7	SA tracking	SA tracking	2,832	0	-	-
PV array 8	SA tracking	SA tracking	0	0	-	-
PV array 9	SA tracking	SA tracking	2,436	0	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
pv-array-1 (green)	0	0	0	0	3	100	29	0	0	0	0	0
pv-array-1 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-11 (green)	0	0	0	0	206	149	268	7	0	0	0	0
pv-array-11 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-12 (green)	0	0	0	0	0	0	0	0	54	0	0	0
pv-array-12 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-13 (green)	0	37	820	1484	2994	4374	3814	1809	960	137	0	0
pv-array-13 (yellow)	0	0	88	743	1321	1382	1229	1019	306	26	0	0
pv-array-14 (green)	90	74	301	2	0	0	0	0	109	138	96	129
pv-array-14 (yellow)	367	96	0	0	0	0	0	0	0	33	259	476
pv-array-15 (green)	63	214	59	29	0	0	0	5	51	280	23	113
pv-array-15 (yellow)	1	1	0	0	0	0	0	0	0	0	5	4
pv-array-3 (green)	0	0	0	0	10	125	46	0	0	0	0	0
pv-array-3 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-7 (green)	0	0	0	0	280	287	149	13	0	0	0	0
pv-array-7 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-9 (green)	0	0	0	0	124	147	180	58	0	0	0	0
pv-array-9 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

PV array 1 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	26	0
OP: OP 18	54	0
OP: OP 19	79	0
OP: OP 20	121	0
OP: OP 21	125	0
OP: OP 22	132	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

PV array 1: OP 1

No glare found

PV array 1: OP 2

No glare found

PV array 1: OP 3

No glare found

PV array 1: OP 4

No glare found

PV array 1: OP 5

No glare found

PV array 1: OP 6

No glare found

PV array 1: OP 7

No glare found

PV array 1: OP 8

No glare found

PV array 1: OP 9

No glare found

PV array 1: OP 10

No glare found

PV array 1: OP 11

No glare found

PV array 1: OP 12

No glare found

PV array 1: OP 13

No glare found

PV array 1: OP 14

No glare found

PV array 1: OP 15

No glare found

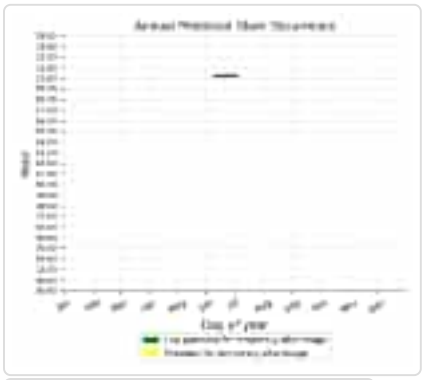
PV array 1: OP 16

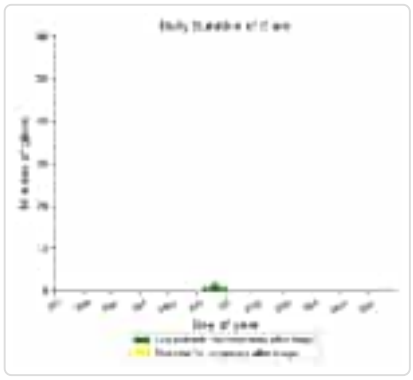
No glare found

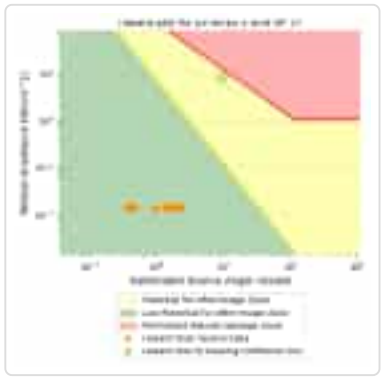
PV array 1: OP 17

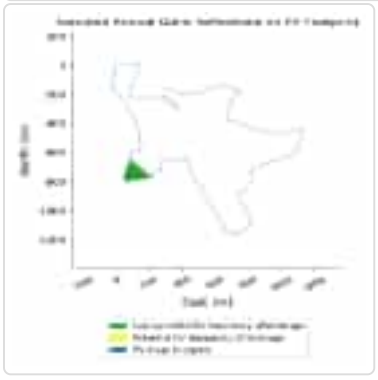
PV array is expected to produce the following glare for this receptor:

- 26 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





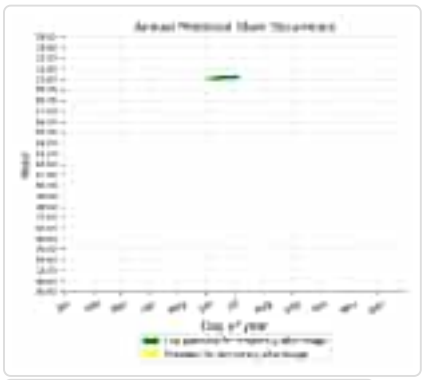


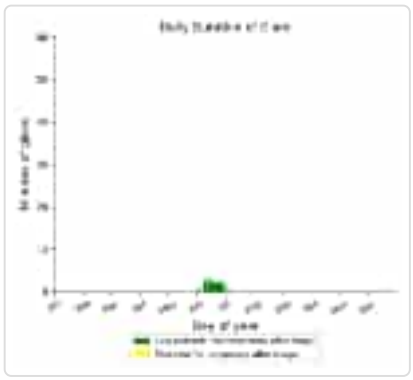


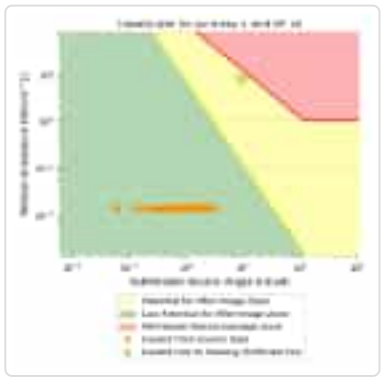
PV array 1: OP 18

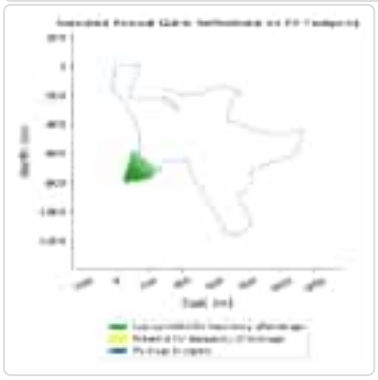
PV array is expected to produce the following glare for this receptor:

- 54 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





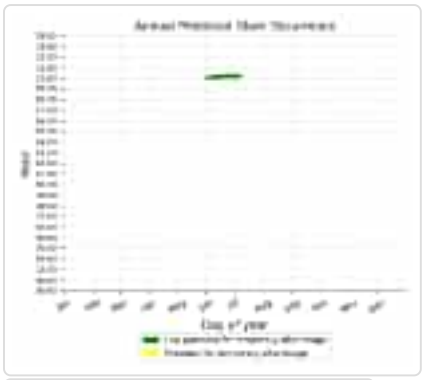


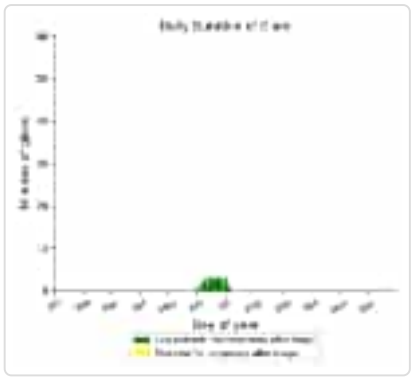


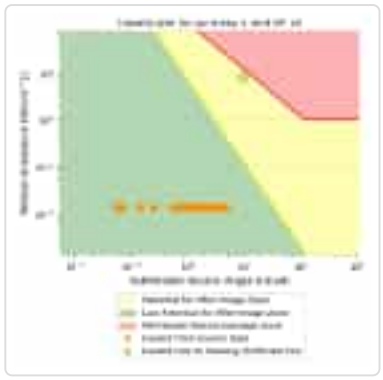
PV array 1: OP 19

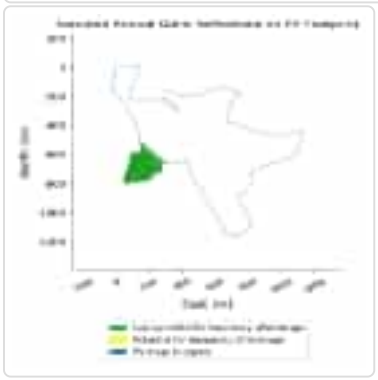
PV array is expected to produce the following glare for this receptor:

- 79 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





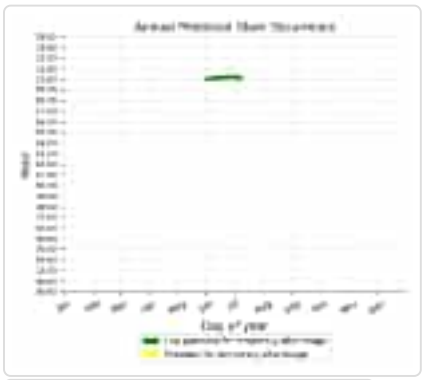


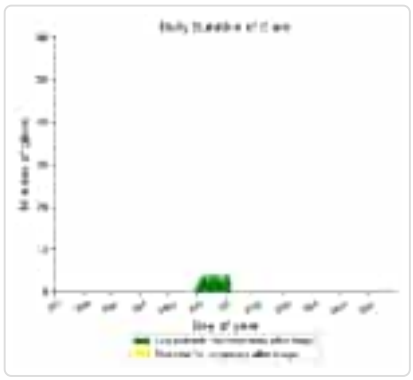


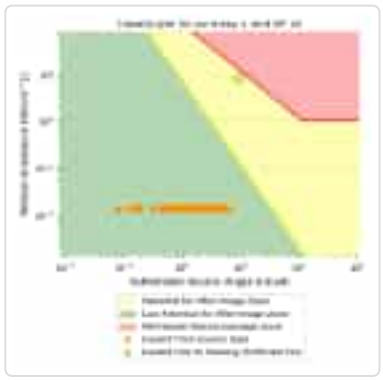
PV array 1: OP 20

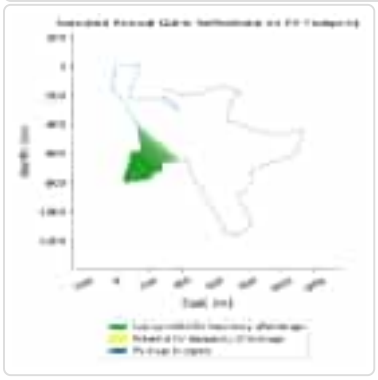
PV array is expected to produce the following glare for this receptor:

- 121 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





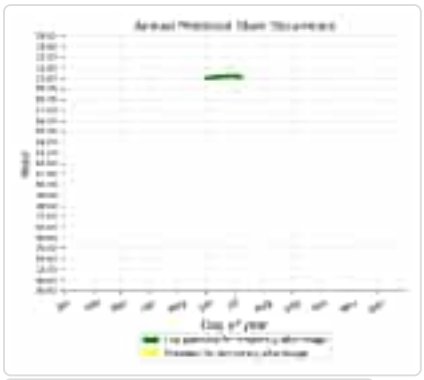


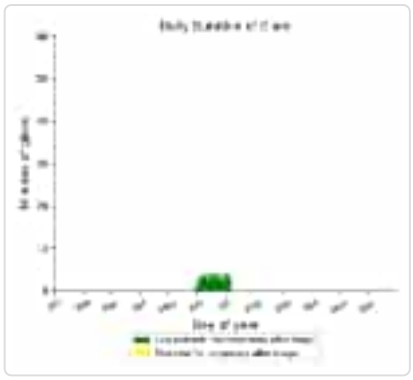


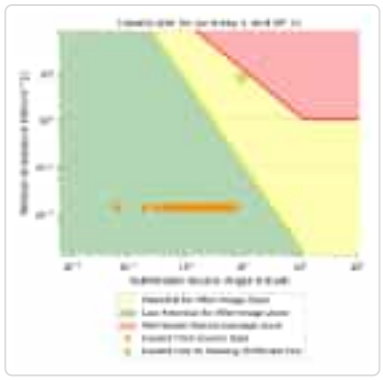
PV array 1: OP 21

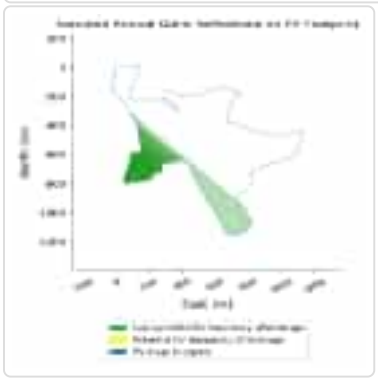
PV array is expected to produce the following glare for this receptor:

- 125 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





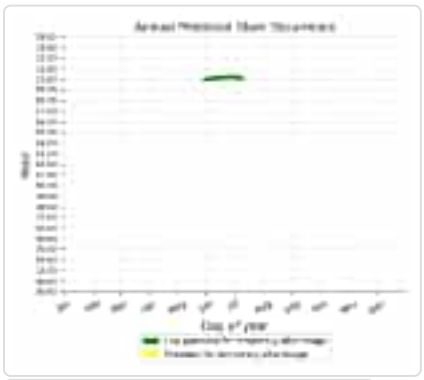


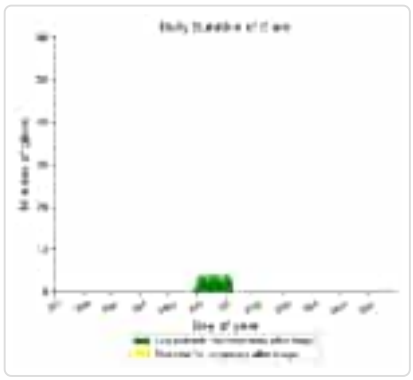


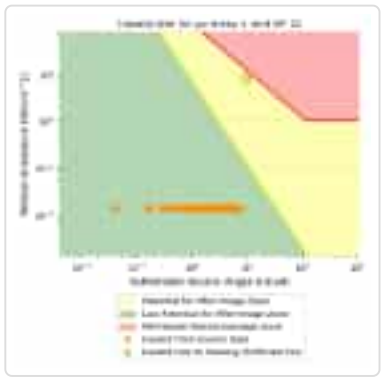
PV array 1: OP 22

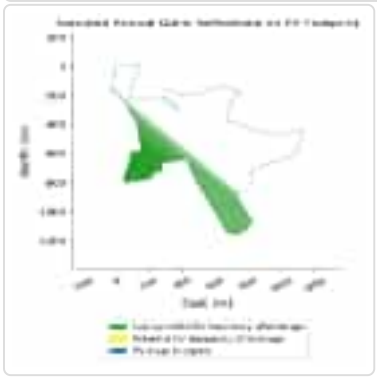
PV array is expected to produce the following glare for this receptor:

- 132 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 23

No glare found

PV array 1: OP 24

No glare found

PV array 1: OP 25

No glare found

PV array 1: OP 26

No glare found

PV array 1: OP 27

No glare found

PV array 1: OP 28

No glare found

PV array 1: OP 29

No glare found

PV array 1: OP 30

No glare found

PV array 1: OP 31

No glare found

PV array 1: OP 32

No glare found

PV array 1: OP 33

No glare found

PV array 1: OP 34

No glare found

PV array 1: OP 35

No glare found

PV array 1: OP 36

No glare found

PV array 1: OP 37

No glare found

PV array 1: OP 38

No glare found

PV array 1: OP 39

No glare found

PV array 1: OP 40

No glare found

PV array 1: OP 41

No glare found

PV array 1: OP 42

No glare found

PV array 1: OP 43

No glare found

PV array 1: OP 44

No glare found

PV array 1: OP 45

No glare found

PV array 1: OP 46

No glare found

PV array 1: OP 47

No glare found

PV array 1: OP 48

No glare found

PV array 1: OP 49

No glare found

PV array 1: OP 50

No glare found

PV array 1: OP 51

No glare found

PV array 1: OP 52

No glare found

PV array 1: OP 53

No glare found

PV array 1: OP 54

No glare found

PV array 1: OP 55

No glare found

PV array 1: OP 56

No glare found

PV array 1: OP 57

No glare found

PV array 1: OP 58

No glare found

PV array 1: OP 59

No glare found

PV array 1: OP 60

No glare found

PV array 1: OP 61

No glare found

PV array 1: OP 62

No glare found

PV array 1: OP 63

No glare found

PV array 1: OP 64

No glare found

PV array 10 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

No glare found

PV array 11 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	115	0
OP: OP 12	59	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	242	0
OP: OP 18	326	0
OP: OP 19	309	0
OP: OP 20	215	0
OP: OP 21	163	0
OP: OP 22	223	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0

OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

PV array 11: OP 1

No glare found

PV array 11: OP 2

No glare found

PV array 11: OP 3

No glare found

PV array 11: OP 4

No glare found

PV array 11: OP 5

No glare found

PV array 11: OP 6

No glare found

PV array 11: OP 7

No glare found

PV array 11: OP 8

No glare found

PV array 11: OP 9

No glare found

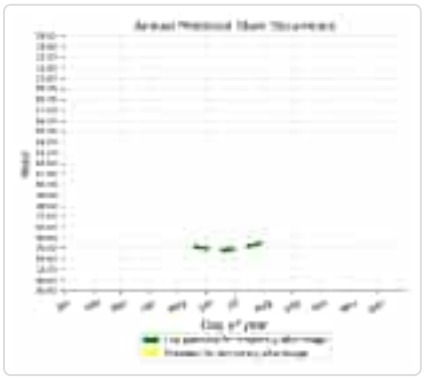
PV array 11: OP 10

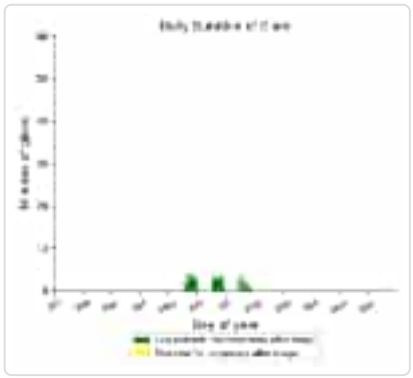
No glare found

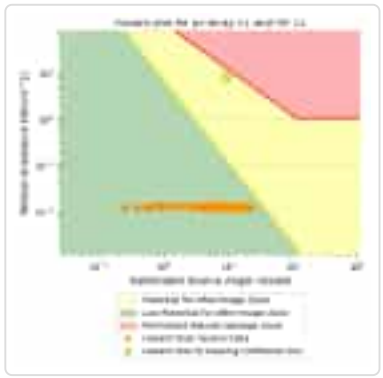
PV array 11: OP 11

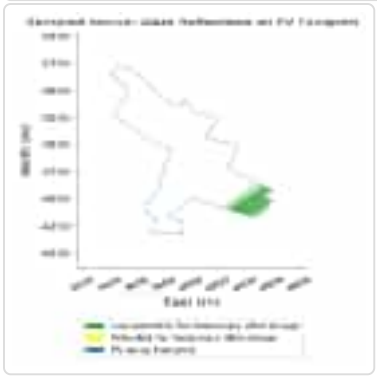
PV array is expected to produce the following glare for this receptor:

- 115 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





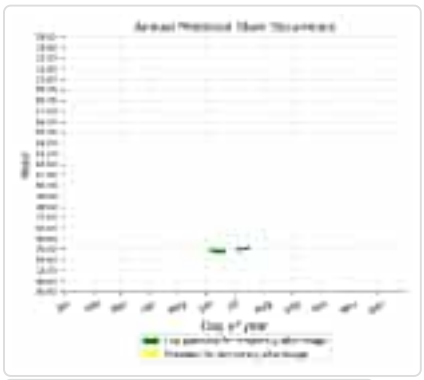


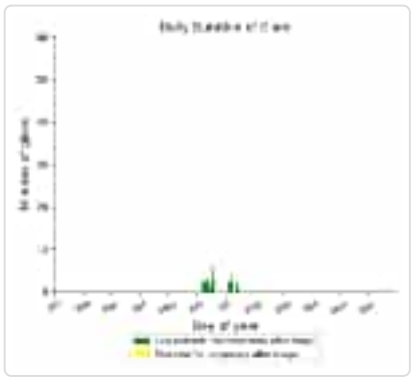


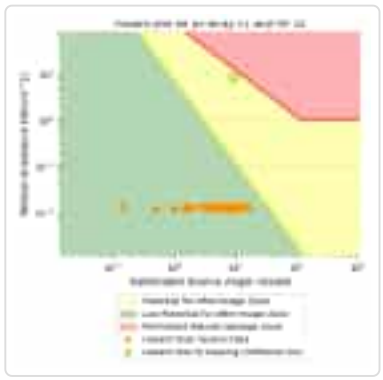
PV array 11: OP 12

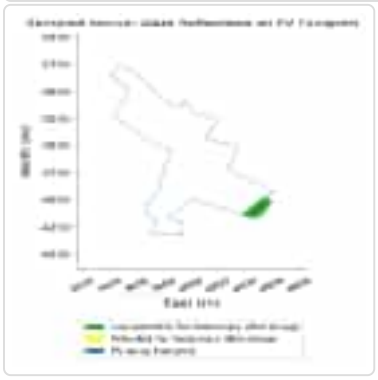
PV array is expected to produce the following glare for this receptor:

- 59 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 13

No glare found

PV array 11: OP 14

No glare found

PV array 11: OP 15

No glare found

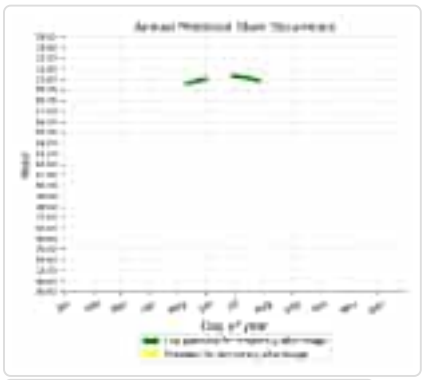
PV array 11: OP 16

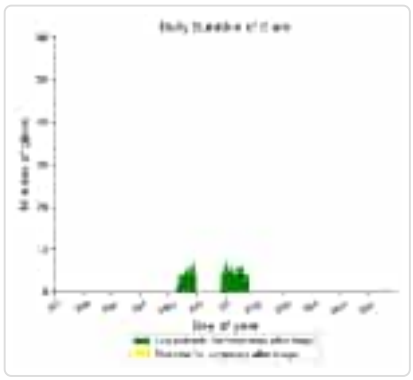
No glare found

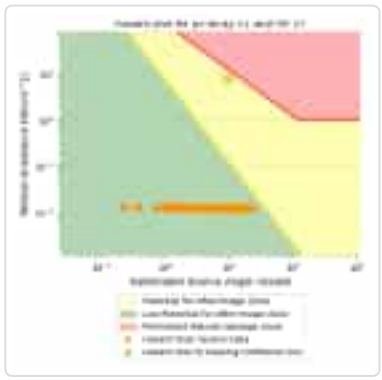
PV array 11: OP 17

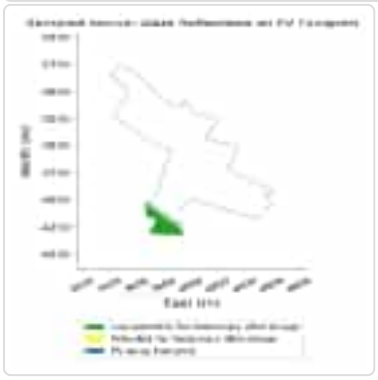
PV array is expected to produce the following glare for this receptor:

- 242 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





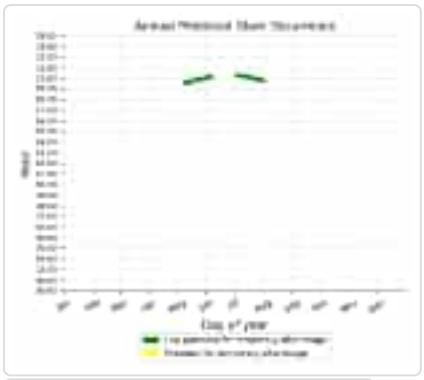


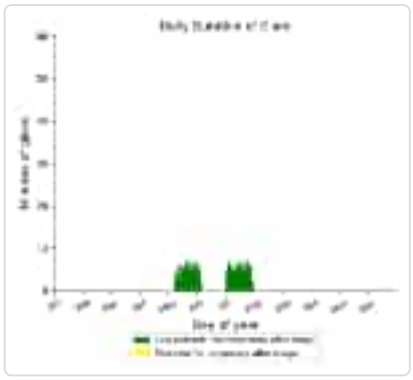


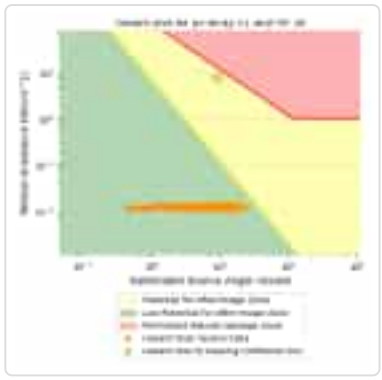
PV array 11: OP 18

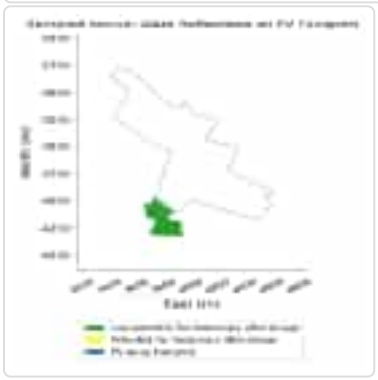
PV array is expected to produce the following glare for this receptor:

- 326 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





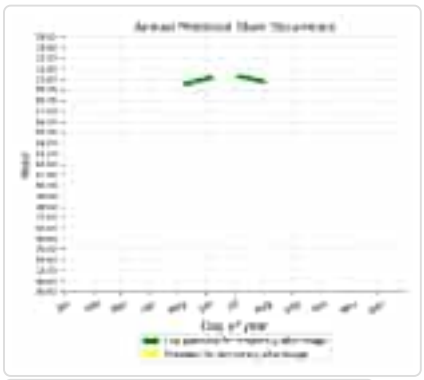


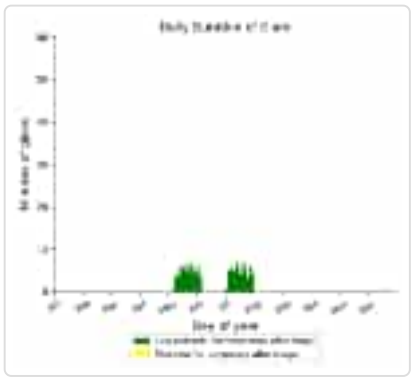


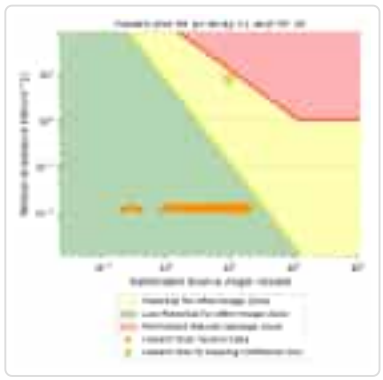
PV array 11: OP 19

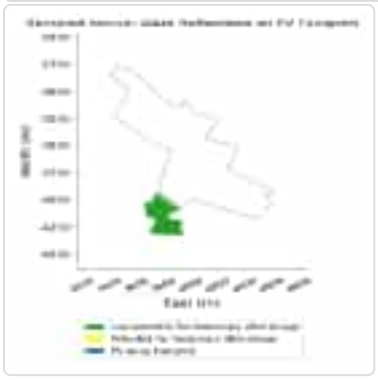
PV array is expected to produce the following glare for this receptor:

- 309 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





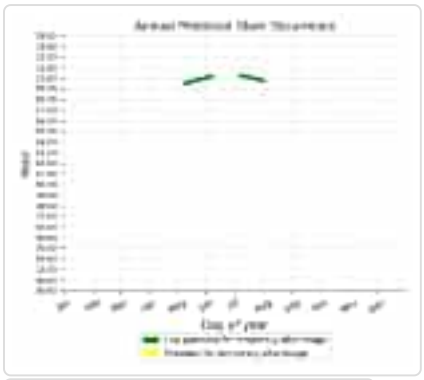


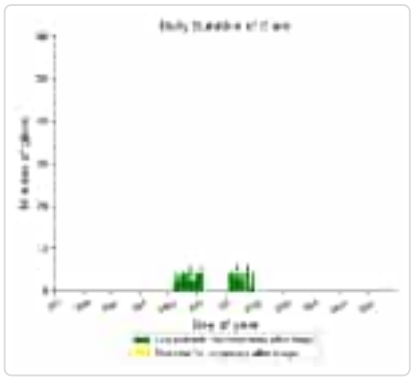


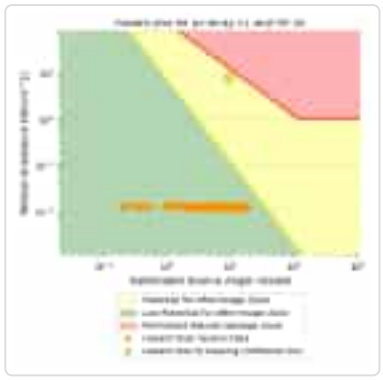
PV array 11: OP 20

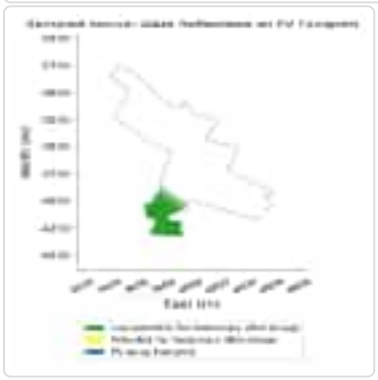
PV array is expected to produce the following glare for this receptor:

- 215 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





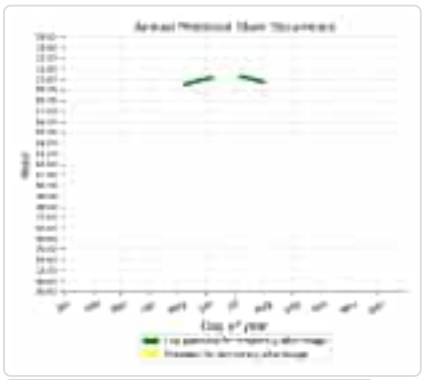


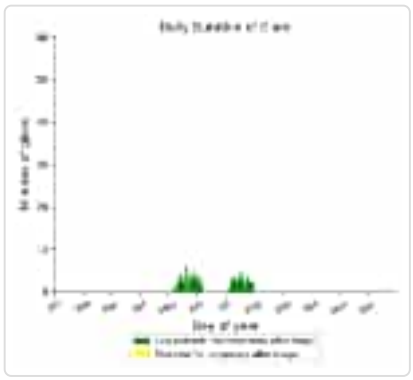


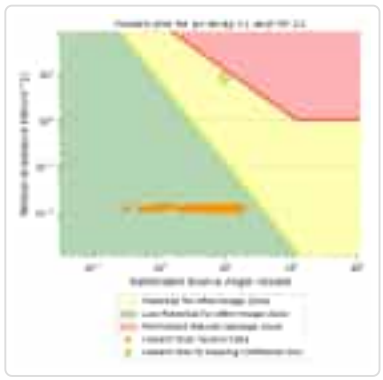
PV array 11: OP 21

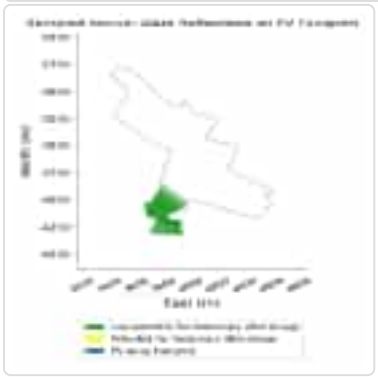
PV array is expected to produce the following glare for this receptor:

- 163 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





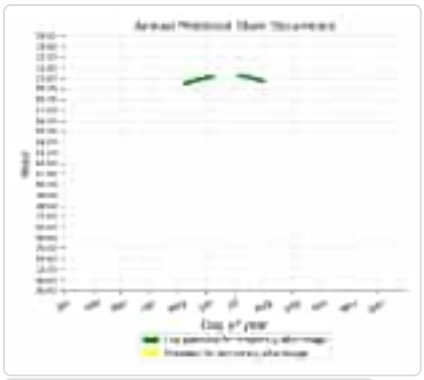


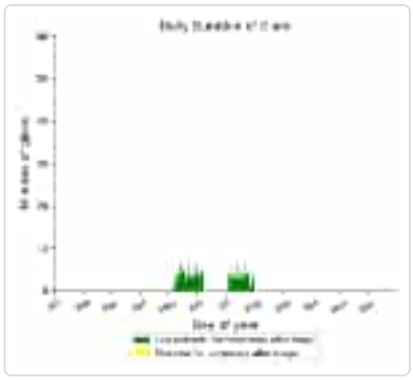


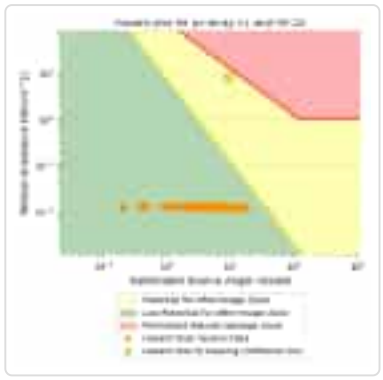
PV array 11: OP 22

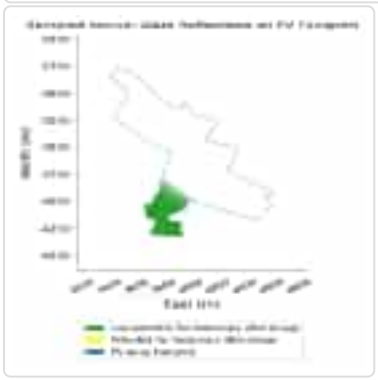
PV array is expected to produce the following glare for this receptor:

- 223 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 23

No glare found

PV array 11: OP 24

No glare found

PV array 11: OP 25

No glare found

PV array 11: OP 26

No glare found

PV array 11: OP 27

No glare found

PV array 11: OP 28

No glare found

PV array 11: OP 29

No glare found

PV array 11: OP 30

No glare found

PV array 11: OP 31

No glare found

PV array 11: OP 32

No glare found

PV array 11: OP 33

No glare found

PV array 11: OP 34

No glare found

PV array 11: OP 35

No glare found

PV array 11: OP 36

No glare found

PV array 11: OP 37

No glare found

PV array 11: OP 38

No glare found

PV array 11: OP 39

No glare found

PV array 11: OP 40

No glare found

PV array 11: OP 41

No glare found

PV array 11: OP 42

No glare found

PV array 11: OP 43

No glare found

PV array 11: OP 44

No glare found

PV array 11: OP 45

No glare found

PV array 11: OP 46

No glare found

PV array 11: OP 47

No glare found

PV array 11: OP 48

No glare found

PV array 11: OP 49

No glare found

PV array 11: OP 50

No glare found

PV array 11: OP 51

No glare found

PV array 11: OP 52

No glare found

PV array 11: OP 53

No glare found

PV array 11: OP 54

No glare found

PV array 11: OP 55

No glare found

PV array 11: OP 56

No glare found

PV array 11: OP 57

No glare found

PV array 11: OP 58

No glare found

PV array 11: OP 59

No glare found

PV array 11: OP 60

No glare found

PV array 11: OP 61

No glare found

PV array 11: OP 62

No glare found

PV array 11: OP 63

No glare found

PV array 11: OP 64

No glare found

PV array 12 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0

OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	51	0
OP: OP 57	34	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

PV array 12: OP 1

No glare found

PV array 12: OP 2

No glare found

PV array 12: OP 3

No glare found

PV array 12: OP 4

No glare found

PV array 12: OP 5

No glare found

PV array 12: OP 6

No glare found

PV array 12: OP 7

No glare found

PV array 12: OP 8

No glare found

PV array 12: OP 9

No glare found

PV array 12: OP 10

No glare found

PV array 12: OP 11

No glare found

PV array 12: OP 12

No glare found

PV array 12: OP 13

No glare found

PV array 12: OP 14

No glare found

PV array 12: OP 15

No glare found

PV array 12: OP 16

No glare found

PV array 12: OP 17

No glare found

PV array 12: OP 18

No glare found

PV array 12: OP 19

No glare found

PV array 12: OP 20

No glare found

PV array 12: OP 21

No glare found

PV array 12: OP 22

No glare found

PV array 12: OP 23

No glare found

PV array 12: OP 24

No glare found

PV array 12: OP 25

No glare found

PV array 12: OP 26

No glare found

PV array 12: OP 27

No glare found

PV array 12: OP 28

No glare found

PV array 12: OP 29

No glare found

PV array 12: OP 30

No glare found

PV array 12: OP 31

No glare found

PV array 12: OP 32

No glare found

PV array 12: OP 33

No glare found

PV array 12: OP 34

No glare found

PV array 12: OP 35

No glare found

PV array 12: OP 36

No glare found

PV array 12: OP 37

No glare found

PV array 12: OP 38

No glare found

PV array 12: OP 39

No glare found

PV array 12: OP 40

No glare found

PV array 12: OP 41

No glare found

PV array 12: OP 42

No glare found

PV array 12: OP 43

No glare found

PV array 12: OP 44

No glare found

PV array 12: OP 45

No glare found

PV array 12: OP 46

No glare found

PV array 12: OP 47

No glare found

PV array 12: OP 48

No glare found

PV array 12: OP 49

No glare found

PV array 12: OP 50

No glare found

PV array 12: OP 51

No glare found

PV array 12: OP 52

No glare found

PV array 12: OP 53

No glare found

PV array 12: OP 54

No glare found

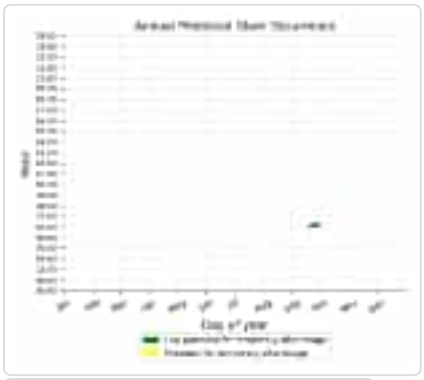
PV array 12: OP 55

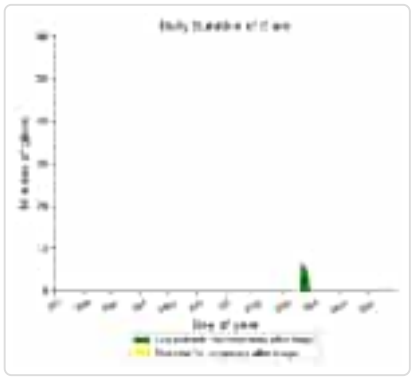
No glare found

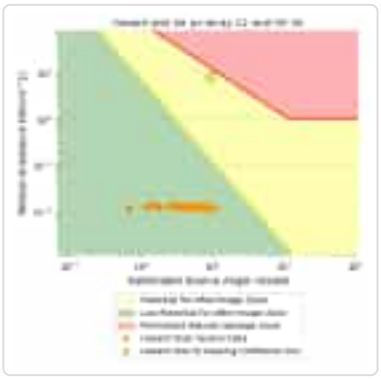
PV array 12: OP 56

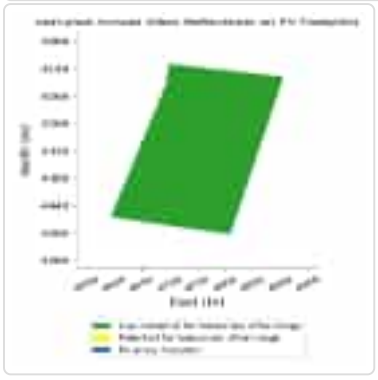
PV array is expected to produce the following glare for this receptor:

- 51 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





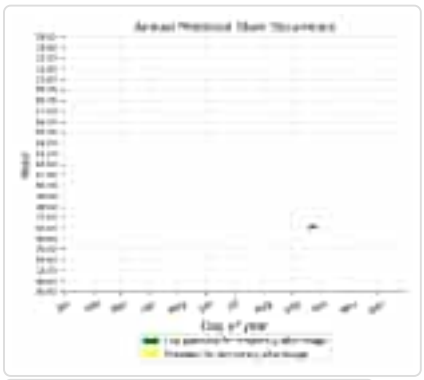


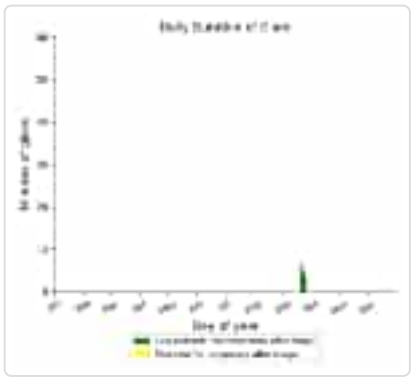


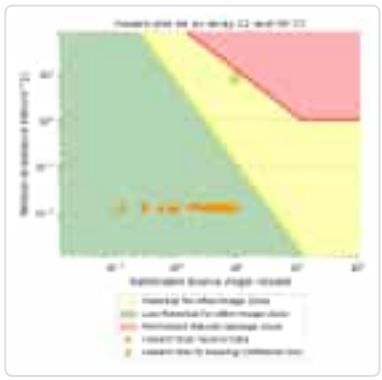
PV array 12: OP 57

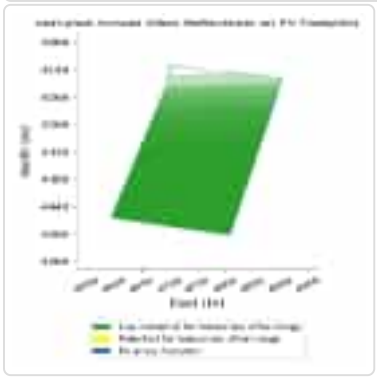
PV array is expected to produce the following glare for this receptor:

- 34 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12: OP 58

No glare found

PV array 12: OP 59

No glare found

PV array 12: OP 60

No glare found

PV array 12: OP 61

No glare found

PV array 12: OP 62

No glare found

PV array 12: OP 63

No glare found

PV array 12: OP 64

No glare found

PV array 13 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0

OP: OP 3	106	0
OP: OP 4	437	0
OP: OP 5	520	93
OP: OP 6	581	61
OP: OP 7	573	150
OP: OP 8	401	399
OP: OP 9	466	221
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	26	0
OP: OP 24	397	26
OP: OP 25	437	174
OP: OP 26	488	266
OP: OP 27	395	426
OP: OP 28	476	929
OP: OP 29	6699	4091
OP: OP 30	9274	4152
OP: OP 31	9481	4088
OP: OP 32	12680	3009
OP: OP 33	810	1161
OP: OP 34	275	77
OP: OP 35	576	369
OP: OP 36	595	475
OP: OP 37	493	549
OP: OP 38	415	629
OP: OP 39	358	476
OP: OP 40	614	42
OP: OP 41	619	22
OP: OP 42	586	24
OP: OP 43	0	0
OP: OP 44	413	0
OP: OP 45	519	238
OP: OP 46	289	473
OP: OP 47	370	511
OP: OP 48	444	429
OP: OP 49	542	114
OP: OP 50	487	151
OP: OP 51	596	12
OP: OP 52	489	0
OP: OP 53	482	0
OP: OP 54	402	0
OP: OP 55	239	0
OP: OP 56	0	0

OP: OP 57	340	0
OP: OP 58	542	31
OP: OP 59	684	167
OP: OP 60	433	509
OP: OP 61	534	544
OP: OP 62	398	676
OP: OP 63	402	863
OP: OP 64	550	717

PV array 13: OP 1

No glare found

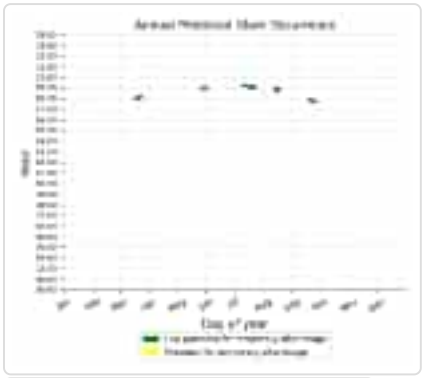
PV array 13: OP 2

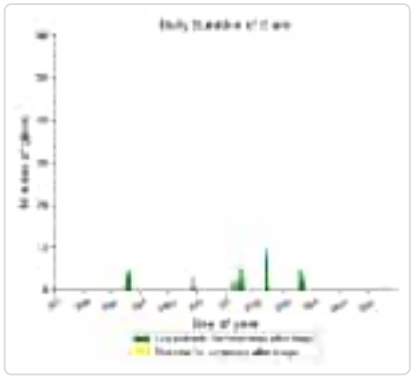
No glare found

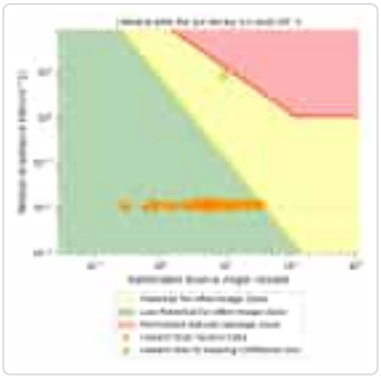
PV array 13: OP 3

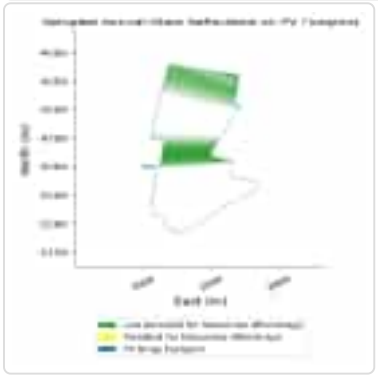
PV array is expected to produce the following glare for this receptor:

- 106 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





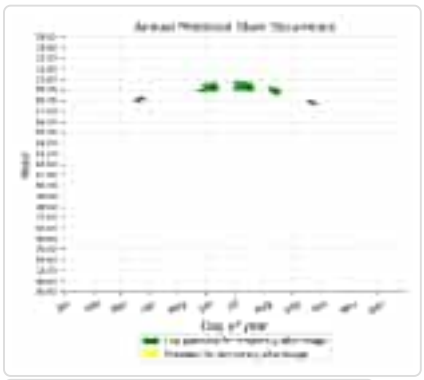


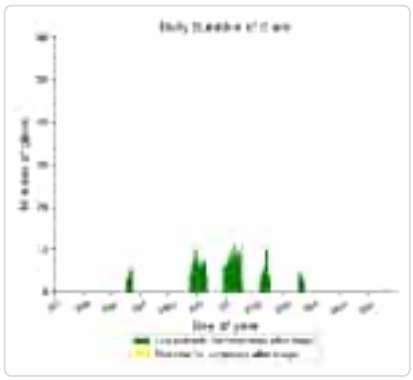


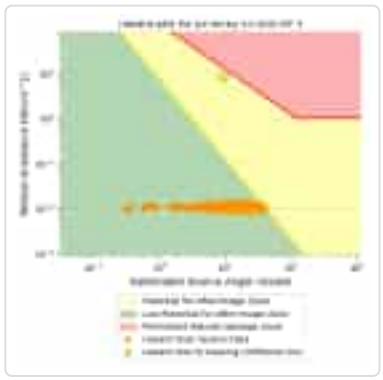
PV array 13: OP 4

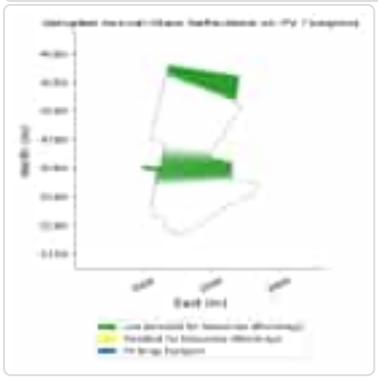
PV array is expected to produce the following glare for this receptor:

- 437 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





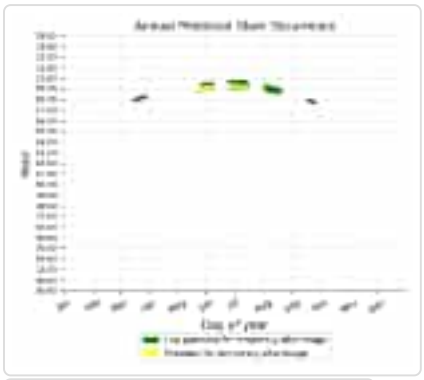


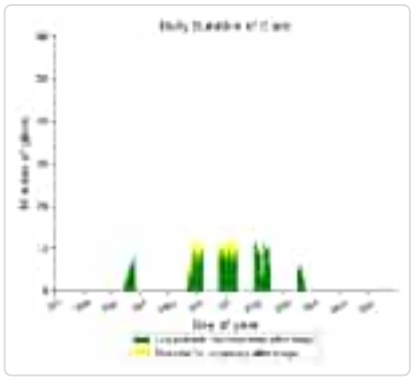


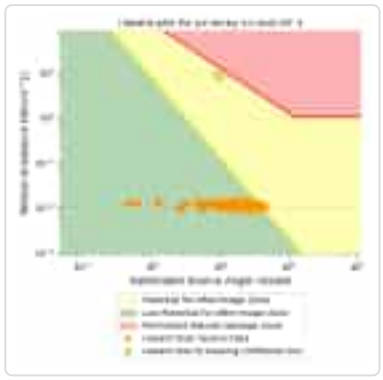
PV array 13: OP 5

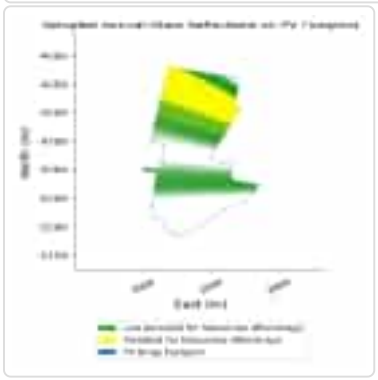
PV array is expected to produce the following glare for this receptor:

- 520 minutes of "green" glare with low potential to cause temporary after-image.
- 93 minutes of "yellow" glare with potential to cause temporary after-image.





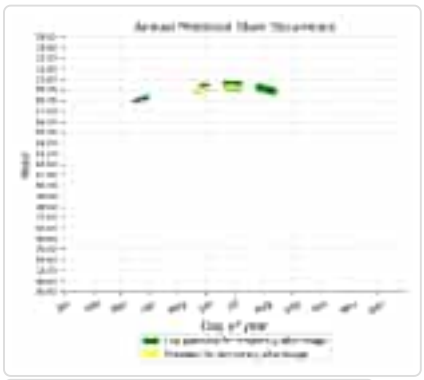


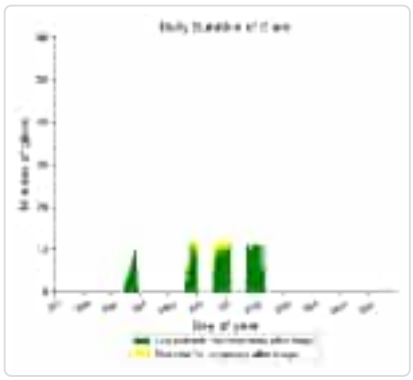


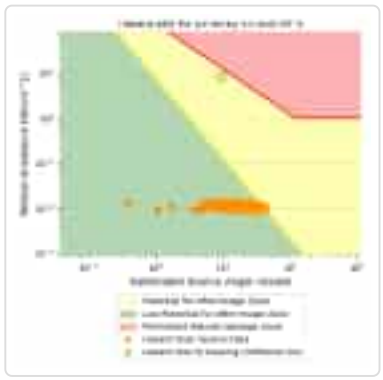
PV array 13: OP 6

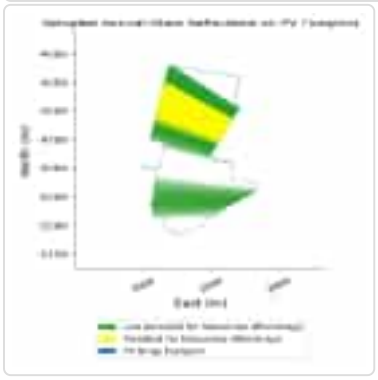
PV array is expected to produce the following glare for this receptor:

- 581 minutes of "green" glare with low potential to cause temporary after-image.
- 61 minutes of "yellow" glare with potential to cause temporary after-image.





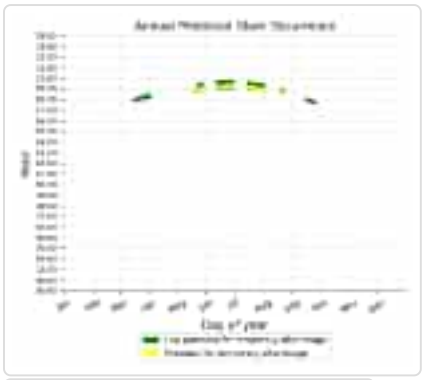


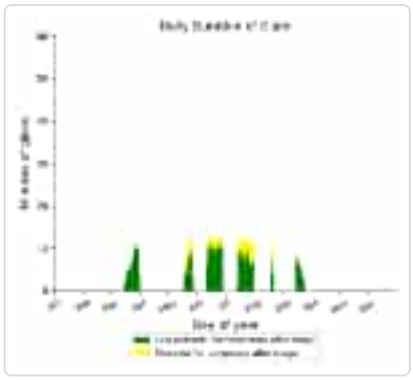


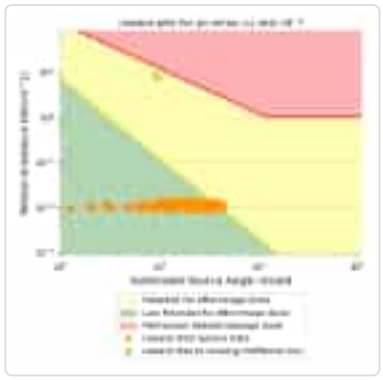
PV array 13: OP 7

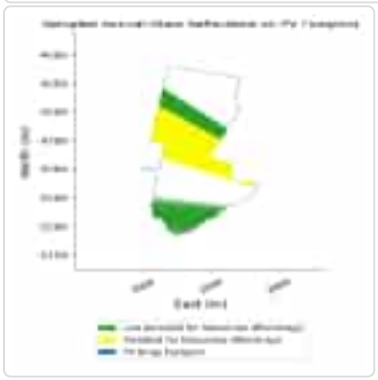
PV array is expected to produce the following glare for this receptor:

- 573 minutes of "green" glare with low potential to cause temporary after-image.
- 150 minutes of "yellow" glare with potential to cause temporary after-image.





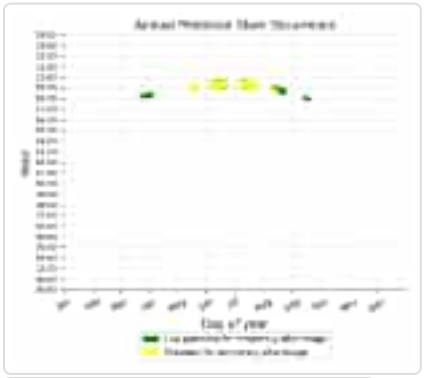


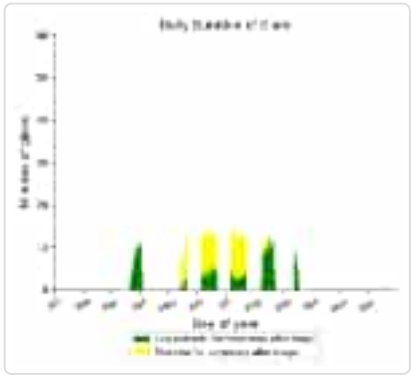


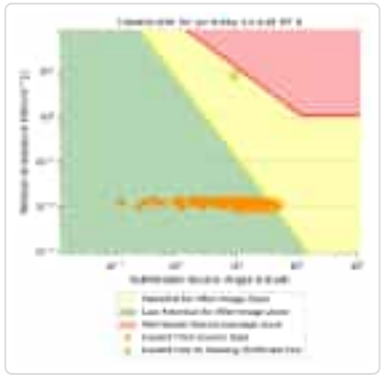
PV array 13: OP 8

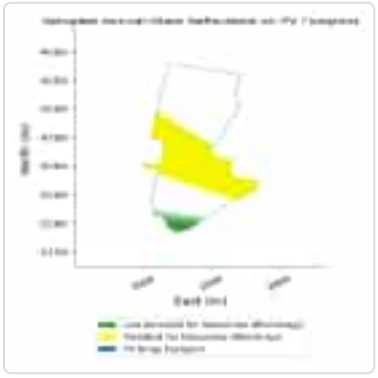
PV array is expected to produce the following glare for this receptor:

- 401 minutes of "green" glare with low potential to cause temporary after-image.
- 399 minutes of "yellow" glare with potential to cause temporary after-image.





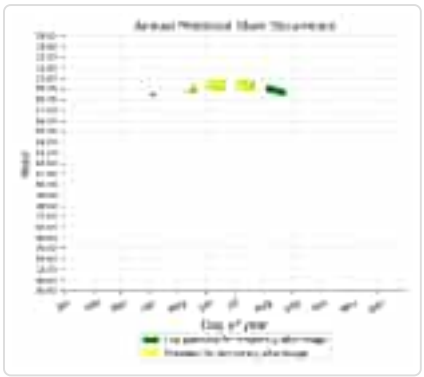


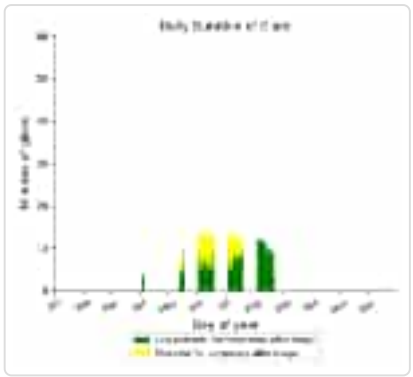


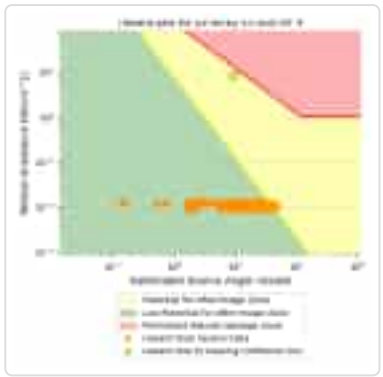
PV array 13: OP 9

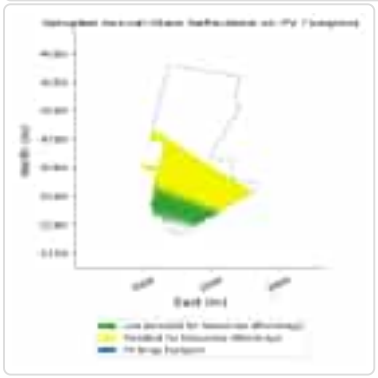
PV array is expected to produce the following glare for this receptor:

- 466 minutes of "green" glare with low potential to cause temporary after-image.
- 221 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 13: OP 10

No glare found

PV array 13: OP 11

No glare found

PV array 13: OP 12

No glare found

PV array 13: OP 13

No glare found

PV array 13: OP 14

No glare found

PV array 13: OP 15

No glare found

PV array 13: OP 16

No glare found

PV array 13: OP 17

No glare found

PV array 13: OP 18

No glare found

PV array 13: OP 19

No glare found

PV array 13: OP 20

No glare found

PV array 13: OP 21

No glare found

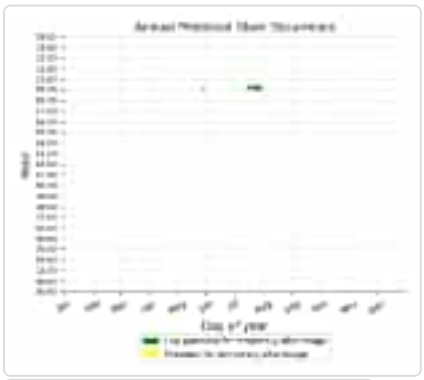
PV array 13: OP 22

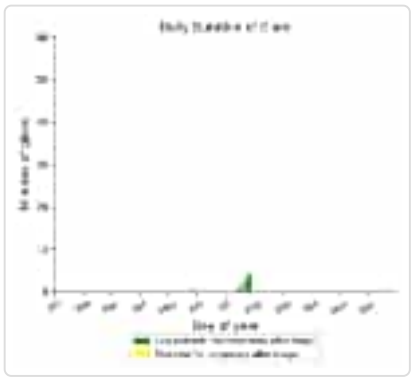
No glare found

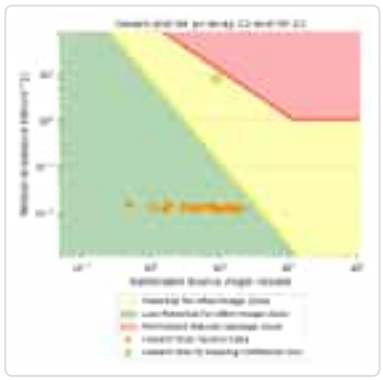
PV array 13: OP 23

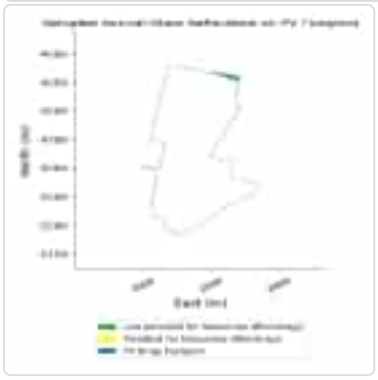
PV array is expected to produce the following glare for this receptor:

- 26 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





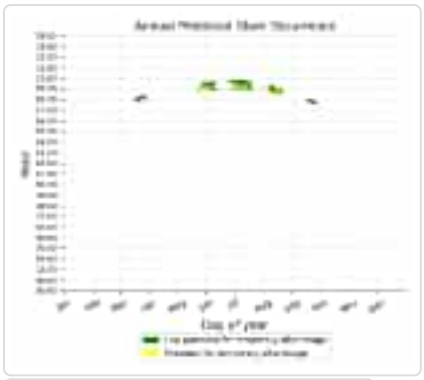


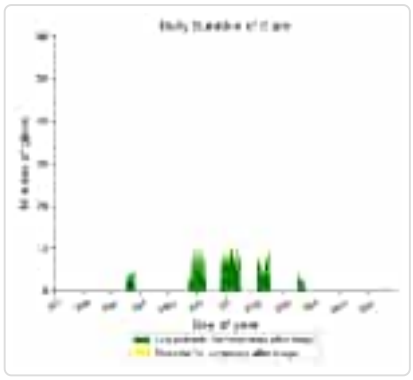


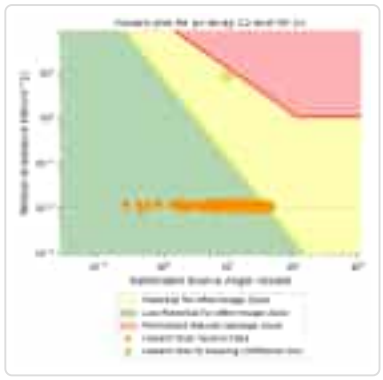
PV array 13: OP 24

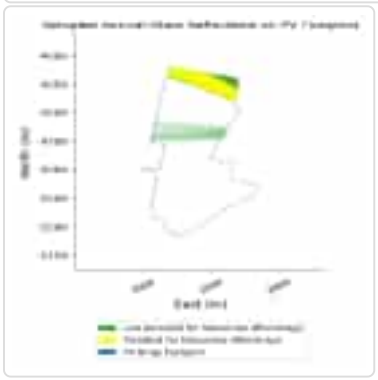
PV array is expected to produce the following glare for this receptor:

- 397 minutes of "green" glare with low potential to cause temporary after-image.
- 26 minutes of "yellow" glare with potential to cause temporary after-image.





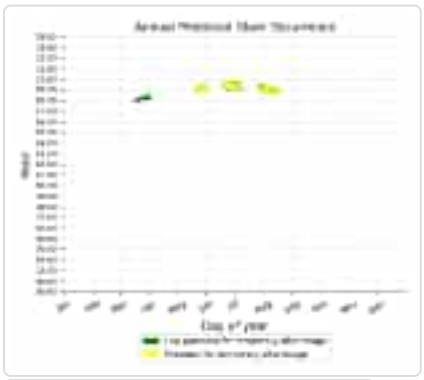


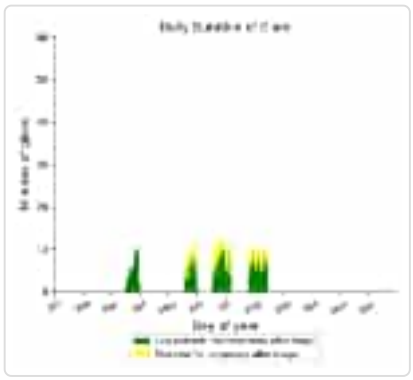


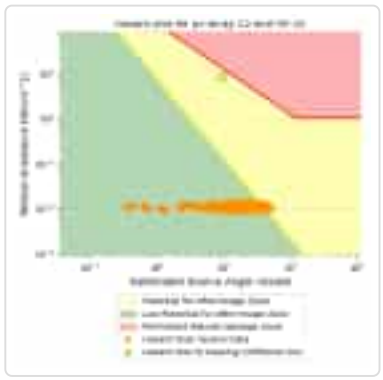
PV array 13: OP 25

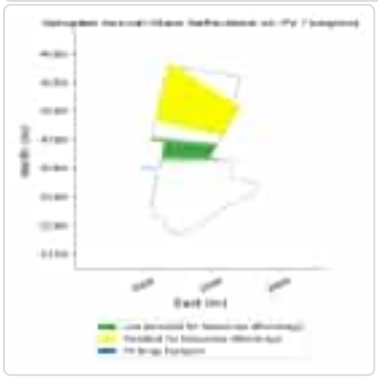
PV array is expected to produce the following glare for this receptor:

- 437 minutes of "green" glare with low potential to cause temporary after-image.
- 174 minutes of "yellow" glare with potential to cause temporary after-image.





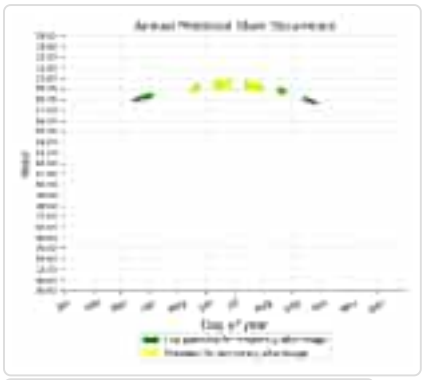


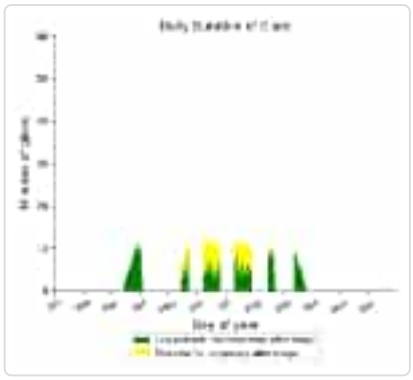


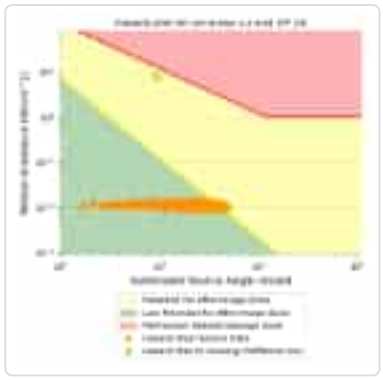
PV array 13: OP 26

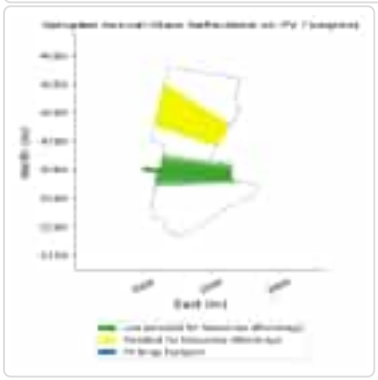
PV array is expected to produce the following glare for this receptor:

- 488 minutes of "green" glare with low potential to cause temporary after-image.
- 266 minutes of "yellow" glare with potential to cause temporary after-image.





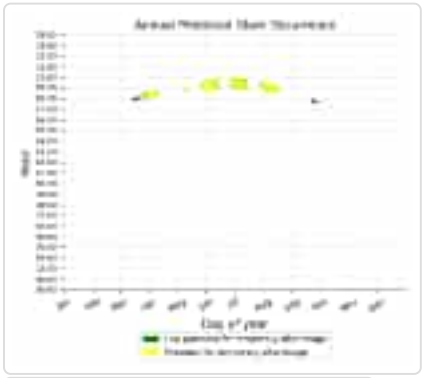


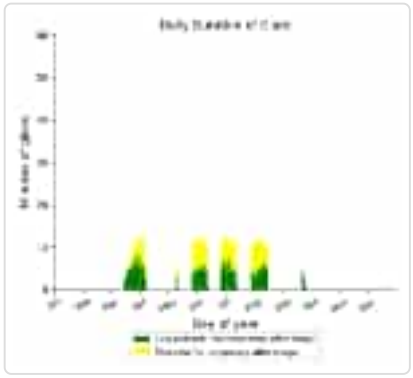


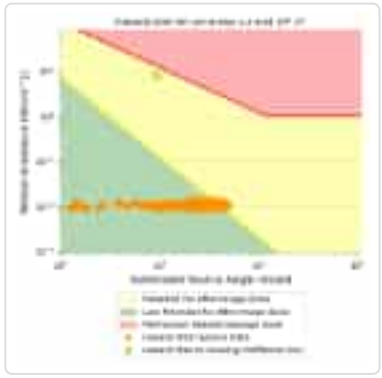
PV array 13: OP 27

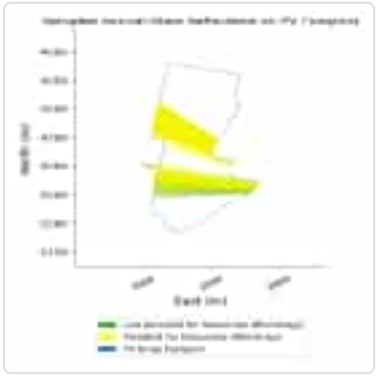
PV array is expected to produce the following glare for this receptor:

- 395 minutes of "green" glare with low potential to cause temporary after-image.
- 426 minutes of "yellow" glare with potential to cause temporary after-image.





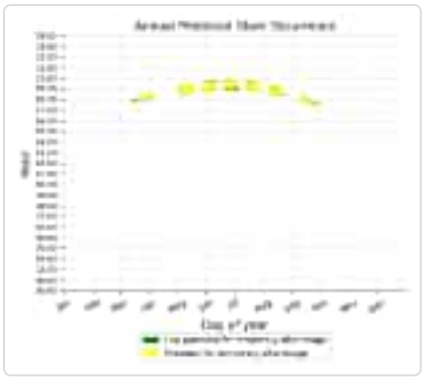


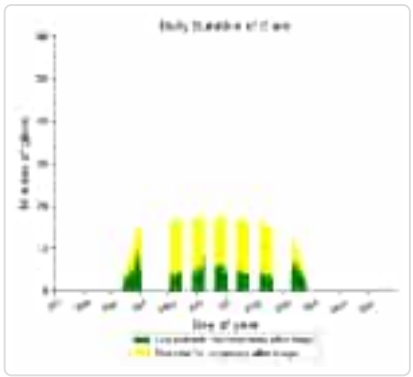


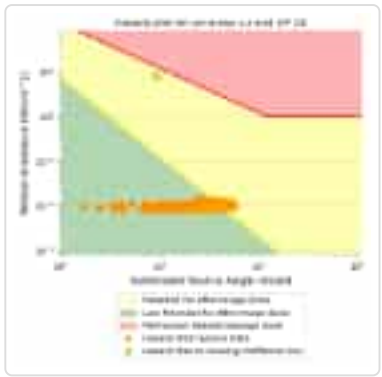
PV array 13: OP 28

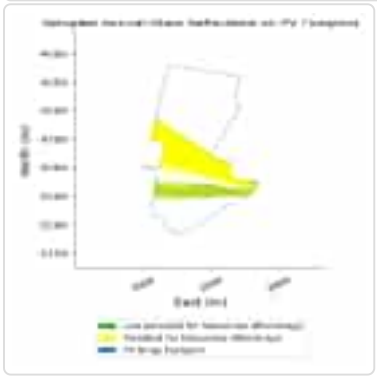
PV array is expected to produce the following glare for this receptor:

- 476 minutes of "green" glare with low potential to cause temporary after-image.
- 929 minutes of "yellow" glare with potential to cause temporary after-image.





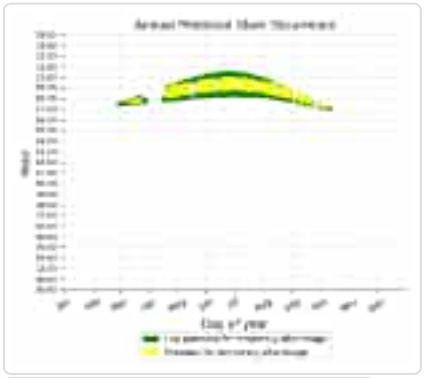


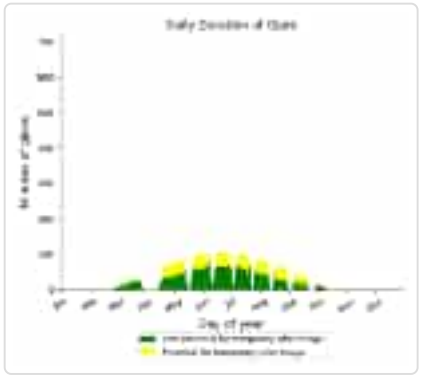


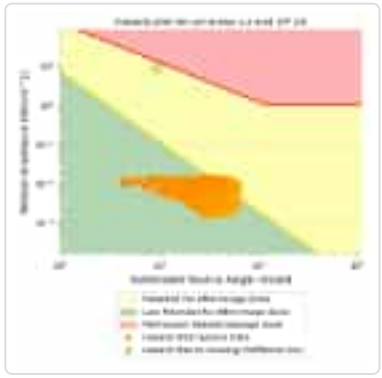
PV array 13: OP 29

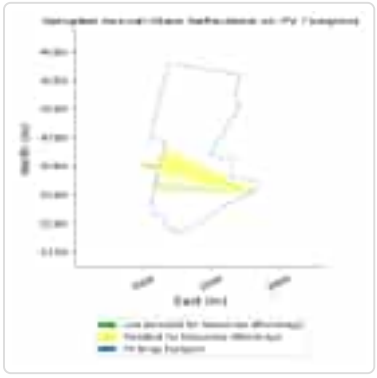
PV array is expected to produce the following glare for this receptor:

- 6,699 minutes of "green" glare with low potential to cause temporary after-image.
- 4,091 minutes of "yellow" glare with potential to cause temporary after-image.





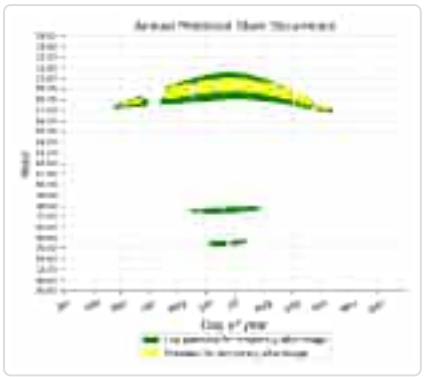


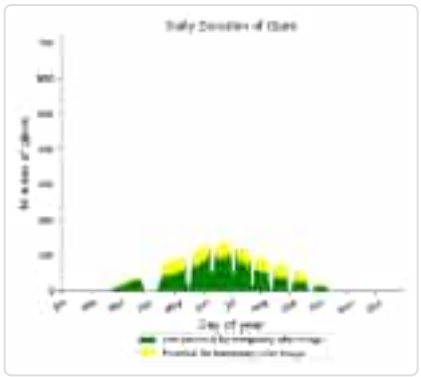


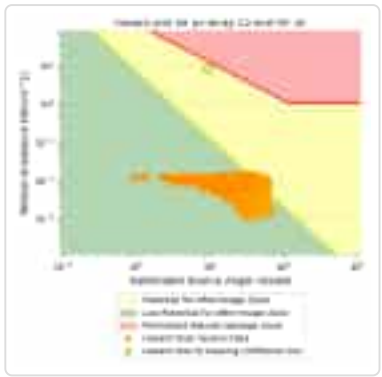
PV array 13: OP 30

PV array is expected to produce the following glare for this receptor:

- 9,274 minutes of "green" glare with low potential to cause temporary after-image.
- 4,152 minutes of "yellow" glare with potential to cause temporary after-image.



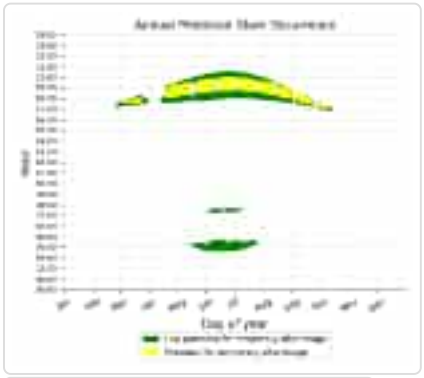


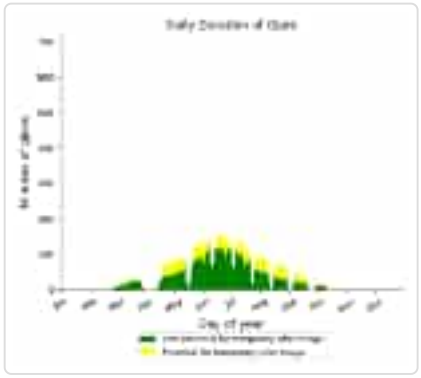


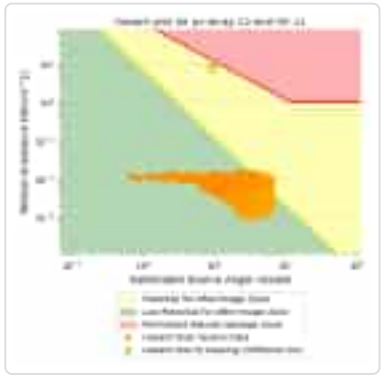
PV array 13: OP 31

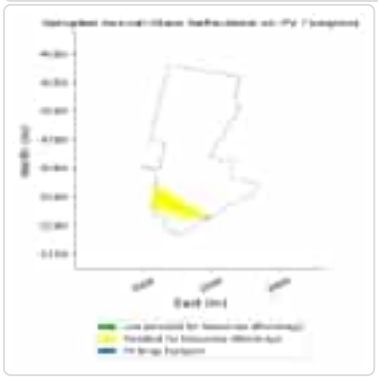
PV array is expected to produce the following glare for this receptor:

- 9,481 minutes of "green" glare with low potential to cause temporary after-image.
- 4,088 minutes of "yellow" glare with potential to cause temporary after-image.





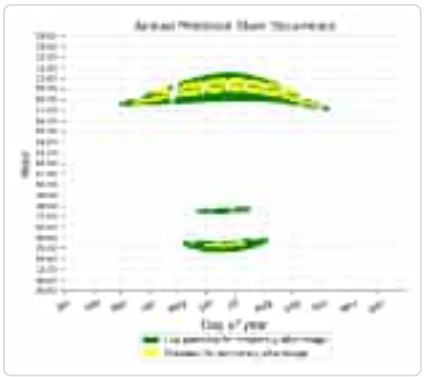


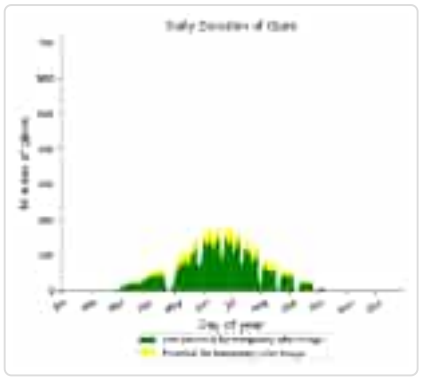


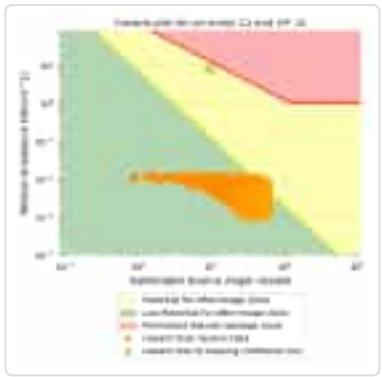
PV array 13: OP 32

PV array is expected to produce the following glare for this receptor:

- 12,680 minutes of "green" glare with low potential to cause temporary after-image.
- 3,009 minutes of "yellow" glare with potential to cause temporary after-image.



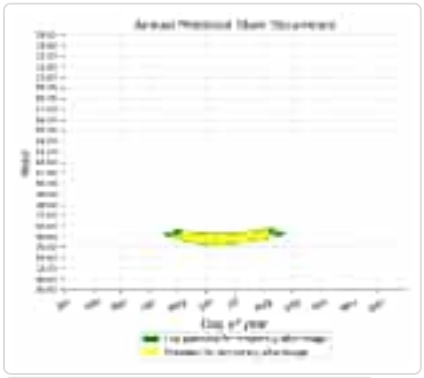


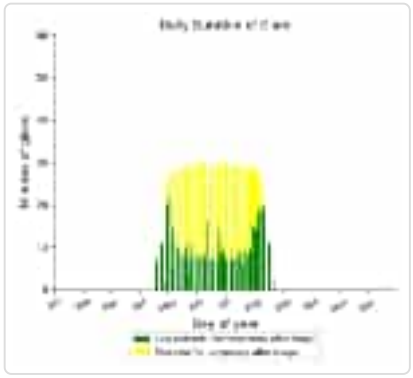


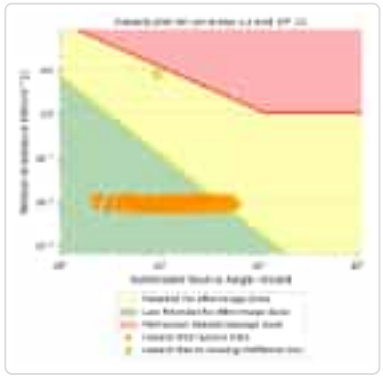
PV array 13: OP 33

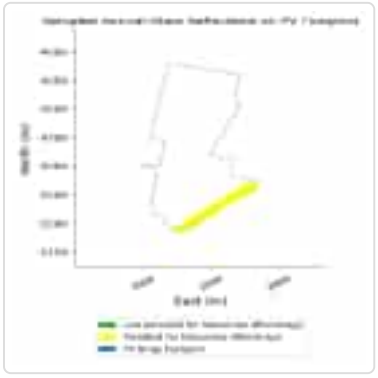
PV array is expected to produce the following glare for this receptor:

- 810 minutes of "green" glare with low potential to cause temporary after-image.
- 1,161 minutes of "yellow" glare with potential to cause temporary after-image.





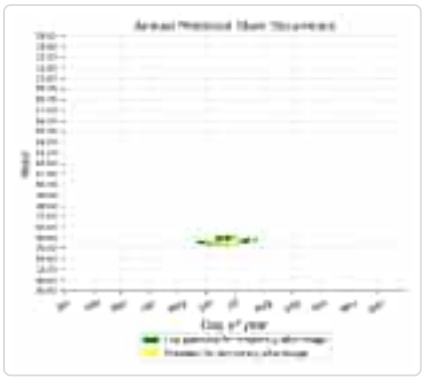


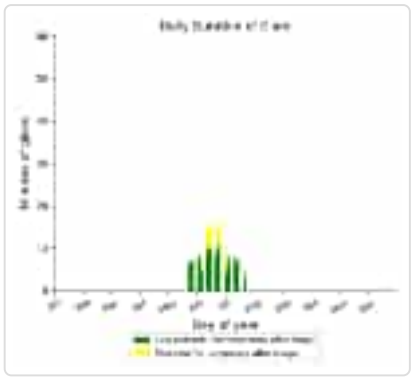


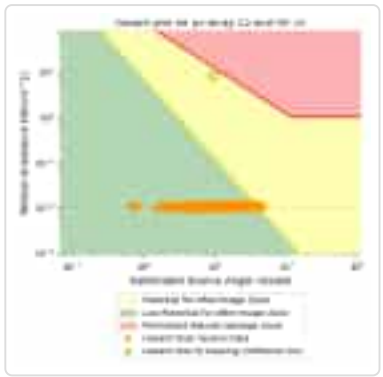
PV array 13: OP 34

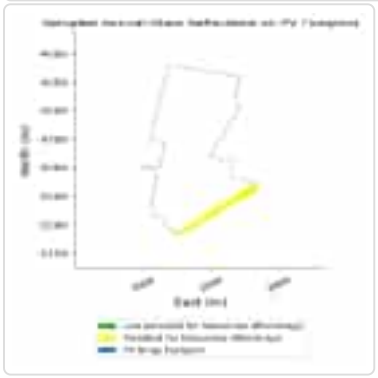
PV array is expected to produce the following glare for this receptor:

- 275 minutes of "green" glare with low potential to cause temporary after-image.
- 77 minutes of "yellow" glare with potential to cause temporary after-image.





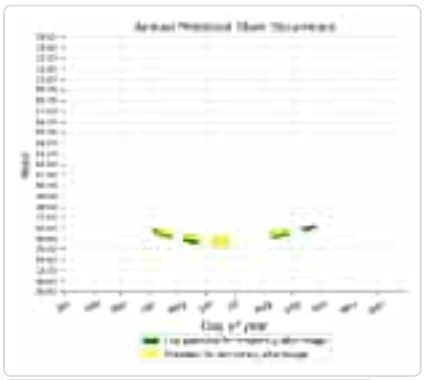


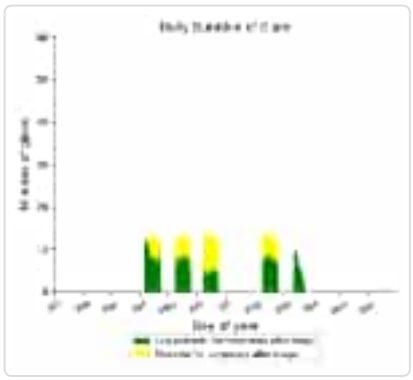


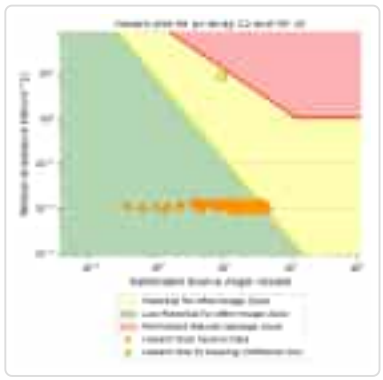
PV array 13: OP 35

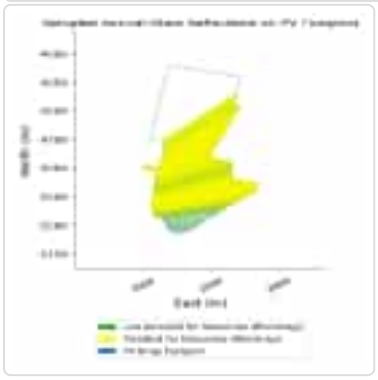
PV array is expected to produce the following glare for this receptor:

- 576 minutes of "green" glare with low potential to cause temporary after-image.
- 369 minutes of "yellow" glare with potential to cause temporary after-image.





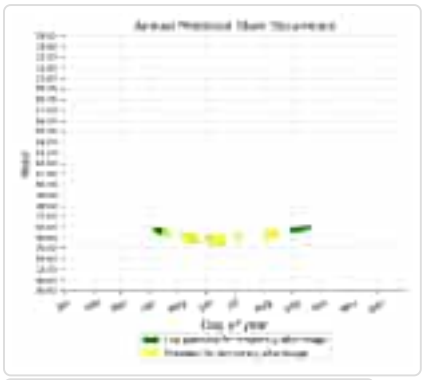


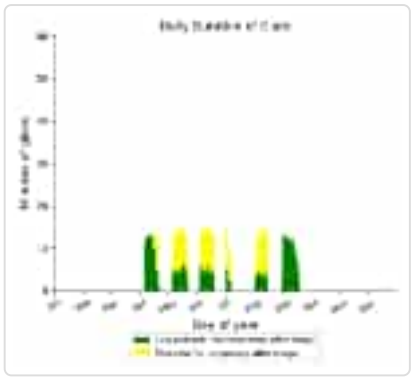


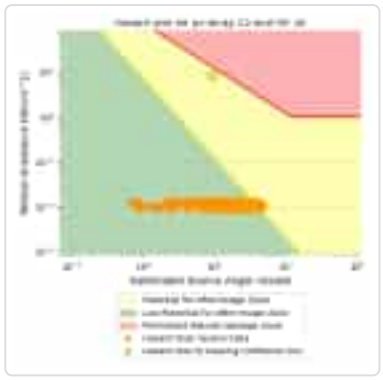
PV array 13: OP 36

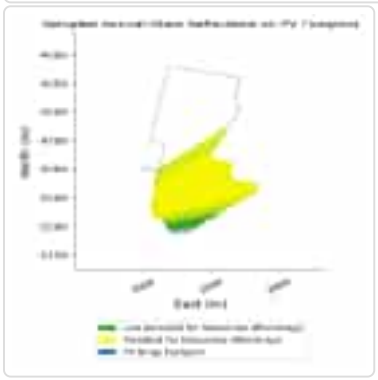
PV array is expected to produce the following glare for this receptor:

- 595 minutes of "green" glare with low potential to cause temporary after-image.
- 475 minutes of "yellow" glare with potential to cause temporary after-image.





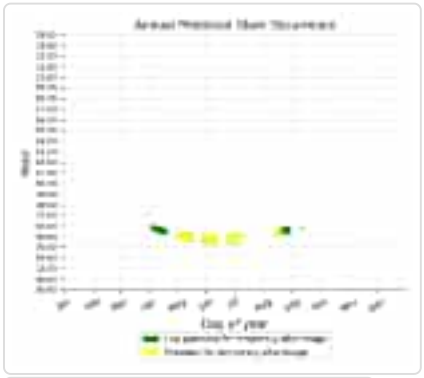


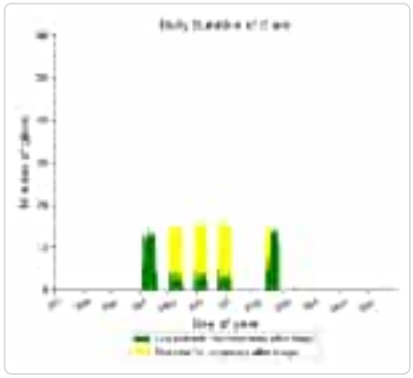


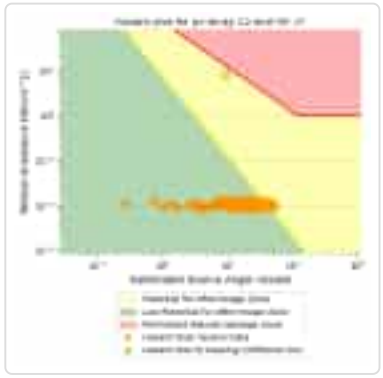
PV array 13: OP 37

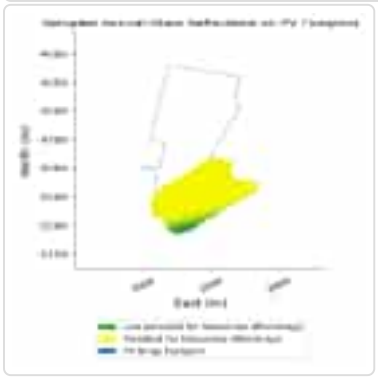
PV array is expected to produce the following glare for this receptor:

- 493 minutes of "green" glare with low potential to cause temporary after-image.
- 549 minutes of "yellow" glare with potential to cause temporary after-image.





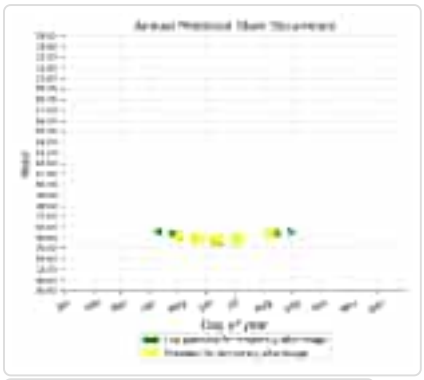


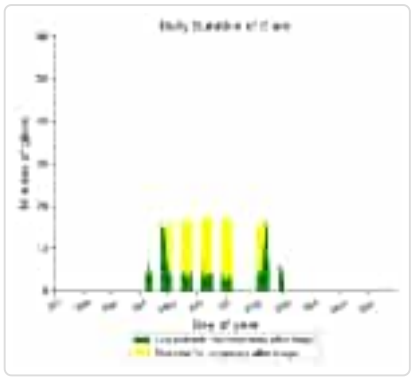


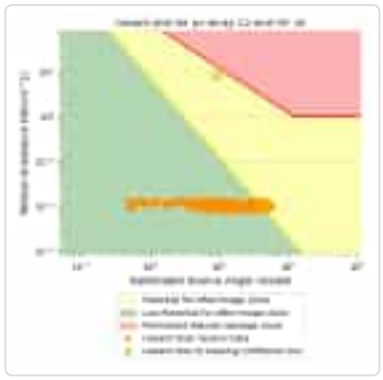
PV array 13: OP 38

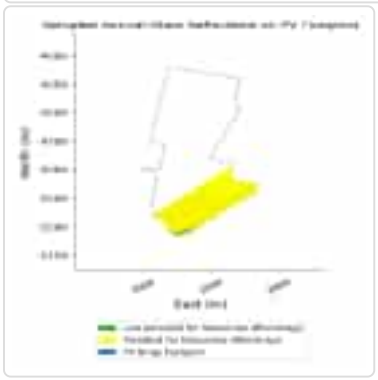
PV array is expected to produce the following glare for this receptor:

- 415 minutes of "green" glare with low potential to cause temporary after-image.
- 629 minutes of "yellow" glare with potential to cause temporary after-image.





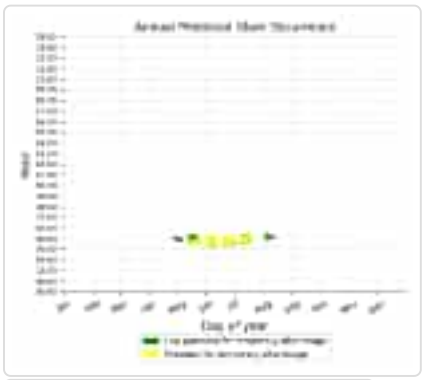


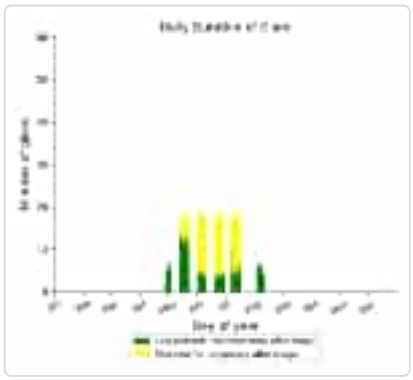


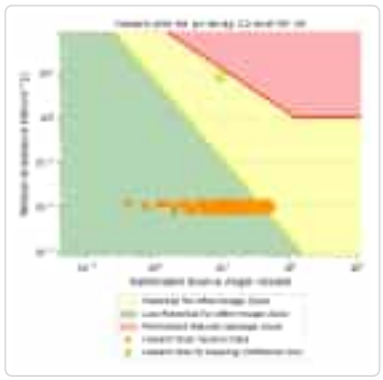
PV array 13: OP 39

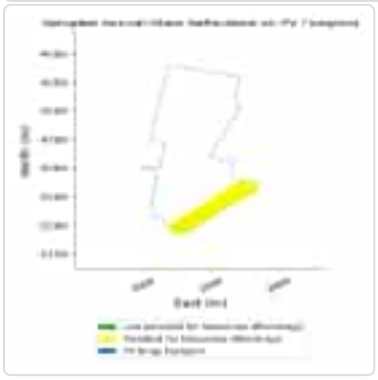
PV array is expected to produce the following glare for this receptor:

- 358 minutes of "green" glare with low potential to cause temporary after-image.
- 476 minutes of "yellow" glare with potential to cause temporary after-image.





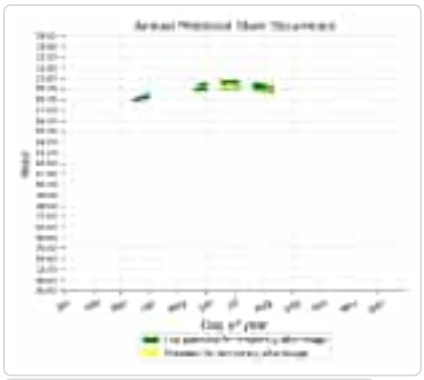


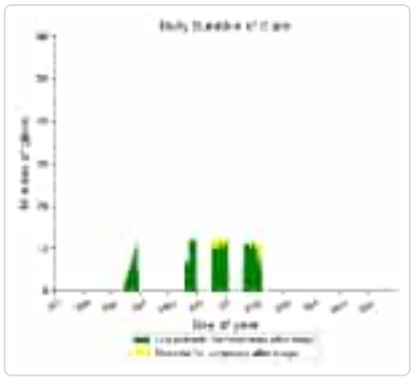


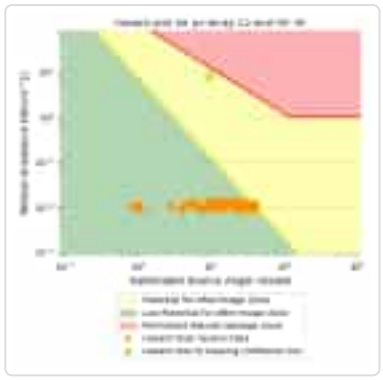
PV array 13: OP 40

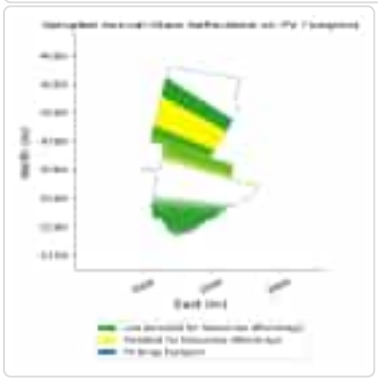
PV array is expected to produce the following glare for this receptor:

- 614 minutes of "green" glare with low potential to cause temporary after-image.
- 42 minutes of "yellow" glare with potential to cause temporary after-image.





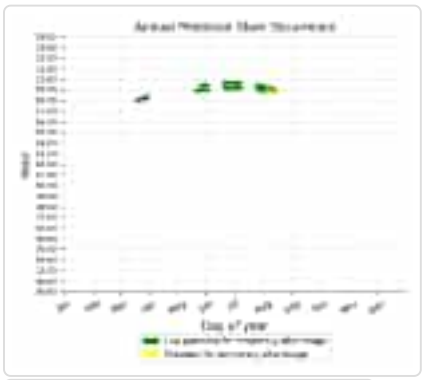


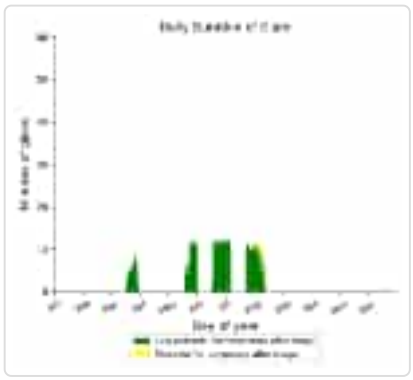


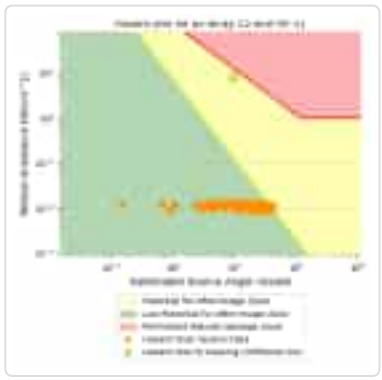
PV array 13: OP 41

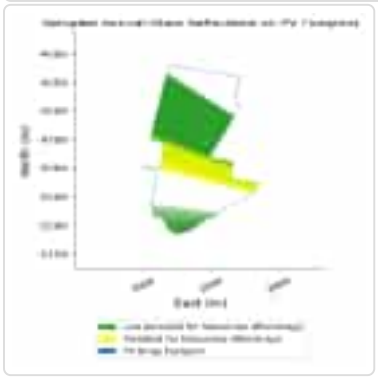
PV array is expected to produce the following glare for this receptor:

- 619 minutes of "green" glare with low potential to cause temporary after-image.
- 22 minutes of "yellow" glare with potential to cause temporary after-image.





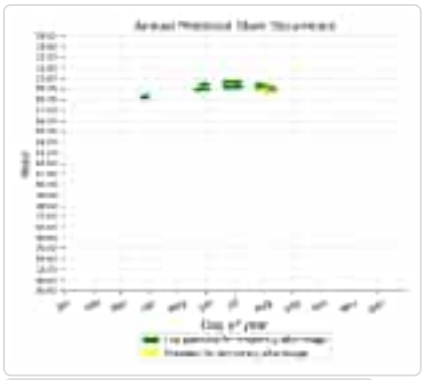


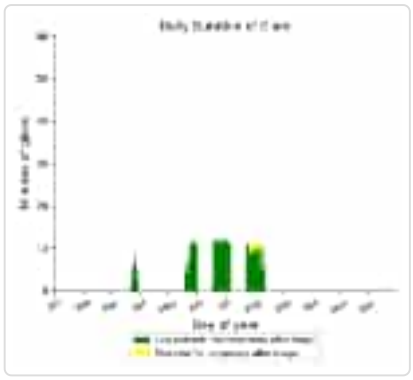


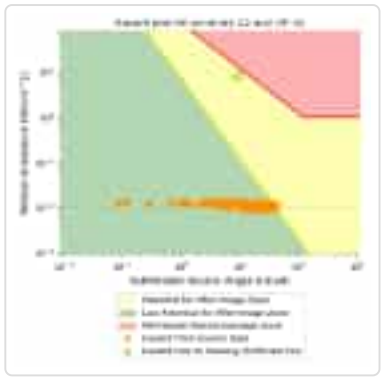
PV array 13: OP 42

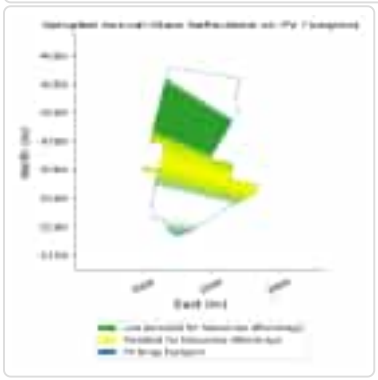
PV array is expected to produce the following glare for this receptor:

- 586 minutes of "green" glare with low potential to cause temporary after-image.
- 24 minutes of "yellow" glare with potential to cause temporary after-image.









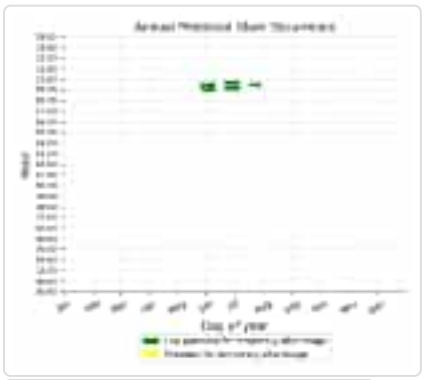
PV array 13: OP 43

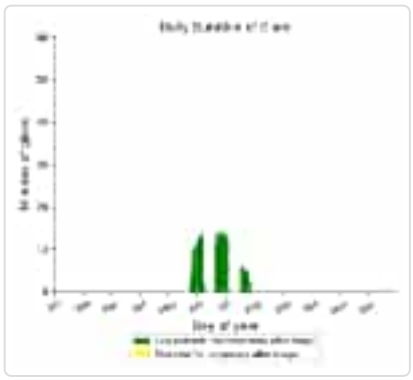
No glare found

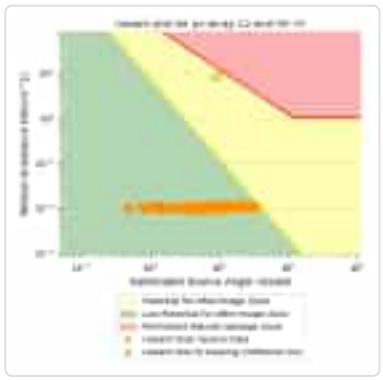
PV array 13: OP 44

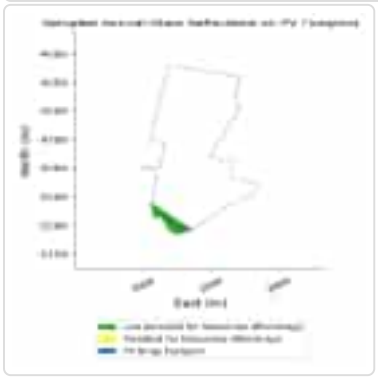
PV array is expected to produce the following glare for this receptor:

- 413 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





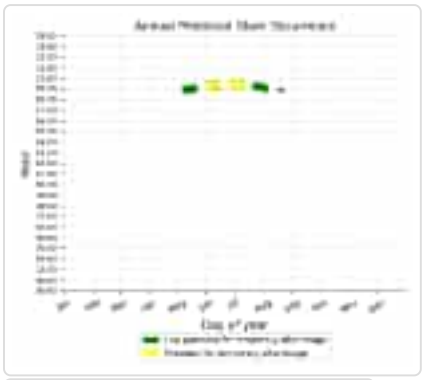


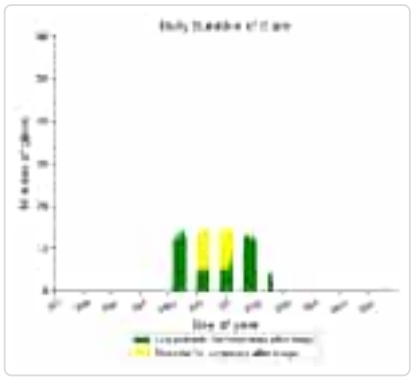


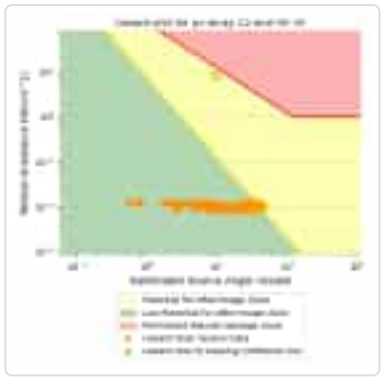
PV array 13: OP 45

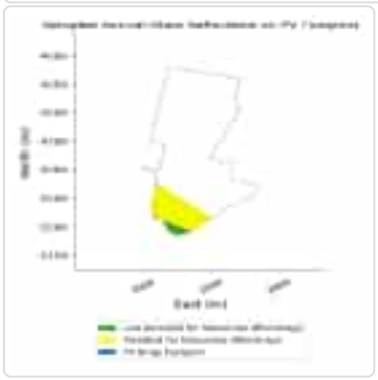
PV array is expected to produce the following glare for this receptor:

- 519 minutes of "green" glare with low potential to cause temporary after-image.
- 238 minutes of "yellow" glare with potential to cause temporary after-image.





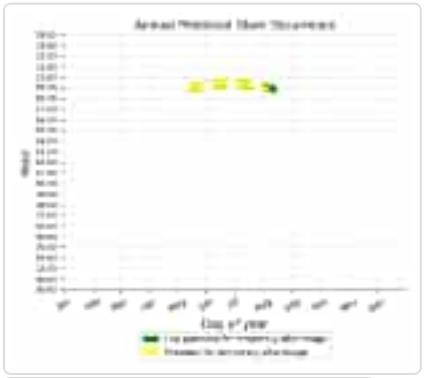


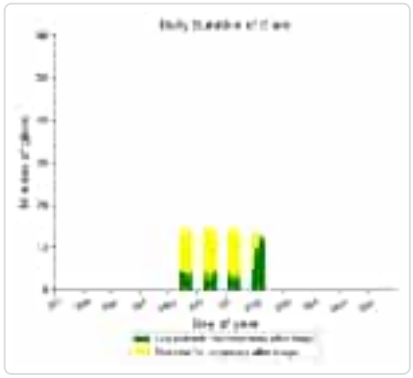


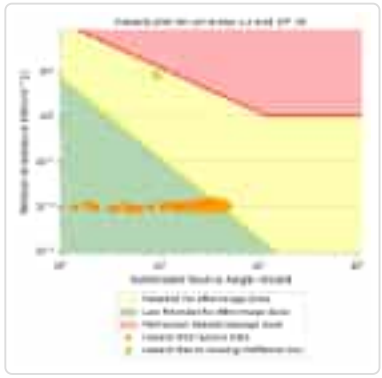
PV array 13: OP 46

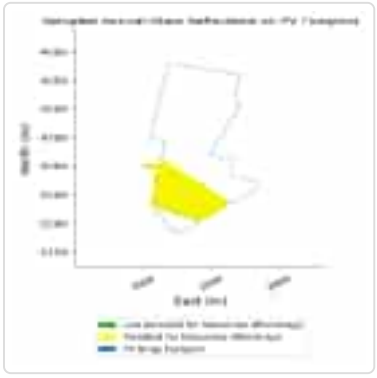
PV array is expected to produce the following glare for this receptor:

- 289 minutes of "green" glare with low potential to cause temporary after-image.
- 473 minutes of "yellow" glare with potential to cause temporary after-image.





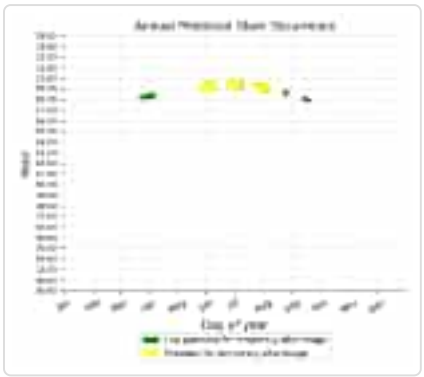


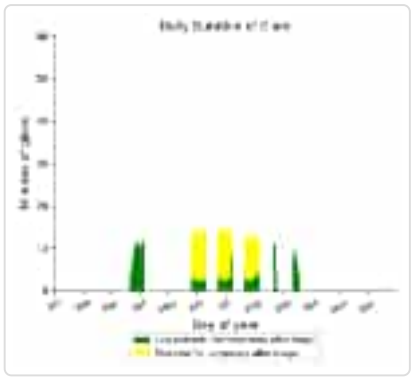


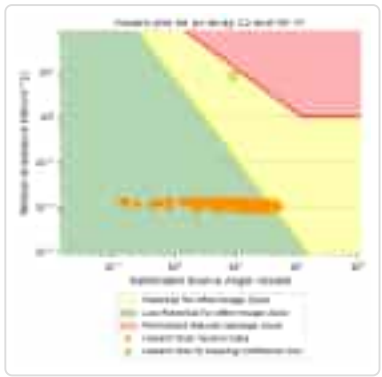
PV array 13: OP 47

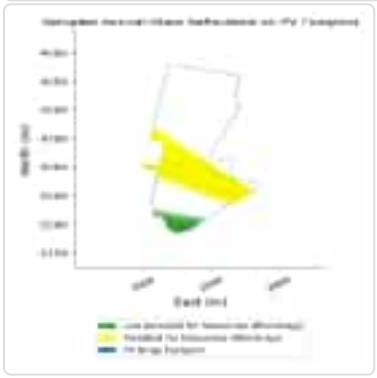
PV array is expected to produce the following glare for this receptor:

- 370 minutes of "green" glare with low potential to cause temporary after-image.
- 511 minutes of "yellow" glare with potential to cause temporary after-image.





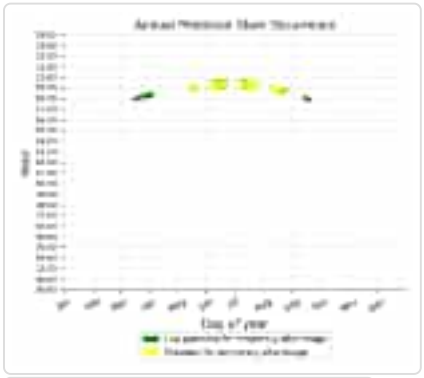


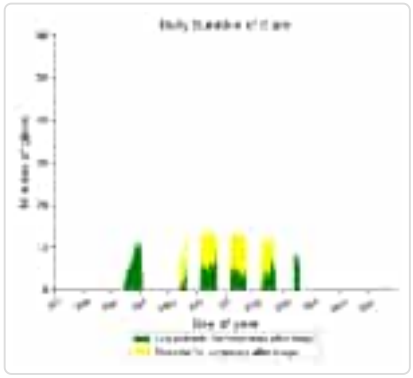


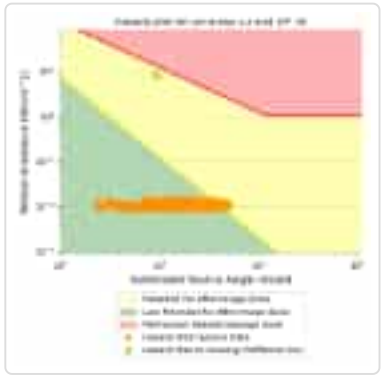
PV array 13: OP 48

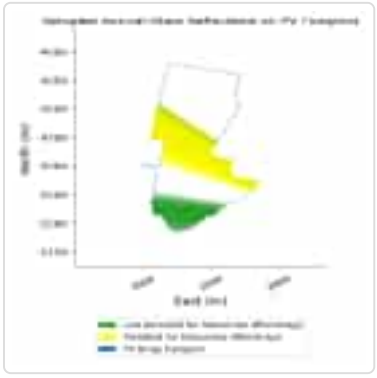
PV array is expected to produce the following glare for this receptor:

- 444 minutes of "green" glare with low potential to cause temporary after-image.
- 429 minutes of "yellow" glare with potential to cause temporary after-image.





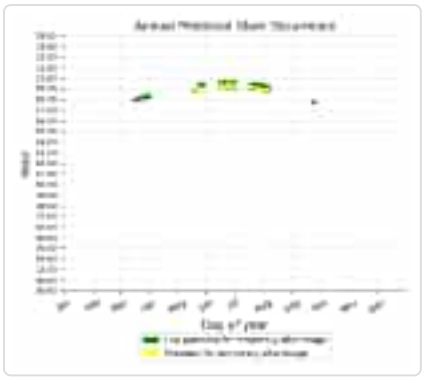


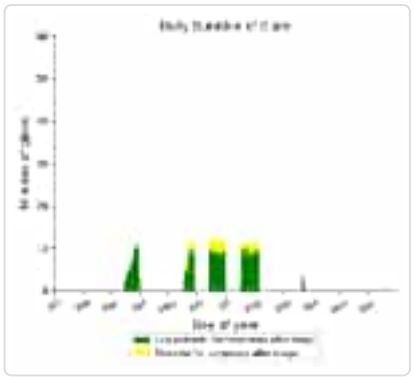


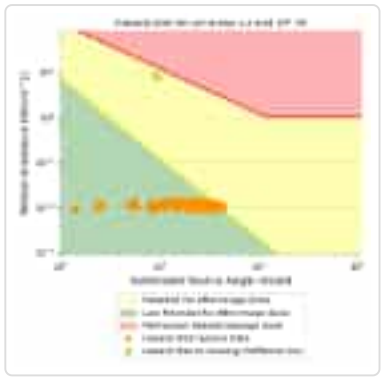
PV array 13: OP 49

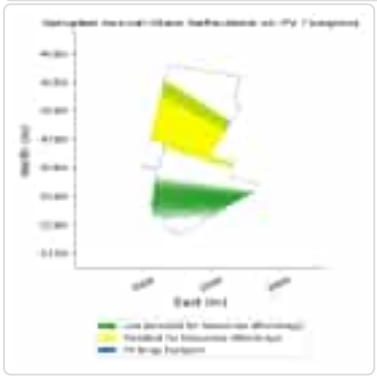
PV array is expected to produce the following glare for this receptor:

- 542 minutes of "green" glare with low potential to cause temporary after-image.
- 114 minutes of "yellow" glare with potential to cause temporary after-image.





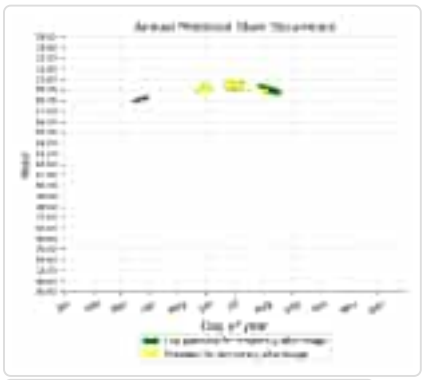


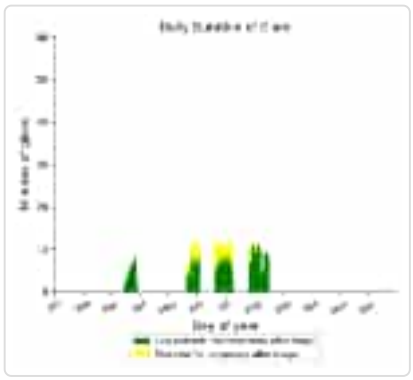


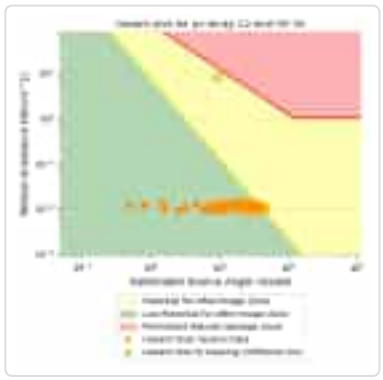
PV array 13: OP 50

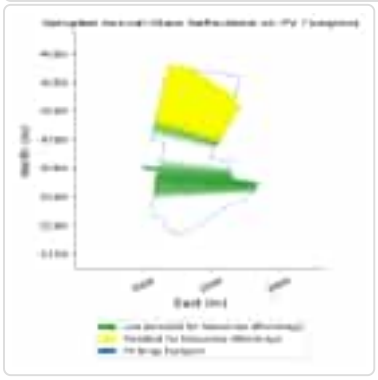
PV array is expected to produce the following glare for this receptor:

- 487 minutes of "green" glare with low potential to cause temporary after-image.
- 151 minutes of "yellow" glare with potential to cause temporary after-image.





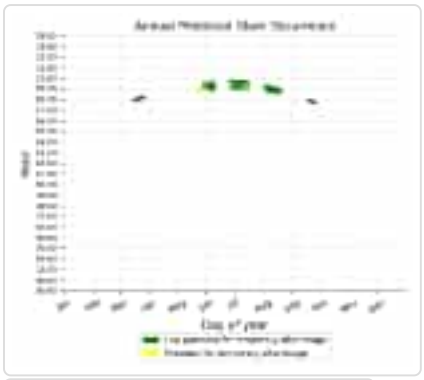


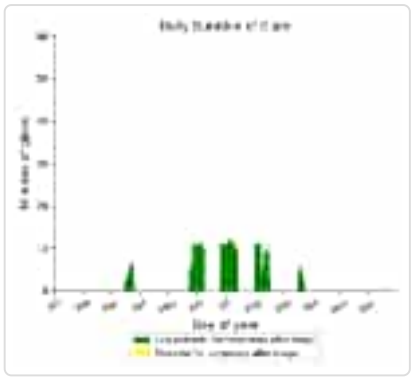


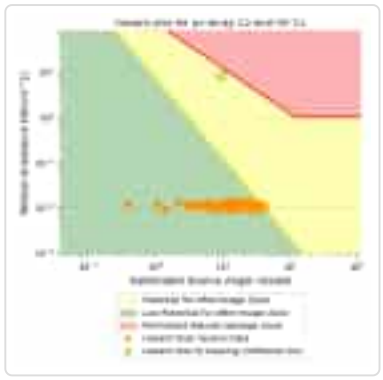
PV array 13: OP 51

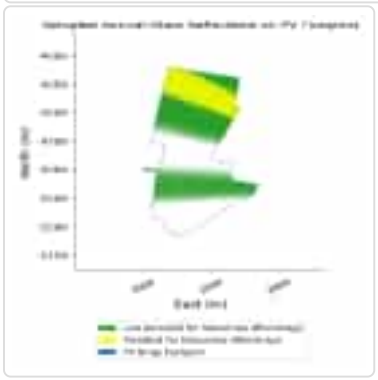
PV array is expected to produce the following glare for this receptor:

- 596 minutes of "green" glare with low potential to cause temporary after-image.
- 12 minutes of "yellow" glare with potential to cause temporary after-image.





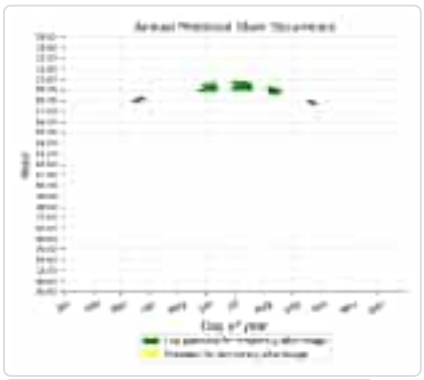


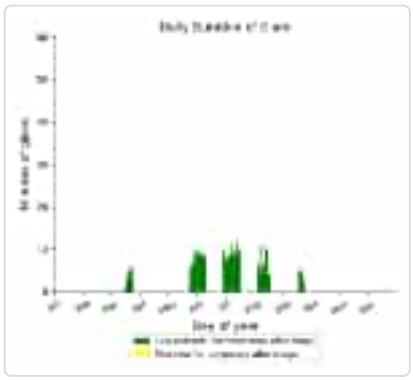


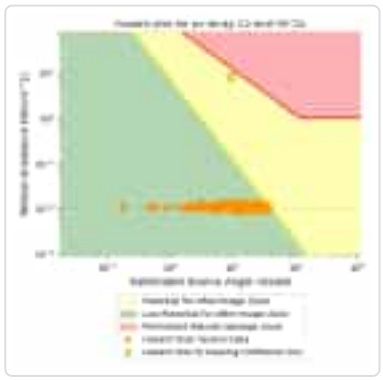
PV array 13: OP 52

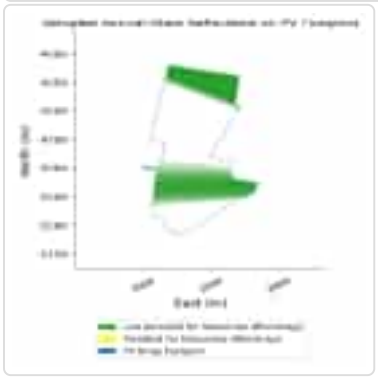
PV array is expected to produce the following glare for this receptor:

- 489 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





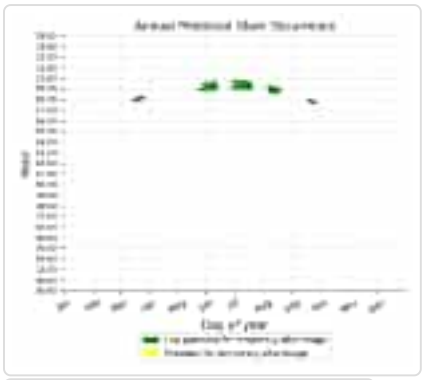


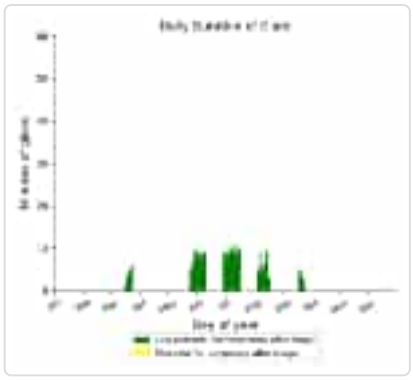


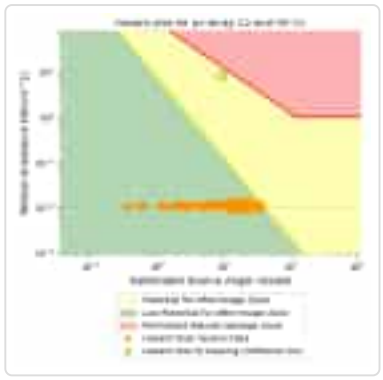
PV array 13: OP 53

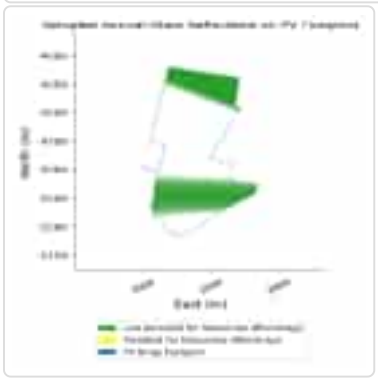
PV array is expected to produce the following glare for this receptor:

- 482 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





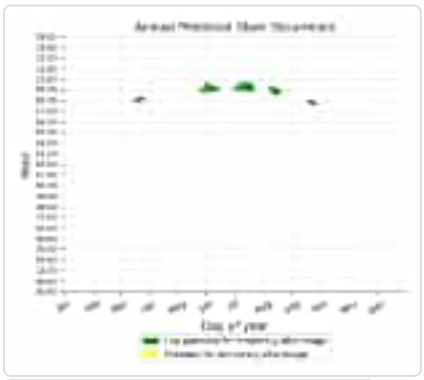


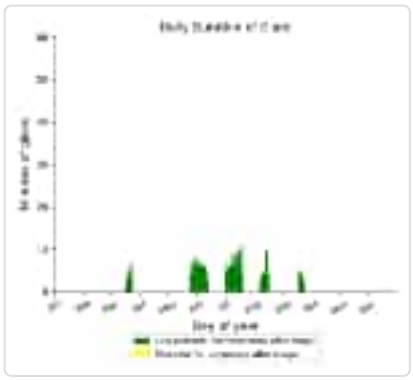


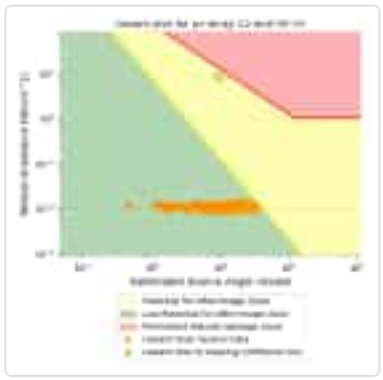
PV array 13: OP 54

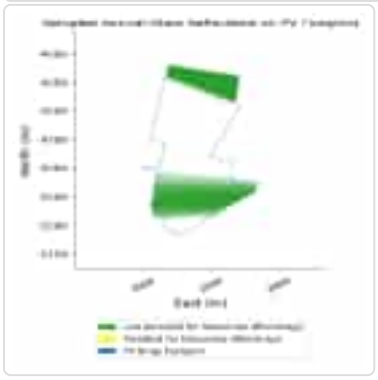
PV array is expected to produce the following glare for this receptor:

- 402 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





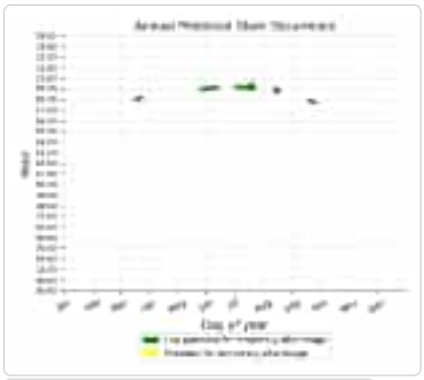


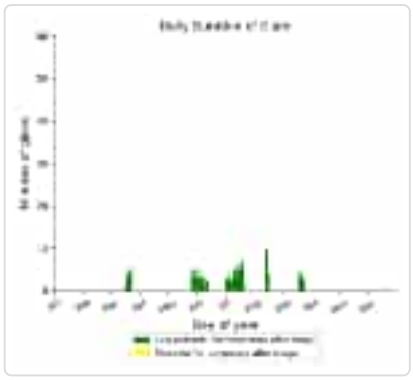


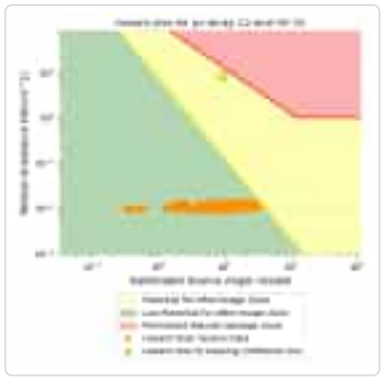
PV array 13: OP 55

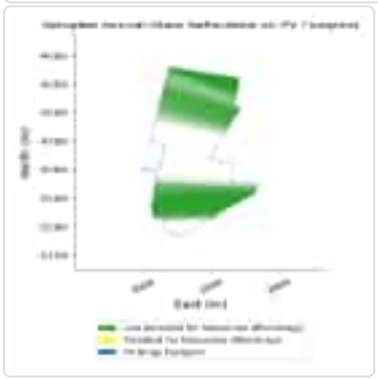
PV array is expected to produce the following glare for this receptor:

- 239 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









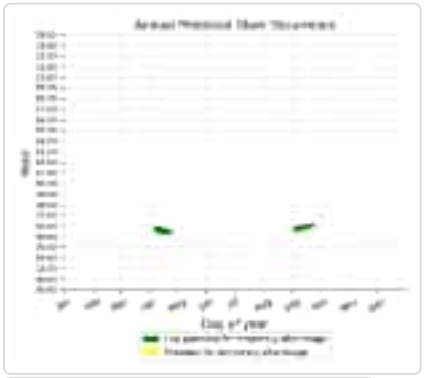
PV array 13: OP 56

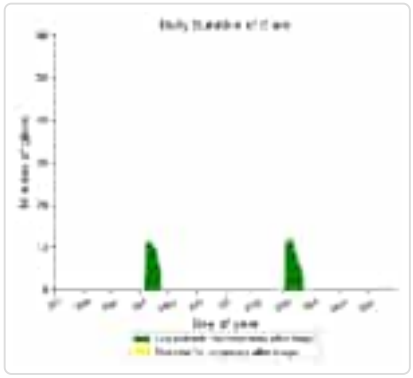
No glare found

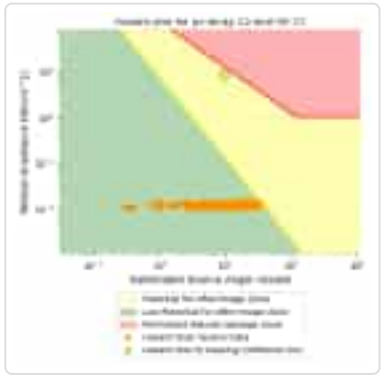
PV array 13: OP 57

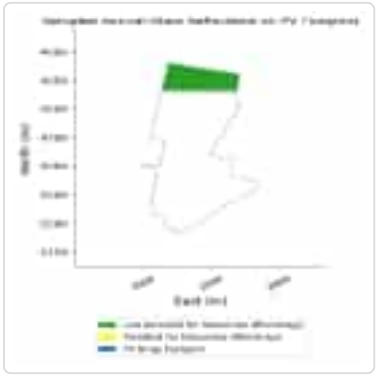
PV array is expected to produce the following glare for this receptor:

- 340 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





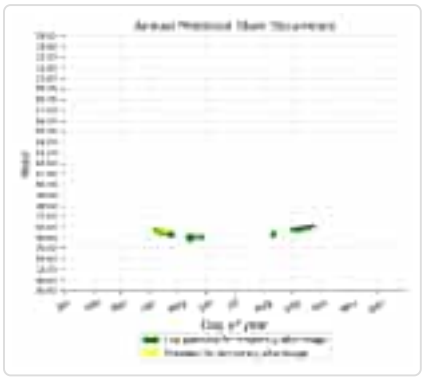


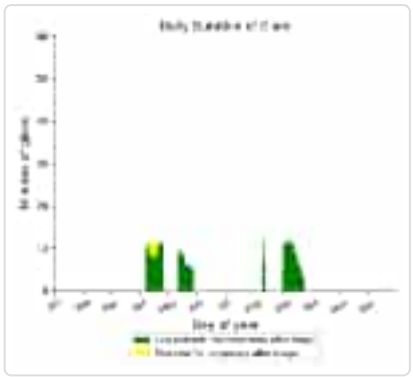


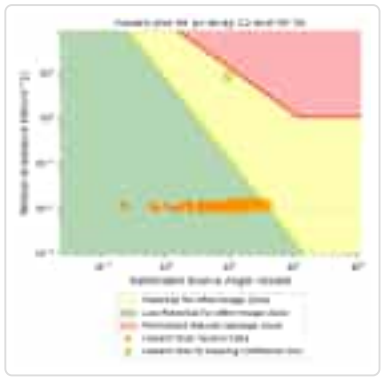
PV array 13: OP 58

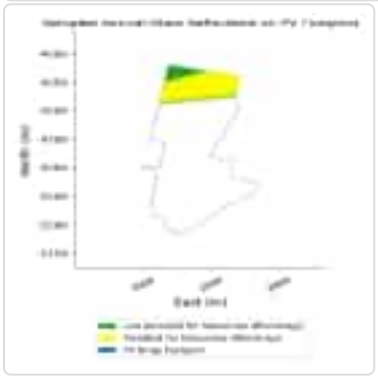
PV array is expected to produce the following glare for this receptor:

- 542 minutes of "green" glare with low potential to cause temporary after-image.
- 31 minutes of "yellow" glare with potential to cause temporary after-image.





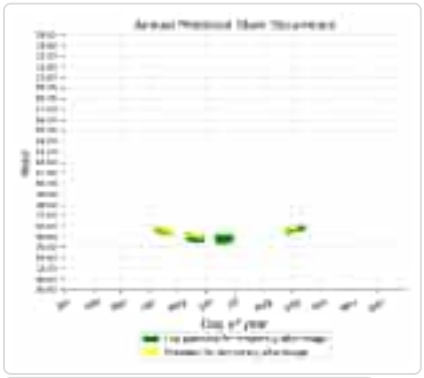


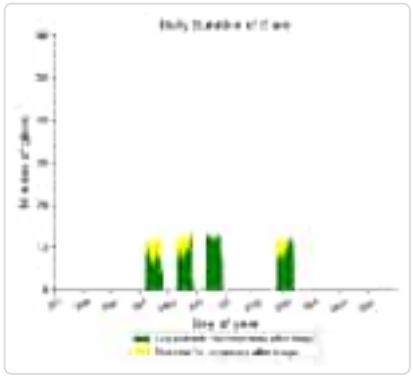


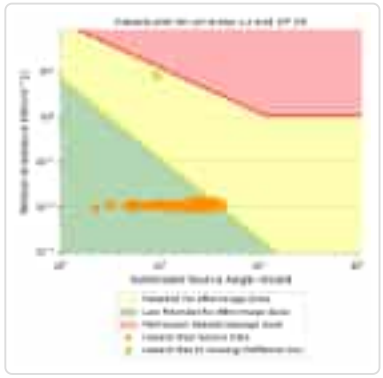
PV array 13: OP 59

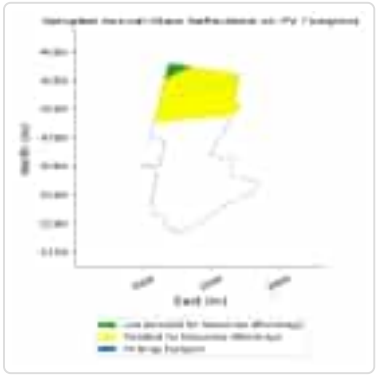
PV array is expected to produce the following glare for this receptor:

- 684 minutes of "green" glare with low potential to cause temporary after-image.
- 167 minutes of "yellow" glare with potential to cause temporary after-image.





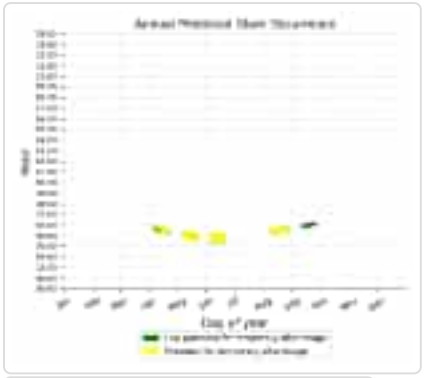


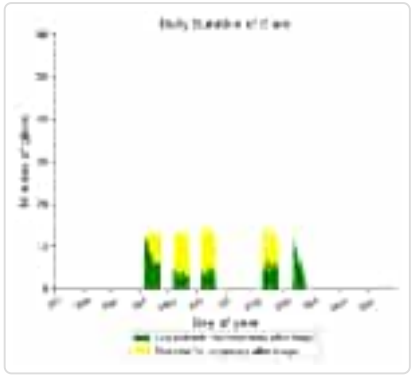


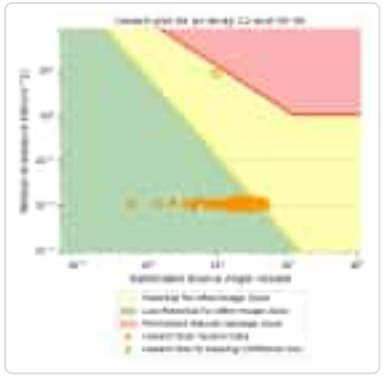
PV array 13: OP 60

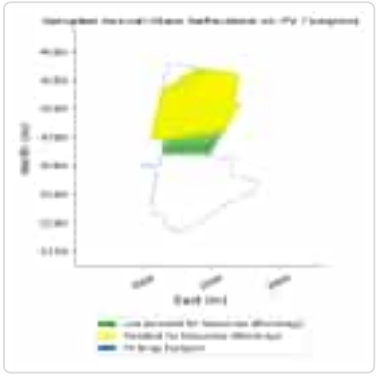
PV array is expected to produce the following glare for this receptor:

- 433 minutes of "green" glare with low potential to cause temporary after-image.
- 509 minutes of "yellow" glare with potential to cause temporary after-image.





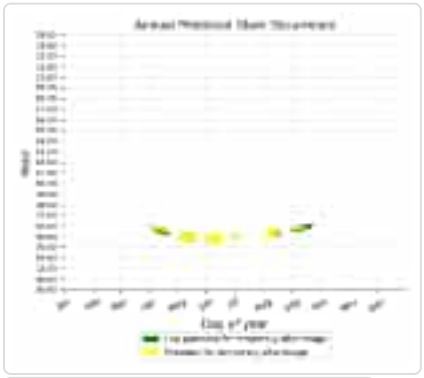


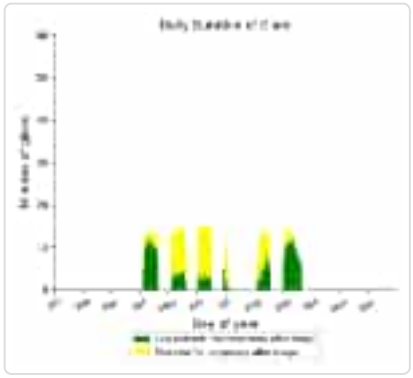


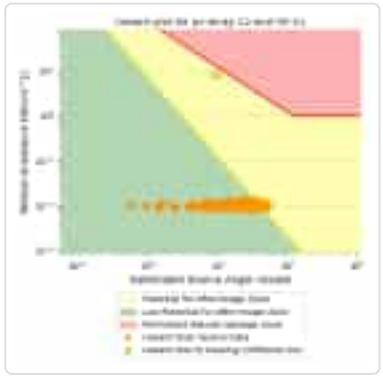
PV array 13: OP 61

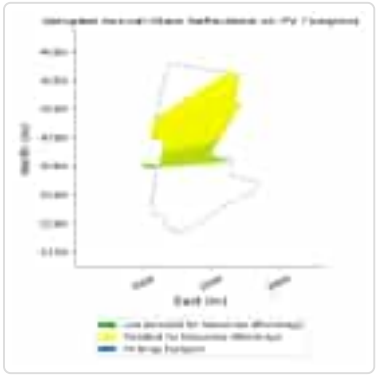
PV array is expected to produce the following glare for this receptor:

- 534 minutes of "green" glare with low potential to cause temporary after-image.
- 544 minutes of "yellow" glare with potential to cause temporary after-image.





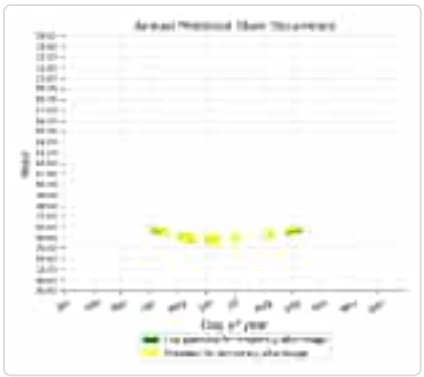


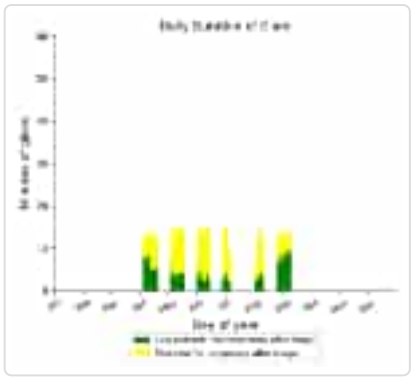


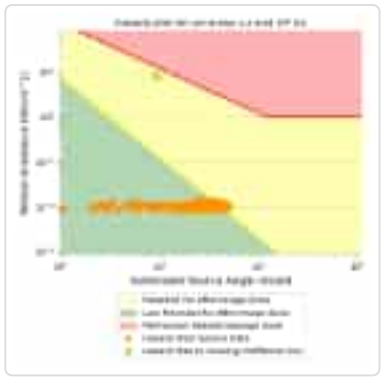
PV array 13: OP 62

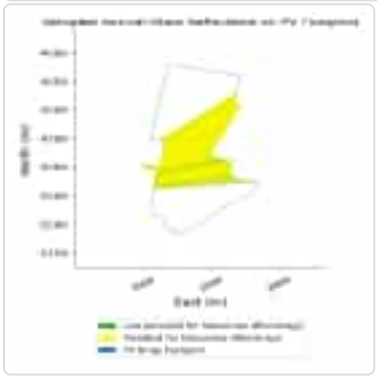
PV array is expected to produce the following glare for this receptor:

- 398 minutes of "green" glare with low potential to cause temporary after-image.
- 676 minutes of "yellow" glare with potential to cause temporary after-image.





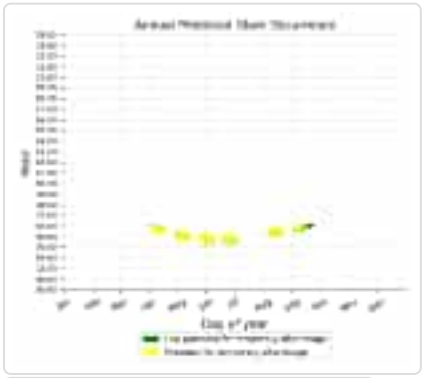


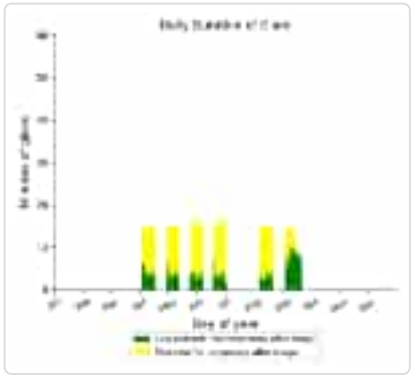


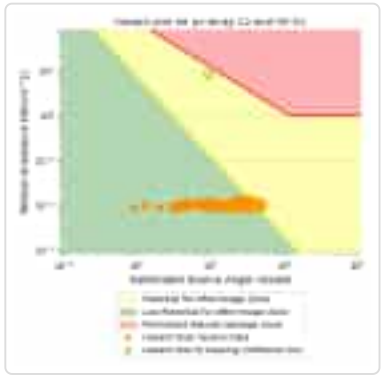
PV array 13: OP 63

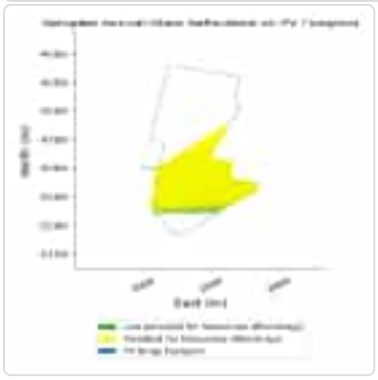
PV array is expected to produce the following glare for this receptor:

- 402 minutes of "green" glare with low potential to cause temporary after-image.
- 863 minutes of "yellow" glare with potential to cause temporary after-image.





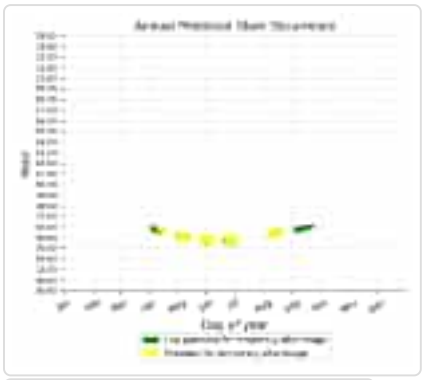


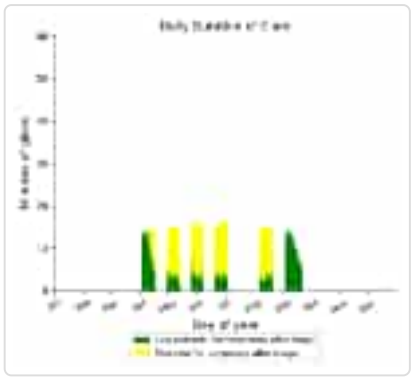


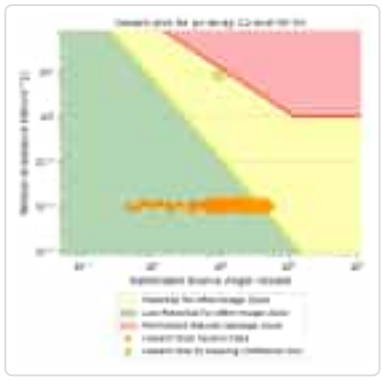
PV array 13: OP 64

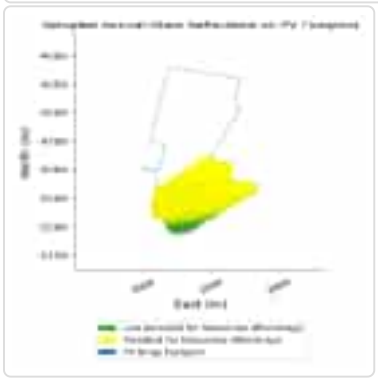
PV array is expected to produce the following glare for this receptor:

- 550 minutes of "green" glare with low potential to cause temporary after-image.
- 717 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)

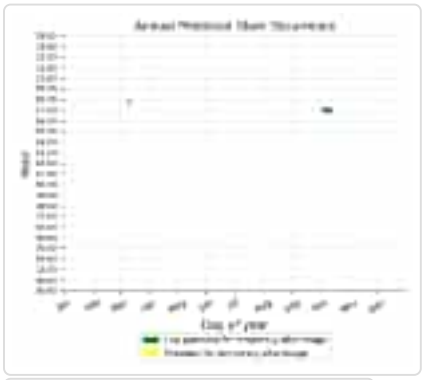
OP: OP 1	20	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	359	1059
OP: OP 24	349	985
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0

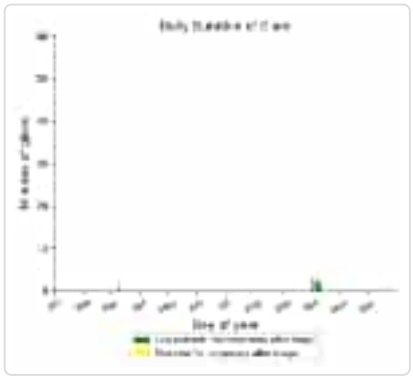
OP: OP 55	0	0
OP: OP 56	299	0
OP: OP 57	296	0
OP: OP 58	173	0
OP: OP 59	151	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

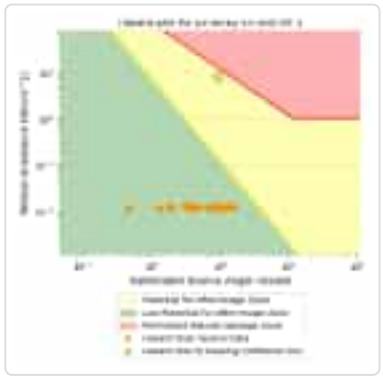
PV array 14: OP 1

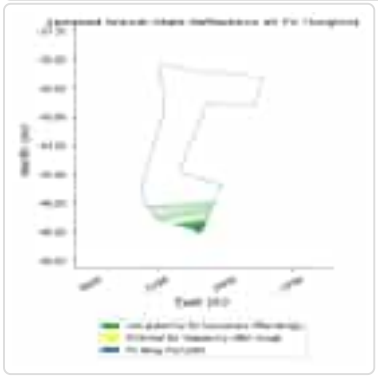
PV array is expected to produce the following glare for this receptor:

- 20 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14: OP 2

No glare found

PV array 14: OP 3

No glare found

PV array 14: OP 4

No glare found

PV array 14: OP 5

No glare found

PV array 14: OP 6

No glare found

PV array 14: OP 7

No glare found

PV array 14: OP 8

No glare found

PV array 14: OP 9

No glare found

PV array 14: OP 10

No glare found

PV array 14: OP 11

No glare found

PV array 14: OP 12

No glare found

PV array 14: OP 13

No glare found

PV array 14: OP 14

No glare found

PV array 14: OP 15

No glare found

PV array 14: OP 16

No glare found

PV array 14: OP 17

No glare found

PV array 14: OP 18

No glare found

PV array 14: OP 19

No glare found

PV array 14: OP 20

No glare found

PV array 14: OP 21

No glare found

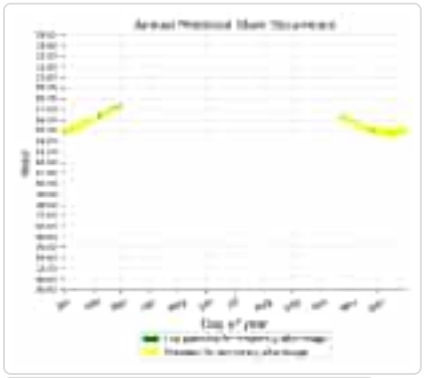
PV array 14: OP 22

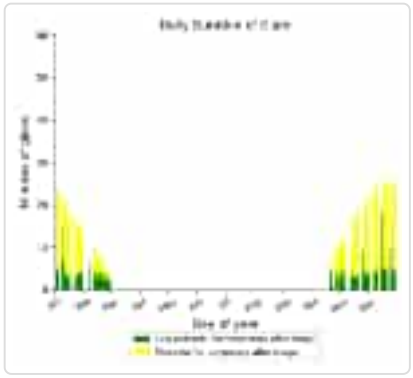
No glare found

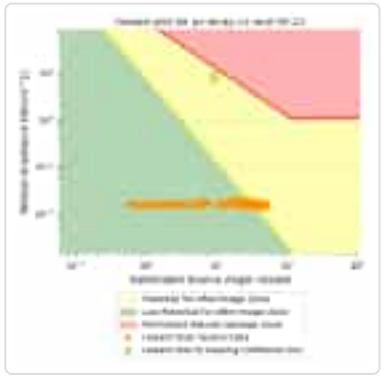
PV array 14: OP 23

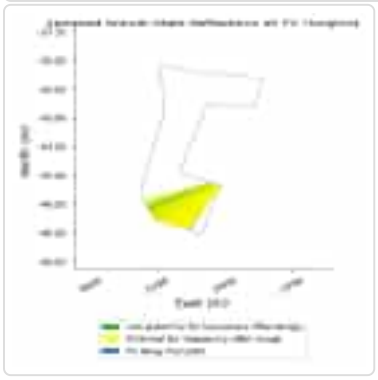
PV array is expected to produce the following glare for this receptor:

- 359 minutes of "green" glare with low potential to cause temporary after-image.
- 1,059 minutes of "yellow" glare with potential to cause temporary after-image.





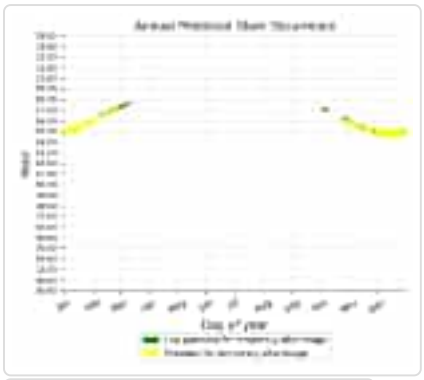


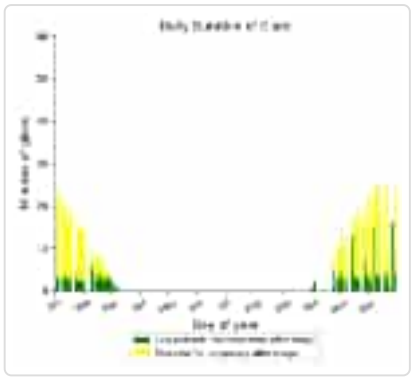


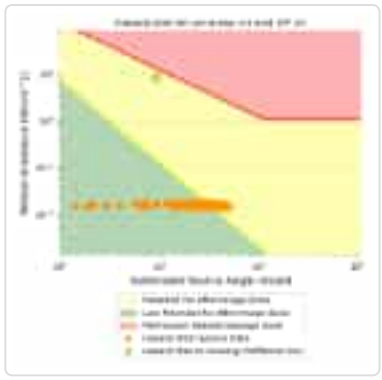
PV array 14: OP 24

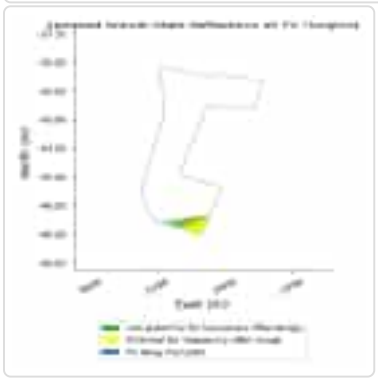
PV array is expected to produce the following glare for this receptor:

- 349 minutes of "green" glare with low potential to cause temporary after-image.
- 985 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14: OP 25

No glare found

PV array 14: OP 26

No glare found

PV array 14: OP 27

No glare found

PV array 14: OP 28

No glare found

PV array 14: OP 29

No glare found

PV array 14: OP 30

No glare found

PV array 14: OP 31

No glare found

PV array 14: OP 32

No glare found

PV array 14: OP 33

No glare found

PV array 14: OP 34

No glare found

PV array 14: OP 35

No glare found

PV array 14: OP 36

No glare found

PV array 14: OP 37

No glare found

PV array 14: OP 38

No glare found

PV array 14: OP 39

No glare found

PV array 14: OP 40

No glare found

PV array 14: OP 41

No glare found

PV array 14: OP 42

No glare found

PV array 14: OP 43

No glare found

PV array 14: OP 44

No glare found

PV array 14: OP 45

No glare found

PV array 14: OP 46

No glare found

PV array 14: OP 47

No glare found

PV array 14: OP 48

No glare found

PV array 14: OP 49

No glare found

PV array 14: OP 50

No glare found

PV array 14: OP 51

No glare found

PV array 14: OP 52

No glare found

PV array 14: OP 53

No glare found

PV array 14: OP 54

No glare found

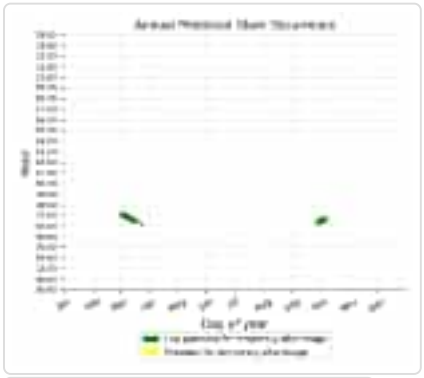
PV array 14: OP 55

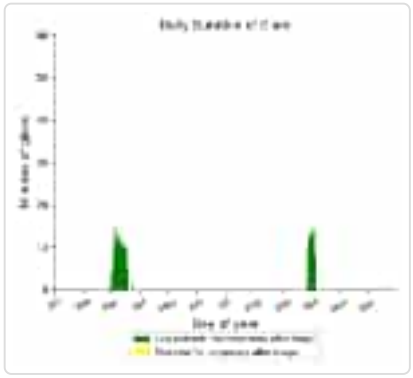
No glare found

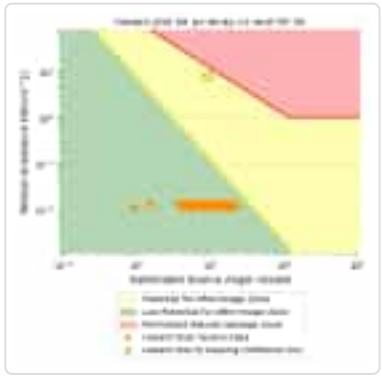
PV array 14: OP 56

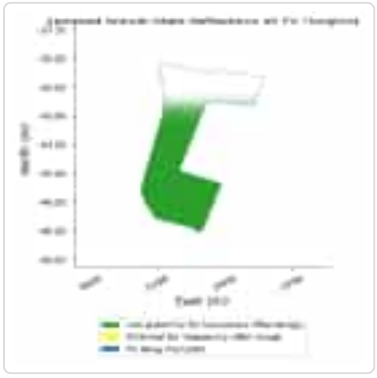
PV array is expected to produce the following glare for this receptor:

- 299 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





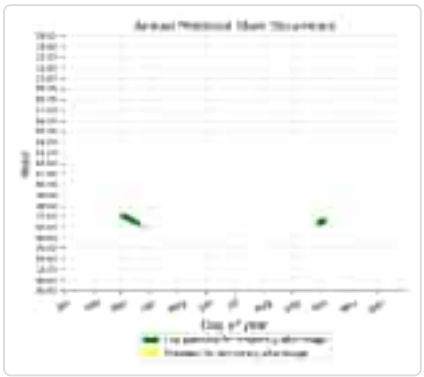


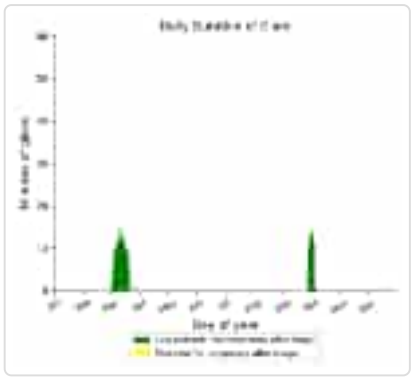


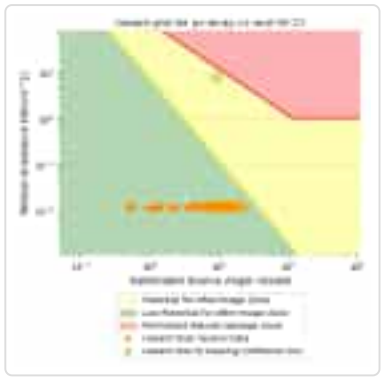
PV array 14: OP 57

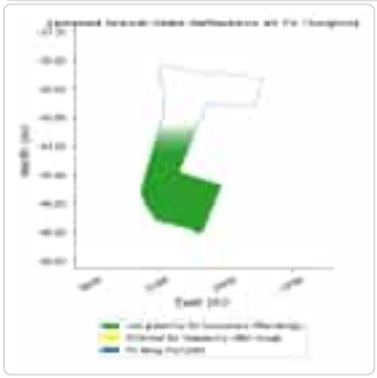
PV array is expected to produce the following glare for this receptor:

- 296 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





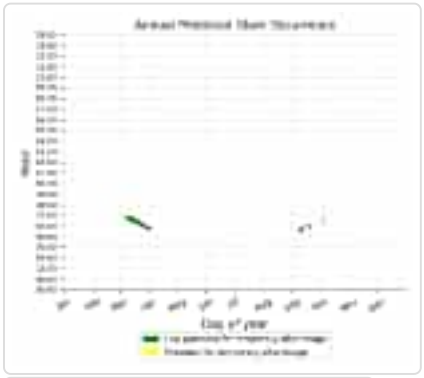


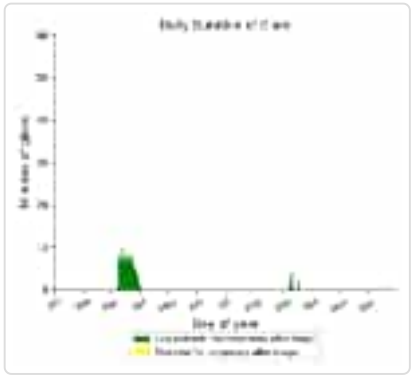


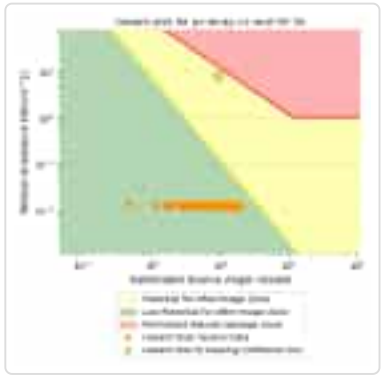
PV array 14: OP 58

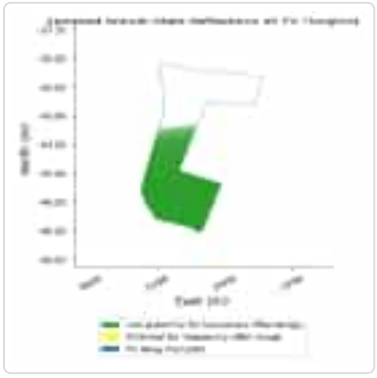
PV array is expected to produce the following glare for this receptor:

- 173 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





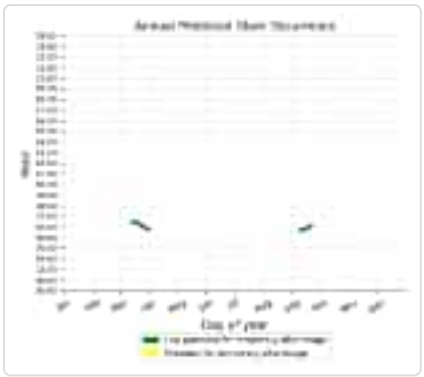


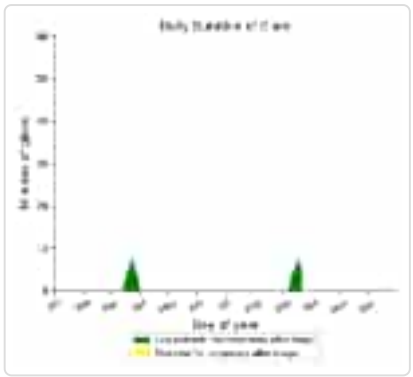


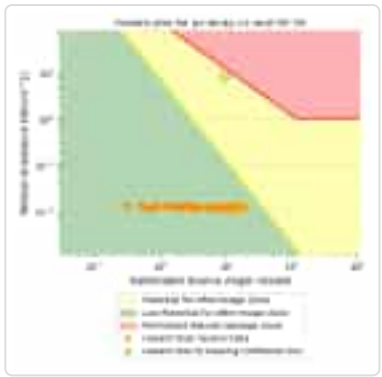
PV array 14: OP 59

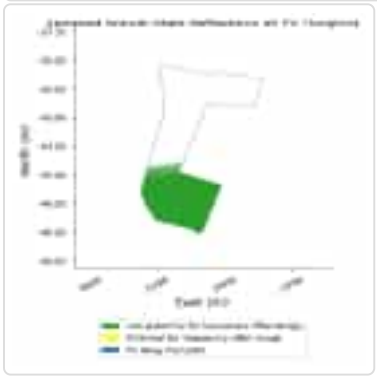
PV array is expected to produce the following glare for this receptor:

- 151 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14: OP 60

No glare found

PV array 14: OP 61

No glare found

PV array 14: OP 62

No glare found

PV array 14: OP 63

No glare found

PV array 14: OP 64

No glare found

PV array 15 potential temporary after-image

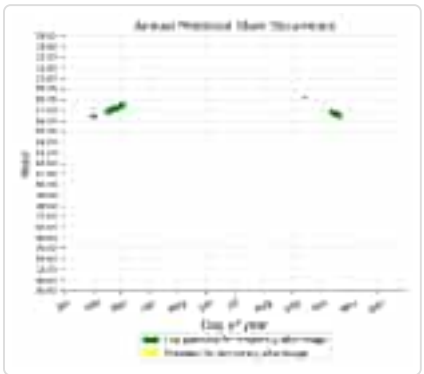
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	267	0
OP: OP 2	296	0
OP: OP 3	112	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	226	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	141	106
OP: OP 24	257	11
OP: OP 25	98	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0

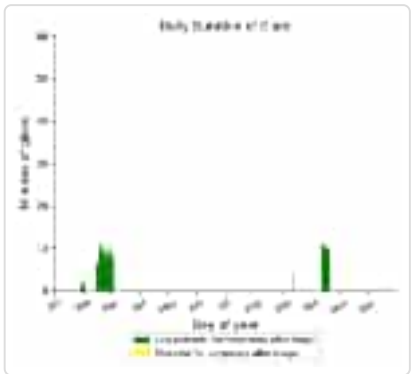
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	28	0
OP: OP 52	44	0
OP: OP 53	16	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	118	0
OP: OP 57	120	0
OP: OP 58	28	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

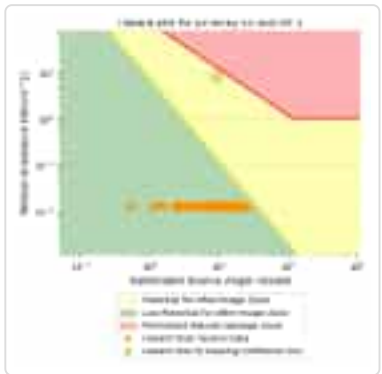
PV array 15: OP 1

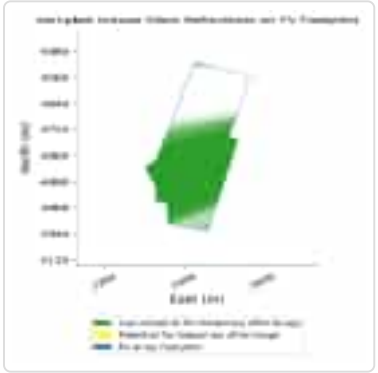
PV array is expected to produce the following glare for this receptor:

- 267 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





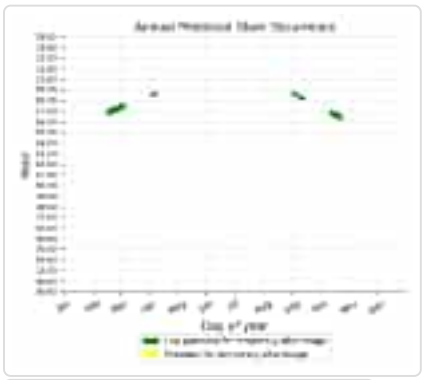


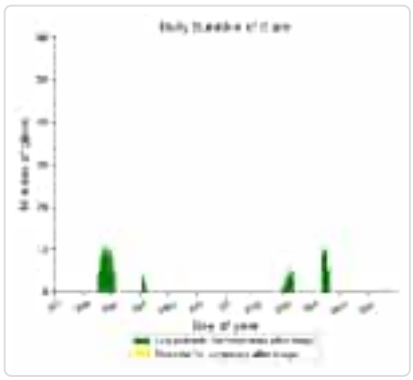


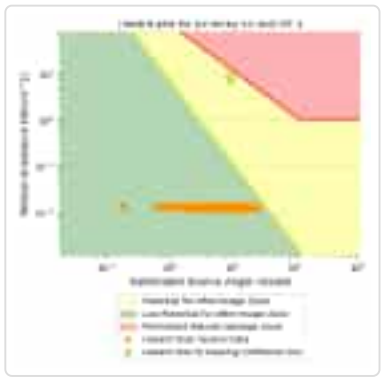
PV array 15: OP 2

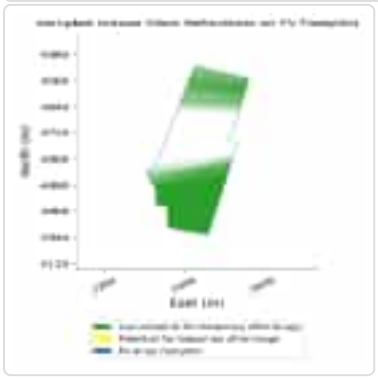
PV array is expected to produce the following glare for this receptor:

- 296 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





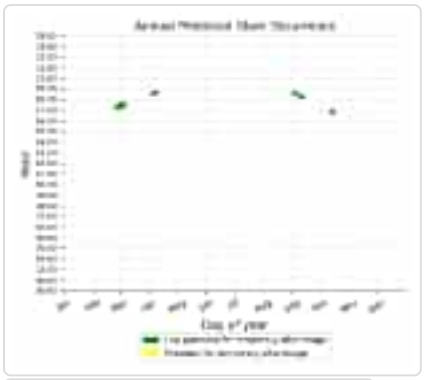


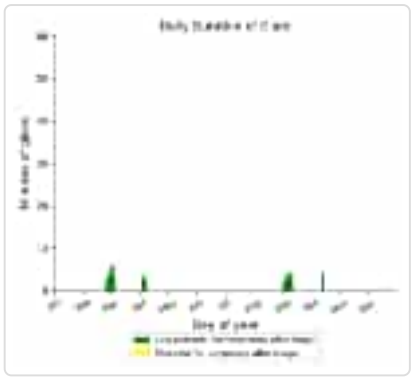


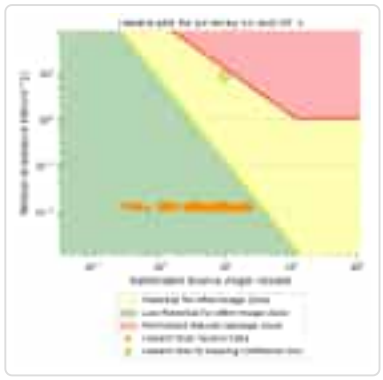
PV array 15: OP 3

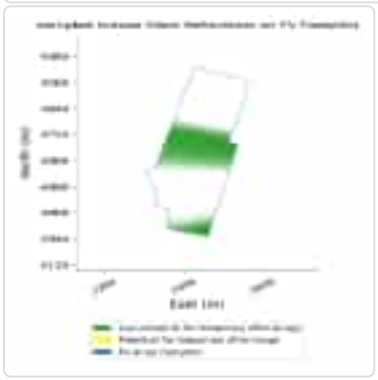
PV array is expected to produce the following glare for this receptor:

- 112 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 4

No glare found

PV array 15: OP 5

No glare found

PV array 15: OP 6

No glare found

PV array 15: OP 7

No glare found

PV array 15: OP 8

No glare found

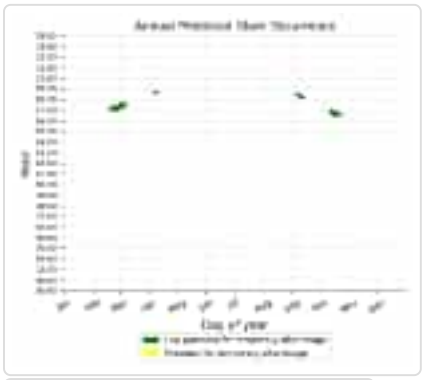
PV array 15: OP 9

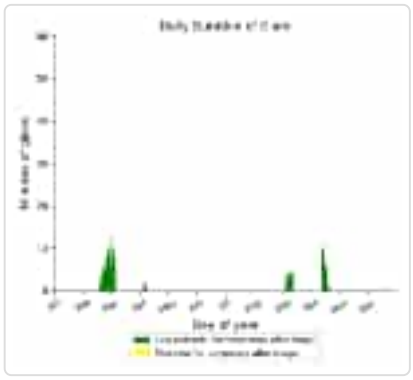
No glare found

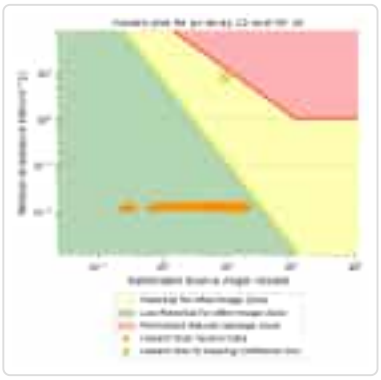
PV array 15: OP 10

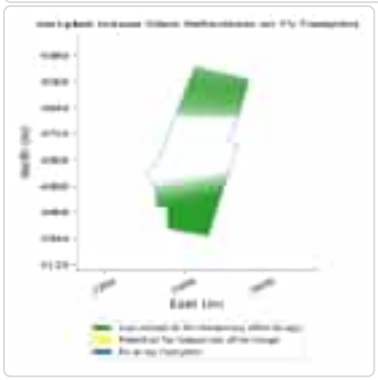
PV array is expected to produce the following glare for this receptor:

- 226 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 11

No glare found

PV array 15: OP 12

No glare found

PV array 15: OP 13

No glare found

PV array 15: OP 14

No glare found

PV array 15: OP 15

No glare found

PV array 15: OP 16

No glare found

PV array 15: OP 17

No glare found

PV array 15: OP 18

No glare found

PV array 15: OP 19

No glare found

PV array 15: OP 20

No glare found

PV array 15: OP 21

No glare found

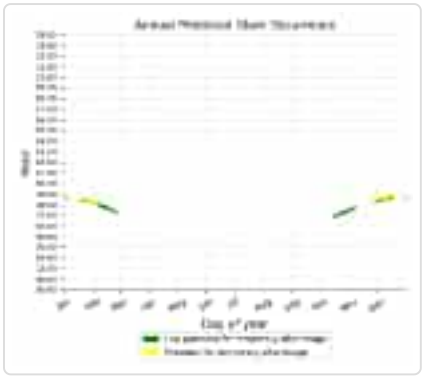
PV array 15: OP 22

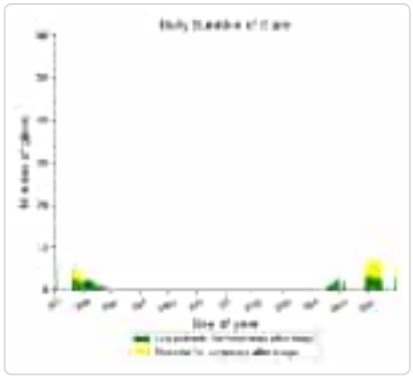
No glare found

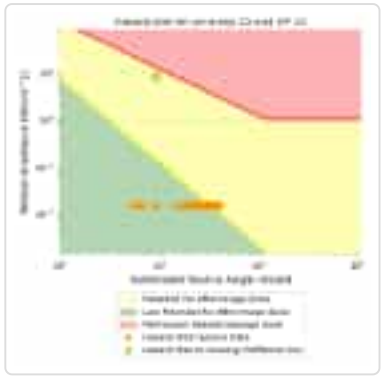
PV array 15: OP 23

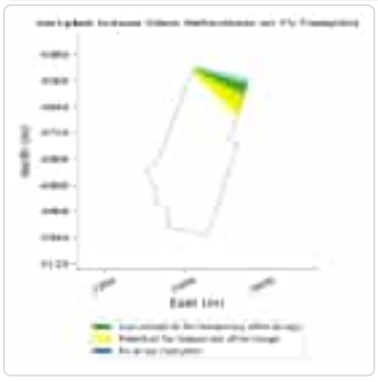
PV array is expected to produce the following glare for this receptor:

- 141 minutes of "green" glare with low potential to cause temporary after-image.
- 106 minutes of "yellow" glare with potential to cause temporary after-image.





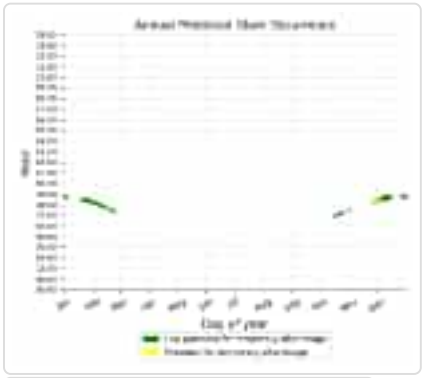


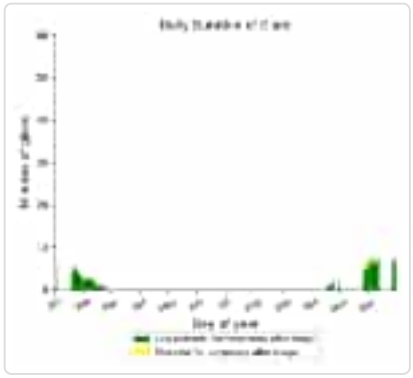


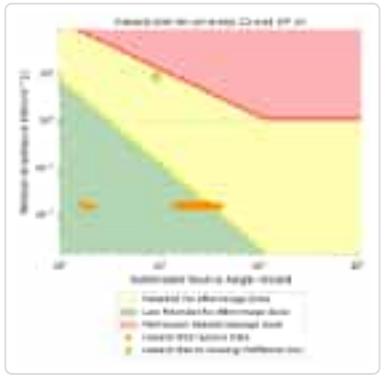
PV array 15: OP 24

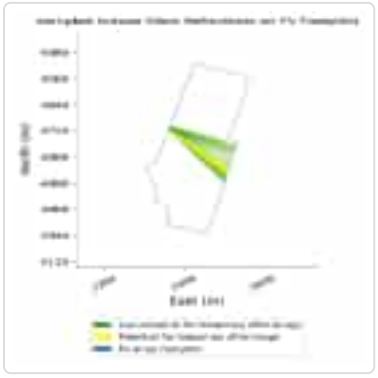
PV array is expected to produce the following glare for this receptor:

- 257 minutes of "green" glare with low potential to cause temporary after-image.
- 11 minutes of "yellow" glare with potential to cause temporary after-image.





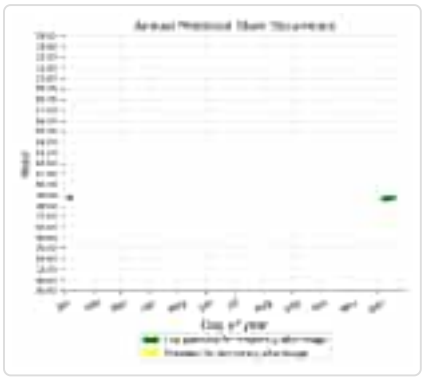


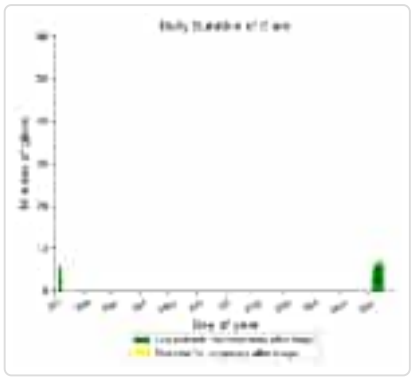


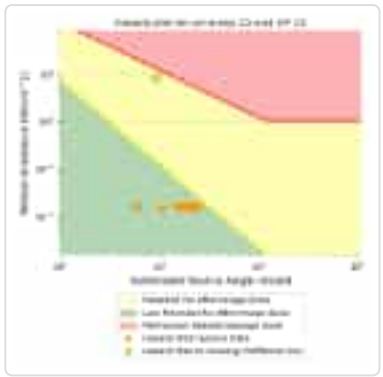
PV array 15: OP 25

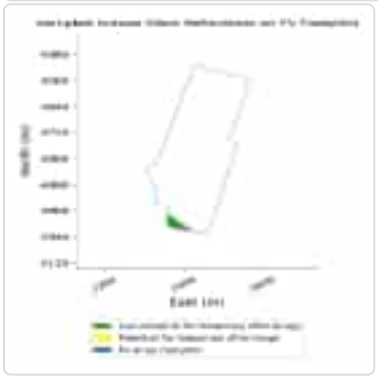
PV array is expected to produce the following glare for this receptor:

- 98 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 26

No glare found

PV array 15: OP 27

No glare found

PV array 15: OP 28

No glare found

PV array 15: OP 29

No glare found

PV array 15: OP 30

No glare found

PV array 15: OP 31

No glare found

PV array 15: OP 32

No glare found

PV array 15: OP 33

No glare found

PV array 15: OP 34

No glare found

PV array 15: OP 35

No glare found

PV array 15: OP 36

No glare found

PV array 15: OP 37

No glare found

PV array 15: OP 38

No glare found

PV array 15: OP 39

No glare found

PV array 15: OP 40

No glare found

PV array 15: OP 41

No glare found

PV array 15: OP 42

No glare found

PV array 15: OP 43

No glare found

PV array 15: OP 44

No glare found

PV array 15: OP 45

No glare found

PV array 15: OP 46

No glare found

PV array 15: OP 47

No glare found

PV array 15: OP 48

No glare found

PV array 15: OP 49

No glare found

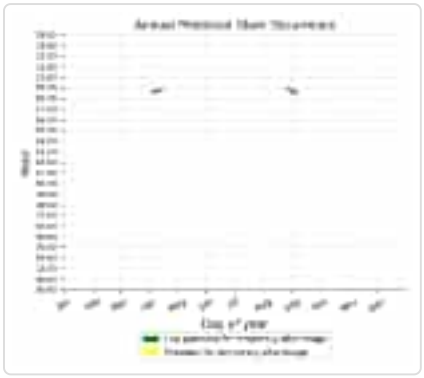
PV array 15: OP 50

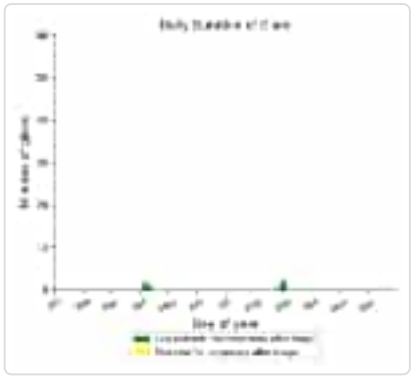
No glare found

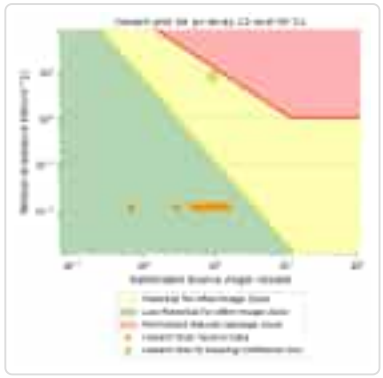
PV array 15: OP 51

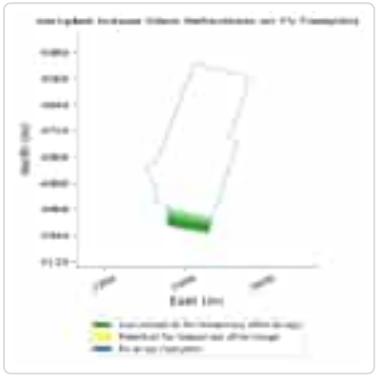
PV array is expected to produce the following glare for this receptor:

- 28 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





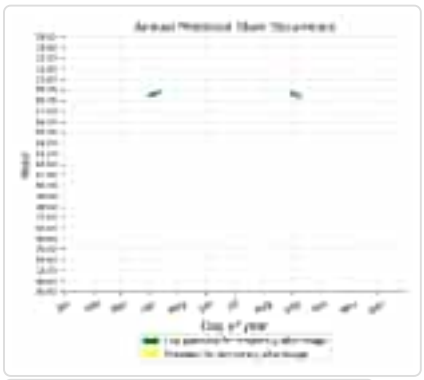


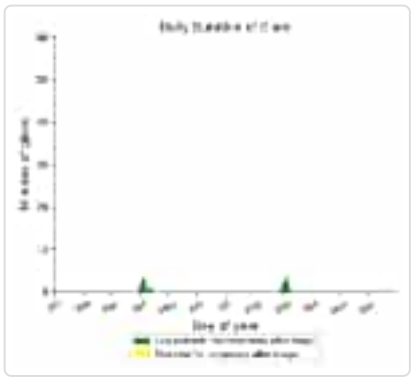


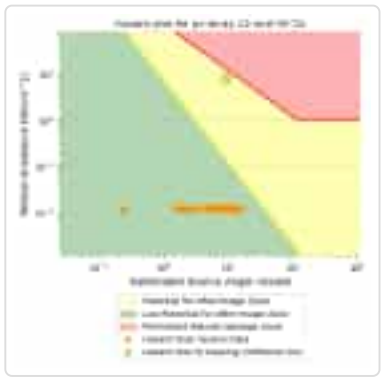
PV array 15: OP 52

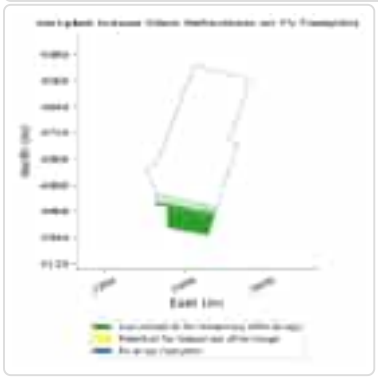
PV array is expected to produce the following glare for this receptor:

- 44 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





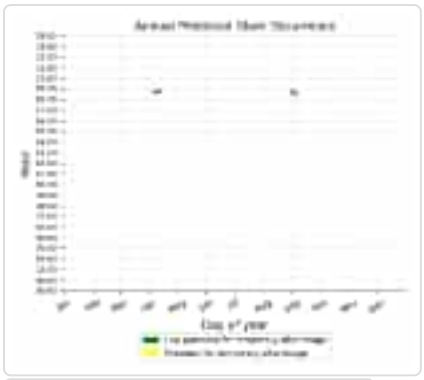


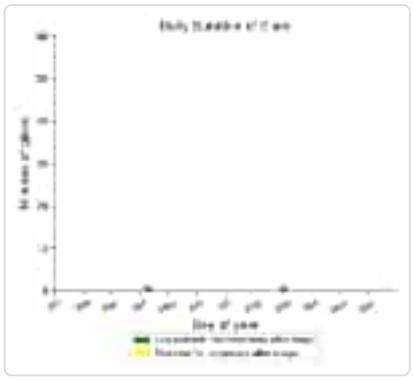


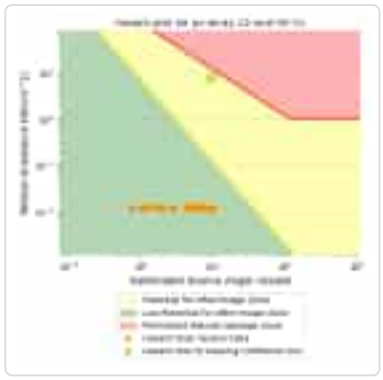
PV array 15: OP 53

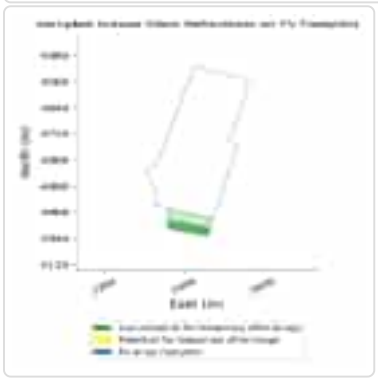
PV array is expected to produce the following glare for this receptor:

- 16 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 54

No glare found

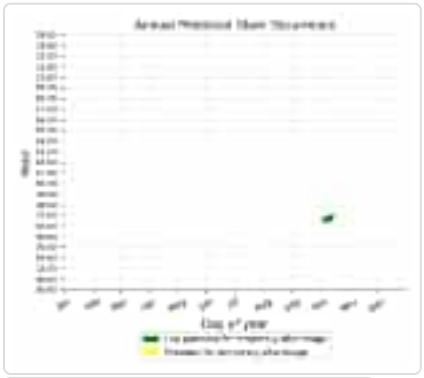
PV array 15: OP 55

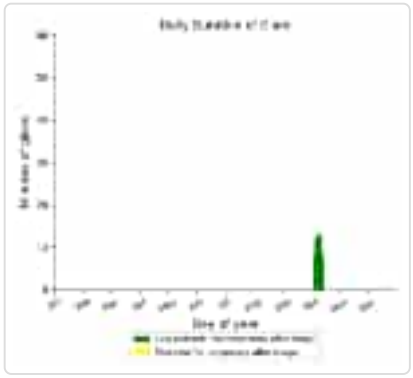
No glare found

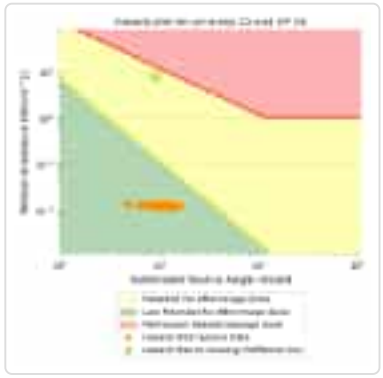
PV array 15: OP 56

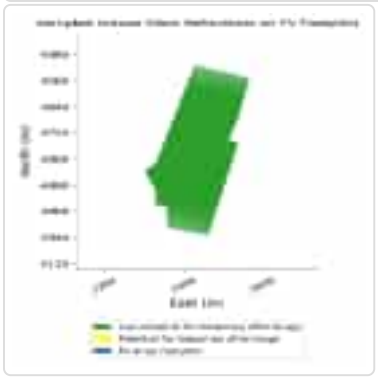
PV array is expected to produce the following glare for this receptor:

- 118 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





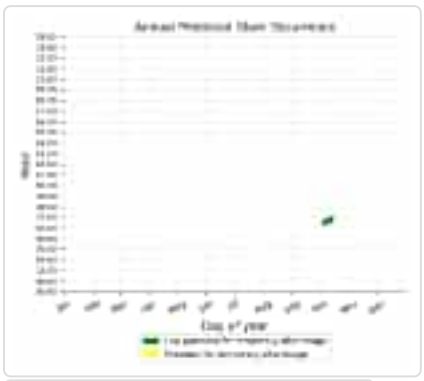


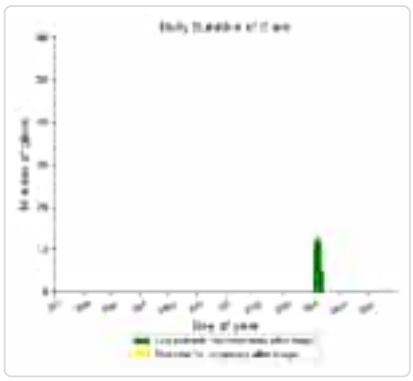


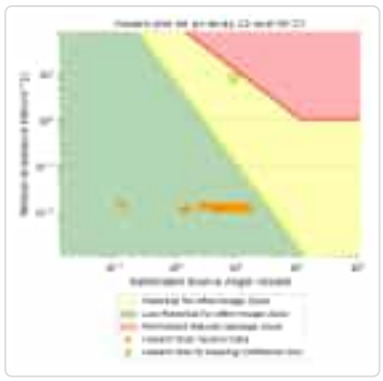
PV array 15: OP 57

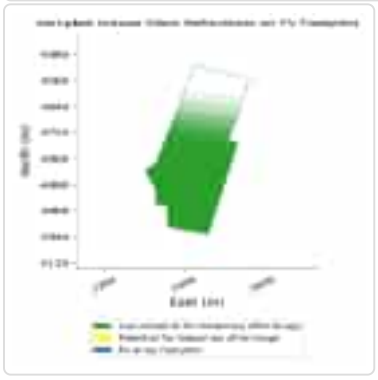
PV array is expected to produce the following glare for this receptor:

- 120 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





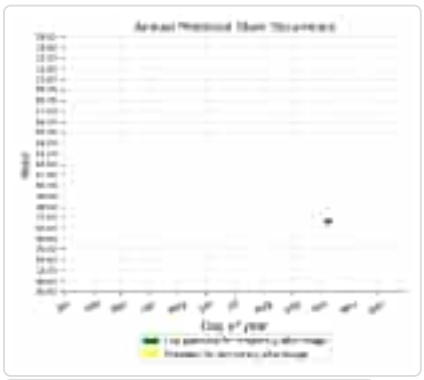


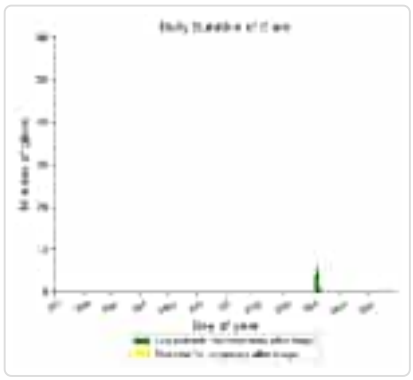


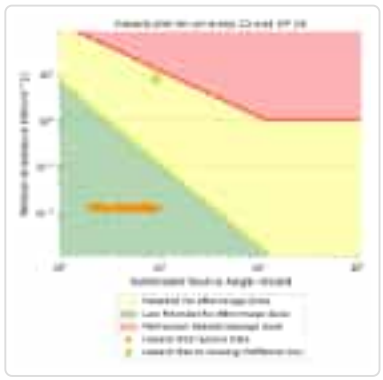
PV array 15: OP 58

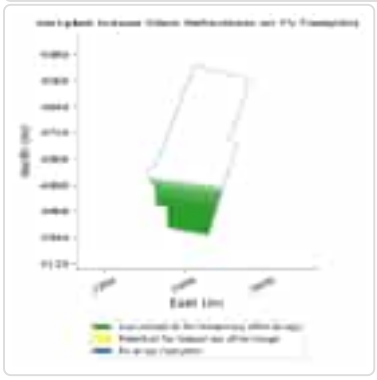
PV array is expected to produce the following glare for this receptor:

- 28 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 59

No glare found

PV array 15: OP 60

No glare found

PV array 15: OP 61

No glare found

PV array 15: OP 62

No glare found

PV array 15: OP 63

No glare found

PV array 15: OP 64

No glare found

PV array 2 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

No glare found

PV array 3 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	59	0
OP: OP 18	77	0
OP: OP 19	135	0
OP: OP 20	101	0
OP: OP 21	143	0
OP: OP 22	100	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0

OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

PV array 3: OP 1

No glare found

PV array 3: OP 2

No glare found

PV array 3: OP 3

No glare found

PV array 3: OP 4

No glare found

PV array 3: OP 5

No glare found

PV array 3: OP 6

No glare found

PV array 3: OP 7

No glare found

PV array 3: OP 8

No glare found

PV array 3: OP 9

No glare found

PV array 3: OP 10

No glare found

PV array 3: OP 11

No glare found

PV array 3: OP 12

No glare found

PV array 3: OP 13

No glare found

PV array 3: OP 14

No glare found

PV array 3: OP 15

No glare found

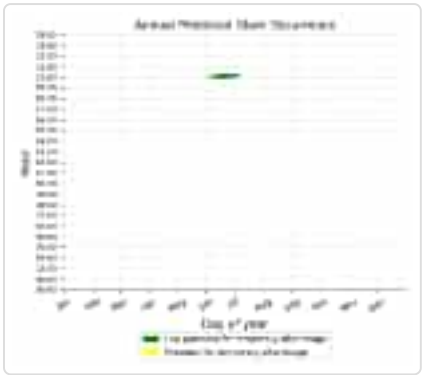
PV array 3: OP 16

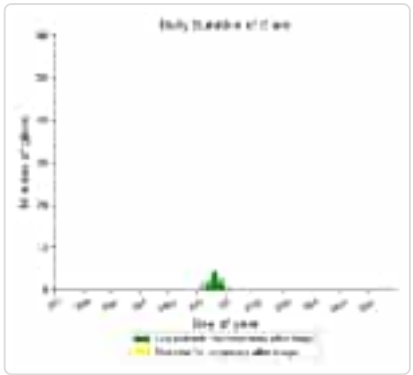
No glare found

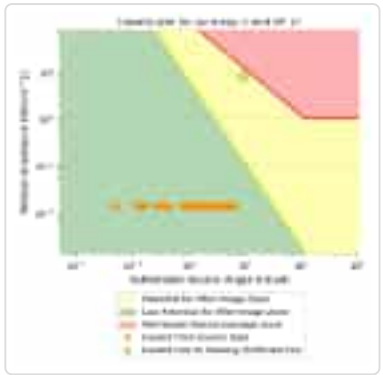
PV array 3: OP 17

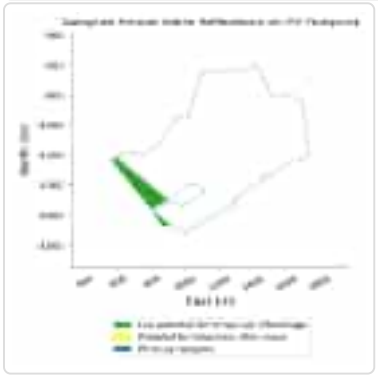
PV array is expected to produce the following glare for this receptor:

- 59 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





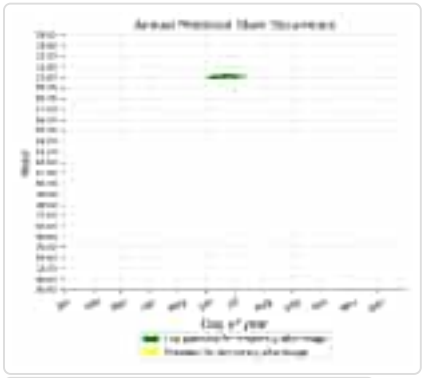


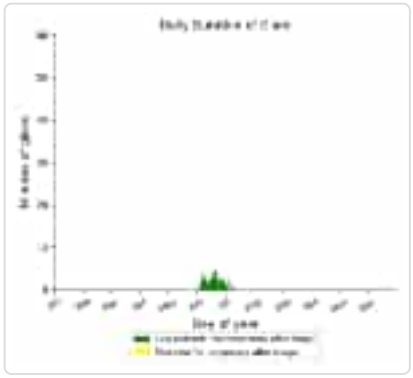


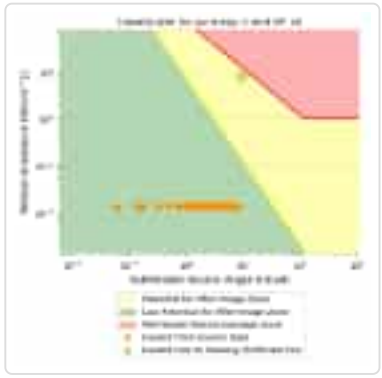
PV array 3: OP 18

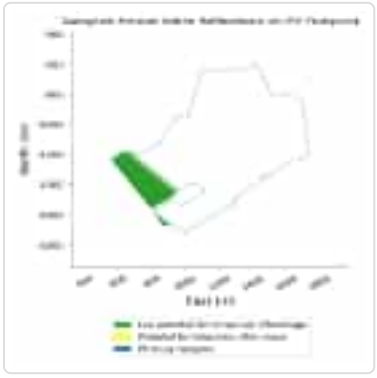
PV array is expected to produce the following glare for this receptor:

- 77 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





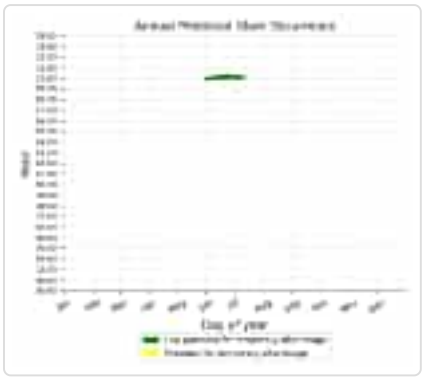


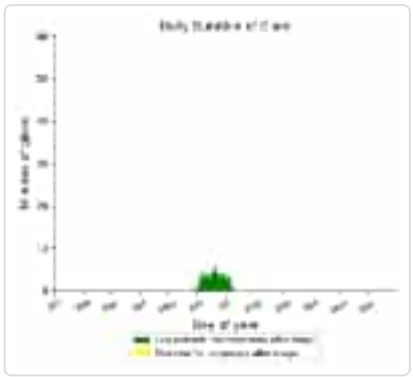


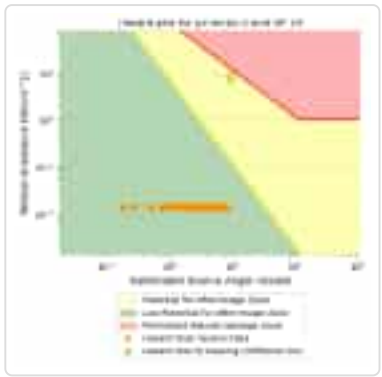
PV array 3: OP 19

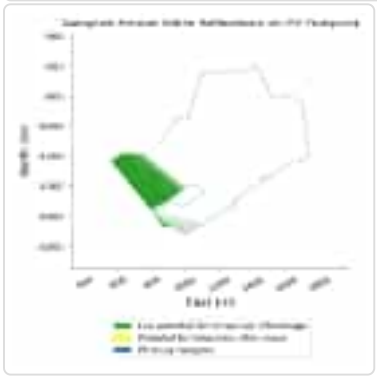
PV array is expected to produce the following glare for this receptor:

- 135 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





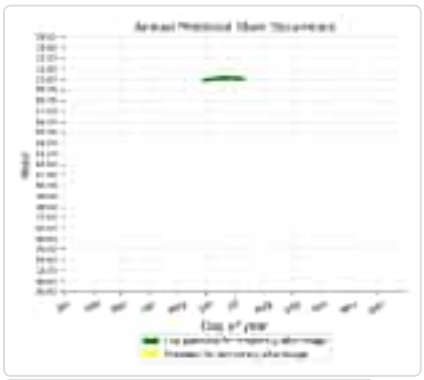


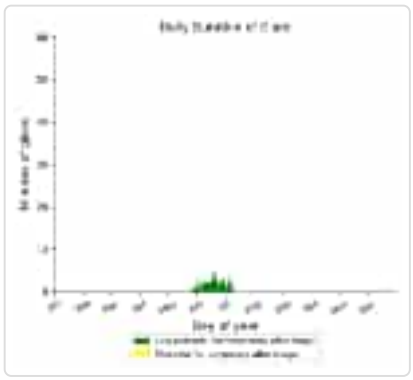


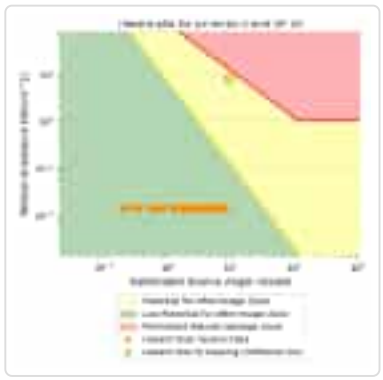
PV array 3: OP 20

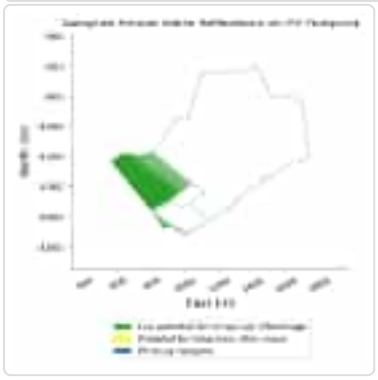
PV array is expected to produce the following glare for this receptor:

- 101 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





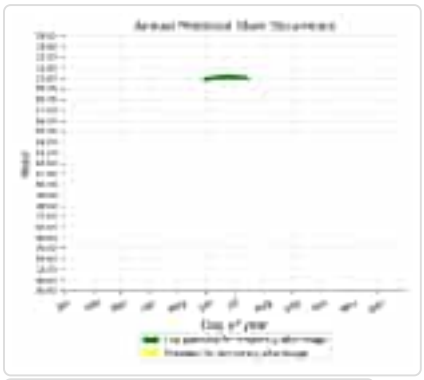


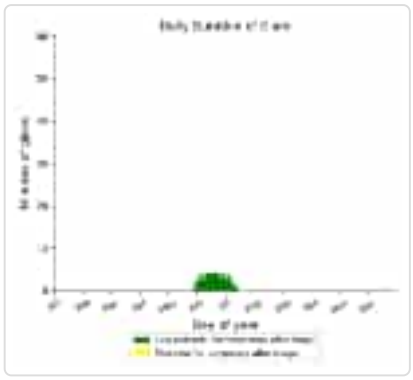


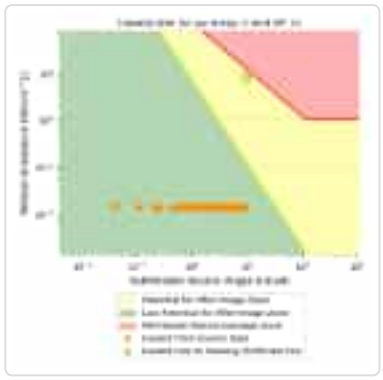
PV array 3: OP 21

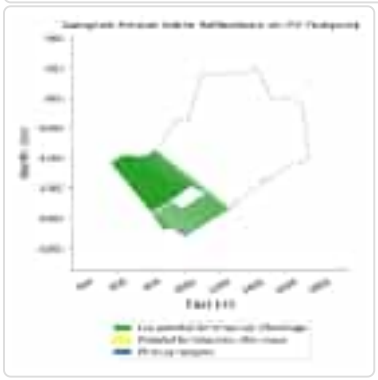
PV array is expected to produce the following glare for this receptor:

- 143 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





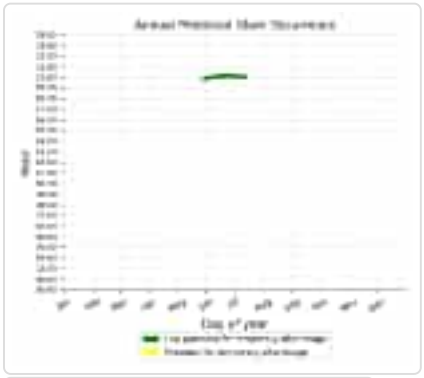


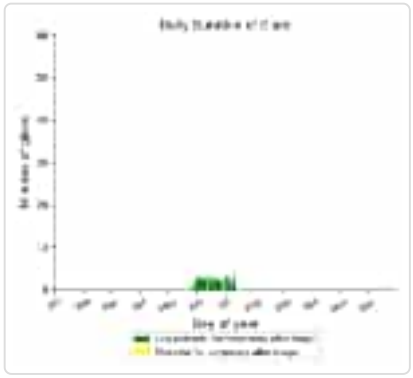


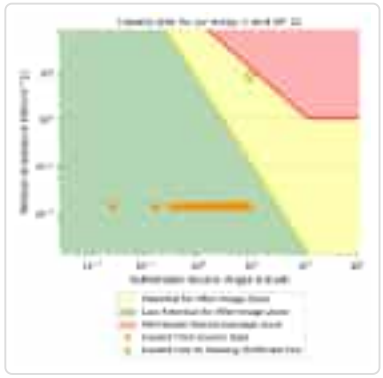
PV array 3: OP 22

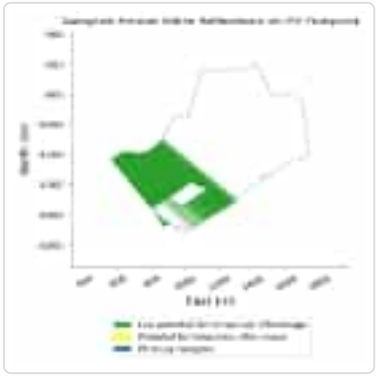
PV array is expected to produce the following glare for this receptor:

- 100 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 23

No glare found

PV array 3: OP 24

No glare found

PV array 3: OP 25

No glare found

PV array 3: OP 26

No glare found

PV array 3: OP 27

No glare found

PV array 3: OP 28

No glare found

PV array 3: OP 29

No glare found

PV array 3: OP 30

No glare found

PV array 3: OP 31

No glare found

PV array 3: OP 32

No glare found

PV array 3: OP 33

No glare found

PV array 3: OP 34

No glare found

PV array 3: OP 35

No glare found

PV array 3: OP 36

No glare found

PV array 3: OP 37

No glare found

PV array 3: OP 38

No glare found

PV array 3: OP 39

No glare found

PV array 3: OP 40

No glare found

PV array 3: OP 41

No glare found

PV array 3: OP 42

No glare found

PV array 3: OP 43

No glare found

PV array 3: OP 44

No glare found

PV array 3: OP 45

No glare found

PV array 3: OP 46

No glare found

PV array 3: OP 47

No glare found

PV array 3: OP 48

No glare found

PV array 3: OP 49

No glare found

PV array 3: OP 50

No glare found

PV array 3: OP 51

No glare found

PV array 3: OP 52

No glare found

PV array 3: OP 53

No glare found

PV array 3: OP 54

No glare found

PV array 3: OP 55

No glare found

PV array 3: OP 56

No glare found

PV array 3: OP 57

No glare found

PV array 3: OP 58

No glare found

PV array 3: OP 59

No glare found

PV array 3: OP 60

No glare found

PV array 3: OP 61

No glare found

PV array 3: OP 62

No glare found

PV array 3: OP 63

No glare found

PV array 3: OP 64

No glare found

PV array 4 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

No glare found

PV array 5 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

No glare found

PV array 6 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

No glare found

PV array 7 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	76	0
OP: OP 16	142	0
OP: OP 17	300	0
OP: OP 18	368	0
OP: OP 19	393	0
OP: OP 20	428	0
OP: OP 21	427	0
OP: OP 22	440	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0

OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	194	0
OP: OP 57	64	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

PV array 7: OP 1

No glare found

PV array 7: OP 2

No glare found

PV array 7: OP 3

No glare found

PV array 7: OP 4

No glare found

PV array 7: OP 5

No glare found

PV array 7: OP 6

No glare found

PV array 7: OP 7

No glare found

PV array 7: OP 8

No glare found

PV array 7: OP 9

No glare found

PV array 7: OP 10

No glare found

PV array 7: OP 11

No glare found

PV array 7: OP 12

No glare found

PV array 7: OP 13

No glare found

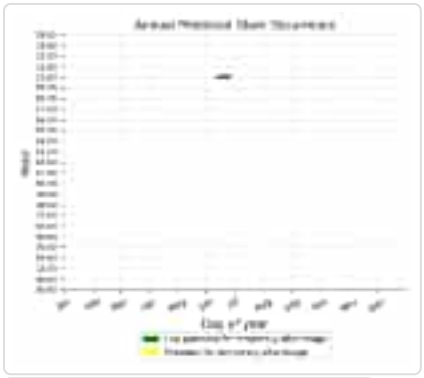
PV array 7: OP 14

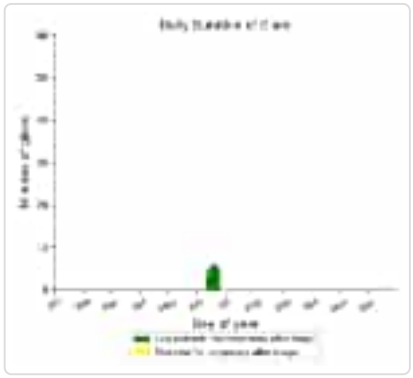
No glare found

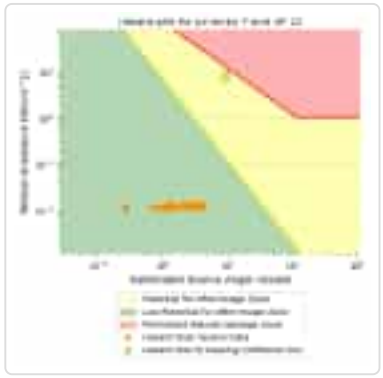
PV array 7: OP 15

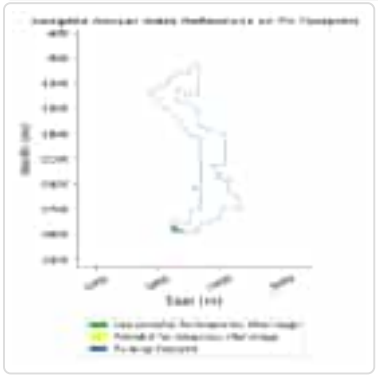
PV array is expected to produce the following glare for this receptor:

- 76 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





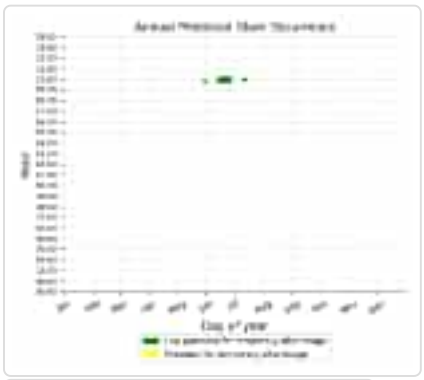


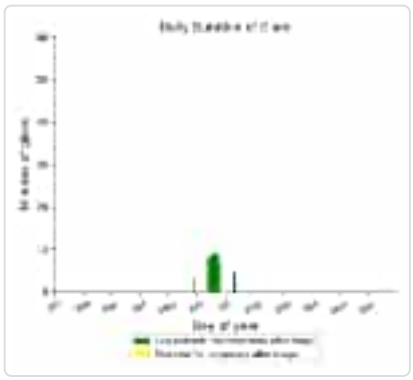


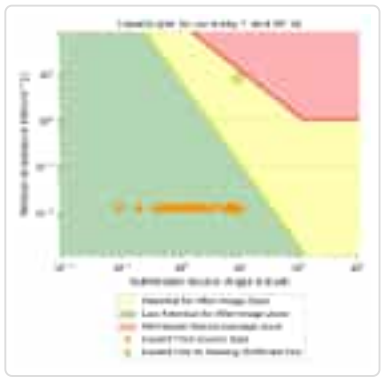
PV array 7: OP 16

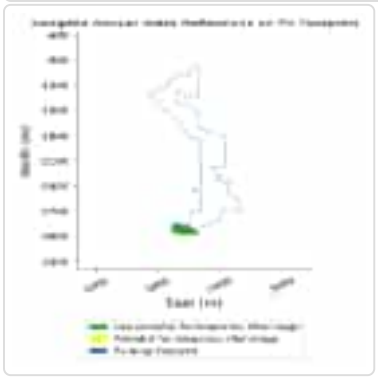
PV array is expected to produce the following glare for this receptor:

- 142 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





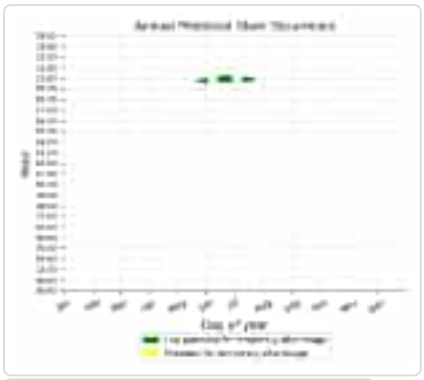


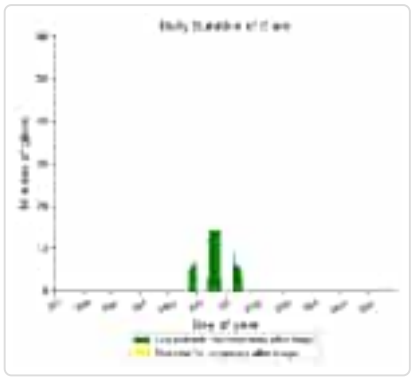


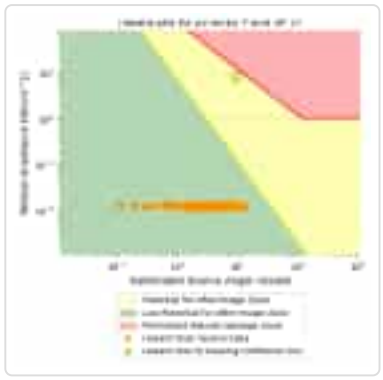
PV array 7: OP 17

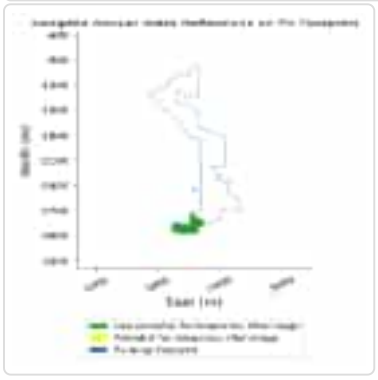
PV array is expected to produce the following glare for this receptor:

- 300 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





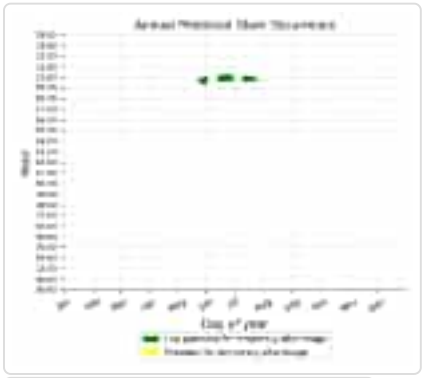


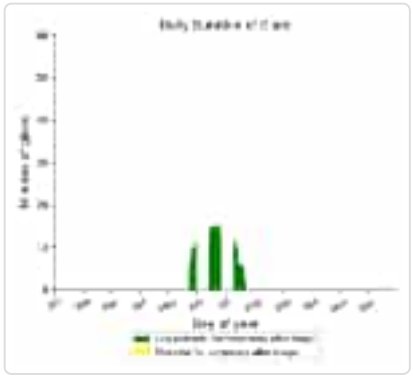


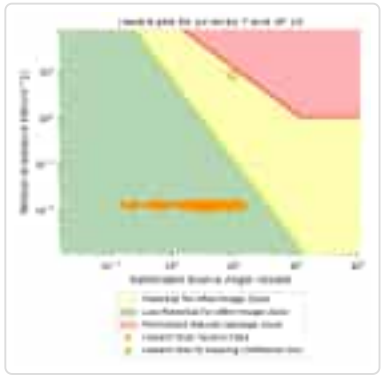
PV array 7: OP 18

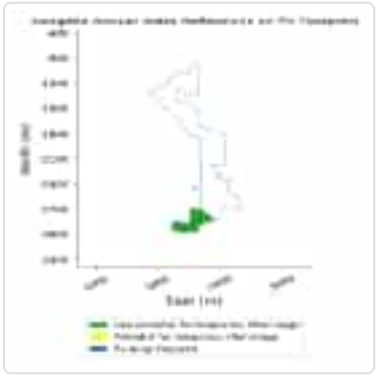
PV array is expected to produce the following glare for this receptor:

- 368 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





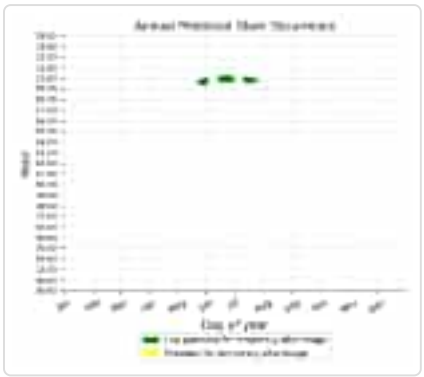


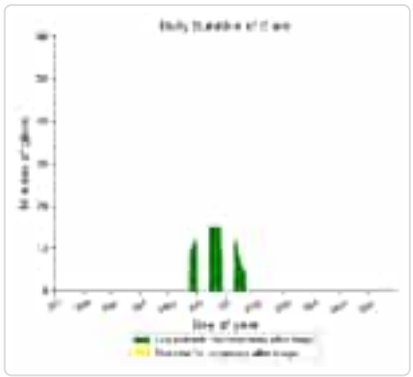


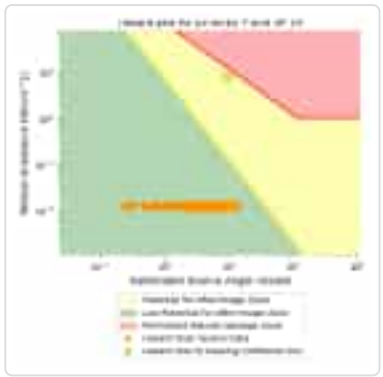
PV array 7: OP 19

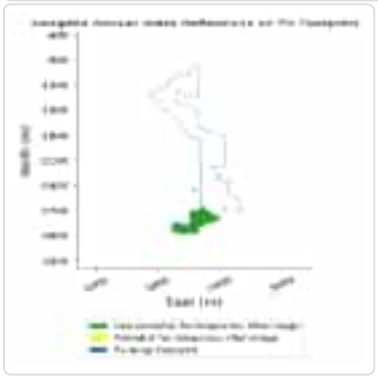
PV array is expected to produce the following glare for this receptor:

- 393 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





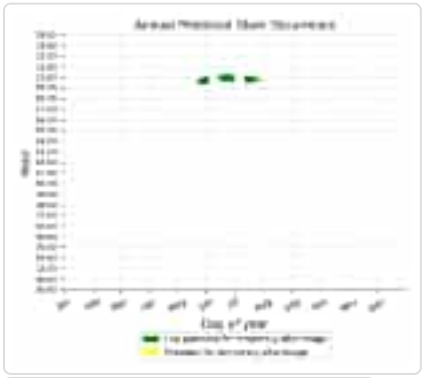


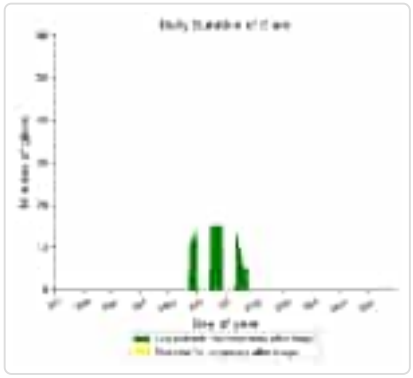


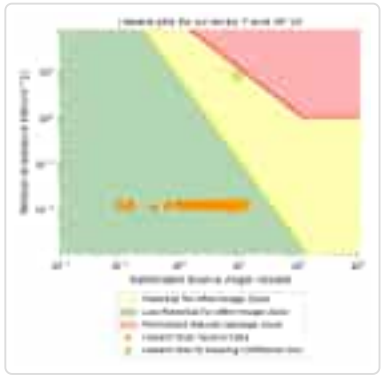
PV array 7: OP 20

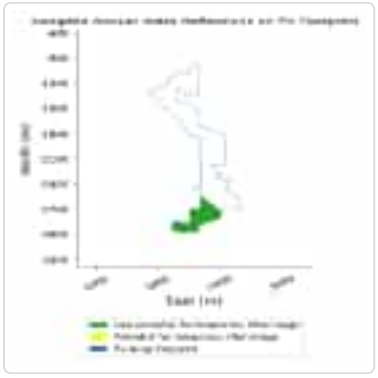
PV array is expected to produce the following glare for this receptor:

- 428 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





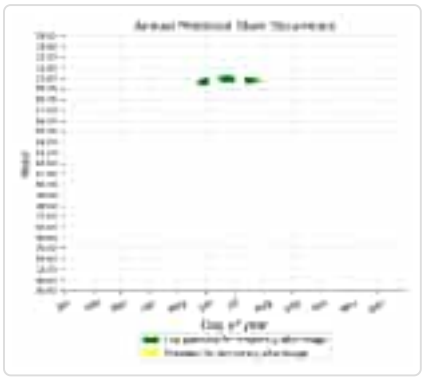


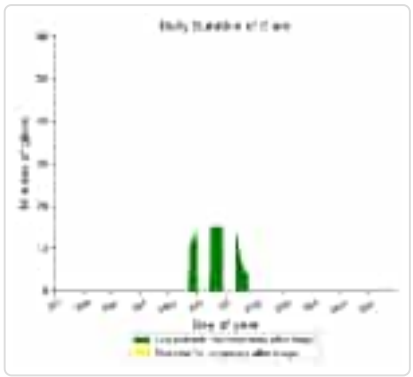


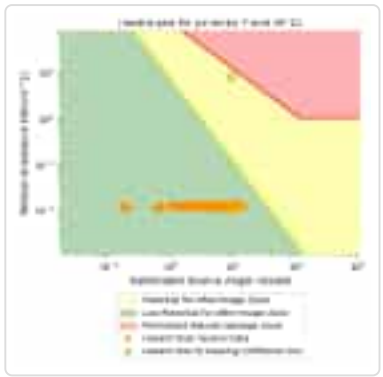
PV array 7: OP 21

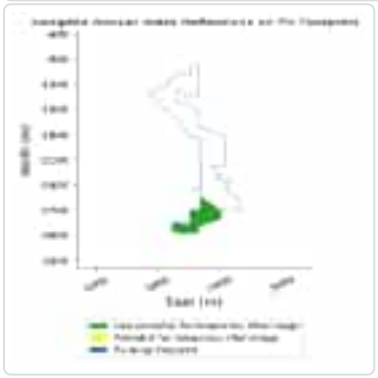
PV array is expected to produce the following glare for this receptor:

- 427 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





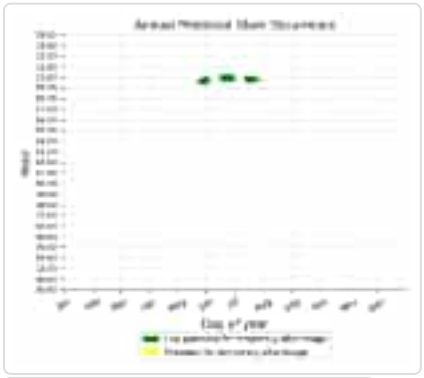


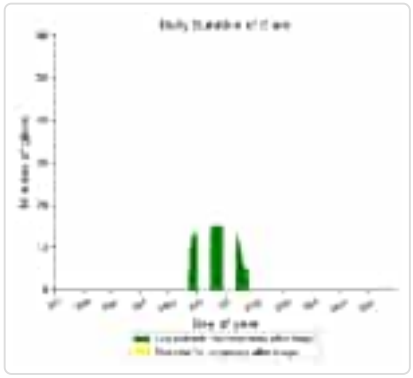


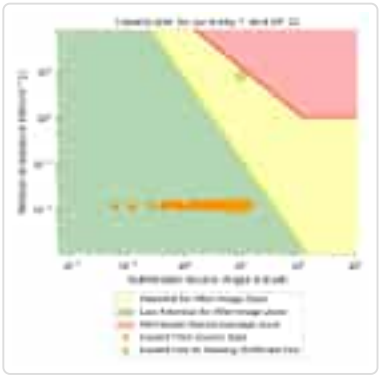
PV array 7: OP 22

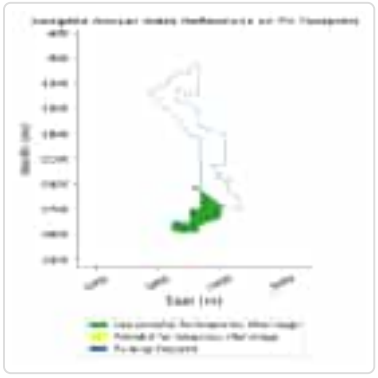
PV array is expected to produce the following glare for this receptor:

- 440 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 23

No glare found

PV array 7: OP 24

No glare found

PV array 7: OP 25

No glare found

PV array 7: OP 26

No glare found

PV array 7: OP 27

No glare found

PV array 7: OP 28

No glare found

PV array 7: OP 29

No glare found

PV array 7: OP 30

No glare found

PV array 7: OP 31

No glare found

PV array 7: OP 32

No glare found

PV array 7: OP 33

No glare found

PV array 7: OP 34

No glare found

PV array 7: OP 35

No glare found

PV array 7: OP 36

No glare found

PV array 7: OP 37

No glare found

PV array 7: OP 38

No glare found

PV array 7: OP 39

No glare found

PV array 7: OP 40

No glare found

PV array 7: OP 41

No glare found

PV array 7: OP 42

No glare found

PV array 7: OP 43

No glare found

PV array 7: OP 44

No glare found

PV array 7: OP 45

No glare found

PV array 7: OP 46

No glare found

PV array 7: OP 47

No glare found

PV array 7: OP 48

No glare found

PV array 7: OP 49

No glare found

PV array 7: OP 50

No glare found

PV array 7: OP 51

No glare found

PV array 7: OP 52

No glare found

PV array 7: OP 53

No glare found

PV array 7: OP 54

No glare found

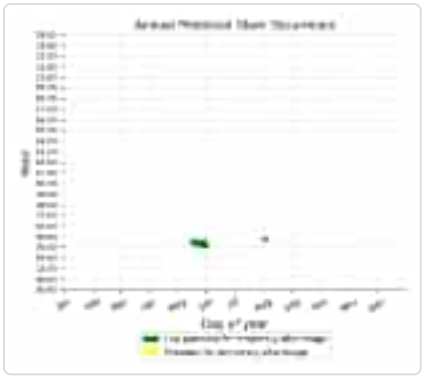
PV array 7: OP 55

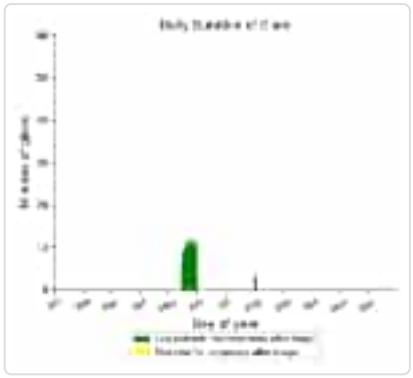
No glare found

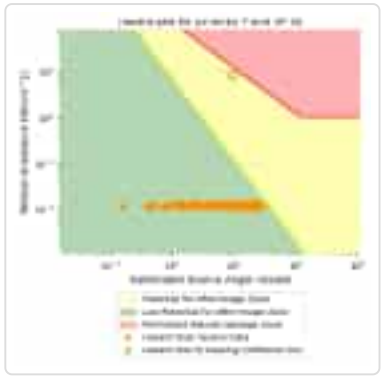
PV array 7: OP 56

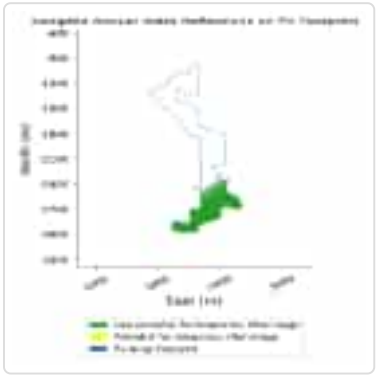
PV array is expected to produce the following glare for this receptor:

- 194 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





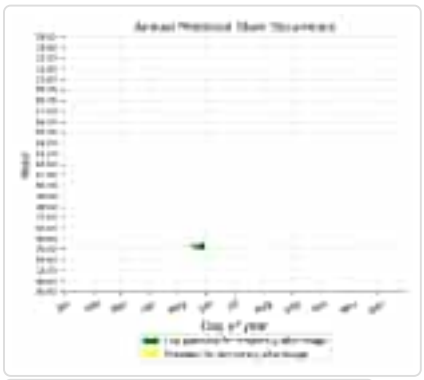


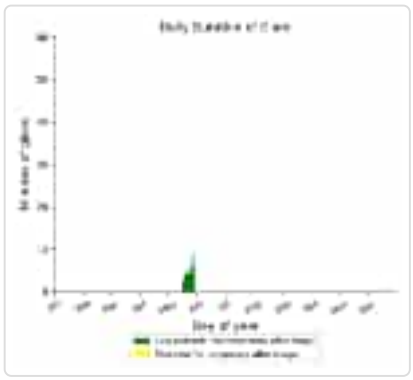


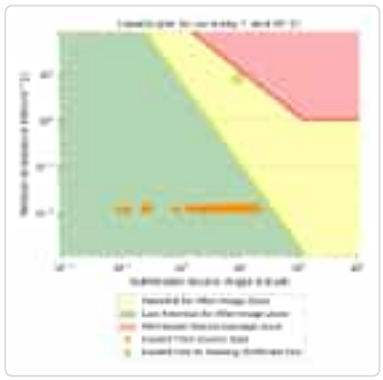
PV array 7: OP 57

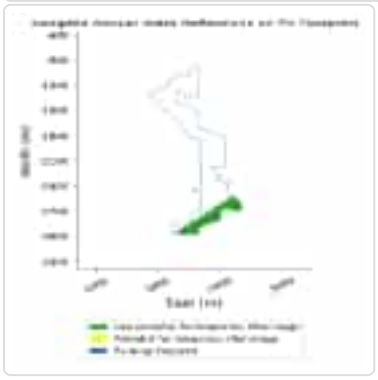
PV array is expected to produce the following glare for this receptor:

- 64 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 58

No glare found

PV array 7: OP 59

No glare found

PV array 7: OP 60

No glare found

PV array 7: OP 61

No glare found

PV array 7: OP 62

No glare found

PV array 7: OP 63

No glare found

PV array 7: OP 64

No glare found

PV array 8 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0

OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

No glare found

PV array 9 low potential for temporary after-image

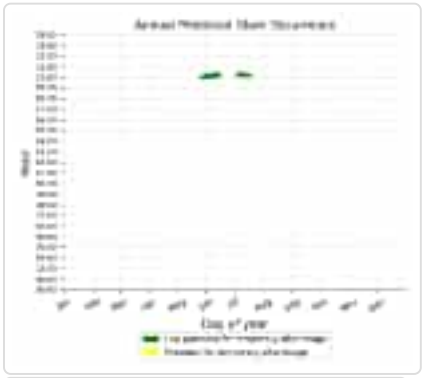
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	224	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	157	0
OP: OP 11	332	0
OP: OP 12	251	0
OP: OP 13	328	0
OP: OP 14	326	0
OP: OP 15	262	0
OP: OP 16	222	0
OP: OP 17	109	0
OP: OP 18	46	0
OP: OP 19	33	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0

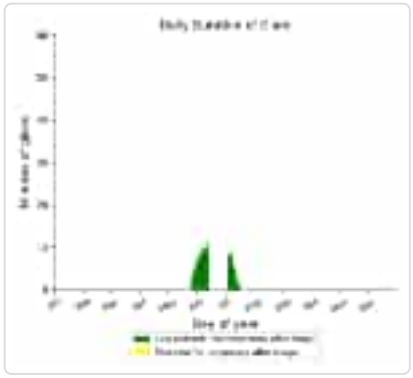
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	146	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

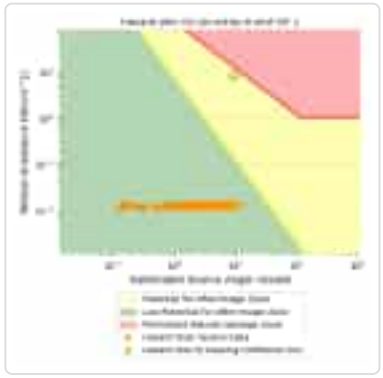
PV array 9: OP 1

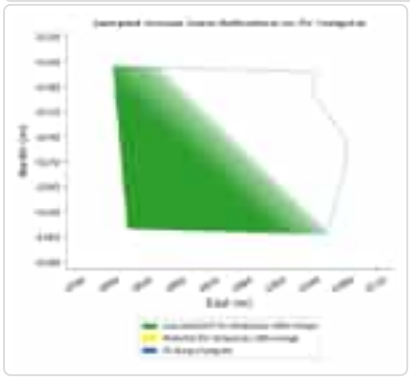
PV array is expected to produce the following glare for this receptor:

- 224 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 2

No glare found

PV array 9: OP 3

No glare found

PV array 9: OP 4

No glare found

PV array 9: OP 5

No glare found

PV array 9: OP 6

No glare found

PV array 9: OP 7

No glare found

PV array 9: OP 8

No glare found

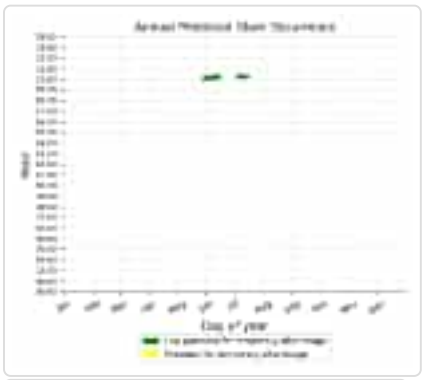
PV array 9: OP 9

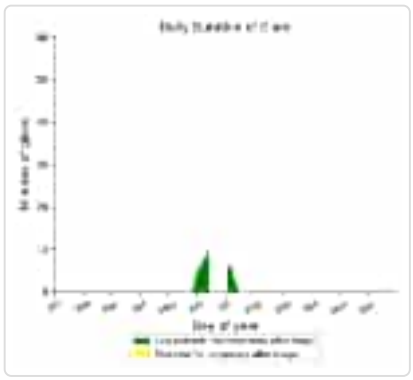
No glare found

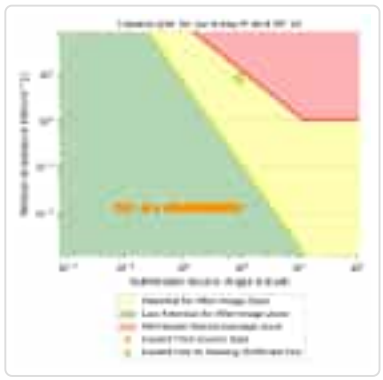
PV array 9: OP 10

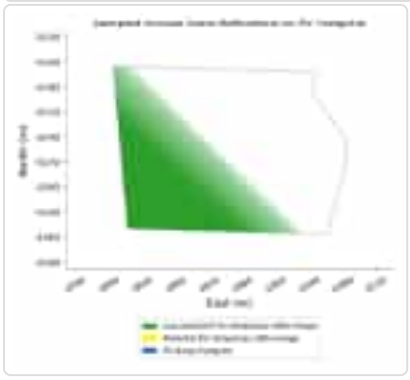
PV array is expected to produce the following glare for this receptor:

- 157 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





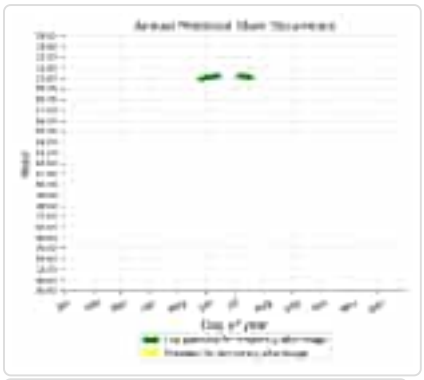


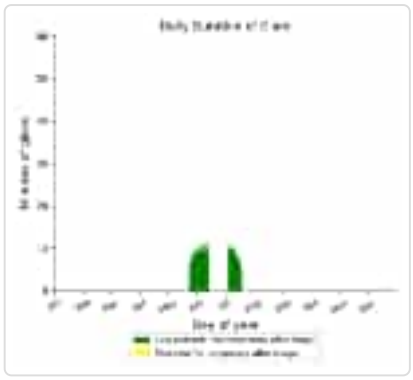


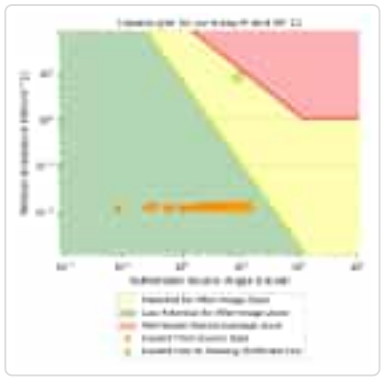
PV array 9: OP 11

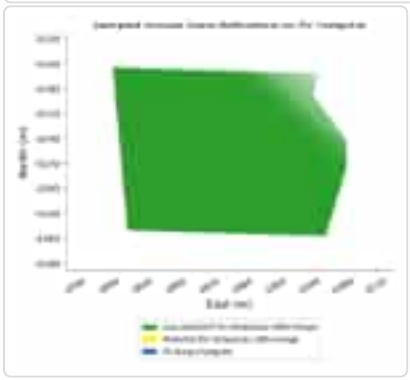
PV array is expected to produce the following glare for this receptor:

- 332 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





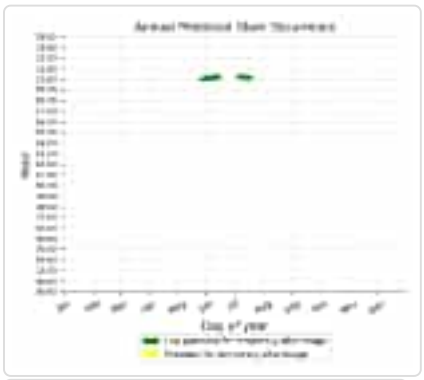


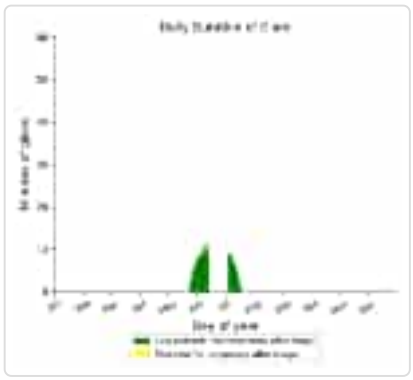


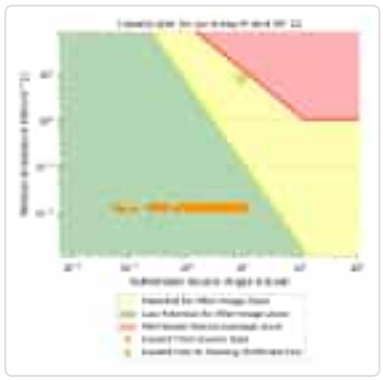
PV array 9: OP 12

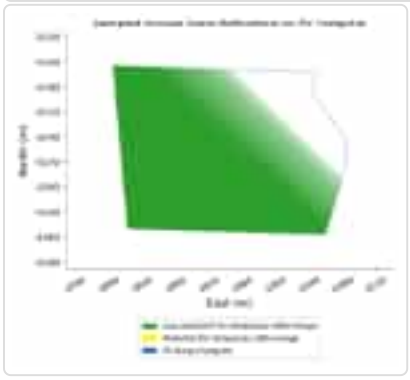
PV array is expected to produce the following glare for this receptor:

- 251 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





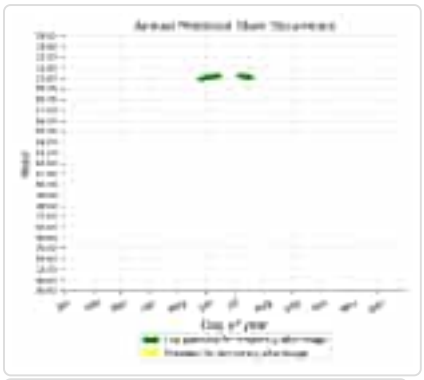


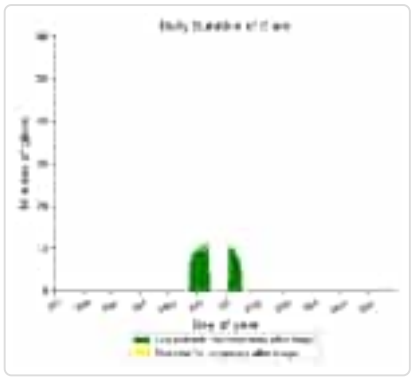


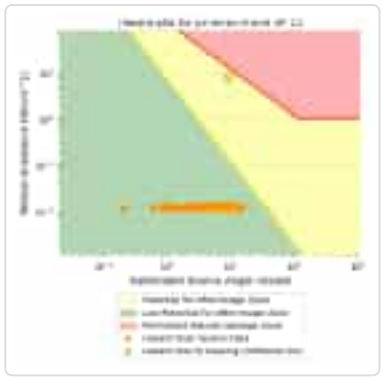
PV array 9: OP 13

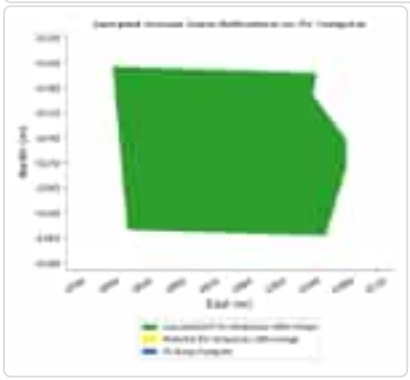
PV array is expected to produce the following glare for this receptor:

- 328 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





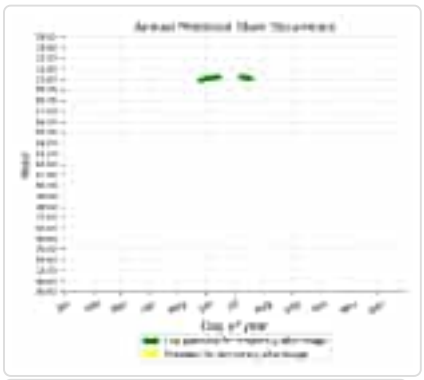


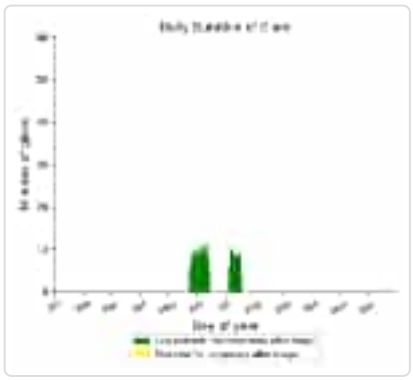


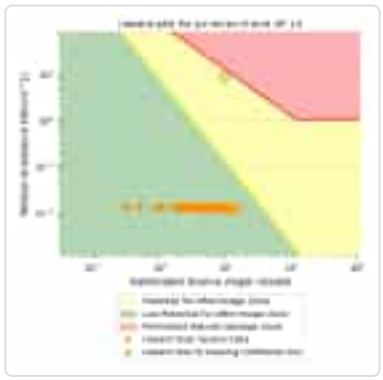
PV array 9: OP 14

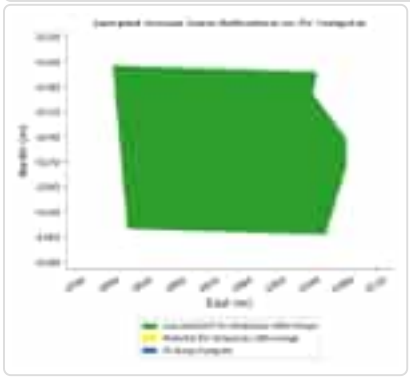
PV array is expected to produce the following glare for this receptor:

- 326 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





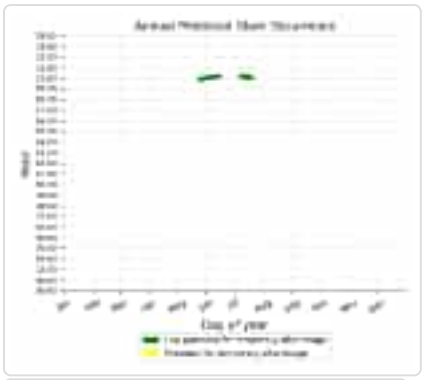


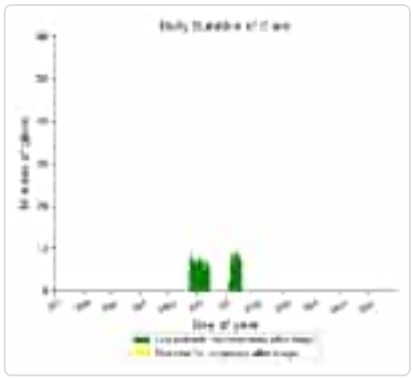


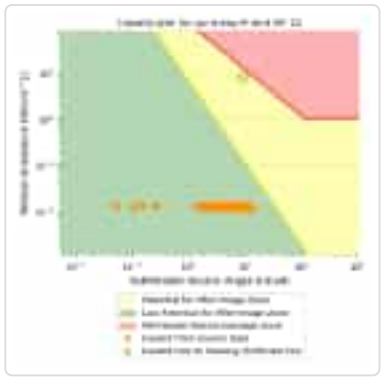
PV array 9: OP 15

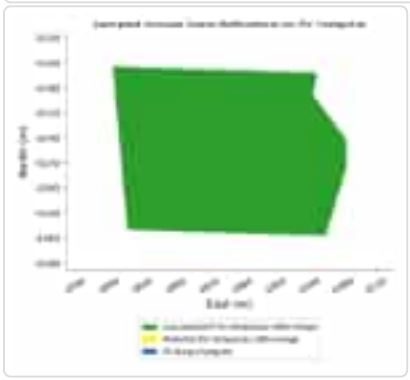
PV array is expected to produce the following glare for this receptor:

- 262 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





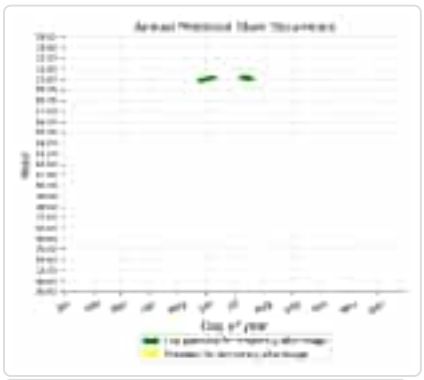


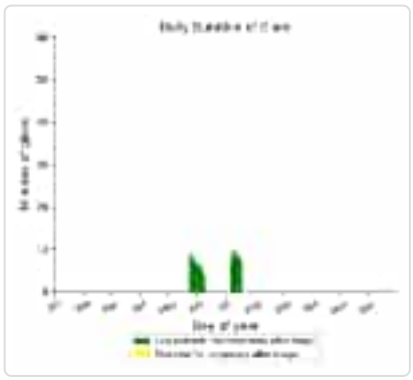


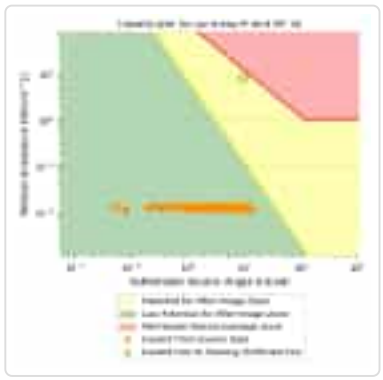
PV array 9: OP 16

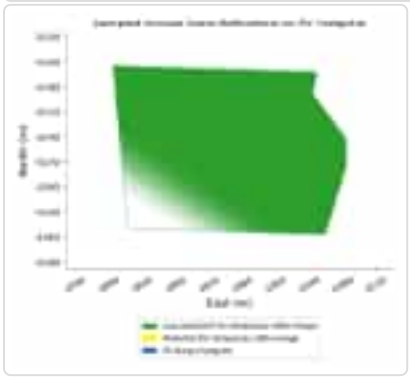
PV array is expected to produce the following glare for this receptor:

- 222 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





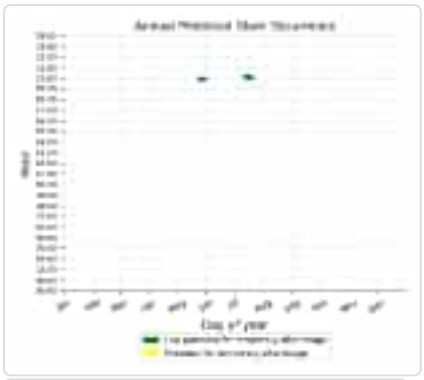


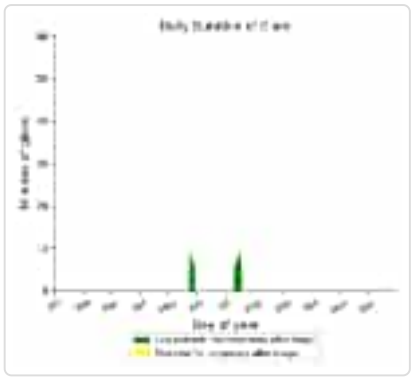


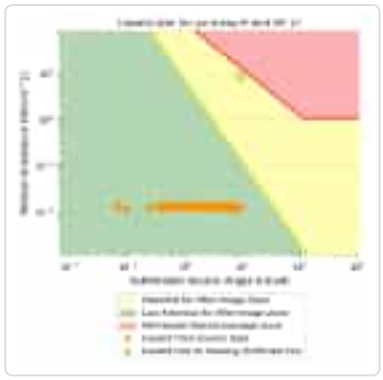
PV array 9: OP 17

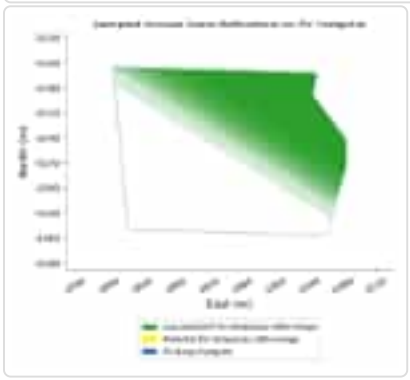
PV array is expected to produce the following glare for this receptor:

- 109 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





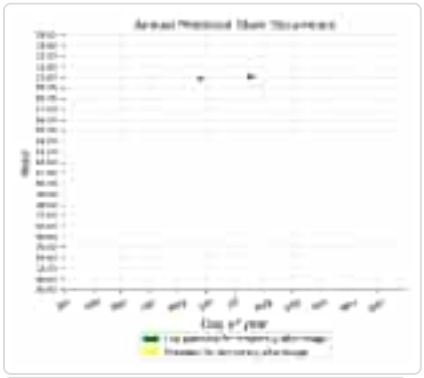


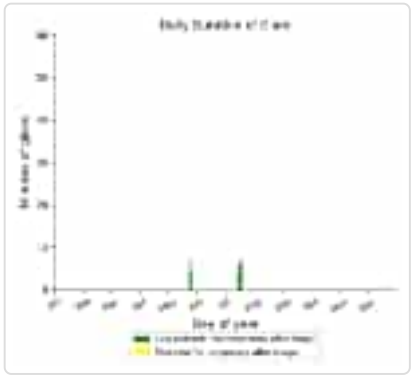


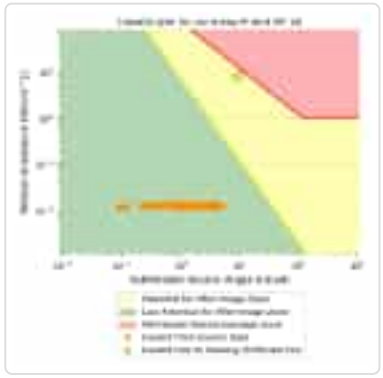
PV array 9: OP 18

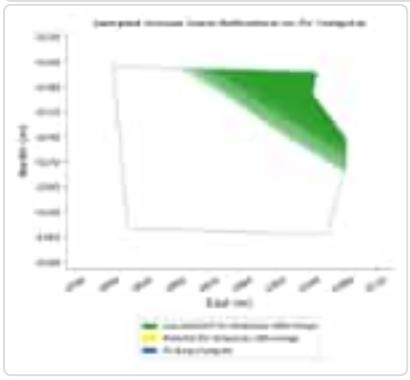
PV array is expected to produce the following glare for this receptor:

- 46 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





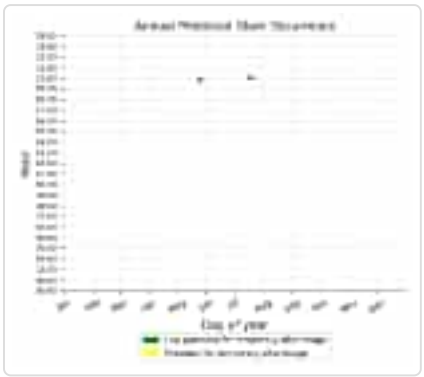


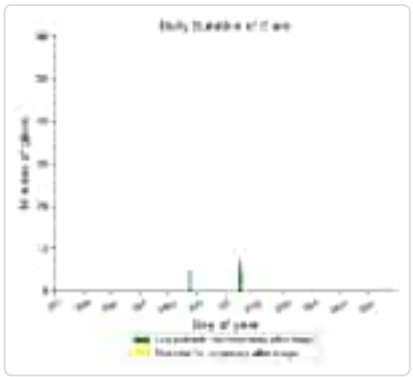


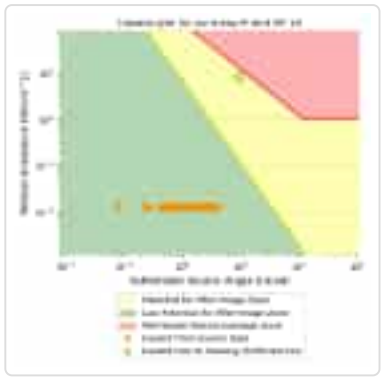
PV array 9: OP 19

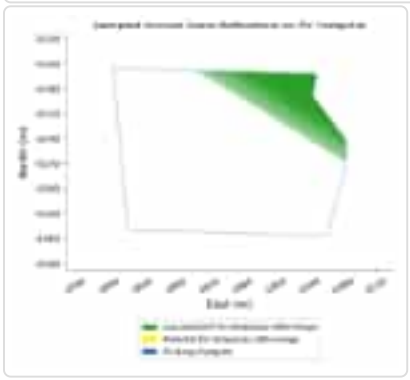
PV array is expected to produce the following glare for this receptor:

- 33 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 20

No glare found

PV array 9: OP 21

No glare found

PV array 9: OP 22

No glare found

PV array 9: OP 23

No glare found

PV array 9: OP 24

No glare found

PV array 9: OP 25

No glare found

PV array 9: OP 26

No glare found

PV array 9: OP 27

No glare found

PV array 9: OP 28

No glare found

PV array 9: OP 29

No glare found

PV array 9: OP 30

No glare found

PV array 9: OP 31

No glare found

PV array 9: OP 32

No glare found

PV array 9: OP 33

No glare found

PV array 9: OP 34

No glare found

PV array 9: OP 35

No glare found

PV array 9: OP 36

No glare found

PV array 9: OP 37

No glare found

PV array 9: OP 38

No glare found

PV array 9: OP 39

No glare found

PV array 9: OP 40

No glare found

PV array 9: OP 41

No glare found

PV array 9: OP 42

No glare found

PV array 9: OP 43

No glare found

PV array 9: OP 44

No glare found

PV array 9: OP 45

No glare found

PV array 9: OP 46

No glare found

PV array 9: OP 47

No glare found

PV array 9: OP 48

No glare found

PV array 9: OP 49

No glare found

PV array 9: OP 50

No glare found

PV array 9: OP 51

No glare found

PV array 9: OP 52

No glare found

PV array 9: OP 53

No glare found

PV array 9: OP 54

No glare found

PV array 9: OP 55

No glare found

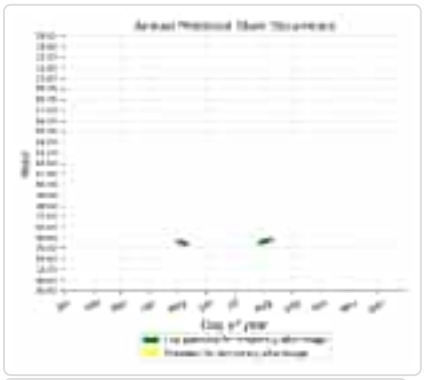
PV array 9: OP 56

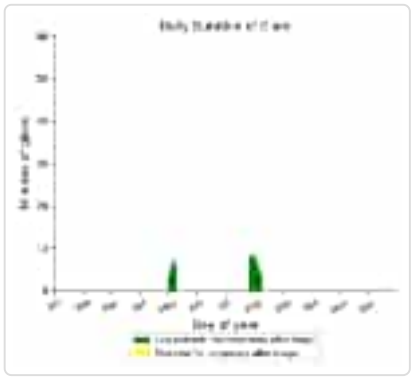
No glare found

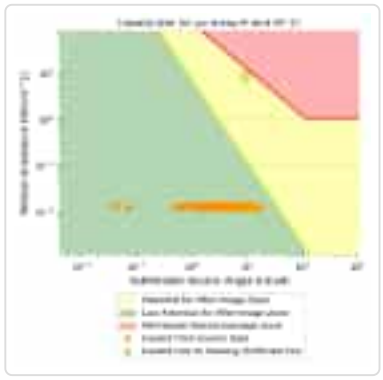
PV array 9: OP 57

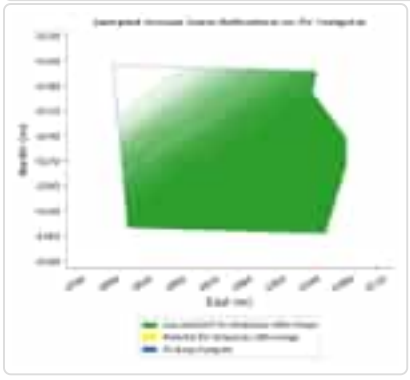
PV array is expected to produce the following glare for this receptor:

- 146 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 58

No glare found

PV array 9: OP 59

No glare found

PV array 9: OP 60

No glare found

PV array 9: OP 61

No glare found

PV array 9: OP 62

No glare found

PV array 9: OP 63

No glare found

PV array 9: OP 64

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Fosse Green Solar Farm

Fosse Green SF Rail 5 Degrees

Created Jan 11, 2024
Updated Sep 04, 2024
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 109530.18719

Project type Advanced
Project status: active
Category 10 MW to 100 MW

Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with low potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
PV array 1	5.0	180.0	1,574	0	-
PV array 10	5.0	180.0	0	0	-
PV array 11	5.0	180.0	0	0	-
PV array 12	5.0	180.0	0	0	-
PV array 13	5.0	180.0	0	0	-
PV array 14	5.0	180.0	0	0	-
PV array 15	5.0	180.0	0	0	-
PV array 2	5.0	180.0	1,978	0	-
PV array 3	5.0	180.0	0	0	-
PV array 4	5.0	180.0	0	0	-
PV array 5	5.0	180.0	1,309	0	-
PV array 6	5.0	180.0	0	0	-
PV array 7	5.0	180.0	0	0	-
PV array 8	5.0	180.0	0	0	-
PV array 9	5.0	180.0	0	0	-

Component Data

PV Array(s)

Total PV footprint area: 5,141,237 m^2

Name: PV array 1
Footprint area: 534,233 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.173327	-0.683693	15.22	3.50	18.72
2	53.171796	-0.684143	15.03	3.50	18.53
3	53.171552	-0.683478	15.19	3.50	18.69
4	53.171127	-0.682985	15.98	3.50	19.48
5	53.169712	-0.681805	15.00	3.50	18.50
6	53.168092	-0.681418	16.50	3.50	20.00
7	53.167989	-0.682362	16.00	3.50	19.50
8	53.167616	-0.682427	15.86	3.50	19.36
9	53.166844	-0.682749	16.00	3.50	19.50
10	53.166574	-0.682985	16.00	3.50	19.50
11	53.166123	-0.682920	16.00	3.50	19.50
12	53.166394	-0.680345	17.00	3.50	20.50
13	53.166741	-0.680410	16.40	3.50	19.90
14	53.166831	-0.679530	17.48	3.50	20.98
15	53.167320	-0.679659	17.17	3.50	20.67
16	53.167564	-0.677277	20.64	3.50	24.14
17	53.166522	-0.676741	20.78	3.50	24.28
18	53.164593	-0.675024	20.02	3.50	23.52
19	53.163010	-0.673672	18.14	3.50	21.64
20	53.162869	-0.672857	19.04	3.50	22.54
21	53.163088	-0.672084	19.80	3.50	23.30
22	53.163679	-0.671333	23.18	3.50	26.68
23	53.165403	-0.672857	27.63	3.50	31.13
24	53.165648	-0.671870	30.61	3.50	34.11
25	53.166458	-0.671269	32.00	3.50	35.50
26	53.166857	-0.671569	31.99	3.50	35.49
27	53.167847	-0.667406	24.66	3.50	28.16
28	53.169468	-0.666720	25.10	3.50	28.60
29	53.169031	-0.668608	27.89	3.50	31.39
30	53.169198	-0.670067	30.98	3.50	34.48
31	53.169982	-0.673629	26.94	3.50	30.44
32	53.170246	-0.673758	26.58	3.50	30.08
33	53.171294	-0.673125	28.40	3.50	31.90
34	53.171745	-0.672299	30.82	3.50	34.32
35	53.172105	-0.674048	26.50	3.50	30.00
36	53.171674	-0.675957	22.65	3.50	26.15
37	53.171507	-0.677599	22.08	3.50	25.58
38	53.171629	-0.678414	22.99	3.50	26.49
39	53.171918	-0.678833	24.21	3.50	27.71
40	53.171809	-0.679283	22.62	3.50	26.12
41	53.171449	-0.679391	20.48	3.50	23.98
42	53.170838	-0.677985	18.51	3.50	22.01
43	53.170593	-0.678028	17.96	3.50	21.46
44	53.170606	-0.678200	17.83	3.50	21.33
45	53.171372	-0.679906	19.18	3.50	22.68
46	53.171249	-0.681719	17.42	3.50	20.92
47	53.171378	-0.681955	17.27	3.50	20.77
48	53.171333	-0.682395	16.56	3.50	20.06
49	53.171597	-0.682502	16.79	3.50	20.29
50	53.173384	-0.681622	18.75	3.50	22.25

Name: PV array 10
Footprint area: 185,320 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.150798	-0.633966	8.64	3.50	12.14
2	53.150219	-0.635436	8.34	3.50	11.84
3	53.150026	-0.636744	8.28	3.50	11.78
4	53.148983	-0.636744	9.89	3.50	13.39
5	53.148803	-0.636862	10.13	3.50	13.63
6	53.148829	-0.637045	9.76	3.50	13.26
7	53.147420	-0.637957	10.19	3.50	13.69
8	53.146461	-0.637796	10.65	3.50	14.15
9	53.146126	-0.637302	11.44	3.50	14.94
10	53.145875	-0.635146	9.74	3.50	13.24
11	53.145566	-0.635264	9.14	3.50	12.64
12	53.145451	-0.635843	9.42	3.50	12.92
13	53.145142	-0.635951	9.94	3.50	13.44
14	53.144987	-0.634910	11.54	3.50	15.04
15	53.144637	-0.634278	12.00	3.50	15.50
16	53.143968	-0.633344	12.41	3.50	15.91
17	53.144200	-0.633280	11.84	3.50	15.34
18	53.144953	-0.632754	9.97	3.50	13.47
19	53.145828	-0.631949	10.31	3.50	13.81
20	53.146497	-0.631509	11.15	3.50	14.65
21	53.147668	-0.633848	12.51	3.50	16.01
22	53.148395	-0.633344	12.81	3.50	16.31
23	53.148254	-0.632947	13.08	3.50	16.58
24	53.148910	-0.632035	13.05	3.50	16.55
25	53.149148	-0.632604	13.03	3.50	16.53
26	53.149631	-0.631853	12.49	3.50	15.99

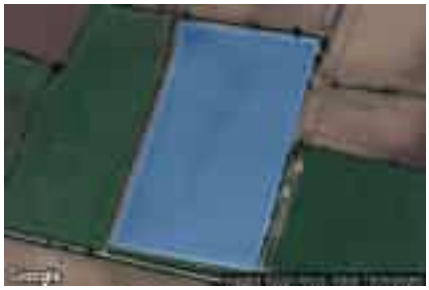
Name: PV array 11
Footprint area: 717,751 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.148506	-0.631749	13.14	3.50	16.64
2	53.147850	-0.632704	12.97	3.50	16.47
3	53.147683	-0.632715	12.37	3.50	15.87
4	53.146640	-0.630945	11.20	3.50	14.70
5	53.146396	-0.630848	12.22	3.50	15.72
6	53.145637	-0.631266	12.28	3.50	15.78
7	53.144343	-0.632565	11.04	3.50	14.54
8	53.142046	-0.627951	13.11	3.50	16.61
9	53.141524	-0.626084	12.34	3.50	15.84
10	53.138596	-0.627329	13.83	3.50	17.33
11	53.138454	-0.627232	13.48	3.50	16.98
12	53.137051	-0.628370	12.96	3.50	16.46
13	53.137154	-0.629056	13.21	3.50	16.71
14	53.135919	-0.628649	14.19	3.50	17.69
15	53.135771	-0.627640	12.78	3.50	16.28
16	53.134593	-0.628456	13.03	3.50	16.53
17	53.134464	-0.624700	12.77	3.50	16.27
18	53.134618	-0.624700	12.76	3.50	16.26
19	53.134631	-0.624990	12.76	3.50	16.26
20	53.135655	-0.624947	12.58	3.50	16.08
21	53.135758	-0.626331	11.86	3.50	15.36
22	53.136112	-0.626567	11.92	3.50	15.42
23	53.136549	-0.625162	10.74	3.50	14.24
24	53.136717	-0.625055	10.13	3.50	13.63
25	53.136652	-0.624636	10.38	3.50	13.88
26	53.137450	-0.624089	10.03	3.50	13.53
27	53.135830	-0.616790	7.11	3.50	10.61
28	53.136200	-0.615960	9.66	3.50	13.16
29	53.137240	-0.614930	7.15	3.50	10.65
30	53.137620	-0.615710	7.24	3.50	10.74
31	53.137860	-0.615550	7.38	3.50	10.88
32	53.137990	-0.614790	7.14	3.50	10.64
33	53.139105	-0.617426	7.93	3.50	11.43
34	53.139800	-0.619754	11.05	3.50	14.55
35	53.141717	-0.618682	9.38	3.50	12.88
36	53.142129	-0.620227	11.21	3.50	14.71
37	53.142007	-0.620323	10.80	3.50	14.30
38	53.142541	-0.622211	11.19	3.50	14.69
39	53.144034	-0.620784	11.76	3.50	15.26
40	53.144607	-0.623563	11.92	3.50	15.42
41	53.145591	-0.624582	12.63	3.50	16.13
42	53.145044	-0.625248	12.90	3.50	16.40
43	53.145077	-0.625666	12.28	3.50	15.78
44	53.146634	-0.628348	11.72	3.50	15.22
45	53.146808	-0.628220	12.16	3.50	15.66
46	53.148268	-0.630762	12.11	3.50	15.61
47	53.148101	-0.631030	11.92	3.50	15.42

Name: PV array 12
Footprint area: 73,115 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.136228	-0.613414	8.07	3.50	11.57
2	53.135854	-0.613478	8.46	3.50	11.96
3	53.133222	-0.614980	9.82	3.50	13.32
4	53.132887	-0.611772	10.64	3.50	14.14
5	53.135977	-0.610335	9.13	3.50	12.63

Name: PV array 13
Footprint area: 735,403 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.135585	-0.658160	11.48	3.50	14.98
2	53.136461	-0.665906	14.75	3.50	18.25
3	53.130642	-0.667945	14.56	3.50	18.06
4	53.130333	-0.666357	13.81	3.50	17.31
5	53.128440	-0.666872	14.86	3.50	18.36
6	53.128582	-0.668717	14.77	3.50	18.27
7	53.128273	-0.668782	14.57	3.50	18.07
8	53.128131	-0.667301	14.49	3.50	17.99
9	53.125730	-0.667666	13.07	3.50	16.57
10	53.125710	-0.667945	12.94	3.50	16.44
11	53.124455	-0.667505	13.19	3.50	16.69
12	53.124558	-0.666711	12.70	3.50	16.20
13	53.123380	-0.665788	11.31	3.50	14.81
14	53.123457	-0.665370	11.00	3.50	14.50
15	53.123122	-0.665220	12.04	3.50	15.54
16	53.123476	-0.663514	13.15	3.50	16.65
17	53.124365	-0.661776	13.29	3.50	16.79
18	53.124571	-0.660832	13.96	3.50	17.46
19	53.125067	-0.660220	13.10	3.50	16.60
20	53.126410	-0.656650	11.66	3.50	15.16
21	53.126650	-0.656260	11.38	3.50	14.88
22	53.126960	-0.656270	11.65	3.50	15.15
23	53.127018	-0.656070	12.25	3.50	15.75
24	53.127600	-0.659050	12.08	3.50	15.58
25	53.128790	-0.658920	13.52	3.50	17.02
26	53.129280	-0.661440	14.94	3.50	18.44
27	53.131090	-0.659840	14.90	3.50	18.40
28	53.131520	-0.659500	14.40	3.50	17.90
29	53.132320	-0.658860	12.70	3.50	16.20
30	53.133270	-0.657930	12.71	3.50	16.21
31	53.133345	-0.658664	11.01	3.50	14.51

Name: PV array 14
Footprint area: 201,710 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132660	-0.653180	10.42	3.50	13.92
2	53.132070	-0.653360	10.23	3.50	13.73
3	53.131511	-0.653075	11.28	3.50	14.78
4	53.130770	-0.652409	10.38	3.50	13.88
5	53.130352	-0.650049	9.94	3.50	13.44
6	53.130095	-0.649556	9.85	3.50	13.35
7	53.130275	-0.649255	10.71	3.50	14.21
8	53.132390	-0.648020	11.38	3.50	14.88
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
15	53.138060	-0.652120	9.08	23.50	32.58
15	53.138060	-0.652120	9.08	23.50	32.58
15	53.138060	-0.652120	9.08	23.50	32.58
15	53.138060	-0.652120	9.08	23.50	32.58
15	53.138060	-0.652120	9.08	23.50	32.58
15	53.138060	-0.652120	9.08	23.50	32.58
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38

18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38

Name: PV array 15
Footprint area: 78,226 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132772	-0.647378	9.94	3.50	13.44
2	53.130056	-0.648847	10.80	3.50	14.30
3	53.129882	-0.649255	9.89	3.50	13.39
4	53.129303	-0.648847	10.80	3.50	14.30
5	53.128942	-0.648858	10.87	3.50	14.37
6	53.128884	-0.648418	11.51	3.50	15.01
7	53.128311	-0.648386	11.43	3.50	14.93
8	53.128105	-0.646884	11.40	3.50	14.90
9	53.130622	-0.645758	10.83	3.50	14.33
10	53.130700	-0.646122	11.65	3.50	15.15
11	53.131298	-0.645768	10.18	3.50	13.68
12	53.132410	-0.645330	9.00	3.50	12.50

Name: PV array 2
Footprint area: 575,691 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.178640	-0.666110	19.50	3.50	23.00
2	53.177870	-0.669090	19.28	3.50	22.78
3	53.176523	-0.668029	19.69	3.50	23.19
4	53.174220	-0.666891	26.06	3.50	29.56
5	53.174465	-0.660669	17.80	3.50	21.30
6	53.172497	-0.660755	16.16	3.50	19.66
7	53.172510	-0.661355	17.14	3.50	20.64
8	53.172960	-0.661484	17.29	3.50	20.79
9	53.173230	-0.666677	24.28	3.50	27.78
10	53.172175	-0.666226	20.97	3.50	24.47
11	53.171823	-0.664919	19.69	3.50	23.19
12	53.171714	-0.664865	19.72	3.50	23.22
13	53.170968	-0.662526	18.08	3.50	21.58
14	53.170357	-0.661797	17.29	3.50	20.79
15	53.174293	-0.653523	13.69	3.50	17.19
16	53.178283	-0.655459	15.69	3.50	19.19
17	53.179363	-0.655588	13.41	3.50	16.91
18	53.178051	-0.662519	19.70	3.50	23.20
19	53.177884	-0.665737	19.63	3.50	23.13

Name: PV array 3
Footprint area: 679,844 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.162240	-0.675330	17.85	3.50	21.35
2	53.159340	-0.671810	16.96	3.50	20.46
3	53.159790	-0.670480	16.50	3.50	20.00
4	53.160860	-0.668250	17.83	3.50	21.33
5	53.160420	-0.666810	17.26	3.50	20.76
6	53.159450	-0.669110	15.52	3.50	19.02
7	53.159860	-0.669750	15.96	3.50	19.46
8	53.159140	-0.671710	16.90	3.50	20.40
9	53.158240	-0.670650	16.68	3.50	20.18
10	53.158390	-0.670070	16.03	3.50	19.53
11	53.157840	-0.668790	15.77	3.50	19.27
12	53.159770	-0.664130	19.42	3.50	22.92
13	53.159920	-0.664410	18.34	3.50	21.84
14	53.160980	-0.661830	24.57	3.50	28.07
15	53.161160	-0.662010	24.26	3.50	27.76
16	53.161290	-0.661640	25.79	3.50	29.29
17	53.161160	-0.661450	26.00	3.50	29.50
18	53.162190	-0.659350	26.37	3.50	29.87
19	53.162080	-0.658850	26.32	3.50	29.82
20	53.162650	-0.657690	27.46	3.50	30.96
21	53.165690	-0.658340	22.70	3.50	26.20
22	53.165920	-0.658980	21.27	3.50	24.77
23	53.166210	-0.659430	20.99	3.50	24.49
24	53.165960	-0.661020	21.23	3.50	24.73
25	53.167980	-0.662370	18.26	3.50	21.76
26	53.167650	-0.663320	18.23	3.50	21.73
27	53.167500	-0.667240	23.91	3.50	27.41
28	53.164620	-0.668620	26.56	3.50	30.06
29	53.164820	-0.669520	27.49	3.50	30.99
30	53.163160	-0.671190	20.73	3.50	24.23
31	53.162730	-0.672050	18.84	3.50	22.34
32	53.162570	-0.673160	18.39	3.50	21.89
33	53.162750	-0.673700	17.85	3.50	21.35
34	53.162650	-0.674340	17.02	3.50	20.52

Name: PV array 4
Footprint area: 539,031 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.172585	-0.642585	14.81	3.50	18.31
2	53.173512	-0.648335	13.73	3.50	17.23
3	53.168740	-0.657433	17.19	3.50	20.69
4	53.168530	-0.657412	16.94	3.50	20.44
5	53.168310	-0.657830	18.09	3.50	21.59
6	53.168300	-0.658730	18.04	3.50	21.54
7	53.168070	-0.658890	17.95	3.50	21.45
8	53.165850	-0.657640	21.97	3.50	25.47
8	53.165850	-0.657640	21.97	3.50	25.47
8	53.165850	-0.657640	21.97	3.50	25.47
8	53.165850	-0.657640	21.97	3.50	25.47
8	53.165850	-0.657640	21.97	3.50	25.47
8	53.165850	-0.657640	21.97	3.50	25.47
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
14	53.167520	-0.655510	17.58	3.50	21.08
15	53.167980	-0.655110	18.44	3.50	21.94
16	53.169113	-0.651554	16.06	3.50	19.56
17	53.169113	-0.651060	15.41	3.50	18.91
18	53.168032	-0.650867	15.63	3.50	19.13
19	53.167955	-0.651597	16.07	3.50	19.57
20	53.167337	-0.651232	15.83	3.50	19.33
21	53.166077	-0.651103	19.26	3.50	22.76
22	53.166115	-0.650481	18.68	3.50	22.18
23	53.165961	-0.650181	19.78	3.50	23.28
24	53.168251	-0.644537	17.16	3.50	20.66
25	53.168920	-0.644687	16.30	3.50	19.80
26	53.170129	-0.644408	16.57	3.50	20.07
27	53.171132	-0.643754	15.25	3.50	18.75
28	53.171151	-0.643400	15.23	3.50	18.73
29	53.172000	-0.642681	14.97	3.50	18.47

Name: PV array 5
Footprint area: 85,119 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.175987	-0.638261	17.17	3.50	20.67
2	53.175962	-0.637317	17.32	3.50	20.82
3	53.175704	-0.636180	15.99	3.50	19.49
4	53.172039	-0.635257	10.34	3.50	13.84
5	53.170855	-0.638197	11.33	3.50	14.83
6	53.174251	-0.638304	12.30	3.50	15.80

Name: PV array 6
Footprint area: 178,317 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.167678	-0.644140	17.52	3.50	21.02
2	53.165556	-0.649011	19.39	3.50	22.89
3	53.164810	-0.644784	20.41	3.50	23.91
4	53.165350	-0.641716	16.27	3.50	19.77
5	53.163562	-0.640986	20.48	3.50	23.98
6	53.161902	-0.640643	22.38	3.50	25.88
7	53.159226	-0.640385	15.78	3.50	19.28
8	53.159329	-0.638197	13.14	3.50	16.64
9	53.162726	-0.638883	20.72	3.50	24.22
10	53.164115	-0.639205	17.21	3.50	20.71
11	53.165183	-0.639763	14.44	3.50	17.94
12	53.165800	-0.640707	14.81	3.50	18.31
13	53.166366	-0.642209	16.10	3.50	19.60
14	53.166971	-0.643282	16.63	3.50	20.13

Name: PV array 7
Footprint area: 492,432 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.164655	-0.651071	23.57	3.50	27.07
2	53.164218	-0.652101	24.34	3.50	27.84
3	53.163588	-0.652015	24.43	3.50	27.93
4	53.163575	-0.652466	24.10	3.50	27.60
5	53.163883	-0.652809	24.86	3.50	28.36
6	53.162790	-0.655406	26.04	3.50	29.54
7	53.162404	-0.655148	26.50	3.50	30.00
8	53.162082	-0.655835	27.39	3.50	30.89
9	53.162263	-0.656543	27.11	3.50	30.61
10	53.161516	-0.658324	26.25	3.50	29.75
11	53.158776	-0.654054	22.55	3.50	26.05
12	53.156879	-0.652104	18.45	3.50	21.95
13	53.156840	-0.650806	17.85	3.50	21.35
14	53.156634	-0.650474	16.75	3.50	20.25
15	53.155412	-0.650935	12.99	3.50	16.49
16	53.155245	-0.650441	12.47	3.50	15.97
17	53.154428	-0.650484	11.62	3.50	15.12
18	53.152317	-0.650581	10.82	3.50	14.32
19	53.151545	-0.650656	11.68	3.50	15.18
20	53.151481	-0.651761	11.49	3.50	14.99
21	53.151159	-0.651729	12.56	3.50	16.06
22	53.151178	-0.650924	12.32	3.50	15.82
23	53.150863	-0.650624	12.97	3.50	16.47
24	53.149042	-0.650581	13.39	3.50	16.89
25	53.149113	-0.652083	14.82	3.50	18.32
26	53.147459	-0.652115	10.92	3.50	14.42
27	53.147762	-0.654604	14.65	3.50	18.15
28	53.146730	-0.654770	11.29	3.50	14.79
29	53.146710	-0.654450	10.79	3.50	14.29
30	53.146660	-0.653930	9.99	3.50	13.49
31	53.146560	-0.653210	9.32	3.50	12.82
32	53.146500	-0.652650	9.65	3.50	13.15
33	53.146620	-0.652540	9.69	3.50	13.19
34	53.146670	-0.652330	9.64	3.50	13.14
35	53.146500	-0.650990	8.94	3.50	12.44
36	53.146830	-0.651060	9.07	3.50	12.57
37	53.147220	-0.650840	9.43	3.50	12.93
38	53.147530	-0.650195	9.95	3.50	13.45
39	53.148058	-0.647824	10.34	3.50	13.84
40	53.149293	-0.647502	11.75	3.50	15.25
41	53.149364	-0.647008	11.40	3.50	14.90
42	53.149004	-0.645163	9.84	3.50	13.34
43	53.149068	-0.644702	10.07	3.50	13.57
44	53.149589	-0.644659	10.09	3.50	13.59
45	53.150246	-0.645152	10.47	3.50	13.97
46	53.150709	-0.646118	10.77	3.50	14.27
47	53.150861	-0.646854	11.55	3.50	15.05
48	53.152186	-0.646683	10.55	3.50	14.05
49	53.152302	-0.648378	10.85	3.50	14.35
50	53.152559	-0.648356	11.03	3.50	14.53
51	53.152650	-0.647820	11.33	3.50	14.83
52	53.152843	-0.647562	10.51	3.50	14.01
53	53.152984	-0.648185	10.54	3.50	14.04
54	53.153396	-0.648850	10.72	3.50	14.22
55	53.153821	-0.649000	11.70	3.50	15.20
56	53.153821	-0.647176	11.57	3.50	15.07
57	53.157030	-0.647114	18.62	3.50	22.12
58	53.157911	-0.650923	21.21	3.50	24.71
59	53.159526	-0.650773	24.30	3.50	27.80
60	53.159841	-0.651545	25.93	3.50	29.43
61	53.160478	-0.652318	28.32	3.50	31.82
62	53.160542	-0.654142	27.00	3.50	30.50
63	53.161668	-0.654152	28.25	3.50	31.75
64	53.162003	-0.653691	27.32	3.50	30.82

65	53.161359	-0.652489	27.84	3.50	31.34
66	53.161314	-0.650848	28.23	3.50	31.73

Name: PV array 8
Footprint area: 15,661 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.149067	-0.644094	9.24	3.50	12.74
2	53.149505	-0.644029	9.82	3.50	13.32
3	53.149878	-0.644094	9.57	3.50	13.07
4	53.150888	-0.643353	9.27	3.50	12.77
5	53.150521	-0.642002	8.25	3.50	11.75
6	53.149871	-0.642806	8.50	3.50	12.00
7	53.149472	-0.642796	8.80	3.50	12.30
8	53.149215	-0.643192	8.74	3.50	12.24
9	53.149022	-0.644072	9.17	3.50	12.67

Name: PV array 9
Footprint area: 49,385 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Smooth glass without AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 6.55 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.144985	-0.656700	12.95	3.50	16.45
2	53.143230	-0.656440	10.07	3.50	13.57
3	53.143170	-0.652900	8.94	3.50	12.44
4	53.143890	-0.652530	9.13	3.50	12.63
5	53.144200	-0.652530	9.20	3.50	12.70
6	53.144680	-0.653130	9.45	3.50	12.95
7	53.144910	-0.653050	9.39	3.50	12.89

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	53.171147	-0.699403	14.90	2.75	17.65
OP 2	53.172317	-0.697086	13.85	2.75	16.60
OP 3	53.173681	-0.694683	14.78	2.75	17.53
OP 4	53.174902	-0.692280	14.00	2.75	16.75
OP 5	53.175983	-0.690284	12.96	2.75	15.71
OP 6	53.177217	-0.688031	14.00	2.75	16.75
OP 7	53.178401	-0.685735	14.77	2.75	17.52
OP 8	53.179597	-0.683589	15.22	2.75	17.97
OP 9	53.180908	-0.681014	16.79	2.75	19.54
OP 10	53.181937	-0.678847	15.65	2.75	18.40
OP 11	53.182901	-0.676530	15.79	2.75	18.54
OP 12	53.183853	-0.673847	14.15	2.75	16.90
OP 13	53.184650	-0.671294	14.24	2.75	16.99

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
PV array 1	5.0	180.0	1,574	0	-	-
PV array 10	5.0	180.0	0	0	-	-
PV array 11	5.0	180.0	0	0	-	-
PV array 12	5.0	180.0	0	0	-	-
PV array 13	5.0	180.0	0	0	-	-
PV array 14	5.0	180.0	0	0	-	-
PV array 15	5.0	180.0	0	0	-	-
PV array 2	5.0	180.0	1,978	0	-	-
PV array 3	5.0	180.0	0	0	-	-
PV array 4	5.0	180.0	0	0	-	-
PV array 5	5.0	180.0	1,309	0	-	-
PV array 6	5.0	180.0	0	0	-	-
PV array 7	5.0	180.0	0	0	-	-
PV array 8	5.0	180.0	0	0	-	-
PV array 9	5.0	180.0	0	0	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
pv-array-1 (green)	0	0	133	473	0	0	0	302	305	0	0	0
pv-array-1 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-2 (green)	0	0	20	222	69	0	0	252	55	0	0	0
pv-array-2 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-5 (green)	0	0	148	211	0	0	0	46	313	0	0	0
pv-array-5 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

PV array 1 low potential for temporary after-image

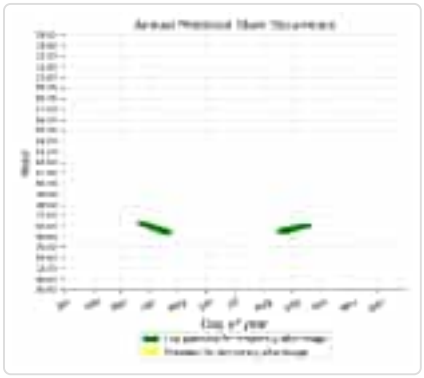
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	1208	0
OP: OP 2	366	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0

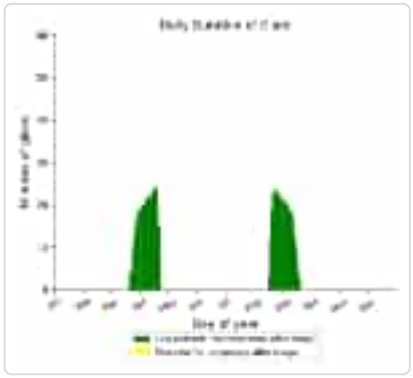
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

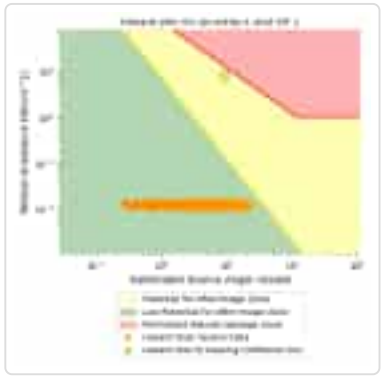
PV array 1: OP 1

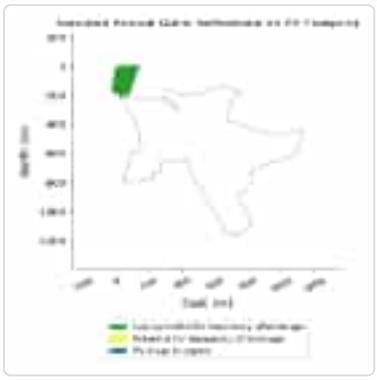
PV array is expected to produce the following glare for this receptor:

- 1,208 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





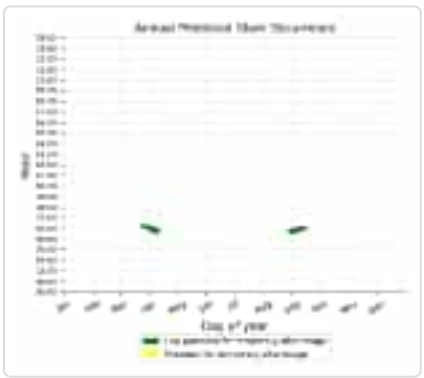


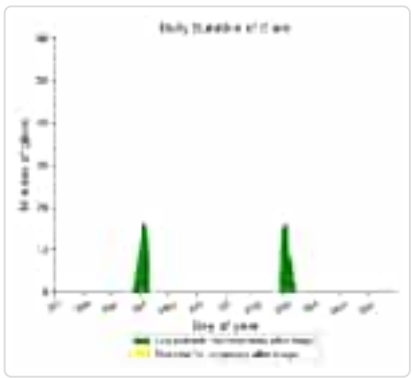


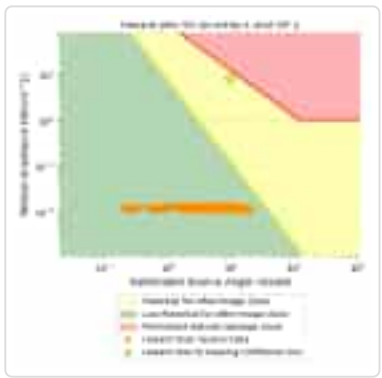
PV array 1: OP 2

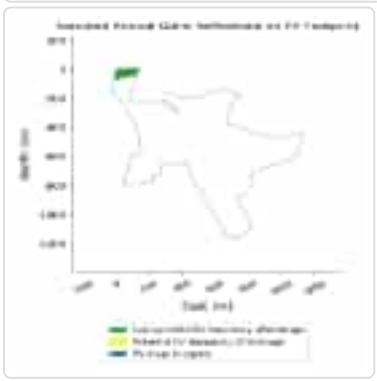
PV array is expected to produce the following glare for this receptor:

- 366 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 3

No glare found

PV array 1: OP 4

No glare found

PV array 1: OP 5

No glare found

PV array 1: OP 6

No glare found

PV array 1: OP 7

No glare found

PV array 1: OP 8

No glare found

PV array 1: OP 9

No glare found

PV array 1: OP 10

No glare found

PV array 1: OP 11

No glare found

PV array 1: OP 12

No glare found

PV array 1: OP 13

No glare found

PV array 10 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

No glare found

PV array 11 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

No glare found

PV array 12 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

No glare found

PV array 13 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

No glare found

PV array 14 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

No glare found

PV array 15 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

No glare found

PV array 2 low potential for temporary after-image

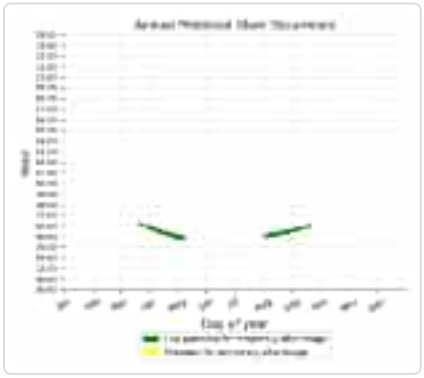
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	600	0
OP: OP 2	512	0
OP: OP 3	394	0
OP: OP 4	255	0
OP: OP 5	138	0
OP: OP 6	79	0
OP: OP 7	0	0
OP: OP 8	0	0

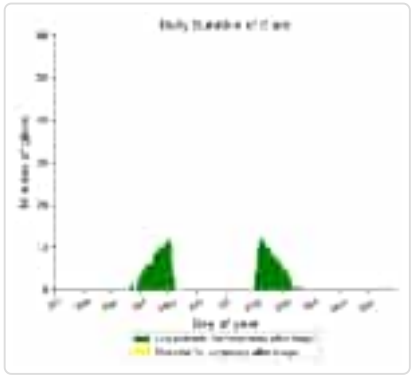
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

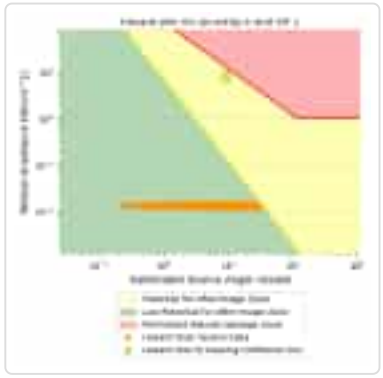
PV array 2: OP 1

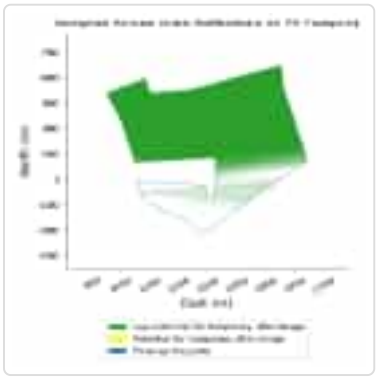
PV array is expected to produce the following glare for this receptor:

- 600 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





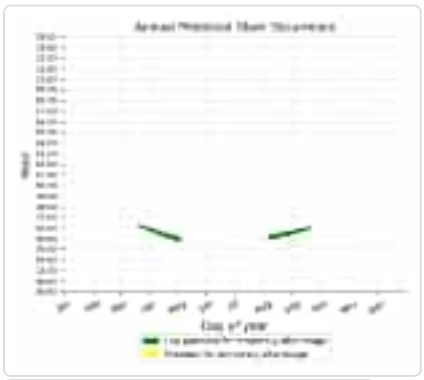


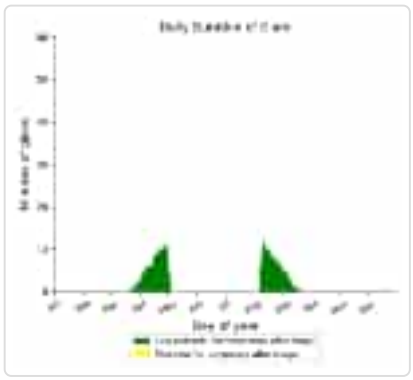


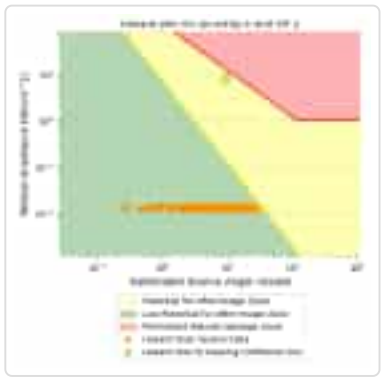
PV array 2: OP 2

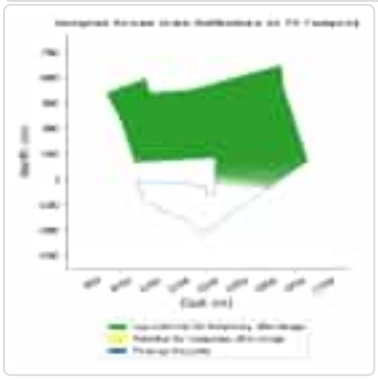
PV array is expected to produce the following glare for this receptor:

- 512 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





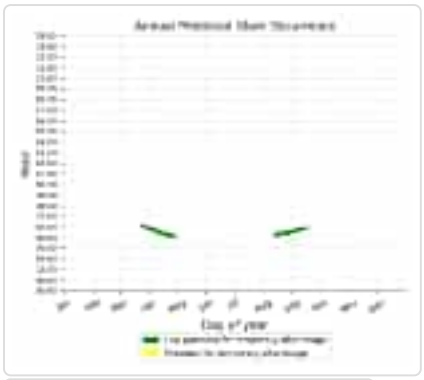


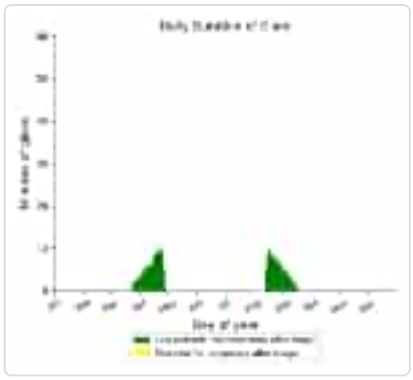


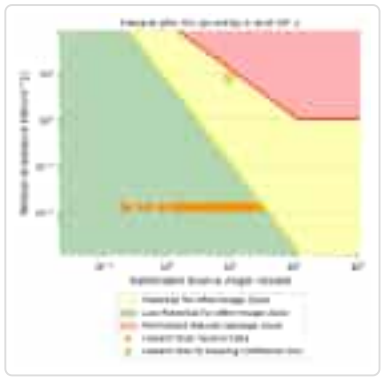
PV array 2: OP 3

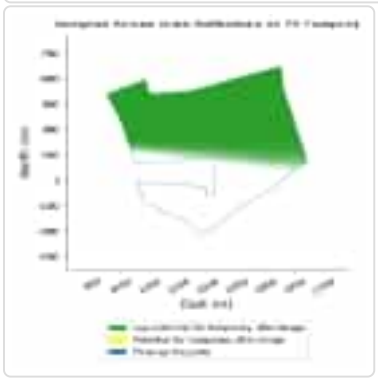
PV array is expected to produce the following glare for this receptor:

- 394 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





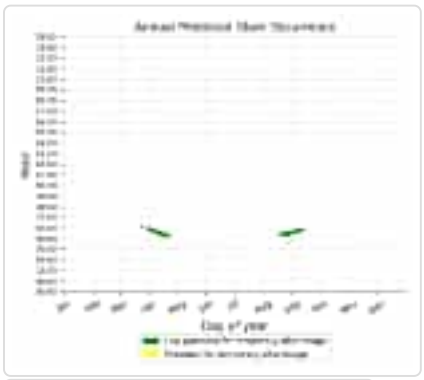


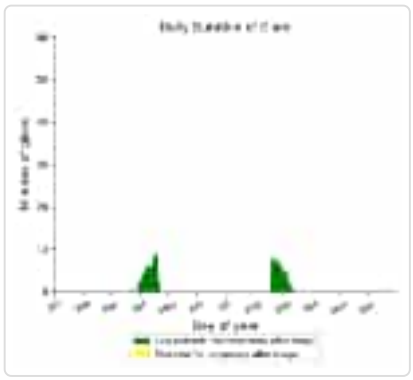


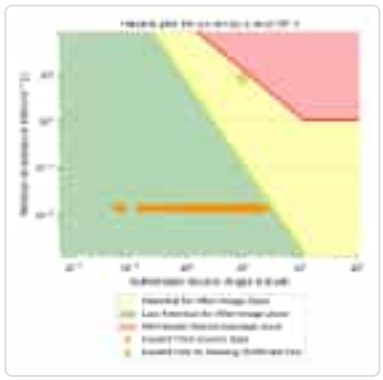
PV array 2: OP 4

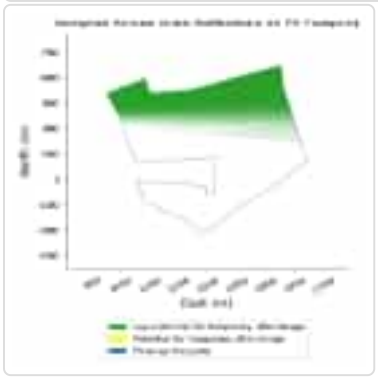
PV array is expected to produce the following glare for this receptor:

- 255 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





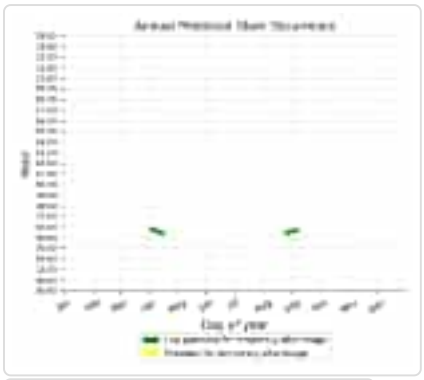


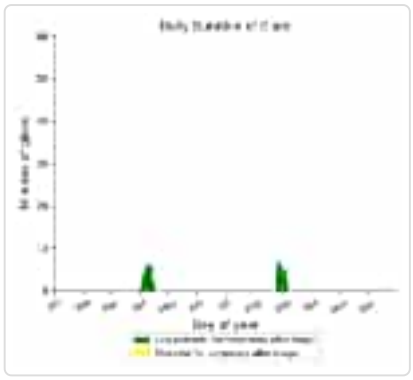


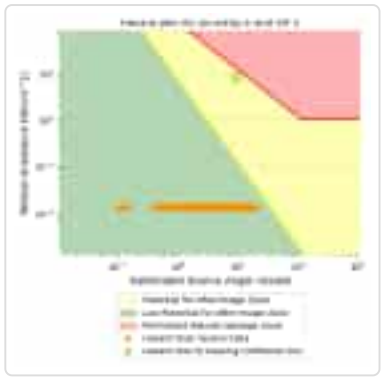
PV array 2: OP 5

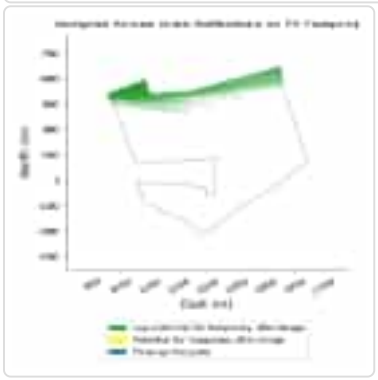
PV array is expected to produce the following glare for this receptor:

- 138 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





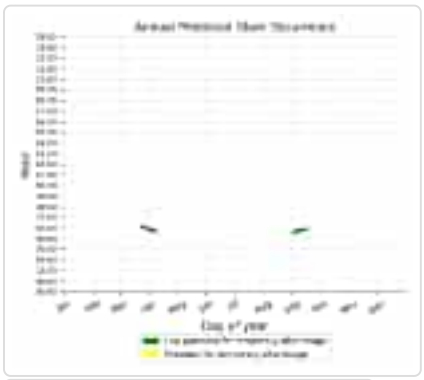


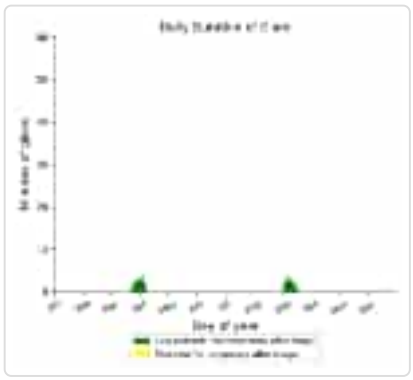


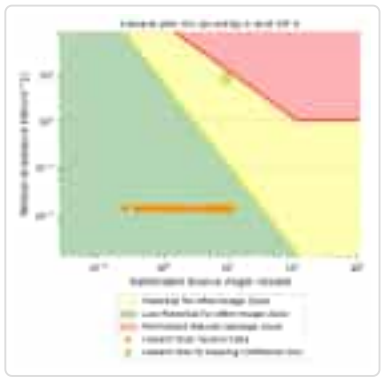
PV array 2: OP 6

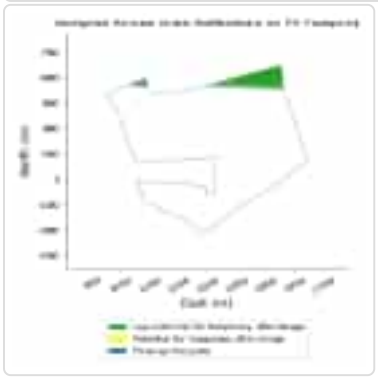
PV array is expected to produce the following glare for this receptor:

- 79 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 7

No glare found

PV array 2: OP 8

No glare found

PV array 2: OP 9

No glare found

PV array 2: OP 10

No glare found

PV array 2: OP 11

No glare found

PV array 2: OP 12

No glare found

PV array 2: OP 13

No glare found

PV array 3 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

No glare found

PV array 4 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

No glare found

PV array 5 low potential for temporary after-image

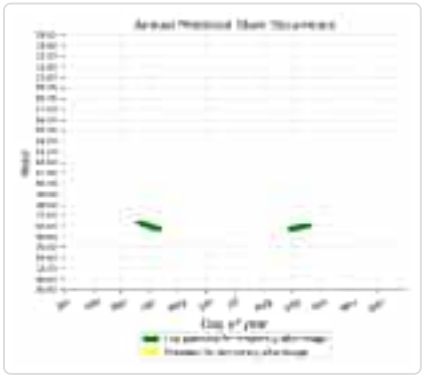
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	679	0
OP: OP 2	487	0
OP: OP 3	143	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0

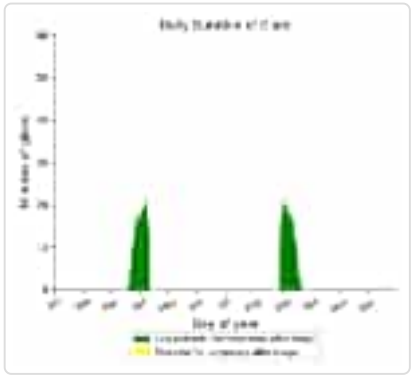
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

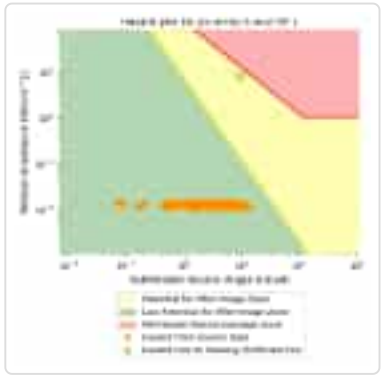
PV array 5: OP 1

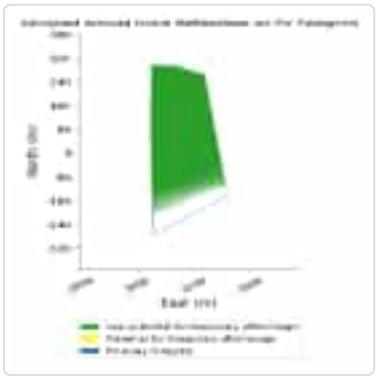
PV array is expected to produce the following glare for this receptor:

- 679 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





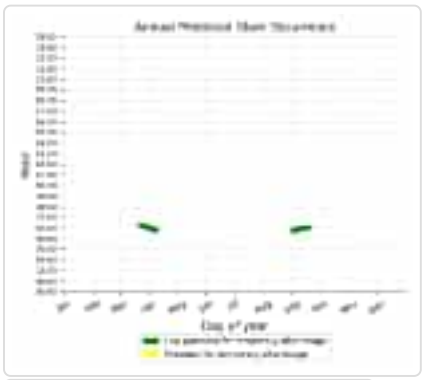


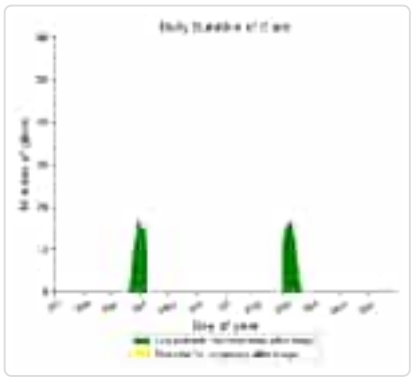


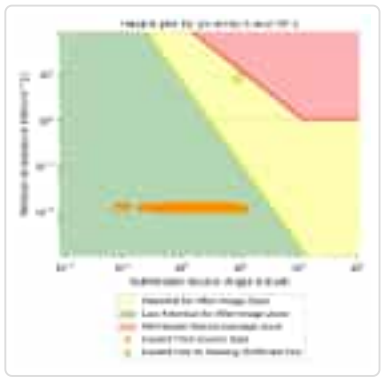
PV array 5: OP 2

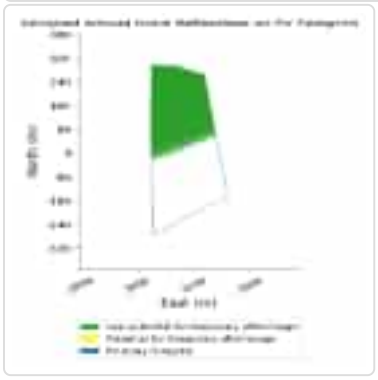
PV array is expected to produce the following glare for this receptor:

- 487 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





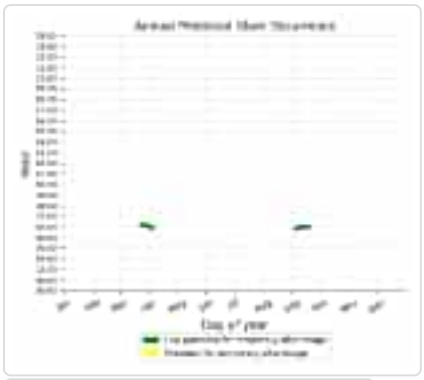


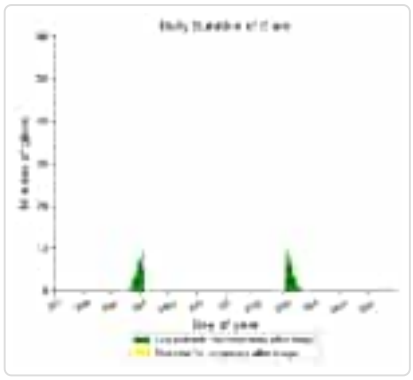


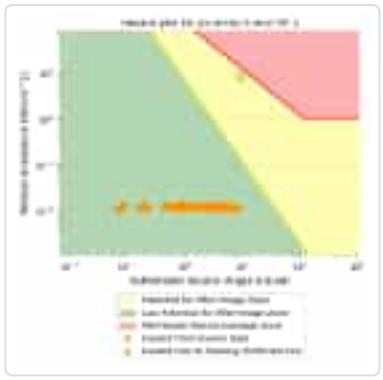
PV array 5: OP 3

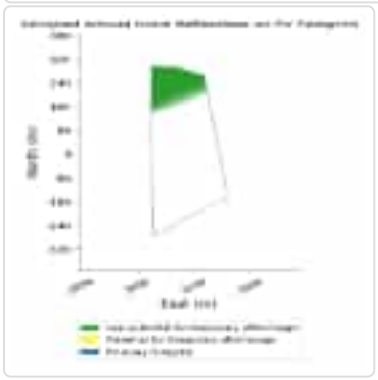
PV array is expected to produce the following glare for this receptor:

- 143 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 4

No glare found

PV array 5: OP 5

No glare found

PV array 5: OP 6

No glare found

PV array 5: OP 7

No glare found

PV array 5: OP 8

No glare found

PV array 5: OP 9

No glare found

PV array 5: OP 10

No glare found

PV array 5: OP 11

No glare found

PV array 5: OP 12

No glare found

PV array 5: OP 13

No glare found

PV array 6 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

No glare found

PV array 7 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

No glare found

PV array 8 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

No glare found

PV array 9 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Fosse Green Solar Farm

Fosse Green SF Rail 45 Degrees

Created Jan 11, 2024
Updated Sep 04, 2024
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 109530.18719

Project type Advanced
Project status: active
Category 10 MW to 100 MW

Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
PV array 1	45.0	180.0	2,111	0	-
PV array 10	45.0	180.0	0	0	-
PV array 11	45.0	180.0	0	0	-
PV array 12	45.0	180.0	0	0	-
PV array 13	45.0	180.0	0	0	-
PV array 14	45.0	180.0	0	0	-
PV array 15	45.0	180.0	0	0	-
PV array 2	45.0	180.0	7,424	1,172	-
PV array 3	45.0	180.0	0	0	-
PV array 4	45.0	180.0	382	0	-
PV array 5	45.0	180.0	2,794	0	-
PV array 6	45.0	180.0	0	0	-
PV array 7	45.0	180.0	0	0	-
PV array 8	45.0	180.0	0	0	-
PV array 9	45.0	180.0	0	0	-

Component Data

PV Array(s)

Total PV footprint area: 5,141,767 m^2

Name: PV array 1
Footprint area: 534,233 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.173327	-0.683693	15.22	3.50	18.72
2	53.171796	-0.684143	15.03	3.50	18.53
3	53.171552	-0.683478	15.19	3.50	18.69
4	53.171127	-0.682985	15.98	3.50	19.48
5	53.169712	-0.681805	15.00	3.50	18.50
6	53.168092	-0.681418	16.50	3.50	20.00
7	53.167989	-0.682362	16.00	3.50	19.50
8	53.167616	-0.682427	15.86	3.50	19.36
9	53.166844	-0.682749	16.00	3.50	19.50
10	53.166574	-0.682985	16.00	3.50	19.50
11	53.166123	-0.682920	16.00	3.50	19.50
12	53.166394	-0.680345	17.00	3.50	20.50
13	53.166741	-0.680410	16.40	3.50	19.90
14	53.166831	-0.679530	17.48	3.50	20.98
15	53.167320	-0.679659	17.17	3.50	20.67
16	53.167564	-0.677277	20.64	3.50	24.14
17	53.166522	-0.676741	20.78	3.50	24.28
18	53.164593	-0.675024	20.02	3.50	23.52
19	53.163010	-0.673672	18.14	3.50	21.64
20	53.162869	-0.672857	19.04	3.50	22.54
21	53.163088	-0.672084	19.80	3.50	23.30
22	53.163679	-0.671333	23.18	3.50	26.68
23	53.165403	-0.672857	27.63	3.50	31.13
24	53.165648	-0.671870	30.61	3.50	34.11
25	53.166458	-0.671269	32.00	3.50	35.50
26	53.166857	-0.671569	31.99	3.50	35.49
27	53.167847	-0.667406	24.66	3.50	28.16
28	53.169468	-0.666720	25.10	3.50	28.60
29	53.169031	-0.668608	27.89	3.50	31.39
30	53.169198	-0.670067	30.98	3.50	34.48
31	53.169982	-0.673629	26.94	3.50	30.44
32	53.170246	-0.673758	26.58	3.50	30.08
33	53.171294	-0.673125	28.40	3.50	31.90
34	53.171745	-0.672299	30.82	3.50	34.32
35	53.172105	-0.674048	26.50	3.50	30.00
36	53.171674	-0.675957	22.65	3.50	26.15
37	53.171507	-0.677599	22.08	3.50	25.58
38	53.171629	-0.678414	22.99	3.50	26.49
39	53.171918	-0.678833	24.21	3.50	27.71
40	53.171809	-0.679283	22.62	3.50	26.12
41	53.171449	-0.679391	20.48	3.50	23.98
42	53.170838	-0.677985	18.51	3.50	22.01
43	53.170593	-0.678028	17.96	3.50	21.46
44	53.170606	-0.678200	17.83	3.50	21.33
45	53.171372	-0.679906	19.18	3.50	22.68
46	53.171249	-0.681719	17.42	3.50	20.92
47	53.171378	-0.681955	17.27	3.50	20.77
48	53.171333	-0.682395	16.56	3.50	20.06
49	53.171597	-0.682502	16.79	3.50	20.29
50	53.173384	-0.681622	18.75	3.50	22.25

Name: PV array 10
Footprint area: 185,320 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.150798	-0.633966	8.64	3.50	12.14
2	53.150219	-0.635436	8.34	3.50	11.84
3	53.150026	-0.636744	8.28	3.50	11.78
4	53.148983	-0.636744	9.89	3.50	13.39
5	53.148803	-0.636862	10.13	3.50	13.63
6	53.148829	-0.637045	9.76	3.50	13.26
7	53.147420	-0.637957	10.19	3.50	13.69
8	53.146461	-0.637796	10.65	3.50	14.15
9	53.146126	-0.637302	11.44	3.50	14.94
10	53.145875	-0.635146	9.74	3.50	13.24
11	53.145566	-0.635264	9.14	3.50	12.64
12	53.145451	-0.635843	9.42	3.50	12.92
13	53.145142	-0.635951	9.94	3.50	13.44
14	53.144987	-0.634910	11.54	3.50	15.04
15	53.144637	-0.634278	12.00	3.50	15.50
16	53.143968	-0.633344	12.41	3.50	15.91
17	53.144200	-0.633280	11.84	3.50	15.34
18	53.144953	-0.632754	9.97	3.50	13.47
19	53.145828	-0.631949	10.31	3.50	13.81
20	53.146497	-0.631509	11.15	3.50	14.65
21	53.147668	-0.633848	12.51	3.50	16.01
22	53.148395	-0.633344	12.81	3.50	16.31
23	53.148254	-0.632947	13.08	3.50	16.58
24	53.148910	-0.632035	13.05	3.50	16.55
25	53.149148	-0.632604	13.03	3.50	16.53
26	53.149631	-0.631853	12.49	3.50	15.99

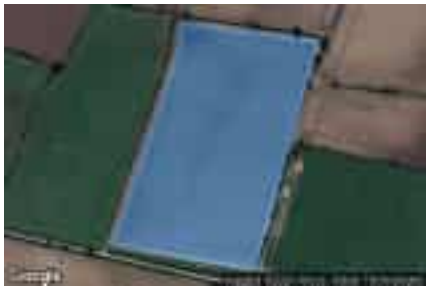
Name: PV array 11
Footprint area: 717,751 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.148506	-0.631749	13.14	3.50	16.64
2	53.147850	-0.632704	12.97	3.50	16.47
3	53.147683	-0.632715	12.37	3.50	15.87
4	53.146640	-0.630945	11.20	3.50	14.70
5	53.146396	-0.630848	12.22	3.50	15.72
6	53.145637	-0.631266	12.28	3.50	15.78
7	53.144343	-0.632565	11.04	3.50	14.54
8	53.142046	-0.627951	13.11	3.50	16.61
9	53.141524	-0.626084	12.34	3.50	15.84
10	53.138596	-0.627329	13.83	3.50	17.33
11	53.138454	-0.627232	13.48	3.50	16.98
12	53.137051	-0.628370	12.96	3.50	16.46
13	53.137154	-0.629056	13.21	3.50	16.71
14	53.135919	-0.628649	14.19	3.50	17.69
15	53.135771	-0.627640	12.78	3.50	16.28
16	53.134593	-0.628456	13.03	3.50	16.53
17	53.134464	-0.624700	12.77	3.50	16.27
18	53.134618	-0.624700	12.76	3.50	16.26
19	53.134631	-0.624990	12.76	3.50	16.26
20	53.135655	-0.624947	12.58	3.50	16.08
21	53.135758	-0.626331	11.86	3.50	15.36
22	53.136112	-0.626567	11.92	3.50	15.42
23	53.136549	-0.625162	10.74	3.50	14.24
24	53.136717	-0.625055	10.13	3.50	13.63
25	53.136652	-0.624636	10.38	3.50	13.88
26	53.137450	-0.624089	10.03	3.50	13.53
27	53.135830	-0.616790	7.11	3.50	10.61
28	53.136200	-0.615960	9.66	3.50	13.16
29	53.137240	-0.614930	7.15	3.50	10.65
30	53.137620	-0.615710	7.24	3.50	10.74
31	53.137860	-0.615550	7.38	3.50	10.88
32	53.137990	-0.614790	7.14	3.50	10.64
33	53.139105	-0.617426	7.93	3.50	11.43
34	53.139800	-0.619754	11.05	3.50	14.55
35	53.141717	-0.618682	9.38	3.50	12.88
36	53.142129	-0.620227	11.21	3.50	14.71
37	53.142007	-0.620323	10.80	3.50	14.30
38	53.142541	-0.622211	11.19	3.50	14.69
39	53.144034	-0.620784	11.76	3.50	15.26
40	53.144607	-0.623563	11.92	3.50	15.42
41	53.145591	-0.624582	12.63	3.50	16.13
42	53.145044	-0.625248	12.90	3.50	16.40
43	53.145077	-0.625666	12.28	3.50	15.78
44	53.146634	-0.628348	11.72	3.50	15.22
45	53.146808	-0.628220	12.16	3.50	15.66
46	53.148268	-0.630762	12.11	3.50	15.61
47	53.148101	-0.631030	11.92	3.50	15.42

Name: PV array 12
Footprint area: 73,115 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.136228	-0.613414	8.07	3.50	11.57
2	53.135854	-0.613478	8.46	3.50	11.96
3	53.133222	-0.614980	9.82	3.50	13.32
4	53.132887	-0.611772	10.64	3.50	14.14
5	53.135977	-0.610335	9.13	3.50	12.63

Name: PV array 13
Footprint area: 735,403 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.135585	-0.658160	11.48	3.50	14.98
2	53.136461	-0.665906	14.75	3.50	18.25
3	53.130642	-0.667945	14.56	3.50	18.06
4	53.130333	-0.666357	13.81	3.50	17.31
5	53.128440	-0.666872	14.86	3.50	18.36
6	53.128582	-0.668717	14.77	3.50	18.27
7	53.128273	-0.668782	14.57	3.50	18.07
8	53.128131	-0.667301	14.49	3.50	17.99
9	53.125730	-0.667666	13.07	3.50	16.57
10	53.125710	-0.667945	12.94	3.50	16.44
11	53.124455	-0.667505	13.19	3.50	16.69
12	53.124558	-0.666711	12.70	3.50	16.20
13	53.123380	-0.665788	11.31	3.50	14.81
14	53.123457	-0.665370	11.00	3.50	14.50
15	53.123122	-0.665220	12.04	3.50	15.54
16	53.123476	-0.663514	13.15	3.50	16.65
17	53.124365	-0.661776	13.29	3.50	16.79
18	53.124571	-0.660832	13.96	3.50	17.46
19	53.125067	-0.660220	13.10	3.50	16.60
20	53.126410	-0.656650	11.66	3.50	15.16
21	53.126650	-0.656260	11.38	3.50	14.88
22	53.126960	-0.656270	11.65	3.50	15.15
23	53.127018	-0.656070	12.25	3.50	15.75
24	53.127600	-0.659050	12.08	3.50	15.58
25	53.128790	-0.658920	13.52	3.50	17.02
26	53.129280	-0.661440	14.94	3.50	18.44
27	53.131090	-0.659840	14.90	3.50	18.40
28	53.131520	-0.659500	14.40	3.50	17.90
29	53.132320	-0.658860	12.70	3.50	16.20
30	53.133270	-0.657930	12.71	3.50	16.21
31	53.133345	-0.658664	11.01	3.50	14.51

Name: PV array 14
Footprint area: 202,300 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132660	-0.653180	10.42	3.50	13.92
2	53.132070	-0.653360	10.23	3.50	13.73
3	53.131511	-0.653075	11.28	3.50	14.78
4	53.130770	-0.652409	10.38	3.50	13.88
5	53.130352	-0.650049	9.94	3.50	13.44
6	53.130095	-0.649556	9.85	3.50	13.35
7	53.130275	-0.649255	10.71	3.50	14.21
8	53.132390	-0.648020	11.38	3.50	14.88
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
15	53.138060	-0.652120	9.08	23.50	32.58
15	53.138060	-0.652120	9.08	23.50	32.58
15	53.138060	-0.652120	9.08	23.50	32.58
15	53.138060	-0.652120	9.08	23.50	32.58
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38

Name: PV array 15
Footprint area: 78,226 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132772	-0.647378	9.94	3.50	13.44
2	53.130056	-0.648847	10.80	3.50	14.30
3	53.129882	-0.649255	9.89	3.50	13.39
4	53.129303	-0.648847	10.80	3.50	14.30
5	53.128942	-0.648858	10.87	3.50	14.37
6	53.128884	-0.648418	11.51	3.50	15.01
7	53.128311	-0.648386	11.43	3.50	14.93
8	53.128105	-0.646884	11.40	3.50	14.90
9	53.130622	-0.645758	10.83	3.50	14.33
10	53.130700	-0.646122	11.65	3.50	15.15
11	53.131298	-0.645768	10.18	3.50	13.68
12	53.132410	-0.645330	9.00	3.50	12.50

Name: PV array 2
Footprint area: 575,691 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.178640	-0.666110	19.50	3.50	23.00
2	53.177870	-0.669090	19.28	3.50	22.78
3	53.176523	-0.668029	19.69	3.50	23.19
4	53.174220	-0.666891	26.06	3.50	29.56
5	53.174465	-0.660669	17.80	3.50	21.30
6	53.172497	-0.660755	16.16	3.50	19.66
7	53.172510	-0.661355	17.14	3.50	20.64
8	53.172960	-0.661484	17.29	3.50	20.79
9	53.173230	-0.666677	24.28	3.50	27.78
10	53.172175	-0.666226	20.97	3.50	24.47
11	53.171823	-0.664919	19.69	3.50	23.19
12	53.171714	-0.664865	19.72	3.50	23.22
13	53.170968	-0.662526	18.08	3.50	21.58
14	53.170357	-0.661797	17.29	3.50	20.79
15	53.174293	-0.653523	13.69	3.50	17.19
16	53.178283	-0.655459	15.69	3.50	19.19
17	53.179363	-0.655588	13.41	3.50	16.91
18	53.178051	-0.662519	19.70	3.50	23.20
19	53.177884	-0.665737	19.63	3.50	23.13

Name: PV array 3
Footprint area: 679,844 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.162240	-0.675330	17.85	3.50	21.35
2	53.159340	-0.671810	16.96	3.50	20.46
3	53.159790	-0.670480	16.50	3.50	20.00
4	53.160860	-0.668250	17.83	3.50	21.33
5	53.160420	-0.666810	17.26	3.50	20.76
6	53.159450	-0.669110	15.52	3.50	19.02
7	53.159860	-0.669750	15.96	3.50	19.46
8	53.159140	-0.671710	16.90	3.50	20.40
9	53.158240	-0.670650	16.68	3.50	20.18
10	53.158390	-0.670070	16.03	3.50	19.53
11	53.157840	-0.668790	15.77	3.50	19.27
12	53.159770	-0.664130	19.42	3.50	22.92
13	53.159920	-0.664410	18.34	3.50	21.84
14	53.160980	-0.661830	24.57	3.50	28.07
15	53.161160	-0.662010	24.26	3.50	27.76
16	53.161290	-0.661640	25.79	3.50	29.29
17	53.161160	-0.661450	26.00	3.50	29.50
18	53.162190	-0.659350	26.37	3.50	29.87
19	53.162080	-0.658850	26.32	3.50	29.82
20	53.162650	-0.657690	27.46	3.50	30.96
21	53.165690	-0.658340	22.70	3.50	26.20
22	53.165920	-0.658980	21.27	3.50	24.77
23	53.166210	-0.659430	20.99	3.50	24.49
24	53.165960	-0.661020	21.23	3.50	24.73
25	53.167980	-0.662370	18.26	3.50	21.76
26	53.167650	-0.663320	18.23	3.50	21.73
27	53.167500	-0.667240	23.91	3.50	27.41
28	53.164620	-0.668620	26.56	3.50	30.06
29	53.164820	-0.669520	27.49	3.50	30.99
30	53.163160	-0.671190	20.73	3.50	24.23
31	53.162730	-0.672050	18.84	3.50	22.34
32	53.162570	-0.673160	18.39	3.50	21.89
33	53.162750	-0.673700	17.85	3.50	21.35
34	53.162650	-0.674340	17.02	3.50	20.52

Name: PV array 4
Footprint area: 538,971 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.172585	-0.642585	14.81	3.50	18.31
2	53.173512	-0.648335	13.73	3.50	17.23
3	53.168740	-0.657433	17.19	3.50	20.69
4	53.168530	-0.657412	16.94	3.50	20.44
5	53.168310	-0.657830	18.09	3.50	21.59
6	53.168300	-0.658730	18.04	3.50	21.54
7	53.168070	-0.658890	17.95	3.50	21.45
8	53.165850	-0.657640	21.97	3.50	25.47
8	53.165850	-0.657640	21.97	3.50	25.47
8	53.165850	-0.657640	21.97	3.50	25.47
8	53.165850	-0.657640	21.97	3.50	25.47
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
14	53.167520	-0.655510	17.58	3.50	21.08
15	53.167980	-0.655110	18.44	3.50	21.94
16	53.169113	-0.651554	16.06	3.50	19.56
17	53.169113	-0.651060	15.41	3.50	18.91
18	53.168032	-0.650867	15.63	3.50	19.13
19	53.167955	-0.651597	16.07	3.50	19.57
20	53.167337	-0.651232	15.83	3.50	19.33
21	53.166077	-0.651103	19.26	3.50	22.76
22	53.166115	-0.650481	18.68	3.50	22.18
23	53.165961	-0.650181	19.78	3.50	23.28
24	53.168251	-0.644537	17.16	3.50	20.66
25	53.168920	-0.644687	16.30	3.50	19.80
26	53.170129	-0.644408	16.57	3.50	20.07
27	53.171132	-0.643754	15.25	3.50	18.75
28	53.171151	-0.643400	15.23	3.50	18.73
29	53.172000	-0.642681	14.97	3.50	18.47

Name: PV array 5
Footprint area: 85,119 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.175987	-0.638261	17.17	3.50	20.67
2	53.175962	-0.637317	17.32	3.50	20.82
3	53.175704	-0.636180	15.99	3.50	19.49
4	53.172039	-0.635257	10.34	3.50	13.84
5	53.170855	-0.638197	11.33	3.50	14.83
6	53.174251	-0.638304	12.30	3.50	15.80

Name: PV array 6
Footprint area: 178,317 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.167678	-0.644140	17.52	3.50	21.02
2	53.165556	-0.649011	19.39	3.50	22.89
3	53.164810	-0.644784	20.41	3.50	23.91
4	53.165350	-0.641716	16.27	3.50	19.77
5	53.163562	-0.640986	20.48	3.50	23.98
6	53.161902	-0.640643	22.38	3.50	25.88
7	53.159226	-0.640385	15.78	3.50	19.28
8	53.159329	-0.638197	13.14	3.50	16.64
9	53.162726	-0.638883	20.72	3.50	24.22
10	53.164115	-0.639205	17.21	3.50	20.71
11	53.165183	-0.639763	14.44	3.50	17.94
12	53.165800	-0.640707	14.81	3.50	18.31
13	53.166366	-0.642209	16.10	3.50	19.60
14	53.166971	-0.643282	16.63	3.50	20.13

Name: PV array 7
Footprint area: 492,432 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.164655	-0.651071	23.57	3.50	27.07
2	53.164218	-0.652101	24.34	3.50	27.84
3	53.163588	-0.652015	24.43	3.50	27.93
4	53.163575	-0.652466	24.10	3.50	27.60
5	53.163883	-0.652809	24.86	3.50	28.36
6	53.162790	-0.655406	26.04	3.50	29.54
7	53.162404	-0.655148	26.50	3.50	30.00
8	53.162082	-0.655835	27.39	3.50	30.89
9	53.162263	-0.656543	27.11	3.50	30.61
10	53.161516	-0.658324	26.25	3.50	29.75
11	53.158776	-0.654054	22.55	3.50	26.05
12	53.156879	-0.652104	18.45	3.50	21.95
13	53.156840	-0.650806	17.85	3.50	21.35
14	53.156634	-0.650474	16.75	3.50	20.25
15	53.155412	-0.650935	12.99	3.50	16.49
16	53.155245	-0.650441	12.47	3.50	15.97
17	53.154428	-0.650484	11.62	3.50	15.12
18	53.152317	-0.650581	10.82	3.50	14.32
19	53.151545	-0.650656	11.68	3.50	15.18
20	53.151481	-0.651761	11.49	3.50	14.99
21	53.151159	-0.651729	12.56	3.50	16.06
22	53.151178	-0.650924	12.32	3.50	15.82
23	53.150863	-0.650624	12.97	3.50	16.47
24	53.149042	-0.650581	13.39	3.50	16.89
25	53.149113	-0.652083	14.82	3.50	18.32
26	53.147459	-0.652115	10.92	3.50	14.42
27	53.147762	-0.654604	14.65	3.50	18.15
28	53.146730	-0.654770	11.29	3.50	14.79
29	53.146710	-0.654450	10.79	3.50	14.29
30	53.146660	-0.653930	9.99	3.50	13.49
31	53.146560	-0.653210	9.32	3.50	12.82
32	53.146500	-0.652650	9.65	3.50	13.15
33	53.146620	-0.652540	9.69	3.50	13.19
34	53.146670	-0.652330	9.64	3.50	13.14
35	53.146500	-0.650990	8.94	3.50	12.44
36	53.146830	-0.651060	9.07	3.50	12.57
37	53.147220	-0.650840	9.43	3.50	12.93
38	53.147530	-0.650195	9.95	3.50	13.45
39	53.148058	-0.647824	10.34	3.50	13.84
40	53.149293	-0.647502	11.75	3.50	15.25
41	53.149364	-0.647008	11.40	3.50	14.90
42	53.149004	-0.645163	9.84	3.50	13.34
43	53.149068	-0.644702	10.07	3.50	13.57
44	53.149589	-0.644659	10.09	3.50	13.59
45	53.150246	-0.645152	10.47	3.50	13.97
46	53.150709	-0.646118	10.77	3.50	14.27
47	53.150861	-0.646854	11.55	3.50	15.05
48	53.152186	-0.646683	10.55	3.50	14.05
49	53.152302	-0.648378	10.85	3.50	14.35
50	53.152559	-0.648356	11.03	3.50	14.53
51	53.152650	-0.647820	11.33	3.50	14.83
52	53.152843	-0.647562	10.51	3.50	14.01
53	53.152984	-0.648185	10.54	3.50	14.04
54	53.153396	-0.648850	10.72	3.50	14.22
55	53.153821	-0.649000	11.70	3.50	15.20
56	53.153821	-0.647176	11.57	3.50	15.07
57	53.157030	-0.647114	18.62	3.50	22.12
58	53.157911	-0.650923	21.21	3.50	24.71
59	53.159526	-0.650773	24.30	3.50	27.80
60	53.159841	-0.651545	25.93	3.50	29.43
61	53.160478	-0.652318	28.32	3.50	31.82
62	53.160542	-0.654142	27.00	3.50	30.50
63	53.161668	-0.654152	28.25	3.50	31.75
64	53.162003	-0.653691	27.32	3.50	30.82

65	53.161359	-0.652489	27.84	3.50	31.34
66	53.161314	-0.650848	28.23	3.50	31.73

Name: PV array 8
Footprint area: 15,661 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.149067	-0.644094	9.24	3.50	12.74
2	53.149505	-0.644029	9.82	3.50	13.32
3	53.149878	-0.644094	9.57	3.50	13.07
4	53.150888	-0.643353	9.27	3.50	12.77
5	53.150521	-0.642002	8.25	3.50	11.75
6	53.149871	-0.642806	8.50	3.50	12.00
7	53.149472	-0.642796	8.80	3.50	12.30
8	53.149215	-0.643192	8.74	3.50	12.24
9	53.149022	-0.644072	9.17	3.50	12.67

Name: PV array 9
Footprint area: 49,385 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Smooth glass without AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 6.55 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.144985	-0.656700	12.95	3.50	16.45
2	53.143230	-0.656440	10.07	3.50	13.57
3	53.143170	-0.652900	8.94	3.50	12.44
4	53.143890	-0.652530	9.13	3.50	12.63
5	53.144200	-0.652530	9.20	3.50	12.70
6	53.144680	-0.653130	9.45	3.50	12.95
7	53.144910	-0.653050	9.39	3.50	12.89

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	53.171147	-0.699403	14.90	2.75	17.65
OP 2	53.172317	-0.697086	13.85	2.75	16.60
OP 3	53.173681	-0.694683	14.78	2.75	17.53
OP 4	53.174902	-0.692280	14.00	2.75	16.75
OP 5	53.175983	-0.690284	12.96	2.75	15.71
OP 6	53.177217	-0.688031	14.00	2.75	16.75
OP 7	53.178401	-0.685735	14.77	2.75	17.52
OP 8	53.179597	-0.683589	15.22	2.75	17.97
OP 9	53.180908	-0.681014	16.79	2.75	19.54
OP 10	53.181937	-0.678847	15.65	2.75	18.40
OP 11	53.182901	-0.676530	15.79	2.75	18.54
OP 12	53.183853	-0.673847	14.15	2.75	16.90
OP 13	53.184650	-0.671294	14.24	2.75	16.99

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
PV array 1	45.0	180.0	2,111	0	-	-
PV array 10	45.0	180.0	0	0	-	-
PV array 11	45.0	180.0	0	0	-	-
PV array 12	45.0	180.0	0	0	-	-
PV array 13	45.0	180.0	0	0	-	-
PV array 14	45.0	180.0	0	0	-	-
PV array 15	45.0	180.0	0	0	-	-
PV array 2	45.0	180.0	7,424	1,172	-	-
PV array 3	45.0	180.0	0	0	-	-
PV array 4	45.0	180.0	382	0	-	-
PV array 5	45.0	180.0	2,794	0	-	-
PV array 6	45.0	180.0	0	0	-	-
PV array 7	45.0	180.0	0	0	-	-
PV array 8	45.0	180.0	0	0	-	-
PV array 9	45.0	180.0	0	0	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
pv-array-1 (green)	0	0	252	434	0	0	0	251	436	0	0	0
pv-array-1 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-2 (green)	0	0	90	633	358	0	142	679	256	0	0	0
pv-array-2 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-4 (green)	0	0	37	106	0	0	0	0	136	0	0	0
pv-array-4 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-5 (green)	0	0	270	235	0	0	0	50	457	0	0	0
pv-array-5 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

PV array 1 low potential for temporary after-image

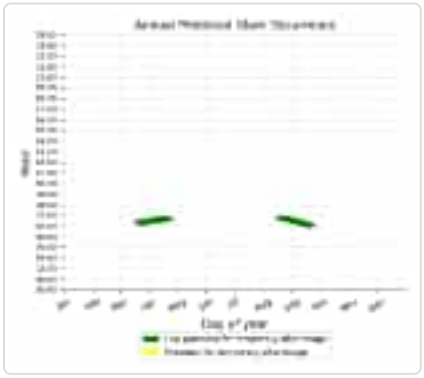
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	1371	0
OP: OP 2	740	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0

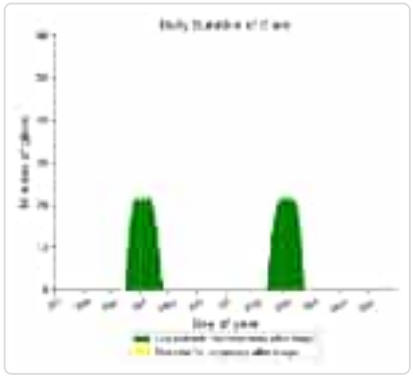
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

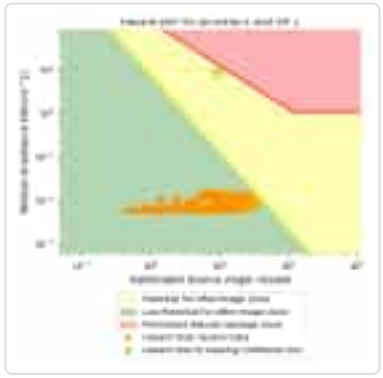
PV array 1: OP 1

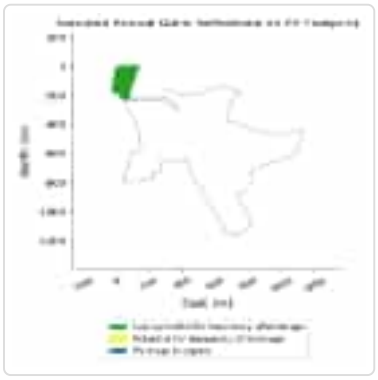
PV array is expected to produce the following glare for this receptor:

- 1,371 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





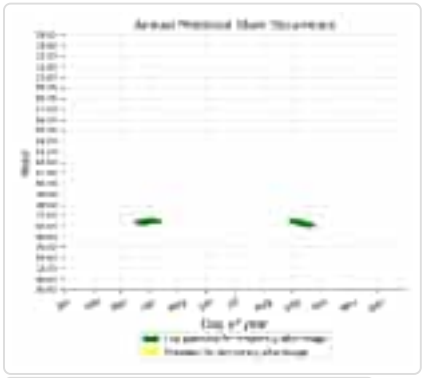


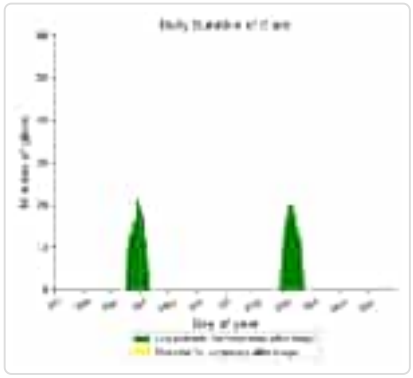


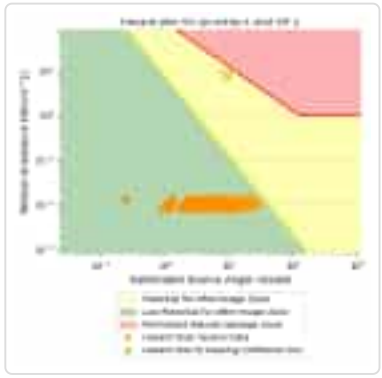
PV array 1: OP 2

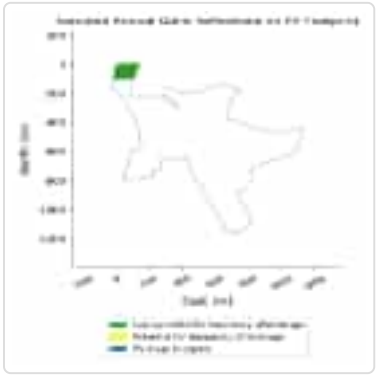
PV array is expected to produce the following glare for this receptor:

- 740 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 3

No glare found

PV array 1: OP 4

No glare found

PV array 1: OP 5

No glare found

PV array 1: OP 6

No glare found

PV array 1: OP 7

No glare found

PV array 1: OP 8

No glare found

PV array 1: OP 9

No glare found

PV array 1: OP 10

No glare found

PV array 1: OP 11

No glare found

PV array 1: OP 12

No glare found

PV array 1: OP 13

No glare found

PV array 10 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

No glare found

PV array 11 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

No glare found

PV array 12 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

No glare found

PV array 13 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

No glare found

PV array 14 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

No glare found

PV array 15 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

No glare found

PV array 2 potential temporary after-image

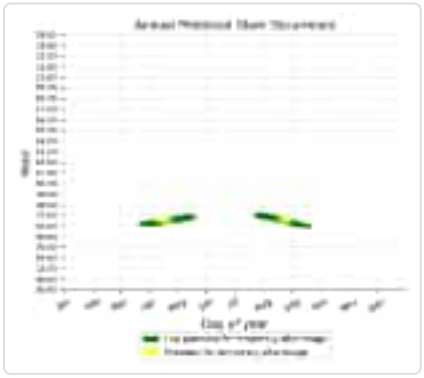
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	1907	228
OP: OP 2	1585	323
OP: OP 3	1198	382
OP: OP 4	1055	199
OP: OP 5	886	40
OP: OP 6	587	0
OP: OP 7	206	0
OP: OP 8	0	0

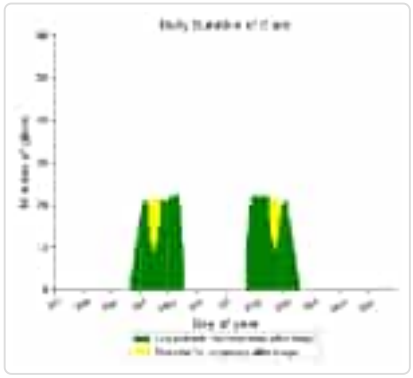
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

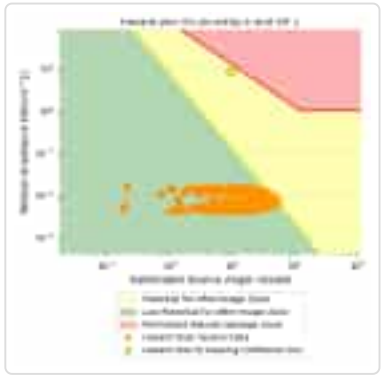
PV array 2: OP 1

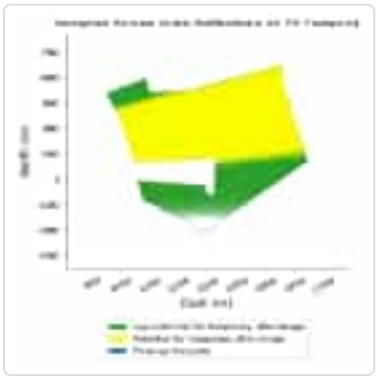
PV array is expected to produce the following glare for this receptor:

- 1,907 minutes of "green" glare with low potential to cause temporary after-image.
- 228 minutes of "yellow" glare with potential to cause temporary after-image.





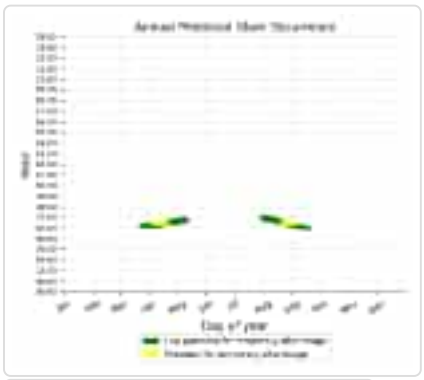


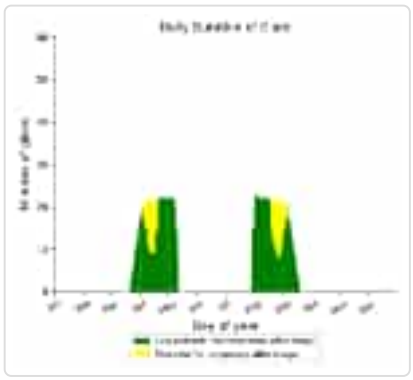


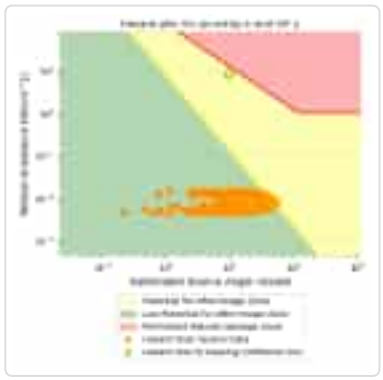
PV array 2: OP 2

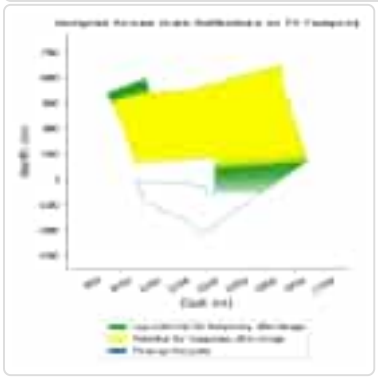
PV array is expected to produce the following glare for this receptor:

- 1,585 minutes of "green" glare with low potential to cause temporary after-image.
- 323 minutes of "yellow" glare with potential to cause temporary after-image.





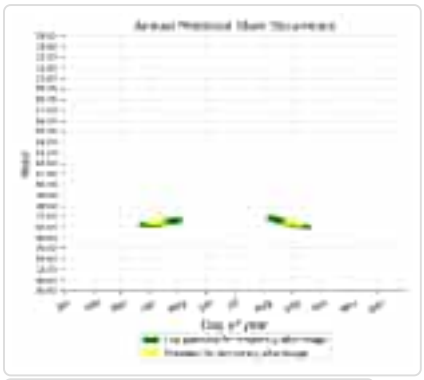


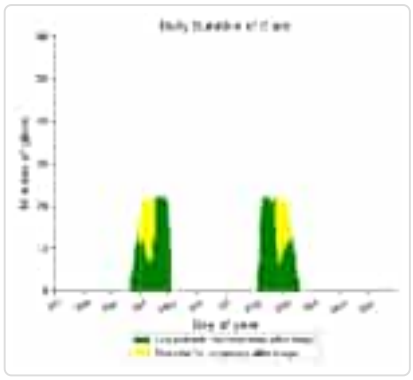


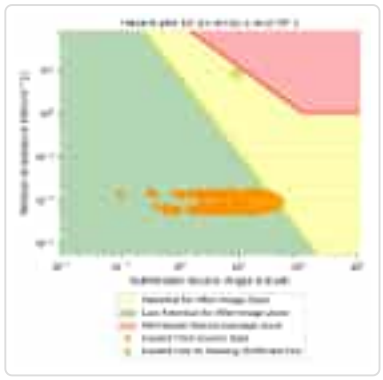
PV array 2: OP 3

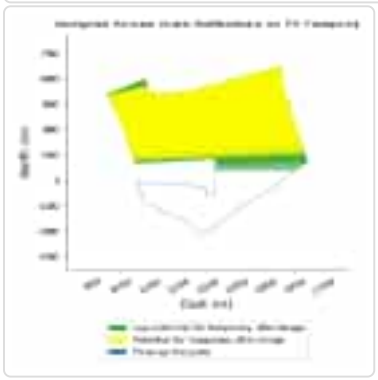
PV array is expected to produce the following glare for this receptor:

- 1,198 minutes of "green" glare with low potential to cause temporary after-image.
- 382 minutes of "yellow" glare with potential to cause temporary after-image.





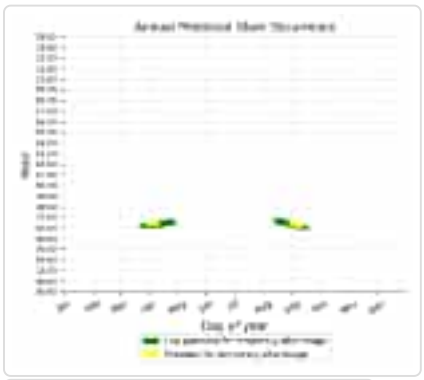


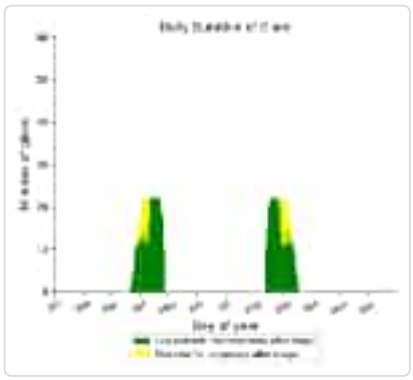


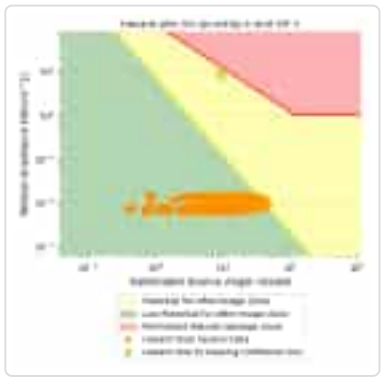
PV array 2: OP 4

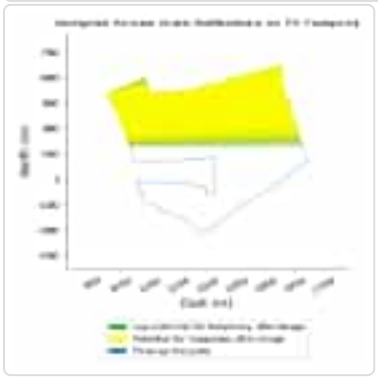
PV array is expected to produce the following glare for this receptor:

- 1,055 minutes of "green" glare with low potential to cause temporary after-image.
- 199 minutes of "yellow" glare with potential to cause temporary after-image.





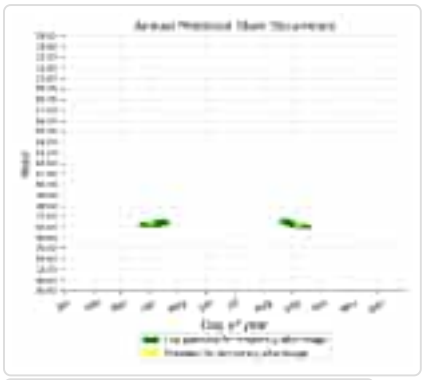


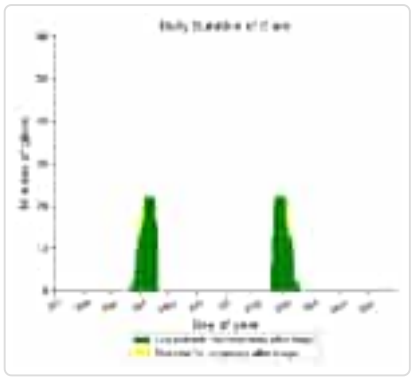


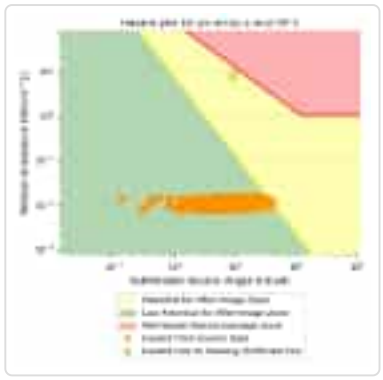
PV array 2: OP 5

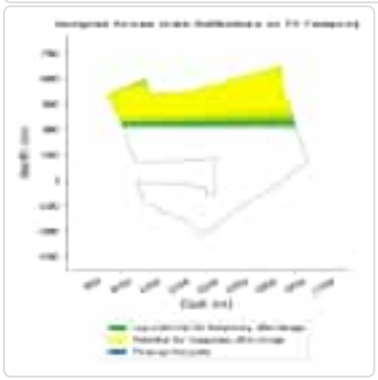
PV array is expected to produce the following glare for this receptor:

- 886 minutes of "green" glare with low potential to cause temporary after-image.
- 40 minutes of "yellow" glare with potential to cause temporary after-image.





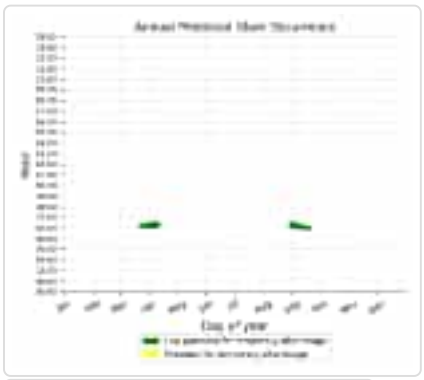


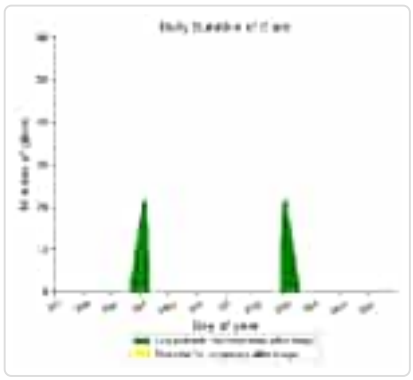


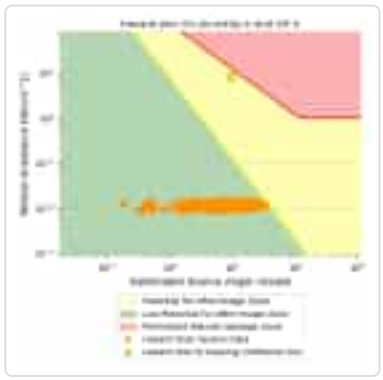
PV array 2: OP 6

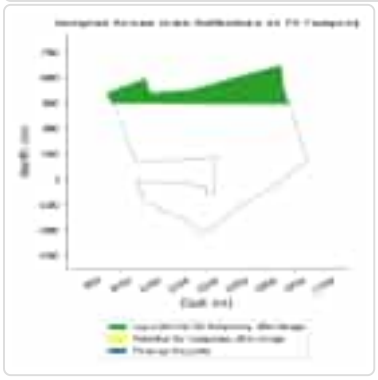
PV array is expected to produce the following glare for this receptor:

- 587 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





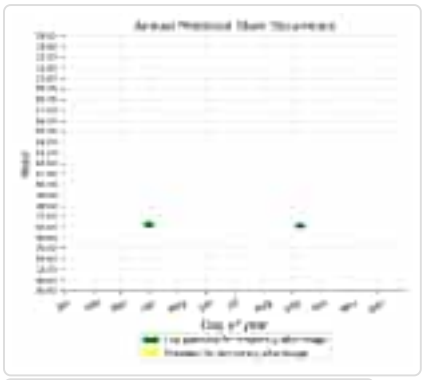


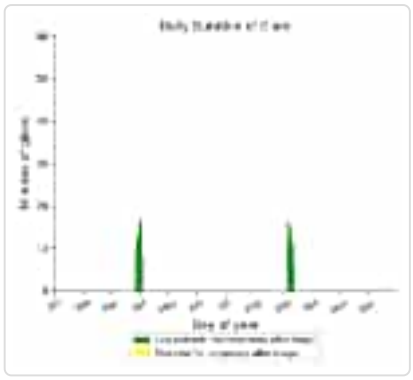


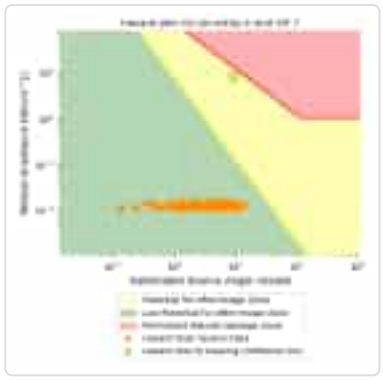
PV array 2: OP 7

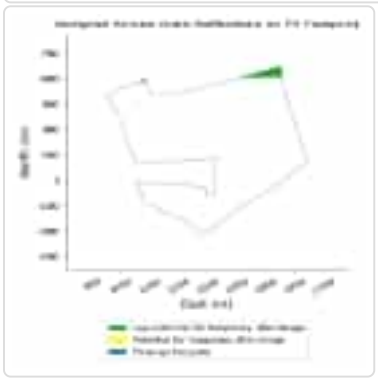
PV array is expected to produce the following glare for this receptor:

- 206 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 8

No glare found

PV array 2: OP 9

No glare found

PV array 2: OP 10

No glare found

PV array 2: OP 11

No glare found

PV array 2: OP 12

No glare found

PV array 2: OP 13

No glare found

PV array 3 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

No glare found

PV array 4 low potential for temporary after-image

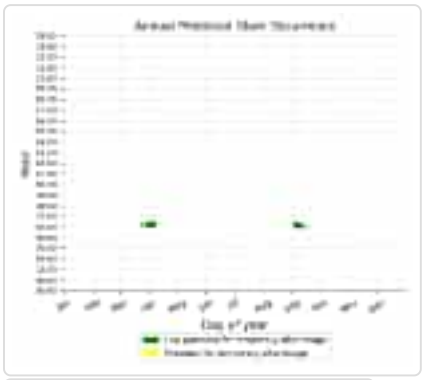
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	278	0
OP: OP 2	104	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0

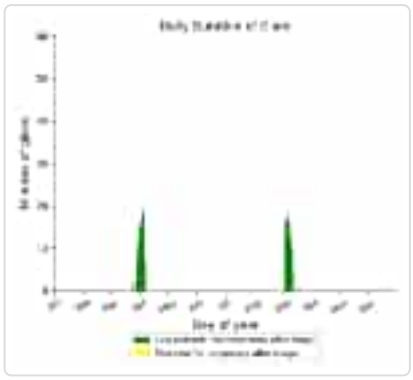
OP: OP 12	0	0
OP: OP 13	0	0

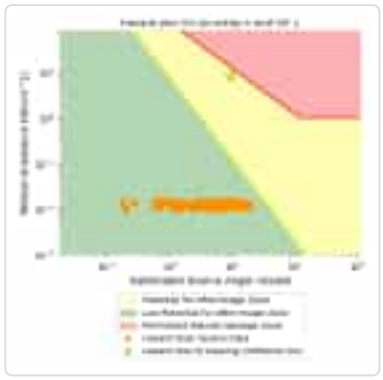
PV array 4: OP 1

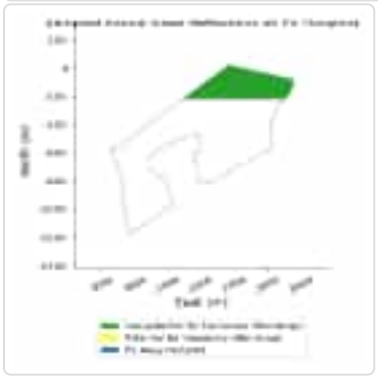
PV array is expected to produce the following glare for this receptor:

- 278 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





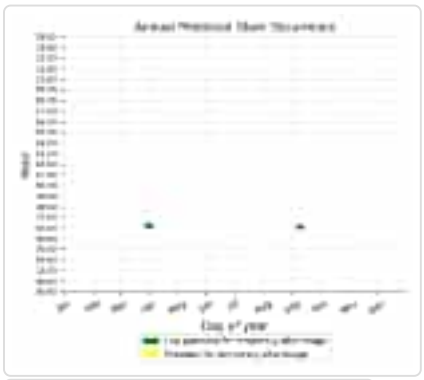


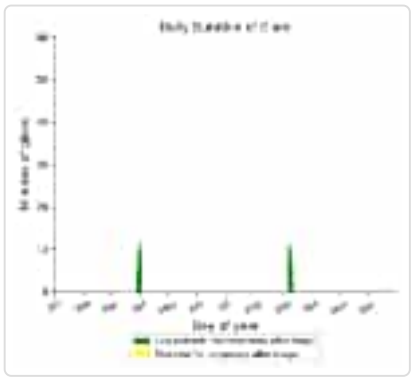


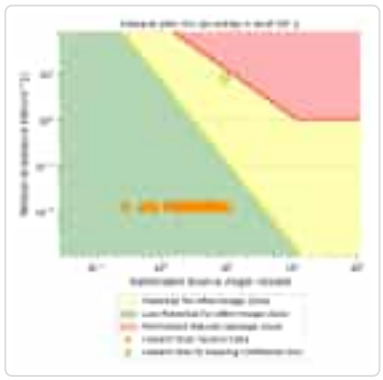
PV array 4: OP 2

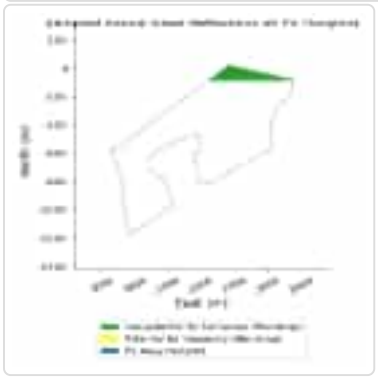
PV array is expected to produce the following glare for this receptor:

- 104 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 3

No glare found

PV array 4: OP 4

No glare found

PV array 4: OP 5

No glare found

PV array 4: OP 6

No glare found

PV array 4: OP 7

No glare found

PV array 4: OP 8

No glare found

PV array 4: OP 9

No glare found

PV array 4: OP 10

No glare found

PV array 4: OP 11

No glare found

PV array 4: OP 12

No glare found

PV array 4: OP 13

No glare found

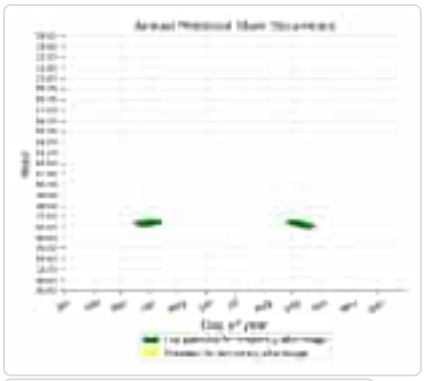
PV array 5 low potential for temporary after-image

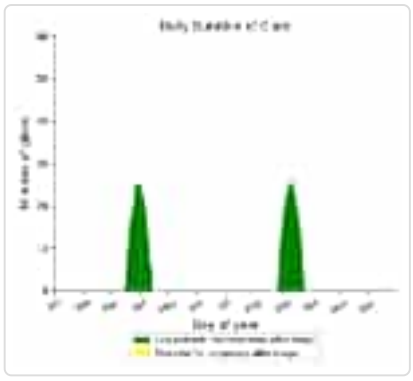
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	1012	0
OP: OP 2	840	0
OP: OP 3	608	0
OP: OP 4	334	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

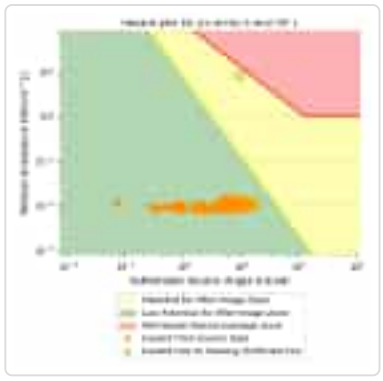
PV array 5: OP 1

PV array is expected to produce the following glare for this receptor:

- 1,012 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



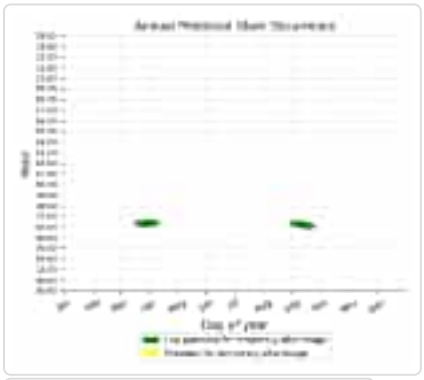


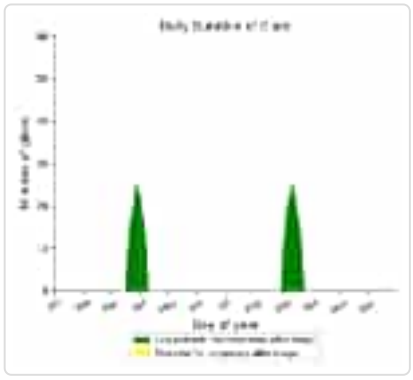


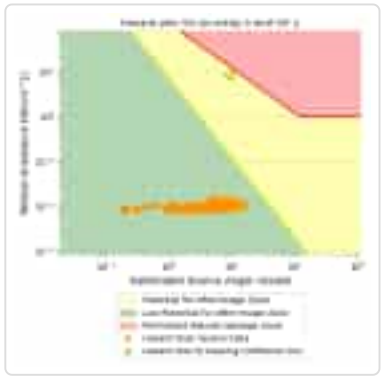
PV array 5: OP 2

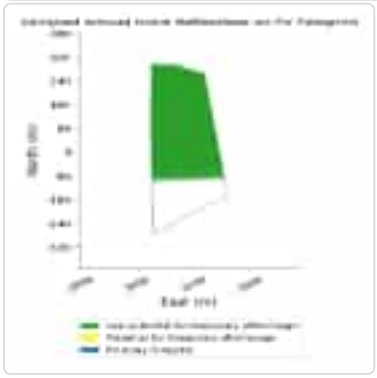
PV array is expected to produce the following glare for this receptor:

- 840 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





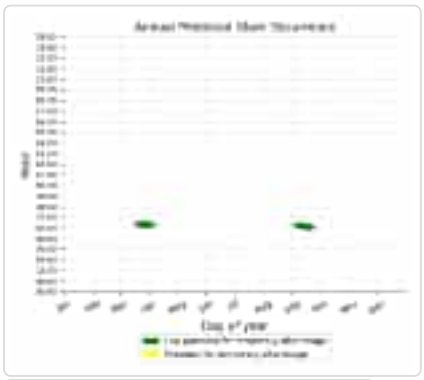


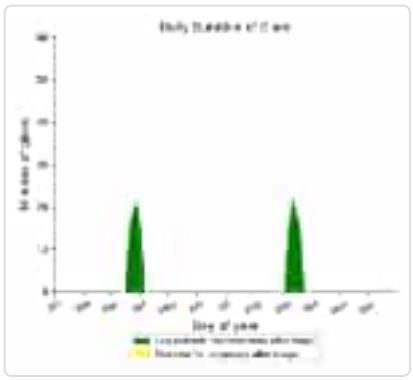


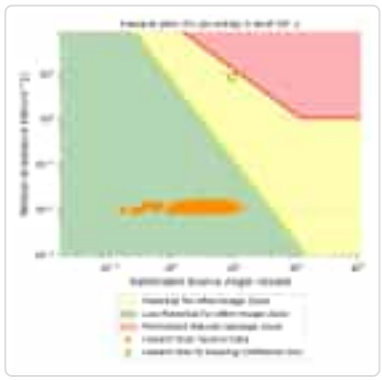
PV array 5: OP 3

PV array is expected to produce the following glare for this receptor:

- 608 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



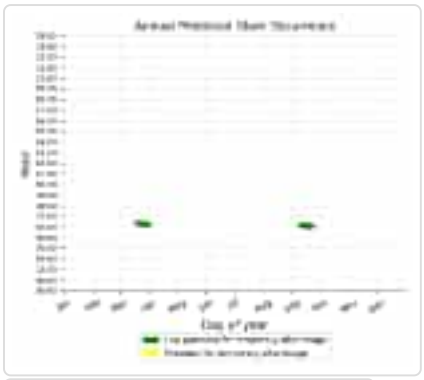


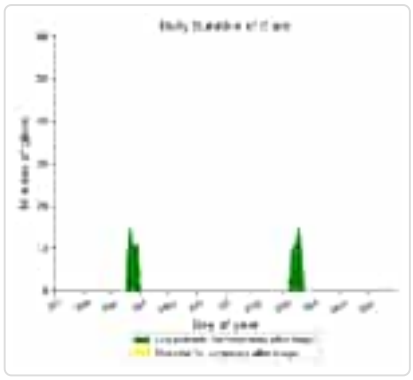


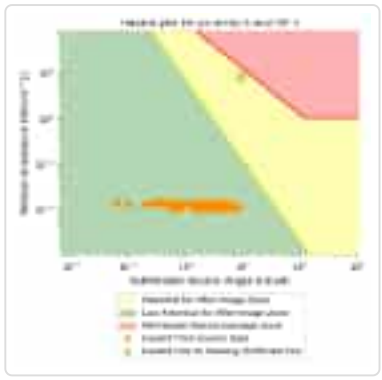
PV array 5: OP 4

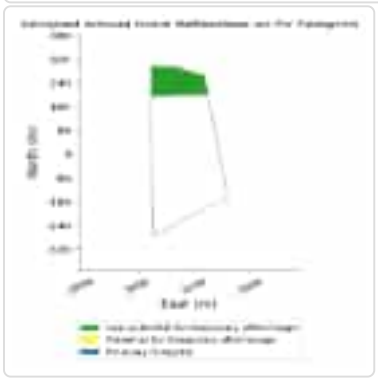
PV array is expected to produce the following glare for this receptor:

- 334 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 5

No glare found

PV array 5: OP 6

No glare found

PV array 5: OP 7

No glare found

PV array 5: OP 8

No glare found

PV array 5: OP 9

No glare found

PV array 5: OP 10

No glare found

PV array 5: OP 11

No glare found

PV array 5: OP 12

No glare found

PV array 5: OP 13

No glare found

PV array 6 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

No glare found

PV array 7 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

No glare found

PV array 8 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

No glare found

PV array 9 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Fosse Green Solar Farm

Fosse Green SF Rail Tracker

Created Jan 11, 2024
Updated Sep 04, 2024
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 109530.18719

Project type Advanced
Project status: active
Category 10 MW to 100 MW

Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with low potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
PV array 1	SA tracking	SA tracking	197	0	-
PV array 10	SA tracking	SA tracking	2,603	0	-
PV array 11	SA tracking	SA tracking	0	0	-
PV array 12	SA tracking	SA tracking	1,122	0	-
PV array 13	SA tracking	SA tracking	0	0	-
PV array 14	SA tracking	SA tracking	0	0	-
PV array 15	SA tracking	SA tracking	40	0	-
PV array 2	SA tracking	SA tracking	0	0	-
PV array 3	SA tracking	SA tracking	0	0	-
PV array 4	SA tracking	SA tracking	1,952	0	-
PV array 5	SA tracking	SA tracking	0	0	-
PV array 6	SA tracking	SA tracking	33	0	-
PV array 7	SA tracking	SA tracking	0	0	-
PV array 8	SA tracking	SA tracking	0	0	-
PV array 9	SA tracking	SA tracking	0	0	-

Component Data

PV Array(s)

Total PV footprint area: 5,143,300 m^2

Name: PV array 1
Footprint area: 534,233 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.173327	-0.683693	15.22	3.50	18.72
2	53.171796	-0.684143	15.03	3.50	18.53
3	53.171552	-0.683478	15.19	3.50	18.69
4	53.171127	-0.682985	15.98	3.50	19.48
5	53.169712	-0.681805	15.00	3.50	18.50
6	53.168092	-0.681418	16.50	3.50	20.00
7	53.167989	-0.682362	16.00	3.50	19.50
8	53.167616	-0.682427	15.86	3.50	19.36
9	53.166844	-0.682749	16.00	3.50	19.50
10	53.166574	-0.682985	16.00	3.50	19.50
11	53.166123	-0.682920	16.00	3.50	19.50
12	53.166394	-0.680345	17.00	3.50	20.50
13	53.166741	-0.680410	16.40	3.50	19.90
14	53.166831	-0.679530	17.48	3.50	20.98
15	53.167320	-0.679659	17.17	3.50	20.67
16	53.167564	-0.677277	20.64	3.50	24.14
17	53.166522	-0.676741	20.78	3.50	24.28
18	53.164593	-0.675024	20.02	3.50	23.52
19	53.163010	-0.673672	18.14	3.50	21.64
20	53.162869	-0.672857	19.04	3.50	22.54
21	53.163088	-0.672084	19.80	3.50	23.30
22	53.163679	-0.671333	23.18	3.50	26.68
23	53.165403	-0.672857	27.63	3.50	31.13
24	53.165648	-0.671870	30.61	3.50	34.11
25	53.166458	-0.671269	32.00	3.50	35.50
26	53.166857	-0.671569	31.99	3.50	35.49
27	53.167847	-0.667406	24.66	3.50	28.16
28	53.169468	-0.666720	25.10	3.50	28.60
29	53.169031	-0.668608	27.89	3.50	31.39
30	53.169198	-0.670067	30.98	3.50	34.48
31	53.169982	-0.673629	26.94	3.50	30.44
32	53.170246	-0.673758	26.58	3.50	30.08
33	53.171294	-0.673125	28.40	3.50	31.90
34	53.171745	-0.672299	30.82	3.50	34.32
35	53.172105	-0.674048	26.50	3.50	30.00
36	53.171674	-0.675957	22.65	3.50	26.15
37	53.171507	-0.677599	22.08	3.50	25.58
38	53.171629	-0.678414	22.99	3.50	26.49
39	53.171918	-0.678833	24.21	3.50	27.71
40	53.171809	-0.679283	22.62	3.50	26.12
41	53.171449	-0.679391	20.48	3.50	23.98
42	53.170838	-0.677985	18.51	3.50	22.01
43	53.170593	-0.678028	17.96	3.50	21.46
44	53.170606	-0.678200	17.83	3.50	21.33
45	53.171372	-0.679906	19.18	3.50	22.68
46	53.171249	-0.681719	17.42	3.50	20.92
47	53.171378	-0.681955	17.27	3.50	20.77
48	53.171333	-0.682395	16.56	3.50	20.06
49	53.171597	-0.682502	16.79	3.50	20.29
50	53.173384	-0.681622	18.75	3.50	22.25

Name: PV array 10
Footprint area: 185,320 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.150798	-0.633966	8.64	3.50	12.14
2	53.150219	-0.635436	8.34	3.50	11.84
3	53.150026	-0.636744	8.28	3.50	11.78
4	53.148983	-0.636744	9.89	3.50	13.39
5	53.148803	-0.636862	10.13	3.50	13.63
6	53.148829	-0.637045	9.76	3.50	13.26
7	53.147420	-0.637957	10.19	3.50	13.69
8	53.146461	-0.637796	10.65	3.50	14.15
9	53.146126	-0.637302	11.44	3.50	14.94
10	53.145875	-0.635146	9.74	3.50	13.24
11	53.145566	-0.635264	9.14	3.50	12.64
12	53.145451	-0.635843	9.42	3.50	12.92
13	53.145142	-0.635951	9.94	3.50	13.44
14	53.144987	-0.634910	11.54	3.50	15.04
15	53.144637	-0.634278	12.00	3.50	15.50
16	53.143968	-0.633344	12.41	3.50	15.91
17	53.144200	-0.633280	11.84	3.50	15.34
18	53.144953	-0.632754	9.97	3.50	13.47
19	53.145828	-0.631949	10.31	3.50	13.81
20	53.146497	-0.631509	11.15	3.50	14.65
21	53.147668	-0.633848	12.51	3.50	16.01
22	53.148395	-0.633344	12.81	3.50	16.31
23	53.148254	-0.632947	13.08	3.50	16.58
24	53.148910	-0.632035	13.05	3.50	16.55
25	53.149148	-0.632604	13.03	3.50	16.53
26	53.149631	-0.631853	12.49	3.50	15.99

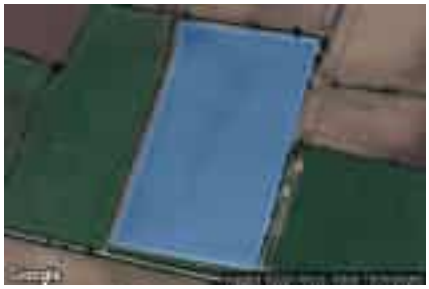
Name: PV array 11
Footprint area: 717,751 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.148506	-0.631749	13.14	3.50	16.64
2	53.147850	-0.632704	12.97	3.50	16.47
3	53.147683	-0.632715	12.37	3.50	15.87
4	53.146640	-0.630945	11.20	3.50	14.70
5	53.146396	-0.630848	12.22	3.50	15.72
6	53.145637	-0.631266	12.28	3.50	15.78
7	53.144343	-0.632565	11.04	3.50	14.54
8	53.142046	-0.627951	13.11	3.50	16.61
9	53.141524	-0.626084	12.34	3.50	15.84
10	53.138596	-0.627329	13.83	3.50	17.33
11	53.138454	-0.627232	13.48	3.50	16.98
12	53.137051	-0.628370	12.96	3.50	16.46
13	53.137154	-0.629056	13.21	3.50	16.71
14	53.135919	-0.628649	14.19	3.50	17.69
15	53.135771	-0.627640	12.78	3.50	16.28
16	53.134593	-0.628456	13.03	3.50	16.53
17	53.134464	-0.624700	12.77	3.50	16.27
18	53.134618	-0.624700	12.76	3.50	16.26
19	53.134631	-0.624990	12.76	3.50	16.26
20	53.135655	-0.624947	12.58	3.50	16.08
21	53.135758	-0.626331	11.86	3.50	15.36
22	53.136112	-0.626567	11.92	3.50	15.42
23	53.136549	-0.625162	10.74	3.50	14.24
24	53.136717	-0.625055	10.13	3.50	13.63
25	53.136652	-0.624636	10.38	3.50	13.88
26	53.137450	-0.624089	10.03	3.50	13.53
27	53.135830	-0.616790	7.11	3.50	10.61
28	53.136200	-0.615960	9.66	3.50	13.16
29	53.137240	-0.614930	7.15	3.50	10.65
30	53.137620	-0.615710	7.24	3.50	10.74
31	53.137860	-0.615550	7.38	3.50	10.88
32	53.137990	-0.614790	7.14	3.50	10.64
33	53.139105	-0.617426	7.93	3.50	11.43
34	53.139800	-0.619754	11.05	3.50	14.55
35	53.141717	-0.618682	9.38	3.50	12.88
36	53.142129	-0.620227	11.21	3.50	14.71
37	53.142007	-0.620323	10.80	3.50	14.30
38	53.142541	-0.622211	11.19	3.50	14.69
39	53.144034	-0.620784	11.76	3.50	15.26
40	53.144607	-0.623563	11.92	3.50	15.42
41	53.145591	-0.624582	12.63	3.50	16.13
42	53.145044	-0.625248	12.90	3.50	16.40
43	53.145077	-0.625666	12.28	3.50	15.78
44	53.146634	-0.628348	11.72	3.50	15.22
45	53.146808	-0.628220	12.16	3.50	15.66
46	53.148268	-0.630762	12.11	3.50	15.61
47	53.148101	-0.631030	11.92	3.50	15.42

Name: PV array 12
Footprint area: 73,115 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.136228	-0.613414	8.07	3.50	11.57
2	53.135854	-0.613478	8.46	3.50	11.96
3	53.133222	-0.614980	9.82	3.50	13.32
4	53.132887	-0.611772	10.64	3.50	14.14
5	53.135977	-0.610335	9.13	3.50	12.63

Name: PV array 13
Footprint area: 735,403 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.135585	-0.658160	11.48	3.50	14.98
2	53.136461	-0.665906	14.75	3.50	18.25
3	53.130642	-0.667945	14.56	3.50	18.06
4	53.130333	-0.666357	13.81	3.50	17.31
5	53.128440	-0.666872	14.86	3.50	18.36
6	53.128582	-0.668717	14.77	3.50	18.27
7	53.128273	-0.668782	14.57	3.50	18.07
8	53.128131	-0.667301	14.49	3.50	17.99
9	53.125730	-0.667666	13.07	3.50	16.57
10	53.125710	-0.667945	12.94	3.50	16.44
11	53.124455	-0.667505	13.19	3.50	16.69
12	53.124558	-0.666711	12.70	3.50	16.20
13	53.123380	-0.665788	11.31	3.50	14.81
14	53.123457	-0.665370	11.00	3.50	14.50
15	53.123122	-0.665220	12.04	3.50	15.54
16	53.123476	-0.663514	13.15	3.50	16.65
17	53.124365	-0.661776	13.29	3.50	16.79
18	53.124571	-0.660832	13.96	3.50	17.46
19	53.125067	-0.660220	13.10	3.50	16.60
20	53.126410	-0.656650	11.66	3.50	15.16
21	53.126650	-0.656260	11.38	3.50	14.88
22	53.126960	-0.656270	11.65	3.50	15.15
23	53.127018	-0.656070	12.25	3.50	15.75
24	53.127600	-0.659050	12.08	3.50	15.58
25	53.128790	-0.658920	13.52	3.50	17.02
26	53.129280	-0.661440	14.94	3.50	18.44
27	53.131090	-0.659840	14.90	3.50	18.40
28	53.131520	-0.659500	14.40	3.50	17.90
29	53.132320	-0.658860	12.70	3.50	16.20
30	53.133270	-0.657930	12.71	3.50	16.21
31	53.133345	-0.658664	11.01	3.50	14.51

Name: PV array 14
Footprint area: 203,756 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132660	-0.653180	10.42	3.50	13.92
2	53.132070	-0.653360	10.23	3.50	13.73
3	53.131511	-0.653075	11.28	3.50	14.78
4	53.130770	-0.652409	10.38	3.50	13.88
5	53.130352	-0.650049	9.94	3.50	13.44
6	53.130095	-0.649556	9.85	3.50	13.35
7	53.130275	-0.649255	10.71	3.50	14.21
8	53.132390	-0.648020	11.38	3.50	14.88
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
15	53.138060	-0.652120	9.08	23.50	32.58
15	53.138060	-0.652120	9.08	23.50	32.58
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38

Name: PV array 15
Footprint area: 78,226 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132772	-0.647378	9.94	3.50	13.44
2	53.130056	-0.648847	10.80	3.50	14.30
3	53.129882	-0.649255	9.89	3.50	13.39
4	53.129303	-0.648847	10.80	3.50	14.30
5	53.128942	-0.648858	10.87	3.50	14.37
6	53.128884	-0.648418	11.51	3.50	15.01
7	53.128311	-0.648386	11.43	3.50	14.93
8	53.128105	-0.646884	11.40	3.50	14.90
9	53.130622	-0.645758	10.83	3.50	14.33
10	53.130700	-0.646122	11.65	3.50	15.15
11	53.131298	-0.645768	10.18	3.50	13.68
12	53.132410	-0.645330	9.00	3.50	12.50

Name: PV array 2
Footprint area: 575,691 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.178640	-0.666110	19.50	3.50	23.00
2	53.177870	-0.669090	19.28	3.50	22.78
3	53.176523	-0.668029	19.69	3.50	23.19
4	53.174220	-0.666891	26.06	3.50	29.56
5	53.174465	-0.660669	17.80	3.50	21.30
6	53.172497	-0.660755	16.16	3.50	19.66
7	53.172510	-0.661355	17.14	3.50	20.64
8	53.172960	-0.661484	17.29	3.50	20.79
9	53.173230	-0.666677	24.28	3.50	27.78
10	53.172175	-0.666226	20.97	3.50	24.47
11	53.171823	-0.664919	19.69	3.50	23.19
12	53.171714	-0.664865	19.72	3.50	23.22
13	53.170968	-0.662526	18.08	3.50	21.58
14	53.170357	-0.661797	17.29	3.50	20.79
15	53.174293	-0.653523	13.69	3.50	17.19
16	53.178283	-0.655459	15.69	3.50	19.19
17	53.179363	-0.655588	13.41	3.50	16.91
18	53.178051	-0.662519	19.70	3.50	23.20
19	53.177884	-0.665737	19.63	3.50	23.13

Name: PV array 3
Footprint area: 679,844 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.162240	-0.675330	17.85	3.50	21.35
2	53.159340	-0.671810	16.96	3.50	20.46
3	53.159790	-0.670480	16.50	3.50	20.00
4	53.160860	-0.668250	17.83	3.50	21.33
5	53.160420	-0.666810	17.26	3.50	20.76
6	53.159450	-0.669110	15.52	3.50	19.02
7	53.159860	-0.669750	15.96	3.50	19.46
8	53.159140	-0.671710	16.90	3.50	20.40
9	53.158240	-0.670650	16.68	3.50	20.18
10	53.158390	-0.670070	16.03	3.50	19.53
11	53.157840	-0.668790	15.77	3.50	19.27
12	53.159770	-0.664130	19.42	3.50	22.92
13	53.159920	-0.664410	18.34	3.50	21.84
14	53.160980	-0.661830	24.57	3.50	28.07
15	53.161160	-0.662010	24.26	3.50	27.76
16	53.161290	-0.661640	25.79	3.50	29.29
17	53.161160	-0.661450	26.00	3.50	29.50
18	53.162190	-0.659350	26.37	3.50	29.87
19	53.162080	-0.658850	26.32	3.50	29.82
20	53.162650	-0.657690	27.46	3.50	30.96
21	53.165690	-0.658340	22.70	3.50	26.20
22	53.165920	-0.658980	21.27	3.50	24.77
23	53.166210	-0.659430	20.99	3.50	24.49
24	53.165960	-0.661020	21.23	3.50	24.73
25	53.167980	-0.662370	18.26	3.50	21.76
26	53.167650	-0.663320	18.23	3.50	21.73
27	53.167500	-0.667240	23.91	3.50	27.41
28	53.164620	-0.668620	26.56	3.50	30.06
29	53.164820	-0.669520	27.49	3.50	30.99
30	53.163160	-0.671190	20.73	3.50	24.23
31	53.162730	-0.672050	18.84	3.50	22.34
32	53.162570	-0.673160	18.39	3.50	21.89
33	53.162750	-0.673700	17.85	3.50	21.35
34	53.162650	-0.674340	17.02	3.50	20.52

Name: PV array 4
Footprint area: 539,048 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.172585	-0.642585	14.81	3.50	18.31
2	53.173512	-0.648335	13.73	3.50	17.23
3	53.168740	-0.657433	17.19	3.50	20.69
4	53.168530	-0.657412	16.94	3.50	20.44
5	53.168310	-0.657830	18.09	3.50	21.59
6	53.168300	-0.658730	18.04	3.50	21.54
7	53.168070	-0.658890	17.95	3.50	21.45
8	53.165850	-0.657640	21.97	3.50	25.47
8	53.165850	-0.657640	21.97	3.50	25.47
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
14	53.167520	-0.655510	17.58	3.50	21.08
15	53.167980	-0.655110	18.44	3.50	21.94
16	53.169113	-0.651554	16.06	3.50	19.56
17	53.169113	-0.651060	15.41	3.50	18.91
18	53.168032	-0.650867	15.63	3.50	19.13
19	53.167955	-0.651597	16.07	3.50	19.57
20	53.167337	-0.651232	15.83	3.50	19.33
21	53.166077	-0.651103	19.26	3.50	22.76
22	53.166115	-0.650481	18.68	3.50	22.18
23	53.165961	-0.650181	19.78	3.50	23.28
24	53.168251	-0.644537	17.16	3.50	20.66
25	53.168920	-0.644687	16.30	3.50	19.80
26	53.170129	-0.644408	16.57	3.50	20.07
27	53.171132	-0.643754	15.25	3.50	18.75
28	53.171151	-0.643400	15.23	3.50	18.73
29	53.172000	-0.642681	14.97	3.50	18.47

Name: PV array 5
Footprint area: 85,119 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.175987	-0.638261	17.17	3.50	20.67
2	53.175962	-0.637317	17.32	3.50	20.82
3	53.175704	-0.636180	15.99	3.50	19.49
4	53.172039	-0.635257	10.34	3.50	13.84
5	53.170855	-0.638197	11.33	3.50	14.83
6	53.174251	-0.638304	12.30	3.50	15.80

Name: PV array 6
Footprint area: 178,317 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.167678	-0.644140	17.52	3.50	21.02
2	53.165556	-0.649011	19.39	3.50	22.89
3	53.164810	-0.644784	20.41	3.50	23.91
4	53.165350	-0.641716	16.27	3.50	19.77
5	53.163562	-0.640986	20.48	3.50	23.98
6	53.161902	-0.640643	22.38	3.50	25.88
7	53.159226	-0.640385	15.78	3.50	19.28
8	53.159329	-0.638197	13.14	3.50	16.64
9	53.162726	-0.638883	20.72	3.50	24.22
10	53.164115	-0.639205	17.21	3.50	20.71
11	53.165183	-0.639763	14.44	3.50	17.94
12	53.165800	-0.640707	14.81	3.50	18.31
13	53.166366	-0.642209	16.10	3.50	19.60
14	53.166971	-0.643282	16.63	3.50	20.13

Name: PV array 7
Footprint area: 492,432 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.164655	-0.651071	23.57	3.50	27.07
2	53.164218	-0.652101	24.34	3.50	27.84
3	53.163588	-0.652015	24.43	3.50	27.93
4	53.163575	-0.652466	24.10	3.50	27.60
5	53.163883	-0.652809	24.86	3.50	28.36
6	53.162790	-0.655406	26.04	3.50	29.54
7	53.162404	-0.655148	26.50	3.50	30.00
8	53.162082	-0.655835	27.39	3.50	30.89
9	53.162263	-0.656543	27.11	3.50	30.61
10	53.161516	-0.658324	26.25	3.50	29.75
11	53.158776	-0.654054	22.55	3.50	26.05
12	53.156879	-0.652104	18.45	3.50	21.95
13	53.156840	-0.650806	17.85	3.50	21.35
14	53.156634	-0.650474	16.75	3.50	20.25
15	53.155412	-0.650935	12.99	3.50	16.49
16	53.155245	-0.650441	12.47	3.50	15.97
17	53.154428	-0.650484	11.62	3.50	15.12
18	53.152317	-0.650581	10.82	3.50	14.32
19	53.151545	-0.650656	11.68	3.50	15.18
20	53.151481	-0.651761	11.49	3.50	14.99
21	53.151159	-0.651729	12.56	3.50	16.06
22	53.151178	-0.650924	12.32	3.50	15.82
23	53.150863	-0.650624	12.97	3.50	16.47
24	53.149042	-0.650581	13.39	3.50	16.89
25	53.149113	-0.652083	14.82	3.50	18.32
26	53.147459	-0.652115	10.92	3.50	14.42
27	53.147762	-0.654604	14.65	3.50	18.15
28	53.146730	-0.654770	11.29	3.50	14.79
29	53.146710	-0.654450	10.79	3.50	14.29
30	53.146660	-0.653930	9.99	3.50	13.49
31	53.146560	-0.653210	9.32	3.50	12.82
32	53.146500	-0.652650	9.65	3.50	13.15
33	53.146620	-0.652540	9.69	3.50	13.19
34	53.146670	-0.652330	9.64	3.50	13.14
35	53.146500	-0.650990	8.94	3.50	12.44
36	53.146830	-0.651060	9.07	3.50	12.57
37	53.147220	-0.650840	9.43	3.50	12.93
38	53.147530	-0.650195	9.95	3.50	13.45
39	53.148058	-0.647824	10.34	3.50	13.84
40	53.149293	-0.647502	11.75	3.50	15.25
41	53.149364	-0.647008	11.40	3.50	14.90
42	53.149004	-0.645163	9.84	3.50	13.34
43	53.149068	-0.644702	10.07	3.50	13.57
44	53.149589	-0.644659	10.09	3.50	13.59
45	53.150246	-0.645152	10.47	3.50	13.97
46	53.150709	-0.646118	10.77	3.50	14.27
47	53.150861	-0.646854	11.55	3.50	15.05
48	53.152186	-0.646683	10.55	3.50	14.05
49	53.152302	-0.648378	10.85	3.50	14.35
50	53.152559	-0.648356	11.03	3.50	14.53
51	53.152650	-0.647820	11.33	3.50	14.83
52	53.152843	-0.647562	10.51	3.50	14.01
53	53.152984	-0.648185	10.54	3.50	14.04
54	53.153396	-0.648850	10.72	3.50	14.22
55	53.153821	-0.649000	11.70	3.50	15.20
56	53.153821	-0.647176	11.57	3.50	15.07
57	53.157030	-0.647114	18.62	3.50	22.12
58	53.157911	-0.650923	21.21	3.50	24.71
59	53.159526	-0.650773	24.30	3.50	27.80
60	53.159841	-0.651545	25.93	3.50	29.43
61	53.160478	-0.652318	28.32	3.50	31.82
62	53.160542	-0.654142	27.00	3.50	30.50
63	53.161668	-0.654152	28.25	3.50	31.75
64	53.162003	-0.653691	27.32	3.50	30.82

65	53.161359	-0.652489	27.84	3.50	31.34
66	53.161314	-0.650848	28.23	3.50	31.73

Name: PV array 8
Footprint area: 15,661 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.149067	-0.644094	9.24	3.50	12.74
2	53.149505	-0.644029	9.82	3.50	13.32
3	53.149878	-0.644094	9.57	3.50	13.07
4	53.150888	-0.643353	9.27	3.50	12.77
5	53.150521	-0.642002	8.25	3.50	11.75
6	53.149871	-0.642806	8.50	3.50	12.00
7	53.149472	-0.642796	8.80	3.50	12.30
8	53.149215	-0.643192	8.74	3.50	12.24
9	53.149022	-0.644072	9.17	3.50	12.67

Name: PV array 9
Footprint area: 49,385 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade-slope
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Smooth glass without AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 6.55 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.144985	-0.656700	12.95	3.50	16.45
2	53.143230	-0.656440	10.07	3.50	13.57
3	53.143170	-0.652900	8.94	3.50	12.44
4	53.143890	-0.652530	9.13	3.50	12.63
5	53.144200	-0.652530	9.20	3.50	12.70
6	53.144680	-0.653130	9.45	3.50	12.95
7	53.144910	-0.653050	9.39	3.50	12.89

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	53.171147	-0.699403	14.90	2.75	17.65
OP 2	53.172317	-0.697086	13.85	2.75	16.60
OP 3	53.173681	-0.694683	14.78	2.75	17.53
OP 4	53.174902	-0.692280	14.00	2.75	16.75
OP 5	53.175983	-0.690284	12.96	2.75	15.71
OP 6	53.177217	-0.688031	14.00	2.75	16.75
OP 7	53.178401	-0.685735	14.77	2.75	17.52
OP 8	53.179597	-0.683589	15.22	2.75	17.97
OP 9	53.180908	-0.681014	16.79	2.75	19.54
OP 10	53.181937	-0.678847	15.65	2.75	18.40
OP 11	53.182901	-0.676530	15.79	2.75	18.54
OP 12	53.183853	-0.673847	14.15	2.75	16.90
OP 13	53.184650	-0.671294	14.24	2.75	16.99

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
PV array 1	SA tracking	SA tracking	197	0	-	-
PV array 10	SA tracking	SA tracking	2,603	0	-	-
PV array 11	SA tracking	SA tracking	0	0	-	-
PV array 12	SA tracking	SA tracking	1,122	0	-	-
PV array 13	SA tracking	SA tracking	0	0	-	-
PV array 14	SA tracking	SA tracking	0	0	-	-
PV array 15	SA tracking	SA tracking	40	0	-	-
PV array 2	SA tracking	SA tracking	0	0	-	-
PV array 3	SA tracking	SA tracking	0	0	-	-
PV array 4	SA tracking	SA tracking	1,952	0	-	-
PV array 5	SA tracking	SA tracking	0	0	-	-
PV array 6	SA tracking	SA tracking	33	0	-	-
PV array 7	SA tracking	SA tracking	0	0	-	-
PV array 8	SA tracking	SA tracking	0	0	-	-
PV array 9	SA tracking	SA tracking	0	0	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
pv-array-1 (green)	0	0	0	93	0	0	0	58	0	41	0	0
pv-array-1 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-10 (green)	295	0	0	0	0	0	0	0	0	0	181	269
pv-array-10 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-12 (green)	70	1	0	0	0	0	0	0	0	0	23	177
pv-array-12 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-15 (green)	15	0	0	0	0	0	0	0	0	0	0	25
pv-array-15 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-4 (green)	401	0	2	0	0	0	0	0	0	78	393	371
pv-array-4 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-6 (green)	3	0	0	0	0	0	0	0	0	9	21	0
pv-array-6 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

PV array 1 low potential for temporary after-image

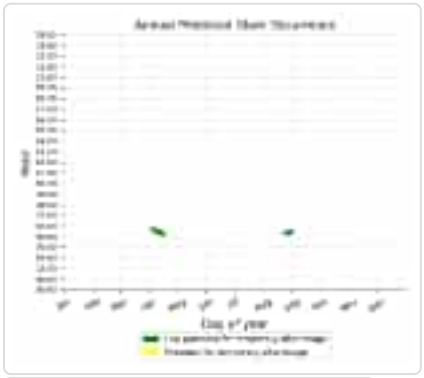
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	151	0
OP: OP 2	46	0
OP: OP 3	0	0
OP: OP 4	0	0

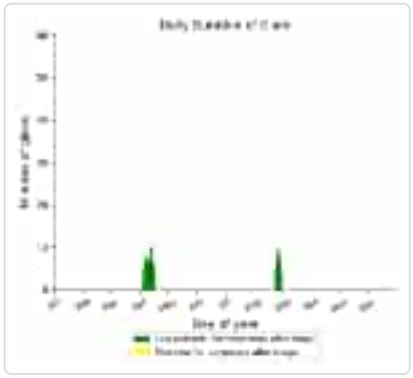
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

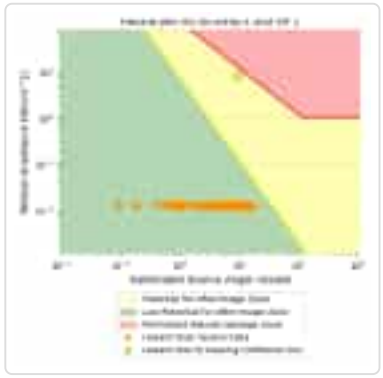
PV array 1: OP 1

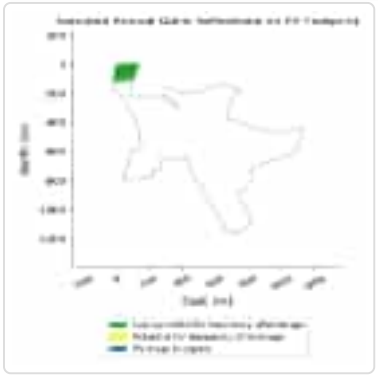
PV array is expected to produce the following glare for this receptor:

- 151 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





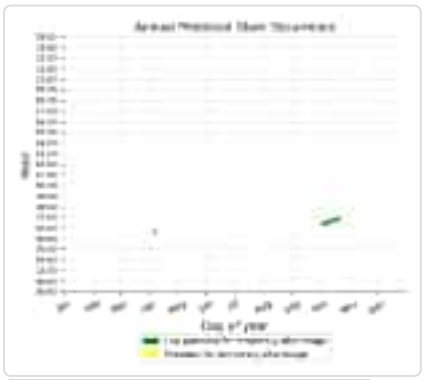


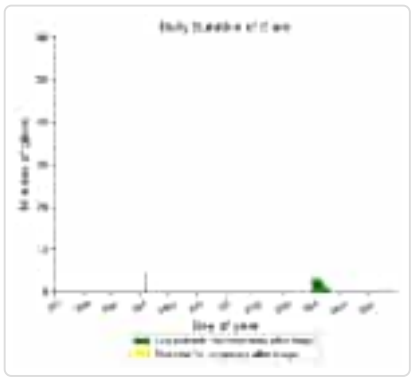


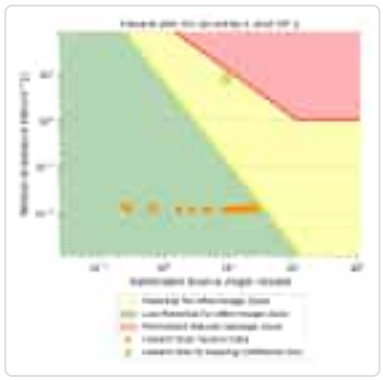
PV array 1: OP 2

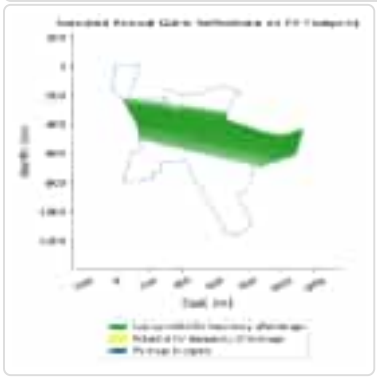
PV array is expected to produce the following glare for this receptor:

- 46 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 3

No glare found

PV array 1: OP 4

No glare found

PV array 1: OP 5

No glare found

PV array 1: OP 6

No glare found

PV array 1: OP 7

No glare found

PV array 1: OP 8

No glare found

PV array 1: OP 9

No glare found

PV array 1: OP 10

No glare found

PV array 1: OP 11

No glare found

PV array 1: OP 12

No glare found

PV array 1: OP 13

No glare found

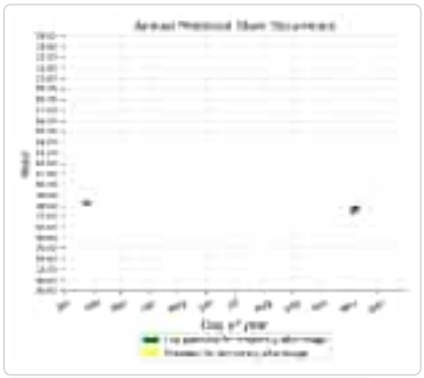
PV array 10 low potential for temporary after-image

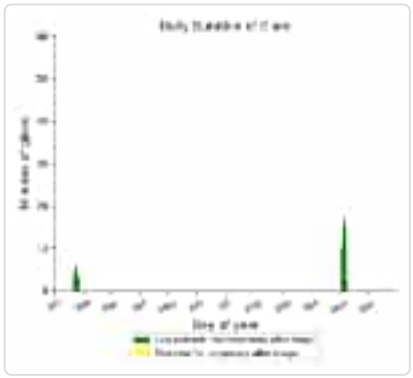
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	117	0
OP: OP 2	163	0
OP: OP 3	184	0
OP: OP 4	279	0
OP: OP 5	351	0
OP: OP 6	359	0
OP: OP 7	408	0
OP: OP 8	324	0
OP: OP 9	217	0
OP: OP 10	155	0
OP: OP 11	46	0
OP: OP 12	0	0
OP: OP 13	0	0

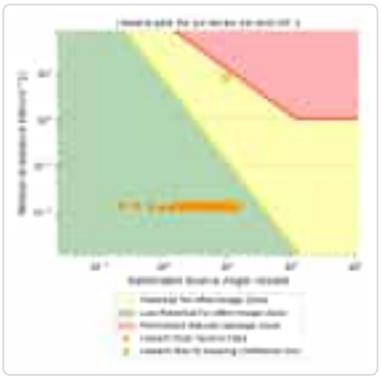
PV array 10: OP 1

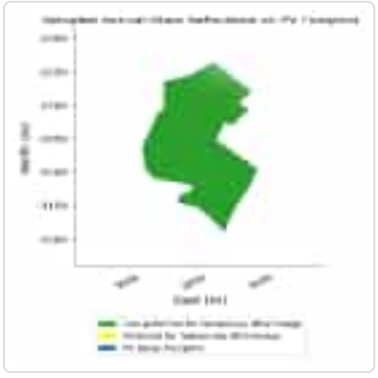
PV array is expected to produce the following glare for this receptor:

- 117 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





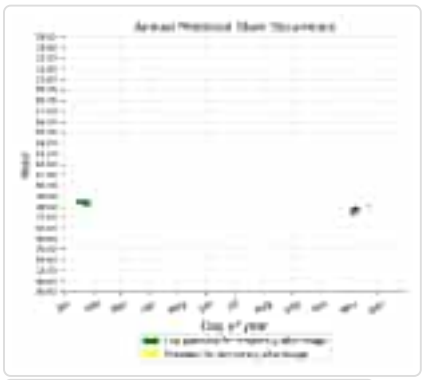


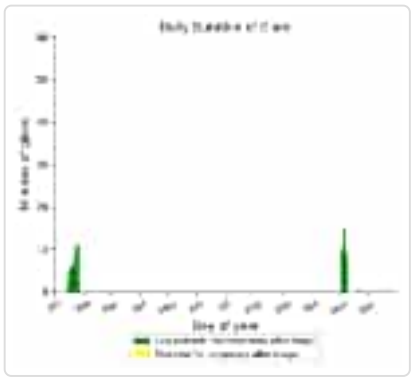


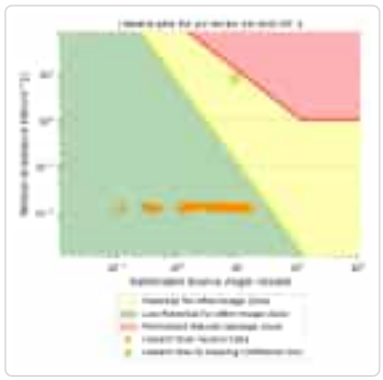
PV array 10: OP 2

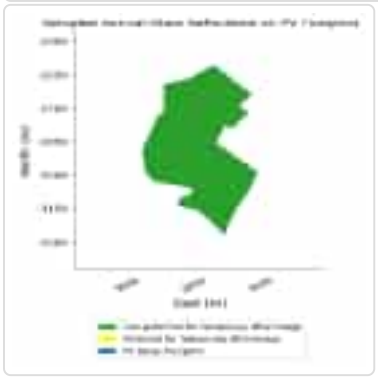
PV array is expected to produce the following glare for this receptor:

- 163 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





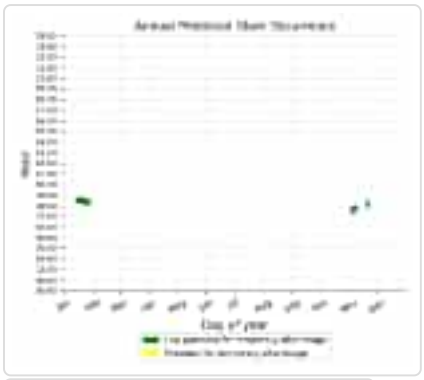


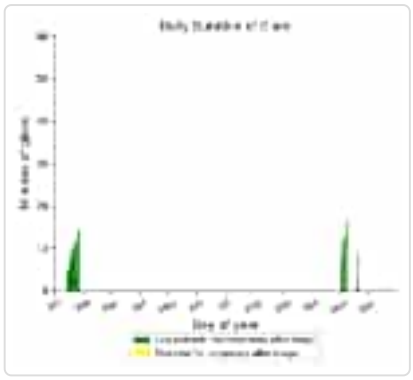


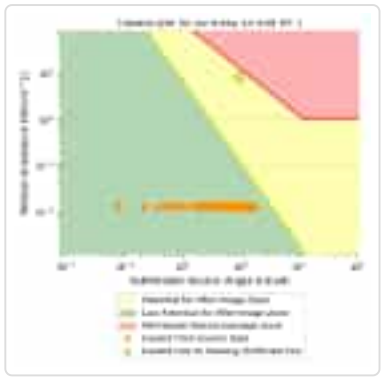
PV array 10: OP 3

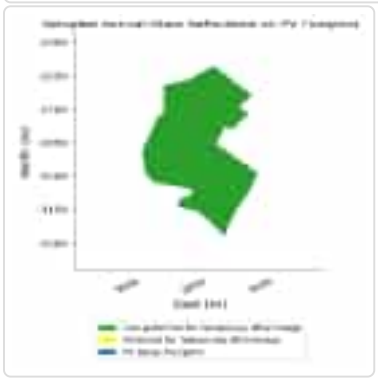
PV array is expected to produce the following glare for this receptor:

- 184 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





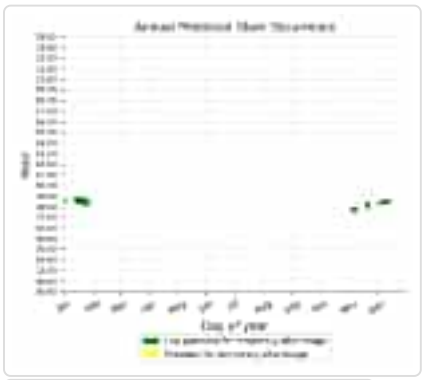


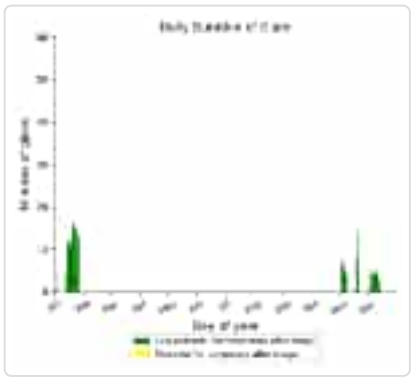


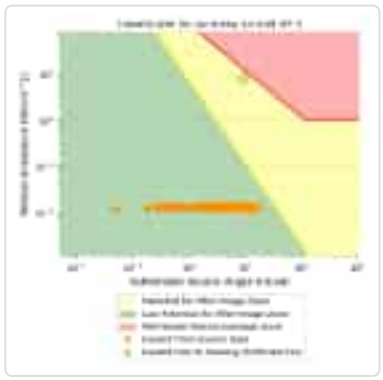
PV array 10: OP 4

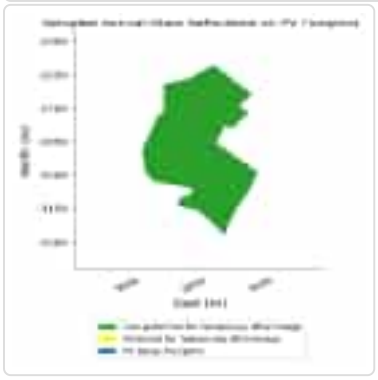
PV array is expected to produce the following glare for this receptor:

- 279 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





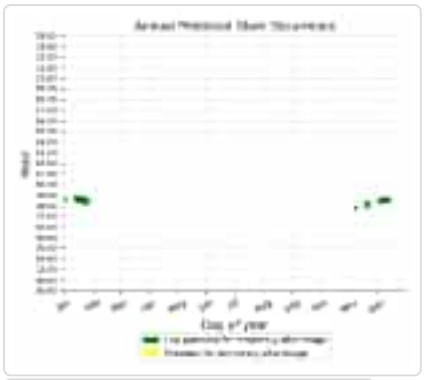


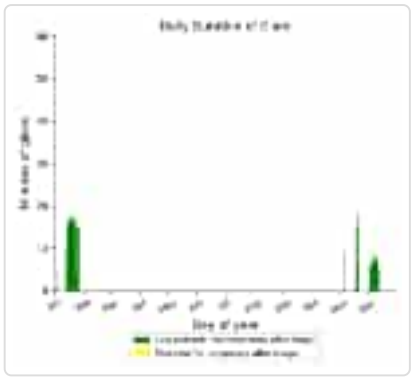


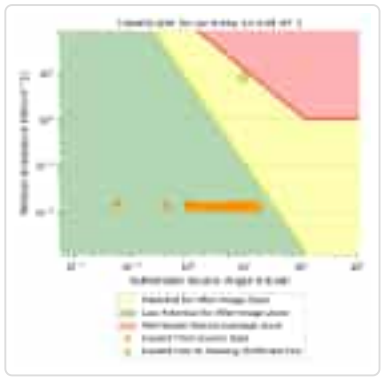
PV array 10: OP 5

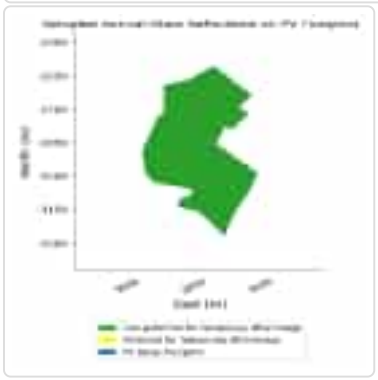
PV array is expected to produce the following glare for this receptor:

- 351 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





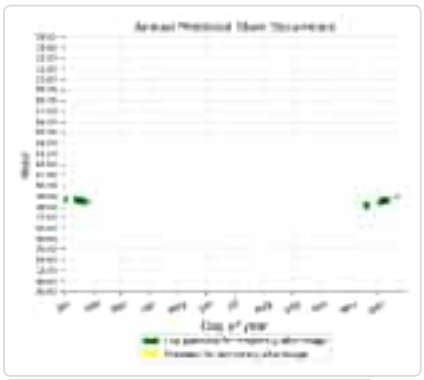


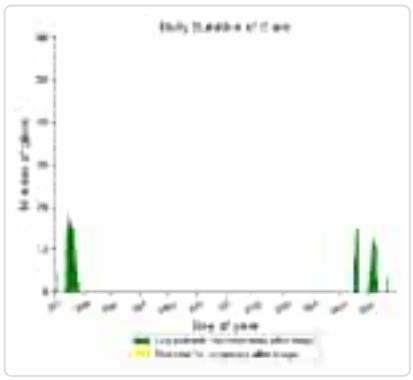


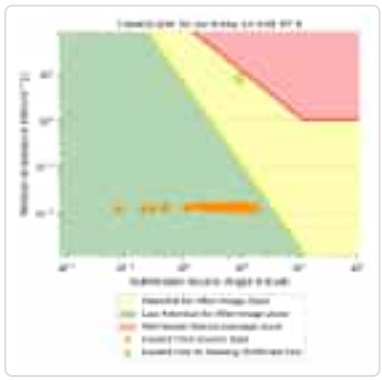
PV array 10: OP 6

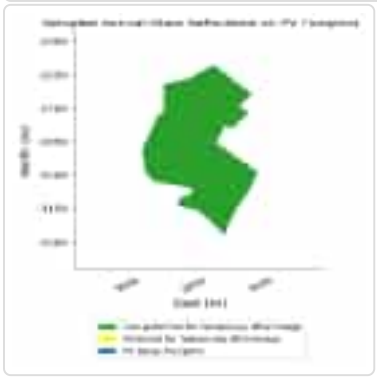
PV array is expected to produce the following glare for this receptor:

- 359 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





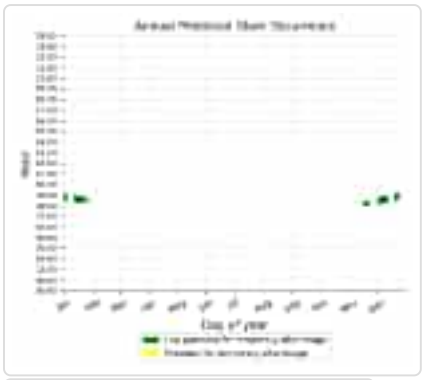


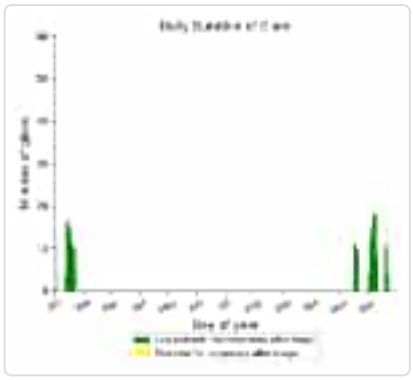


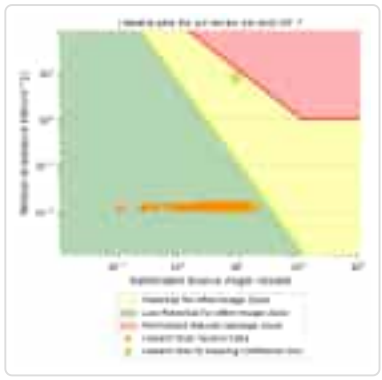
PV array 10: OP 7

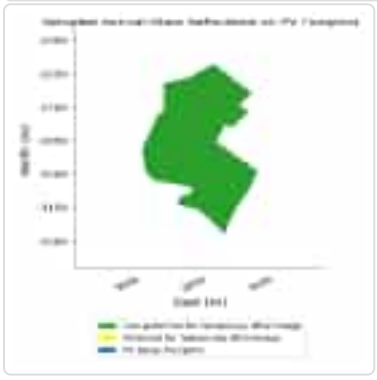
PV array is expected to produce the following glare for this receptor:

- 408 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





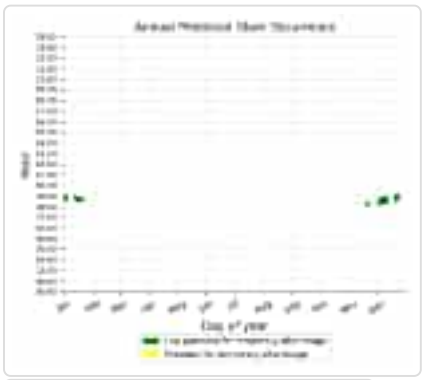


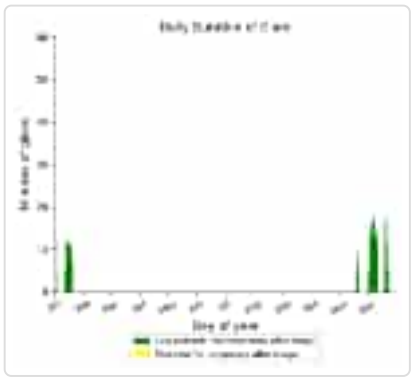


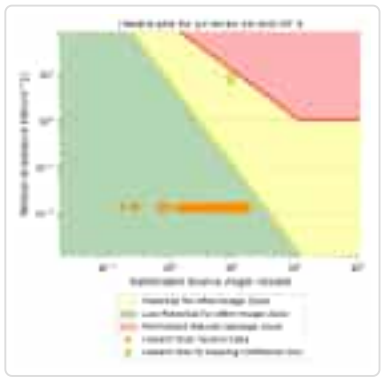
PV array 10: OP 8

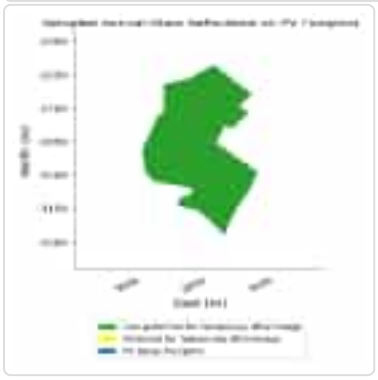
PV array is expected to produce the following glare for this receptor:

- 324 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





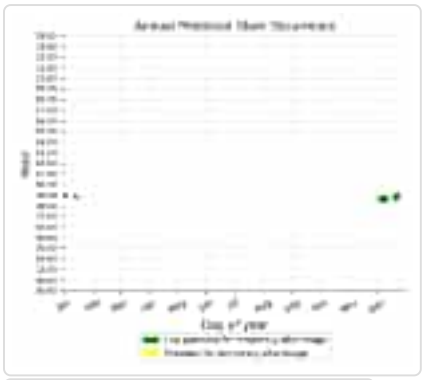


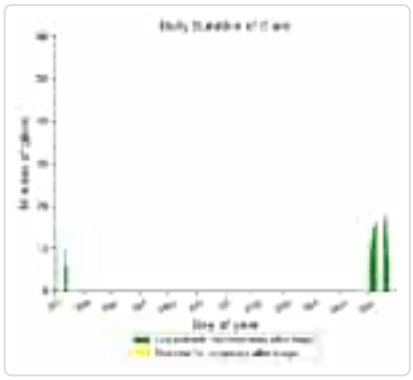


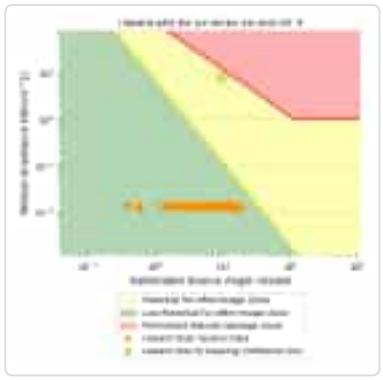
PV array 10: OP 9

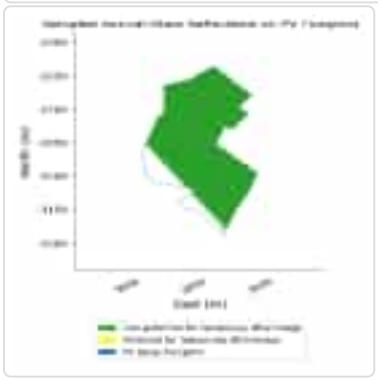
PV array is expected to produce the following glare for this receptor:

- 217 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





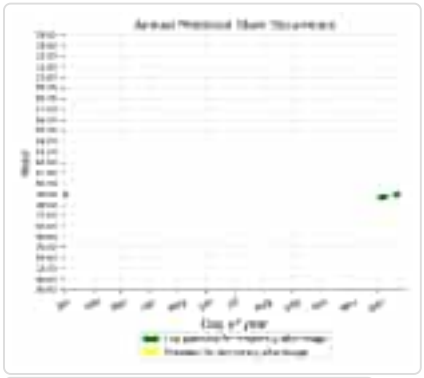


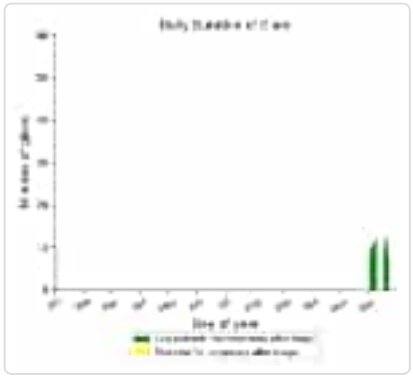


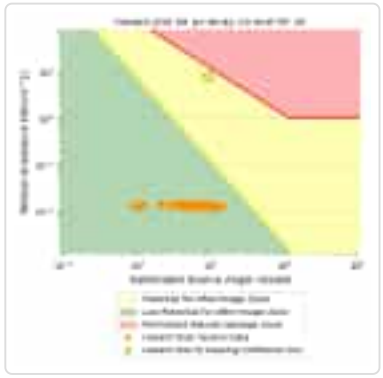
PV array 10: OP 10

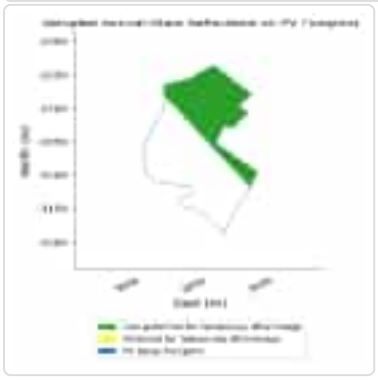
PV array is expected to produce the following glare for this receptor:

- 155 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





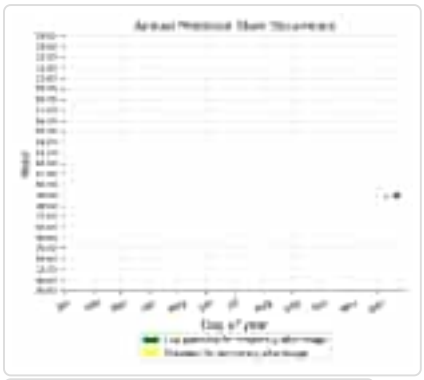


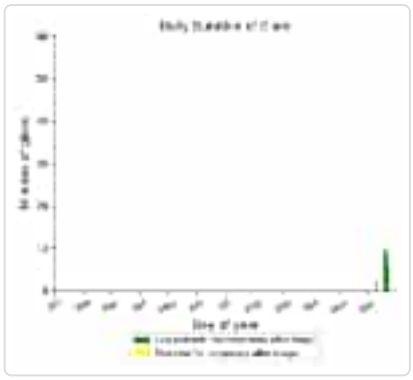


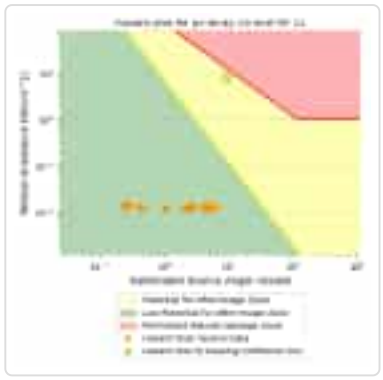
PV array 10: OP 11

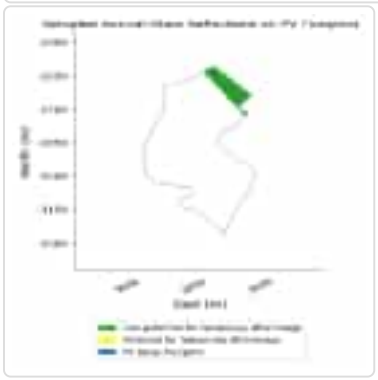
PV array is expected to produce the following glare for this receptor:

- 46 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 12

No glare found

PV array 10: OP 13

No glare found

PV array 11 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

No glare found

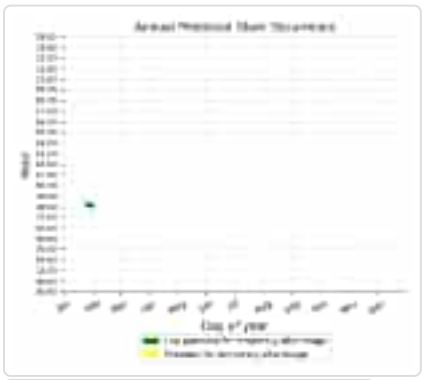
PV array 12 low potential for temporary after-image

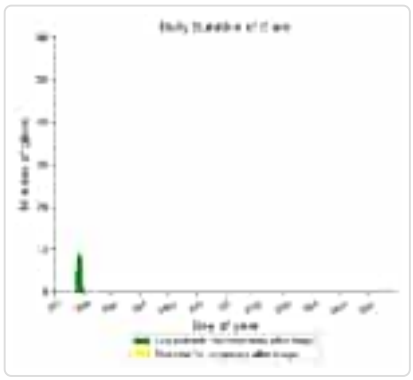
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	63	0
OP: OP 2	65	0
OP: OP 3	116	0
OP: OP 4	160	0
OP: OP 5	186	0
OP: OP 6	193	0
OP: OP 7	179	0
OP: OP 8	160	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

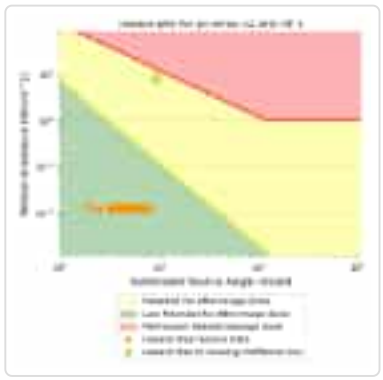
PV array 12: OP 1

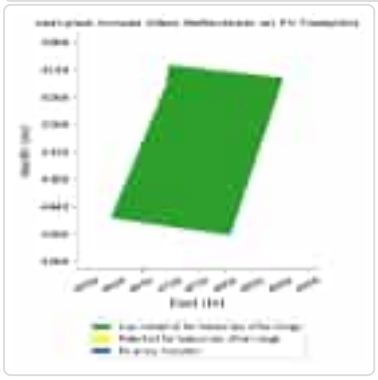
PV array is expected to produce the following glare for this receptor:

- 63 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





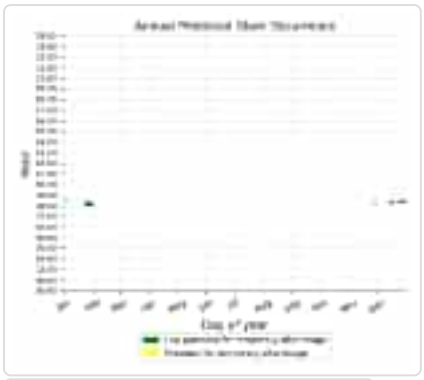


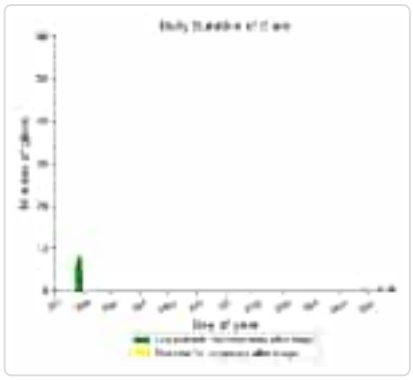


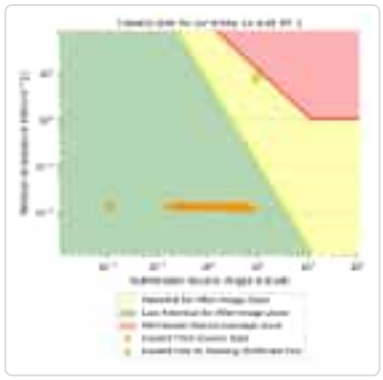
PV array 12: OP 2

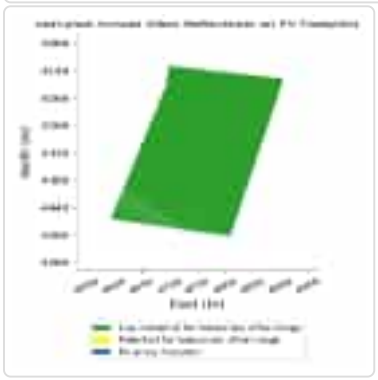
PV array is expected to produce the following glare for this receptor:

- 65 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





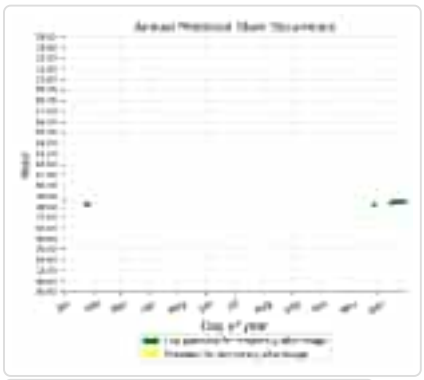


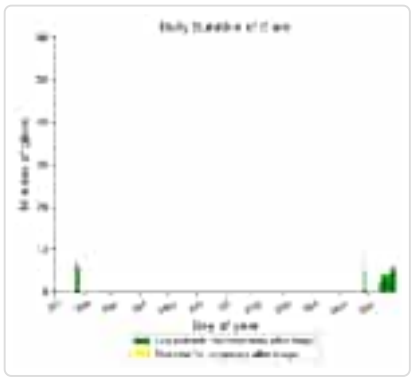


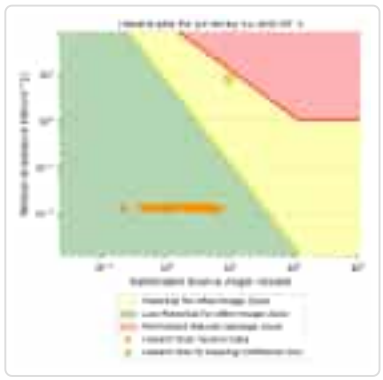
PV array 12: OP 3

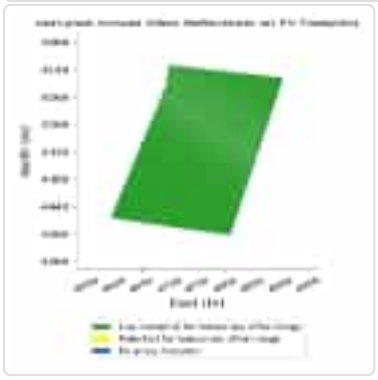
PV array is expected to produce the following glare for this receptor:

- 116 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





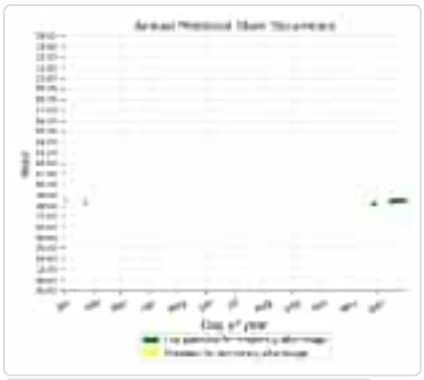


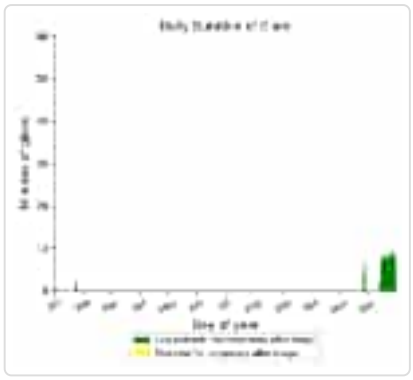


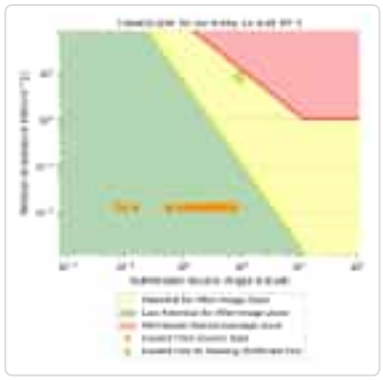
PV array 12: OP 4

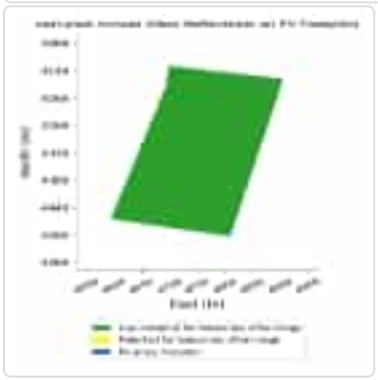
PV array is expected to produce the following glare for this receptor:

- 160 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





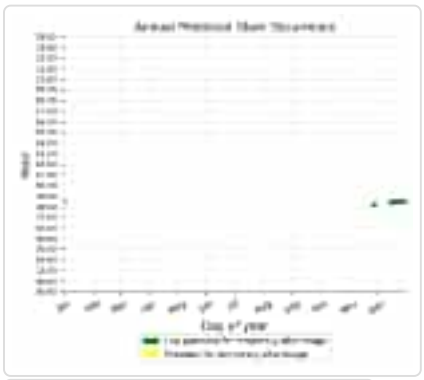


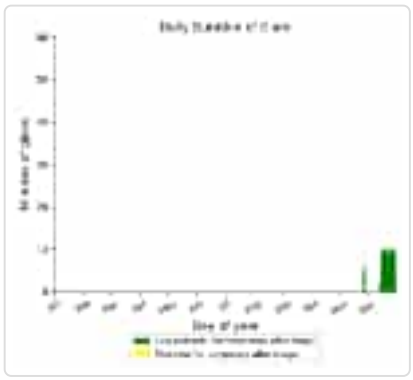


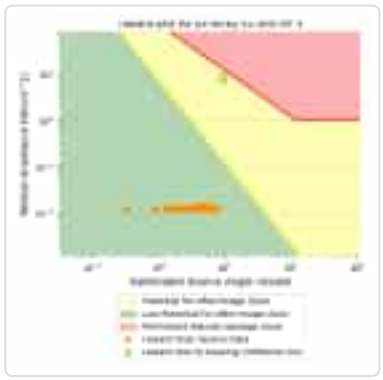
PV array 12: OP 5

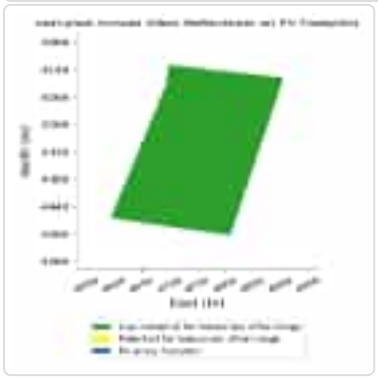
PV array is expected to produce the following glare for this receptor:

- 186 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





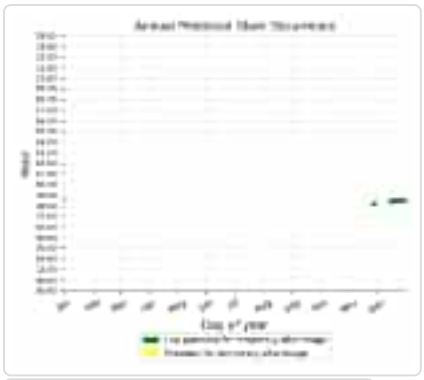


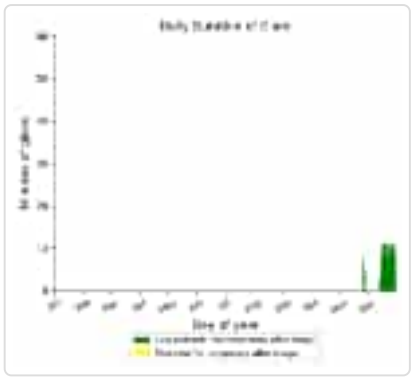


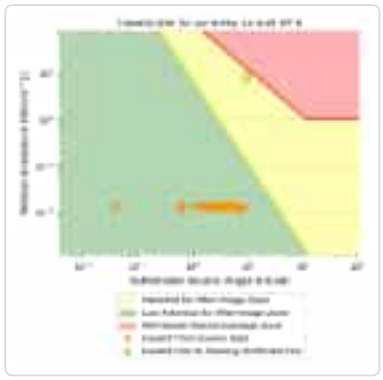
PV array 12: OP 6

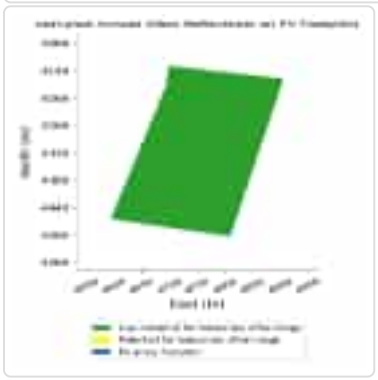
PV array is expected to produce the following glare for this receptor:

- 193 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





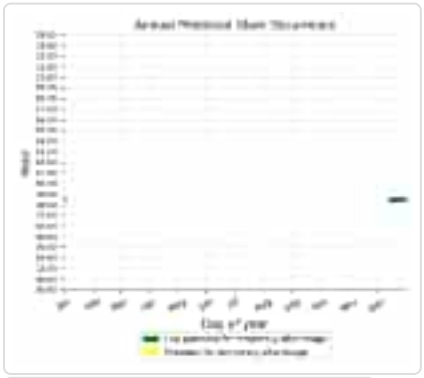


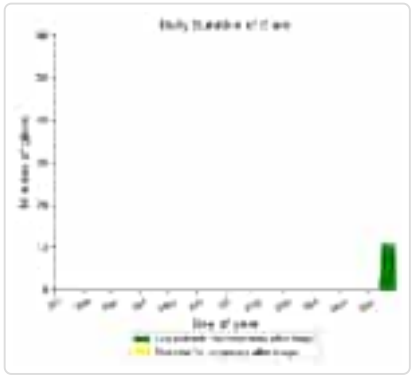


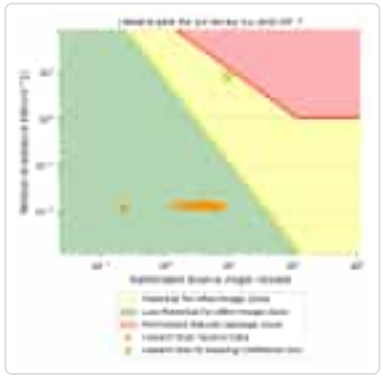
PV array 12: OP 7

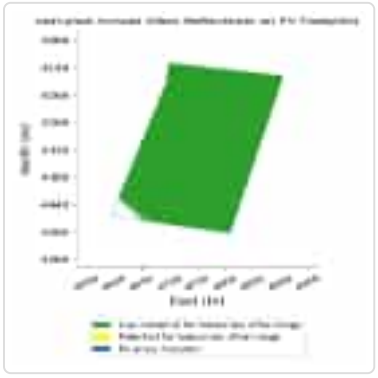
PV array is expected to produce the following glare for this receptor:

- 179 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





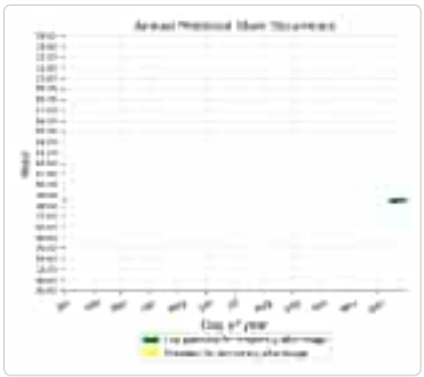


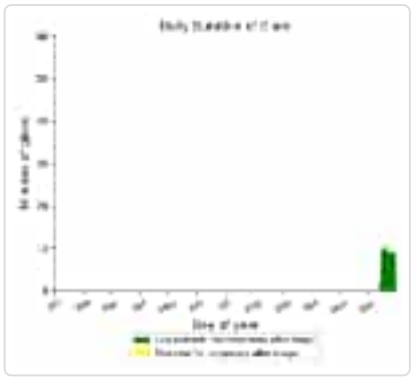


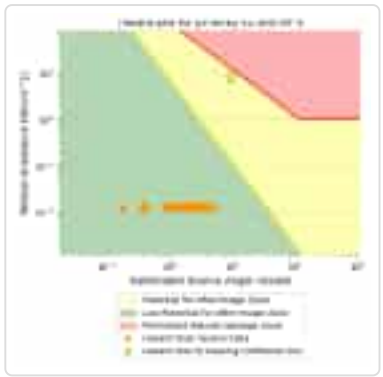
PV array 12: OP 8

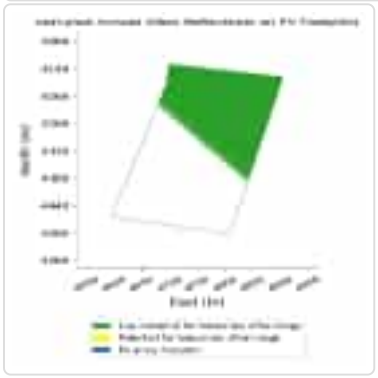
PV array is expected to produce the following glare for this receptor:

- 160 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12: OP 9

No glare found

PV array 12: OP 10

No glare found

PV array 12: OP 11

No glare found

PV array 12: OP 12

No glare found

PV array 12: OP 13

No glare found

PV array 13 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

No glare found

PV array 14 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

No glare found

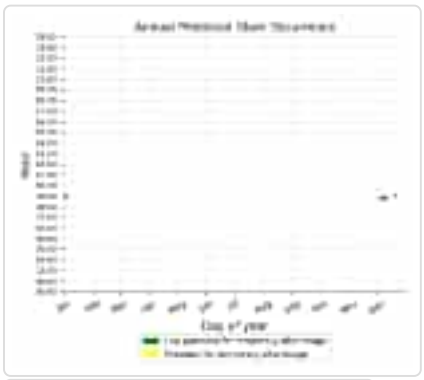
PV array 15 low potential for temporary after-image

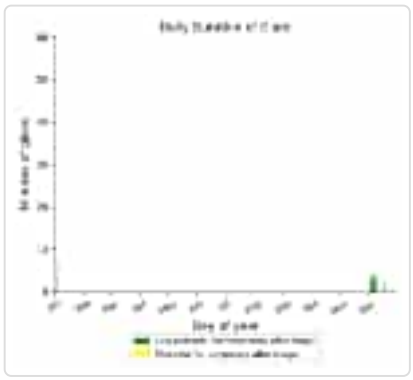
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	40	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

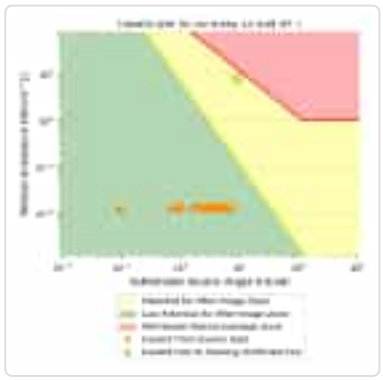
PV array 15: OP 1

PV array is expected to produce the following glare for this receptor:

- 40 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 15: OP 2

No glare found

PV array 15: OP 3

No glare found

PV array 15: OP 4

No glare found

PV array 15: OP 5

No glare found

PV array 15: OP 6

No glare found

PV array 15: OP 7

No glare found

PV array 15: OP 8

No glare found

PV array 15: OP 9

No glare found

PV array 15: OP 10

No glare found

PV array 15: OP 11

No glare found

PV array 15: OP 12

No glare found

PV array 15: OP 13

No glare found

PV array 2 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

No glare found

PV array 3 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

No glare found

PV array 4 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	18	0
OP: OP 4	67	0
OP: OP 5	94	0
OP: OP 6	140	0
OP: OP 7	212	0
OP: OP 8	197	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	106	0
OP: OP 12	525	0
OP: OP 13	593	0

PV array 4: OP 1

No glare found

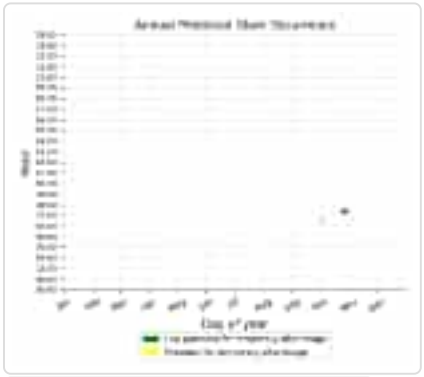
PV array 4: OP 2

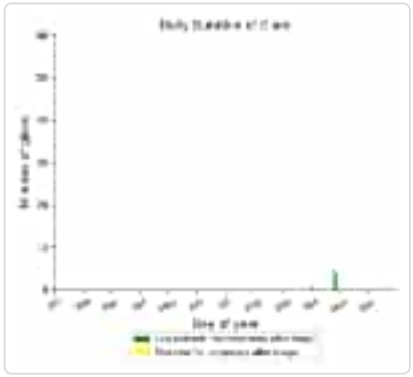
No glare found

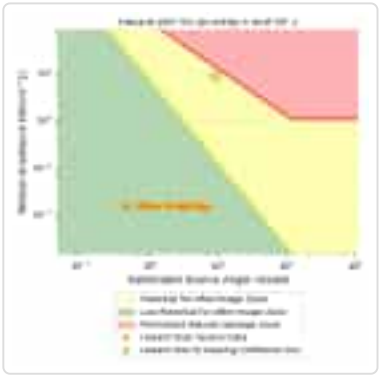
PV array 4: OP 3

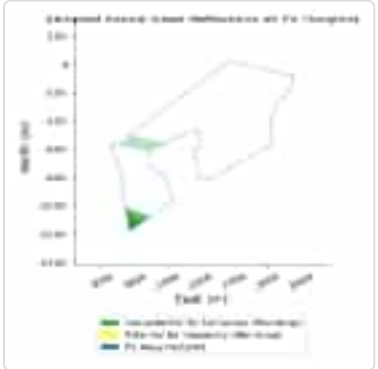
PV array is expected to produce the following glare for this receptor:

- 18 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





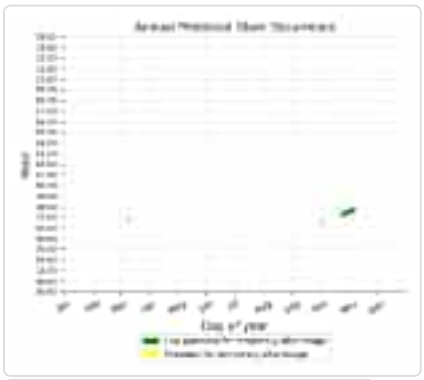


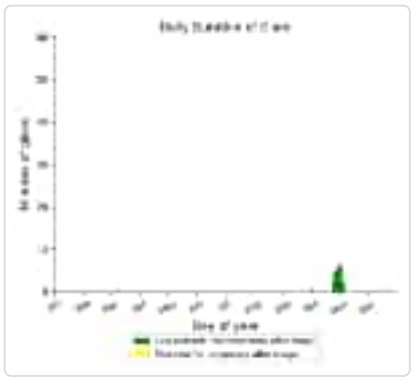


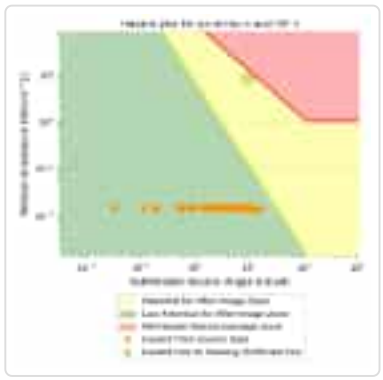
PV array 4: OP 4

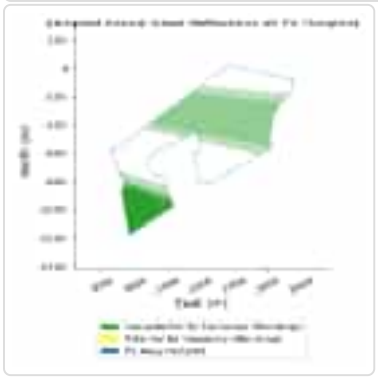
PV array is expected to produce the following glare for this receptor:

- 67 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





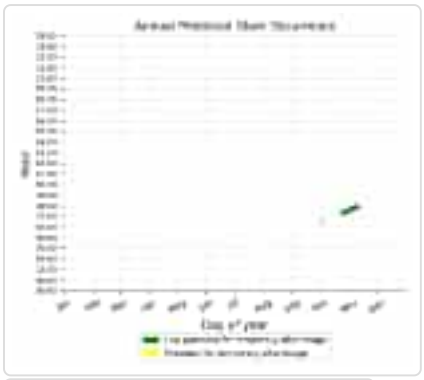


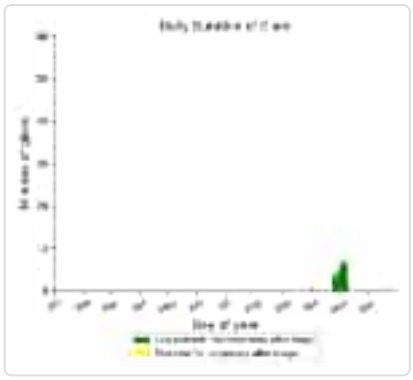


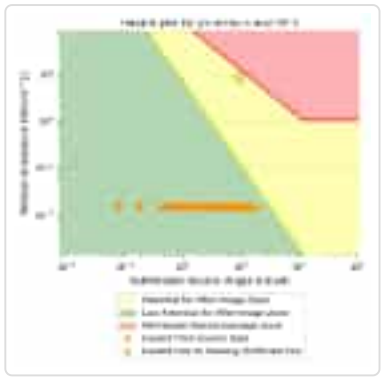
PV array 4: OP 5

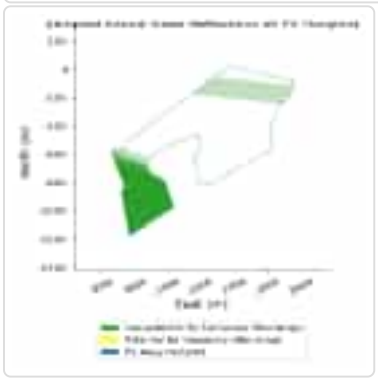
PV array is expected to produce the following glare for this receptor:

- 94 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





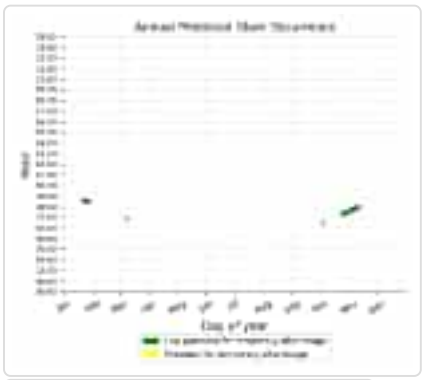


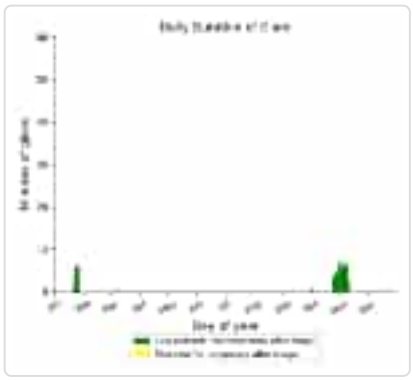


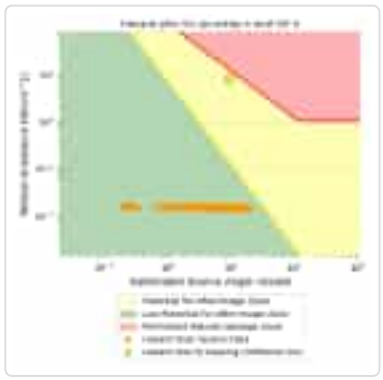
PV array 4: OP 6

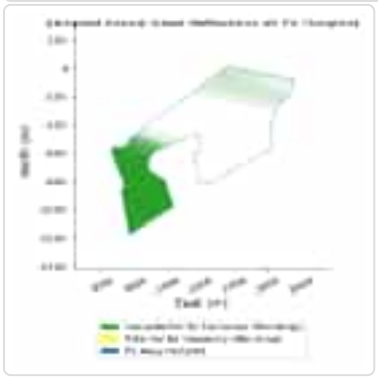
PV array is expected to produce the following glare for this receptor:

- 140 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





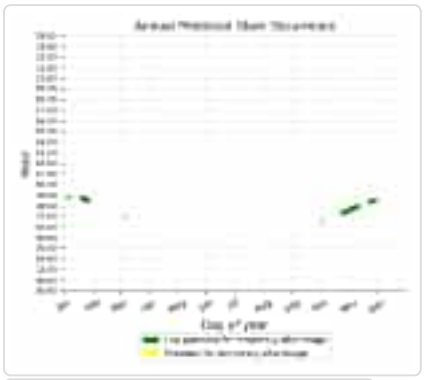


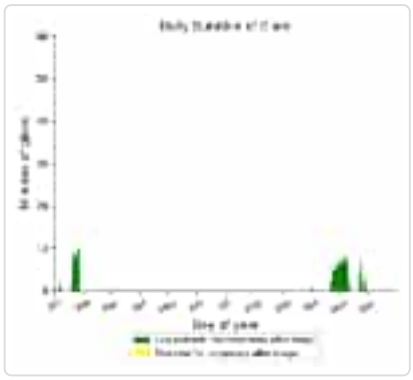


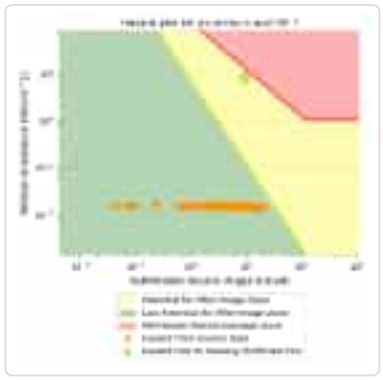
PV array 4: OP 7

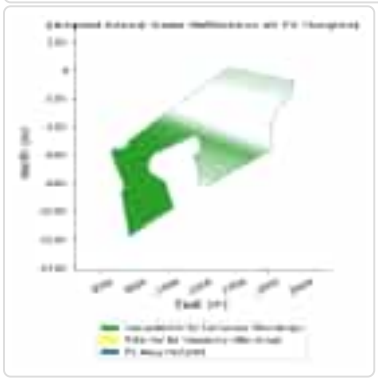
PV array is expected to produce the following glare for this receptor:

- 212 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





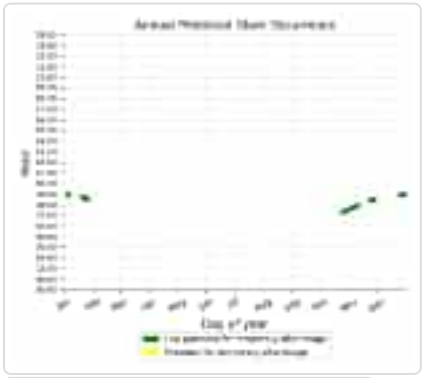


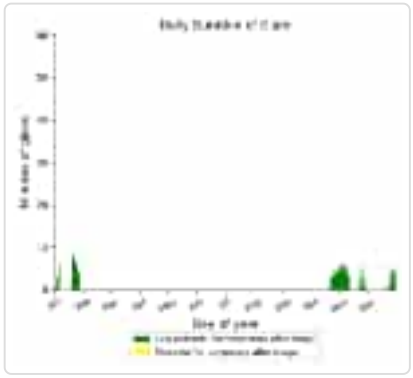


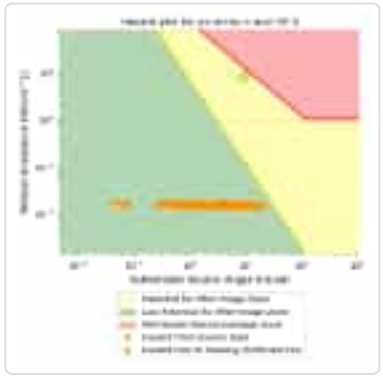
PV array 4: OP 8

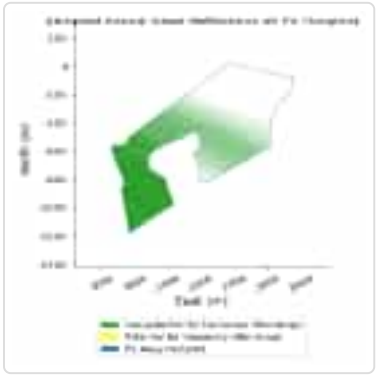
PV array is expected to produce the following glare for this receptor:

- 197 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 9

No glare found

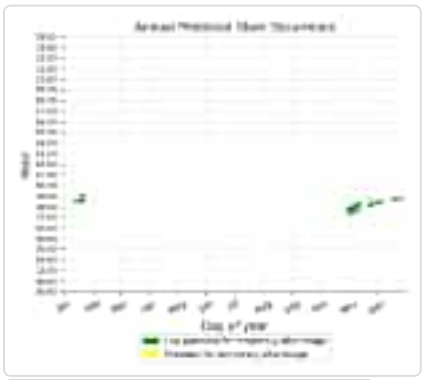
PV array 4: OP 10

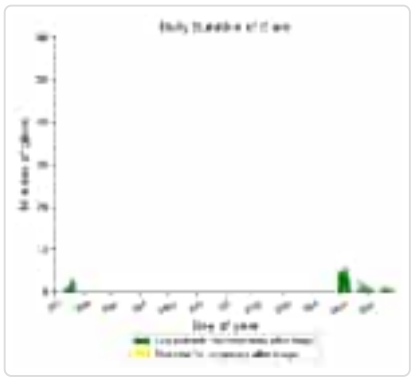
No glare found

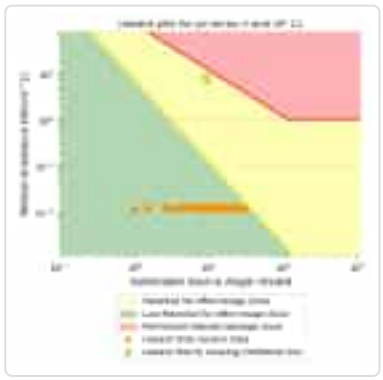
PV array 4: OP 11

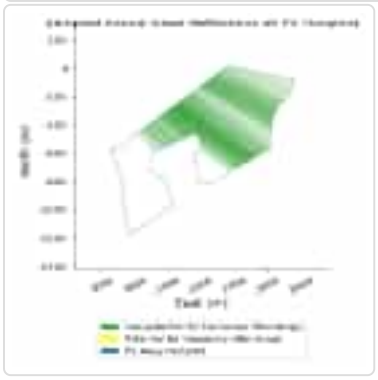
PV array is expected to produce the following glare for this receptor:

- 106 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





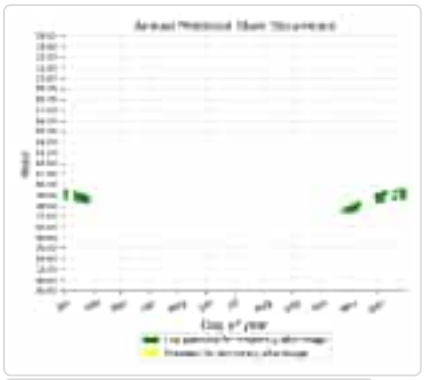


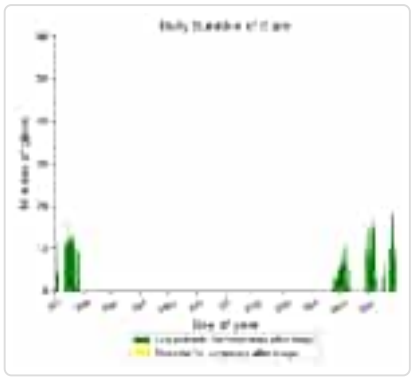


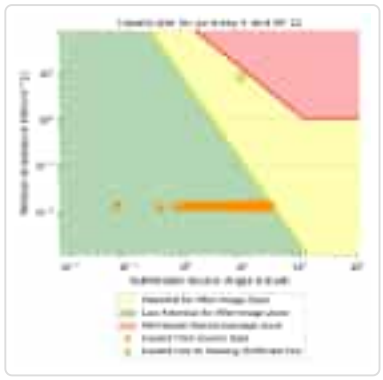
PV array 4: OP 12

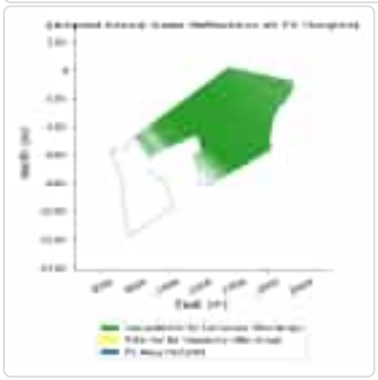
PV array is expected to produce the following glare for this receptor:

- 525 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





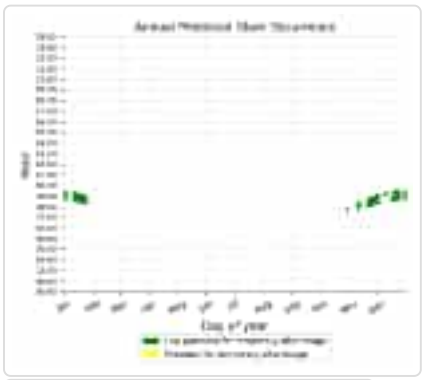


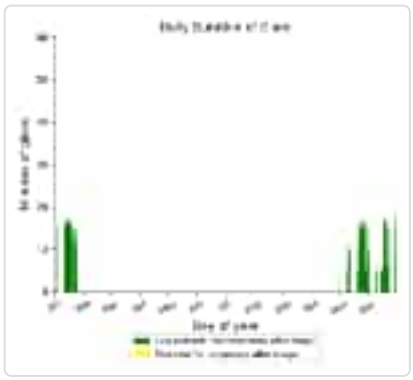


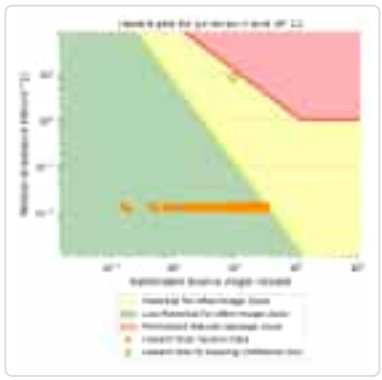
PV array 4: OP 13

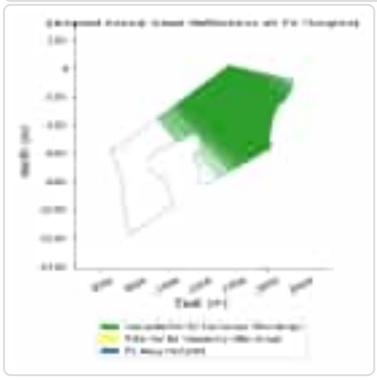
PV array is expected to produce the following glare for this receptor:

- 593 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

No glare found

PV array 6 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0

OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	33	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

PV array 6: OP 1

No glare found

PV array 6: OP 2

No glare found

PV array 6: OP 3

No glare found

PV array 6: OP 4

No glare found

PV array 6: OP 5

No glare found

PV array 6: OP 6

No glare found

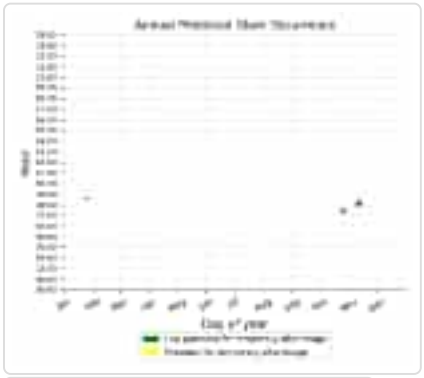
PV array 6: OP 7

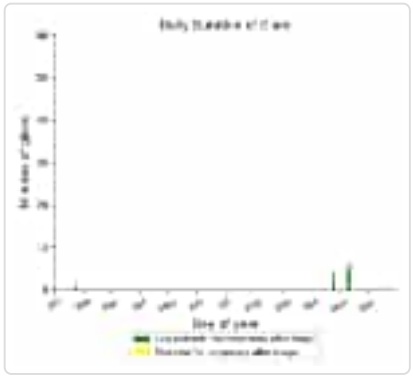
No glare found

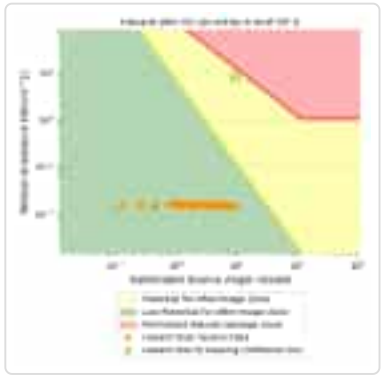
PV array 6: OP 8

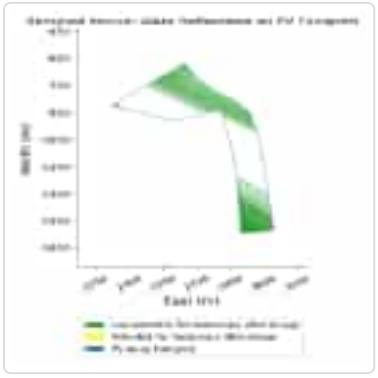
PV array is expected to produce the following glare for this receptor:

- 33 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 9

No glare found

PV array 6: OP 10

No glare found

PV array 6: OP 11

No glare found

PV array 6: OP 12

No glare found

PV array 6: OP 13

No glare found

PV array 7 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

No glare found

PV array 8 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

No glare found

PV array 9 no glare found

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Fosse Green Solar Farm

Fosse Green SF Bridleway 5 Degrees

Created Jan 11, 2024
Updated Sep 25, 2024
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 109531.18719

Project type Advanced
Project status: active
Category 10 MW to 100 MW

Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
PV array 1	5.0	180.0	271,689	138,801	-
PV array 10	5.0	180.0	9,468	5,526	-
PV array 11	5.0	180.0	110,018	122,822	-
PV array 12	5.0	180.0	12,760	0	-
PV array 13	5.0	180.0	117,687	139,991	-
PV array 14	5.0	180.0	19,589	1,569	-
PV array 15	5.0	180.0	14,491	2,077	-
PV array 2	5.0	180.0	341,463	134,074	-
PV array 3	5.0	180.0	49,377	23,116	-
PV array 4	5.0	180.0	20,703	4,650	-
PV array 5	5.0	180.0	55,914	0	-
PV array 6	5.0	180.0	12,429	84	-
PV array 7	5.0	180.0	65,815	2,068	-
PV array 8	5.0	180.0	8,897	0	-
PV array 9	5.0	180.0	8,247	0	-

Component Data

PV Array(s)

Total PV footprint area: 5,152,272 m^2

Name: PV array 1
Footprint area: 534,233 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.173327	-0.683693	15.22	3.50	18.72
2	53.171796	-0.684143	15.03	3.50	18.53
3	53.171552	-0.683478	15.19	3.50	18.69
4	53.171127	-0.682985	15.98	3.50	19.48
5	53.169712	-0.681805	15.00	3.50	18.50
6	53.168092	-0.681418	16.50	3.50	20.00
7	53.167989	-0.682362	16.00	3.50	19.50
8	53.167616	-0.682427	15.86	3.50	19.36
9	53.166844	-0.682749	16.00	3.50	19.50
10	53.166574	-0.682985	16.00	3.50	19.50
11	53.166123	-0.682920	16.00	3.50	19.50
12	53.166394	-0.680345	17.00	3.50	20.50
13	53.166741	-0.680410	16.40	3.50	19.90
14	53.166831	-0.679530	17.48	3.50	20.98
15	53.167320	-0.679659	17.17	3.50	20.67
16	53.167564	-0.677277	20.64	3.50	24.14
17	53.166522	-0.676741	20.78	3.50	24.28
18	53.164593	-0.675024	20.02	3.50	23.52
19	53.163010	-0.673672	18.14	3.50	21.64
20	53.162869	-0.672857	19.04	3.50	22.54
21	53.163088	-0.672084	19.80	3.50	23.30
22	53.163679	-0.671333	23.18	3.50	26.68
23	53.165403	-0.672857	27.63	3.50	31.13
24	53.165648	-0.671870	30.61	3.50	34.11
25	53.166458	-0.671269	32.00	3.50	35.50
26	53.166857	-0.671569	31.99	3.50	35.49
27	53.167847	-0.667406	24.66	3.50	28.16
28	53.169468	-0.666720	25.10	3.50	28.60
29	53.169031	-0.668608	27.89	3.50	31.39
30	53.169198	-0.670067	30.98	3.50	34.48
31	53.169982	-0.673629	26.94	3.50	30.44
32	53.170246	-0.673758	26.58	3.50	30.08
33	53.171294	-0.673125	28.40	3.50	31.90
34	53.171745	-0.672299	30.82	3.50	34.32
35	53.172105	-0.674048	26.50	3.50	30.00
36	53.171674	-0.675957	22.65	3.50	26.15
37	53.171507	-0.677599	22.08	3.50	25.58
38	53.171629	-0.678414	22.99	3.50	26.49
39	53.171918	-0.678833	24.21	3.50	27.71
40	53.171809	-0.679283	22.62	3.50	26.12
41	53.171449	-0.679391	20.48	3.50	23.98
42	53.170838	-0.677985	18.51	3.50	22.01
43	53.170593	-0.678028	17.96	3.50	21.46
44	53.170606	-0.678200	17.83	3.50	21.33
45	53.171372	-0.679906	19.18	3.50	22.68
46	53.171249	-0.681719	17.42	3.50	20.92
47	53.171378	-0.681955	17.27	3.50	20.77
48	53.171333	-0.682395	16.56	3.50	20.06
49	53.171597	-0.682502	16.79	3.50	20.29
50	53.173384	-0.681622	18.75	3.50	22.25

Name: PV array 10
Footprint area: 185,320 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.150798	-0.633966	8.64	3.50	12.14
2	53.150219	-0.635436	8.34	3.50	11.84
3	53.150026	-0.636744	8.28	3.50	11.78
4	53.148983	-0.636744	9.89	3.50	13.39
5	53.148803	-0.636862	10.13	3.50	13.63
6	53.148829	-0.637045	9.76	3.50	13.26
7	53.147420	-0.637957	10.19	3.50	13.69
8	53.146461	-0.637796	10.65	3.50	14.15
9	53.146126	-0.637302	11.44	3.50	14.94
10	53.145875	-0.635146	9.74	3.50	13.24
11	53.145566	-0.635264	9.14	3.50	12.64
12	53.145451	-0.635843	9.42	3.50	12.92
13	53.145142	-0.635951	9.94	3.50	13.44
14	53.144987	-0.634910	11.54	3.50	15.04
15	53.144637	-0.634278	12.00	3.50	15.50
16	53.143968	-0.633344	12.41	3.50	15.91
17	53.144200	-0.633280	11.84	3.50	15.34
18	53.144953	-0.632754	9.97	3.50	13.47
19	53.145828	-0.631949	10.31	3.50	13.81
20	53.146497	-0.631509	11.15	3.50	14.65
21	53.147668	-0.633848	12.51	3.50	16.01
22	53.148395	-0.633344	12.81	3.50	16.31
23	53.148254	-0.632947	13.08	3.50	16.58
24	53.148910	-0.632035	13.05	3.50	16.55
25	53.149148	-0.632604	13.03	3.50	16.53
26	53.149631	-0.631853	12.49	3.50	15.99

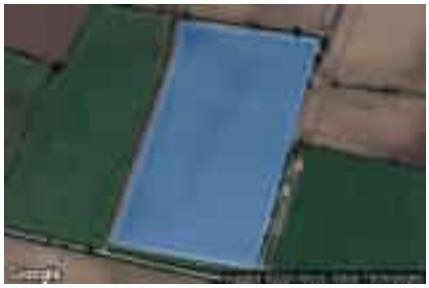
Name: PV array 11
Footprint area: 719,118 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.148506	-0.631749	13.14	3.50	16.64
2	53.147850	-0.632704	12.97	3.50	16.47
3	53.147683	-0.632715	12.37	3.50	15.87
4	53.146640	-0.630945	11.20	3.50	14.70
5	53.146396	-0.630848	12.22	3.50	15.72
6	53.145637	-0.631266	12.28	3.50	15.78
7	53.144343	-0.632565	11.04	3.50	14.54
8	53.142046	-0.627951	13.11	3.50	16.61
9	53.141524	-0.626084	12.34	3.50	15.84
10	53.138596	-0.627329	13.83	3.50	17.33
11	53.138454	-0.627232	13.48	3.50	16.98
12	53.137051	-0.628370	12.96	3.50	16.46
13	53.137154	-0.629056	13.21	3.50	16.71
14	53.135919	-0.628649	14.19	3.50	17.69
15	53.135771	-0.627640	12.78	3.50	16.28
16	53.134593	-0.628456	13.03	3.50	16.53
17	53.134464	-0.624700	12.77	3.50	16.27
18	53.134618	-0.624700	12.76	3.50	16.26
19	53.134631	-0.624990	12.76	3.50	16.26
20	53.135655	-0.624947	12.58	3.50	16.08
21	53.135758	-0.626331	11.86	3.50	15.36
22	53.136112	-0.626567	11.92	3.50	15.42
23	53.136549	-0.625162	10.74	3.50	14.24
24	53.136717	-0.625055	10.13	3.50	13.63
25	53.136652	-0.624636	10.38	3.50	13.88
26	53.137450	-0.624089	10.03	3.50	13.53
27	53.135830	-0.616790	7.11	3.50	10.61
28	53.136200	-0.615960	6.99	3.50	10.49
29	53.137240	-0.614930	7.15	3.50	10.65
30	53.137620	-0.615100	7.24	3.50	10.74
31	53.137860	-0.615550	7.38	3.50	10.88
32	53.137990	-0.614790	7.14	3.50	10.64
33	53.139105	-0.617426	7.93	3.50	11.43
34	53.139800	-0.619754	11.05	3.50	14.55
35	53.141717	-0.618682	9.38	3.50	12.88
36	53.142129	-0.620227	11.21	3.50	14.71
37	53.142007	-0.620323	10.80	3.50	14.30
38	53.142541	-0.622211	11.19	3.50	14.69
39	53.144034	-0.620784	11.76	3.50	15.26
40	53.144607	-0.623563	11.92	3.50	15.42
41	53.145591	-0.624582	12.63	3.50	16.13
42	53.145044	-0.625248	12.90	3.50	16.40
43	53.145077	-0.625666	12.28	3.50	15.78
44	53.146634	-0.628348	11.72	3.50	15.22
45	53.146808	-0.628220	12.16	3.50	15.66
46	53.148268	-0.630762	12.11	3.50	15.61
47	53.148101	-0.631030	11.92	3.50	15.42

Name: PV array 12
Footprint area: 73,115 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.136228	-0.613414	8.07	3.50	11.57
2	53.135854	-0.613478	8.46	3.50	11.96
3	53.133222	-0.614980	9.82	3.50	13.32
4	53.132887	-0.611772	10.64	3.50	14.14
5	53.135977	-0.610335	9.13	3.50	12.63

Name: PV array 13
Footprint area: 737,153 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.135585	-0.658160	11.48	3.50	14.98
2	53.136461	-0.665906	14.75	3.50	18.25
3	53.130642	-0.667945	14.56	3.50	18.06
4	53.130333	-0.666357	13.81	3.50	17.31
5	53.128440	-0.666872	14.86	3.50	18.36
6	53.128582	-0.668717	14.77	3.50	18.27
7	53.128273	-0.668782	14.57	3.50	18.07
8	53.128131	-0.667301	14.49	3.50	17.99
9	53.125730	-0.667666	13.07	3.50	16.57
10	53.125710	-0.667945	12.94	3.50	16.44
11	53.124455	-0.667505	13.19	3.50	16.69
12	53.124558	-0.666711	12.70	3.50	16.20
13	53.123380	-0.665788	11.31	3.50	14.81
14	53.123457	-0.665370	11.00	3.50	14.50
15	53.123122	-0.665220	12.04	3.50	15.54
16	53.123476	-0.663514	13.15	3.50	16.65
17	53.124365	-0.661776	13.29	3.50	16.79
18	53.124571	-0.660832	13.96	3.50	17.46
19	53.125067	-0.660220	13.10	3.50	16.60
20	53.126410	-0.656650	11.66	3.50	15.16
21	53.126650	-0.656260	11.38	3.50	14.88
22	53.126960	-0.656270	11.65	3.50	15.15
23	53.127180	-0.656070	12.25	3.50	15.75
24	53.127600	-0.659050	12.08	3.50	15.58
25	53.128790	-0.658920	13.52	3.50	17.02
26	53.129280	-0.661440	14.94	3.50	18.44
27	53.131090	-0.659840	14.90	3.50	18.40
28	53.131520	-0.659500	14.40	3.50	17.90
29	53.132320	-0.658860	12.70	3.50	16.20
30	53.133270	-0.657930	12.71	3.50	16.21
31	53.133345	-0.658664	11.01	3.50	14.51

Name: PV array 14
Footprint area: 209,712 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132660	-0.653180	10.42	3.50	13.92
2	53.132070	-0.653360	10.23	3.50	13.73
3	53.131511	-0.653075	11.28	3.50	14.78
4	53.130770	-0.652409	10.38	3.50	13.88
5	53.130352	-0.650049	9.94	3.50	13.44
6	53.130095	-0.649556	9.85	3.50	13.35
7	53.130275	-0.649255	10.71	3.50	14.21
8	53.132390	-0.648020	11.64	3.50	15.14
9	53.133030	-0.650850	12.02	3.50	15.52
10	53.133030	-0.650850	12.02	3.50	15.52
11	53.136270	-0.648960	10.09	3.50	13.59
12	53.136270	-0.648960	10.09	3.50	13.59
13	53.136080	-0.645870	9.77	3.50	13.27
14	53.136080	-0.645870	9.77	3.50	13.27
15	53.137430	-0.645210	9.73	3.50	13.23
16	53.137430	-0.645210	9.73	3.50	13.23
17	53.137750	-0.648600	9.23	3.50	12.73
18	53.137750	-0.648600	9.23	3.50	12.73
19	53.137580	-0.648830	9.22	3.50	12.72
20	53.137580	-0.648830	9.22	3.50	12.72
21	53.138060	-0.652120	9.08	3.50	12.58
22	53.138060	-0.652120	9.08	3.50	12.58
23	53.137820	-0.652230	9.58	3.50	13.08
24	53.137820	-0.652230	9.58	3.50	13.08
25	53.137750	-0.652040	9.56	3.50	13.06
26	53.137750	-0.652040	9.56	3.50	13.06
27	53.135890	-0.651840	9.88	3.50	13.38
28	53.135890	-0.651840	9.88	3.50	13.38

Name: PV array 15
Footprint area: 78,226 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132772	-0.647378	9.94	3.50	13.44
2	53.130056	-0.648847	10.80	3.50	14.30
3	53.129882	-0.649255	9.89	3.50	13.39
4	53.129303	-0.648847	10.80	3.50	14.30
5	53.128942	-0.648858	10.87	3.50	14.37
6	53.128884	-0.648418	11.51	3.50	15.01
7	53.128311	-0.648386	11.43	3.50	14.93
8	53.128105	-0.646884	11.40	3.50	14.90
9	53.130622	-0.645758	10.83	3.50	14.33
10	53.130700	-0.646122	11.65	3.50	15.15
11	53.131298	-0.645768	10.18	3.50	13.68
12	53.132410	-0.645330	9.00	3.50	12.50

Name: PV array 2
Footprint area: 575,691 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.178640	-0.666110	19.50	3.50	23.00
2	53.177870	-0.669090	19.28	3.50	22.78
3	53.176523	-0.668029	19.69	3.50	23.19
4	53.174220	-0.666891	26.06	3.50	29.56
5	53.174465	-0.660669	17.80	3.50	21.30
6	53.172497	-0.660755	16.16	3.50	19.66
7	53.172510	-0.661355	17.14	3.50	20.64
8	53.172960	-0.661484	17.29	3.50	20.79
9	53.173230	-0.666677	24.28	3.50	27.78
10	53.172175	-0.666226	20.97	3.50	24.47
11	53.171823	-0.664919	19.69	3.50	23.19
12	53.171714	-0.664865	19.72	3.50	23.22
13	53.170968	-0.662526	18.08	3.50	21.58
14	53.170357	-0.661797	17.29	3.50	20.79
15	53.174293	-0.653523	13.69	3.50	17.19
16	53.178283	-0.655459	15.69	3.50	19.19
17	53.179363	-0.655588	13.41	3.50	16.91
18	53.178051	-0.662519	19.70	3.50	23.20
19	53.177884	-0.665737	19.63	3.50	23.13

Name: PV array 3
Footprint area: 679,840 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.162240	-0.675330	17.88	3.50	21.38
2	53.159340	-0.671810	16.96	3.50	20.46
3	53.159790	-0.670480	16.50	3.50	20.00
4	53.160860	-0.668250	17.83	3.50	21.33
5	53.160420	-0.666810	17.26	3.50	20.76
6	53.159450	-0.669110	15.52	3.50	19.02
7	53.159860	-0.669750	15.96	3.50	19.46
8	53.159140	-0.671710	16.90	3.50	20.40
9	53.158240	-0.670650	16.68	3.50	20.18
10	53.158390	-0.670070	16.02	3.50	19.52
11	53.157840	-0.668790	15.77	3.50	19.27
12	53.159770	-0.664130	19.42	3.50	22.92
13	53.159920	-0.664410	18.34	3.50	21.84
14	53.160980	-0.661830	24.57	3.50	28.07
15	53.161160	-0.662010	24.26	3.50	27.76
16	53.161290	-0.661640	25.79	3.50	29.29
17	53.161160	-0.661450	26.00	3.50	29.50
18	53.162190	-0.659350	26.37	3.50	29.87
19	53.162080	-0.658850	26.32	3.50	29.82
20	53.162650	-0.657690	27.46	3.50	30.96
21	53.165690	-0.658340	22.77	3.50	26.27
22	53.165920	-0.658980	21.27	3.50	24.77
23	53.166210	-0.659430	20.99	3.50	24.49
24	53.165960	-0.661020	21.23	3.50	24.73
25	53.167980	-0.662370	18.26	3.50	21.76
26	53.167650	-0.663320	18.23	3.50	21.73
27	53.167500	-0.667240	23.91	3.50	27.41
28	53.164620	-0.668620	26.56	3.50	30.06
29	53.164820	-0.669520	27.49	3.50	30.99
30	53.163160	-0.671190	20.73	3.50	24.23
31	53.162730	-0.672050	18.84	3.50	22.34
32	53.162570	-0.673160	18.39	3.50	21.89
33	53.162750	-0.673700	17.85	3.50	21.35
34	53.162650	-0.674340	17.02	3.50	20.52

Name: PV array 4
Footprint area: 539,010 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.172585	-0.642585	14.81	3.50	18.31
2	53.173512	-0.648335	13.73	3.50	17.23
3	53.168740	-0.657433	17.19	3.50	20.69
4	53.168530	-0.657412	16.94	3.50	20.44
5	53.168310	-0.657830	18.09	3.50	21.59
6	53.168300	-0.658730	18.04	3.50	21.54
7	53.168070	-0.658890	17.95	3.50	21.45
8	53.165850	-0.657637	21.97	3.50	25.47
9	53.165850	-0.657637	21.97	3.50	25.47
10	53.165650	-0.657980	23.24	3.50	26.74
11	53.165650	-0.657980	23.24	3.50	26.74
12	53.162740	-0.657270	27.18	3.50	30.68
13	53.162740	-0.657270	27.18	3.50	30.68
14	53.164580	-0.653290	23.23	3.50	26.73
15	53.164580	-0.653290	23.23	3.50	26.73
16	53.166200	-0.654060	18.29	3.50	21.79
17	53.166200	-0.654060	18.29	3.50	21.79
18	53.166850	-0.655520	18.20	3.50	21.70
19	53.166850	-0.655520	18.20	3.50	21.70
20	53.167520	-0.655510	17.58	3.50	21.08
21	53.167980	-0.655110	18.44	3.50	21.94
22	53.169113	-0.651554	16.06	3.50	19.56
23	53.169113	-0.651060	15.41	3.50	18.91
24	53.168032	-0.650867	15.63	3.50	19.13
25	53.167955	-0.651597	16.07	3.50	19.57
26	53.167337	-0.651232	15.83	3.50	19.33
27	53.166077	-0.651103	19.26	3.50	22.76
28	53.166115	-0.650481	18.68	3.50	22.18
29	53.165961	-0.650181	19.78	3.50	23.28
30	53.168251	-0.644537	17.16	3.50	20.66
31	53.168920	-0.644687	16.30	3.50	19.80
32	53.170129	-0.644408	16.57	3.50	20.07
33	53.171132	-0.643754	15.25	3.50	18.75
34	53.171151	-0.643400	15.23	3.50	18.73
35	53.172000	-0.642681	14.97	3.50	18.47

Name: PV array 5
Footprint area: 85,119 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.175987	-0.638261	17.17	3.50	20.67
2	53.175962	-0.637317	17.32	3.50	20.82
3	53.175704	-0.636180	15.99	3.50	19.49
4	53.172039	-0.635257	10.34	3.50	13.84
5	53.170855	-0.638197	11.33	3.50	14.83
6	53.174251	-0.638304	12.30	3.50	15.80

Name: PV array 6
Footprint area: 178,317 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.167678	-0.644140	17.52	3.50	21.02
2	53.165556	-0.649011	19.39	3.50	22.89
3	53.164810	-0.644784	20.41	3.50	23.91
4	53.165350	-0.641716	16.27	3.50	19.77
5	53.163562	-0.640986	20.48	3.50	23.98
6	53.161902	-0.640643	22.38	3.50	25.88
7	53.159226	-0.640385	15.78	3.50	19.28
8	53.159329	-0.638197	13.14	3.50	16.64
9	53.162726	-0.638883	20.72	3.50	24.22
10	53.164115	-0.639205	17.21	3.50	20.71
11	53.165183	-0.639763	14.44	3.50	17.94
12	53.165800	-0.640707	14.81	3.50	18.31
13	53.166366	-0.642209	16.10	3.50	19.60
14	53.166971	-0.643282	16.63	3.50	20.13

Name: PV array 7
Footprint area: 492,432 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.164655	-0.651071	23.57	3.50	27.07
2	53.164218	-0.652101	24.34	3.50	27.84
3	53.163588	-0.652015	24.43	3.50	27.93
4	53.163575	-0.652466	24.10	3.50	27.60
5	53.163883	-0.652809	24.86	3.50	28.36
6	53.162790	-0.655406	26.04	3.50	29.54
7	53.162404	-0.655148	26.50	3.50	30.00
8	53.162082	-0.655835	27.39	3.50	30.89
9	53.162263	-0.656543	27.11	3.50	30.61
10	53.161516	-0.658324	26.25	3.50	29.75
11	53.158776	-0.654054	22.55	3.50	26.05
12	53.156879	-0.652104	18.45	3.50	21.95
13	53.156840	-0.650806	17.85	3.50	21.35
14	53.156634	-0.650474	16.75	3.50	20.25
15	53.155412	-0.650935	12.99	3.50	16.49
16	53.155245	-0.650441	12.47	3.50	15.97
17	53.154428	-0.650484	11.62	3.50	15.12
18	53.152317	-0.650581	10.82	3.50	14.32
19	53.151545	-0.650656	11.68	3.50	15.18
20	53.151481	-0.651761	11.49	3.50	14.99
21	53.151159	-0.651729	12.56	3.50	16.06
22	53.151178	-0.650924	12.32	3.50	15.82
23	53.150863	-0.650624	12.97	3.50	16.47
24	53.149042	-0.650581	13.39	3.50	16.89
25	53.149113	-0.652083	14.82	3.50	18.32
26	53.147459	-0.652115	10.92	3.50	14.42
27	53.147762	-0.654604	14.65	3.50	18.15
28	53.146730	-0.654770	11.29	3.50	14.79
29	53.146710	-0.654450	10.79	3.50	14.29
30	53.146660	-0.653930	9.99	3.50	13.49
31	53.146560	-0.653210	9.32	3.50	12.82
32	53.146500	-0.652650	9.65	3.50	13.15
33	53.146620	-0.652540	9.69	3.50	13.19
34	53.146670	-0.652330	9.64	3.50	13.14
35	53.146500	-0.650990	8.94	3.50	12.44
36	53.146830	-0.651060	9.07	3.50	12.57
37	53.147220	-0.650840	9.43	3.50	12.93
38	53.147530	-0.650195	9.95	3.50	13.45
39	53.148058	-0.647824	10.34	3.50	13.84
40	53.149293	-0.647502	11.75	3.50	15.25
41	53.149364	-0.647008	11.40	3.50	14.90
42	53.149004	-0.645163	9.84	3.50	13.34
43	53.149068	-0.644702	10.07	3.50	13.57
44	53.149589	-0.644659	10.09	3.50	13.59
45	53.150246	-0.645152	10.47	3.50	13.97
46	53.150709	-0.646118	10.77	3.50	14.27
47	53.150861	-0.646854	11.55	3.50	15.05
48	53.152186	-0.646683	10.55	3.50	14.05
49	53.152302	-0.648378	10.85	3.50	14.35
50	53.152559	-0.648356	11.03	3.50	14.53
51	53.152650	-0.647820	11.33	3.50	14.83
52	53.152843	-0.647562	10.51	3.50	14.01
53	53.152984	-0.648185	10.54	3.50	14.04
54	53.153396	-0.648850	10.72	3.50	14.22
55	53.153821	-0.649000	11.70	3.50	15.20
56	53.153821	-0.647176	11.57	3.50	15.07
57	53.157030	-0.647114	18.62	3.50	22.12
58	53.157911	-0.650923	21.21	3.50	24.71
59	53.159526	-0.650773	24.30	3.50	27.80
60	53.159841	-0.651545	25.93	3.50	29.43
61	53.160478	-0.652318	28.32	3.50	31.82
62	53.160542	-0.654142	27.00	3.50	30.50
63	53.161668	-0.654152	28.25	3.50	31.75
64	53.162003	-0.653691	27.32	3.50	30.82

65	53.161359	-0.652489	27.84	3.50	31.34
66	53.161314	-0.650848	28.23	3.50	31.73

Name: PV array 8
Footprint area: 15,661 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.149067	-0.644094	9.24	3.50	12.74
2	53.149505	-0.644029	9.82	3.50	13.32
3	53.149878	-0.644094	9.57	3.50	13.07
4	53.150888	-0.643353	9.27	3.50	12.77
5	53.150521	-0.642002	8.25	3.50	11.75
6	53.149871	-0.642806	8.50	3.50	12.00
7	53.149472	-0.642796	8.80	3.50	12.30
8	53.149215	-0.643192	8.74	3.50	12.24
9	53.149022	-0.644072	9.17	3.50	12.67

Name: PV array 9
Footprint area: 49,327 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.144980	-0.656700	12.95	3.50	16.45
2	53.143230	-0.656440	10.07	3.50	13.57
3	53.143170	-0.652900	8.94	3.50	12.44
4	53.143890	-0.652530	9.13	3.50	12.63
5	53.144200	-0.652530	9.20	3.50	12.70
6	53.144680	-0.653130	9.45	3.50	12.95
7	53.144910	-0.653050	9.39	3.50	12.89

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	53.174691	-0.681164	19.47	2.50	21.97
OP 2	53.173263	-0.681067	20.53	2.50	23.03
OP 3	53.171263	-0.681807	17.30	2.50	19.80
OP 4	53.169572	-0.680593	15.20	2.50	17.70
OP 5	53.167950	-0.679636	16.67	2.50	19.17
OP 6	53.166156	-0.679041	18.00	2.50	20.50
OP 7	53.180590	-0.666757	17.96	2.50	20.46
OP 8	53.178879	-0.666059	19.12	2.50	21.62
OP 9	53.178114	-0.664160	19.78	2.50	22.28
OP 10	53.178468	-0.661360	17.80	2.50	20.30
OP 11	53.178995	-0.658581	15.45	2.50	17.95
OP 12	53.179387	-0.652895	16.42	2.50	18.92
OP 13	53.179220	-0.649880	24.75	2.50	27.25
OP 14	53.177426	-0.662250	20.91	2.50	23.41
OP 15	53.175857	-0.661145	20.11	2.50	22.61
OP 16	53.174121	-0.660963	17.93	2.50	20.43
OP 17	53.178841	-0.646125	26.74	2.50	29.24
OP 18	53.177368	-0.647262	21.28	2.50	23.78
OP 19	53.176172	-0.649301	15.57	2.50	18.07
OP 20	53.176500	-0.645621	19.88	2.50	22.38
OP 21	53.175773	-0.643314	17.20	2.50	19.70
OP 22	53.161103	-0.683225	17.01	2.50	19.51
OP 23	53.161952	-0.680704	16.00	2.50	18.50
OP 24	53.162846	-1.000000	59.95	2.50	62.45
OP 25	53.162222	-0.675672	17.91	2.50	20.41
OP 26	53.162718	-0.672904	18.82	2.50	21.32
OP 27	53.163792	-0.670791	24.02	2.50	26.52
OP 28	53.165091	-0.670179	29.61	2.50	32.11
OP 29	53.166255	-0.671198	31.95	2.50	34.45
OP 30	53.167870	-0.670801	30.91	2.50	33.41
OP 31	53.169214	-0.669224	31.87	2.50	34.37
OP 32	53.169632	-0.666585	27.20	2.50	29.70
OP 33	53.169600	-0.664364	20.35	2.50	22.85
OP 34	53.168577	-0.662615	17.82	2.50	20.32
OP 35	53.166873	-0.661489	19.46	2.50	21.96
OP 36	53.166255	-0.659364	21.24	2.50	23.74
OP 37	53.165149	-0.658013	24.27	2.50	26.77
OP 38	53.163367	-0.657626	26.64	2.50	29.14
OP 39	53.157407	-0.657637	23.83	2.50	26.33
OP 40	53.155914	-0.656768	16.99	2.50	19.49
OP 41	53.151147	-0.664246	15.67	2.50	18.17
OP 42	53.151037	-0.661747	15.77	2.50	18.27
OP 43	53.151922	-0.662455	18.27	2.50	20.77
OP 44	53.152054	-0.659671	18.29	2.50	20.79
OP 45	53.153431	-0.639377	9.33	2.50	11.83
OP 46	53.152762	-0.636630	7.88	2.50	10.38
OP 47	53.153379	-0.634077	6.94	2.50	9.44
OP 48	53.150330	-0.632704	11.92	2.50	14.42
OP 49	53.151565	-0.635150	8.37	2.50	10.87
OP 50	53.152839	-0.635450	7.78	2.50	10.28
OP 51	53.153309	-0.632521	7.82	2.50	10.32
OP 52	53.153708	-0.629732	7.40	2.50	9.90
OP 53	53.146231	-0.618627	14.15	2.50	16.65
OP 54	53.144551	-0.619196	12.88	2.50	15.38
OP 55	53.144365	-0.621524	11.43	2.50	13.93
OP 56	53.144088	-0.623831	13.41	2.50	15.91
OP 57	53.142692	-0.625258	12.97	2.50	15.47
OP 58	53.141276	-0.626663	12.92	2.50	15.42
OP 59	53.139667	-0.627168	13.80	2.50	16.30
OP 60	53.138341	-0.628552	13.67	2.50	16.17
OP 61	53.141329	-0.628208	12.56	2.50	15.06
OP 62	53.142520	-0.631416	12.90	2.50	15.40
OP 63	53.136393	-0.638808	13.77	2.50	16.27

OP 64	53.135382	-0.640213	11.97	2.50	14.47
OP 65	53.128842	-0.656875	14.25	2.50	16.75
OP 66	53.129608	-0.659836	15.32	2.50	17.82
OP 67	53.130426	-0.661617	14.56	2.50	17.06
OP 68	53.130831	-0.664203	13.38	2.50	15.88
OP 69	53.131198	-0.667196	14.41	2.50	16.91
OP 70	53.128366	-0.649515	10.80	2.50	13.30
OP 71	53.127947	-0.646554	10.36	2.50	12.86
OP 72	53.127481	-0.643941	13.05	2.50	15.55
OP 73	53.128986	-0.633620	14.00	2.50	16.50
OP 74	53.128745	-0.630760	14.22	2.50	16.72
OP 75	53.128935	-0.628185	13.76	2.50	16.26
OP 76	53.126907	-0.612216	11.49	2.50	13.99
OP 77	53.125265	-0.613042	11.55	2.50	14.05
OP 78	53.120527	-0.650704	15.76	2.50	18.26
OP 79	53.119355	-0.648741	16.48	2.50	18.98

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
PV array 1	5.0	180.0	271,689	138,801	-	-
PV array 10	5.0	180.0	9,468	5,526	-	-
PV array 11	5.0	180.0	110,018	122,822	-	-
PV array 12	5.0	180.0	12,760	0	-	-
PV array 13	5.0	180.0	117,687	139,991	-	-
PV array 14	5.0	180.0	19,589	1,569	-	-
PV array 15	5.0	180.0	14,491	2,077	-	-
PV array 2	5.0	180.0	341,463	134,074	-	-
PV array 3	5.0	180.0	49,377	23,116	-	-
PV array 4	5.0	180.0	20,703	4,650	-	-
PV array 5	5.0	180.0	55,914	0	-	-
PV array 6	5.0	180.0	12,429	84	-	-
PV array 7	5.0	180.0	65,815	2,068	-	-
PV array 8	5.0	180.0	8,897	0	-	-
PV array 9	5.0	180.0	8,247	0	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
pv-array-1 (green)	11434	13490	17837	16502	15387	14992	15402	15966	18022	15365	11764	10269
pv-array-1 (yellow)	1630	1896	2452	3017	3706	3600	3740	3384	2491	2133	1668	1489
pv-array-10 (green)	561	389	388	384	748	1683	1108	444	370	395	524	514
pv-array-10 (yellow)	51	443	793	828	642	13	393	834	812	589	127	0
pv-array-11 (green)	7483	4729	4664	4534	5161	5262	5286	4803	4500	4836	6579	7651
pv-array-11 (yellow)	4791	3675	3497	3640	3797	3795	3817	3780	3375	3829	4282	5741
pv-array-12 (green)	0	0	142	592	645	666	665	622	309	0	0	0
pv-array-12 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-13 (green)	9376	6095	5737	5718	6105	5921	6126	5955	5608	6053	8766	8383
pv-array-13 (yellow)	4000	3461	3572	3209	3332	3316	3361	3302	3340	3706	3742	4309
pv-array-14 (green)	0	0	411	1190	1173	1248	1209	1212	741	0	0	0
pv-array-14 (yellow)	0	0	1	3	45	28	43	14	3	0	0	0
pv-array-15 (green)	0	0	410	1315	1483	1216	1352	1524	710	0	0	0
pv-array-15 (yellow)	0	0	0	3	321	862	573	24	0	0	0	0
pv-array-2 (green)	9391	12533	16810	13663	13799	12644	13476	14112	15653	14662	10070	7606
pv-array-2 (yellow)	4847	3681	3179	2619	2269	2111	2279	2429	3033	3701	4380	5544
pv-array-3 (green)	644	732	936	767	1064	1157	1131	860	781	942	597	687
pv-array-3 (yellow)	255	257	381	833	341	592	322	780	496	370	203	150
pv-array-4 (green)	0	0	259	673	559	636	591	674	433	0	0	0
pv-array-4 (yellow)	0	0	7	22	194	366	248	64	23	0	0	0
pv-array-5 (green)	0	0	198	791	1069	1117	1113	902	389	0	0	0
pv-array-5 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-6 (green)	0	0	269	622	857	737	870	690	433	0	0	0
pv-array-6 (yellow)	0	0	0	5	40	0	6	33	0	0	0	0
pv-array-7 (green)	0	0	656	1414	1506	1631	1588	1464	1008	43	0	0
pv-array-7 (yellow)	0	0	1	28	128	145	144	68	3	0	0	0
pv-array-8 (green)	0	0	199	631	753	771	769	696	358	0	0	0
pv-array-8 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-9 (green)	0	0	166	633	565	578	515	672	335	0	0	0
pv-array-9 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

PV array 1 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	2661	2246
OP: OP 3	2954	30847
OP: OP 4	1341	1485
OP: OP 5	1960	14758
OP: OP 6	2696	5996
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	3215	0
OP: OP 23	3430	0
OP: OP 24	459	0
OP: OP 25	1462	963
OP: OP 26	1461	0
OP: OP 27	2341	4086
OP: OP 28	2575	5132
OP: OP 29	23638	20830
OP: OP 30	174919	41665
OP: OP 31	12517	9280
OP: OP 32	2070	0
OP: OP 33	928	0
OP: OP 34	1439	0
OP: OP 35	1865	328
OP: OP 36	1948	253
OP: OP 37	1769	342
OP: OP 38	1631	590
OP: OP 39	1125	0
OP: OP 40	853	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	1640	0
OP: OP 46	1649	0
OP: OP 47	1773	0
OP: OP 48	1462	0
OP: OP 49	1564	0
OP: OP 50	1691	0
OP: OP 51	1797	0
OP: OP 52	1873	0
OP: OP 53	1522	0
OP: OP 54	1362	0
OP: OP 55	1267	0
OP: OP 56	1056	0
OP: OP 57	900	0
OP: OP 58	444	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	237	0
OP: OP 62	195	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0

OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

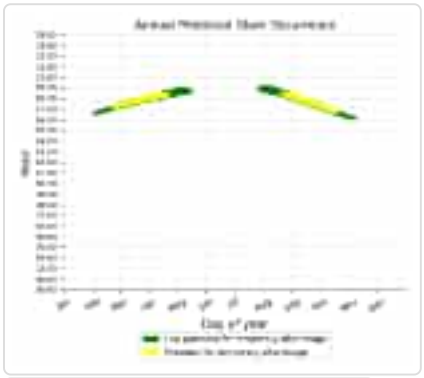
PV array 1: OP 1

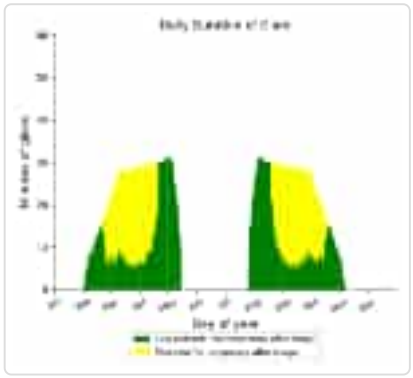
No glare found

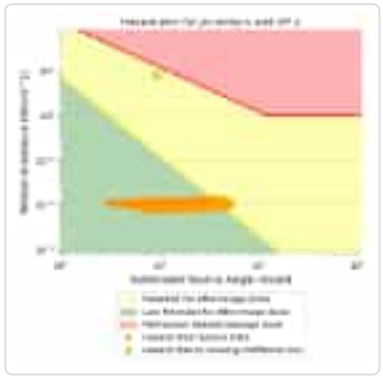
PV array 1: OP 2

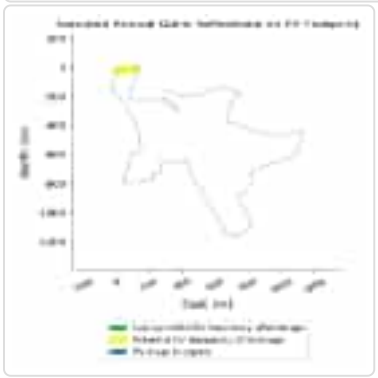
PV array is expected to produce the following glare for this receptor:

- 2,661 minutes of "green" glare with low potential to cause temporary after-image.
- 2,246 minutes of "yellow" glare with potential to cause temporary after-image.





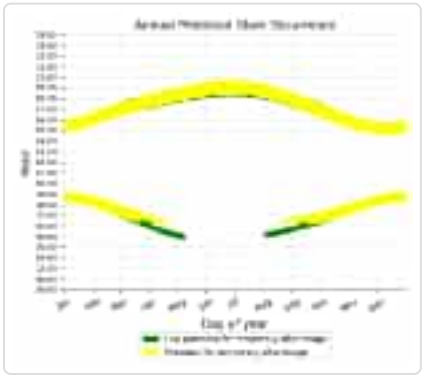


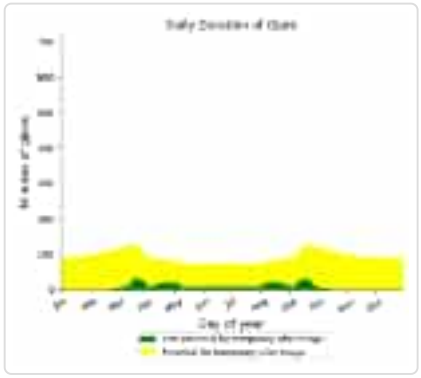


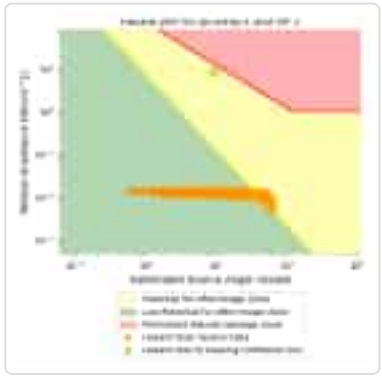
PV array 1: OP 3

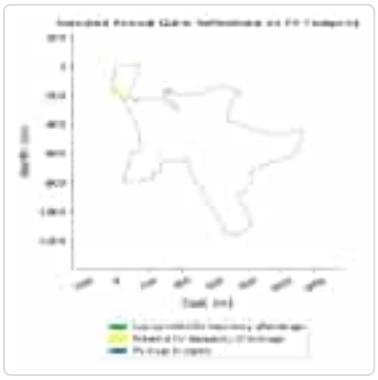
PV array is expected to produce the following glare for this receptor:

- 2,954 minutes of "green" glare with low potential to cause temporary after-image.
- 30,847 minutes of "yellow" glare with potential to cause temporary after-image.





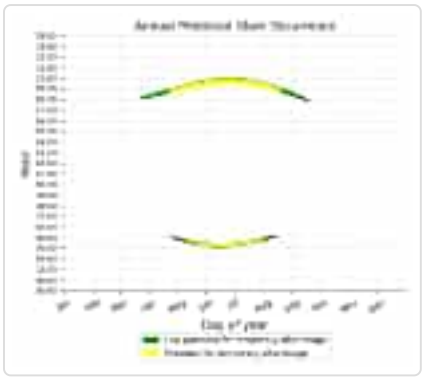


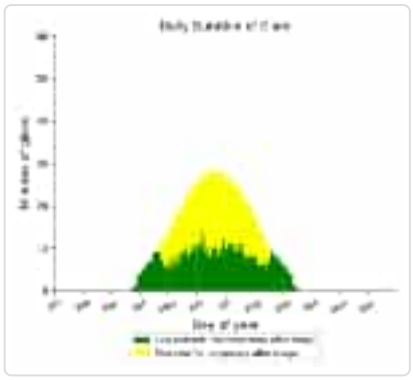


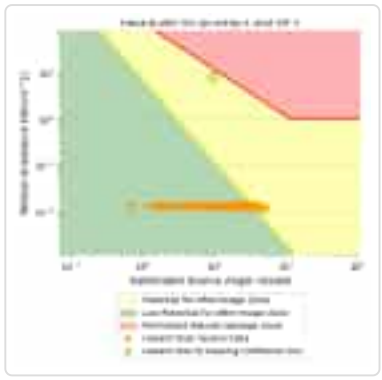
PV array 1: OP 4

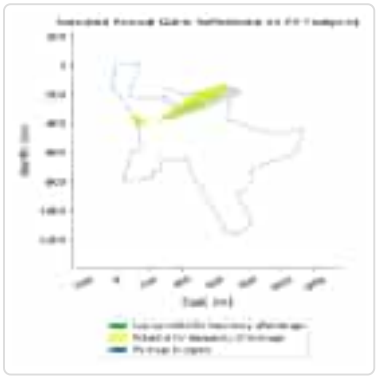
PV array is expected to produce the following glare for this receptor:

- 1,341 minutes of "green" glare with low potential to cause temporary after-image.
- 1,485 minutes of "yellow" glare with potential to cause temporary after-image.





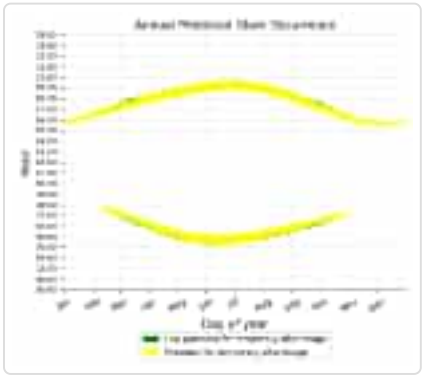


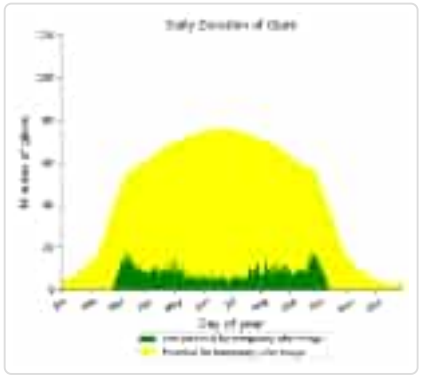


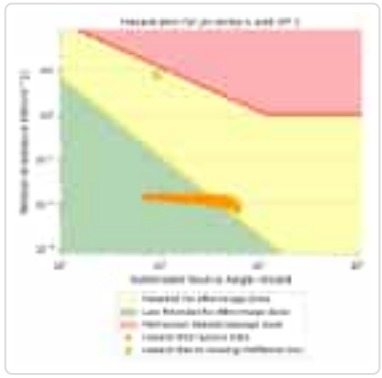
PV array 1: OP 5

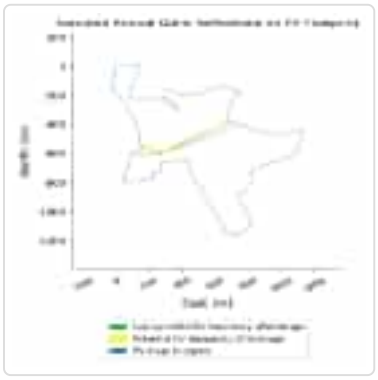
PV array is expected to produce the following glare for this receptor:

- 1,960 minutes of "green" glare with low potential to cause temporary after-image.
- 14,758 minutes of "yellow" glare with potential to cause temporary after-image.





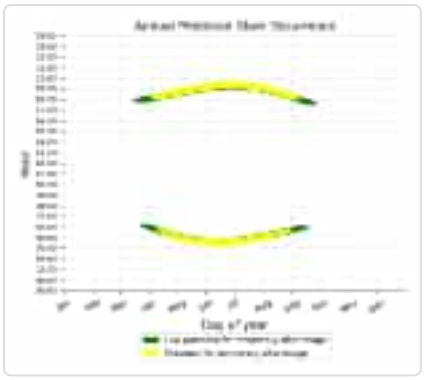


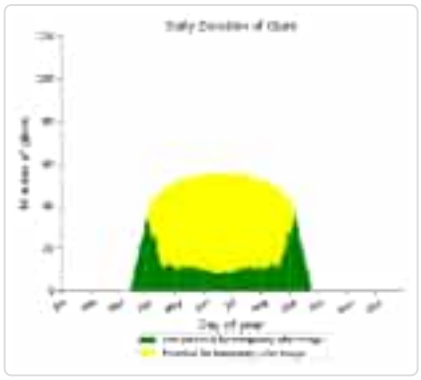


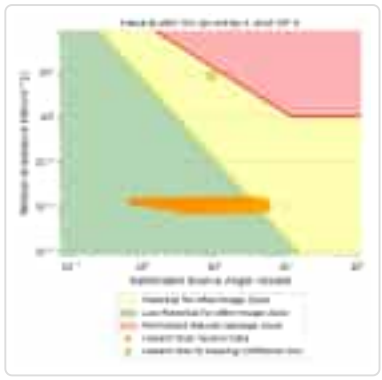
PV array 1: OP 6

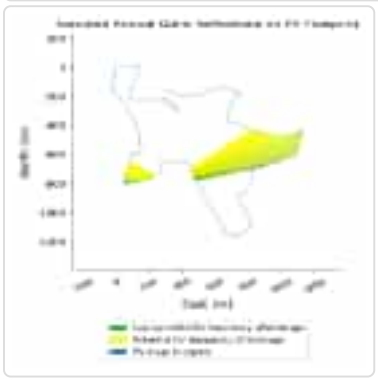
PV array is expected to produce the following glare for this receptor:

- 2,696 minutes of "green" glare with low potential to cause temporary after-image.
- 5,996 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 7

No glare found

PV array 1: OP 8

No glare found

PV array 1: OP 9

No glare found

PV array 1: OP 10

No glare found

PV array 1: OP 11

No glare found

PV array 1: OP 12

No glare found

PV array 1: OP 13

No glare found

PV array 1: OP 14

No glare found

PV array 1: OP 15

No glare found

PV array 1: OP 16

No glare found

PV array 1: OP 17

No glare found

PV array 1: OP 18

No glare found

PV array 1: OP 19

No glare found

PV array 1: OP 20

No glare found

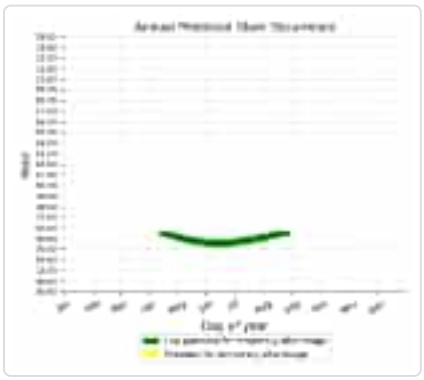
PV array 1: OP 21

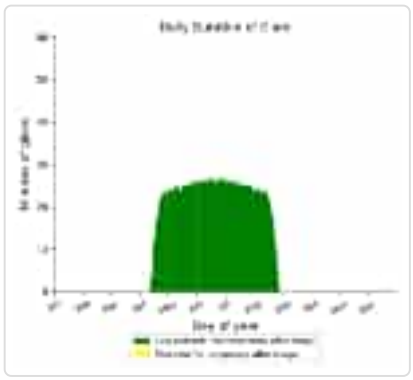
No glare found

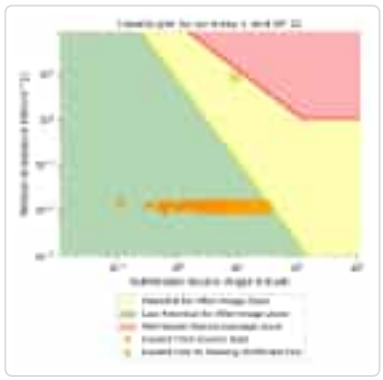
PV array 1: OP 22

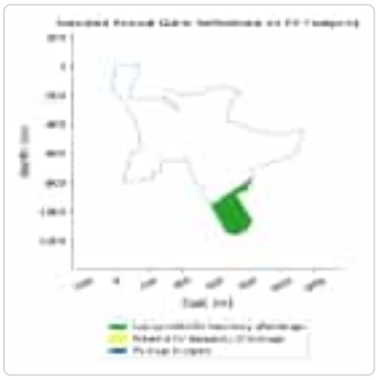
PV array is expected to produce the following glare for this receptor:

- 3,215 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





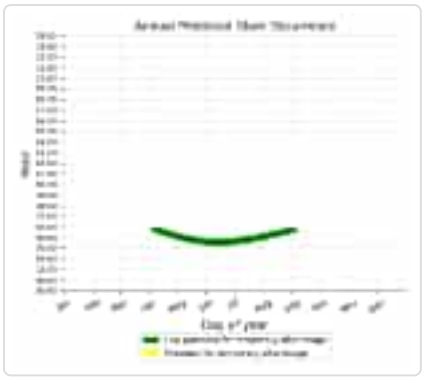


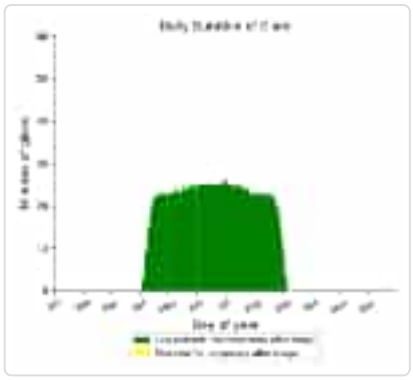


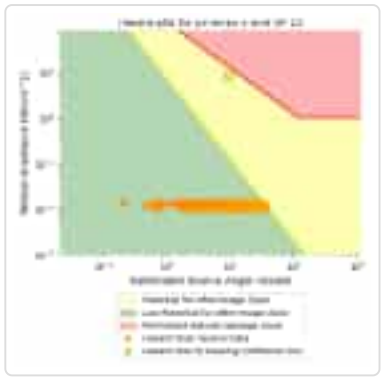
PV array 1: OP 23

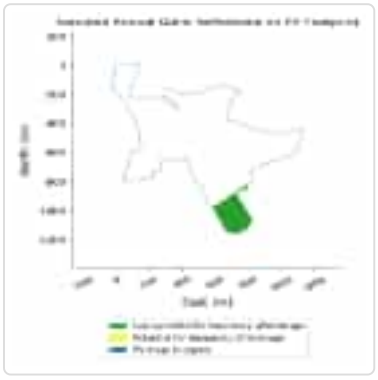
PV array is expected to produce the following glare for this receptor:

- 3,430 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





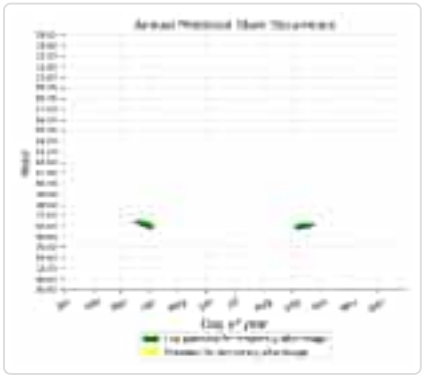


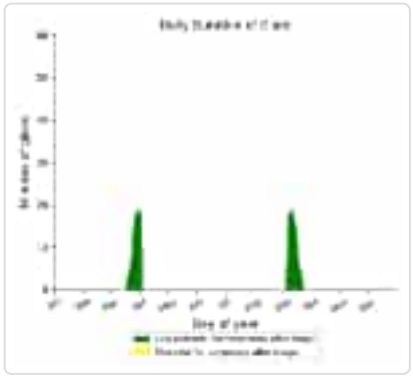


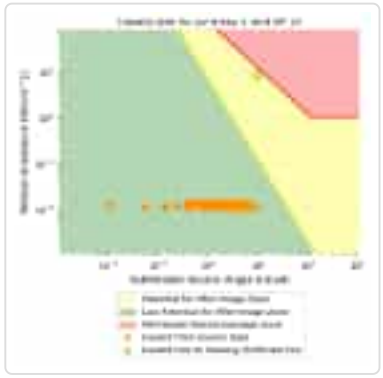
PV array 1: OP 24

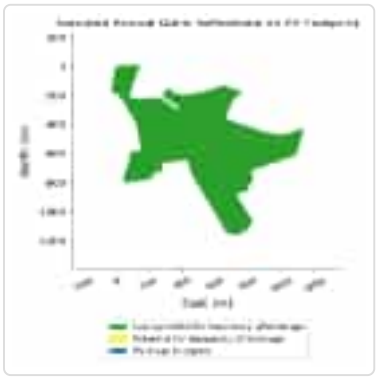
PV array is expected to produce the following glare for this receptor:

- 459 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





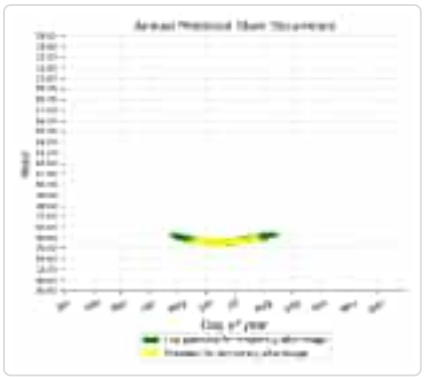


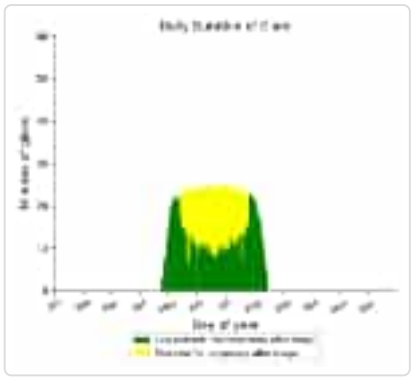


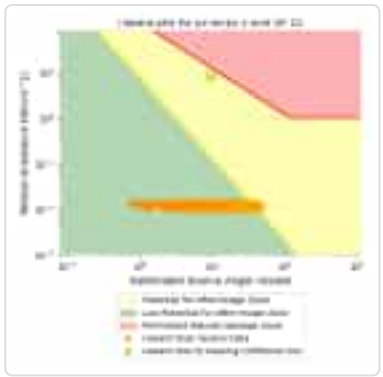
PV array 1: OP 25

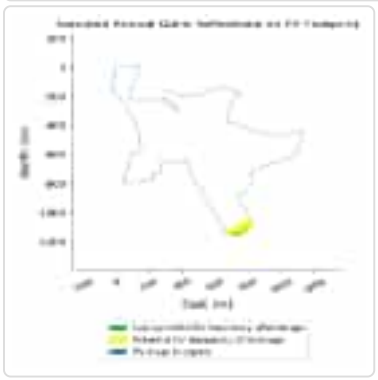
PV array is expected to produce the following glare for this receptor:

- 1,462 minutes of "green" glare with low potential to cause temporary after-image.
- 963 minutes of "yellow" glare with potential to cause temporary after-image.





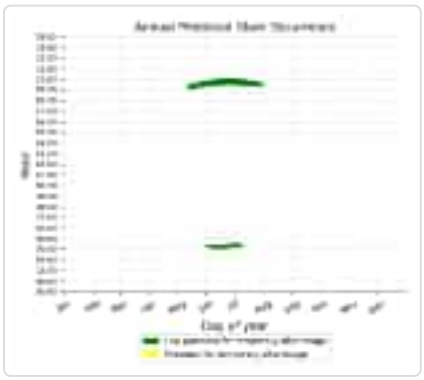


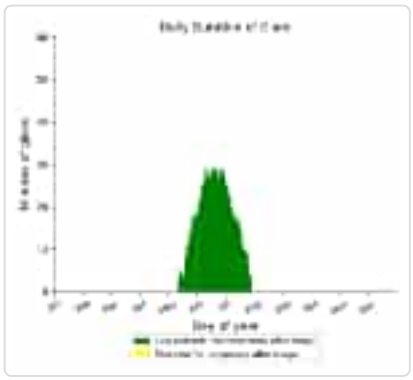


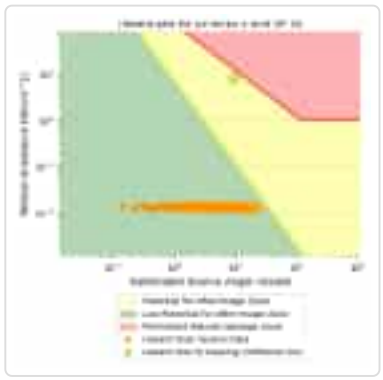
PV array 1: OP 26

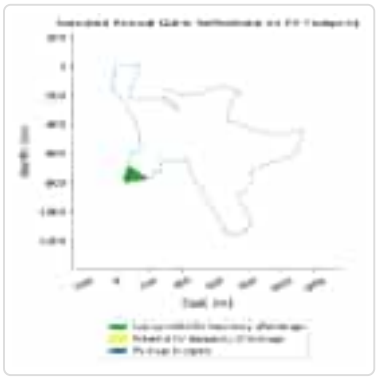
PV array is expected to produce the following glare for this receptor:

- 1,461 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





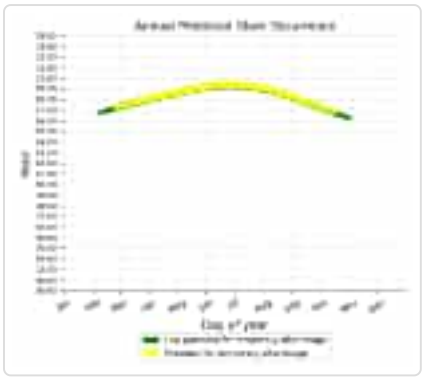


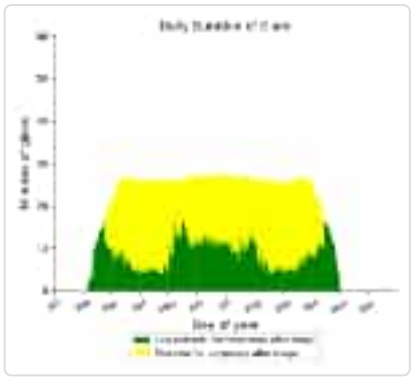


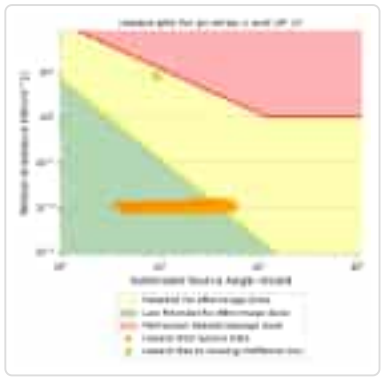
PV array 1: OP 27

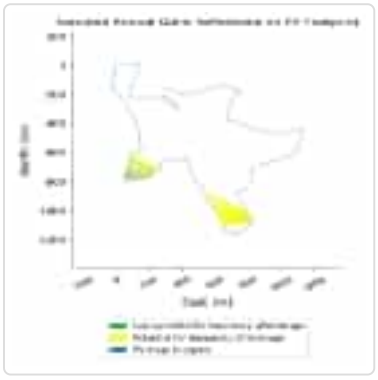
PV array is expected to produce the following glare for this receptor:

- 2,341 minutes of "green" glare with low potential to cause temporary after-image.
- 4,086 minutes of "yellow" glare with potential to cause temporary after-image.





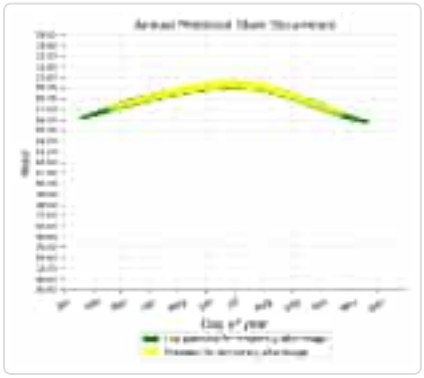


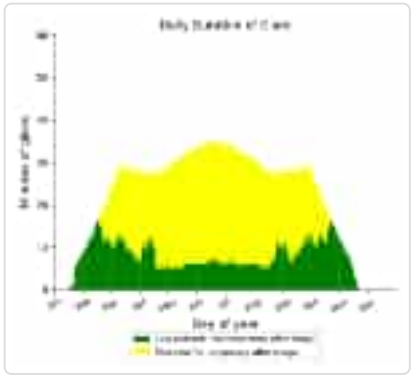


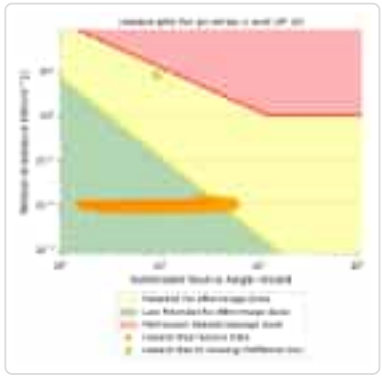
PV array 1: OP 28

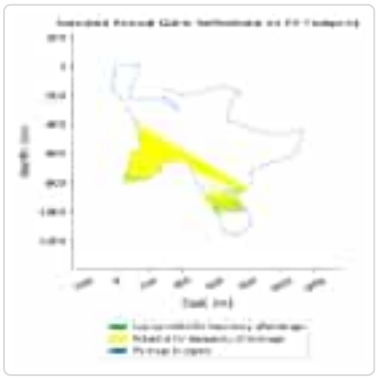
PV array is expected to produce the following glare for this receptor:

- 2,575 minutes of "green" glare with low potential to cause temporary after-image.
- 5,132 minutes of "yellow" glare with potential to cause temporary after-image.





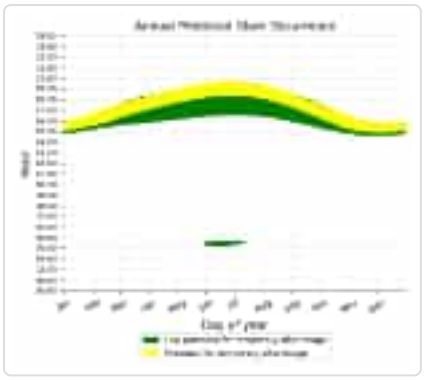


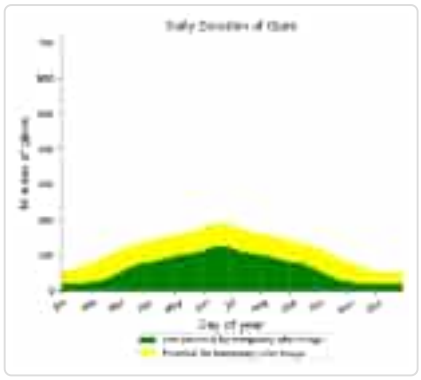


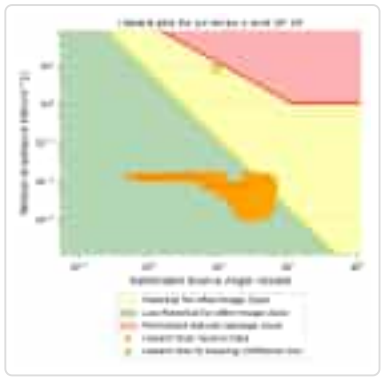
PV array 1: OP 29

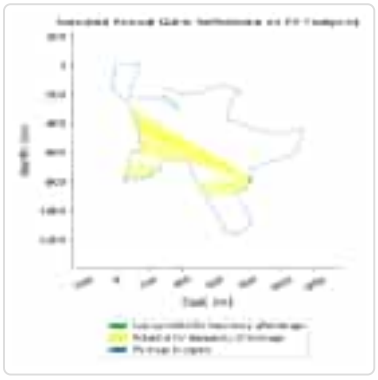
PV array is expected to produce the following glare for this receptor:

- 23,638 minutes of "green" glare with low potential to cause temporary after-image.
- 20,830 minutes of "yellow" glare with potential to cause temporary after-image.





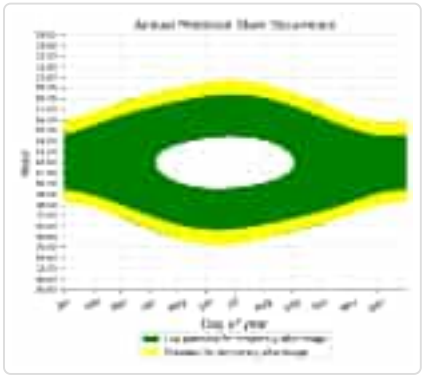


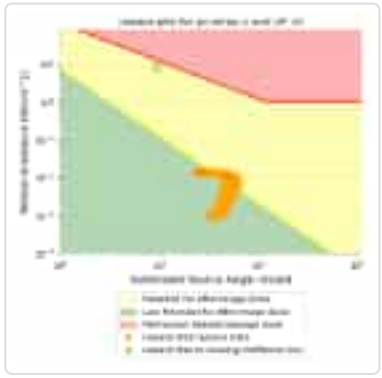


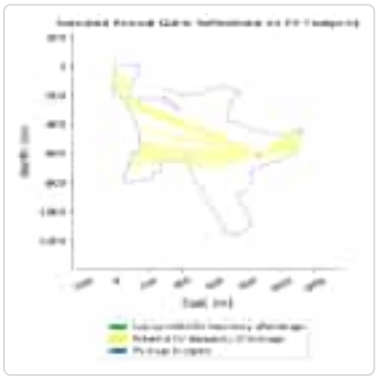
PV array 1: OP 30

PV array is expected to produce the following glare for this receptor:

- 174,919 minutes of "green" glare with low potential to cause temporary after-image.
- 41,665 minutes of "yellow" glare with potential to cause temporary after-image.



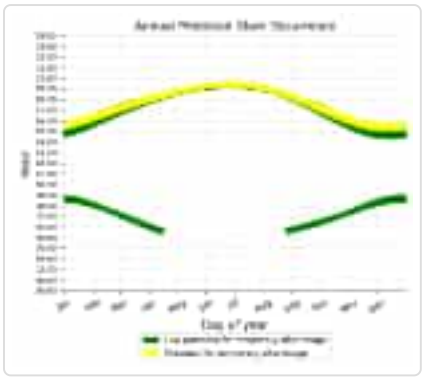


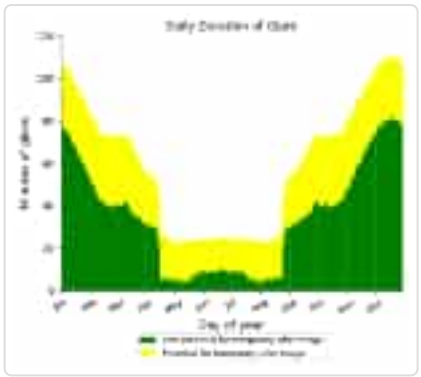


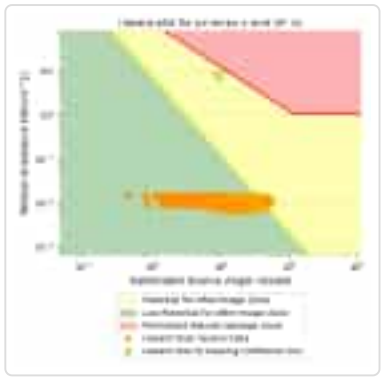
PV array 1: OP 31

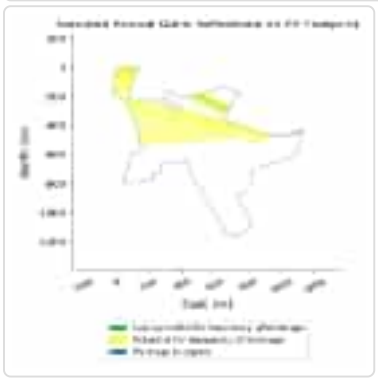
PV array is expected to produce the following glare for this receptor:

- 12,517 minutes of "green" glare with low potential to cause temporary after-image.
- 9,280 minutes of "yellow" glare with potential to cause temporary after-image.





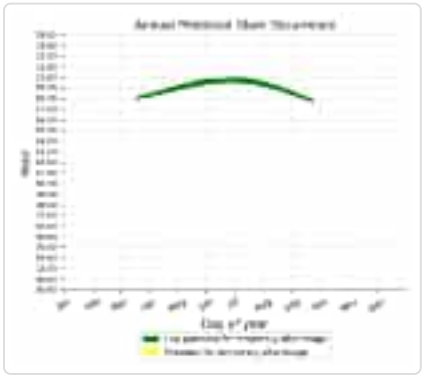


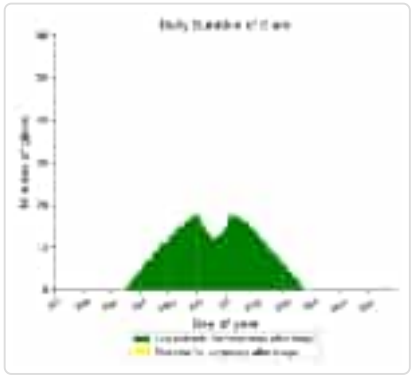


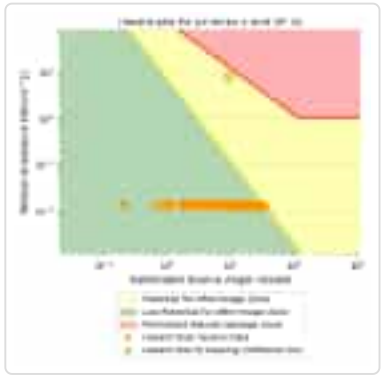
PV array 1: OP 32

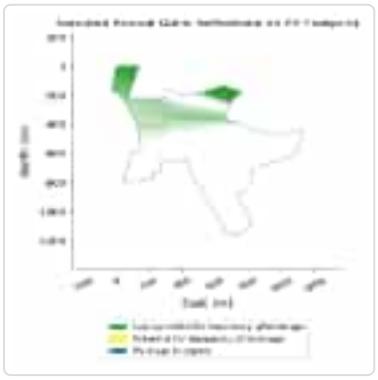
PV array is expected to produce the following glare for this receptor:

- 2,070 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





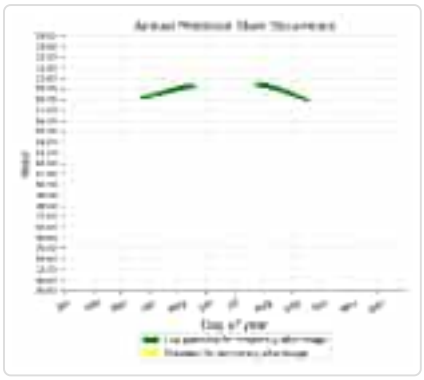


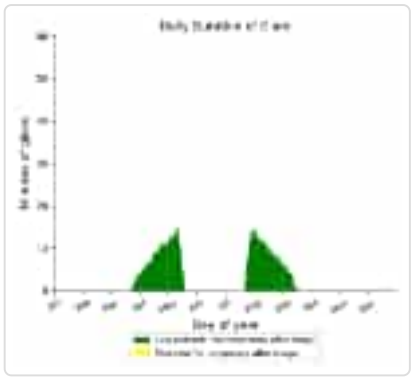


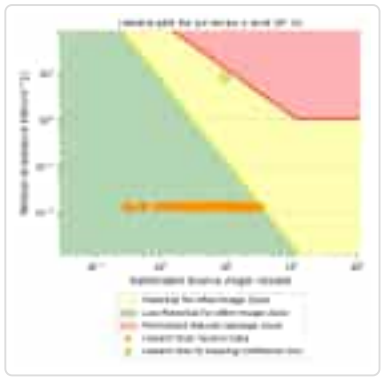
PV array 1: OP 33

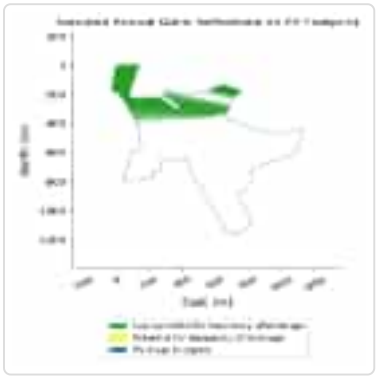
PV array is expected to produce the following glare for this receptor:

- 928 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





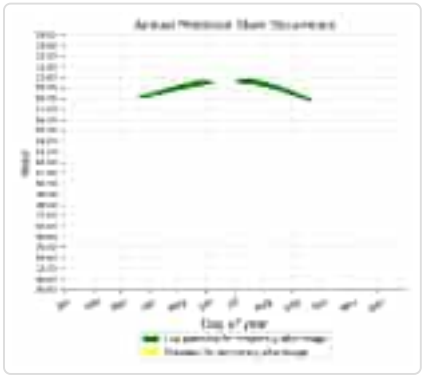


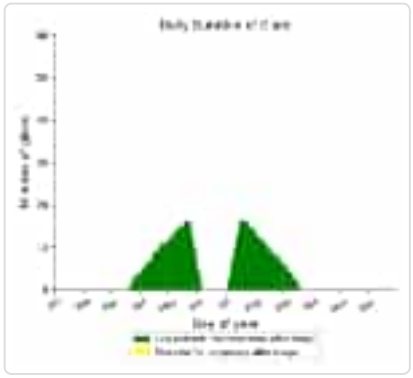


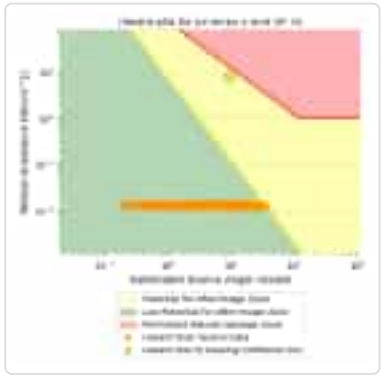
PV array 1: OP 34

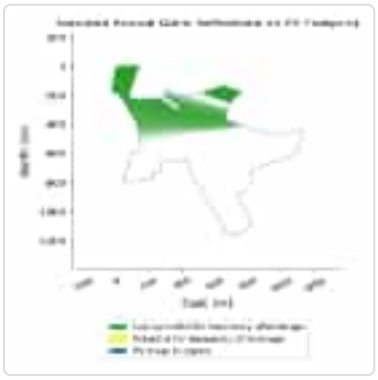
PV array is expected to produce the following glare for this receptor:

- 1,439 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





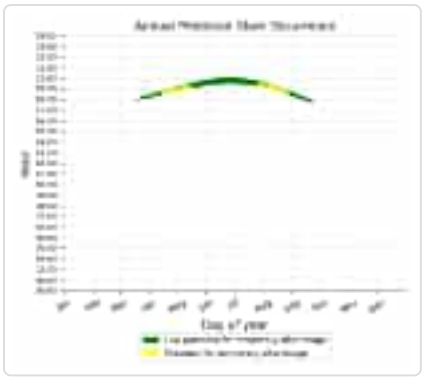


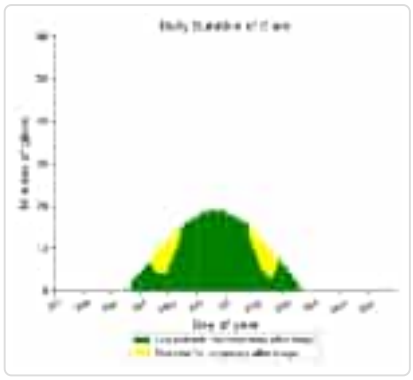


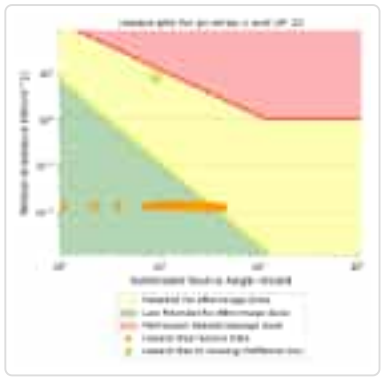
PV array 1: OP 35

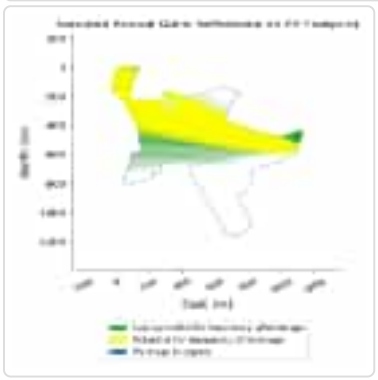
PV array is expected to produce the following glare for this receptor:

- 1,865 minutes of "green" glare with low potential to cause temporary after-image.
- 328 minutes of "yellow" glare with potential to cause temporary after-image.





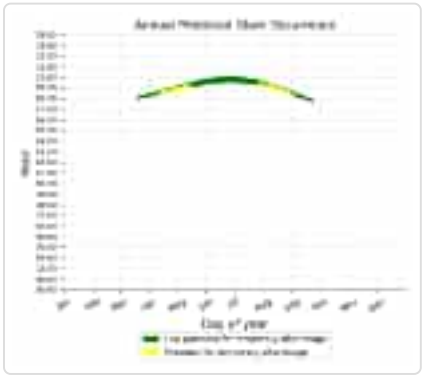


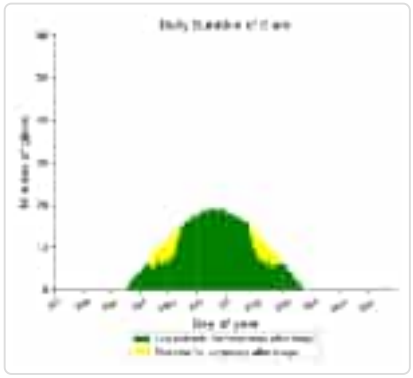


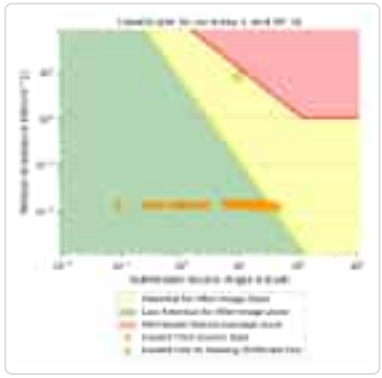
PV array 1: OP 36

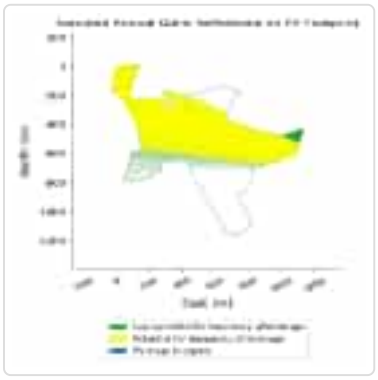
PV array is expected to produce the following glare for this receptor:

- 1,948 minutes of "green" glare with low potential to cause temporary after-image.
- 253 minutes of "yellow" glare with potential to cause temporary after-image.





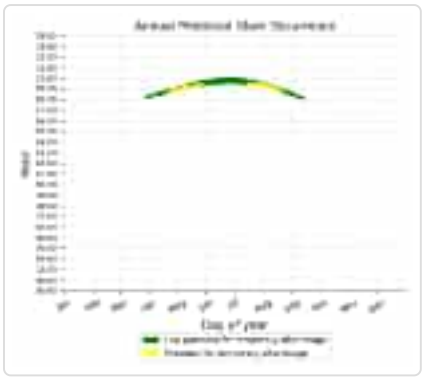


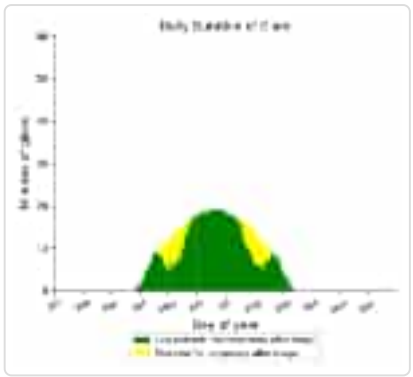


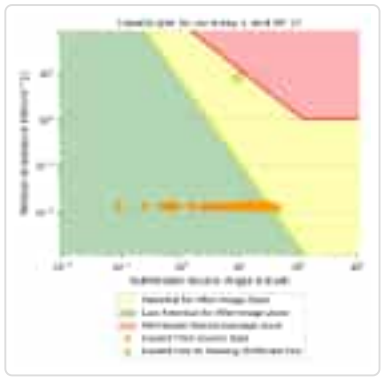
PV array 1: OP 37

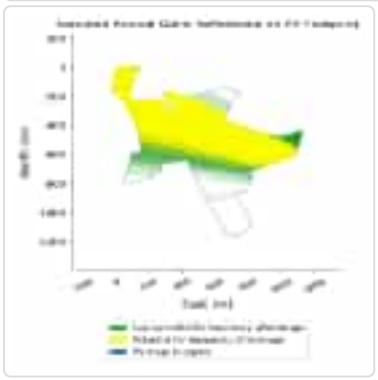
PV array is expected to produce the following glare for this receptor:

- 1,769 minutes of "green" glare with low potential to cause temporary after-image.
- 342 minutes of "yellow" glare with potential to cause temporary after-image.





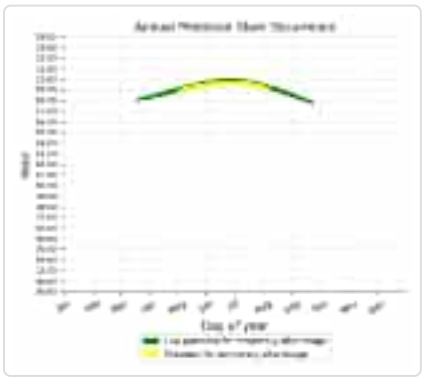


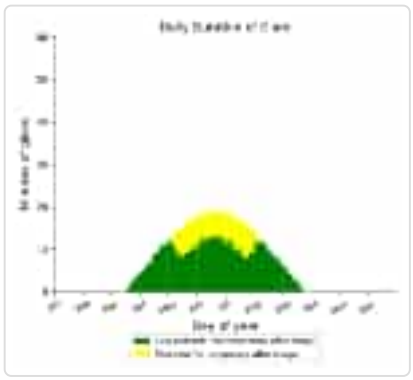


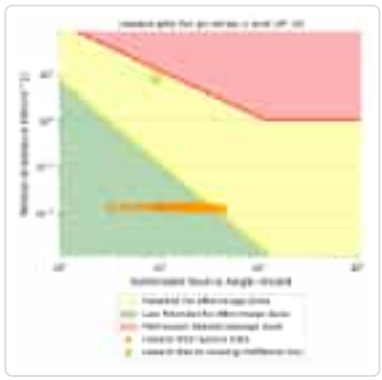
PV array 1: OP 38

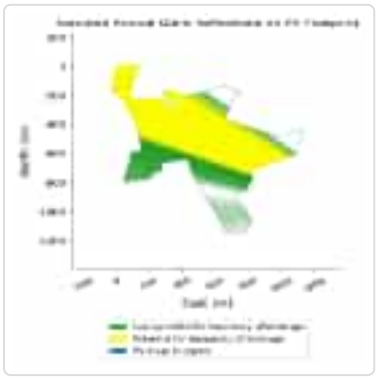
PV array is expected to produce the following glare for this receptor:

- 1,631 minutes of "green" glare with low potential to cause temporary after-image.
- 590 minutes of "yellow" glare with potential to cause temporary after-image.





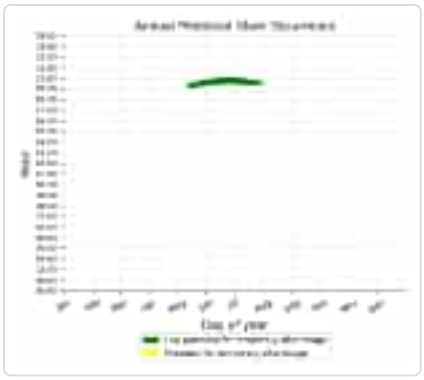


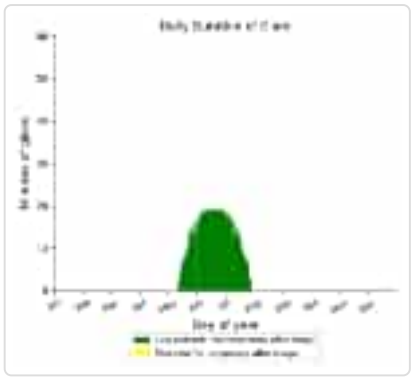


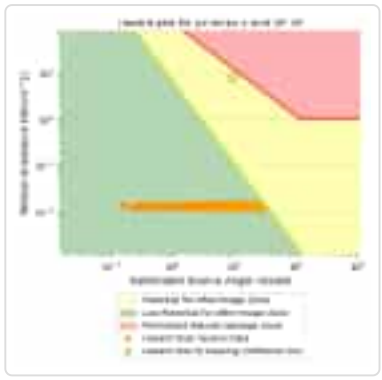
PV array 1: OP 39

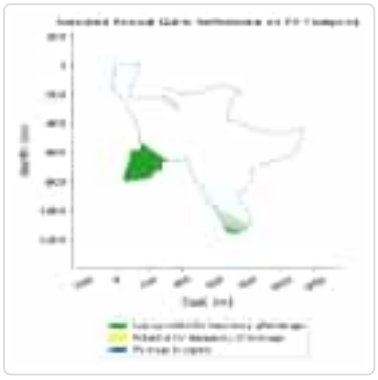
PV array is expected to produce the following glare for this receptor:

- 1,125 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





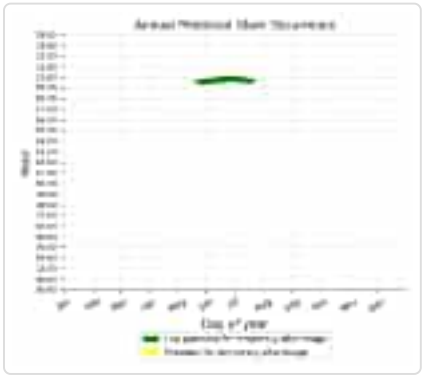


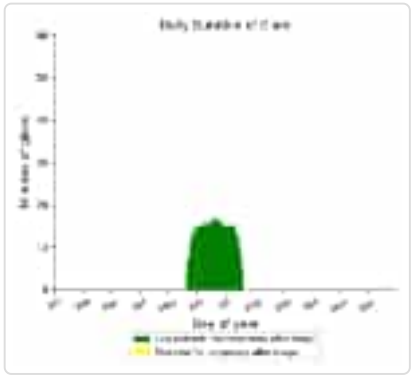


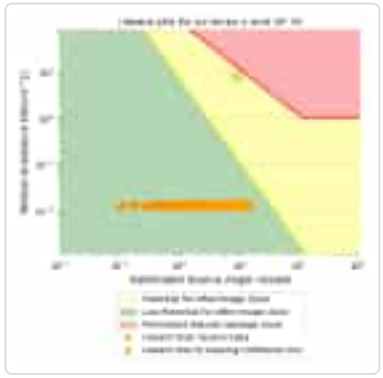
PV array 1: OP 40

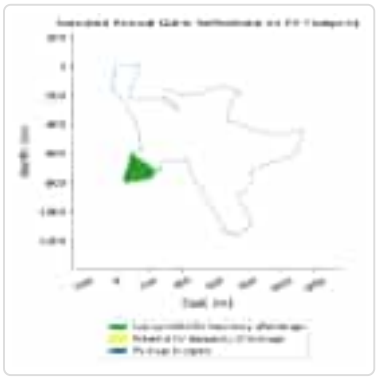
PV array is expected to produce the following glare for this receptor:

- 853 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 41

No glare found

PV array 1: OP 42

No glare found

PV array 1: OP 43

No glare found

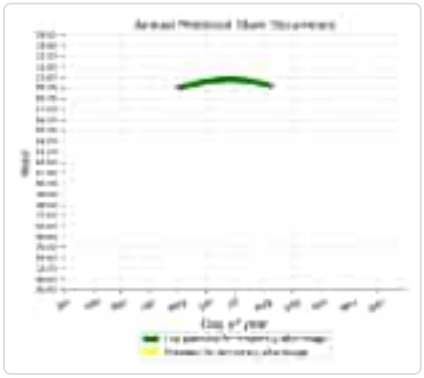
PV array 1: OP 44

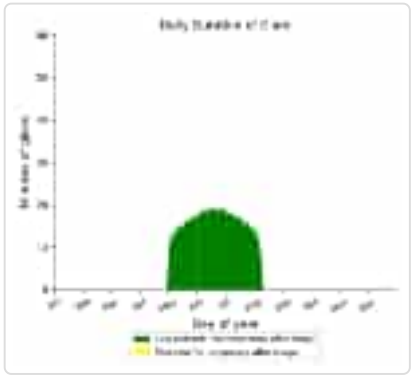
No glare found

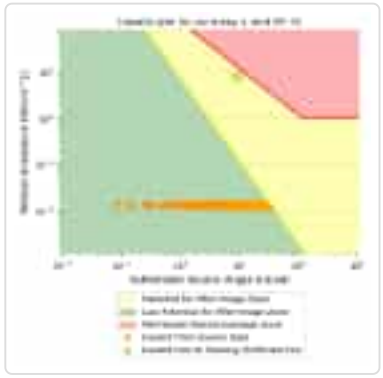
PV array 1: OP 45

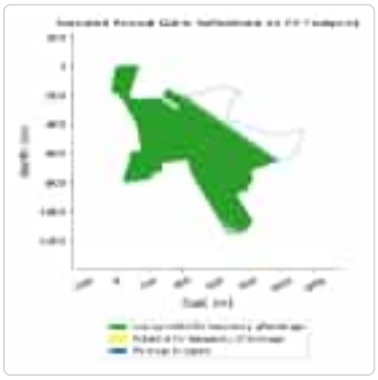
PV array is expected to produce the following glare for this receptor:

- 1,640 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





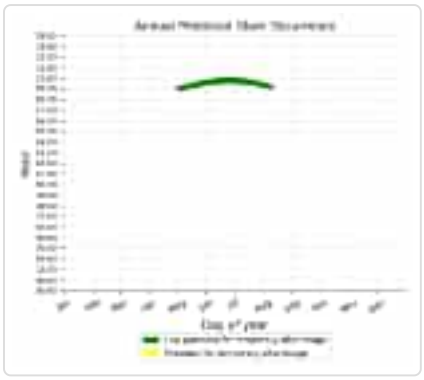


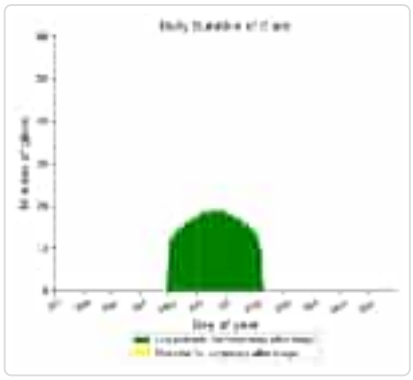


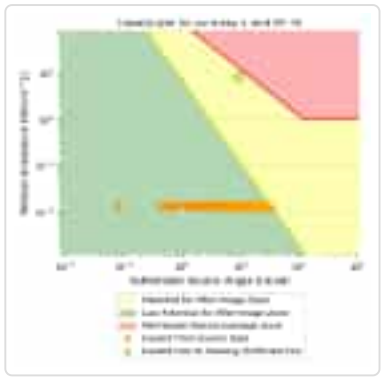
PV array 1: OP 46

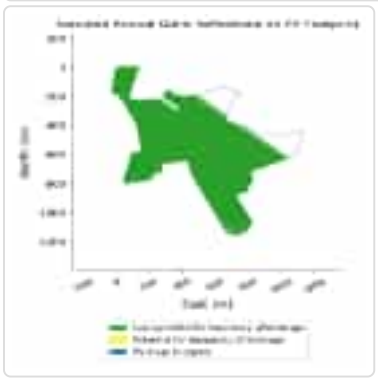
PV array is expected to produce the following glare for this receptor:

- 1,649 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





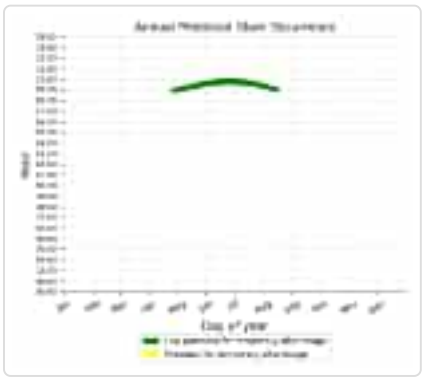


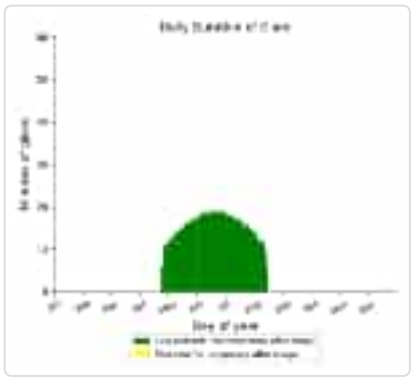


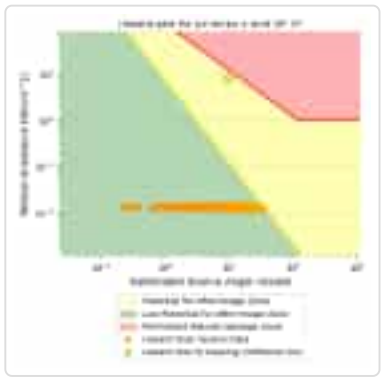
PV array 1: OP 47

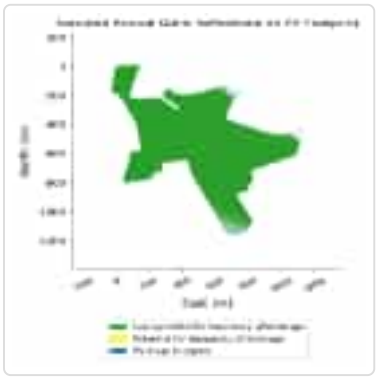
PV array is expected to produce the following glare for this receptor:

- 1,773 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





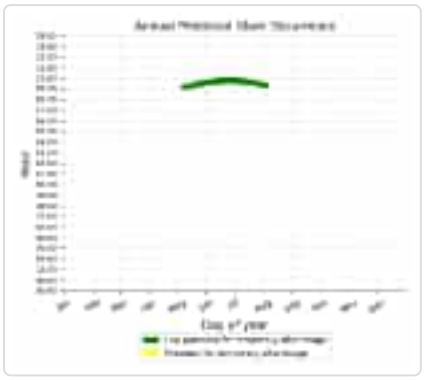


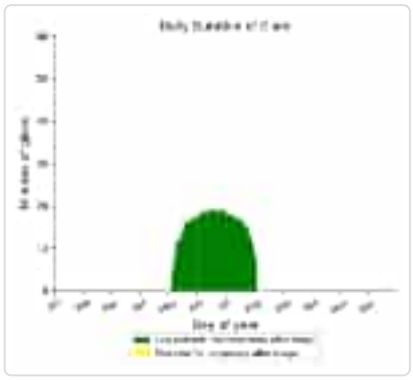


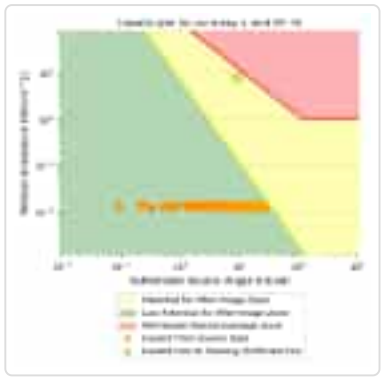
PV array 1: OP 48

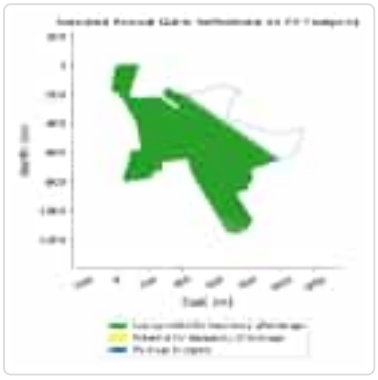
PV array is expected to produce the following glare for this receptor:

- 1,462 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





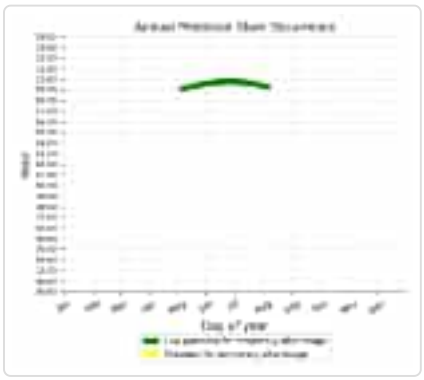


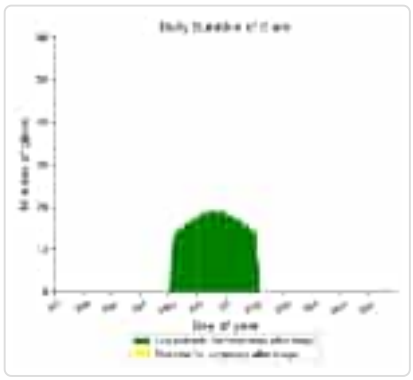


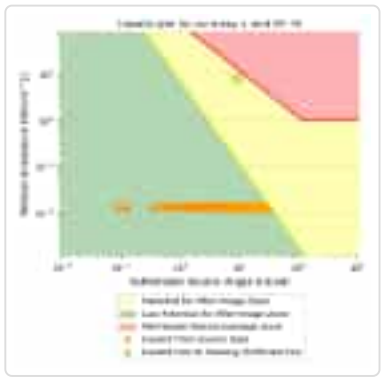
PV array 1: OP 49

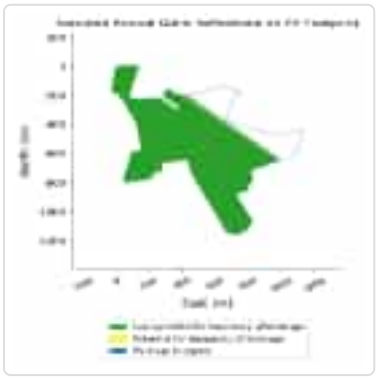
PV array is expected to produce the following glare for this receptor:

- 1,564 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





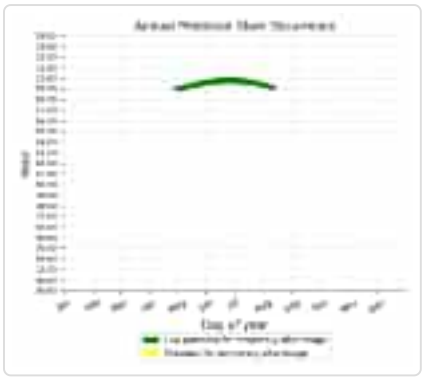


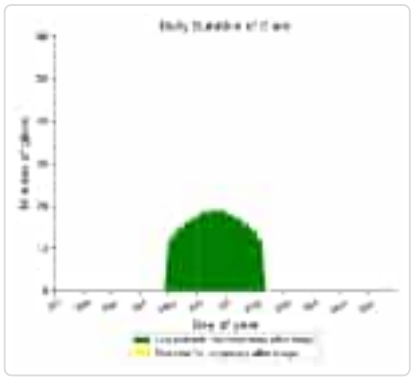


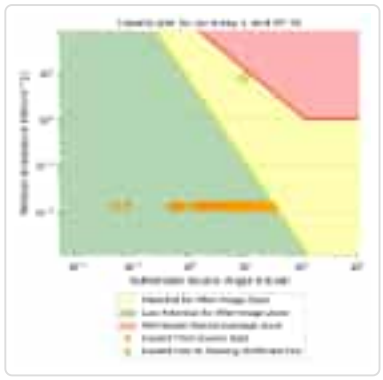
PV array 1: OP 50

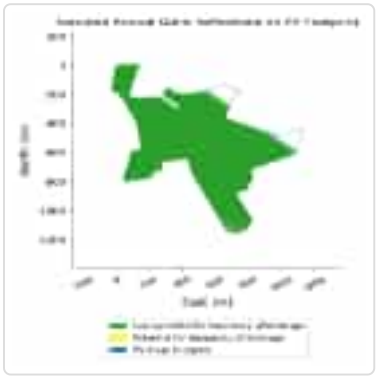
PV array is expected to produce the following glare for this receptor:

- 1,691 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





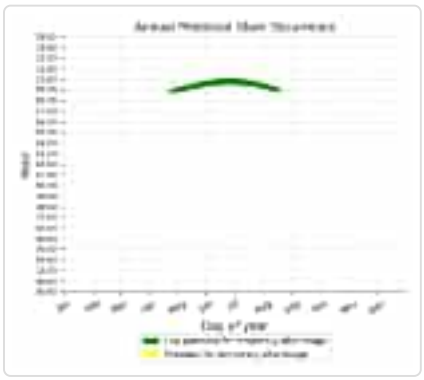


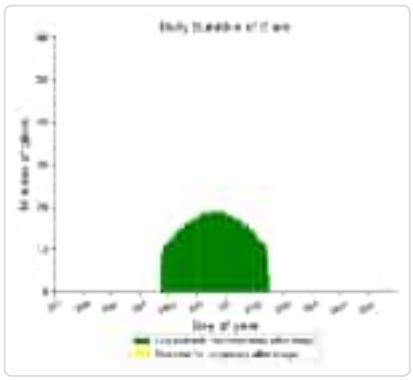


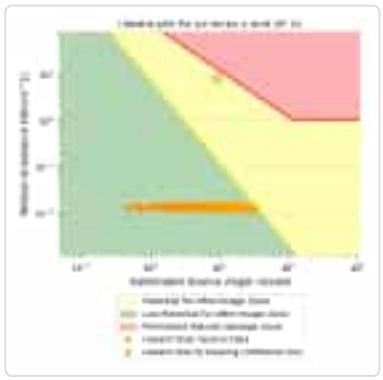
PV array 1: OP 51

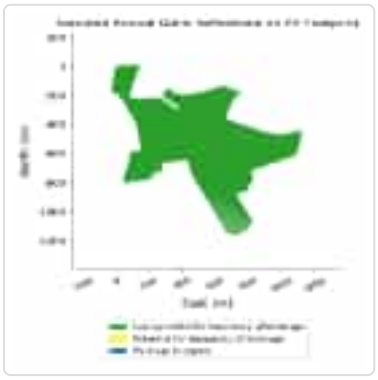
PV array is expected to produce the following glare for this receptor:

- 1,797 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





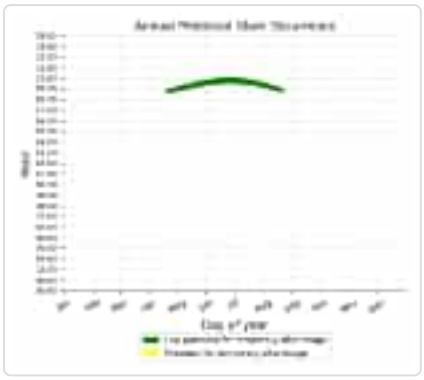


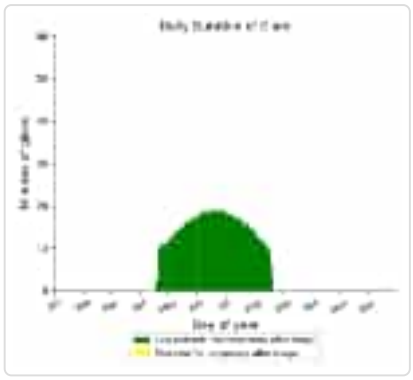


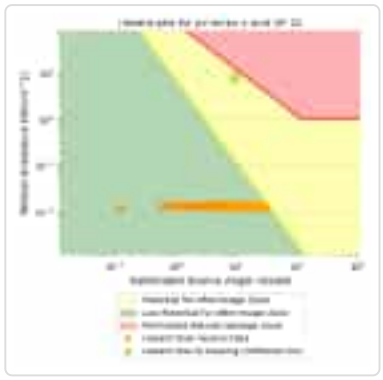
PV array 1: OP 52

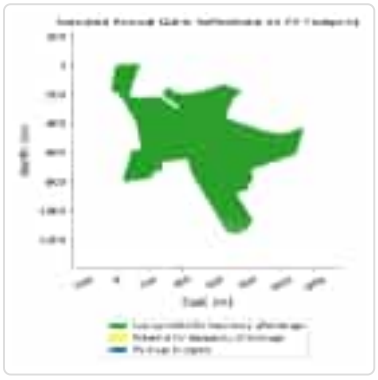
PV array is expected to produce the following glare for this receptor:

- 1,873 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





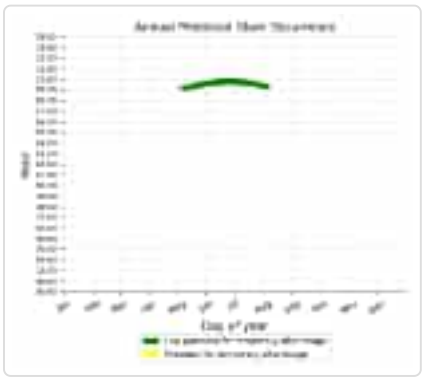


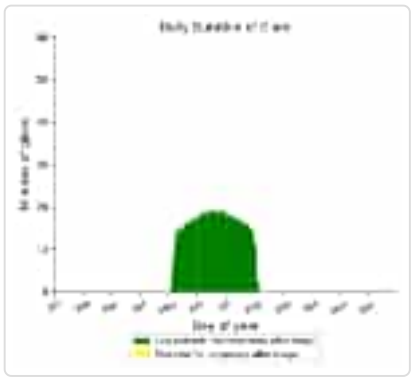


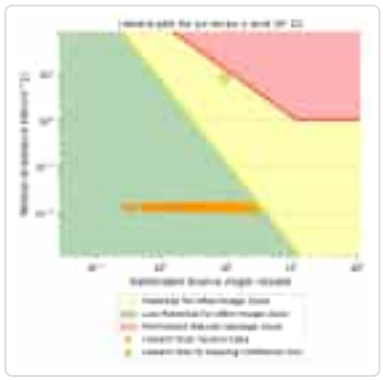
PV array 1: OP 53

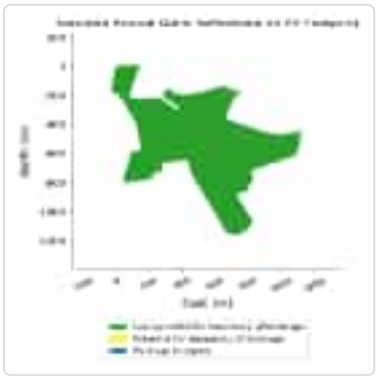
PV array is expected to produce the following glare for this receptor:

- 1,522 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





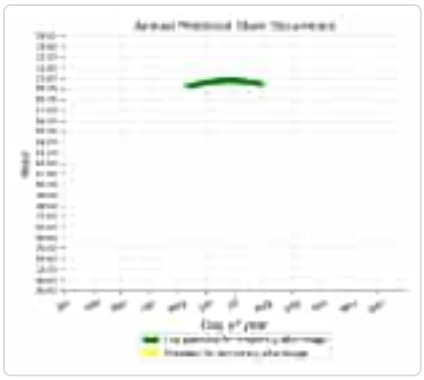


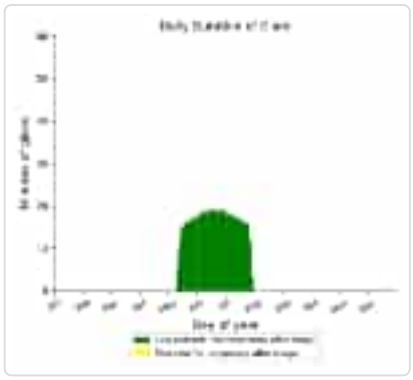


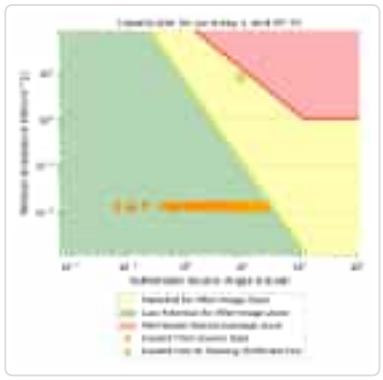
PV array 1: OP 54

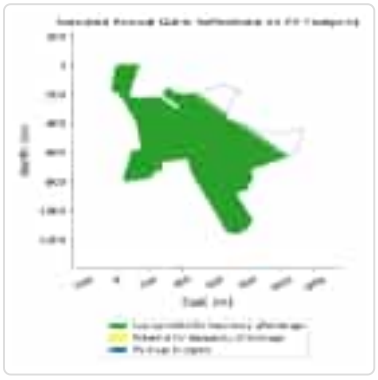
PV array is expected to produce the following glare for this receptor:

- 1,362 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





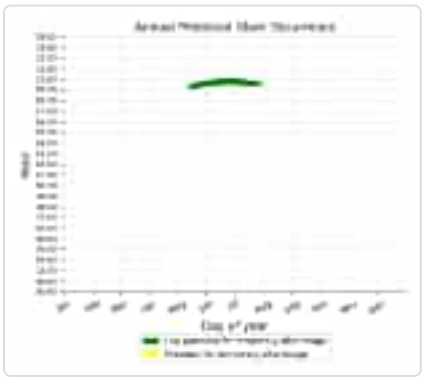


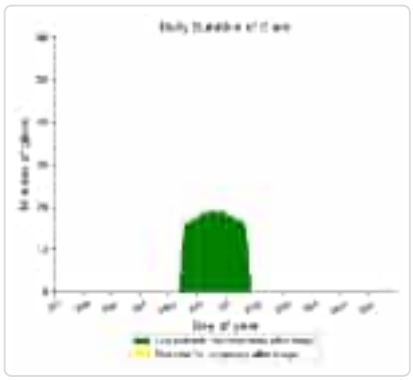


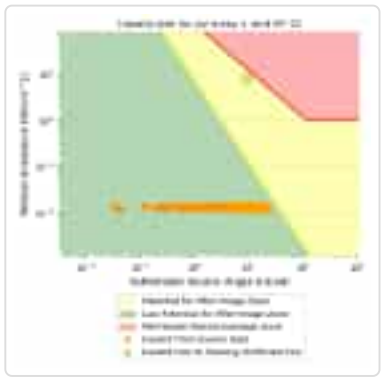
PV array 1: OP 55

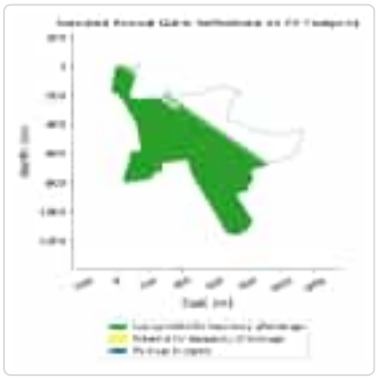
PV array is expected to produce the following glare for this receptor:

- 1,267 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





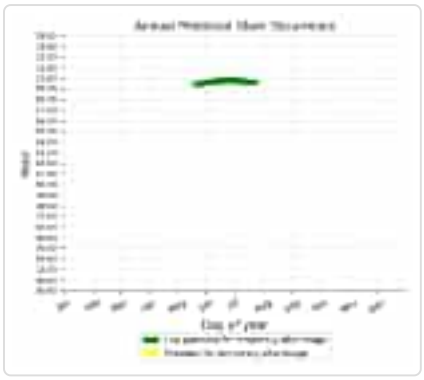


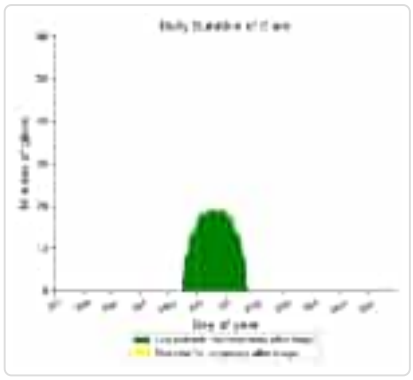


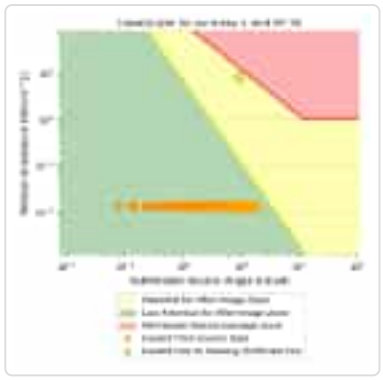
PV array 1: OP 56

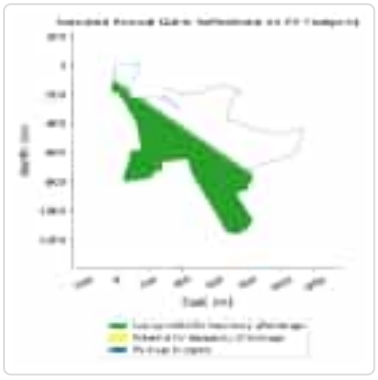
PV array is expected to produce the following glare for this receptor:

- 1,056 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





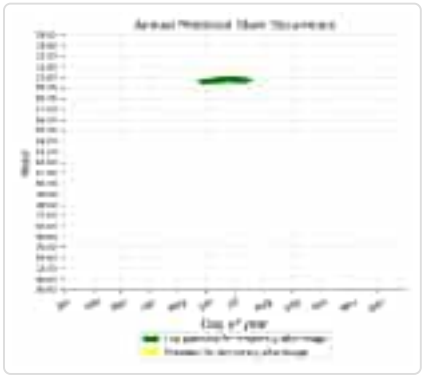


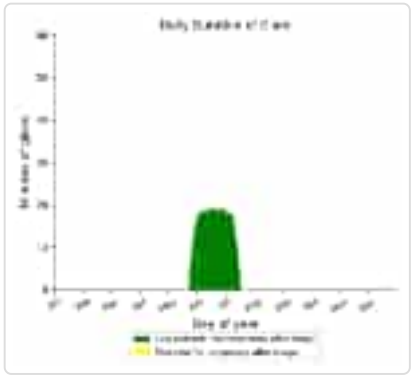


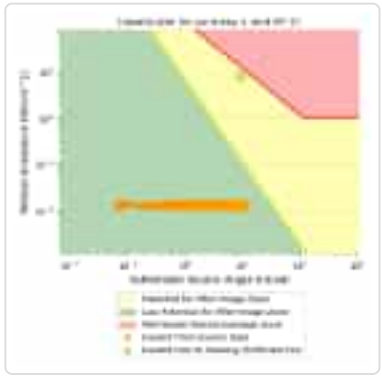
PV array 1: OP 57

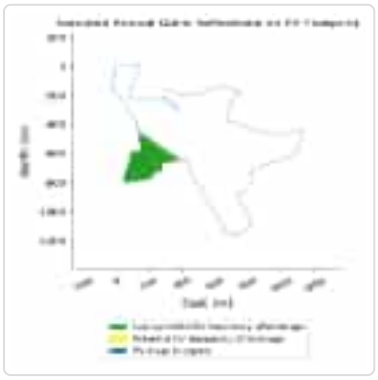
PV array is expected to produce the following glare for this receptor:

- 900 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





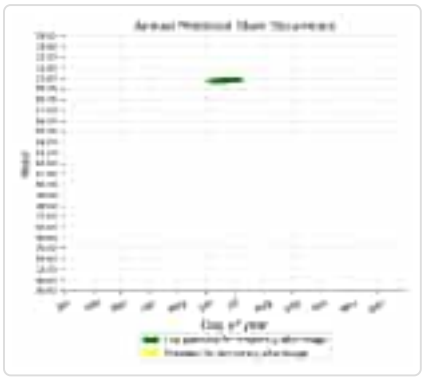


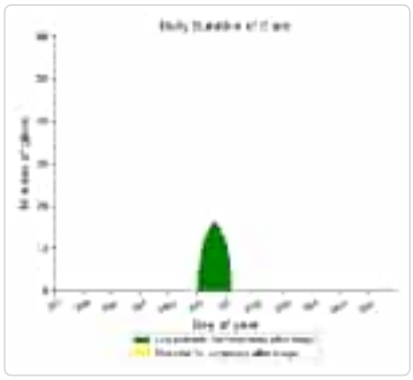


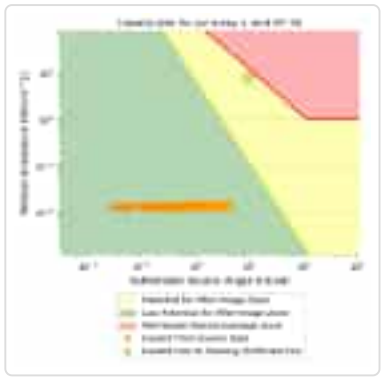
PV array 1: OP 58

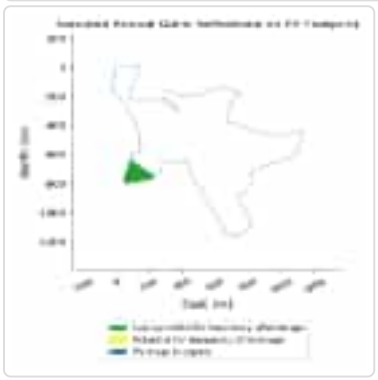
PV array is expected to produce the following glare for this receptor:

- 444 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 59

No glare found

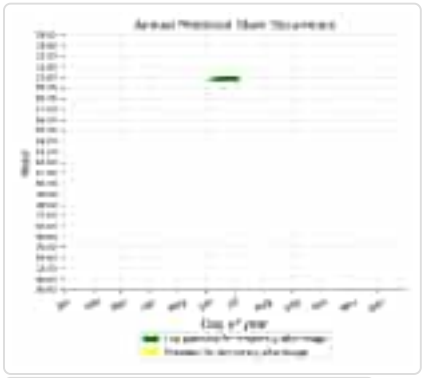
PV array 1: OP 60

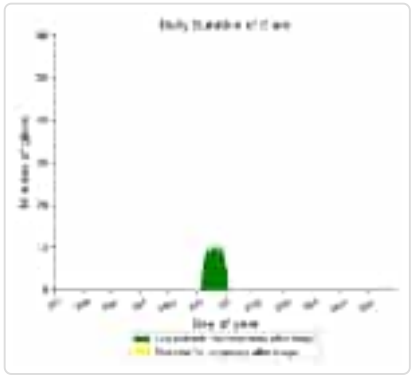
No glare found

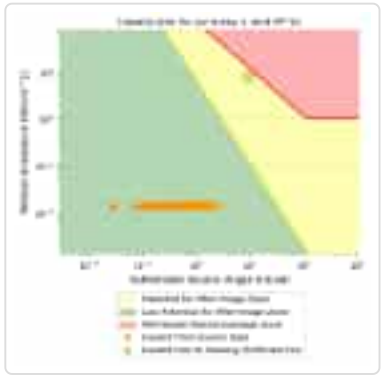
PV array 1: OP 61

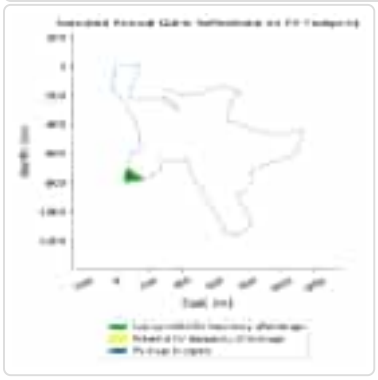
PV array is expected to produce the following glare for this receptor:

- 237 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





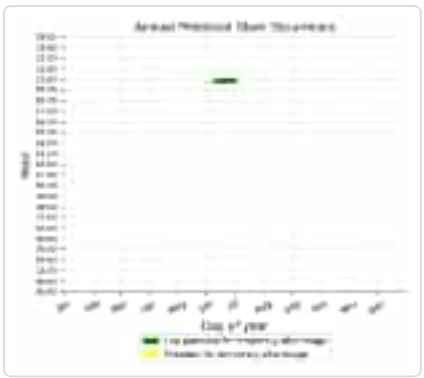


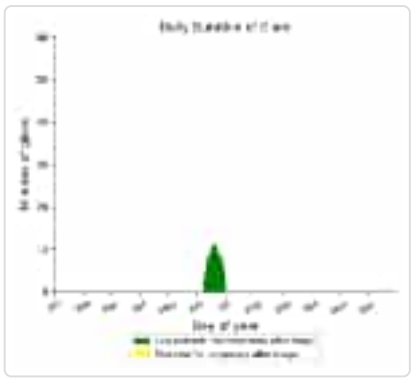


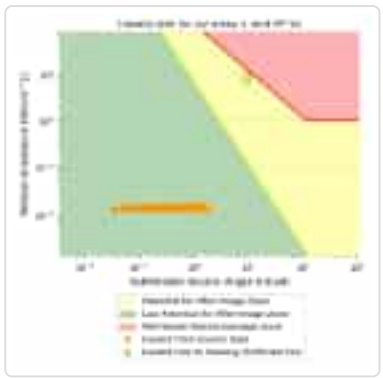
PV array 1: OP 62

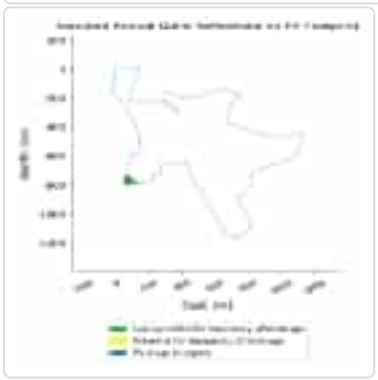
PV array is expected to produce the following glare for this receptor:

- 195 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 63

No glare found

PV array 1: OP 64

No glare found

PV array 1: OP 65

No glare found

PV array 1: OP 66

No glare found

PV array 1: OP 67

No glare found

PV array 1: OP 68

No glare found

PV array 1: OP 69

No glare found

PV array 1: OP 70

No glare found

PV array 1: OP 71

No glare found

PV array 1: OP 72

No glare found

PV array 1: OP 73

No glare found

PV array 1: OP 74

No glare found

PV array 1: OP 75

No glare found

PV array 1: OP 76

No glare found

PV array 1: OP 77

No glare found

PV array 1: OP 78

No glare found

PV array 1: OP 79

No glare found

PV array 10 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0

OP: OP 47	0	0
OP: OP 48	5410	5509
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	871	0
OP: OP 55	1435	0
OP: OP 56	0	0
OP: OP 57	958	17
OP: OP 58	356	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	38	0
OP: OP 69	400	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

PV array 10: OP 1

No glare found

PV array 10: OP 2

No glare found

PV array 10: OP 3

No glare found

PV array 10: OP 4

No glare found

PV array 10: OP 5

No glare found

PV array 10: OP 6

No glare found

PV array 10: OP 7

No glare found

PV array 10: OP 8

No glare found

PV array 10: OP 9

No glare found

PV array 10: OP 10

No glare found

PV array 10: OP 11

No glare found

PV array 10: OP 12

No glare found

PV array 10: OP 13

No glare found

PV array 10: OP 14

No glare found

PV array 10: OP 15

No glare found

PV array 10: OP 16

No glare found

PV array 10: OP 17

No glare found

PV array 10: OP 18

No glare found

PV array 10: OP 19

No glare found

PV array 10: OP 20

No glare found

PV array 10: OP 21

No glare found

PV array 10: OP 22

No glare found

PV array 10: OP 23

No glare found

PV array 10: OP 24

No glare found

PV array 10: OP 25

No glare found

PV array 10: OP 26

No glare found

PV array 10: OP 27

No glare found

PV array 10: OP 28

No glare found

PV array 10: OP 29

No glare found

PV array 10: OP 30

No glare found

PV array 10: OP 31

No glare found

PV array 10: OP 32

No glare found

PV array 10: OP 33

No glare found

PV array 10: OP 34

No glare found

PV array 10: OP 35

No glare found

PV array 10: OP 36

No glare found

PV array 10: OP 37

No glare found

PV array 10: OP 38

No glare found

PV array 10: OP 39

No glare found

PV array 10: OP 40

No glare found

PV array 10: OP 41

No glare found

PV array 10: OP 42

No glare found

PV array 10: OP 43

No glare found

PV array 10: OP 44

No glare found

PV array 10: OP 45

No glare found

PV array 10: OP 46

No glare found

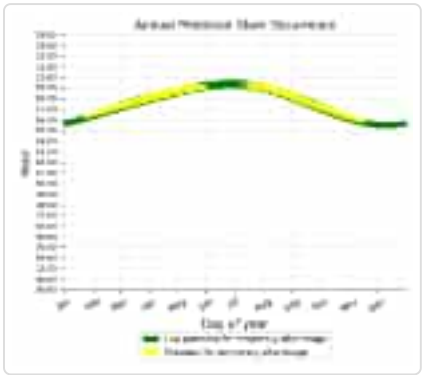
PV array 10: OP 47

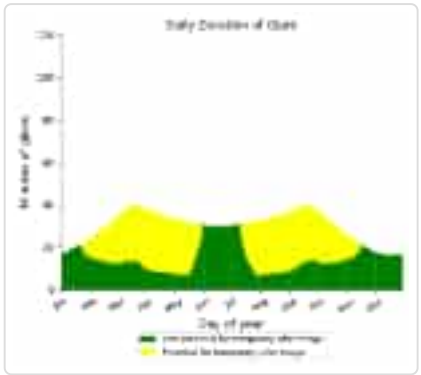
No glare found

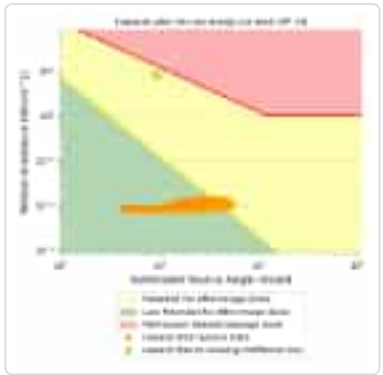
PV array 10: OP 48

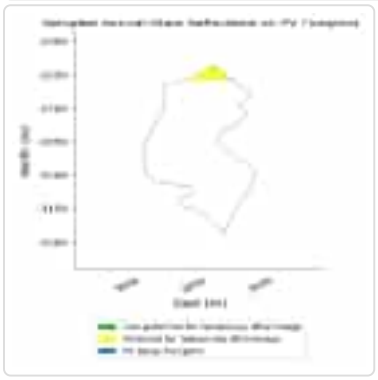
PV array is expected to produce the following glare for this receptor:

- 5,410 minutes of "green" glare with low potential to cause temporary after-image.
- 5,509 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 49

No glare found

PV array 10: OP 50

No glare found

PV array 10: OP 51

No glare found

PV array 10: OP 52

No glare found

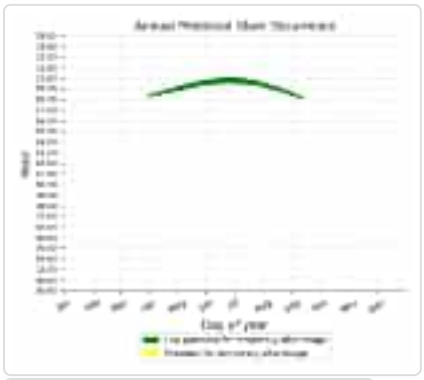
PV array 10: OP 53

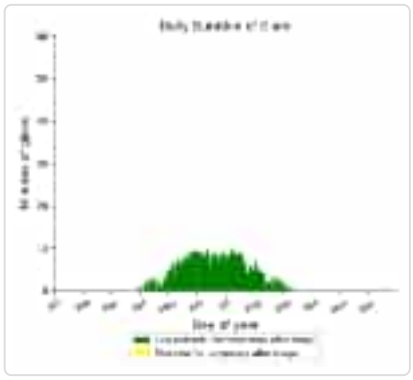
No glare found

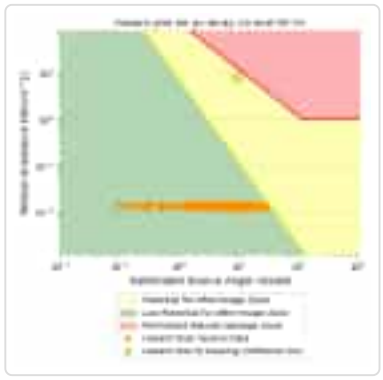
PV array 10: OP 54

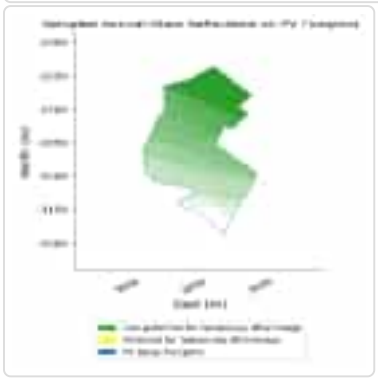
PV array is expected to produce the following glare for this receptor:

- 871 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





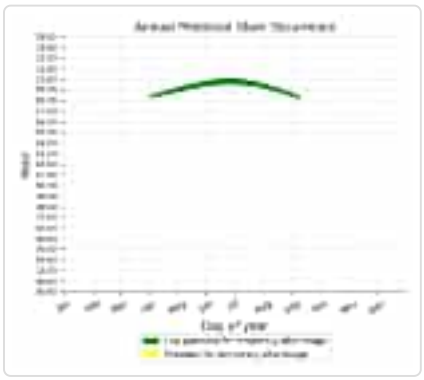


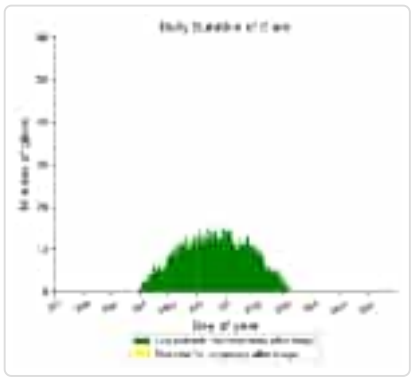


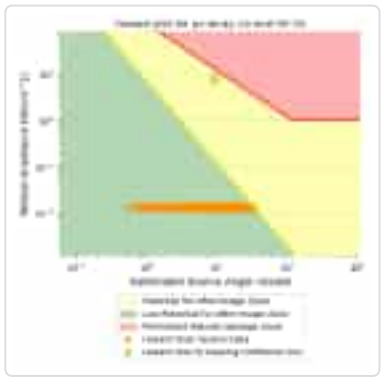
PV array 10: OP 55

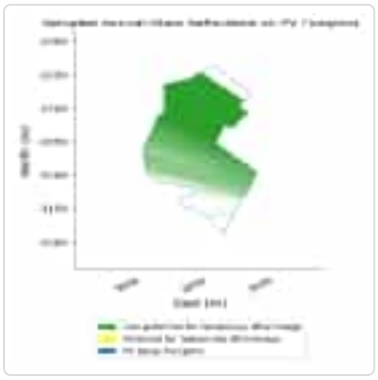
PV array is expected to produce the following glare for this receptor:

- 1,435 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









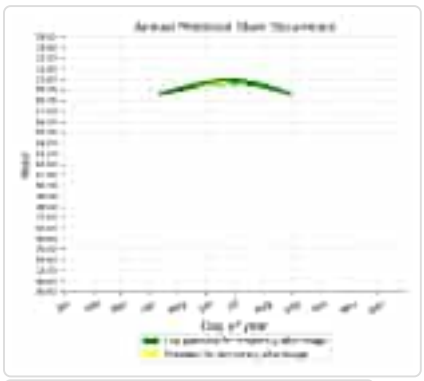
PV array 10: OP 56

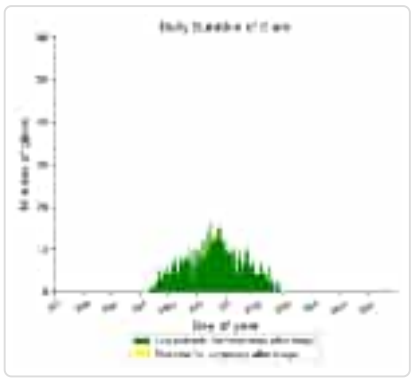
No glare found

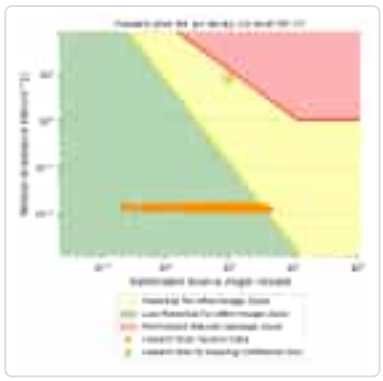
PV array 10: OP 57

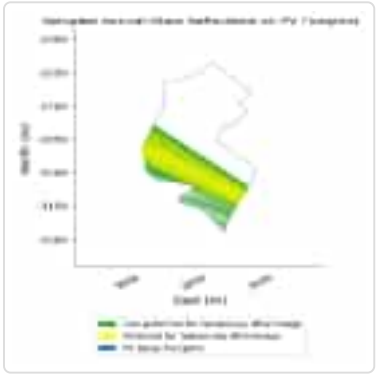
PV array is expected to produce the following glare for this receptor:

- 958 minutes of "green" glare with low potential to cause temporary after-image.
- 17 minutes of "yellow" glare with potential to cause temporary after-image.





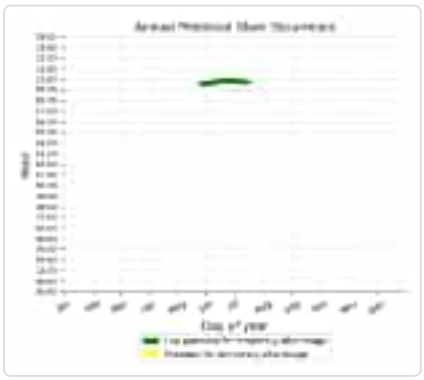


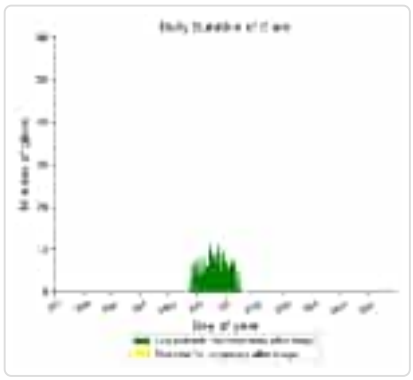


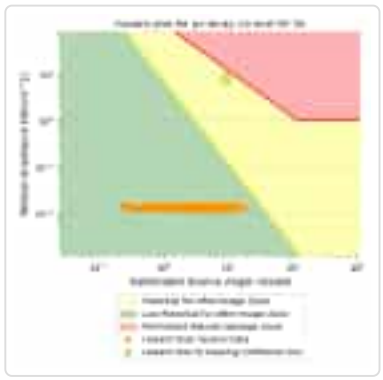
PV array 10: OP 58

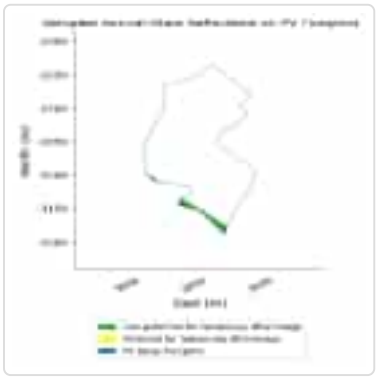
PV array is expected to produce the following glare for this receptor:

- 356 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 59

No glare found

PV array 10: OP 60

No glare found

PV array 10: OP 61

No glare found

PV array 10: OP 62

No glare found

PV array 10: OP 63

No glare found

PV array 10: OP 64

No glare found

PV array 10: OP 65

No glare found

PV array 10: OP 66

No glare found

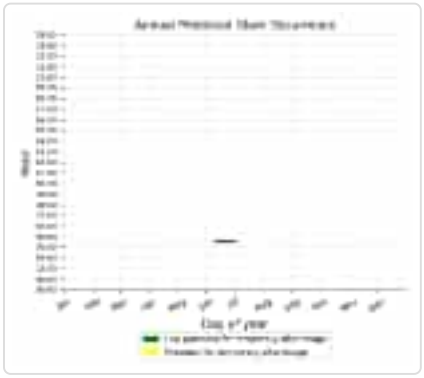
PV array 10: OP 67

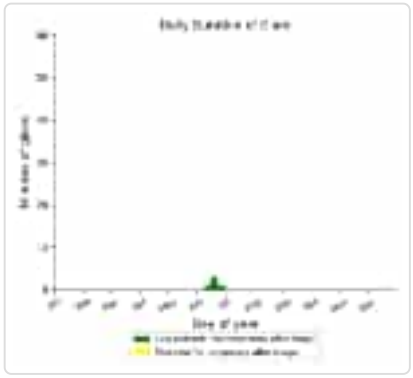
No glare found

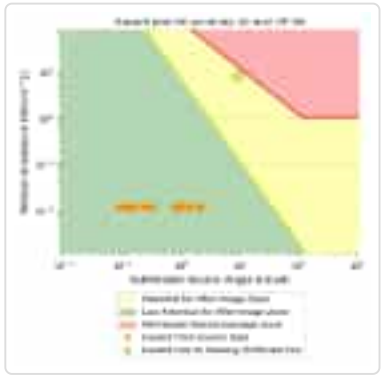
PV array 10: OP 68

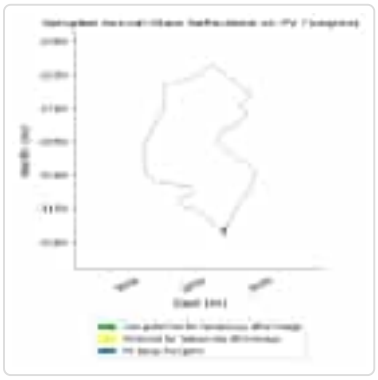
PV array is expected to produce the following glare for this receptor:

- 38 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





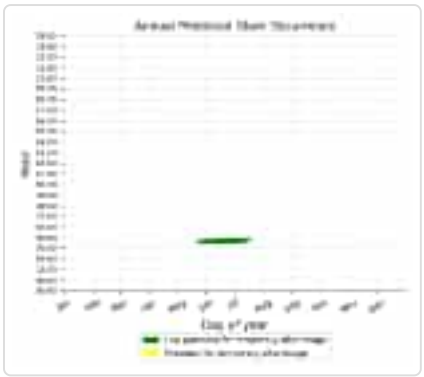


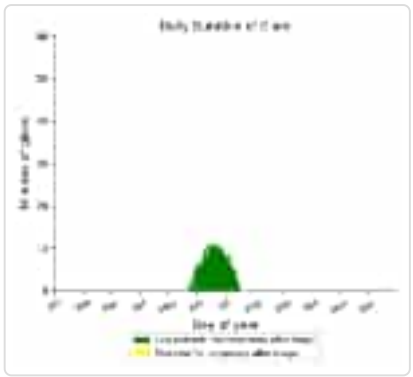


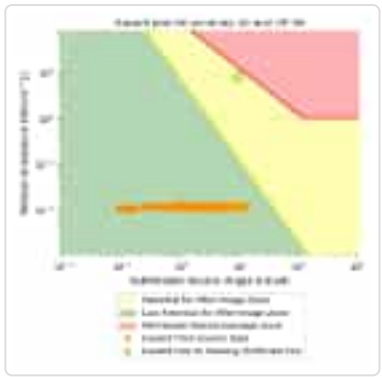
PV array 10: OP 69

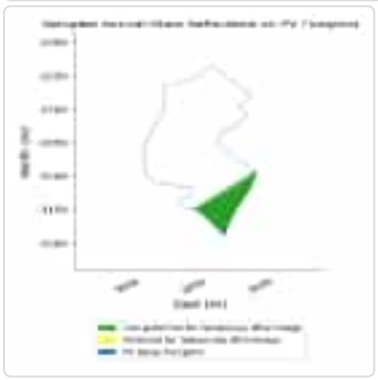
PV array is expected to produce the following glare for this receptor:

- 400 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 70

No glare found

PV array 10: OP 71

No glare found

PV array 10: OP 72

No glare found

PV array 10: OP 73

No glare found

PV array 10: OP 74

No glare found

PV array 10: OP 75

No glare found

PV array 10: OP 76

No glare found

PV array 10: OP 77

No glare found

PV array 10: OP 78

No glare found

PV array 10: OP 79

No glare found

PV array 11 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0

OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	1335	0
OP: OP 54	2874	311
OP: OP 55	2917	540
OP: OP 56	63669	53958
OP: OP 57	17484	53128
OP: OP 58	2306	3400
OP: OP 59	3915	7752
OP: OP 60	1711	3211
OP: OP 61	401	5
OP: OP 62	1201	517
OP: OP 63	1008	0
OP: OP 64	1256	0
OP: OP 65	1231	0
OP: OP 66	1250	0
OP: OP 67	1330	0
OP: OP 68	1324	0
OP: OP 69	1203	0
OP: OP 70	1378	0
OP: OP 71	1274	0
OP: OP 72	951	0
OP: OP 73	0	0
OP: OP 74	0	0

OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

PV array 11: OP 1

No glare found

PV array 11: OP 2

No glare found

PV array 11: OP 3

No glare found

PV array 11: OP 4

No glare found

PV array 11: OP 5

No glare found

PV array 11: OP 6

No glare found

PV array 11: OP 7

No glare found

PV array 11: OP 8

No glare found

PV array 11: OP 9

No glare found

PV array 11: OP 10

No glare found

PV array 11: OP 11

No glare found

PV array 11: OP 12

No glare found

PV array 11: OP 13

No glare found

PV array 11: OP 14

No glare found

PV array 11: OP 15

No glare found

PV array 11: OP 16

No glare found

PV array 11: OP 17

No glare found

PV array 11: OP 18

No glare found

PV array 11: OP 19

No glare found

PV array 11: OP 20

No glare found

PV array 11: OP 21

No glare found

PV array 11: OP 22

No glare found

PV array 11: OP 23

No glare found

PV array 11: OP 24

No glare found

PV array 11: OP 25

No glare found

PV array 11: OP 26

No glare found

PV array 11: OP 27

No glare found

PV array 11: OP 28

No glare found

PV array 11: OP 29

No glare found

PV array 11: OP 30

No glare found

PV array 11: OP 31

No glare found

PV array 11: OP 32

No glare found

PV array 11: OP 33

No glare found

PV array 11: OP 34

No glare found

PV array 11: OP 35

No glare found

PV array 11: OP 36

No glare found

PV array 11: OP 37

No glare found

PV array 11: OP 38

No glare found

PV array 11: OP 39

No glare found

PV array 11: OP 40

No glare found

PV array 11: OP 41

No glare found

PV array 11: OP 42

No glare found

PV array 11: OP 43

No glare found

PV array 11: OP 44

No glare found

PV array 11: OP 45

No glare found

PV array 11: OP 46

No glare found

PV array 11: OP 47

No glare found

PV array 11: OP 48

No glare found

PV array 11: OP 49

No glare found

PV array 11: OP 50

No glare found

PV array 11: OP 51

No glare found

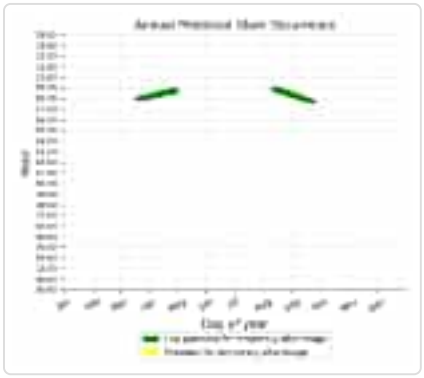
PV array 11: OP 52

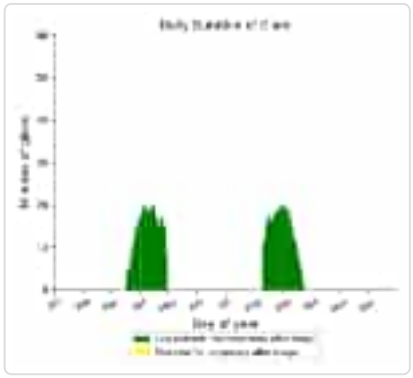
No glare found

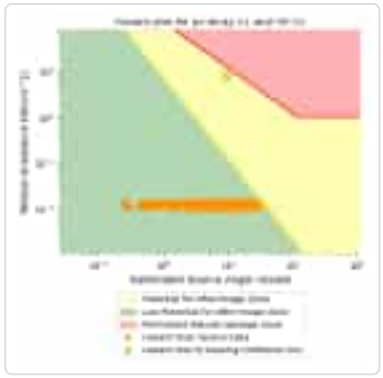
PV array 11: OP 53

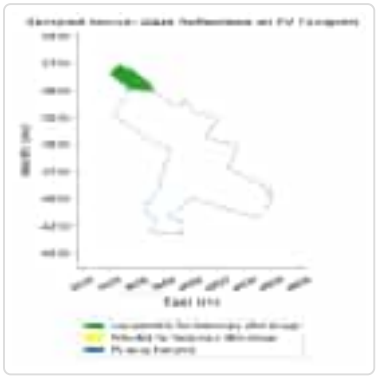
PV array is expected to produce the following glare for this receptor:

- 1,335 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





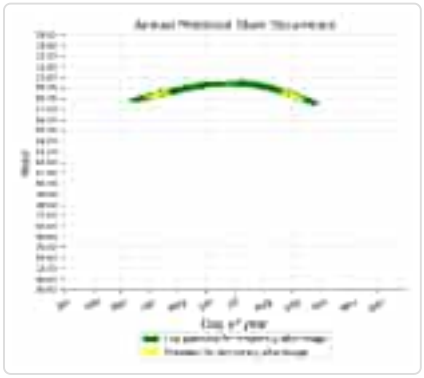


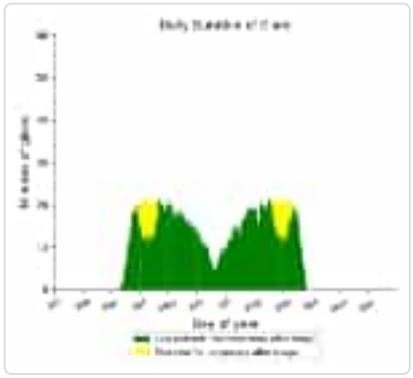


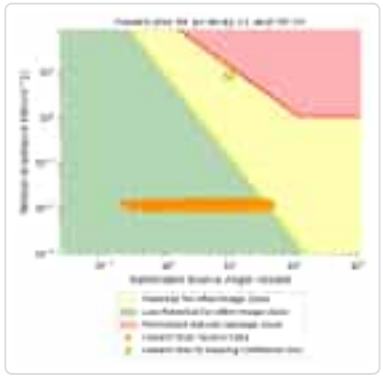
PV array 11: OP 54

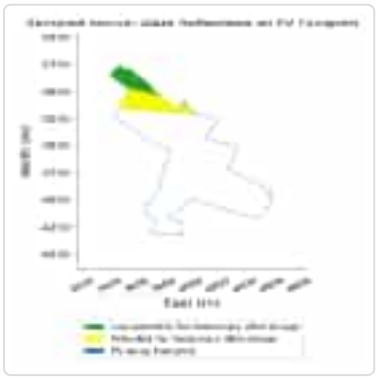
PV array is expected to produce the following glare for this receptor:

- 2,874 minutes of "green" glare with low potential to cause temporary after-image.
- 311 minutes of "yellow" glare with potential to cause temporary after-image.





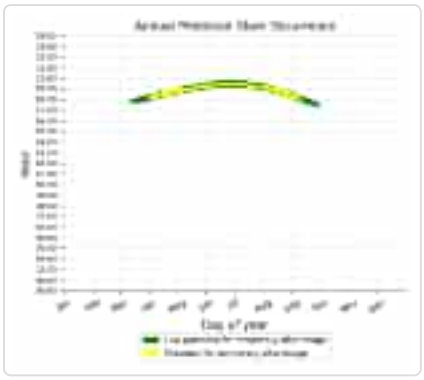


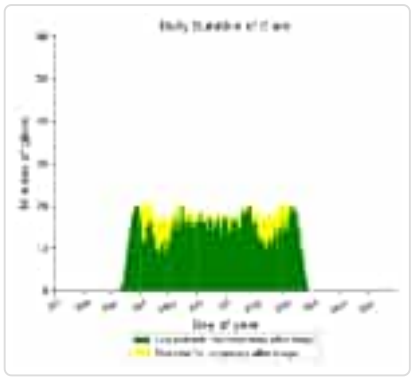


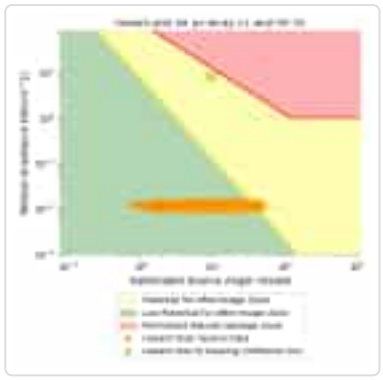
PV array 11: OP 55

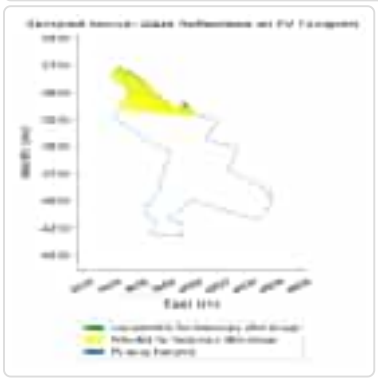
PV array is expected to produce the following glare for this receptor:

- 2,917 minutes of "green" glare with low potential to cause temporary after-image.
- 540 minutes of "yellow" glare with potential to cause temporary after-image.





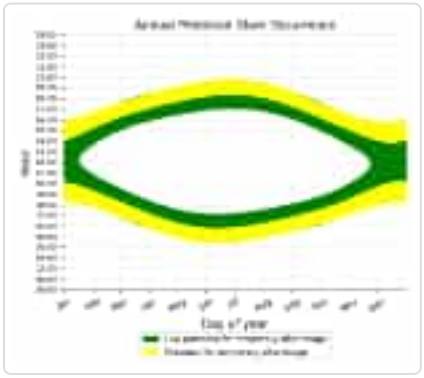


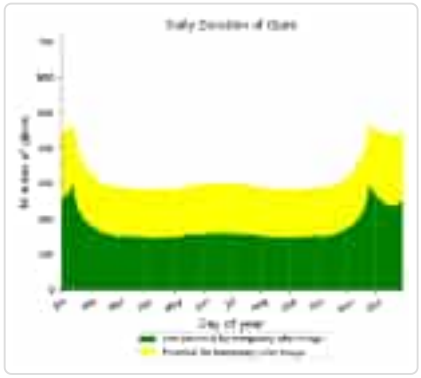


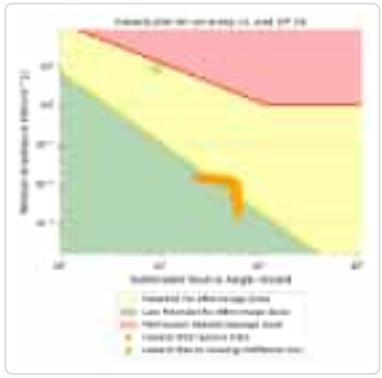
PV array 11: OP 56

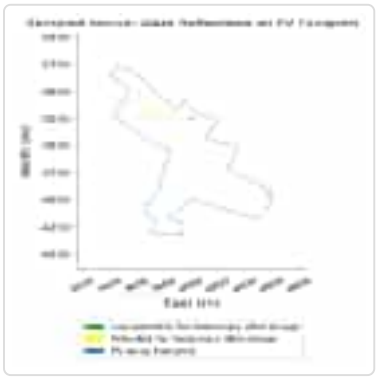
PV array is expected to produce the following glare for this receptor:

- 63,669 minutes of "green" glare with low potential to cause temporary after-image.
- 53,958 minutes of "yellow" glare with potential to cause temporary after-image.





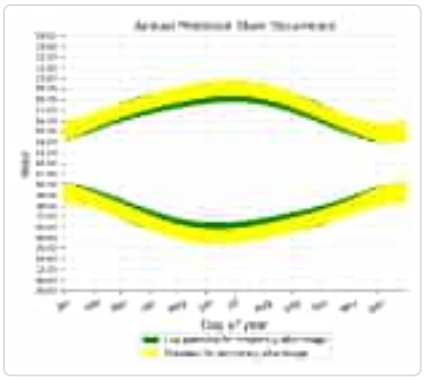


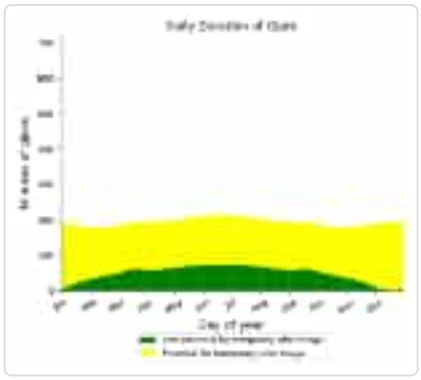


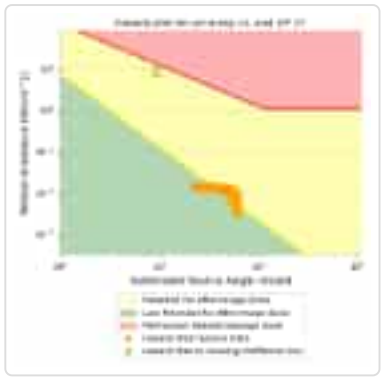
PV array 11: OP 57

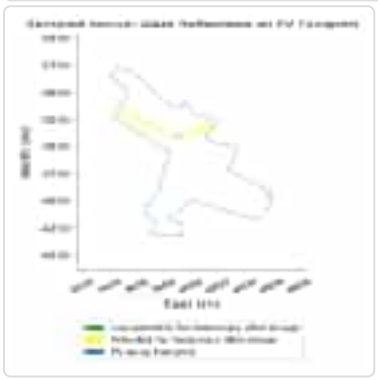
PV array is expected to produce the following glare for this receptor:

- 17,484 minutes of "green" glare with low potential to cause temporary after-image.
- 53,128 minutes of "yellow" glare with potential to cause temporary after-image.





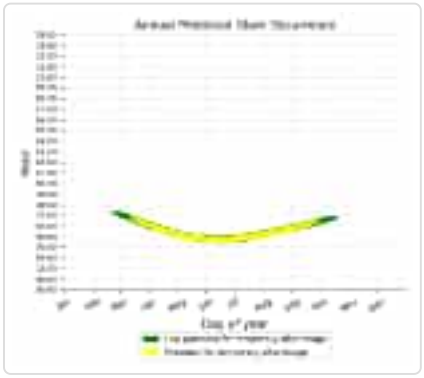


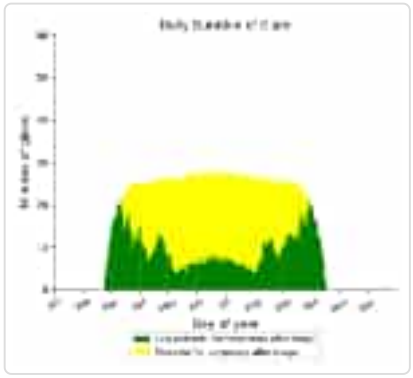


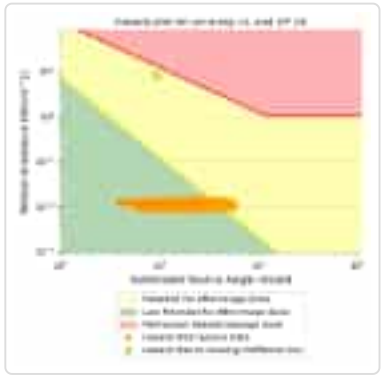
PV array 11: OP 58

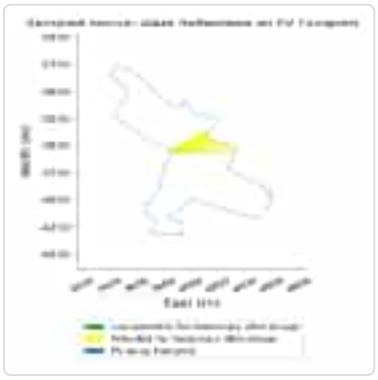
PV array is expected to produce the following glare for this receptor:

- 2,306 minutes of "green" glare with low potential to cause temporary after-image.
- 3,400 minutes of "yellow" glare with potential to cause temporary after-image.





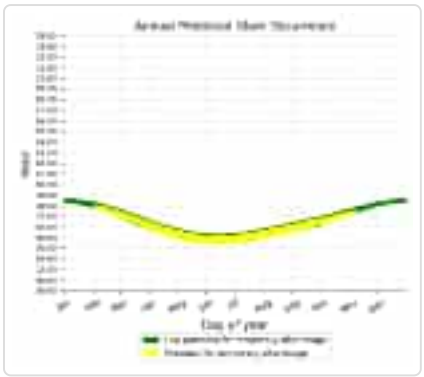


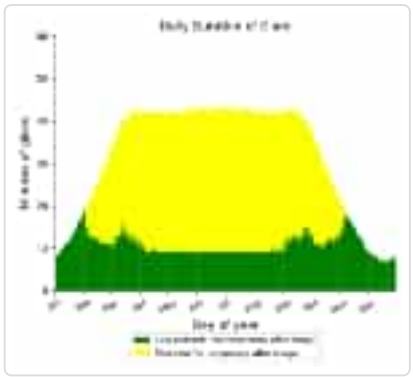


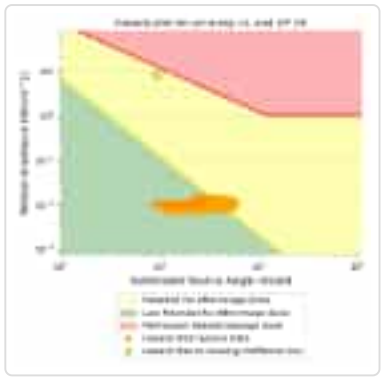
PV array 11: OP 59

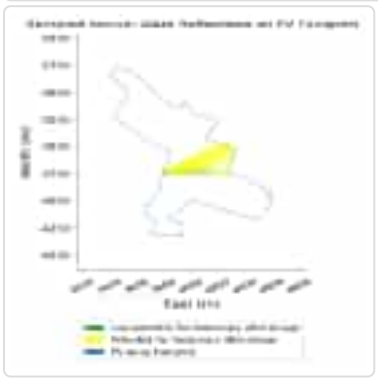
PV array is expected to produce the following glare for this receptor:

- 3,915 minutes of "green" glare with low potential to cause temporary after-image.
- 7,752 minutes of "yellow" glare with potential to cause temporary after-image.





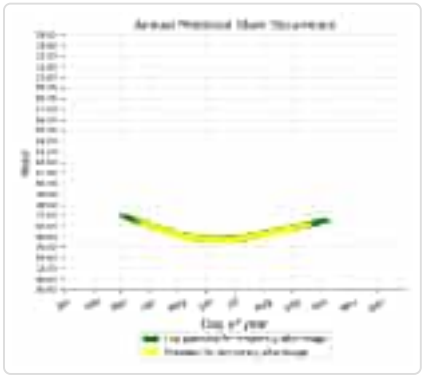


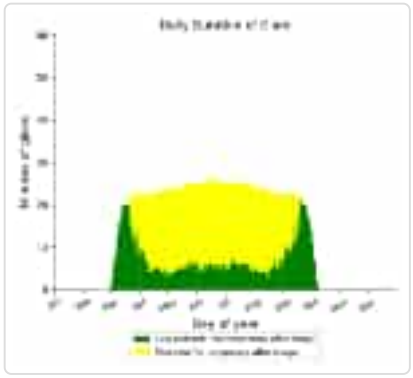


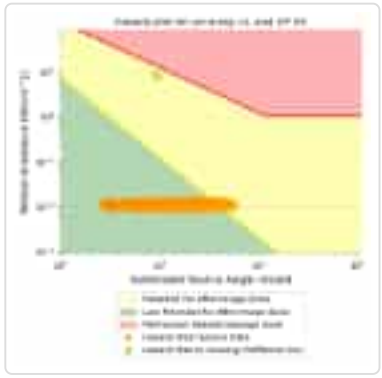
PV array 11: OP 60

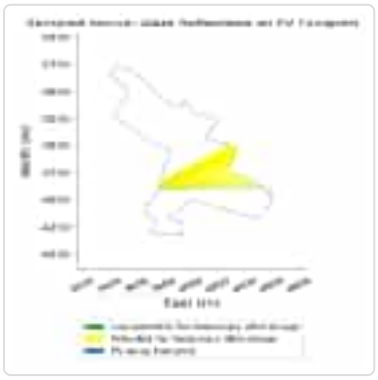
PV array is expected to produce the following glare for this receptor:

- 1,711 minutes of "green" glare with low potential to cause temporary after-image.
- 3,211 minutes of "yellow" glare with potential to cause temporary after-image.





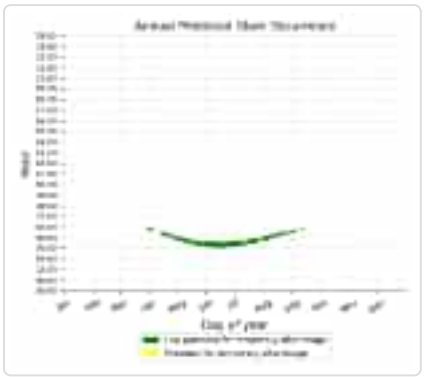


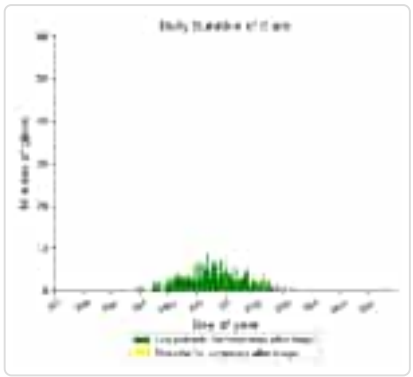


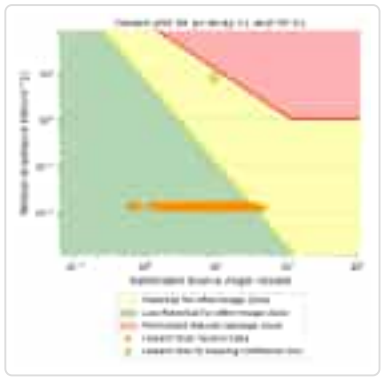
PV array 11: OP 61

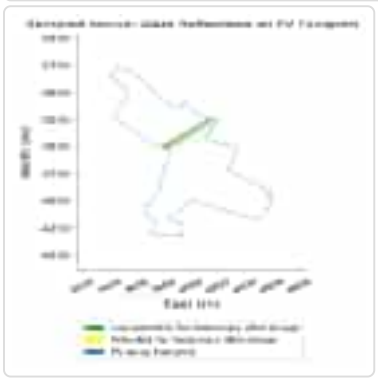
PV array is expected to produce the following glare for this receptor:

- 401 minutes of "green" glare with low potential to cause temporary after-image.
- 5 minutes of "yellow" glare with potential to cause temporary after-image.





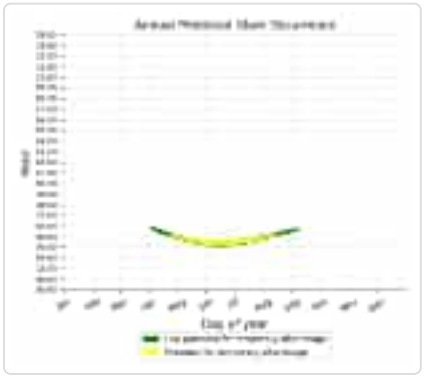


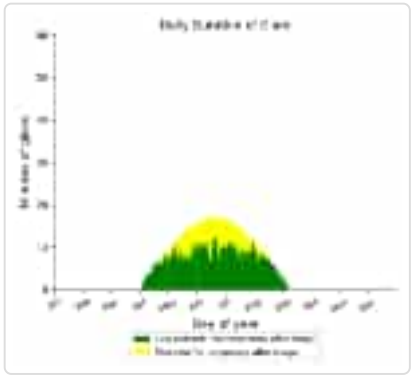


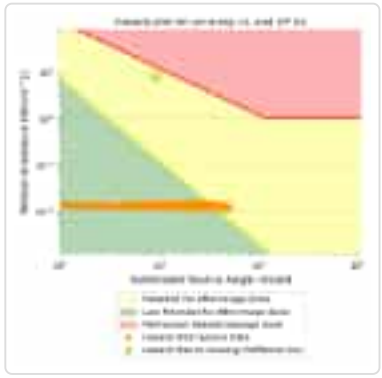
PV array 11: OP 62

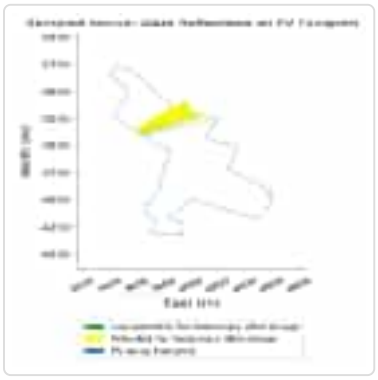
PV array is expected to produce the following glare for this receptor:

- 1,201 minutes of "green" glare with low potential to cause temporary after-image.
- 517 minutes of "yellow" glare with potential to cause temporary after-image.





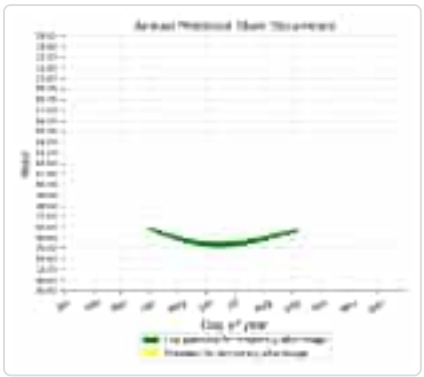


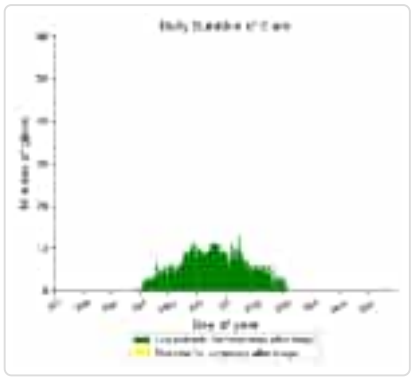


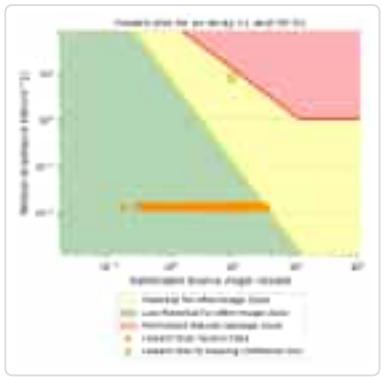
PV array 11: OP 63

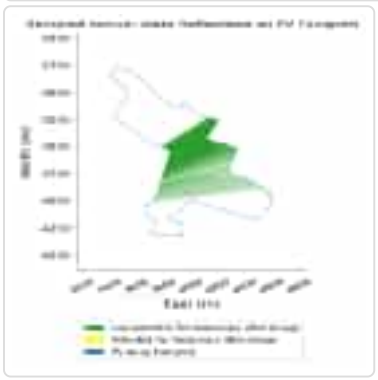
PV array is expected to produce the following glare for this receptor:

- 1,008 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





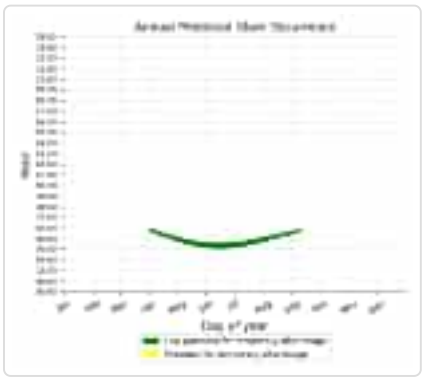


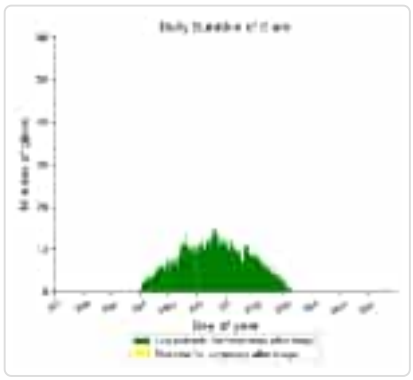


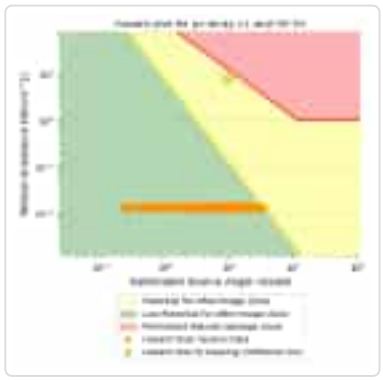
PV array 11: OP 64

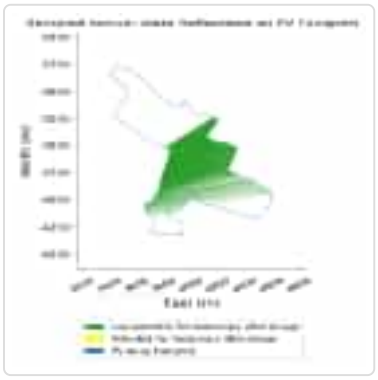
PV array is expected to produce the following glare for this receptor:

- 1,256 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





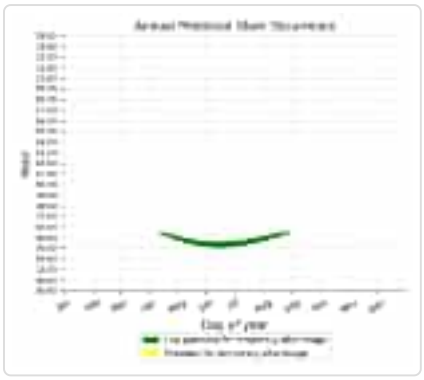


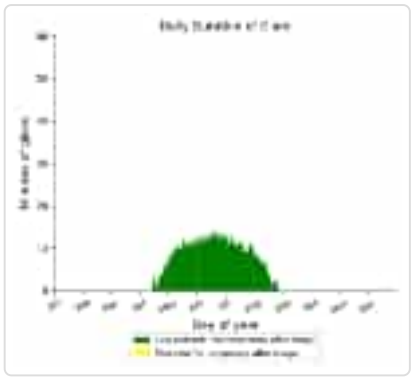


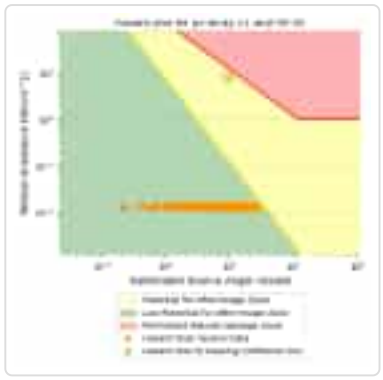
PV array 11: OP 65

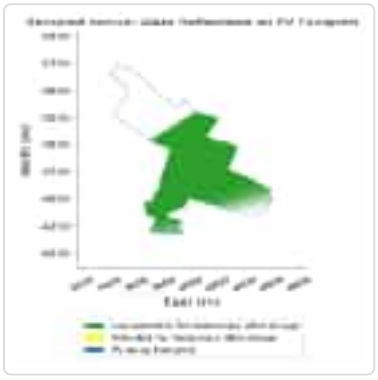
PV array is expected to produce the following glare for this receptor:

- 1,231 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





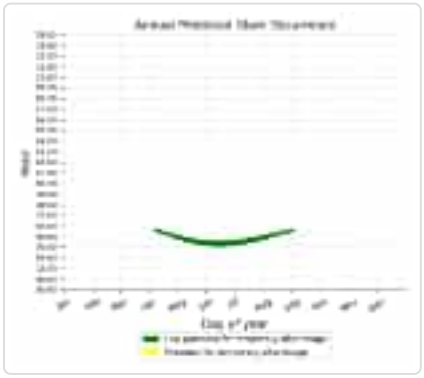


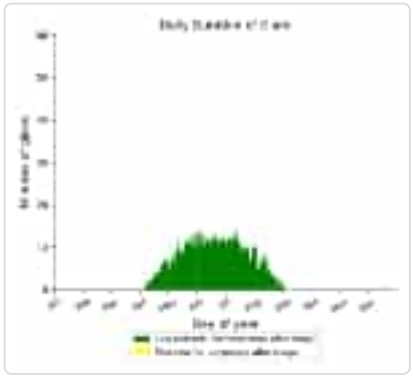


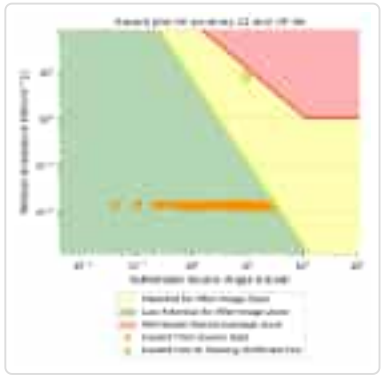
PV array 11: OP 66

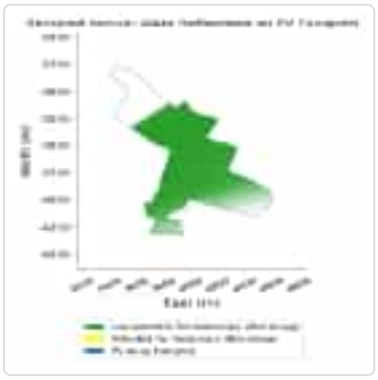
PV array is expected to produce the following glare for this receptor:

- 1,250 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





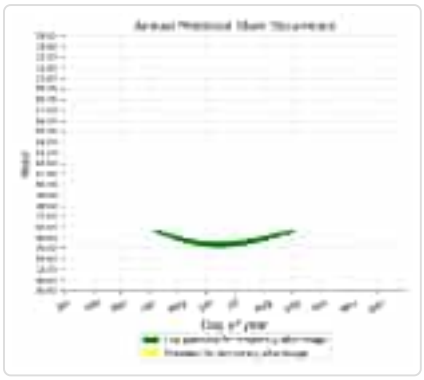


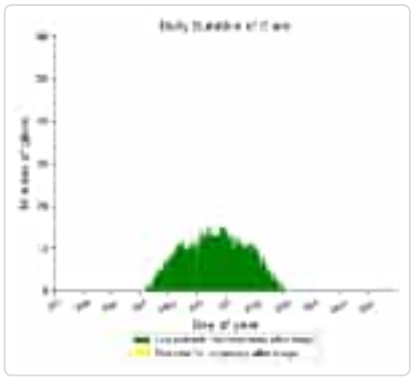


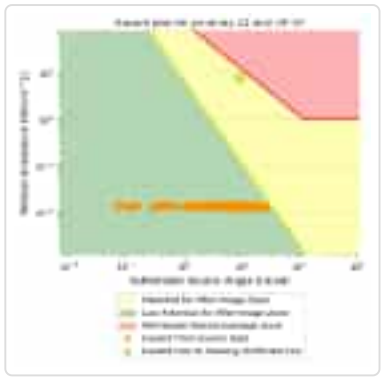
PV array 11: OP 67

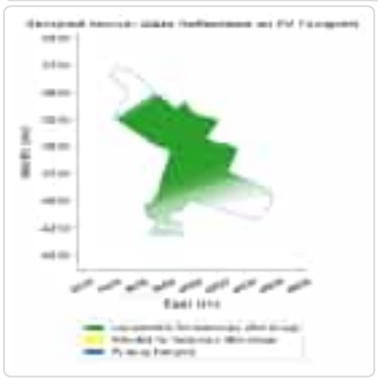
PV array is expected to produce the following glare for this receptor:

- 1,330 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





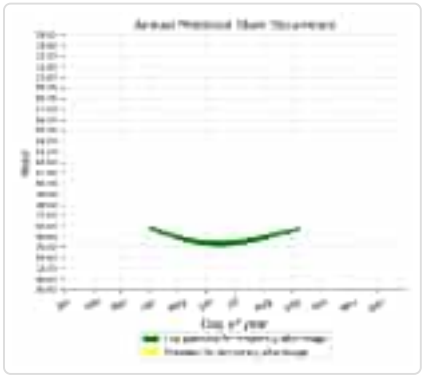


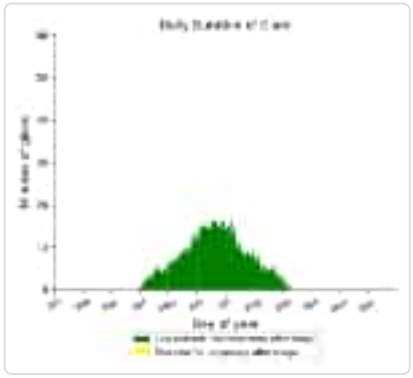


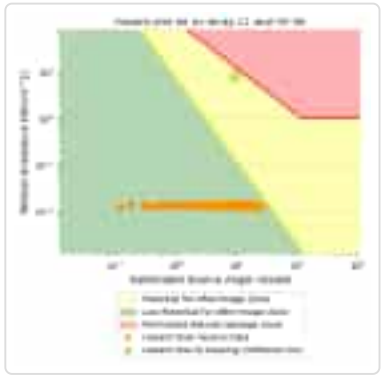
PV array 11: OP 68

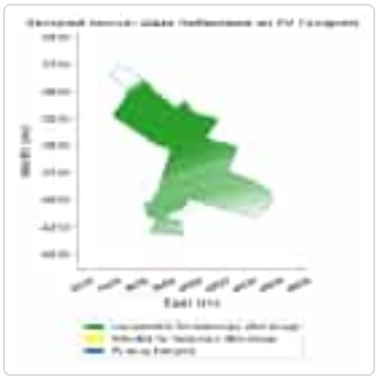
PV array is expected to produce the following glare for this receptor:

- 1,324 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





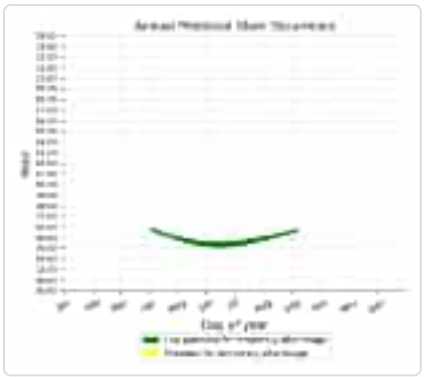


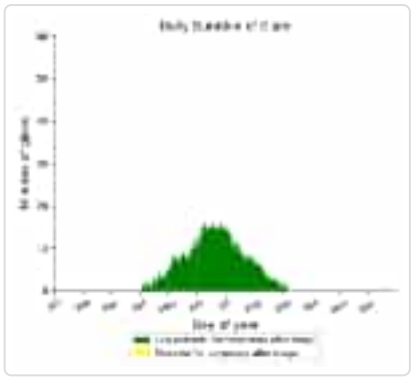


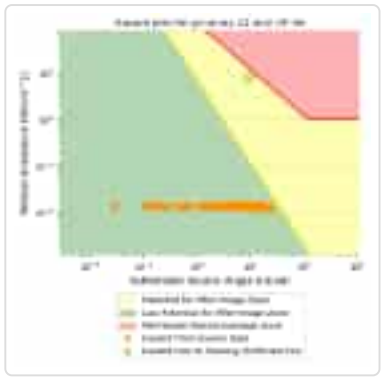
PV array 11: OP 69

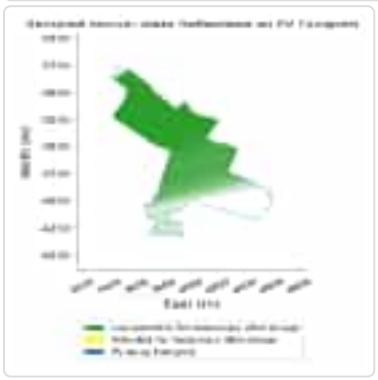
PV array is expected to produce the following glare for this receptor:

- 1,203 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





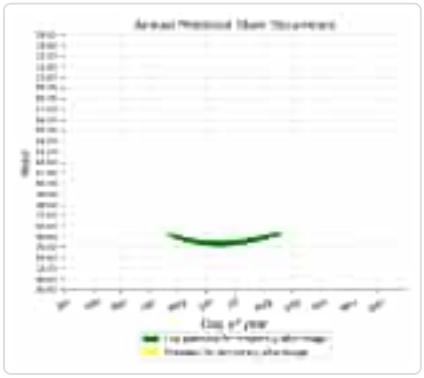


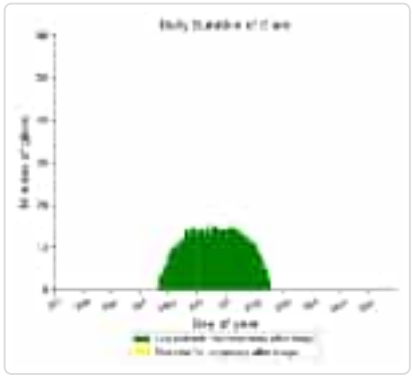


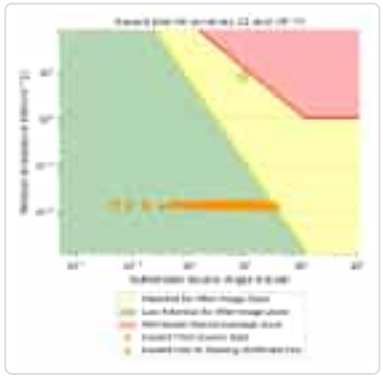
PV array 11: OP 70

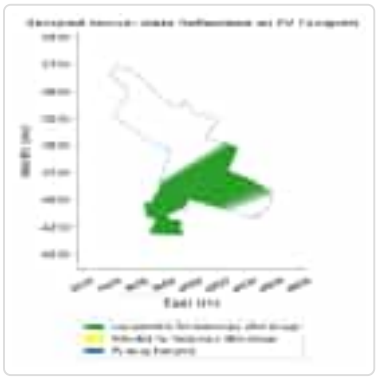
PV array is expected to produce the following glare for this receptor:

- 1,378 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





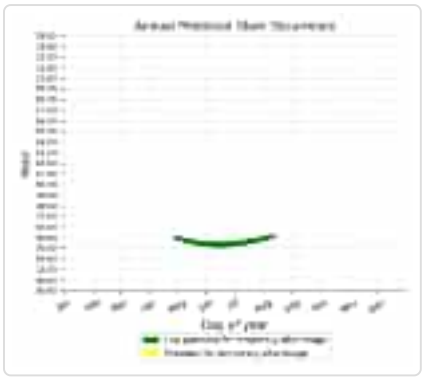


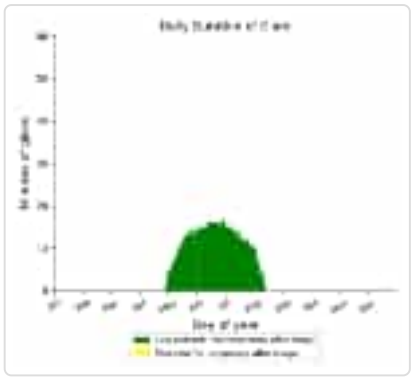


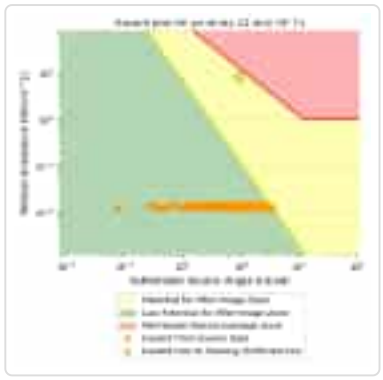
PV array 11: OP 71

PV array is expected to produce the following glare for this receptor:

- 1,274 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



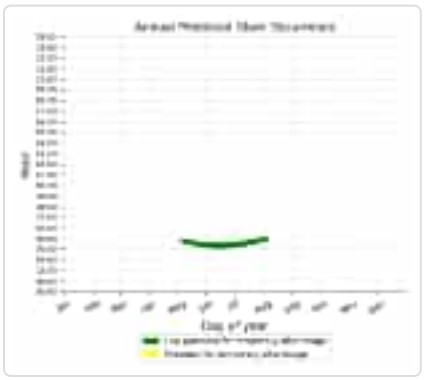


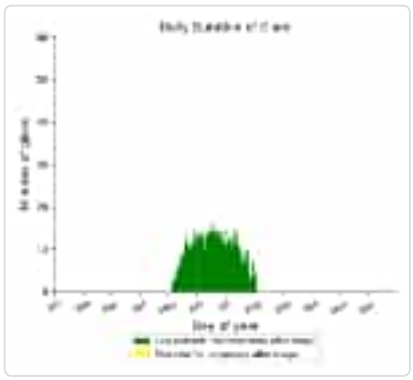


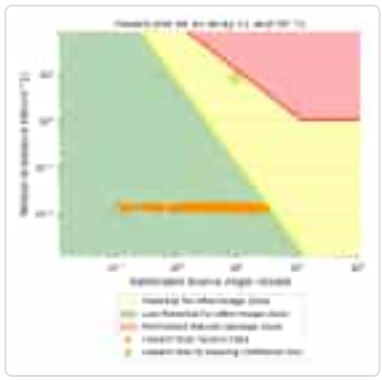
PV array 11: OP 72

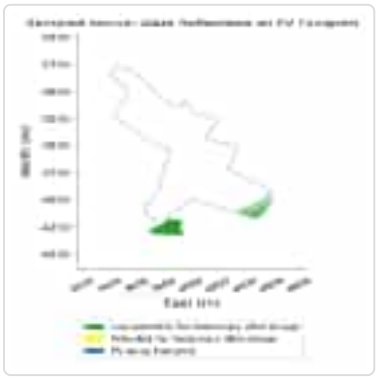
PV array is expected to produce the following glare for this receptor:

- 951 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 73

No glare found

PV array 11: OP 74

No glare found

PV array 11: OP 75

No glare found

PV array 11: OP 76

No glare found

PV array 11: OP 77

No glare found

PV array 11: OP 78

No glare found

PV array 11: OP 79

No glare found

PV array 12 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0

OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0

OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	272	0
OP: OP 65	773	0
OP: OP 66	819	0
OP: OP 67	708	0
OP: OP 68	530	0
OP: OP 69	571	0
OP: OP 70	708	0
OP: OP 71	713	0
OP: OP 72	1040	0
OP: OP 73	2152	0
OP: OP 74	1691	0
OP: OP 75	1683	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	740	0
OP: OP 79	360	0

PV array 12: OP 1

No glare found

PV array 12: OP 2

No glare found

PV array 12: OP 3

No glare found

PV array 12: OP 4

No glare found

PV array 12: OP 5

No glare found

PV array 12: OP 6

No glare found

PV array 12: OP 7

No glare found

PV array 12: OP 8

No glare found

PV array 12: OP 9

No glare found

PV array 12: OP 10

No glare found

PV array 12: OP 11

No glare found

PV array 12: OP 12

No glare found

PV array 12: OP 13

No glare found

PV array 12: OP 14

No glare found

PV array 12: OP 15

No glare found

PV array 12: OP 16

No glare found

PV array 12: OP 17

No glare found

PV array 12: OP 18

No glare found

PV array 12: OP 19

No glare found

PV array 12: OP 20

No glare found

PV array 12: OP 21

No glare found

PV array 12: OP 22

No glare found

PV array 12: OP 23

No glare found

PV array 12: OP 24

No glare found

PV array 12: OP 25

No glare found

PV array 12: OP 26

No glare found

PV array 12: OP 27

No glare found

PV array 12: OP 28

No glare found

PV array 12: OP 29

No glare found

PV array 12: OP 30

No glare found

PV array 12: OP 31

No glare found

PV array 12: OP 32

No glare found

PV array 12: OP 33

No glare found

PV array 12: OP 34

No glare found

PV array 12: OP 35

No glare found

PV array 12: OP 36

No glare found

PV array 12: OP 37

No glare found

PV array 12: OP 38

No glare found

PV array 12: OP 39

No glare found

PV array 12: OP 40

No glare found

PV array 12: OP 41

No glare found

PV array 12: OP 42

No glare found

PV array 12: OP 43

No glare found

PV array 12: OP 44

No glare found

PV array 12: OP 45

No glare found

PV array 12: OP 46

No glare found

PV array 12: OP 47

No glare found

PV array 12: OP 48

No glare found

PV array 12: OP 49

No glare found

PV array 12: OP 50

No glare found

PV array 12: OP 51

No glare found

PV array 12: OP 52

No glare found

PV array 12: OP 53

No glare found

PV array 12: OP 54

No glare found

PV array 12: OP 55

No glare found

PV array 12: OP 56

No glare found

PV array 12: OP 57

No glare found

PV array 12: OP 58

No glare found

PV array 12: OP 59

No glare found

PV array 12: OP 60

No glare found

PV array 12: OP 61

No glare found

PV array 12: OP 62

No glare found

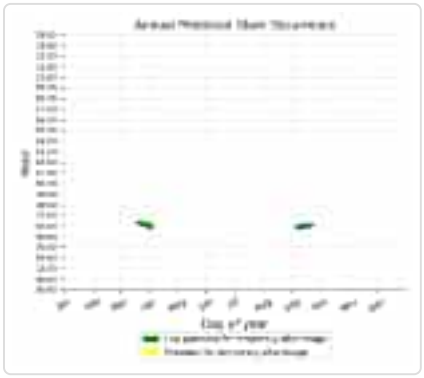
PV array 12: OP 63

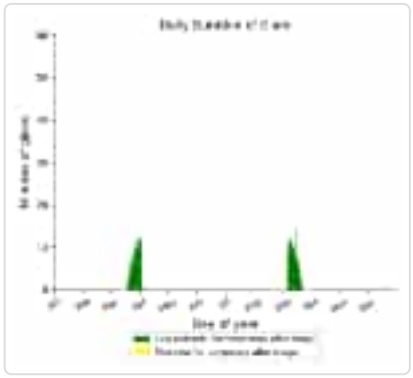
No glare found

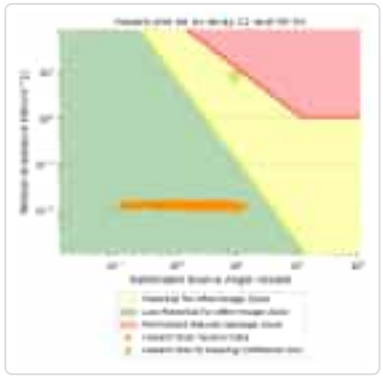
PV array 12: OP 64

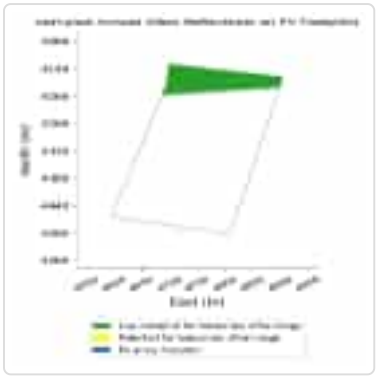
PV array is expected to produce the following glare for this receptor:

- 272 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





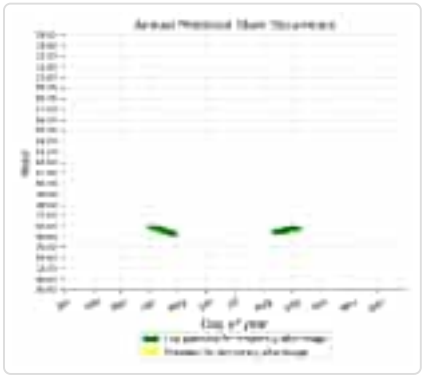


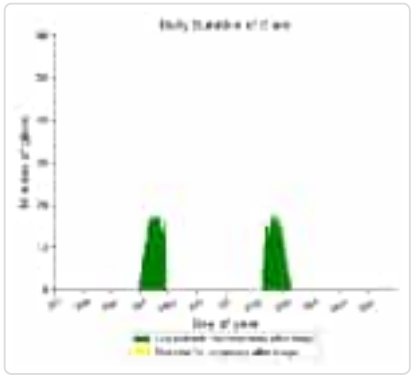


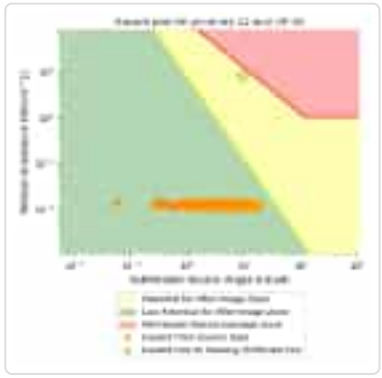
PV array 12: OP 65

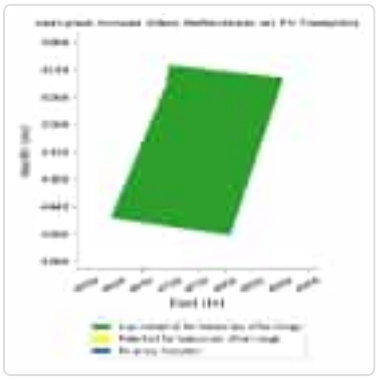
PV array is expected to produce the following glare for this receptor:

- 773 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





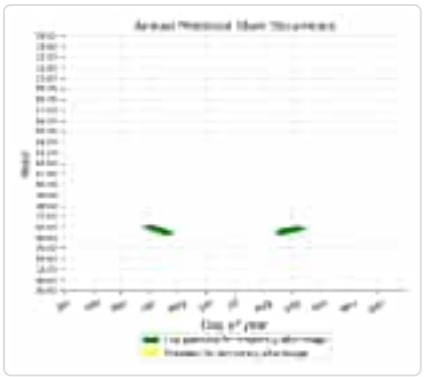


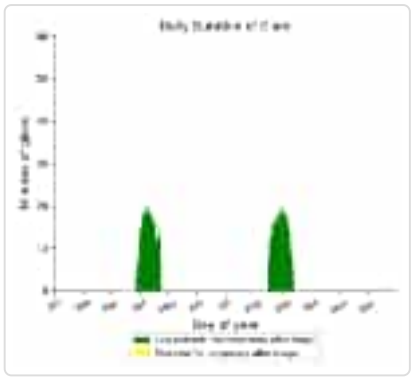


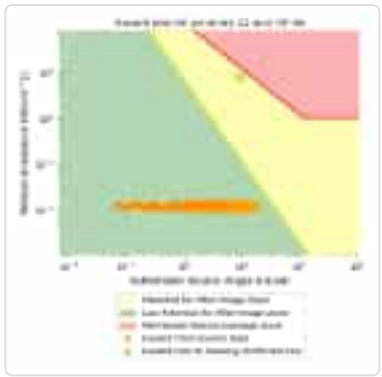
PV array 12: OP 66

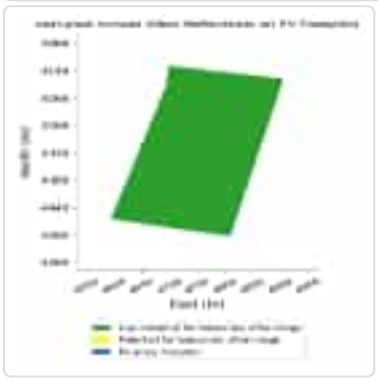
PV array is expected to produce the following glare for this receptor:

- 819 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





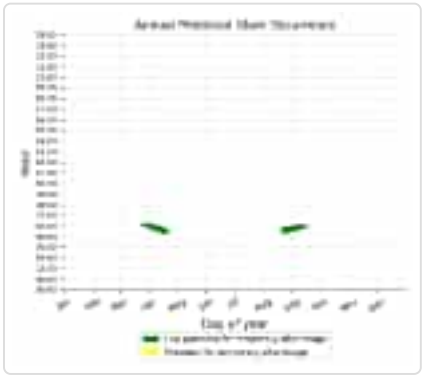


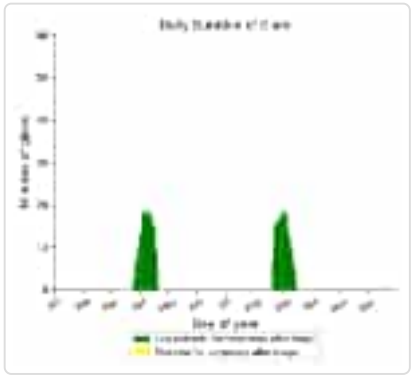


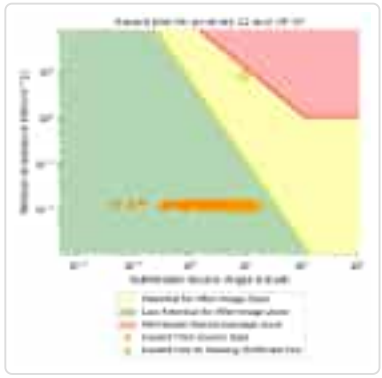
PV array 12: OP 67

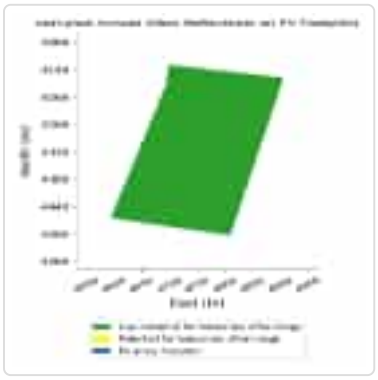
PV array is expected to produce the following glare for this receptor:

- 708 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





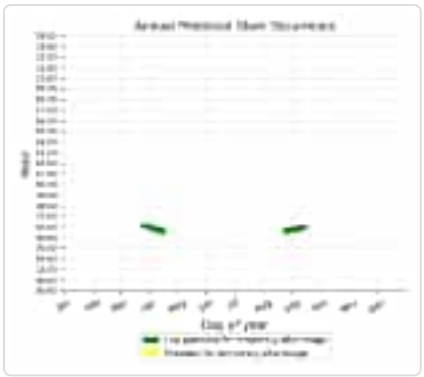


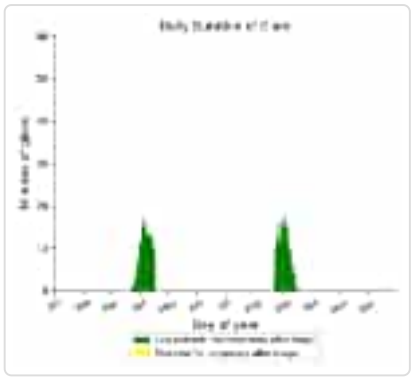


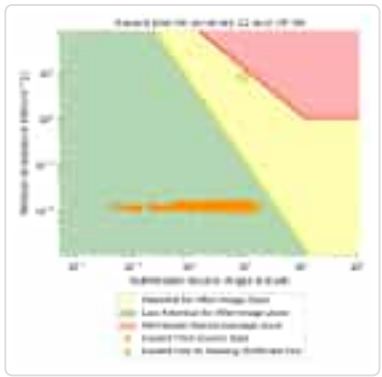
PV array 12: OP 68

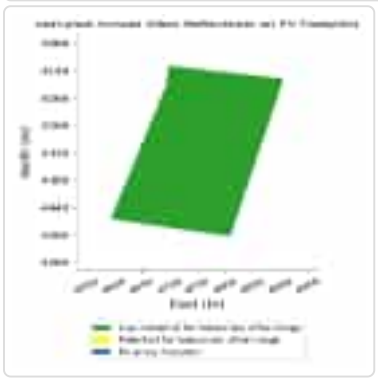
PV array is expected to produce the following glare for this receptor:

- 530 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





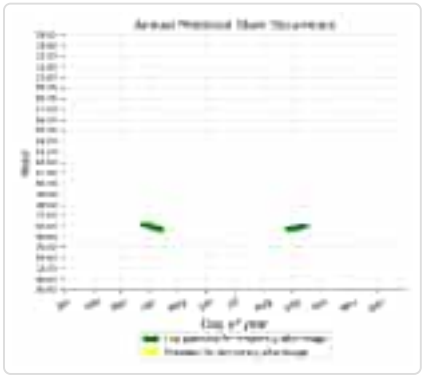


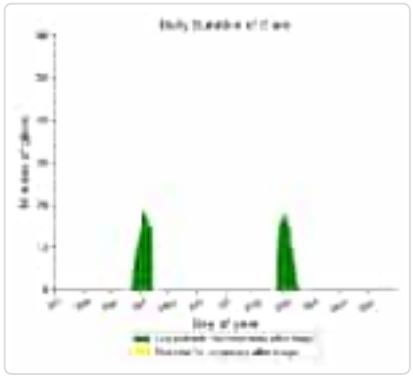


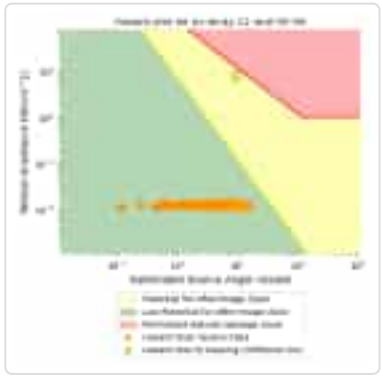
PV array 12: OP 69

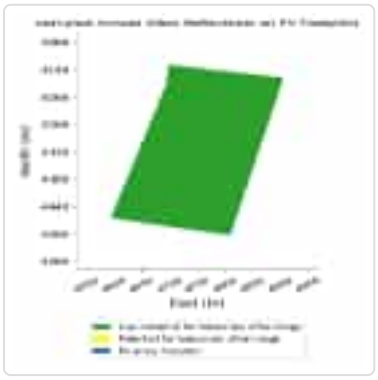
PV array is expected to produce the following glare for this receptor:

- 571 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





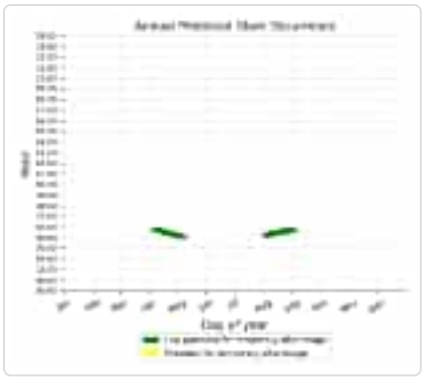


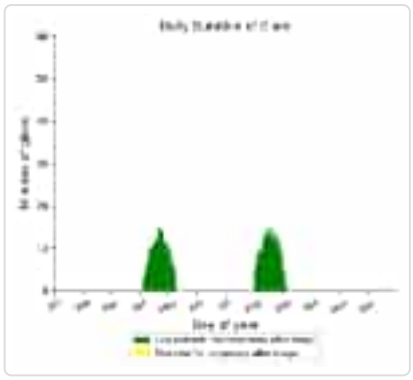


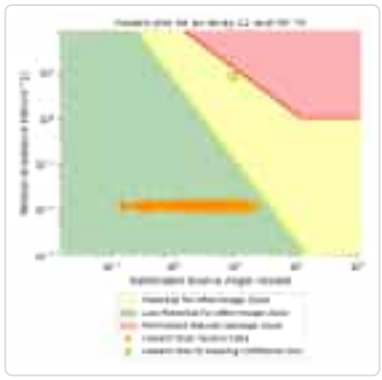
PV array 12: OP 70

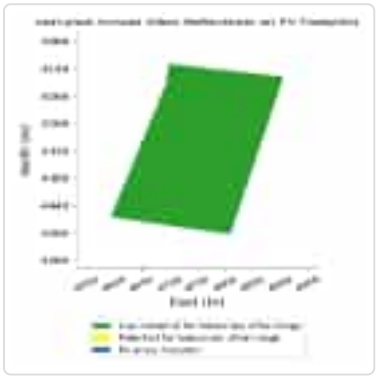
PV array is expected to produce the following glare for this receptor:

- 708 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





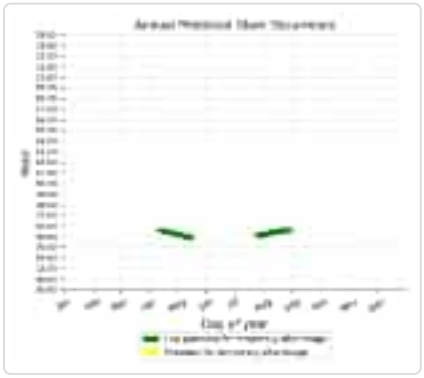


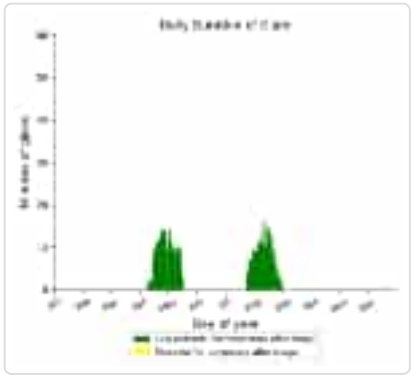


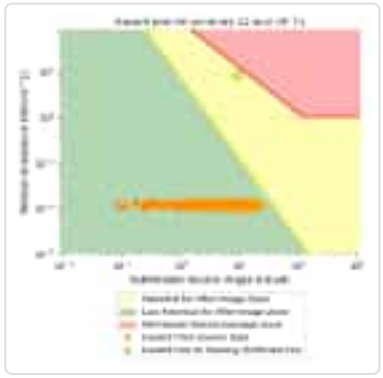
PV array 12: OP 71

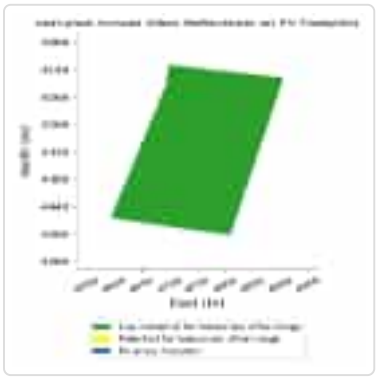
PV array is expected to produce the following glare for this receptor:

- 713 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





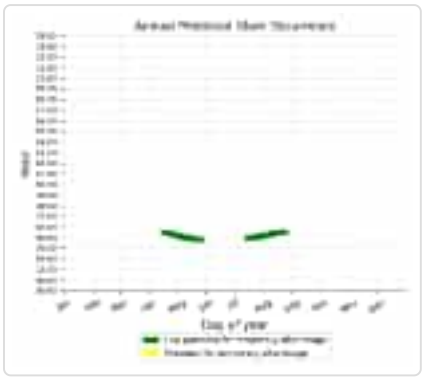


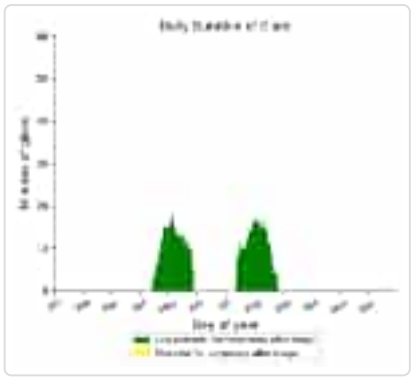


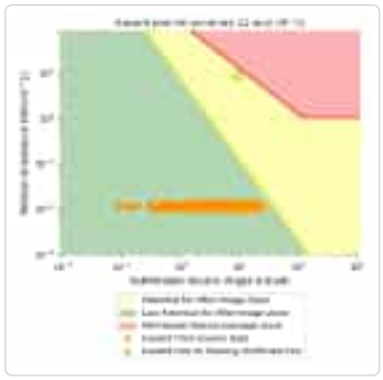
PV array 12: OP 72

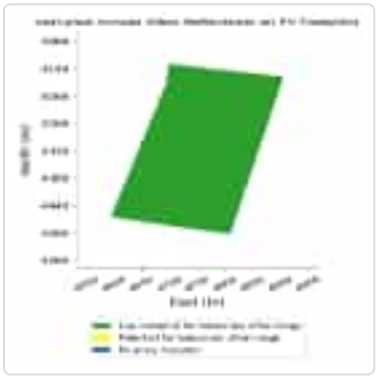
PV array is expected to produce the following glare for this receptor:

- 1,040 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





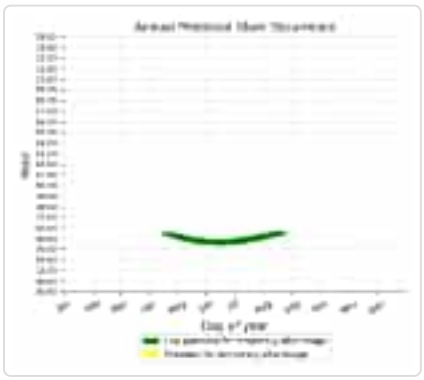


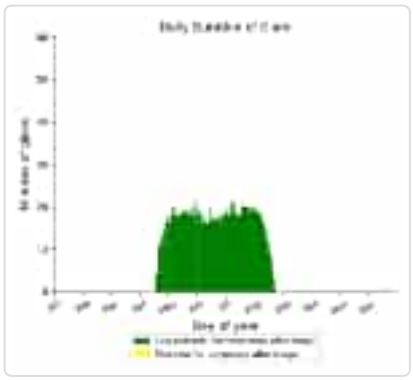


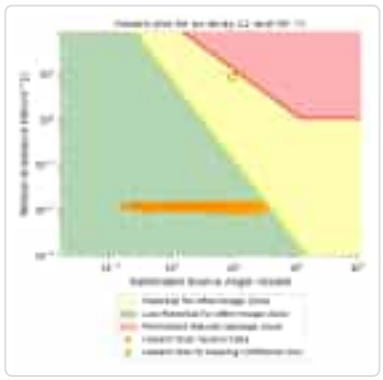
PV array 12: OP 73

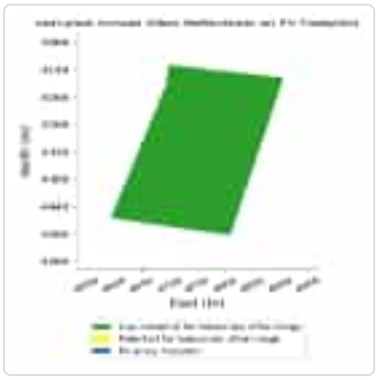
PV array is expected to produce the following glare for this receptor:

- 2,152 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





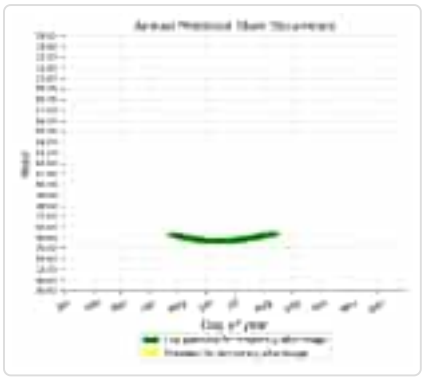


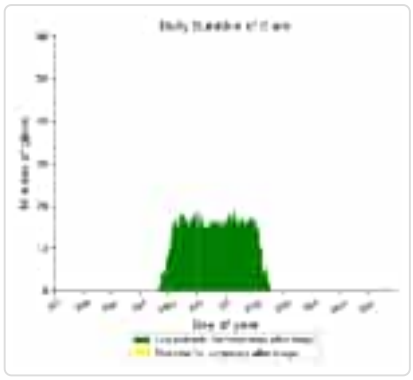


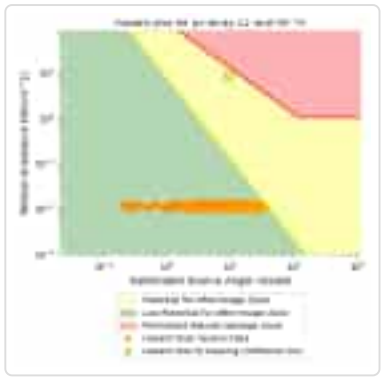
PV array 12: OP 74

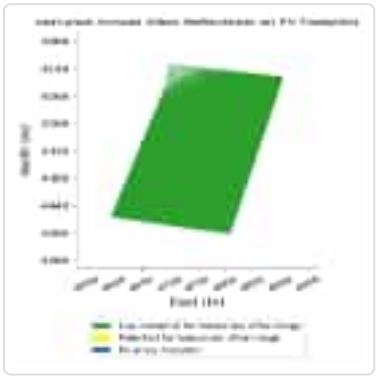
PV array is expected to produce the following glare for this receptor:

- 1,691 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





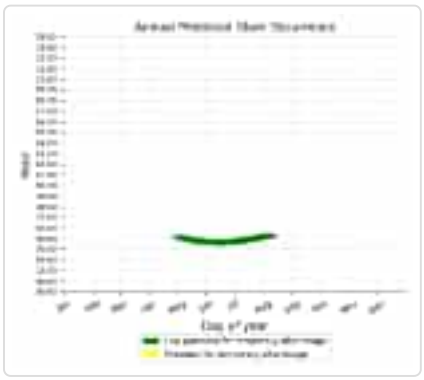


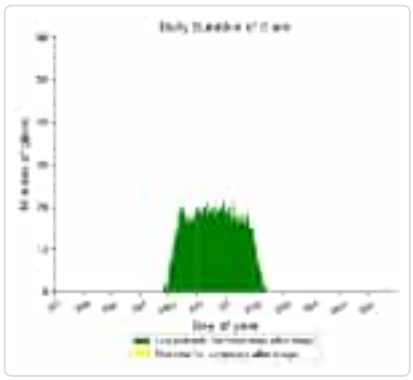


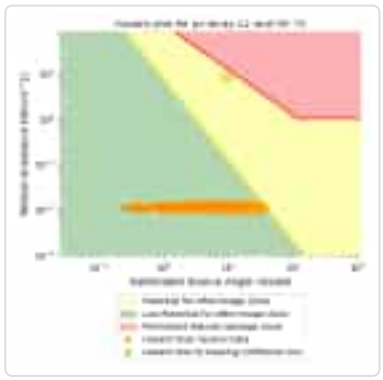
PV array 12: OP 75

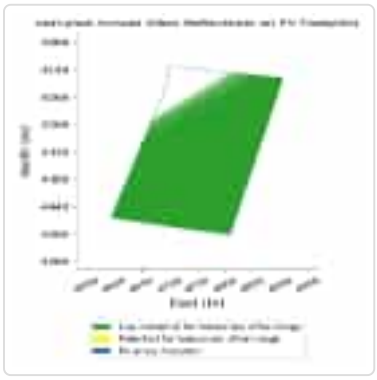
PV array is expected to produce the following glare for this receptor:

- 1,683 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12: OP 76

No glare found

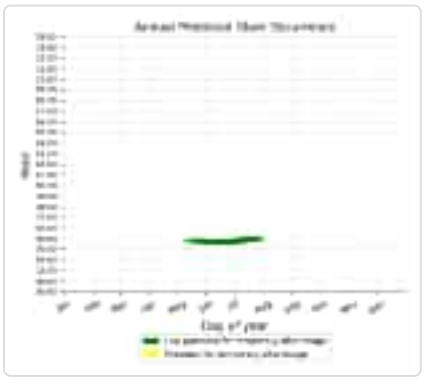
PV array 12: OP 77

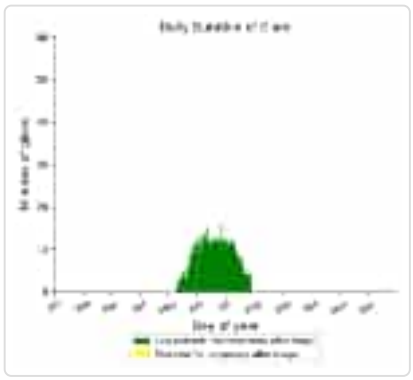
No glare found

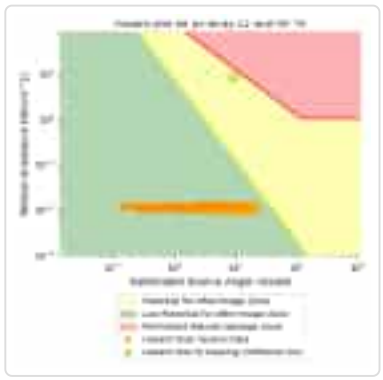
PV array 12: OP 78

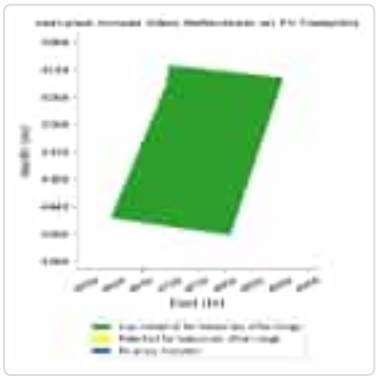
PV array is expected to produce the following glare for this receptor:

- 740 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





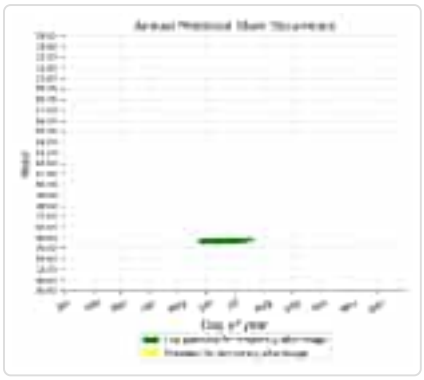


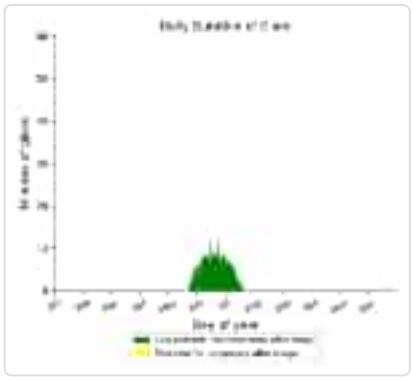


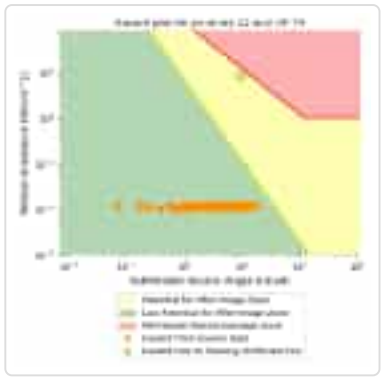
PV array 12: OP 79

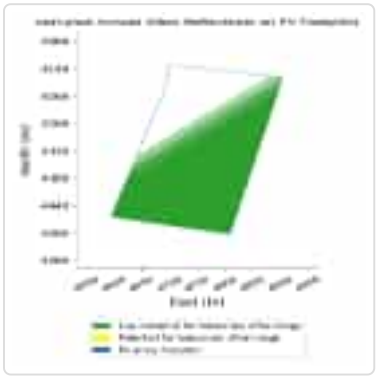
PV array is expected to produce the following glare for this receptor:

- 360 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 13 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)

OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0

OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	130	0
OP: OP 65	1872	2762
OP: OP 66	2139	4690
OP: OP 67	76631	50869
OP: OP 68	967	35008
OP: OP 69	21125	46092
OP: OP 70	18	0
OP: OP 71	0	0
OP: OP 72	3109	154
OP: OP 73	1965	0
OP: OP 74	1678	0
OP: OP 75	1486	0
OP: OP 76	1015	0
OP: OP 77	1160	0
OP: OP 78	2129	408
OP: OP 79	2263	8

PV array 13: OP 1

No glare found

PV array 13: OP 2

No glare found

PV array 13: OP 3

No glare found

PV array 13: OP 4

No glare found

PV array 13: OP 5

No glare found

PV array 13: OP 6

No glare found

PV array 13: OP 7

No glare found

PV array 13: OP 8

No glare found

PV array 13: OP 9

No glare found

PV array 13: OP 10

No glare found

PV array 13: OP 11

No glare found

PV array 13: OP 12

No glare found

PV array 13: OP 13

No glare found

PV array 13: OP 14

No glare found

PV array 13: OP 15

No glare found

PV array 13: OP 16

No glare found

PV array 13: OP 17

No glare found

PV array 13: OP 18

No glare found

PV array 13: OP 19

No glare found

PV array 13: OP 20

No glare found

PV array 13: OP 21

No glare found

PV array 13: OP 22

No glare found

PV array 13: OP 23

No glare found

PV array 13: OP 24

No glare found

PV array 13: OP 25

No glare found

PV array 13: OP 26

No glare found

PV array 13: OP 27

No glare found

PV array 13: OP 28

No glare found

PV array 13: OP 29

No glare found

PV array 13: OP 30

No glare found

PV array 13: OP 31

No glare found

PV array 13: OP 32

No glare found

PV array 13: OP 33

No glare found

PV array 13: OP 34

No glare found

PV array 13: OP 35

No glare found

PV array 13: OP 36

No glare found

PV array 13: OP 37

No glare found

PV array 13: OP 38

No glare found

PV array 13: OP 39

No glare found

PV array 13: OP 40

No glare found

PV array 13: OP 41

No glare found

PV array 13: OP 42

No glare found

PV array 13: OP 43

No glare found

PV array 13: OP 44

No glare found

PV array 13: OP 45

No glare found

PV array 13: OP 46

No glare found

PV array 13: OP 47

No glare found

PV array 13: OP 48

No glare found

PV array 13: OP 49

No glare found

PV array 13: OP 50

No glare found

PV array 13: OP 51

No glare found

PV array 13: OP 52

No glare found

PV array 13: OP 53

No glare found

PV array 13: OP 54

No glare found

PV array 13: OP 55

No glare found

PV array 13: OP 56

No glare found

PV array 13: OP 57

No glare found

PV array 13: OP 58

No glare found

PV array 13: OP 59

No glare found

PV array 13: OP 60

No glare found

PV array 13: OP 61

No glare found

PV array 13: OP 62

No glare found

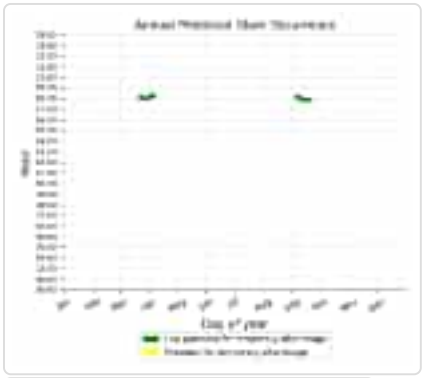
PV array 13: OP 63

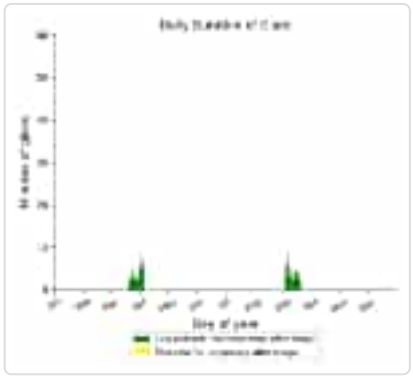
No glare found

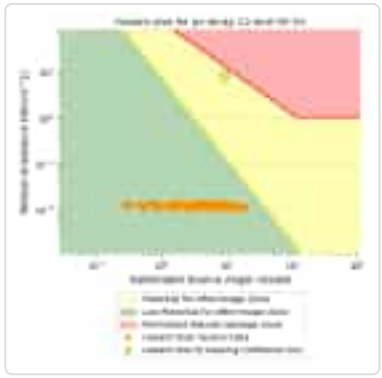
PV array 13: OP 64

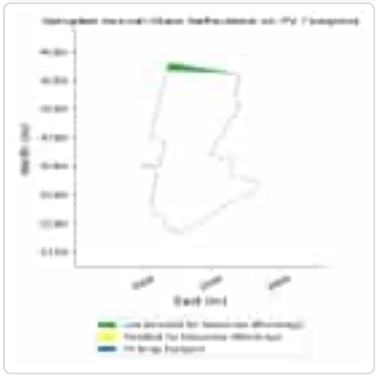
PV array is expected to produce the following glare for this receptor:

- 130 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





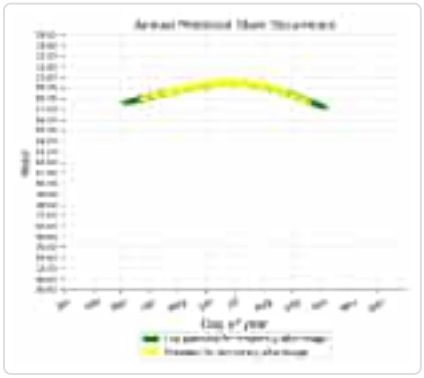


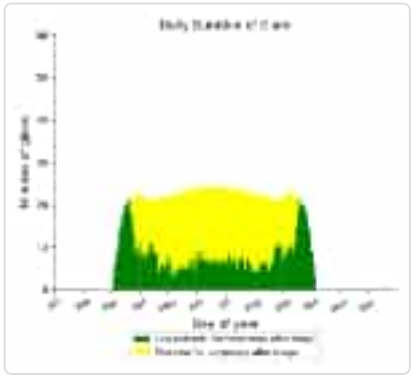


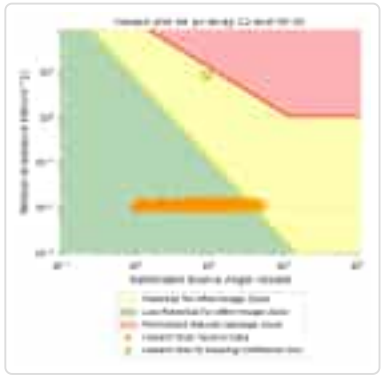
PV array 13: OP 65

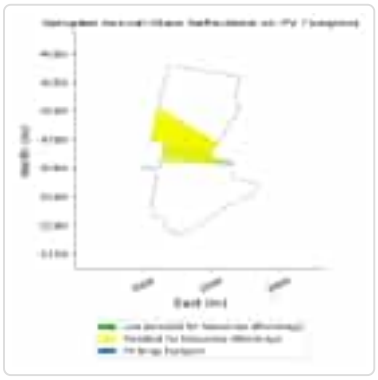
PV array is expected to produce the following glare for this receptor:

- 1,872 minutes of "green" glare with low potential to cause temporary after-image.
- 2,762 minutes of "yellow" glare with potential to cause temporary after-image.





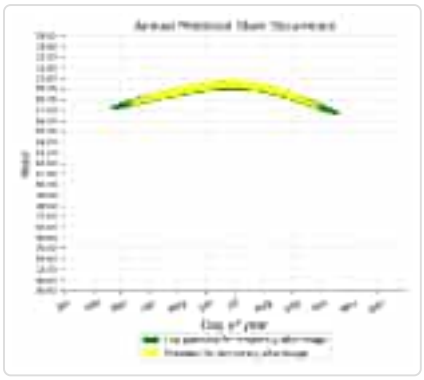


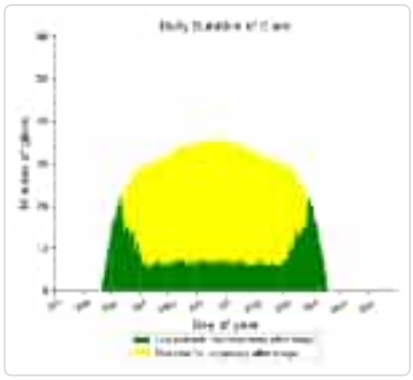


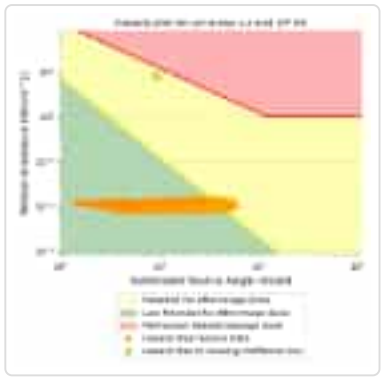
PV array 13: OP 66

PV array is expected to produce the following glare for this receptor:

- 2,139 minutes of "green" glare with low potential to cause temporary after-image.
- 4,690 minutes of "yellow" glare with potential to cause temporary after-image.



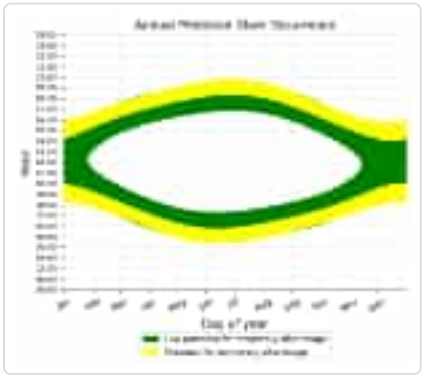


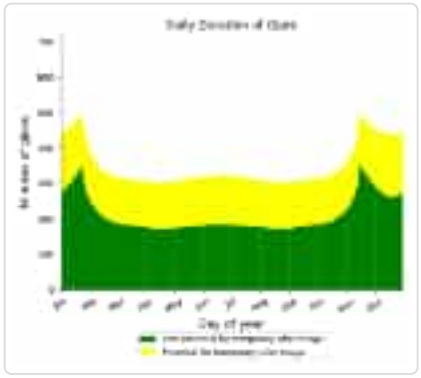


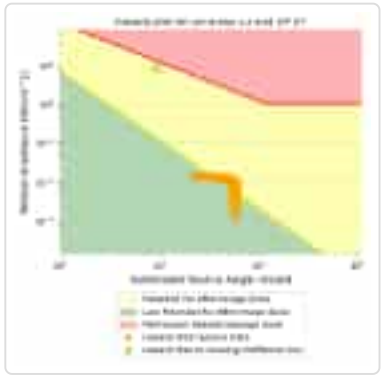
PV array 13: OP 67

PV array is expected to produce the following glare for this receptor:

- 76,631 minutes of "green" glare with low potential to cause temporary after-image.
- 50,869 minutes of "yellow" glare with potential to cause temporary after-image.



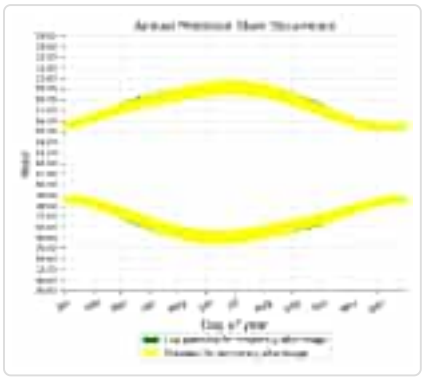


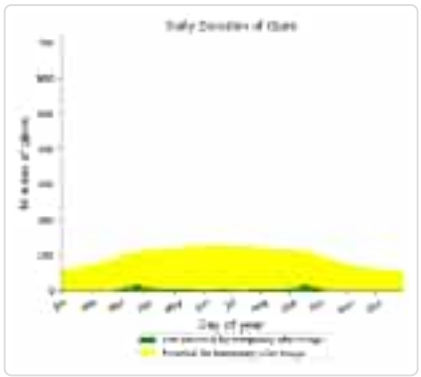


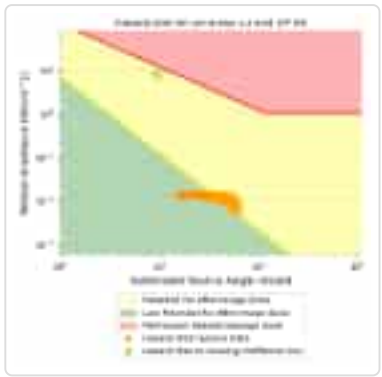
PV array 13: OP 68

PV array is expected to produce the following glare for this receptor:

- 967 minutes of "green" glare with low potential to cause temporary after-image.
- 35,008 minutes of "yellow" glare with potential to cause temporary after-image.



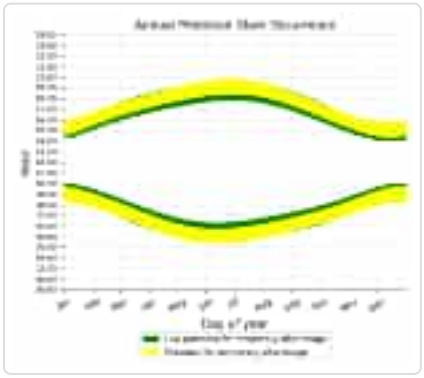


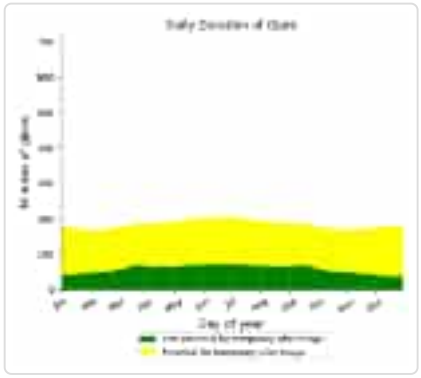


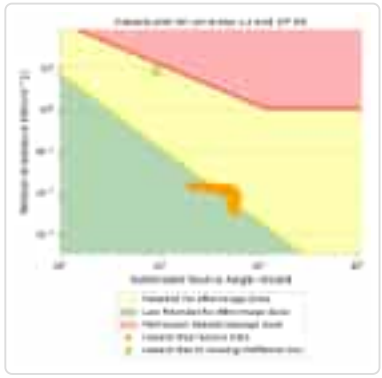
PV array 13: OP 69

PV array is expected to produce the following glare for this receptor:

- 21,125 minutes of "green" glare with low potential to cause temporary after-image.
- 46,092 minutes of "yellow" glare with potential to cause temporary after-image.



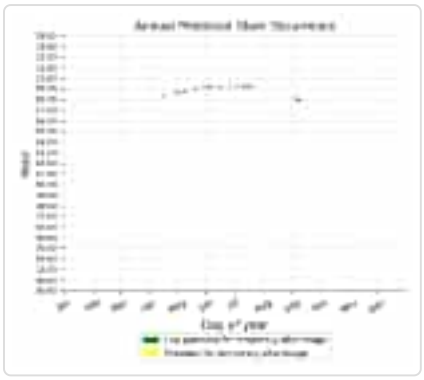


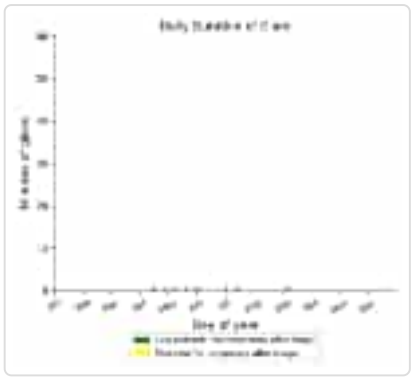


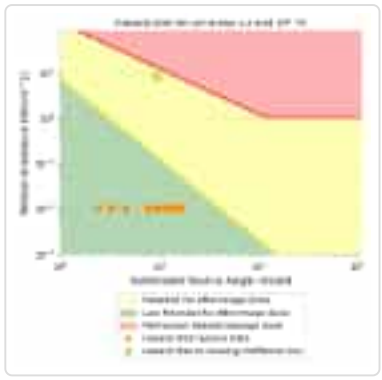
PV array 13: OP 70

PV array is expected to produce the following glare for this receptor:

- 18 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







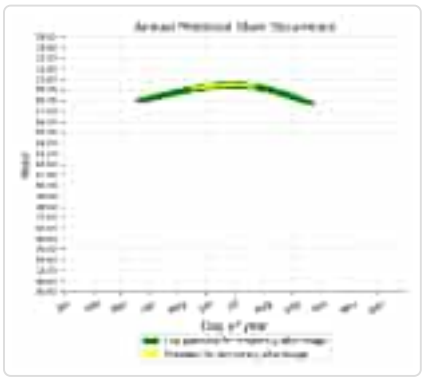
PV array 13: OP 71

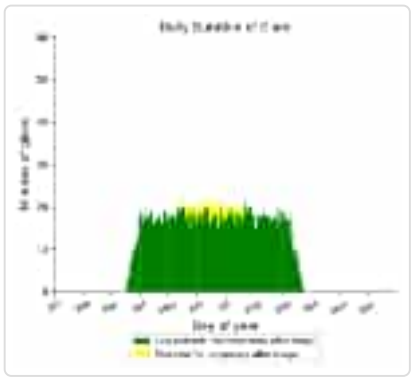
No glare found

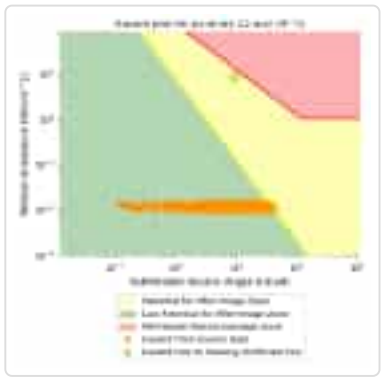
PV array 13: OP 72

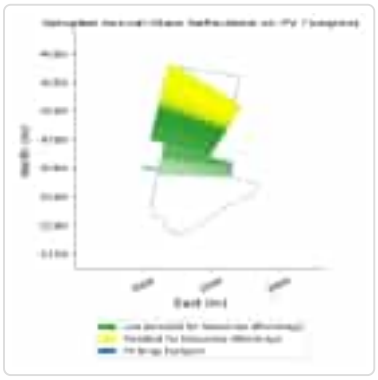
PV array is expected to produce the following glare for this receptor:

- 3,109 minutes of "green" glare with low potential to cause temporary after-image.
- 154 minutes of "yellow" glare with potential to cause temporary after-image.





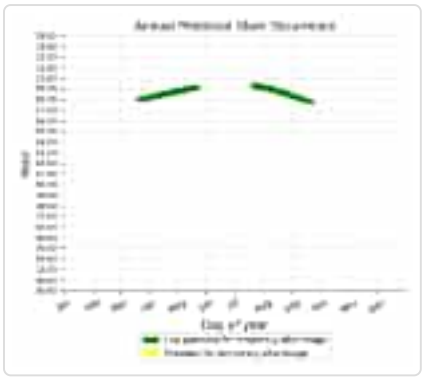


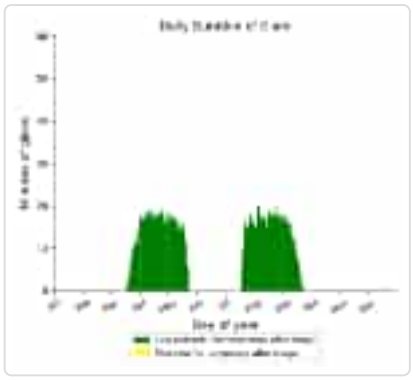


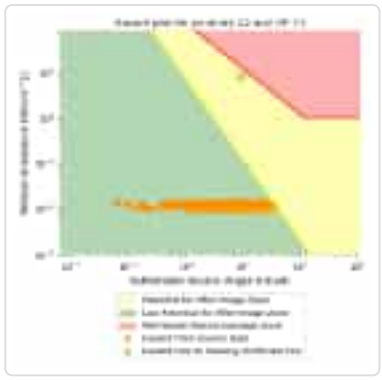
PV array 13: OP 73

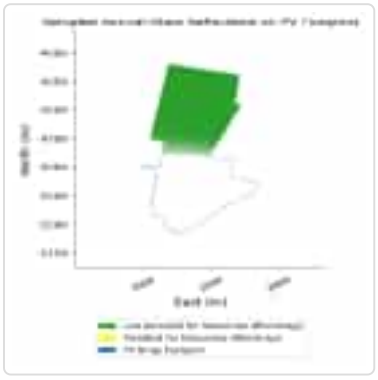
PV array is expected to produce the following glare for this receptor:

- 1,965 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





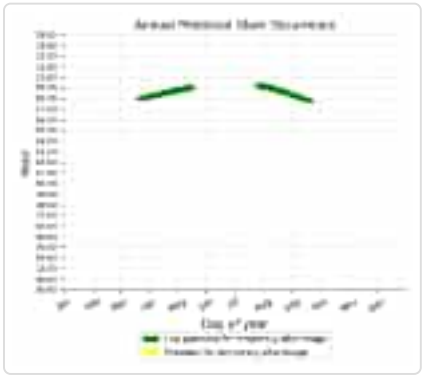


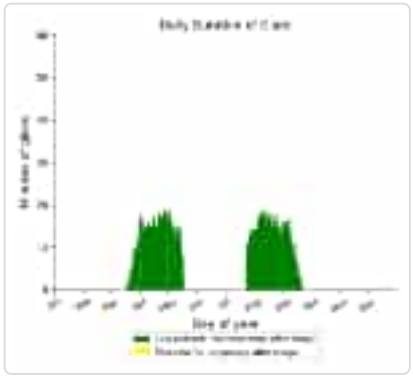


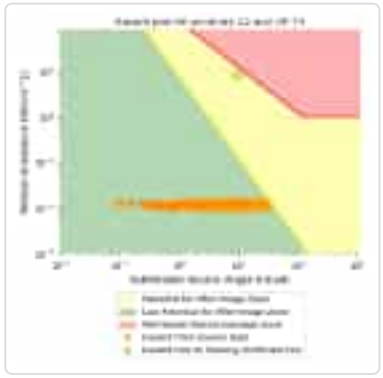
PV array 13: OP 74

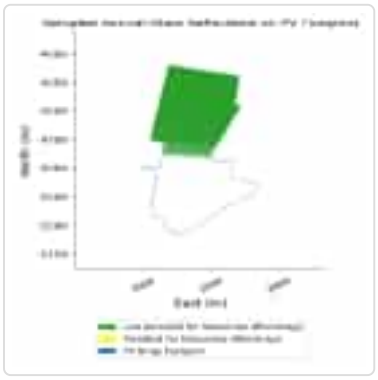
PV array is expected to produce the following glare for this receptor:

- 1,678 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





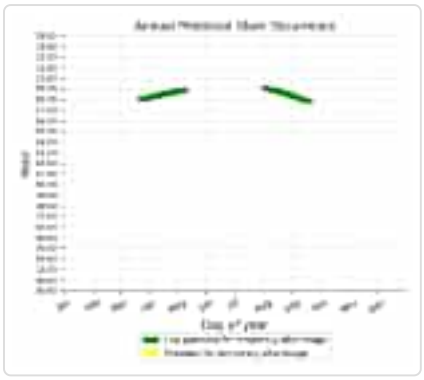


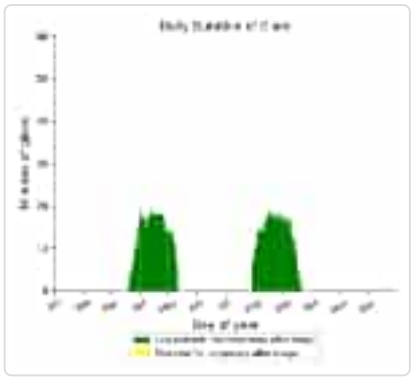


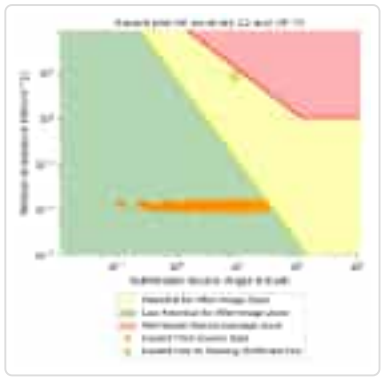
PV array 13: OP 75

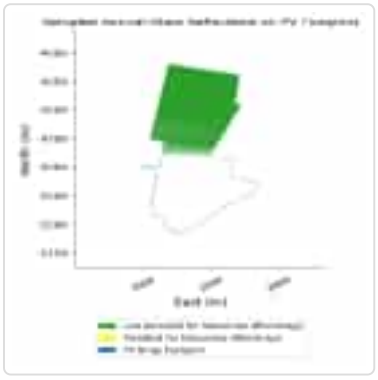
PV array is expected to produce the following glare for this receptor:

- 1,486 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





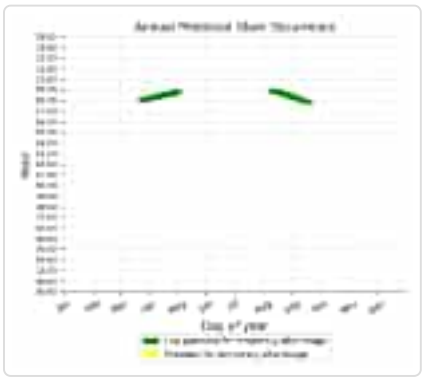


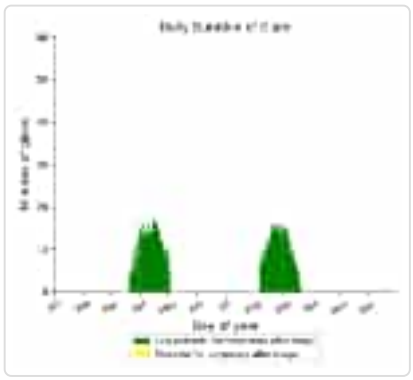


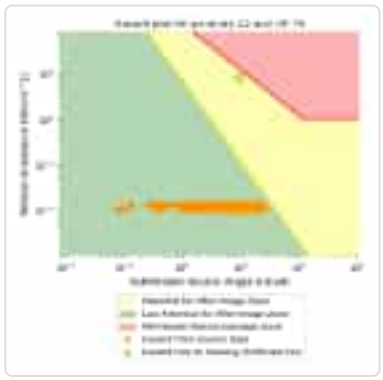
PV array 13: OP 76

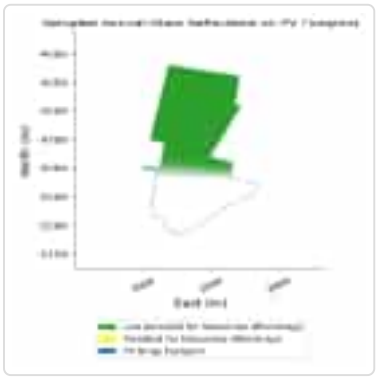
PV array is expected to produce the following glare for this receptor:

- 1,015 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





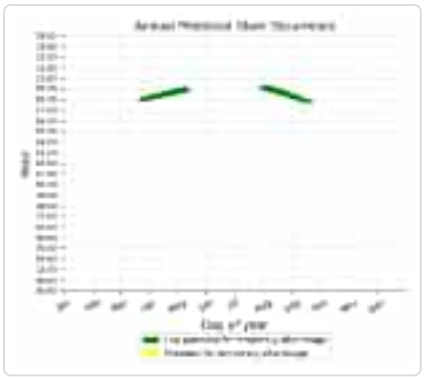


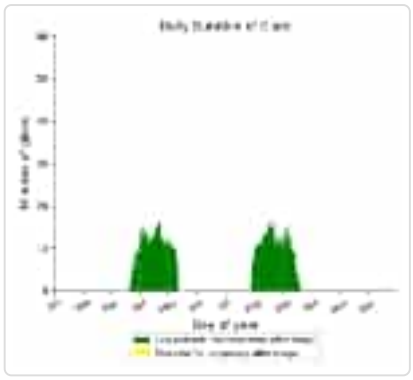


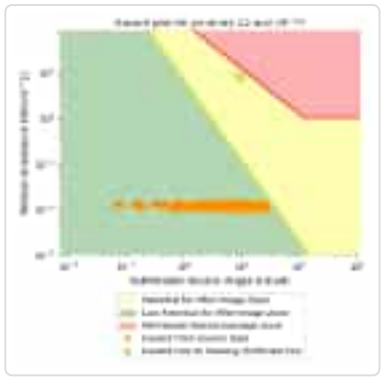
PV array 13: OP 77

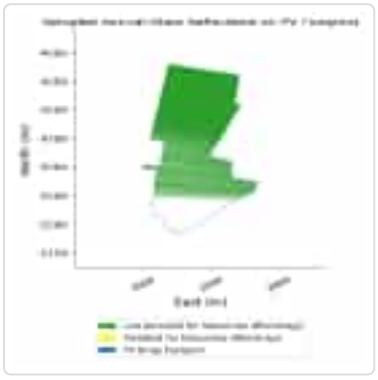
PV array is expected to produce the following glare for this receptor:

- 1,160 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





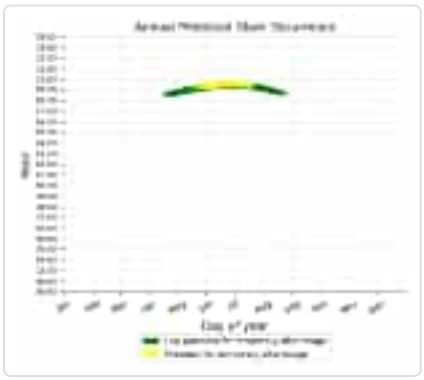


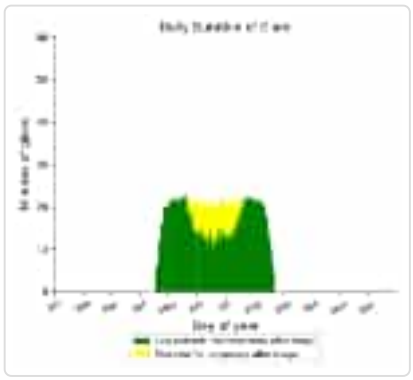


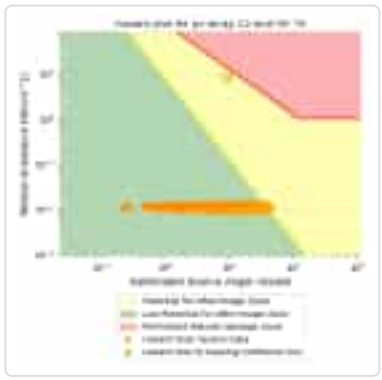
PV array 13: OP 78

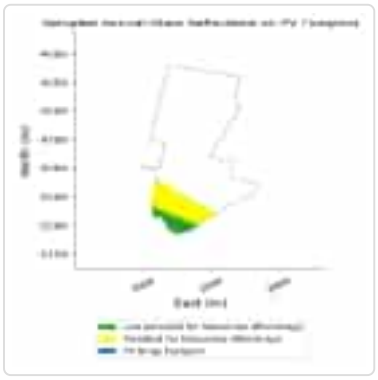
PV array is expected to produce the following glare for this receptor:

- 2,129 minutes of "green" glare with low potential to cause temporary after-image.
- 408 minutes of "yellow" glare with potential to cause temporary after-image.





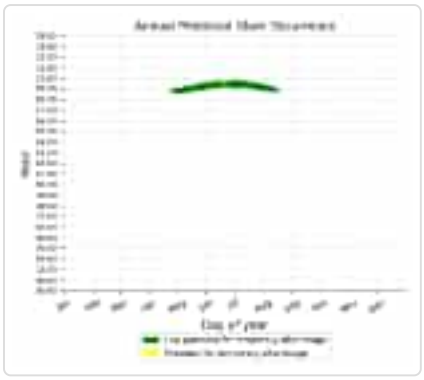


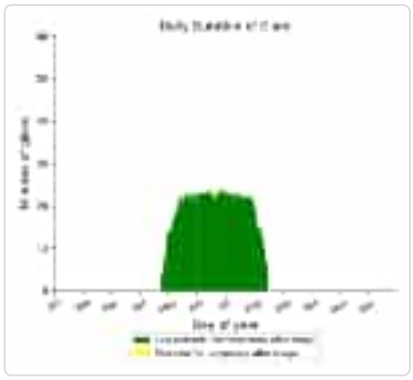


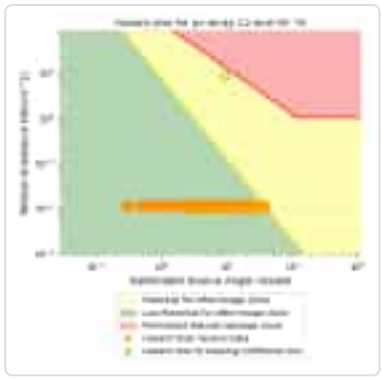
PV array 13: OP 79

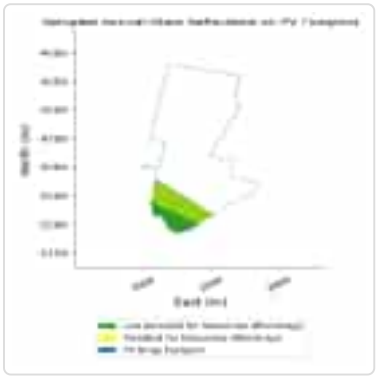
PV array is expected to produce the following glare for this receptor:

- 2,263 minutes of "green" glare with low potential to cause temporary after-image.
- 8 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)

OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0

OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	1531	219
OP: OP 64	2980	714
OP: OP 65	1927	240
OP: OP 66	2558	396
OP: OP 67	2826	0
OP: OP 68	0	0
OP: OP 69	51	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	151	0
OP: OP 73	2606	0
OP: OP 74	2503	0
OP: OP 75	2456	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

PV array 14: OP 1

No glare found

PV array 14: OP 2

No glare found

PV array 14: OP 3

No glare found

PV array 14: OP 4

No glare found

PV array 14: OP 5

No glare found

PV array 14: OP 6

No glare found

PV array 14: OP 7

No glare found

PV array 14: OP 8

No glare found

PV array 14: OP 9

No glare found

PV array 14: OP 10

No glare found

PV array 14: OP 11

No glare found

PV array 14: OP 12

No glare found

PV array 14: OP 13

No glare found

PV array 14: OP 14

No glare found

PV array 14: OP 15

No glare found

PV array 14: OP 16

No glare found

PV array 14: OP 17

No glare found

PV array 14: OP 18

No glare found

PV array 14: OP 19

No glare found

PV array 14: OP 20

No glare found

PV array 14: OP 21

No glare found

PV array 14: OP 22

No glare found

PV array 14: OP 23

No glare found

PV array 14: OP 24

No glare found

PV array 14: OP 25

No glare found

PV array 14: OP 26

No glare found

PV array 14: OP 27

No glare found

PV array 14: OP 28

No glare found

PV array 14: OP 29

No glare found

PV array 14: OP 30

No glare found

PV array 14: OP 31

No glare found

PV array 14: OP 32

No glare found

PV array 14: OP 33

No glare found

PV array 14: OP 34

No glare found

PV array 14: OP 35

No glare found

PV array 14: OP 36

No glare found

PV array 14: OP 37

No glare found

PV array 14: OP 38

No glare found

PV array 14: OP 39

No glare found

PV array 14: OP 40

No glare found

PV array 14: OP 41

No glare found

PV array 14: OP 42

No glare found

PV array 14: OP 43

No glare found

PV array 14: OP 44

No glare found

PV array 14: OP 45

No glare found

PV array 14: OP 46

No glare found

PV array 14: OP 47

No glare found

PV array 14: OP 48

No glare found

PV array 14: OP 49

No glare found

PV array 14: OP 50

No glare found

PV array 14: OP 51

No glare found

PV array 14: OP 52

No glare found

PV array 14: OP 53

No glare found

PV array 14: OP 54

No glare found

PV array 14: OP 55

No glare found

PV array 14: OP 56

No glare found

PV array 14: OP 57

No glare found

PV array 14: OP 58

No glare found

PV array 14: OP 59

No glare found

PV array 14: OP 60

No glare found

PV array 14: OP 61

No glare found

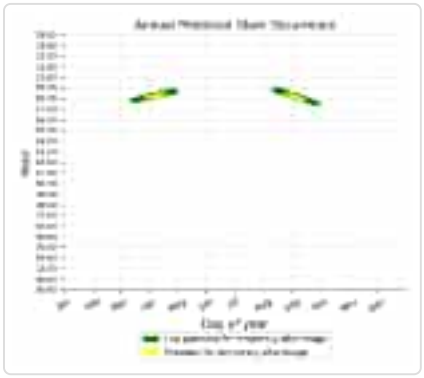
PV array 14: OP 62

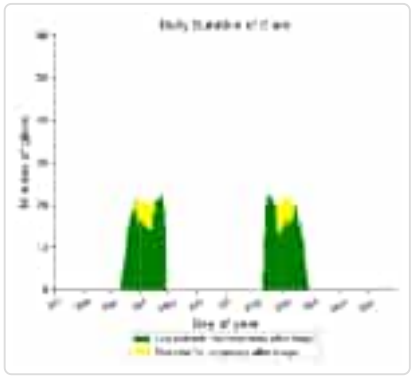
No glare found

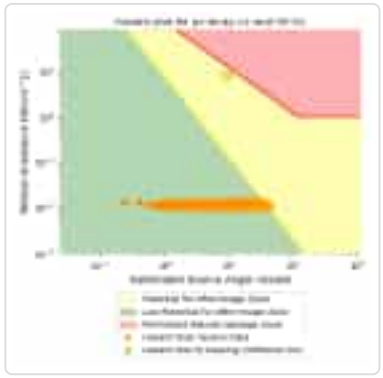
PV array 14: OP 63

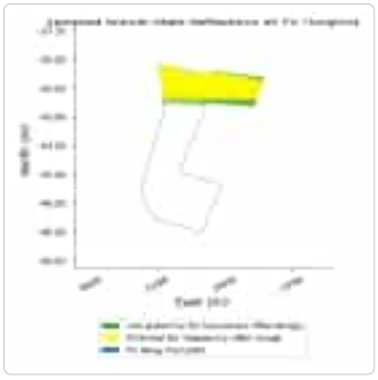
PV array is expected to produce the following glare for this receptor:

- 1,531 minutes of "green" glare with low potential to cause temporary after-image.
- 219 minutes of "yellow" glare with potential to cause temporary after-image.





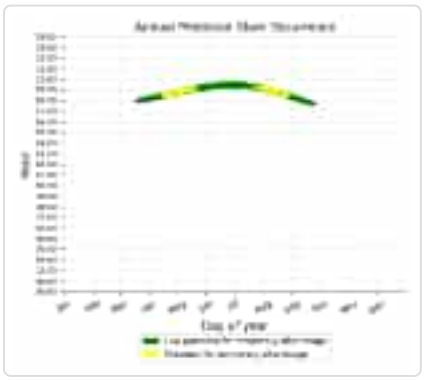


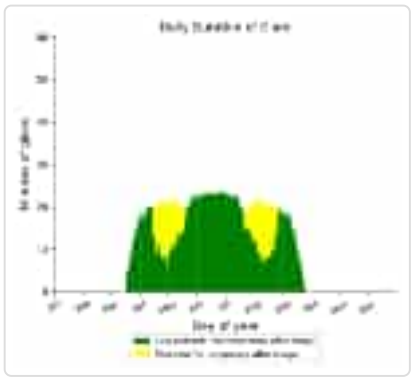


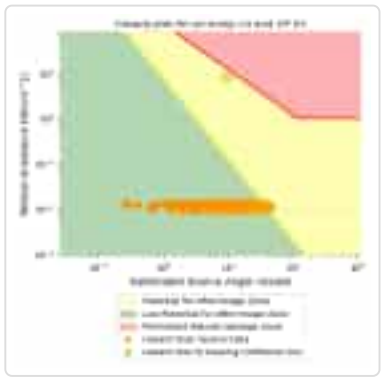
PV array 14: OP 64

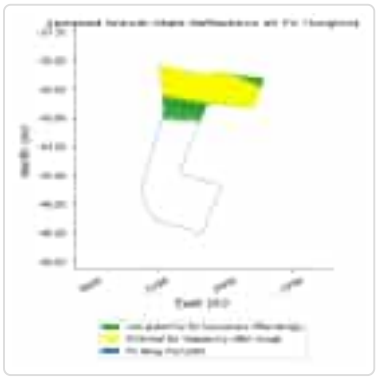
PV array is expected to produce the following glare for this receptor:

- 2,980 minutes of "green" glare with low potential to cause temporary after-image.
- 714 minutes of "yellow" glare with potential to cause temporary after-image.





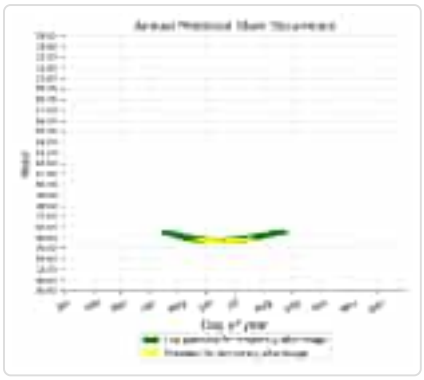


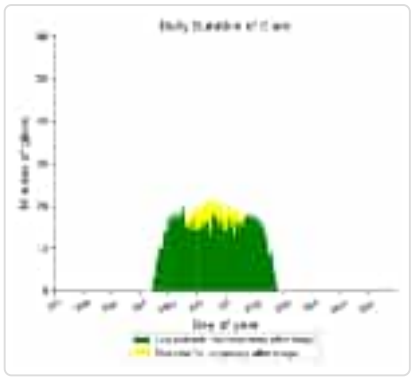


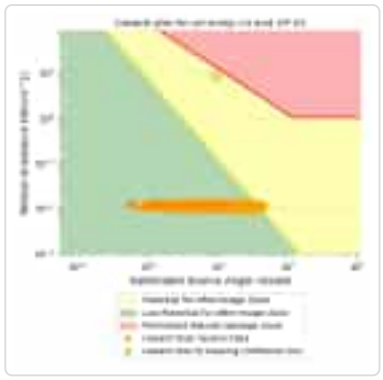
PV array 14: OP 65

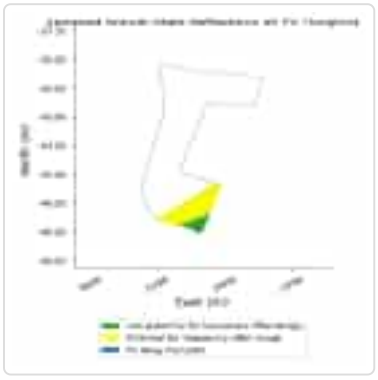
PV array is expected to produce the following glare for this receptor:

- 1,927 minutes of "green" glare with low potential to cause temporary after-image.
- 240 minutes of "yellow" glare with potential to cause temporary after-image.





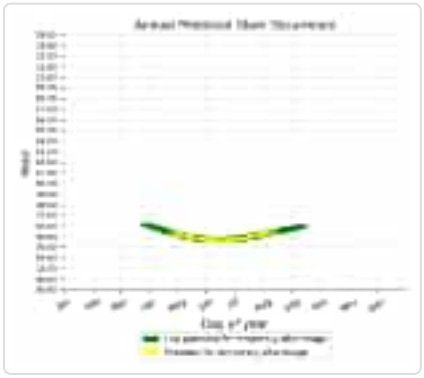


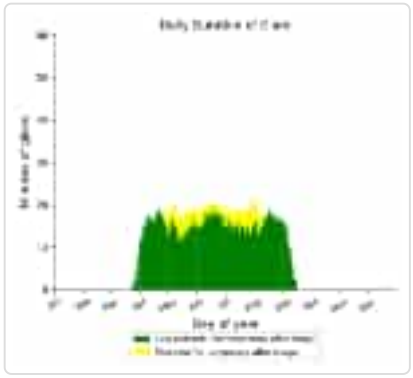


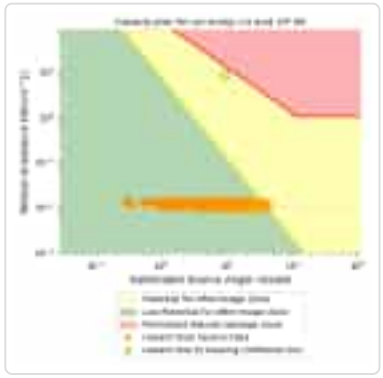
PV array 14: OP 66

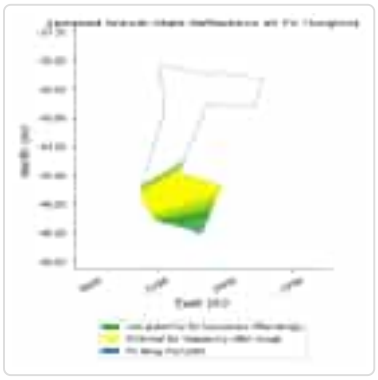
PV array is expected to produce the following glare for this receptor:

- 2,558 minutes of "green" glare with low potential to cause temporary after-image.
- 396 minutes of "yellow" glare with potential to cause temporary after-image.





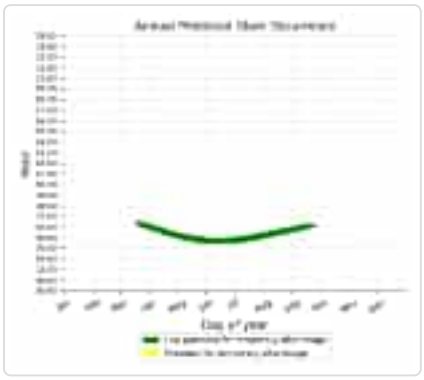


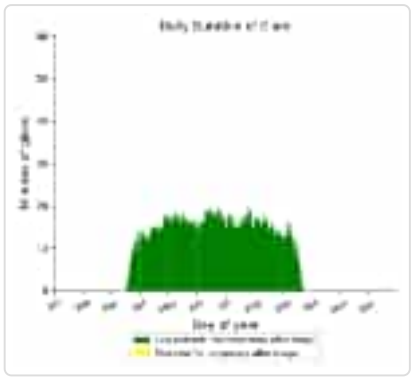


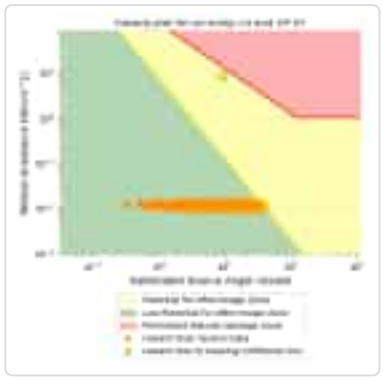
PV array 14: OP 67

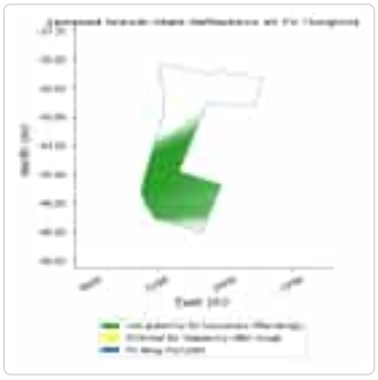
PV array is expected to produce the following glare for this receptor:

- 2,826 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









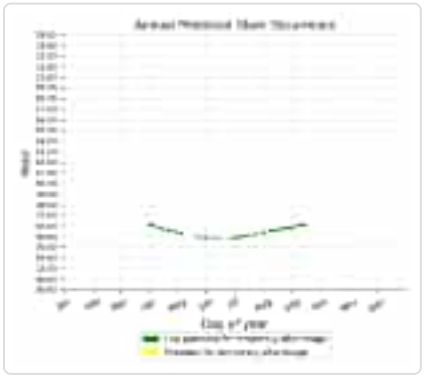
PV array 14: OP 68

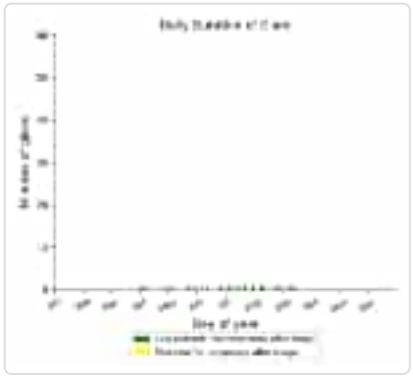
No glare found

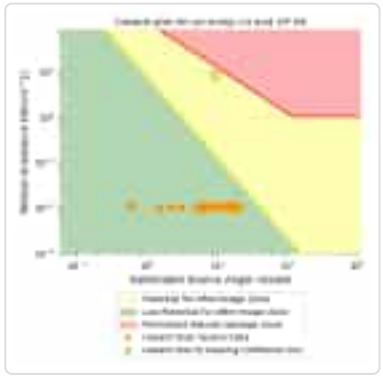
PV array 14: OP 69

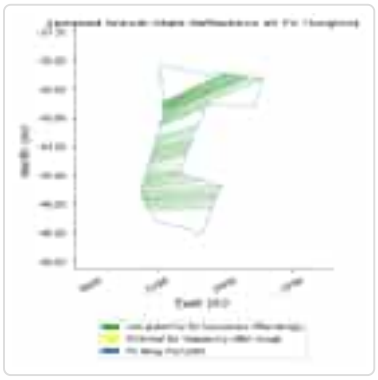
PV array is expected to produce the following glare for this receptor:

- 51 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14: OP 70

No glare found

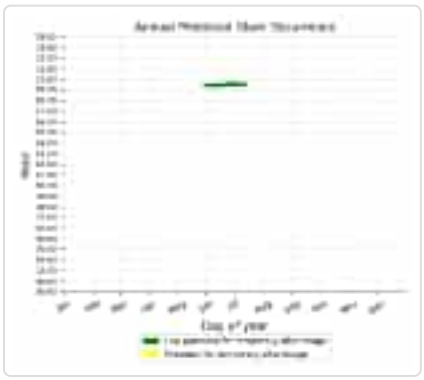
PV array 14: OP 71

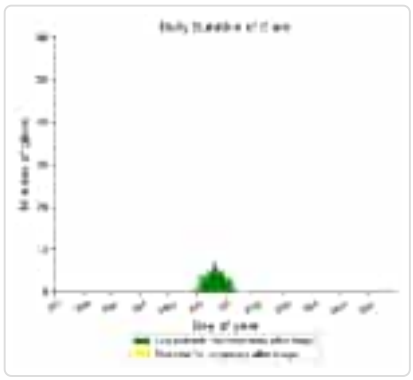
No glare found

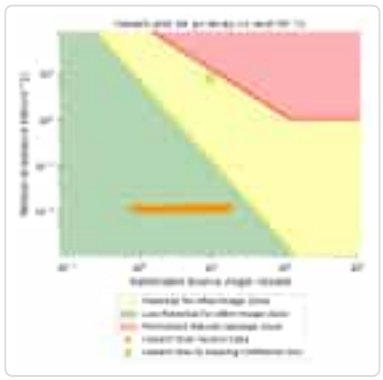
PV array 14: OP 72

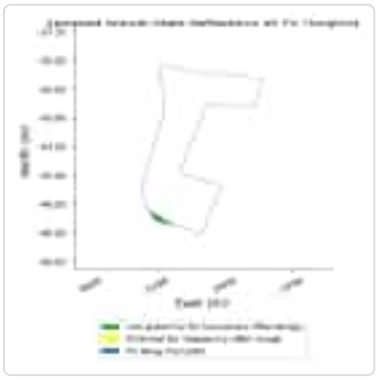
PV array is expected to produce the following glare for this receptor:

- 151 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





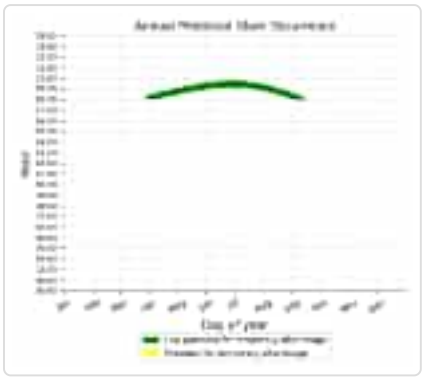


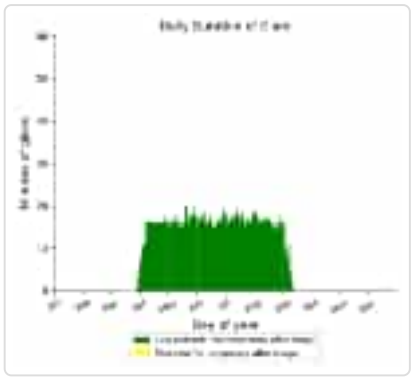


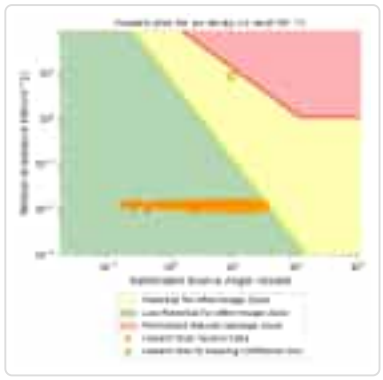
PV array 14: OP 73

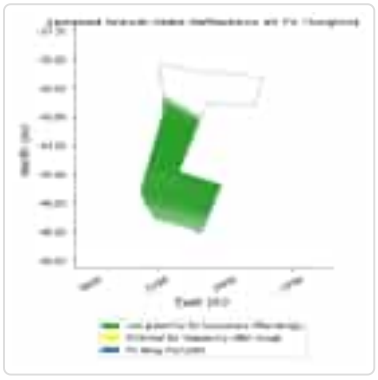
PV array is expected to produce the following glare for this receptor:

- 2,606 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





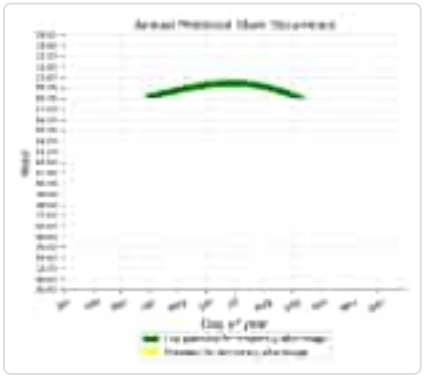


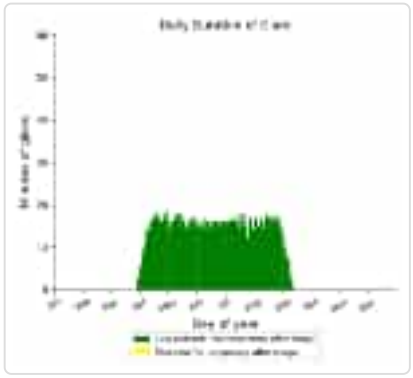


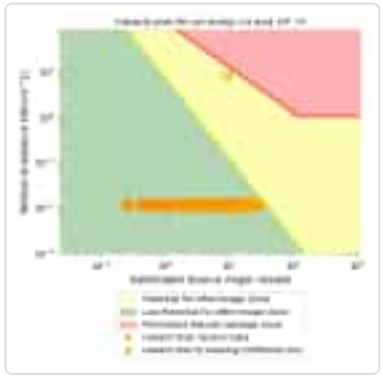
PV array 14: OP 74

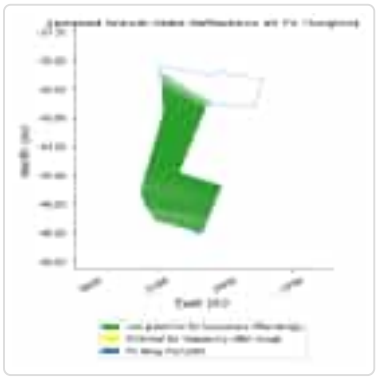
PV array is expected to produce the following glare for this receptor:

- 2,503 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





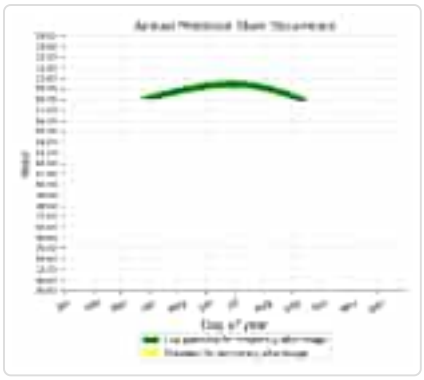


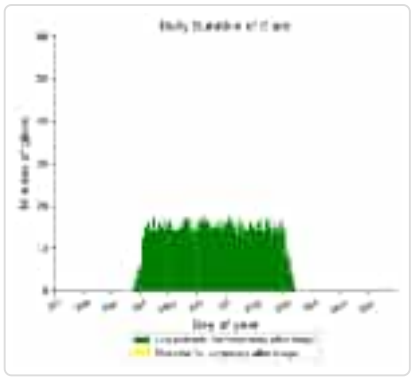


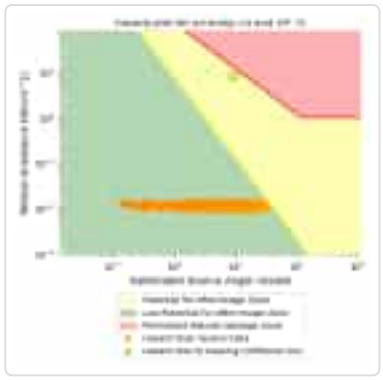
PV array 14: OP 75

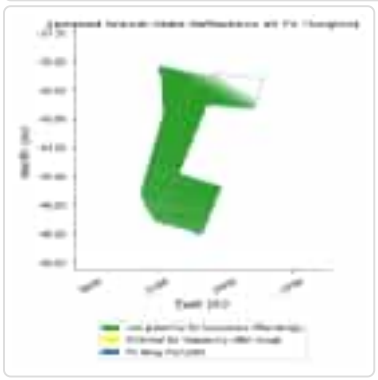
PV array is expected to produce the following glare for this receptor:

- 2,456 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14: OP 76

No glare found

PV array 14: OP 77

No glare found

PV array 14: OP 78

No glare found

PV array 14: OP 79

No glare found

PV array 15 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0

OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	3648	0
OP: OP 66	2074	0
OP: OP 67	1131	0
OP: OP 68	646	0
OP: OP 69	603	0
OP: OP 70	985	253
OP: OP 71	591	873
OP: OP 72	1463	951
OP: OP 73	1949	0
OP: OP 74	1371	0
OP: OP 75	30	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

PV array 15: OP 1

No glare found

PV array 15: OP 2

No glare found

PV array 15: OP 3

No glare found

PV array 15: OP 4

No glare found

PV array 15: OP 5

No glare found

PV array 15: OP 6

No glare found

PV array 15: OP 7

No glare found

PV array 15: OP 8

No glare found

PV array 15: OP 9

No glare found

PV array 15: OP 10

No glare found

PV array 15: OP 11

No glare found

PV array 15: OP 12

No glare found

PV array 15: OP 13

No glare found

PV array 15: OP 14

No glare found

PV array 15: OP 15

No glare found

PV array 15: OP 16

No glare found

PV array 15: OP 17

No glare found

PV array 15: OP 18

No glare found

PV array 15: OP 19

No glare found

PV array 15: OP 20

No glare found

PV array 15: OP 21

No glare found

PV array 15: OP 22

No glare found

PV array 15: OP 23

No glare found

PV array 15: OP 24

No glare found

PV array 15: OP 25

No glare found

PV array 15: OP 26

No glare found

PV array 15: OP 27

No glare found

PV array 15: OP 28

No glare found

PV array 15: OP 29

No glare found

PV array 15: OP 30

No glare found

PV array 15: OP 31

No glare found

PV array 15: OP 32

No glare found

PV array 15: OP 33

No glare found

PV array 15: OP 34

No glare found

PV array 15: OP 35

No glare found

PV array 15: OP 36

No glare found

PV array 15: OP 37

No glare found

PV array 15: OP 38

No glare found

PV array 15: OP 39

No glare found

PV array 15: OP 40

No glare found

PV array 15: OP 41

No glare found

PV array 15: OP 42

No glare found

PV array 15: OP 43

No glare found

PV array 15: OP 44

No glare found

PV array 15: OP 45

No glare found

PV array 15: OP 46

No glare found

PV array 15: OP 47

No glare found

PV array 15: OP 48

No glare found

PV array 15: OP 49

No glare found

PV array 15: OP 50

No glare found

PV array 15: OP 51

No glare found

PV array 15: OP 52

No glare found

PV array 15: OP 53

No glare found

PV array 15: OP 54

No glare found

PV array 15: OP 55

No glare found

PV array 15: OP 56

No glare found

PV array 15: OP 57

No glare found

PV array 15: OP 58

No glare found

PV array 15: OP 59

No glare found

PV array 15: OP 60

No glare found

PV array 15: OP 61

No glare found

PV array 15: OP 62

No glare found

PV array 15: OP 63

No glare found

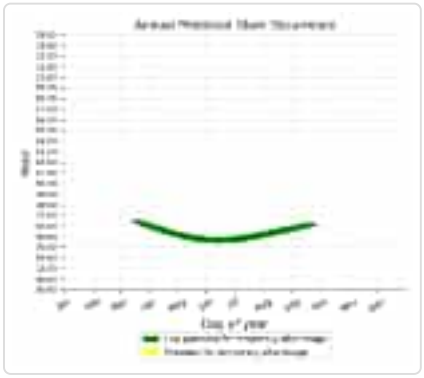
PV array 15: OP 64

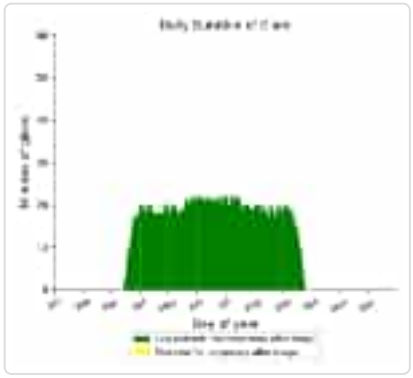
No glare found

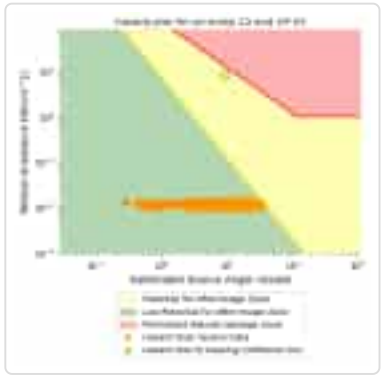
PV array 15: OP 65

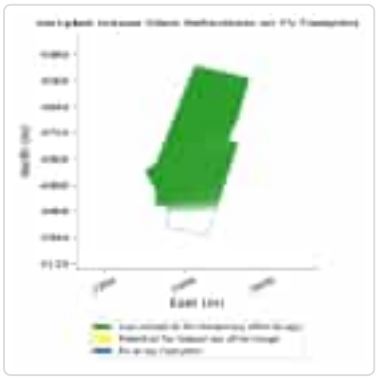
PV array is expected to produce the following glare for this receptor:

- 3,648 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





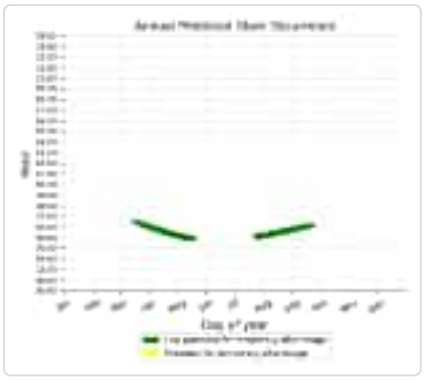


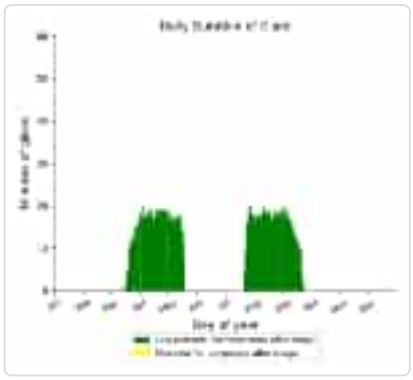


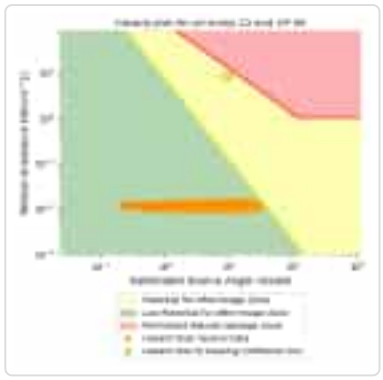
PV array 15: OP 66

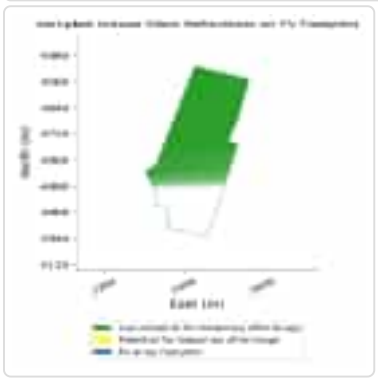
PV array is expected to produce the following glare for this receptor:

- 2,074 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





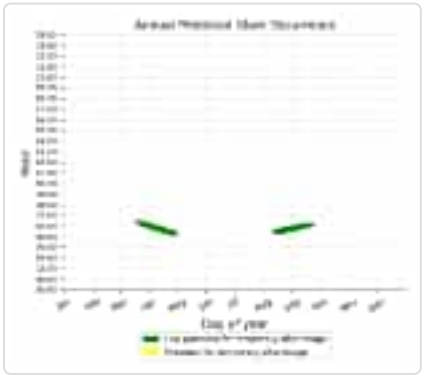


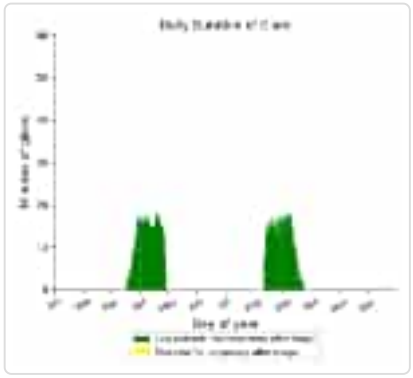


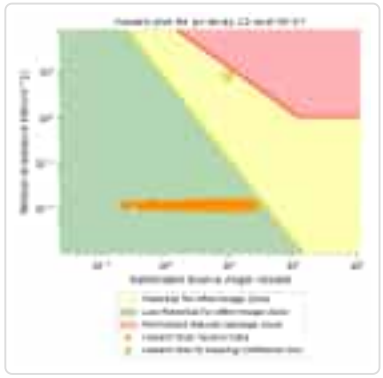
PV array 15: OP 67

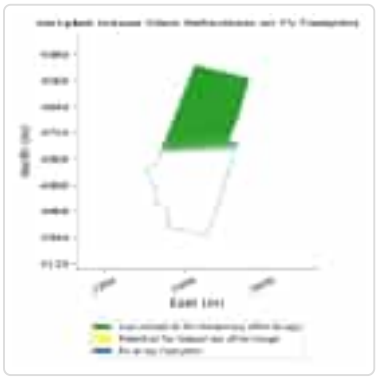
PV array is expected to produce the following glare for this receptor:

- 1,131 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





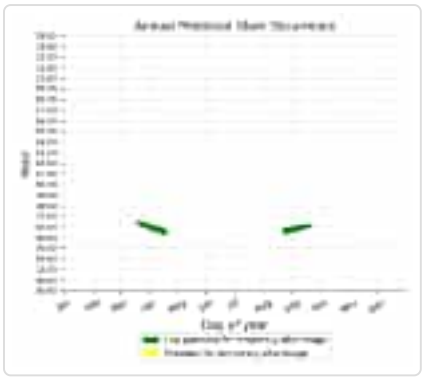


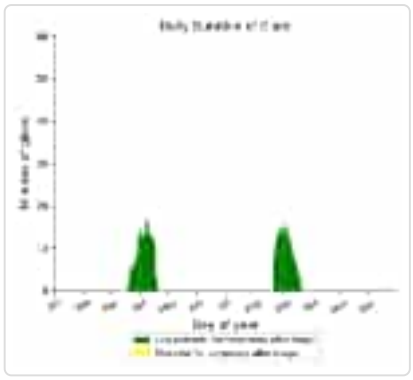


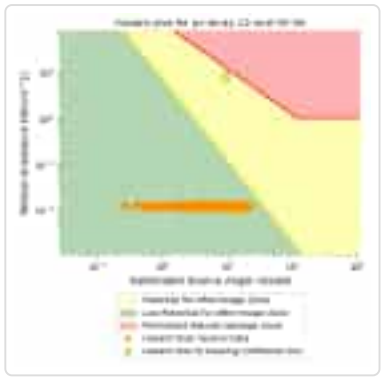
PV array 15: OP 68

PV array is expected to produce the following glare for this receptor:

- 646 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



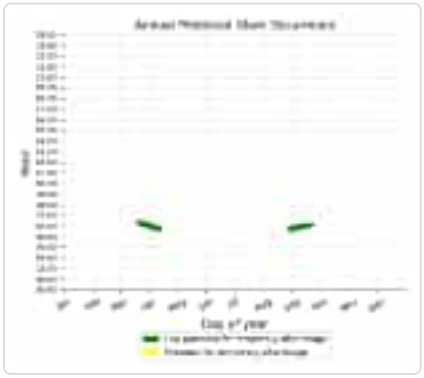


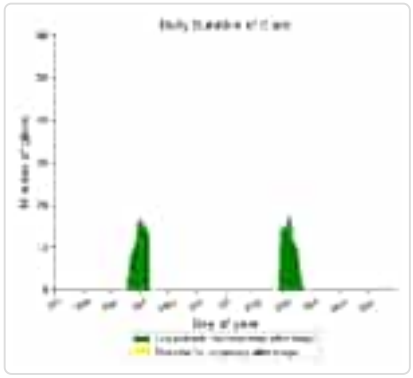


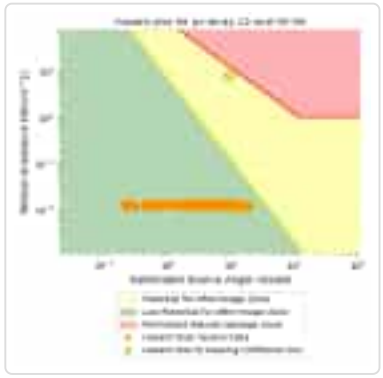
PV array 15: OP 69

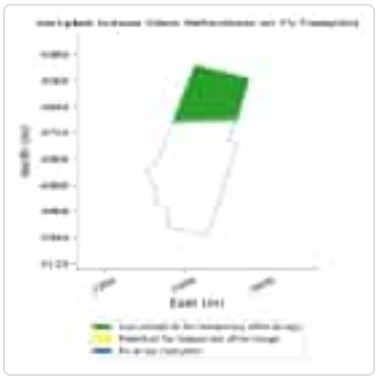
PV array is expected to produce the following glare for this receptor:

- 603 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





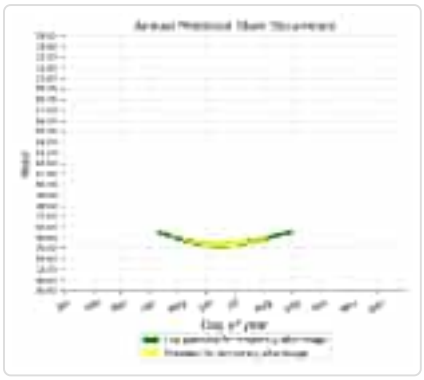


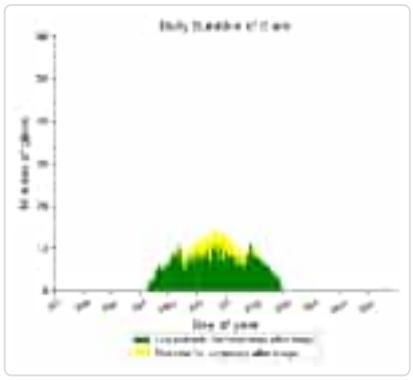


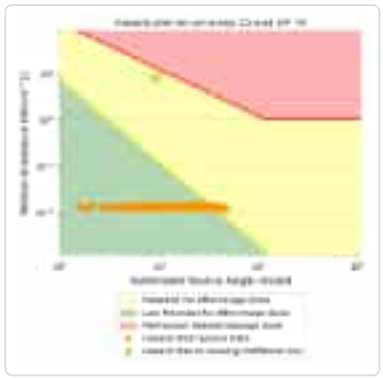
PV array 15: OP 70

PV array is expected to produce the following glare for this receptor:

- 985 minutes of "green" glare with low potential to cause temporary after-image.
- 253 minutes of "yellow" glare with potential to cause temporary after-image.



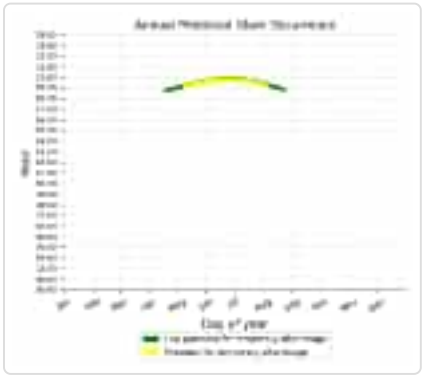


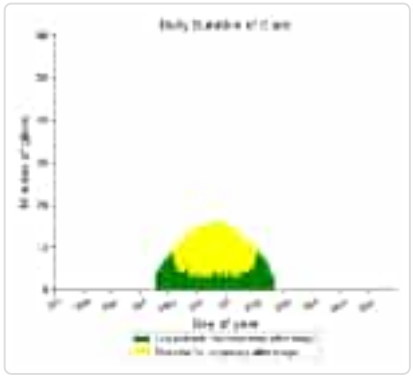


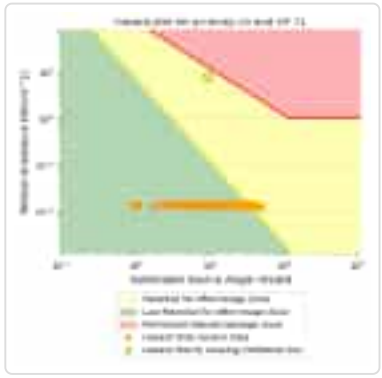
PV array 15: OP 71

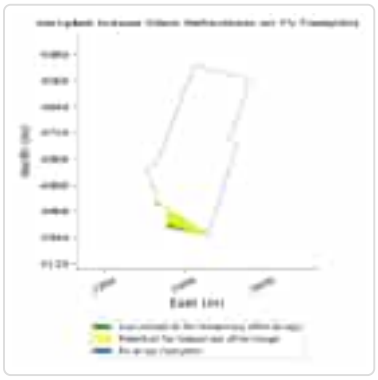
PV array is expected to produce the following glare for this receptor:

- 591 minutes of "green" glare with low potential to cause temporary after-image.
- 873 minutes of "yellow" glare with potential to cause temporary after-image.





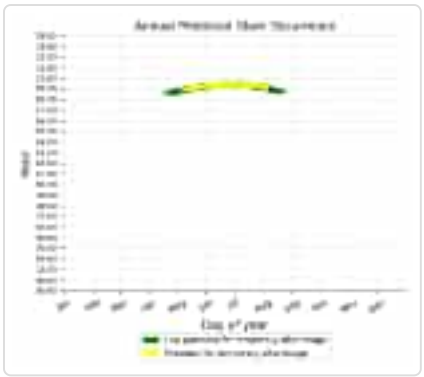


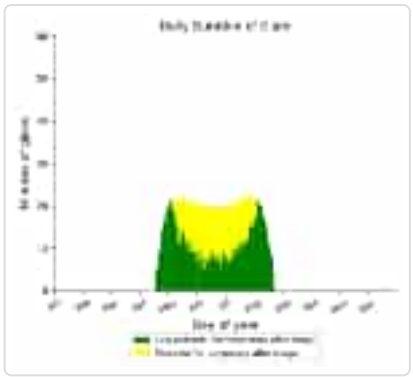


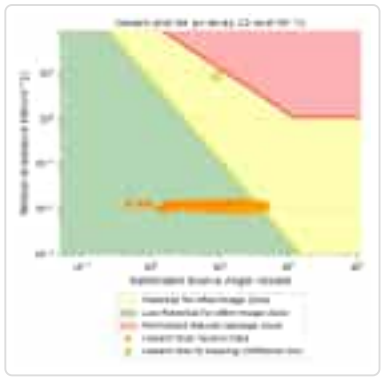
PV array 15: OP 72

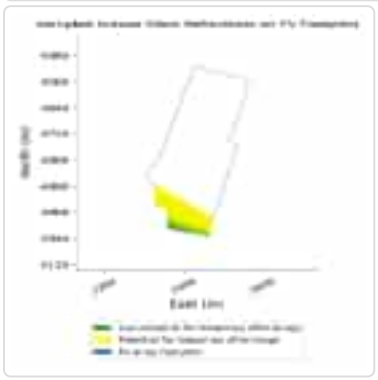
PV array is expected to produce the following glare for this receptor:

- 1,463 minutes of "green" glare with low potential to cause temporary after-image.
- 951 minutes of "yellow" glare with potential to cause temporary after-image.





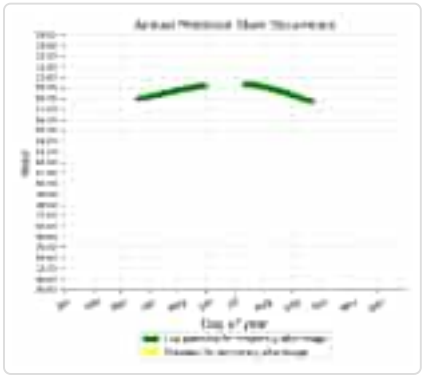


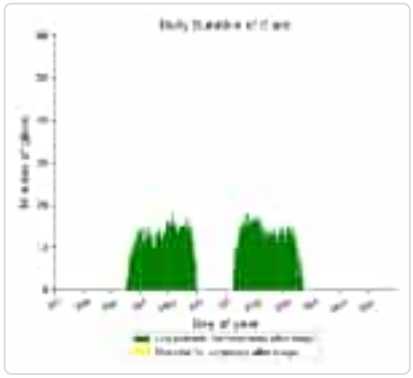


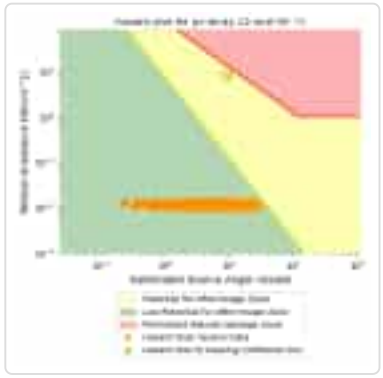
PV array 15: OP 73

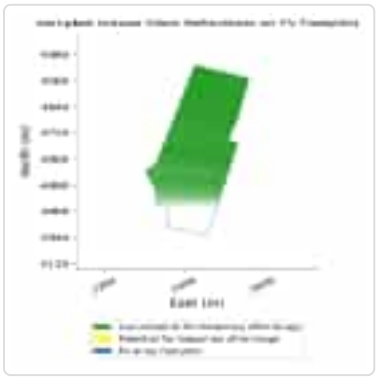
PV array is expected to produce the following glare for this receptor:

- 1,949 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





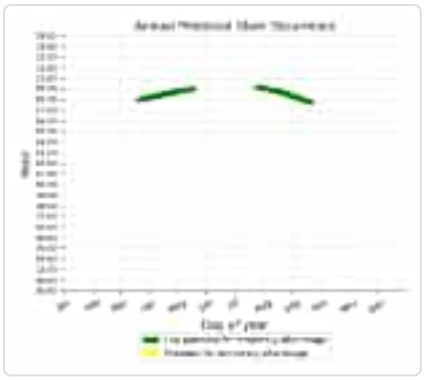


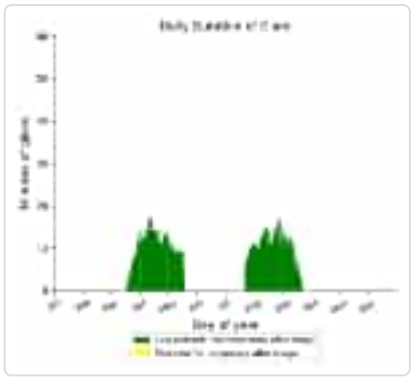


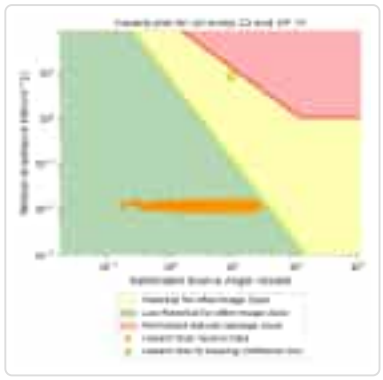
PV array 15: OP 74

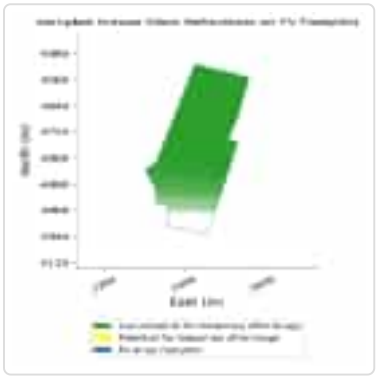
PV array is expected to produce the following glare for this receptor:

- 1,371 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





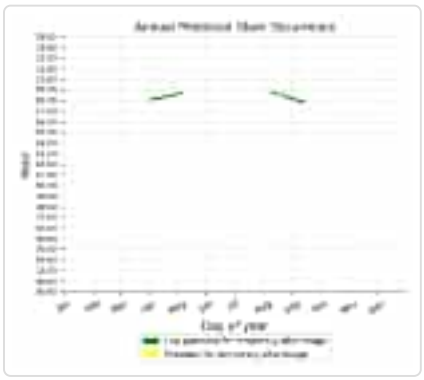


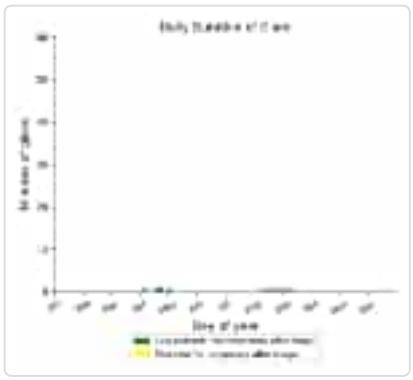


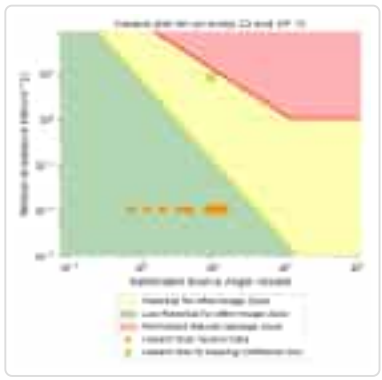
PV array 15: OP 75

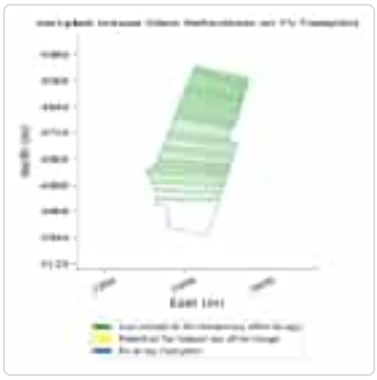
PV array is expected to produce the following glare for this receptor:

- 30 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 76

No glare found

PV array 15: OP 77

No glare found

PV array 15: OP 78

No glare found

PV array 15: OP 79

No glare found

PV array 2 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	852	1
OP: OP 2	2105	24
OP: OP 3	1973	185
OP: OP 4	1616	533
OP: OP 5	1857	206
OP: OP 6	1695	91
OP: OP 7	0	0
OP: OP 8	36	0
OP: OP 9	4269	615
OP: OP 10	2789	2096
OP: OP 11	3155	1856
OP: OP 12	1545	0

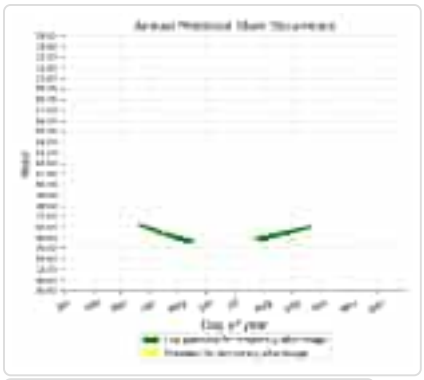
OP: OP 13	2179	0
OP: OP 14	140332	53291
OP: OP 15	147045	53861
OP: OP 16	6494	14277
OP: OP 17	1929	0
OP: OP 18	3622	177
OP: OP 19	3817	1736
OP: OP 20	3798	339
OP: OP 21	3463	251
OP: OP 22	643	0
OP: OP 23	427	0
OP: OP 24	58	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	1270	635
OP: OP 31	1487	1846
OP: OP 32	1504	1952
OP: OP 33	1503	102
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0

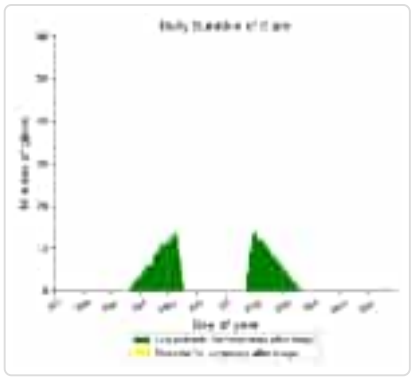
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

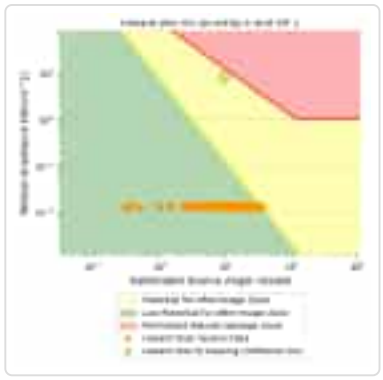
PV array 2: OP 1

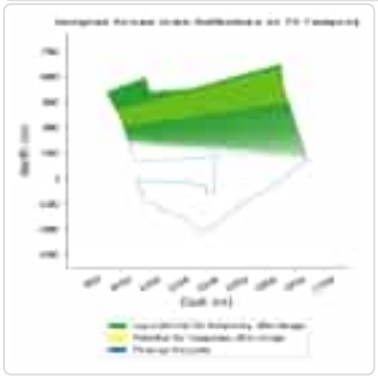
PV array is expected to produce the following glare for this receptor:

- 852 minutes of "green" glare with low potential to cause temporary after-image.
- 1 minutes of "yellow" glare with potential to cause temporary after-image.





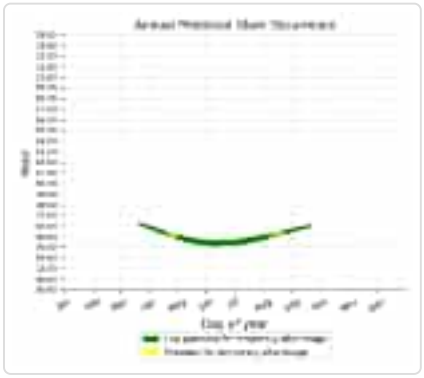


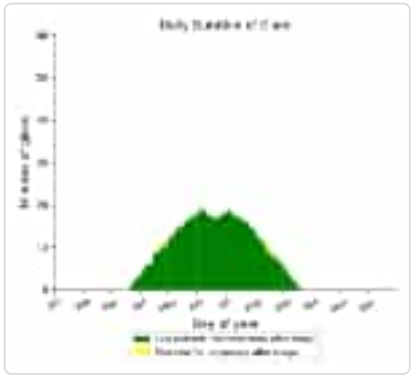


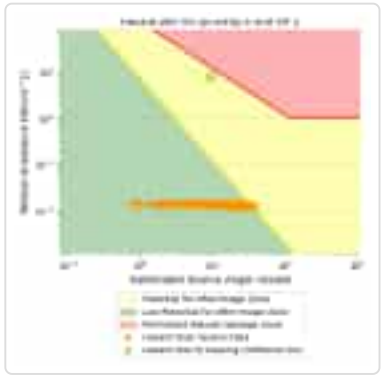
PV array 2: OP 2

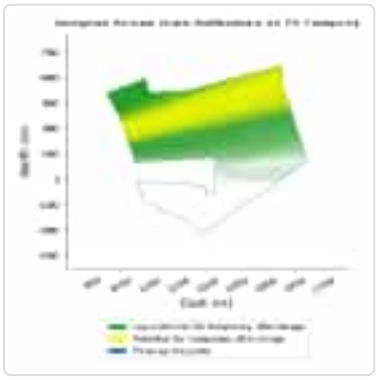
PV array is expected to produce the following glare for this receptor:

- 2,105 minutes of "green" glare with low potential to cause temporary after-image.
- 24 minutes of "yellow" glare with potential to cause temporary after-image.





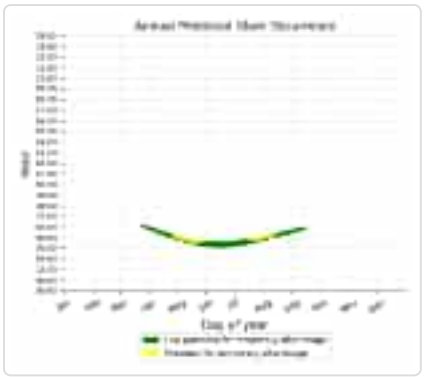


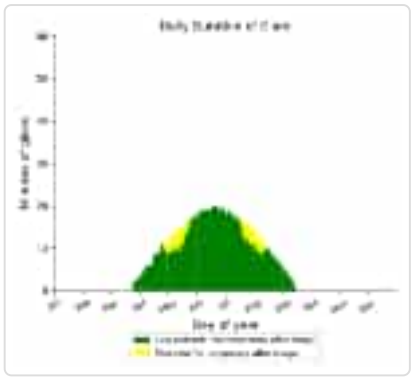


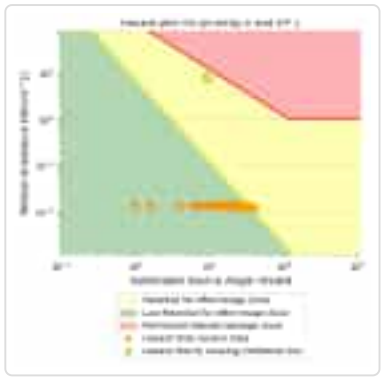
PV array 2: OP 3

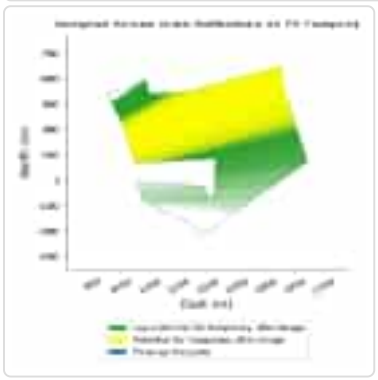
PV array is expected to produce the following glare for this receptor:

- 1,973 minutes of "green" glare with low potential to cause temporary after-image.
- 185 minutes of "yellow" glare with potential to cause temporary after-image.





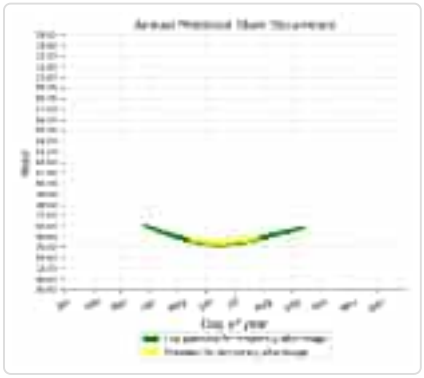


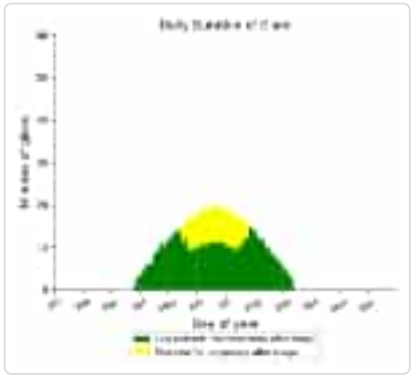


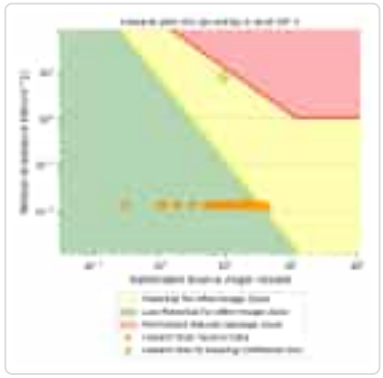
PV array 2: OP 4

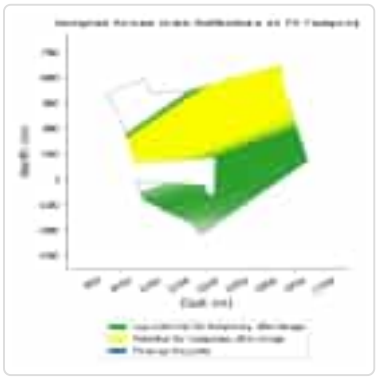
PV array is expected to produce the following glare for this receptor:

- 1,616 minutes of "green" glare with low potential to cause temporary after-image.
- 533 minutes of "yellow" glare with potential to cause temporary after-image.





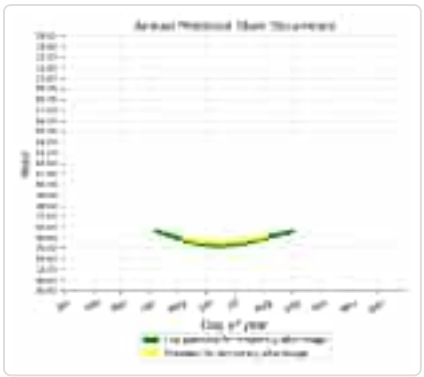


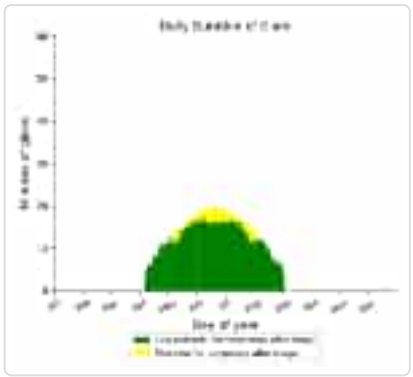


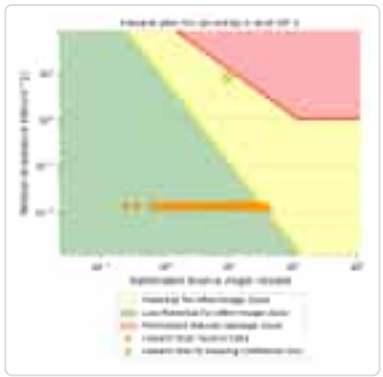
PV array 2: OP 5

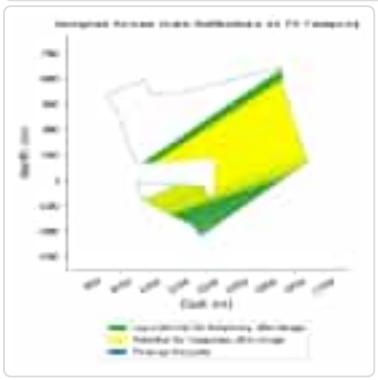
PV array is expected to produce the following glare for this receptor:

- 1,857 minutes of "green" glare with low potential to cause temporary after-image.
- 206 minutes of "yellow" glare with potential to cause temporary after-image.





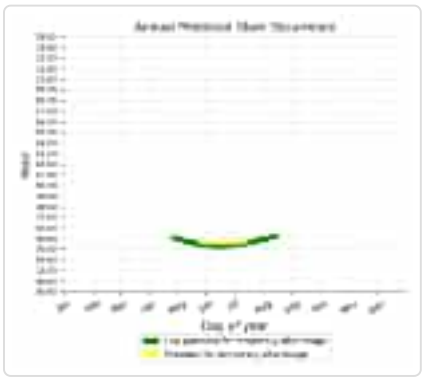


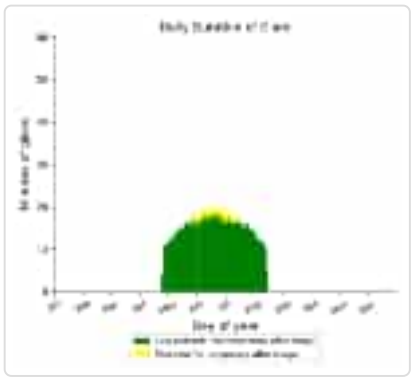


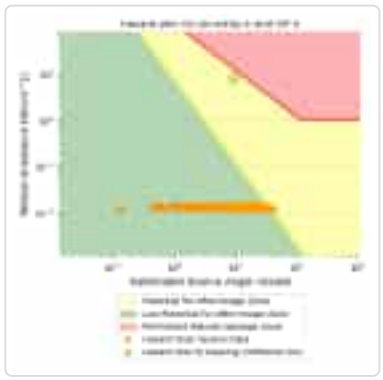
PV array 2: OP 6

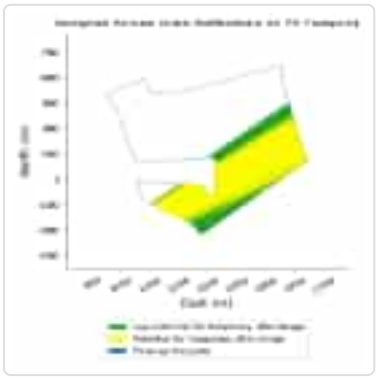
PV array is expected to produce the following glare for this receptor:

- 1,695 minutes of "green" glare with low potential to cause temporary after-image.
- 91 minutes of "yellow" glare with potential to cause temporary after-image.









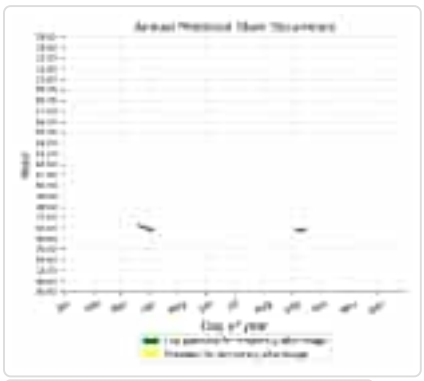
PV array 2: OP 7

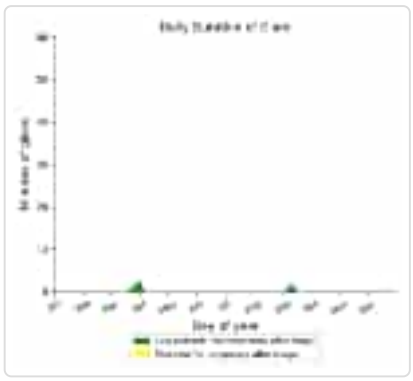
No glare found

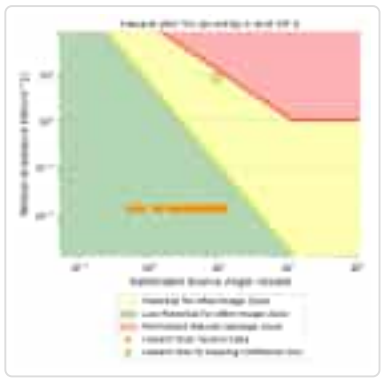
PV array 2: OP 8

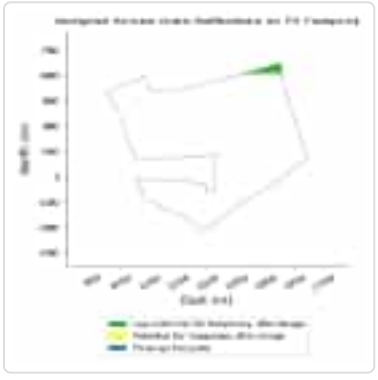
PV array is expected to produce the following glare for this receptor:

- 36 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





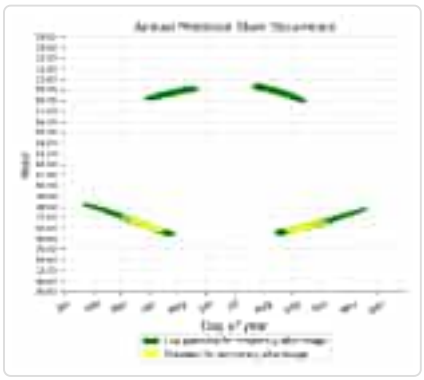


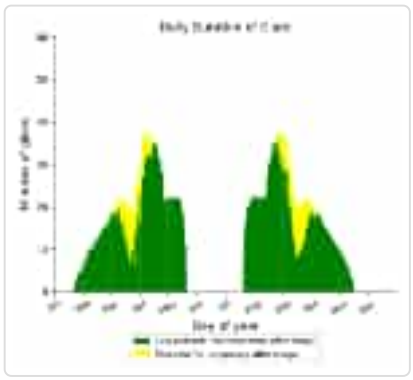


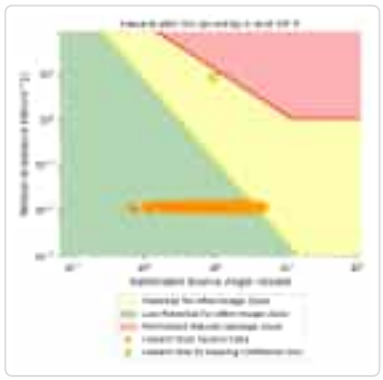
PV array 2: OP 9

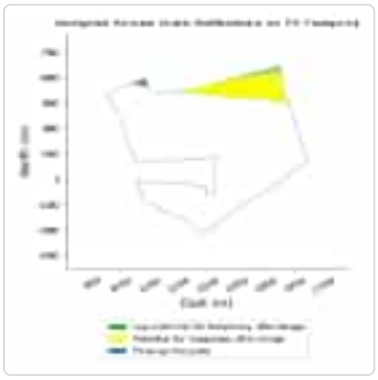
PV array is expected to produce the following glare for this receptor:

- 4,269 minutes of "green" glare with low potential to cause temporary after-image.
- 615 minutes of "yellow" glare with potential to cause temporary after-image.





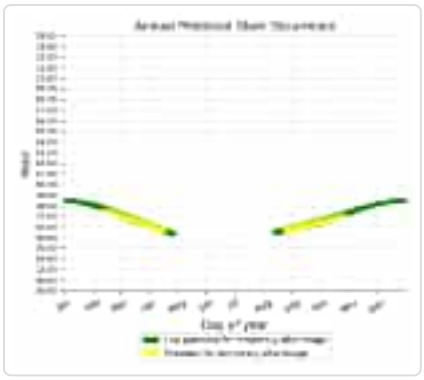


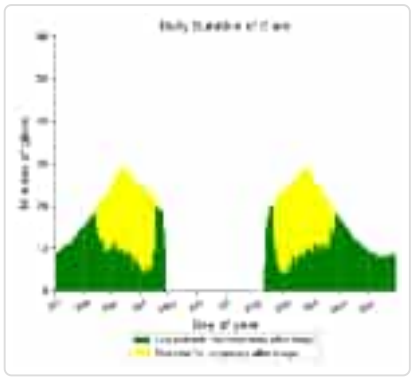


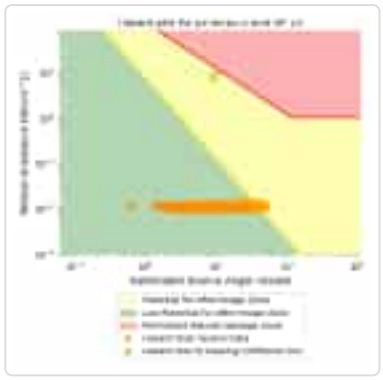
PV array 2: OP 10

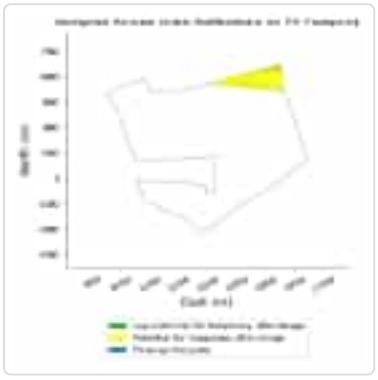
PV array is expected to produce the following glare for this receptor:

- 2,789 minutes of "green" glare with low potential to cause temporary after-image.
- 2,096 minutes of "yellow" glare with potential to cause temporary after-image.





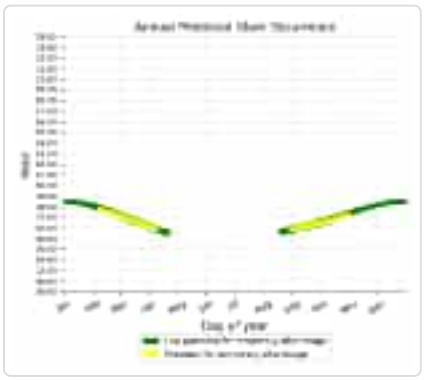


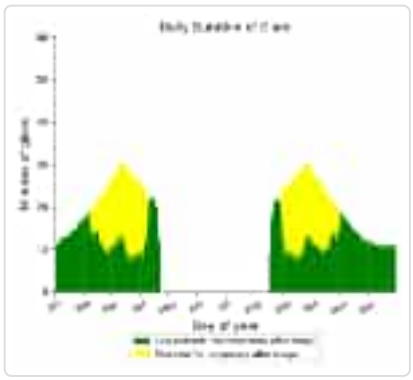


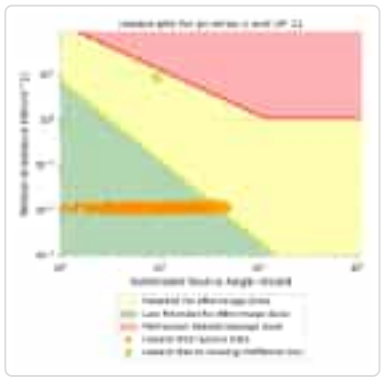
PV array 2: OP 11

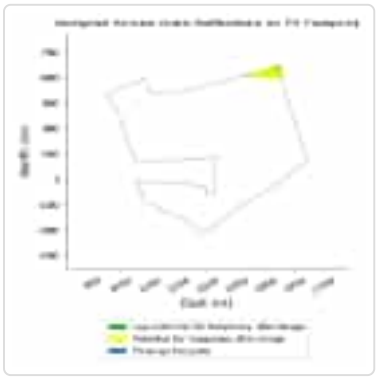
PV array is expected to produce the following glare for this receptor:

- 3,155 minutes of "green" glare with low potential to cause temporary after-image.
- 1,856 minutes of "yellow" glare with potential to cause temporary after-image.





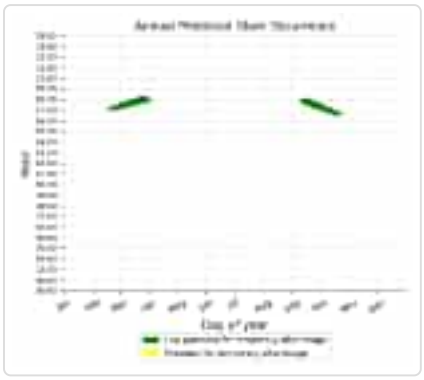


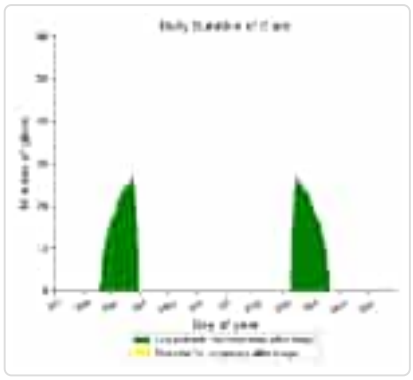


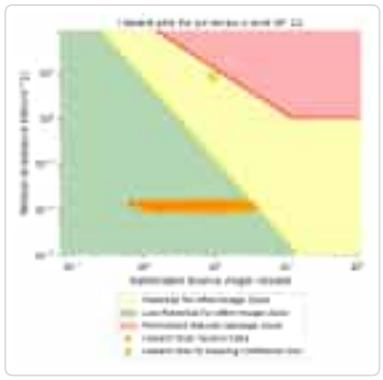
PV array 2: OP 12

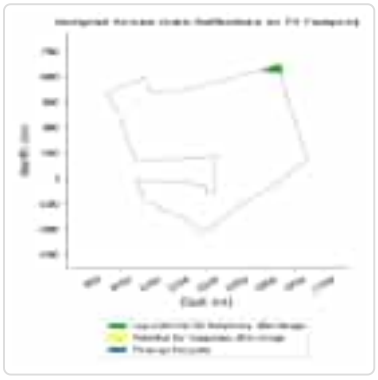
PV array is expected to produce the following glare for this receptor:

- 1,545 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





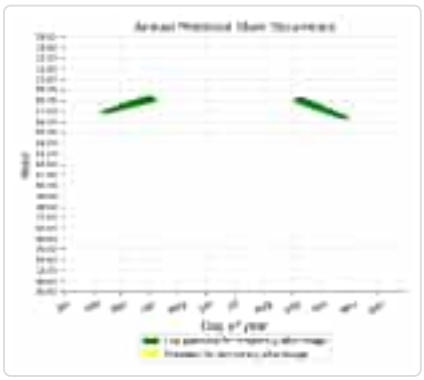


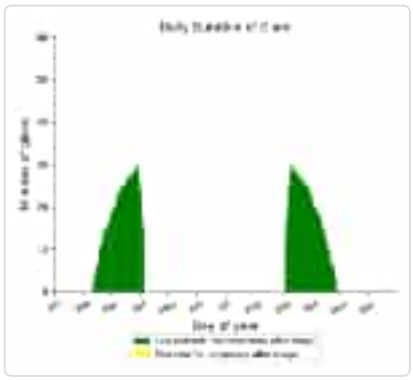


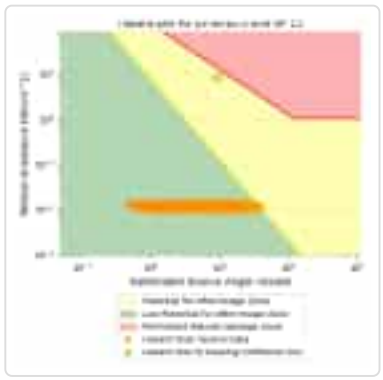
PV array 2: OP 13

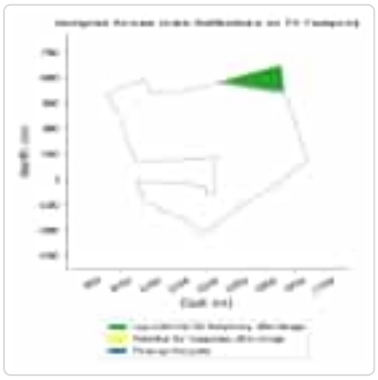
PV array is expected to produce the following glare for this receptor:

- 2,179 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





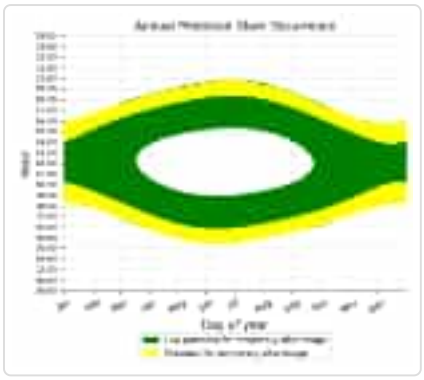


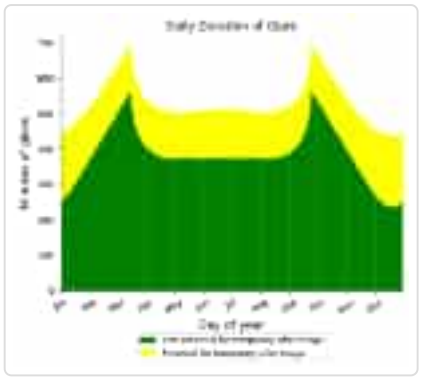


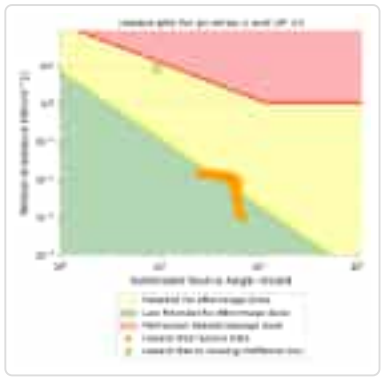
PV array 2: OP 14

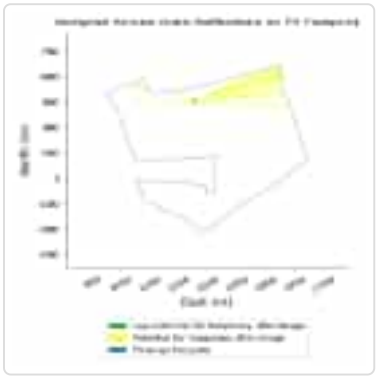
PV array is expected to produce the following glare for this receptor:

- 140,332 minutes of "green" glare with low potential to cause temporary after-image.
- 53,291 minutes of "yellow" glare with potential to cause temporary after-image.





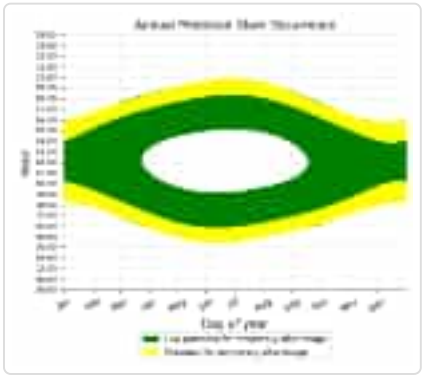


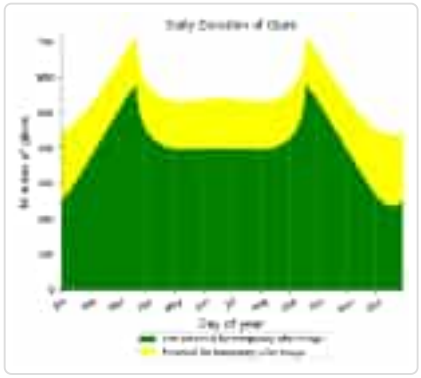


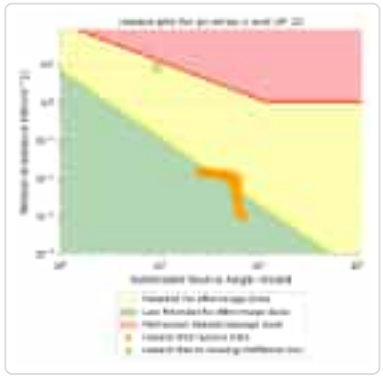
PV array 2: OP 15

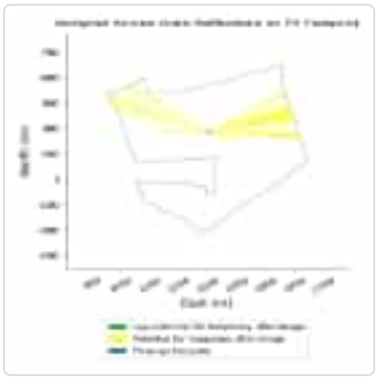
PV array is expected to produce the following glare for this receptor:

- 147,045 minutes of "green" glare with low potential to cause temporary after-image.
- 53,861 minutes of "yellow" glare with potential to cause temporary after-image.





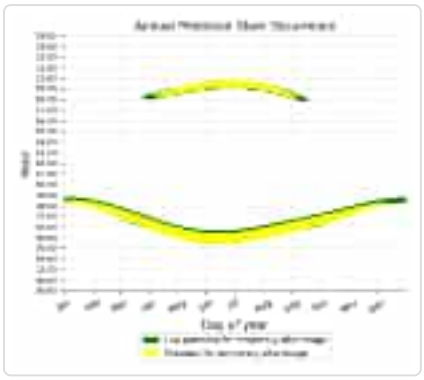


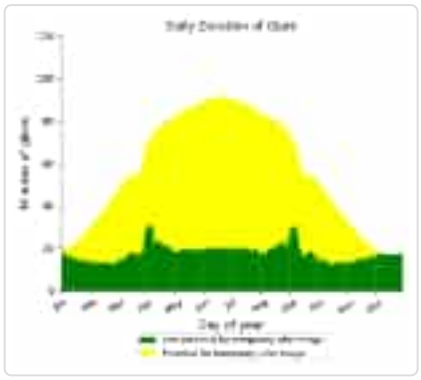


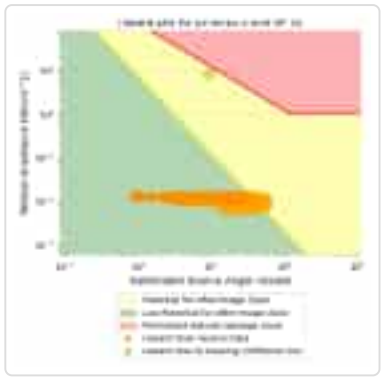
PV array 2: OP 16

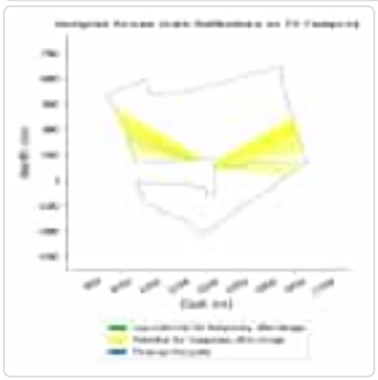
PV array is expected to produce the following glare for this receptor:

- 6,494 minutes of "green" glare with low potential to cause temporary after-image.
- 14,277 minutes of "yellow" glare with potential to cause temporary after-image.





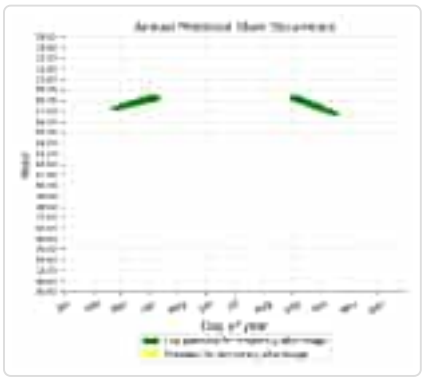


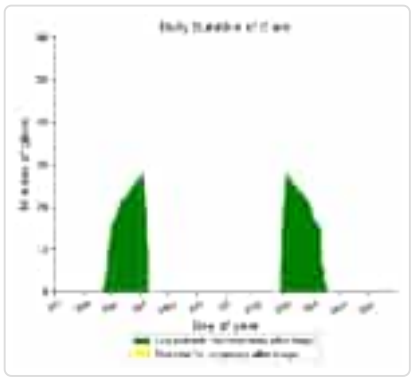


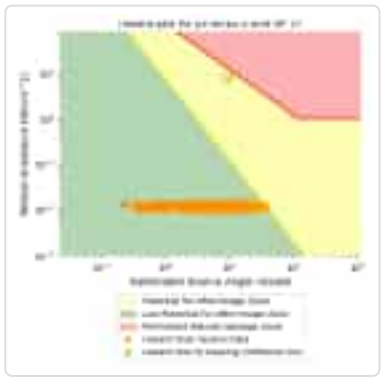
PV array 2: OP 17

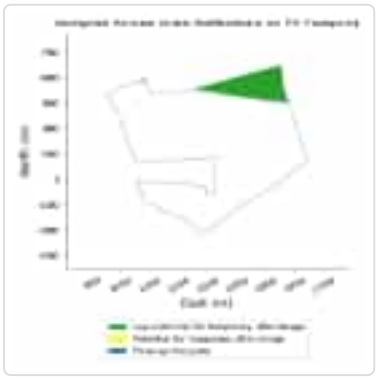
PV array is expected to produce the following glare for this receptor:

- 1,929 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





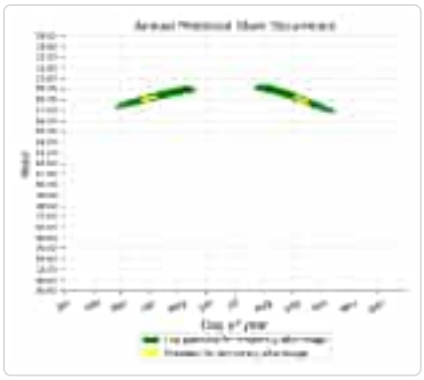


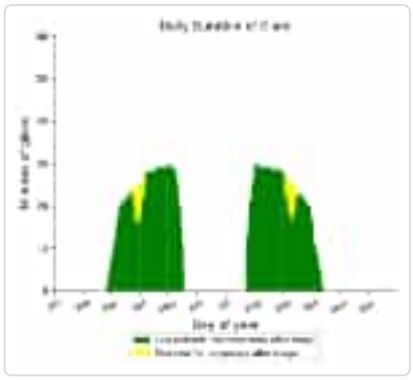


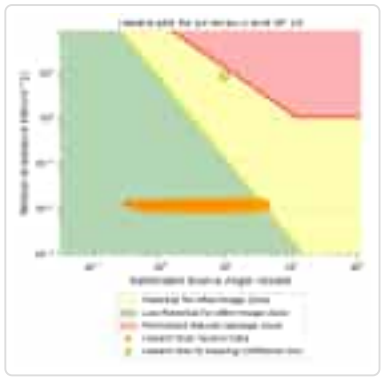
PV array 2: OP 18

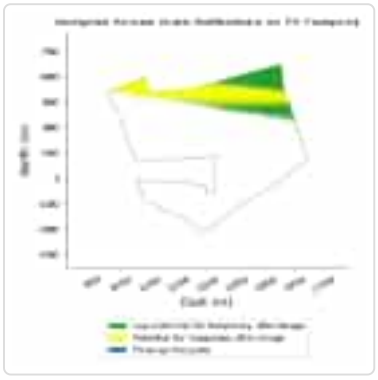
PV array is expected to produce the following glare for this receptor:

- 3,622 minutes of "green" glare with low potential to cause temporary after-image.
- 177 minutes of "yellow" glare with potential to cause temporary after-image.





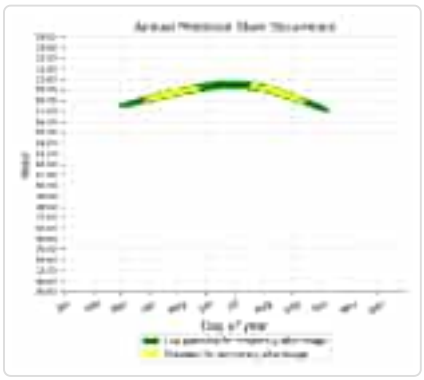


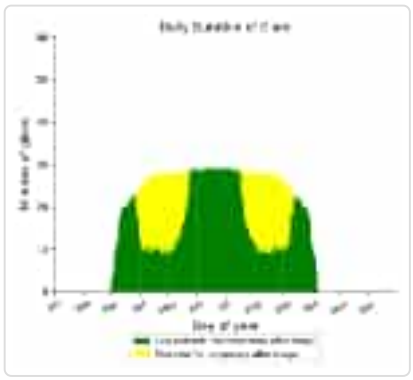


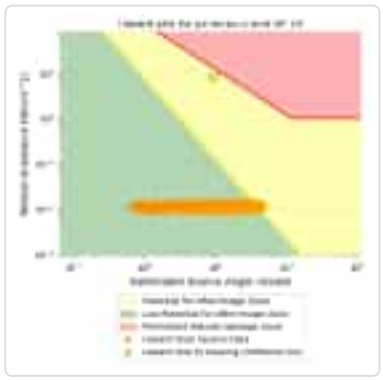
PV array 2: OP 19

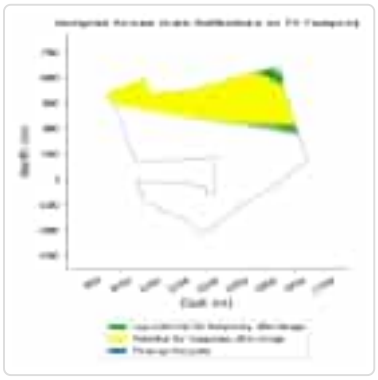
PV array is expected to produce the following glare for this receptor:

- 3,817 minutes of "green" glare with low potential to cause temporary after-image.
- 1,736 minutes of "yellow" glare with potential to cause temporary after-image.





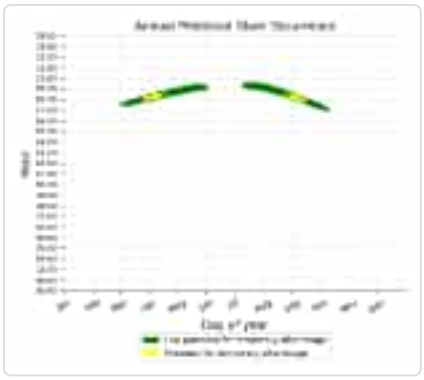


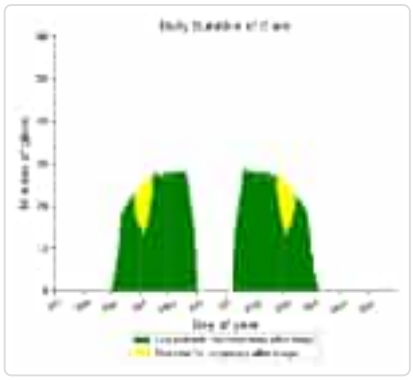


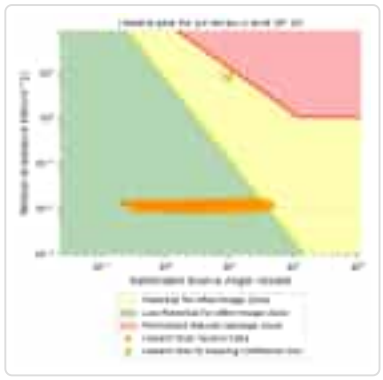
PV array 2: OP 20

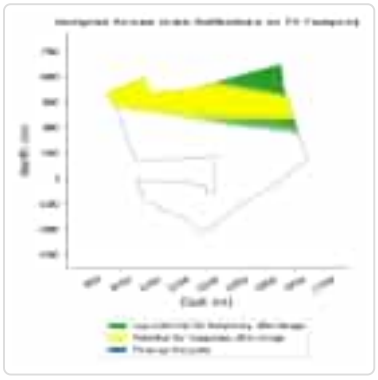
PV array is expected to produce the following glare for this receptor:

- 3,798 minutes of "green" glare with low potential to cause temporary after-image.
- 339 minutes of "yellow" glare with potential to cause temporary after-image.





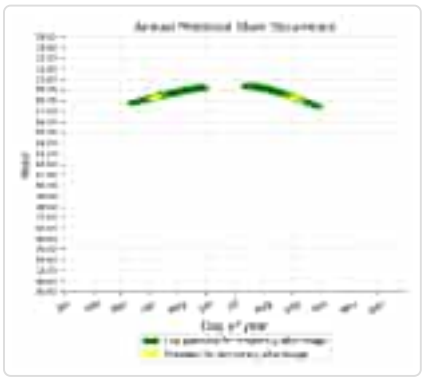


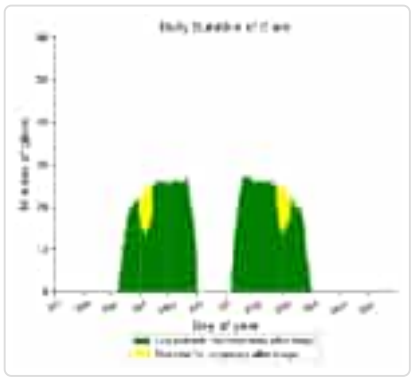


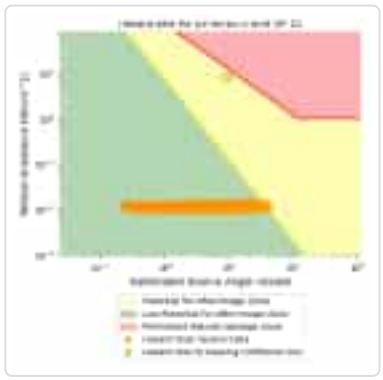
PV array 2: OP 21

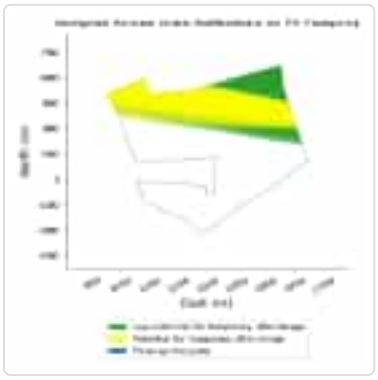
PV array is expected to produce the following glare for this receptor:

- 3,463 minutes of "green" glare with low potential to cause temporary after-image.
- 251 minutes of "yellow" glare with potential to cause temporary after-image.





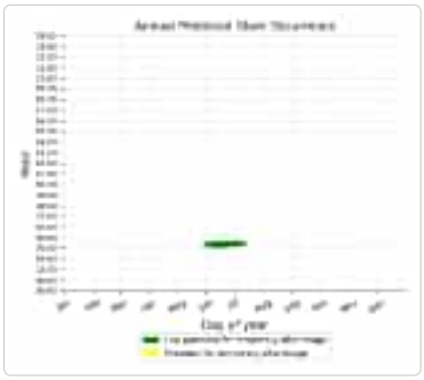


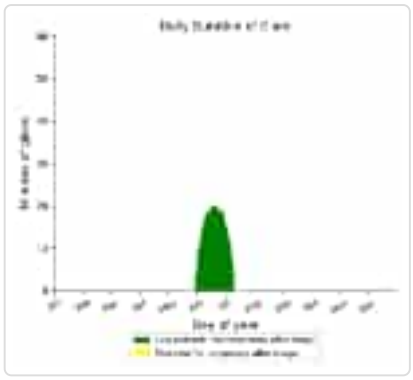


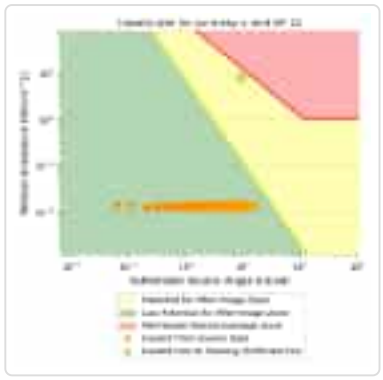
PV array 2: OP 22

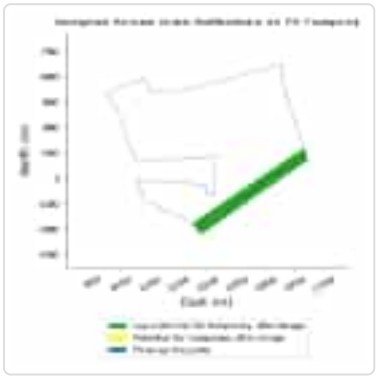
PV array is expected to produce the following glare for this receptor:

- 643 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





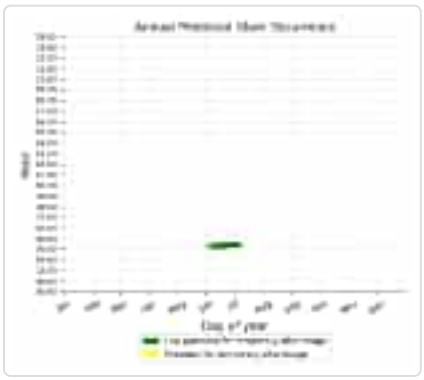


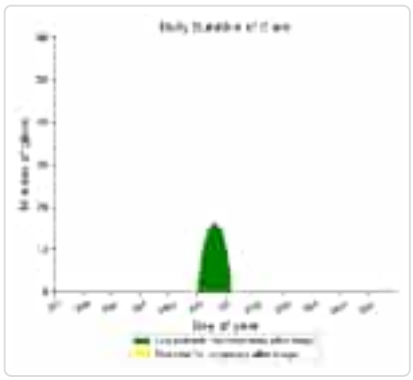


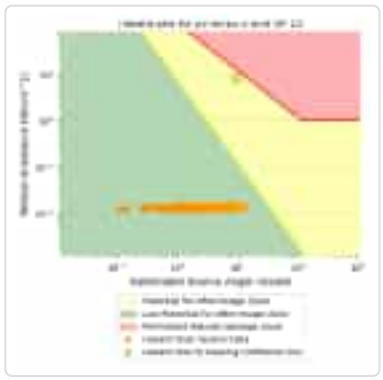
PV array 2: OP 23

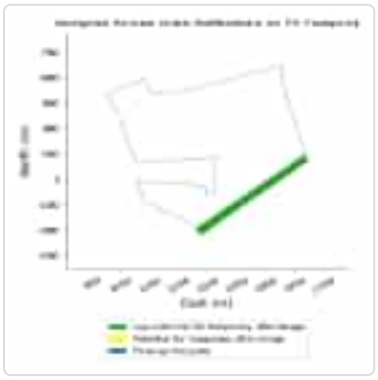
PV array is expected to produce the following glare for this receptor:

- 427 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





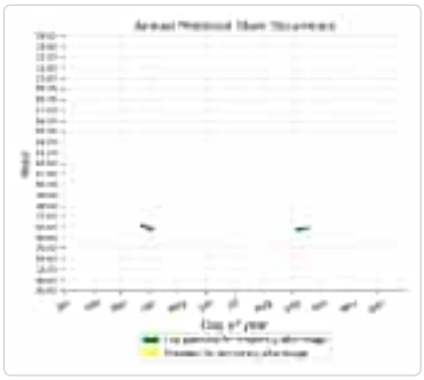


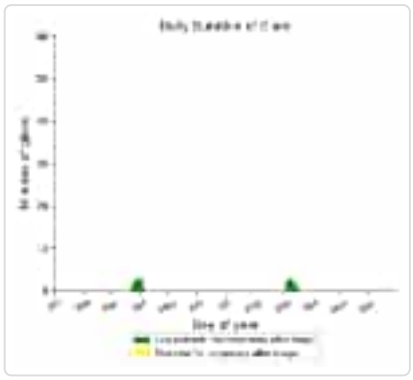


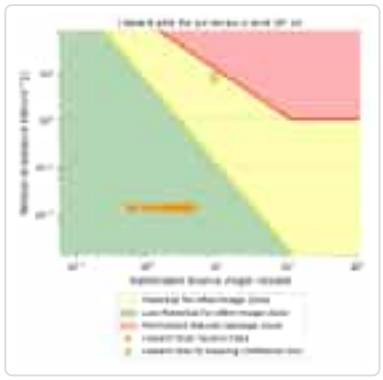
PV array 2: OP 24

PV array is expected to produce the following glare for this receptor:

- 58 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 2: OP 25

No glare found

PV array 2: OP 26

No glare found

PV array 2: OP 27

No glare found

PV array 2: OP 28

No glare found

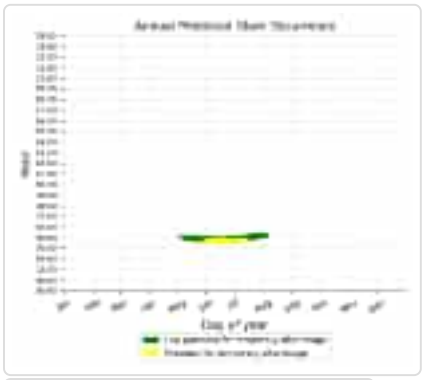
PV array 2: OP 29

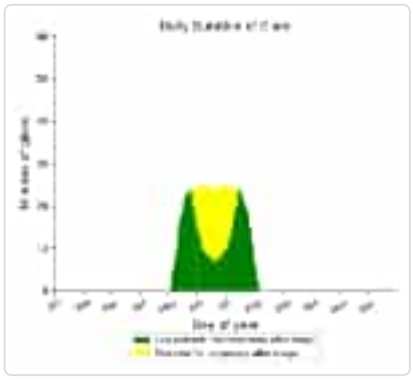
No glare found

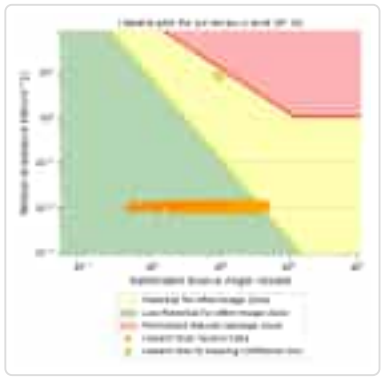
PV array 2: OP 30

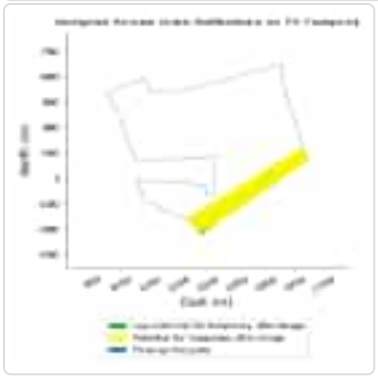
PV array is expected to produce the following glare for this receptor:

- 1,270 minutes of "green" glare with low potential to cause temporary after-image.
- 635 minutes of "yellow" glare with potential to cause temporary after-image.





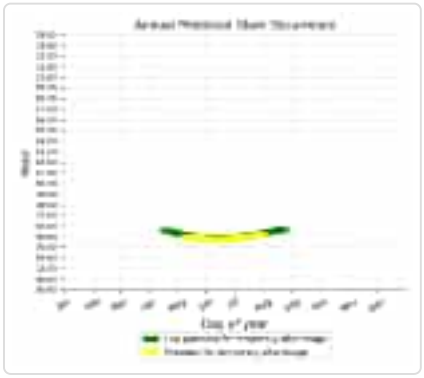


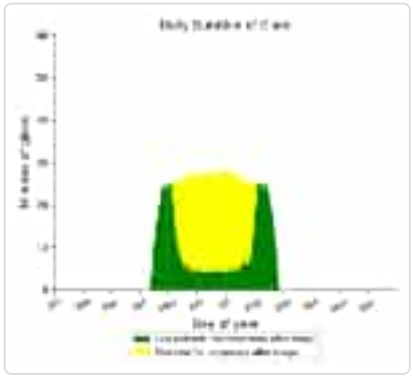


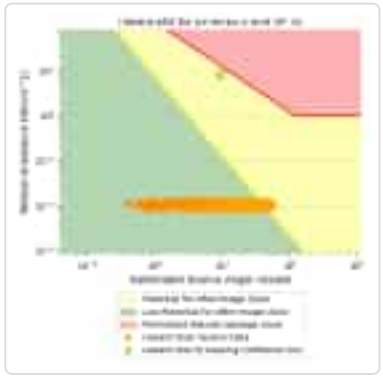
PV array 2: OP 31

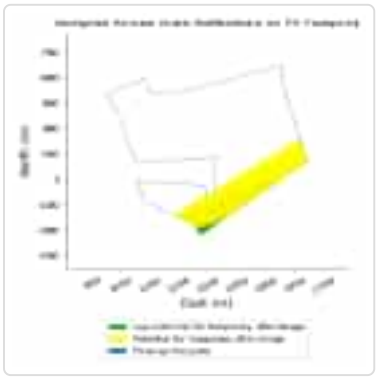
PV array is expected to produce the following glare for this receptor:

- 1,487 minutes of "green" glare with low potential to cause temporary after-image.
- 1,846 minutes of "yellow" glare with potential to cause temporary after-image.





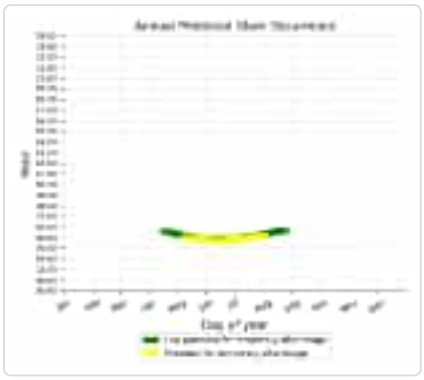


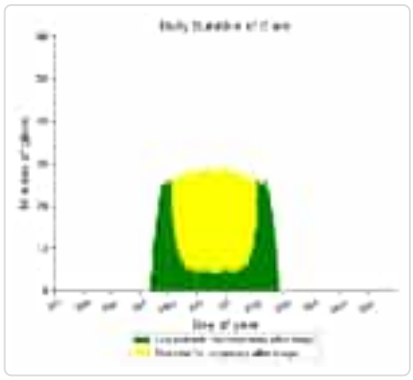


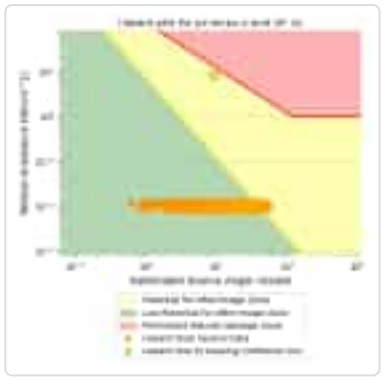
PV array 2: OP 32

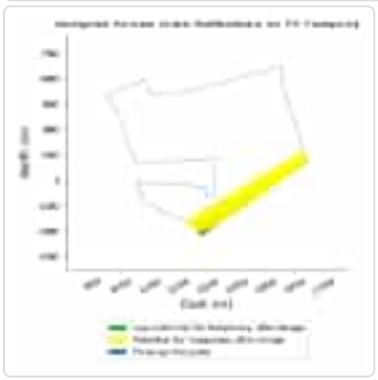
PV array is expected to produce the following glare for this receptor:

- 1,504 minutes of "green" glare with low potential to cause temporary after-image.
- 1,952 minutes of "yellow" glare with potential to cause temporary after-image.





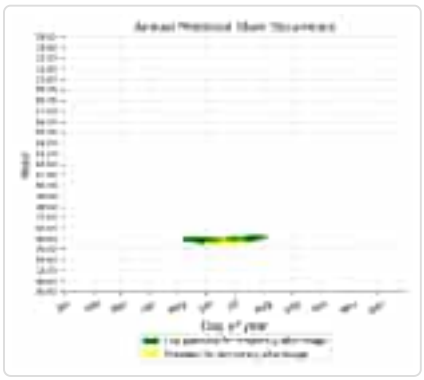


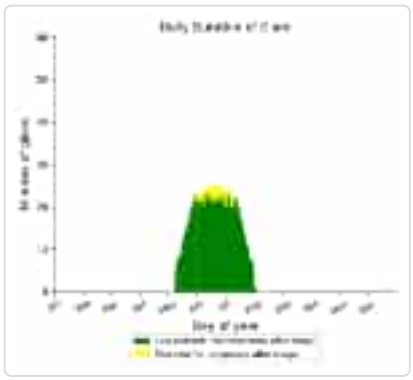


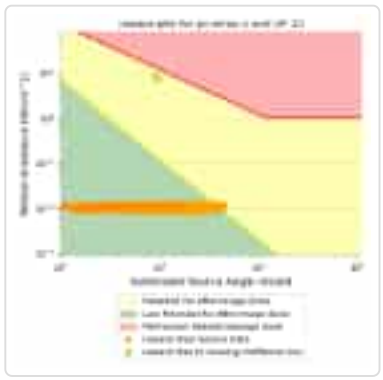
PV array 2: OP 33

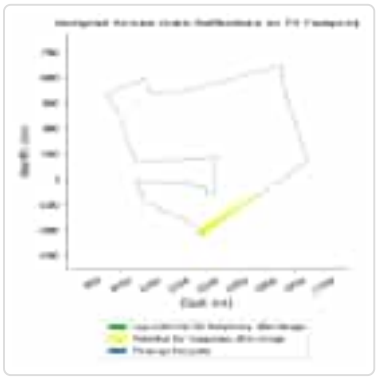
PV array is expected to produce the following glare for this receptor:

- 1,503 minutes of "green" glare with low potential to cause temporary after-image.
- 102 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 34

No glare found

PV array 2: OP 35

No glare found

PV array 2: OP 36

No glare found

PV array 2: OP 37

No glare found

PV array 2: OP 38

No glare found

PV array 2: OP 39

No glare found

PV array 2: OP 40

No glare found

PV array 2: OP 41

No glare found

PV array 2: OP 42

No glare found

PV array 2: OP 43

No glare found

PV array 2: OP 44

No glare found

PV array 2: OP 45

No glare found

PV array 2: OP 46

No glare found

PV array 2: OP 47

No glare found

PV array 2: OP 48

No glare found

PV array 2: OP 49

No glare found

PV array 2: OP 50

No glare found

PV array 2: OP 51

No glare found

PV array 2: OP 52

No glare found

PV array 2: OP 53

No glare found

PV array 2: OP 54

No glare found

PV array 2: OP 55

No glare found

PV array 2: OP 56

No glare found

PV array 2: OP 57

No glare found

PV array 2: OP 58

No glare found

PV array 2: OP 59

No glare found

PV array 2: OP 60

No glare found

PV array 2: OP 61

No glare found

PV array 2: OP 62

No glare found

PV array 2: OP 63

No glare found

PV array 2: OP 64

No glare found

PV array 2: OP 65

No glare found

PV array 2: OP 66

No glare found

PV array 2: OP 67

No glare found

PV array 2: OP 68

No glare found

PV array 2: OP 69

No glare found

PV array 2: OP 70

No glare found

PV array 2: OP 71

No glare found

PV array 2: OP 72

No glare found

PV array 2: OP 73

No glare found

PV array 2: OP 74

No glare found

PV array 2: OP 75

No glare found

PV array 2: OP 76

No glare found

PV array 2: OP 77

No glare found

PV array 2: OP 78

No glare found

PV array 2: OP 79

No glare found

PV array 3 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	2452	221
OP: OP 23	0	0
OP: OP 24	303	0
OP: OP 25	854	24
OP: OP 26	664	364
OP: OP 27	6361	12215
OP: OP 28	5595	6000
OP: OP 29	4560	1905
OP: OP 30	939	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0

OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	1566	60
OP: OP 37	778	973
OP: OP 38	649	1158
OP: OP 39	1117	109
OP: OP 40	1501	87
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	1678	0
OP: OP 46	1646	0
OP: OP 47	1694	0
OP: OP 48	1509	0
OP: OP 49	1589	0
OP: OP 50	1673	0
OP: OP 51	1644	0
OP: OP 52	1711	0
OP: OP 53	1394	0
OP: OP 54	1335	0
OP: OP 55	1347	0
OP: OP 56	1323	0
OP: OP 57	991	0
OP: OP 58	680	0
OP: OP 59	464	0
OP: OP 60	0	0
OP: OP 61	675	0
OP: OP 62	685	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

PV array 3: OP 1

No glare found

PV array 3: OP 2

No glare found

PV array 3: OP 3

No glare found

PV array 3: OP 4

No glare found

PV array 3: OP 5

No glare found

PV array 3: OP 6

No glare found

PV array 3: OP 7

No glare found

PV array 3: OP 8

No glare found

PV array 3: OP 9

No glare found

PV array 3: OP 10

No glare found

PV array 3: OP 11

No glare found

PV array 3: OP 12

No glare found

PV array 3: OP 13

No glare found

PV array 3: OP 14

No glare found

PV array 3: OP 15

No glare found

PV array 3: OP 16

No glare found

PV array 3: OP 17

No glare found

PV array 3: OP 18

No glare found

PV array 3: OP 19

No glare found

PV array 3: OP 20

No glare found

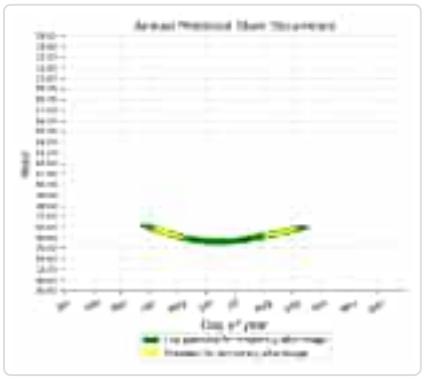
PV array 3: OP 21

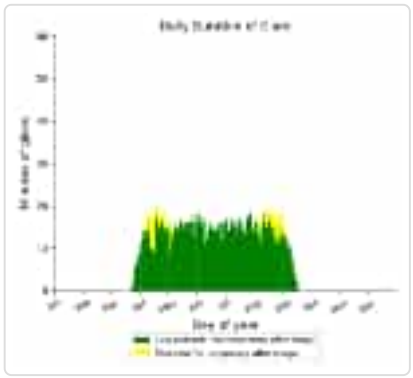
No glare found

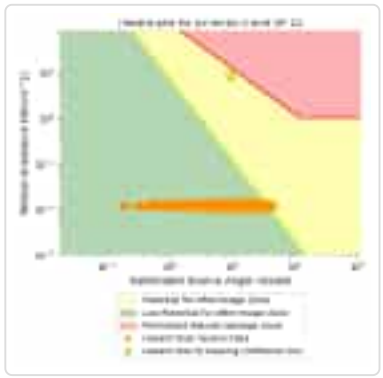
PV array 3: OP 22

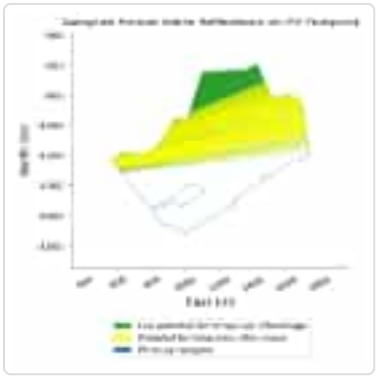
PV array is expected to produce the following glare for this receptor:

- 2,452 minutes of "green" glare with low potential to cause temporary after-image.
- 221 minutes of "yellow" glare with potential to cause temporary after-image.









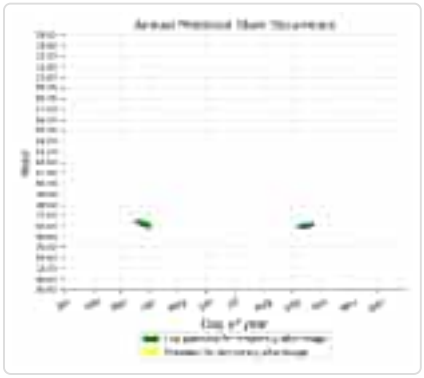
PV array 3: OP 23

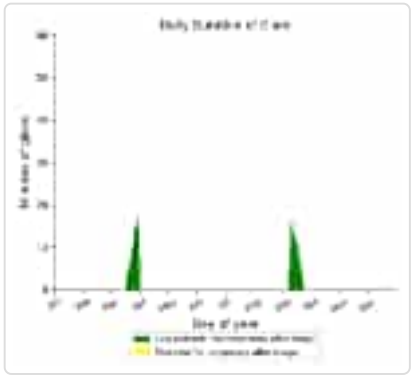
No glare found

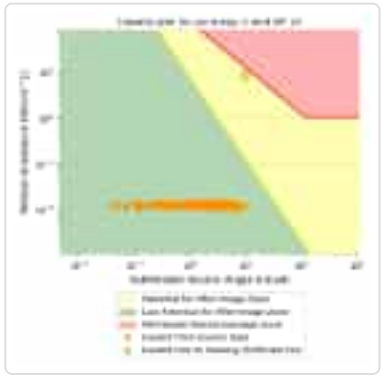
PV array 3: OP 24

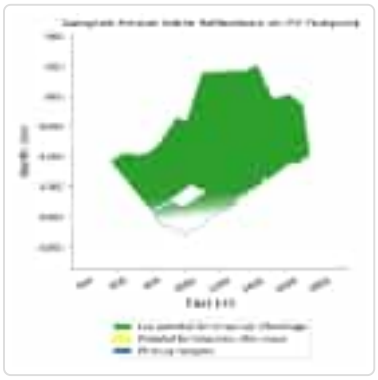
PV array is expected to produce the following glare for this receptor:

- 303 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





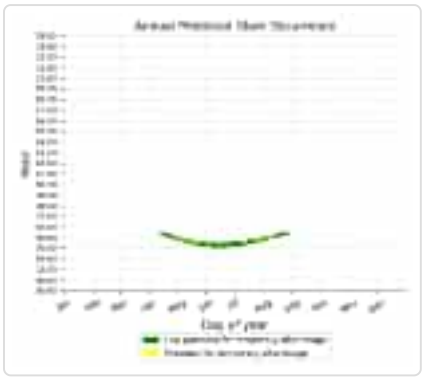


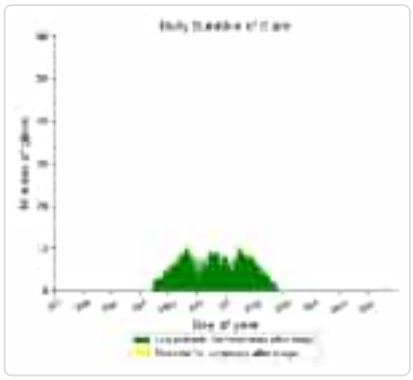


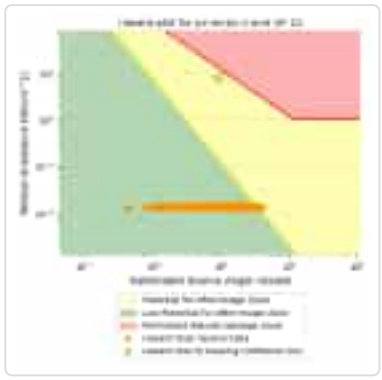
PV array 3: OP 25

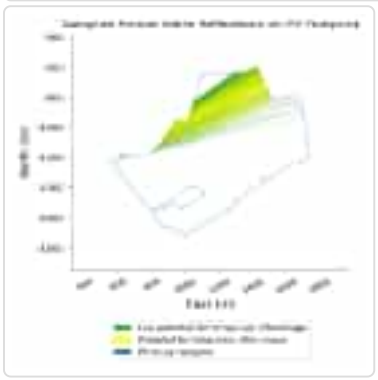
PV array is expected to produce the following glare for this receptor:

- 854 minutes of "green" glare with low potential to cause temporary after-image.
- 24 minutes of "yellow" glare with potential to cause temporary after-image.





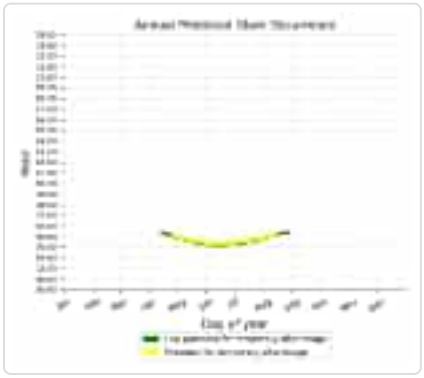


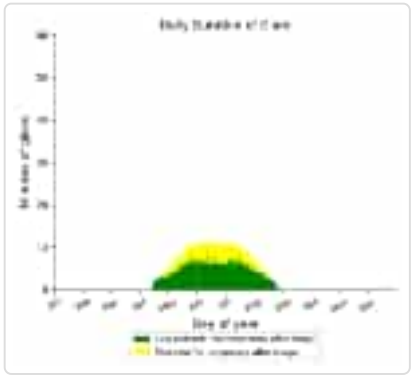


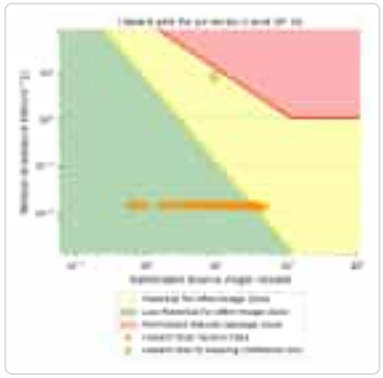
PV array 3: OP 26

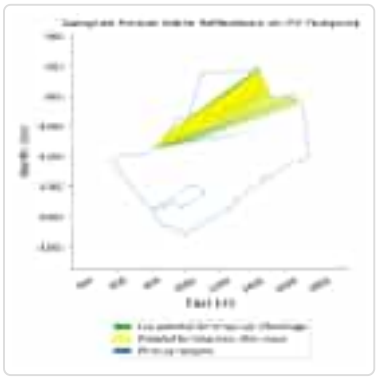
PV array is expected to produce the following glare for this receptor:

- 664 minutes of "green" glare with low potential to cause temporary after-image.
- 364 minutes of "yellow" glare with potential to cause temporary after-image.





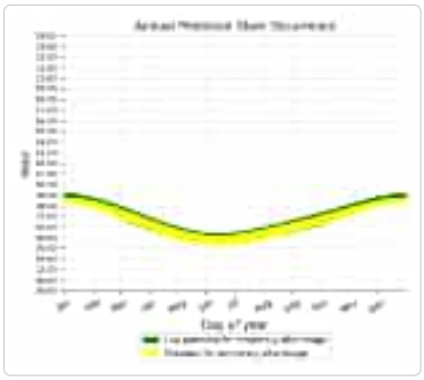


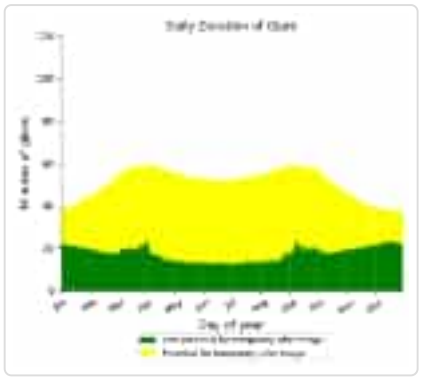


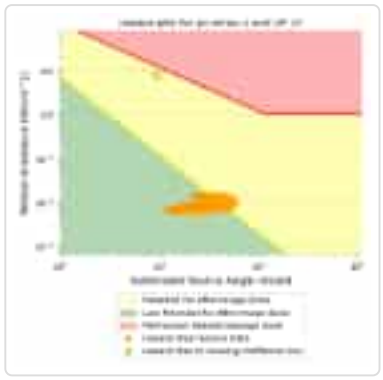
PV array 3: OP 27

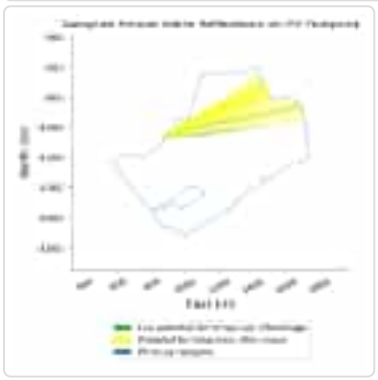
PV array is expected to produce the following glare for this receptor:

- 6,361 minutes of "green" glare with low potential to cause temporary after-image.
- 12,215 minutes of "yellow" glare with potential to cause temporary after-image.





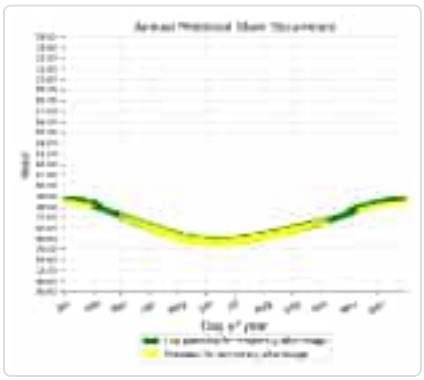


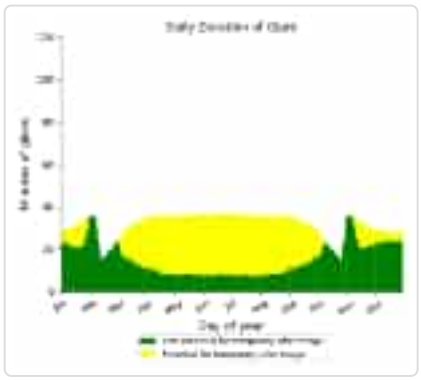


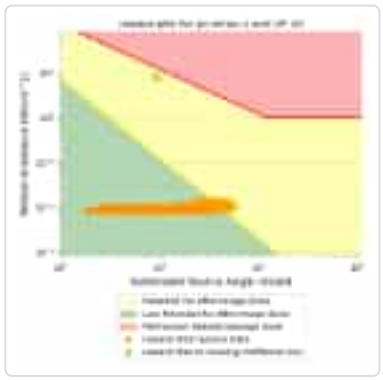
PV array 3: OP 28

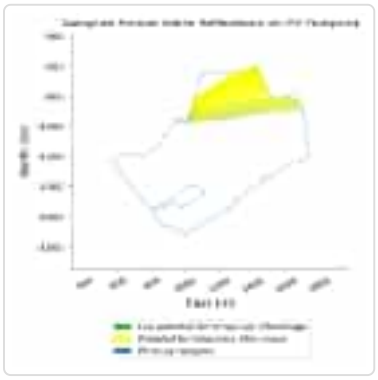
PV array is expected to produce the following glare for this receptor:

- 5,595 minutes of "green" glare with low potential to cause temporary after-image.
- 6,000 minutes of "yellow" glare with potential to cause temporary after-image.





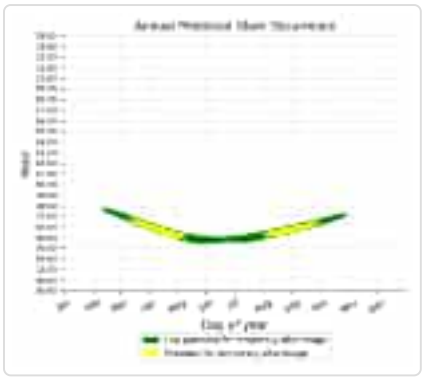


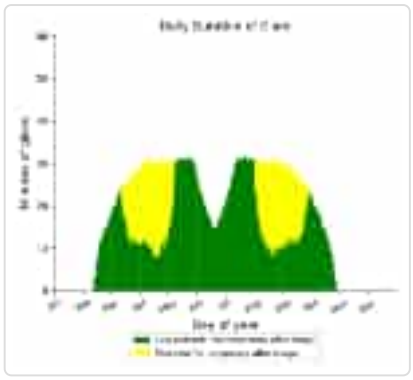


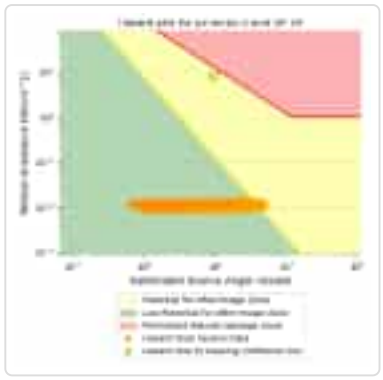
PV array 3: OP 29

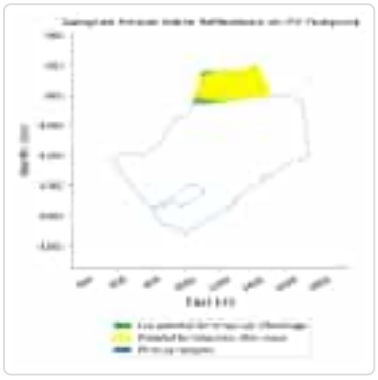
PV array is expected to produce the following glare for this receptor:

- 4,560 minutes of "green" glare with low potential to cause temporary after-image.
- 1,905 minutes of "yellow" glare with potential to cause temporary after-image.





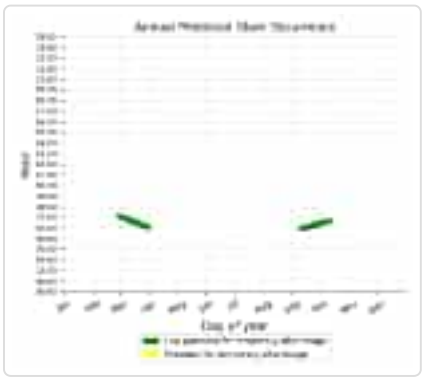


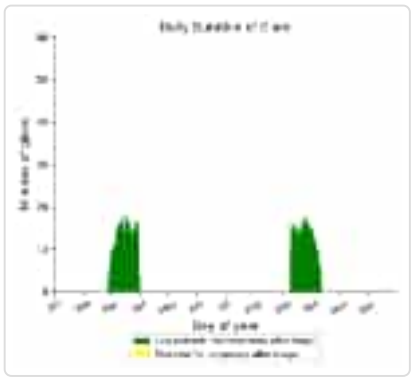


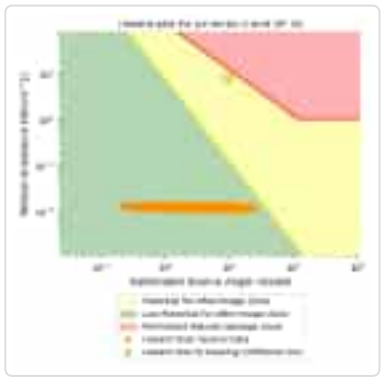
PV array 3: OP 30

PV array is expected to produce the following glare for this receptor:

- 939 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 3: OP 31

No glare found

PV array 3: OP 32

No glare found

PV array 3: OP 33

No glare found

PV array 3: OP 34

No glare found

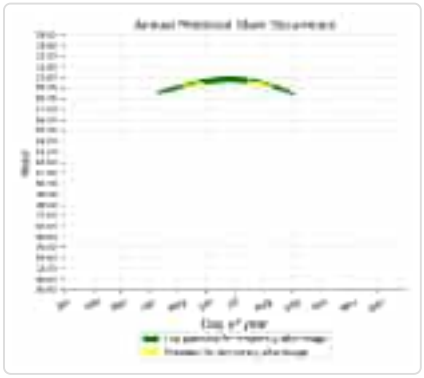
PV array 3: OP 35

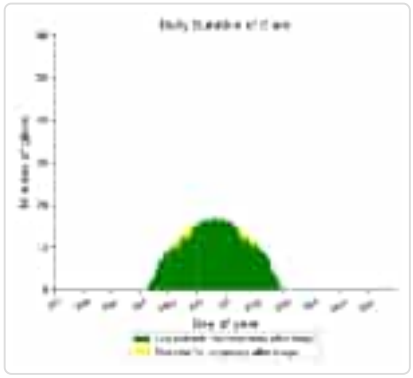
No glare found

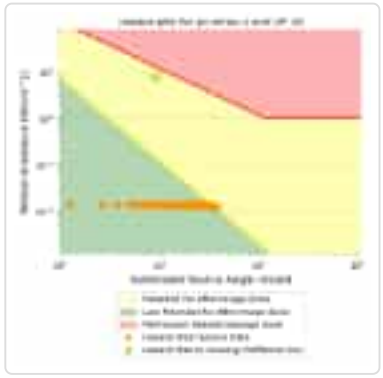
PV array 3: OP 36

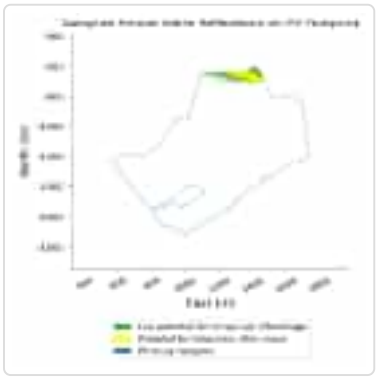
PV array is expected to produce the following glare for this receptor:

- 1,566 minutes of "green" glare with low potential to cause temporary after-image.
- 60 minutes of "yellow" glare with potential to cause temporary after-image.





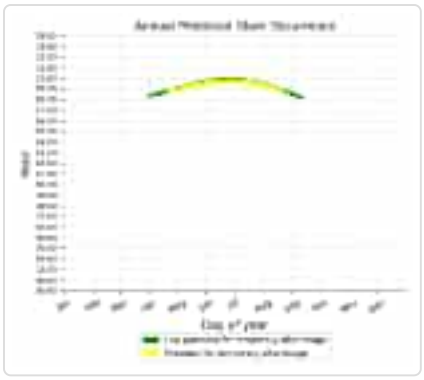


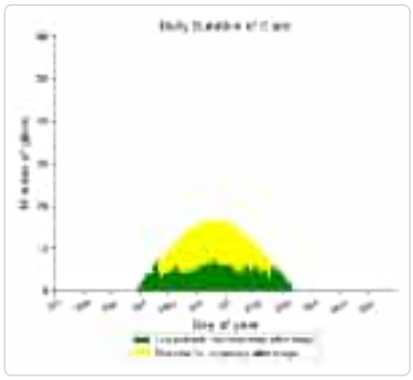


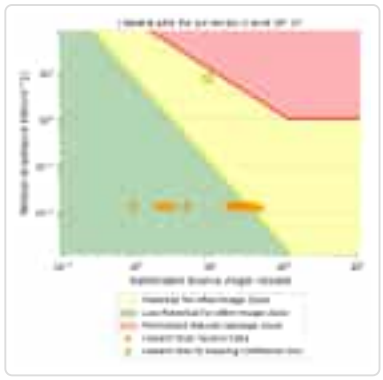
PV array 3: OP 37

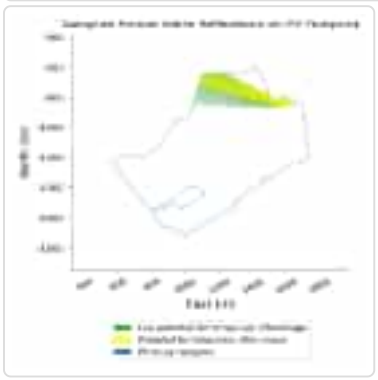
PV array is expected to produce the following glare for this receptor:

- 778 minutes of "green" glare with low potential to cause temporary after-image.
- 973 minutes of "yellow" glare with potential to cause temporary after-image.





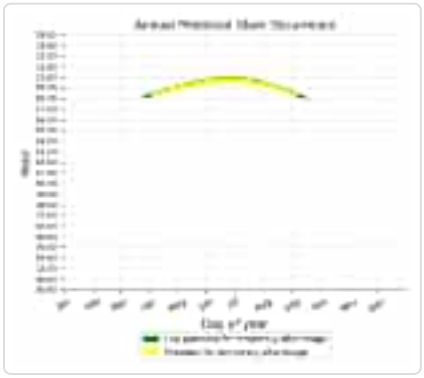


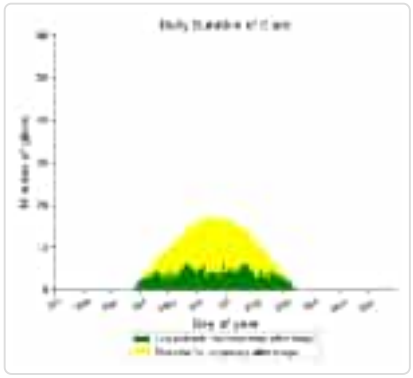


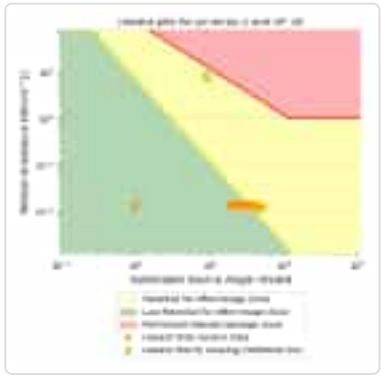
PV array 3: OP 38

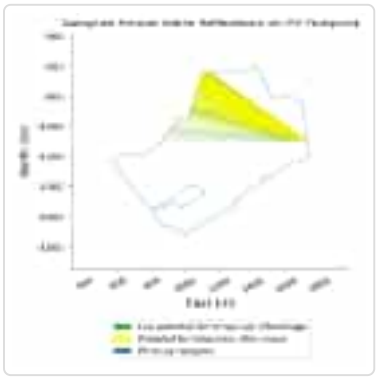
PV array is expected to produce the following glare for this receptor:

- 649 minutes of "green" glare with low potential to cause temporary after-image.
- 1,158 minutes of "yellow" glare with potential to cause temporary after-image.





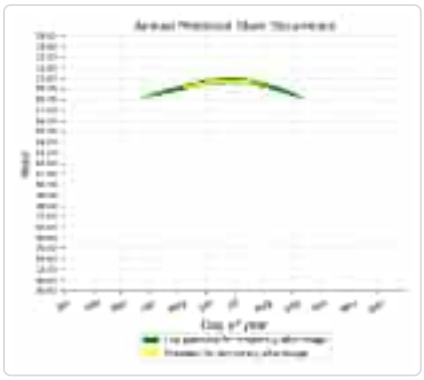


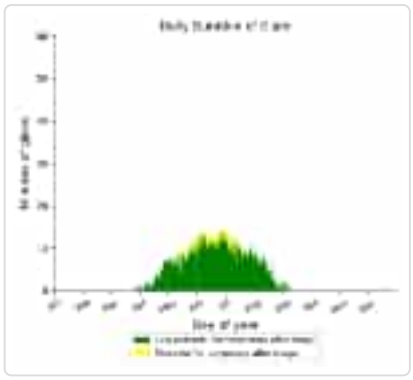


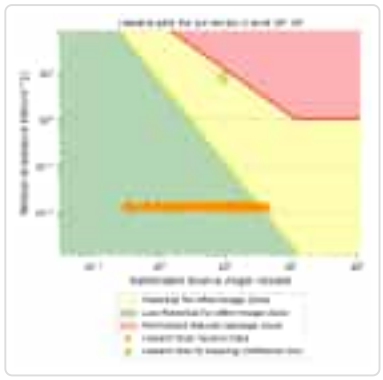
PV array 3: OP 39

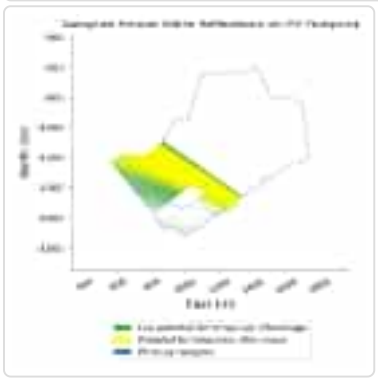
PV array is expected to produce the following glare for this receptor:

- 1,117 minutes of "green" glare with low potential to cause temporary after-image.
- 109 minutes of "yellow" glare with potential to cause temporary after-image.





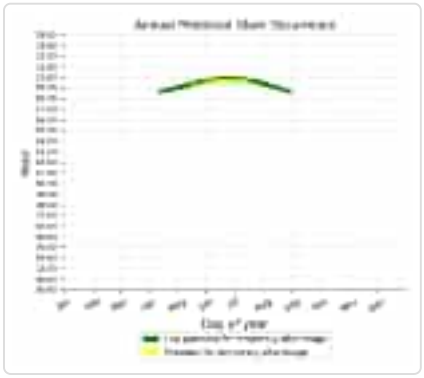


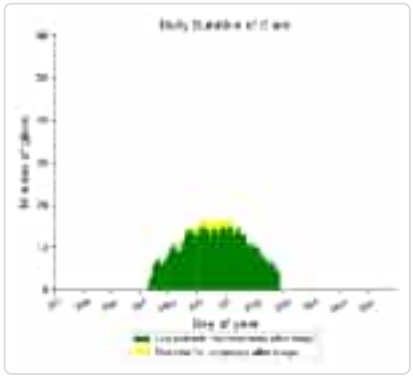


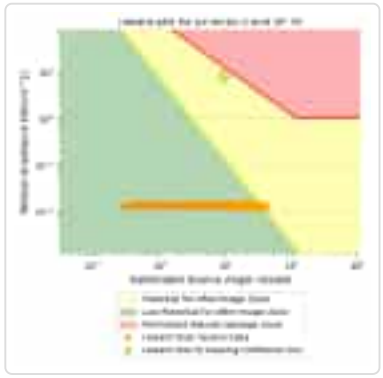
PV array 3: OP 40

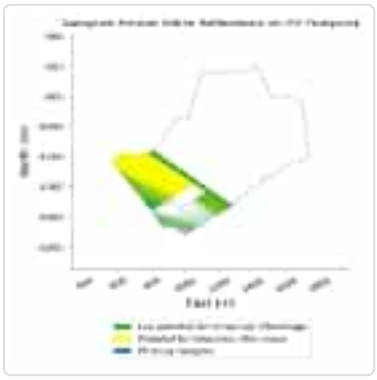
PV array is expected to produce the following glare for this receptor:

- 1,501 minutes of "green" glare with low potential to cause temporary after-image.
- 87 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 41

No glare found

PV array 3: OP 42

No glare found

PV array 3: OP 43

No glare found

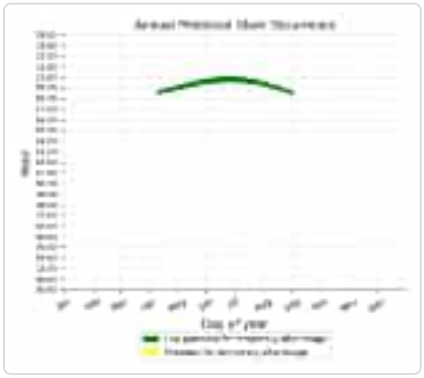
PV array 3: OP 44

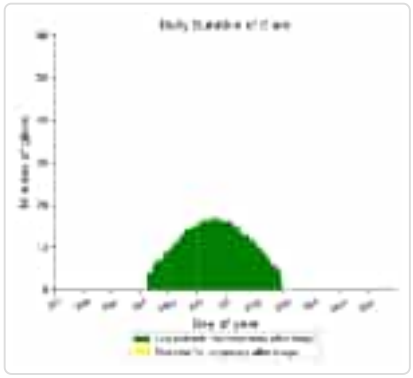
No glare found

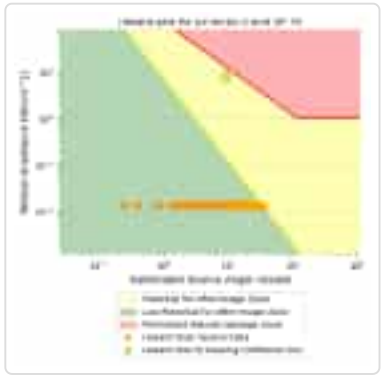
PV array 3: OP 45

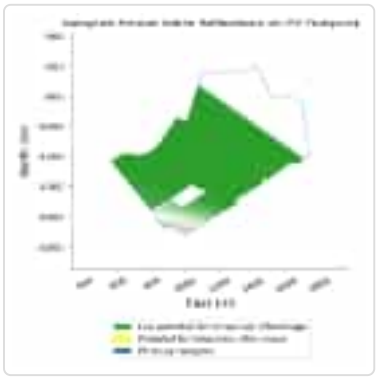
PV array is expected to produce the following glare for this receptor:

- 1,678 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





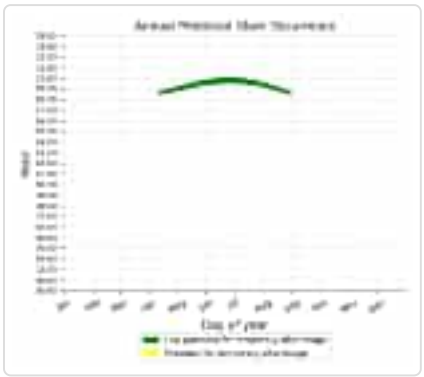


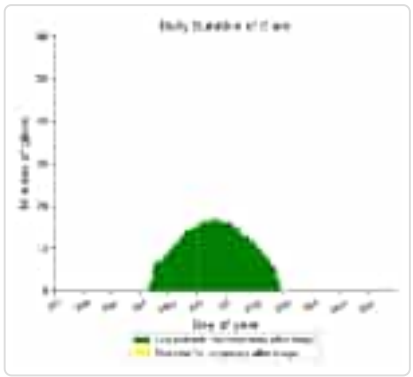


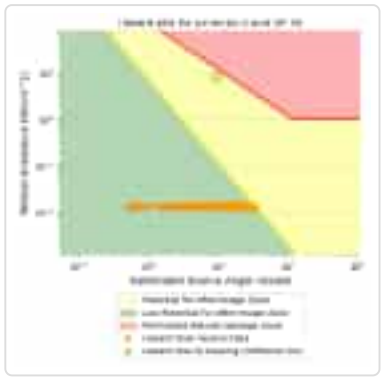
PV array 3: OP 46

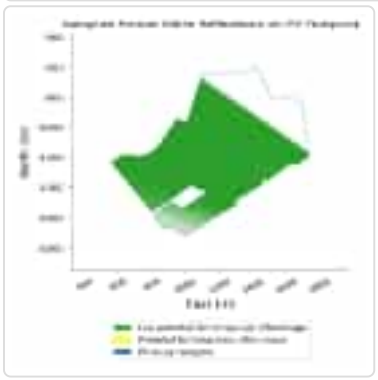
PV array is expected to produce the following glare for this receptor:

- 1,646 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





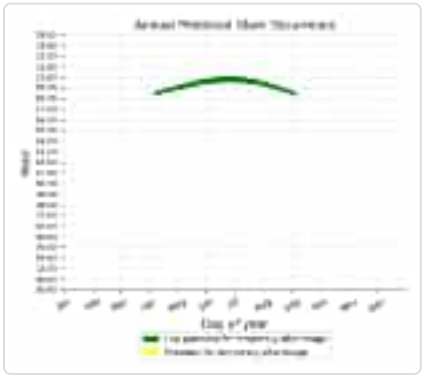


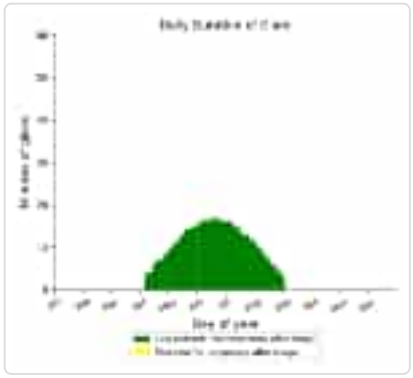


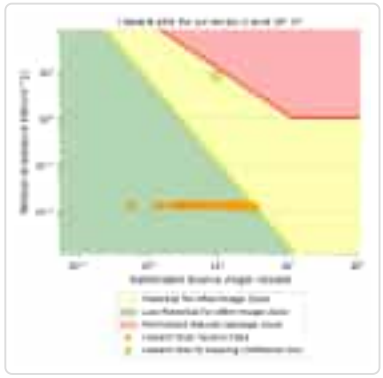
PV array 3: OP 47

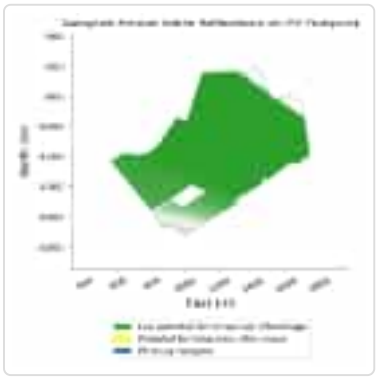
PV array is expected to produce the following glare for this receptor:

- 1,694 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





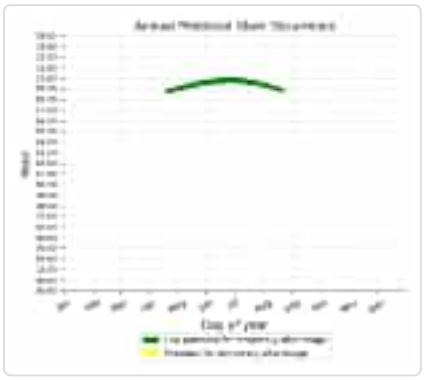


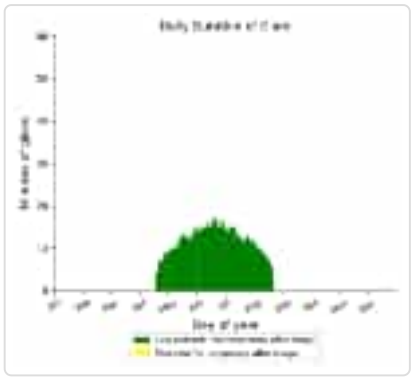


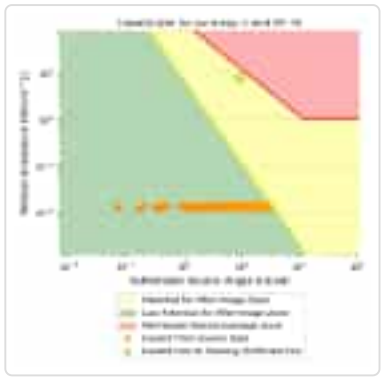
PV array 3: OP 48

PV array is expected to produce the following glare for this receptor:

- 1,509 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



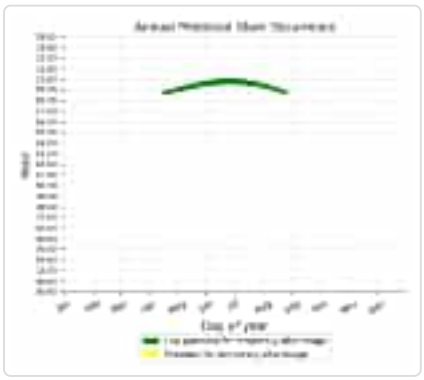


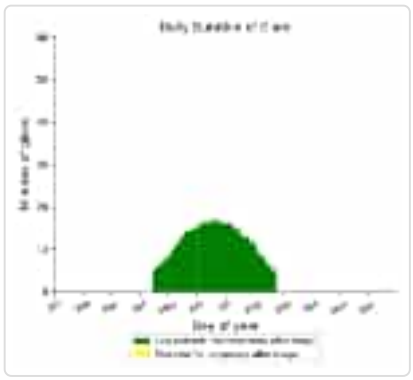


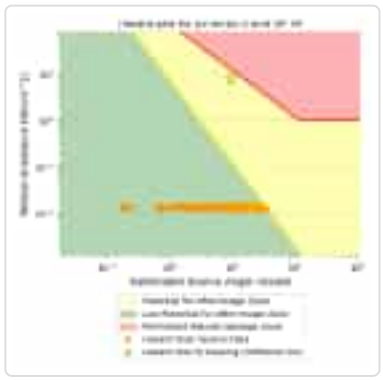
PV array 3: OP 49

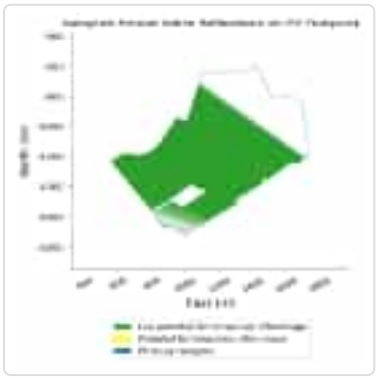
PV array is expected to produce the following glare for this receptor:

- 1,589 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





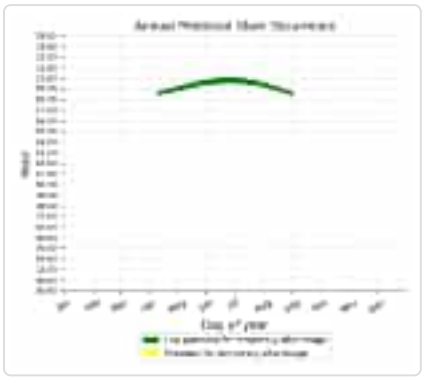


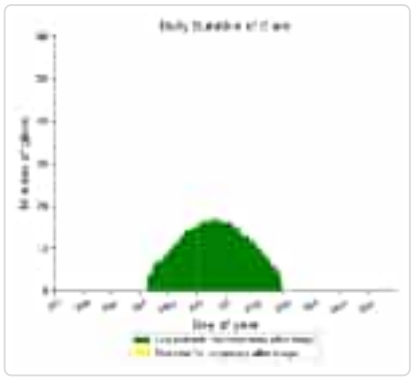


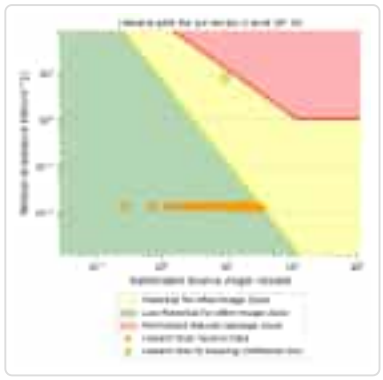
PV array 3: OP 50

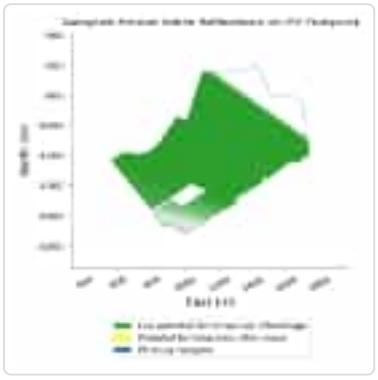
PV array is expected to produce the following glare for this receptor:

- 1,673 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





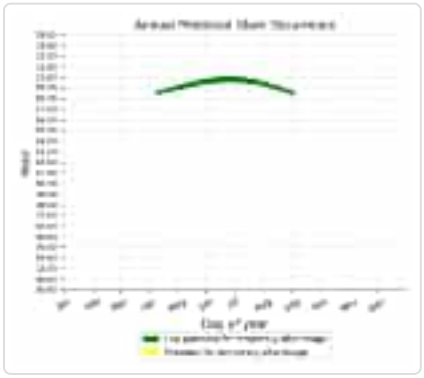


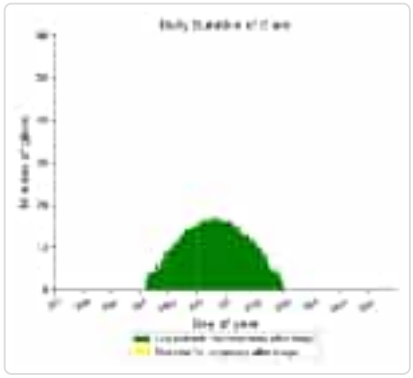


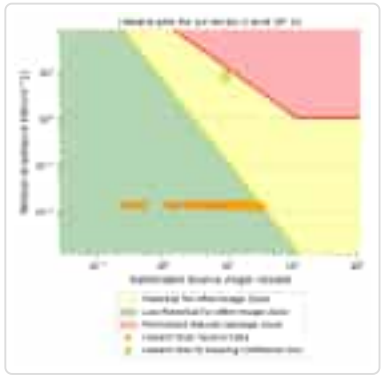
PV array 3: OP 51

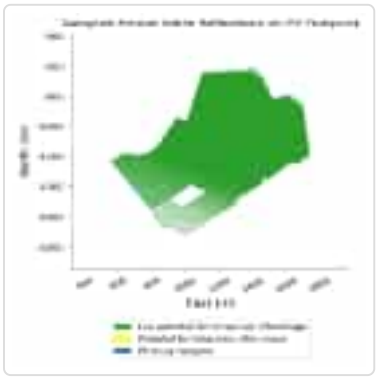
PV array is expected to produce the following glare for this receptor:

- 1,644 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





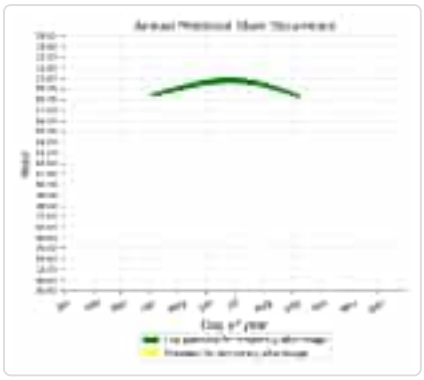


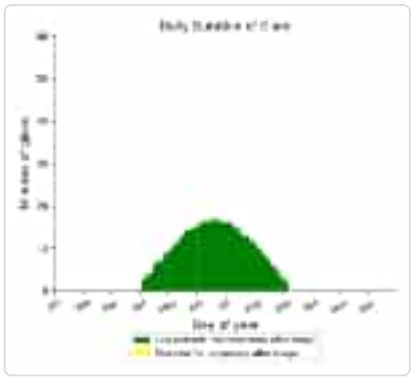


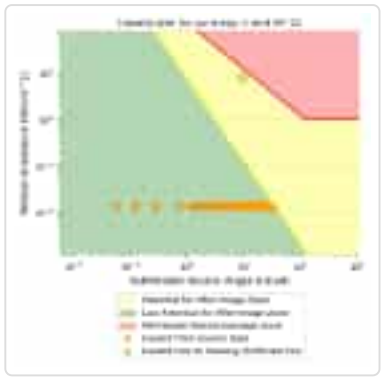
PV array 3: OP 52

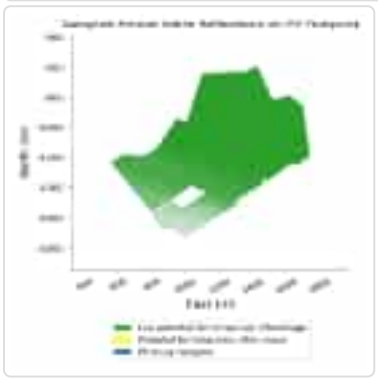
PV array is expected to produce the following glare for this receptor:

- 1,711 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





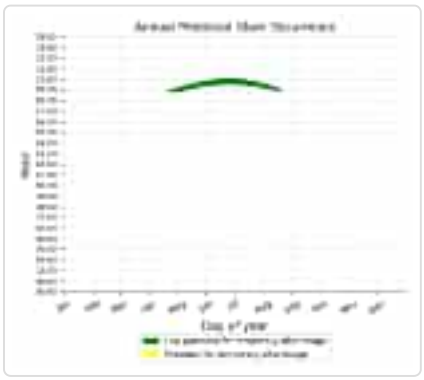


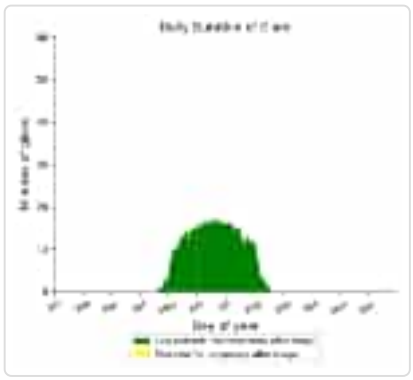


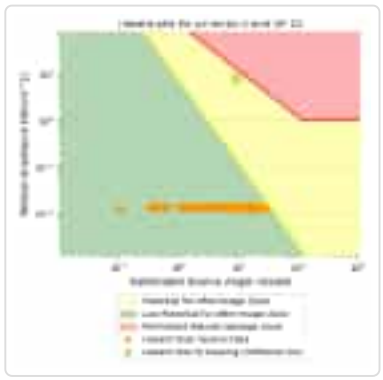
PV array 3: OP 53

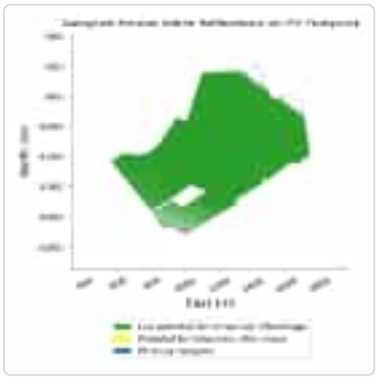
PV array is expected to produce the following glare for this receptor:

- 1,394 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





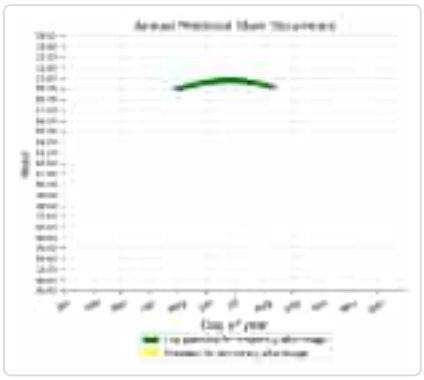


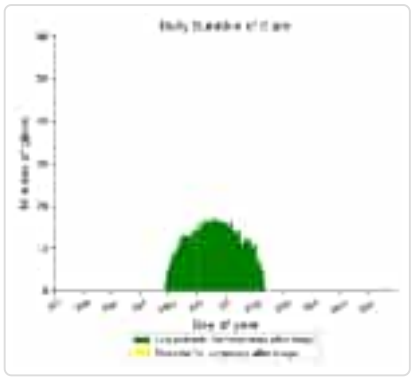


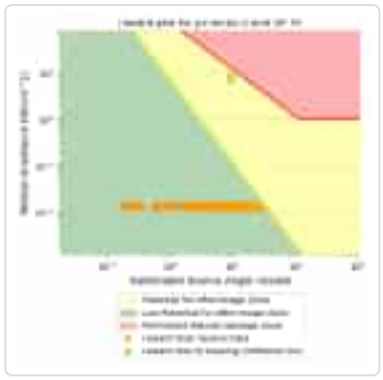
PV array 3: OP 54

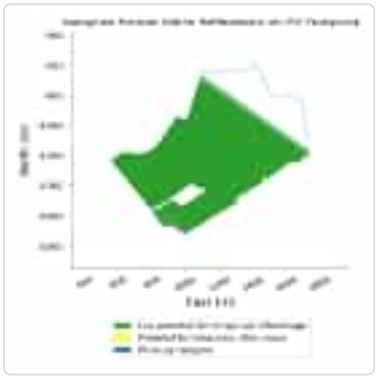
PV array is expected to produce the following glare for this receptor:

- 1,335 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





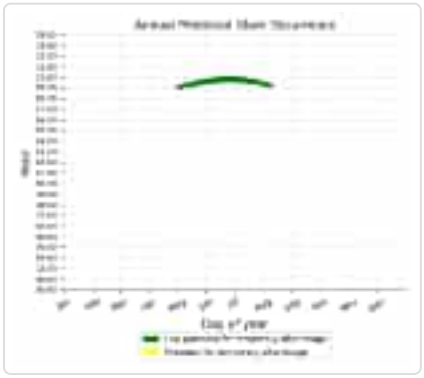


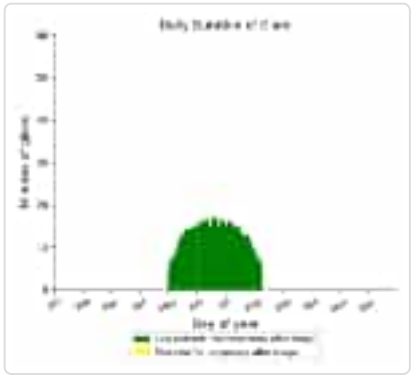


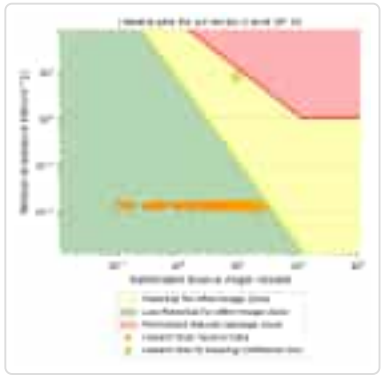
PV array 3: OP 55

PV array is expected to produce the following glare for this receptor:

- 1,347 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



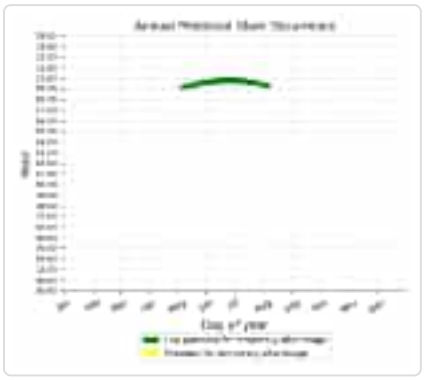


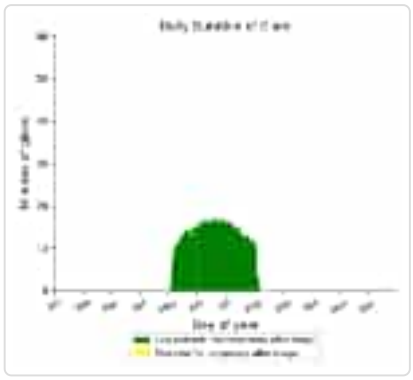


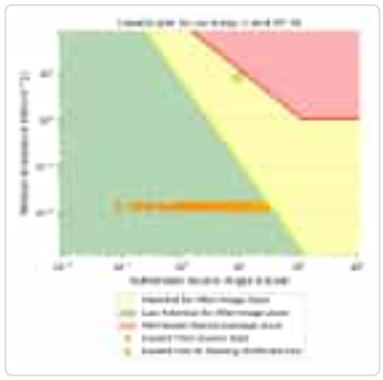
PV array 3: OP 56

PV array is expected to produce the following glare for this receptor:

- 1,323 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



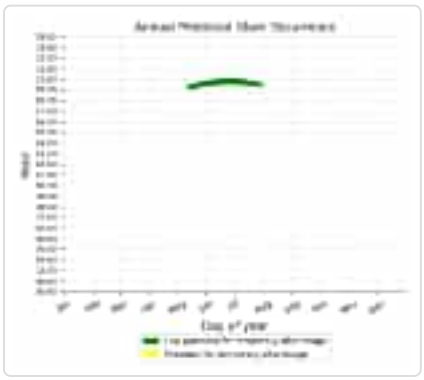


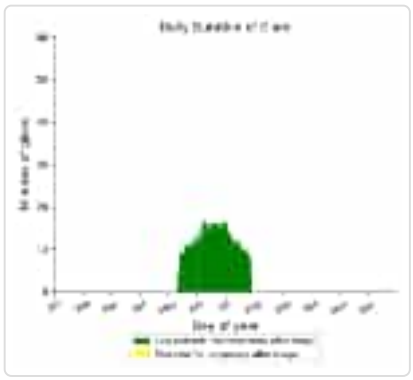


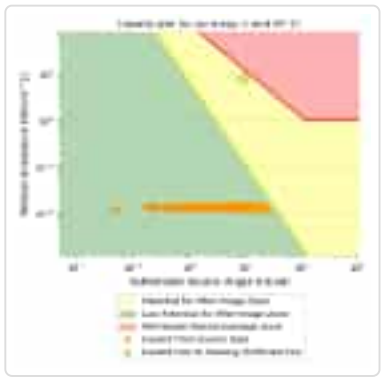
PV array 3: OP 57

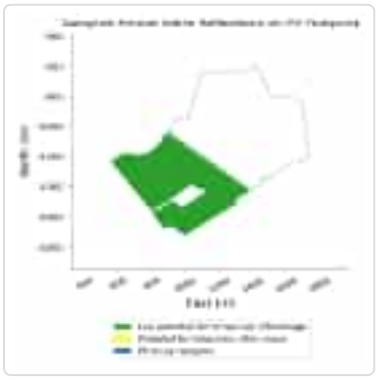
PV array is expected to produce the following glare for this receptor:

- 991 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





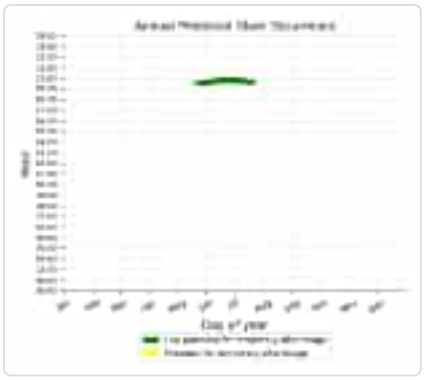


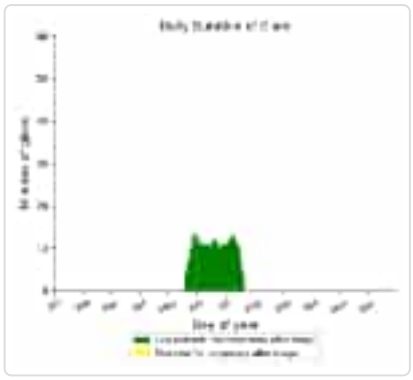


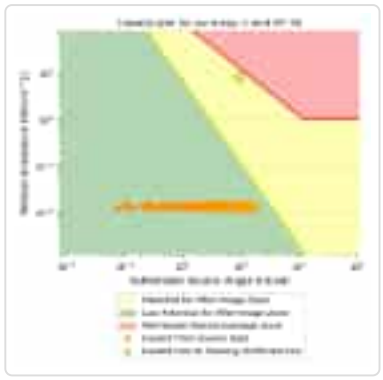
PV array 3: OP 58

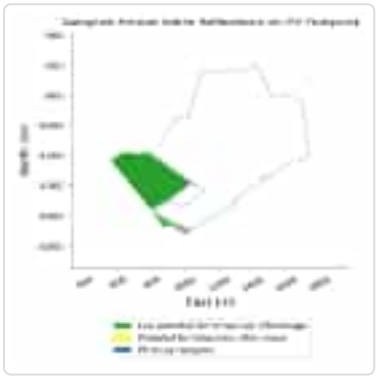
PV array is expected to produce the following glare for this receptor:

- 680 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





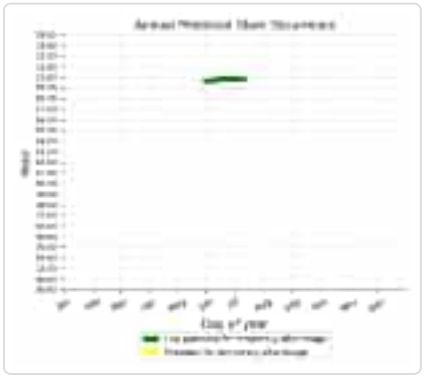


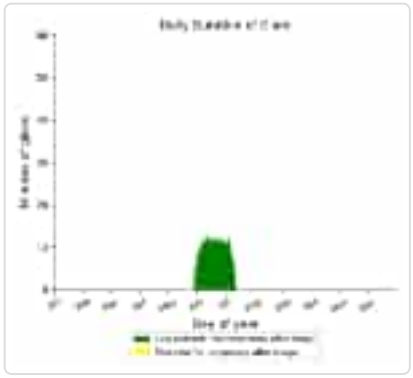


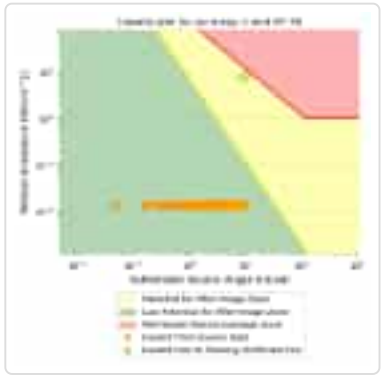
PV array 3: OP 59

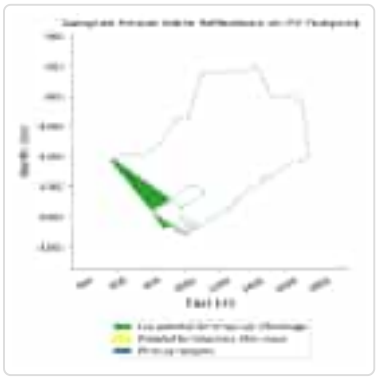
PV array is expected to produce the following glare for this receptor:

- 464 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









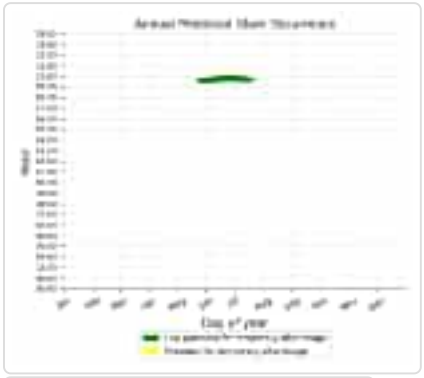
PV array 3: OP 60

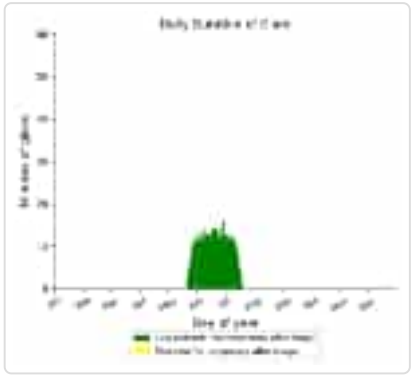
No glare found

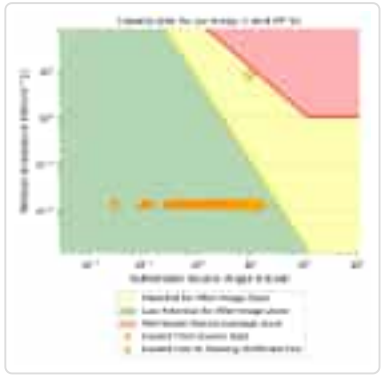
PV array 3: OP 61

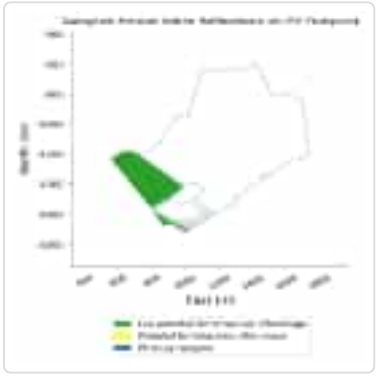
PV array is expected to produce the following glare for this receptor:

- 675 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





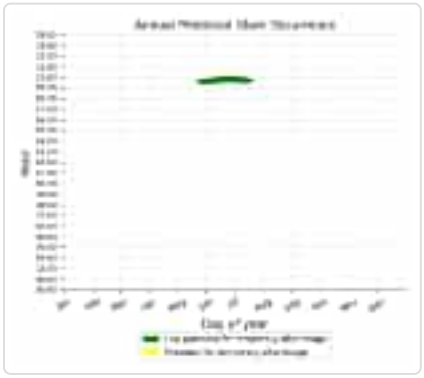


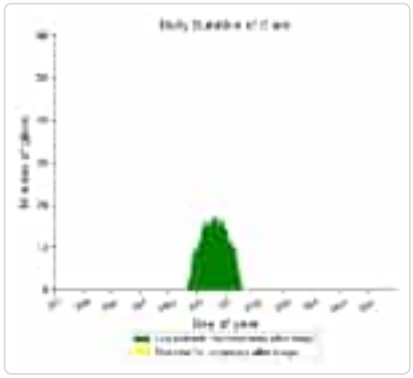


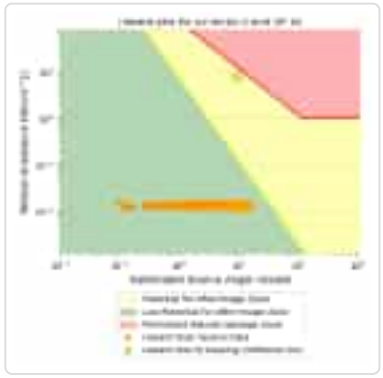
PV array 3: OP 62

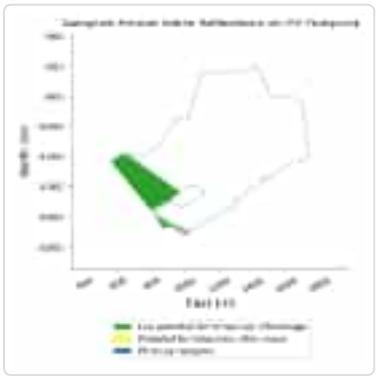
PV array is expected to produce the following glare for this receptor:

- 685 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 63

No glare found

PV array 3: OP 64

No glare found

PV array 3: OP 65

No glare found

PV array 3: OP 66

No glare found

PV array 3: OP 67

No glare found

PV array 3: OP 68

No glare found

PV array 3: OP 69

No glare found

PV array 3: OP 70

No glare found

PV array 3: OP 71

No glare found

PV array 3: OP 72

No glare found

PV array 3: OP 73

No glare found

PV array 3: OP 74

No glare found

PV array 3: OP 75

No glare found

PV array 3: OP 76

No glare found

PV array 3: OP 77

No glare found

PV array 3: OP 78

No glare found

PV array 3: OP 79

No glare found

PV array 4 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	30	0
OP: OP 5	197	0
OP: OP 6	499	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	1513	0
OP: OP 23	1531	0

OP: OP 24	0	0
OP: OP 25	1799	81
OP: OP 26	1518	371
OP: OP 27	1661	217
OP: OP 28	999	16
OP: OP 29	0	0
OP: OP 30	23	0
OP: OP 31	1753	58
OP: OP 32	0	0
OP: OP 33	459	0
OP: OP 34	1363	52
OP: OP 35	603	1291
OP: OP 36	916	988
OP: OP 37	1189	710
OP: OP 38	991	866
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	801	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	311	0
OP: OP 51	928	0
OP: OP 52	1111	0
OP: OP 53	508	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0

OP: OP 78	0	0
OP: OP 79	0	0

PV array 4: OP 1

No glare found

PV array 4: OP 2

No glare found

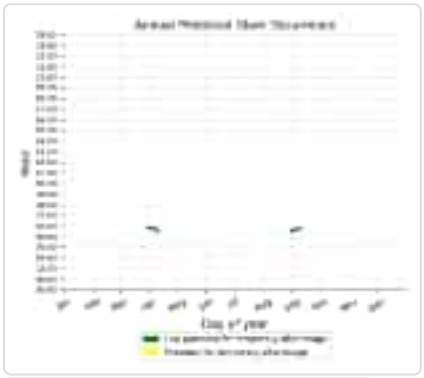
PV array 4: OP 3

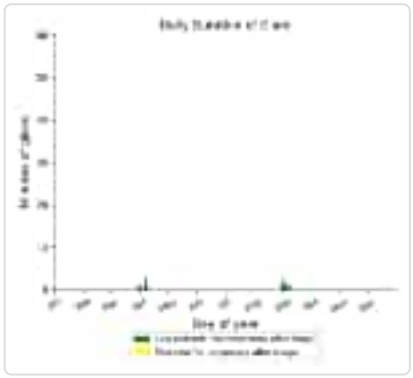
No glare found

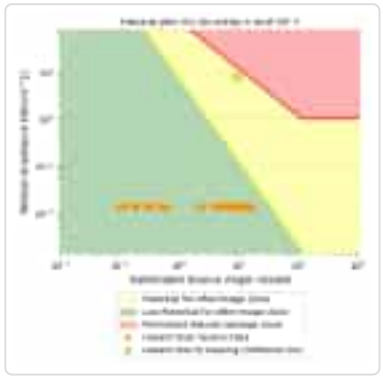
PV array 4: OP 4

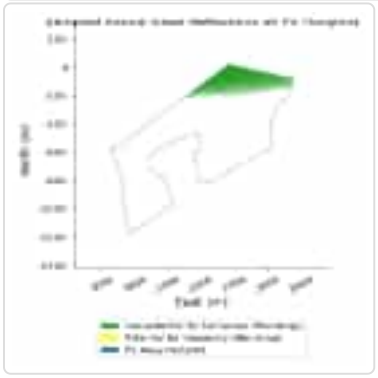
PV array is expected to produce the following glare for this receptor:

- 30 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





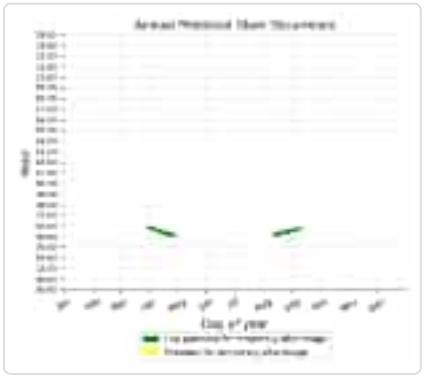


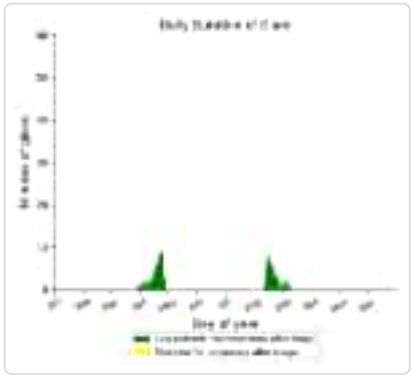


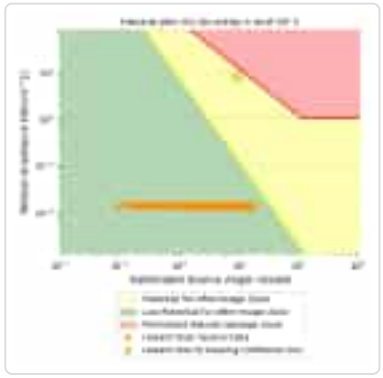
PV array 4: OP 5

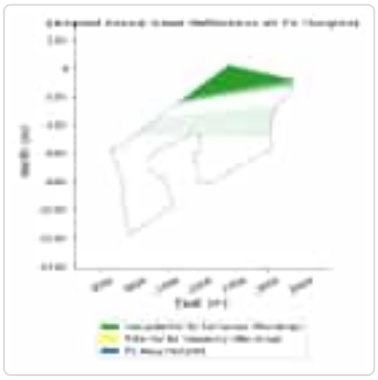
PV array is expected to produce the following glare for this receptor:

- 197 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





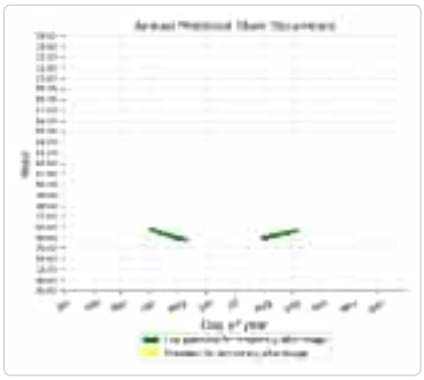


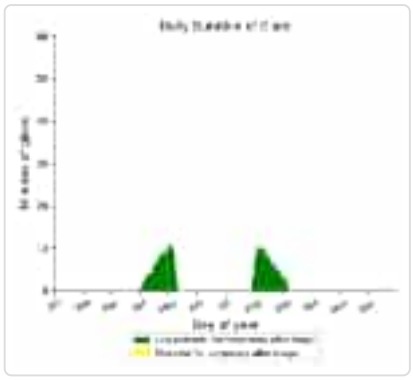


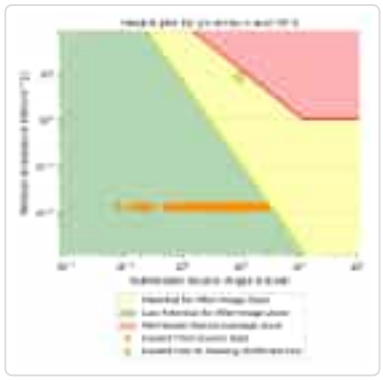
PV array 4: OP 6

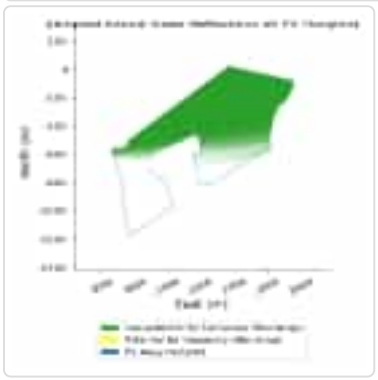
PV array is expected to produce the following glare for this receptor:

- 499 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 7

No glare found

PV array 4: OP 8

No glare found

PV array 4: OP 9

No glare found

PV array 4: OP 10

No glare found

PV array 4: OP 11

No glare found

PV array 4: OP 12

No glare found

PV array 4: OP 13

No glare found

PV array 4: OP 14

No glare found

PV array 4: OP 15

No glare found

PV array 4: OP 16

No glare found

PV array 4: OP 17

No glare found

PV array 4: OP 18

No glare found

PV array 4: OP 19

No glare found

PV array 4: OP 20

No glare found

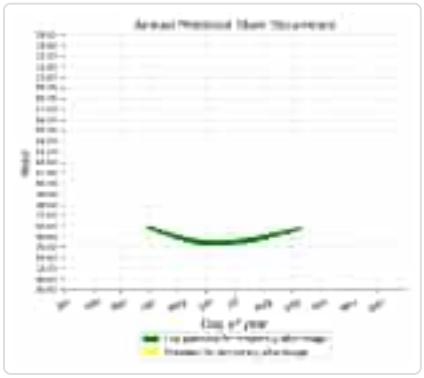
PV array 4: OP 21

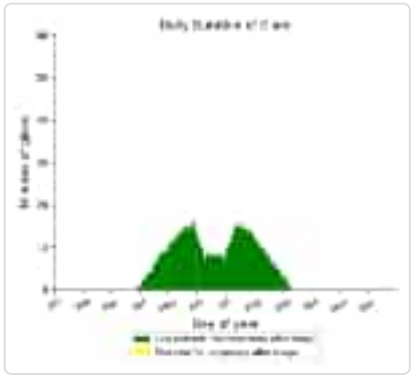
No glare found

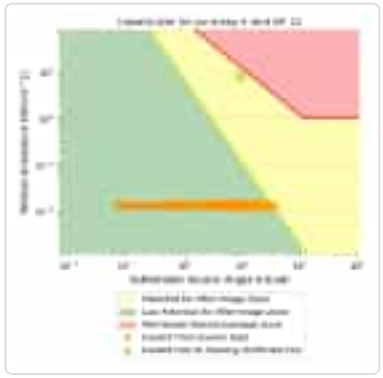
PV array 4: OP 22

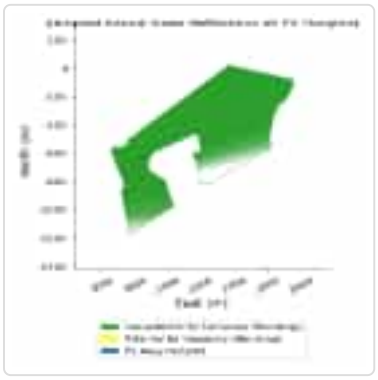
PV array is expected to produce the following glare for this receptor:

- 1,513 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





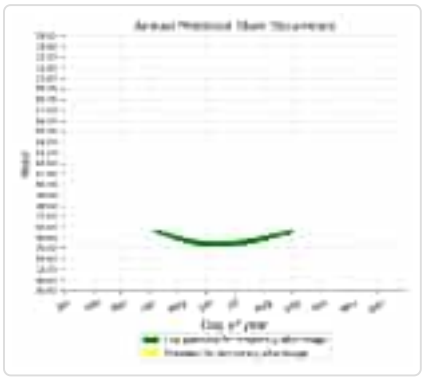


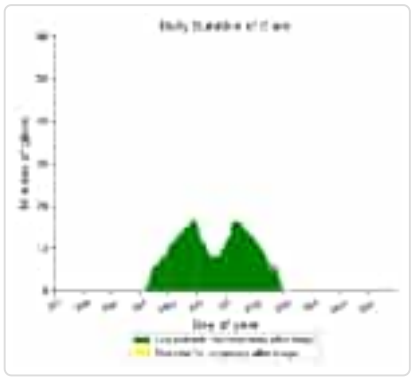


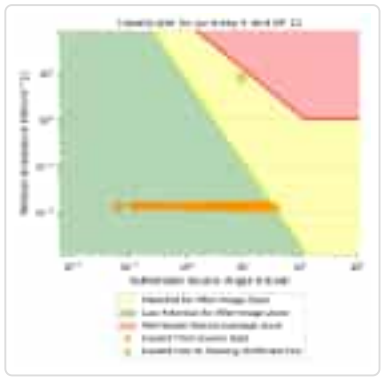
PV array 4: OP 23

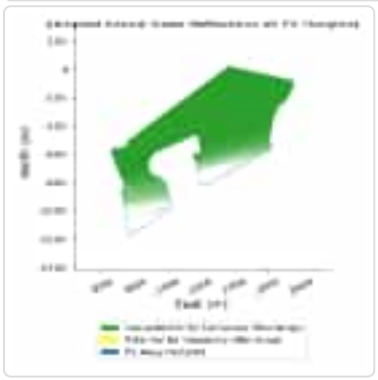
PV array is expected to produce the following glare for this receptor:

- 1,531 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









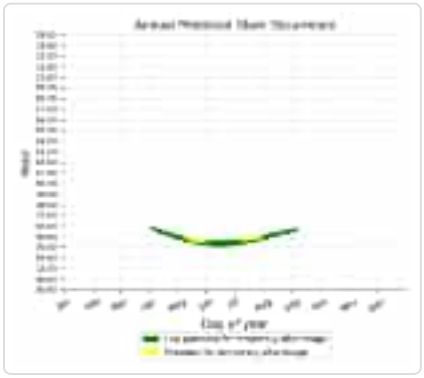
PV array 4: OP 24

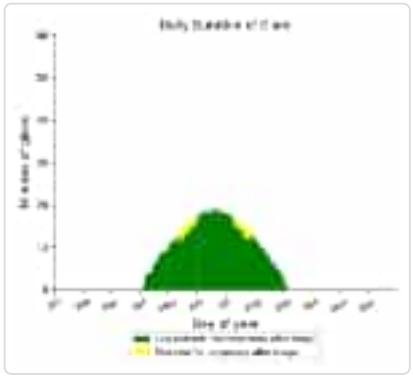
No glare found

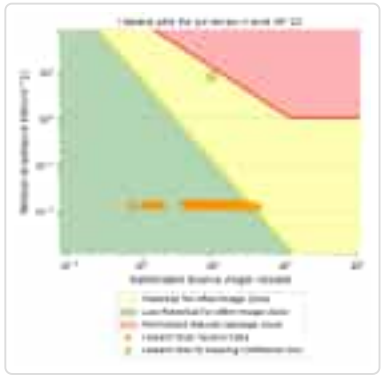
PV array 4: OP 25

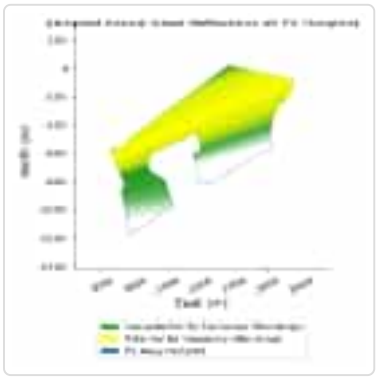
PV array is expected to produce the following glare for this receptor:

- 1,799 minutes of "green" glare with low potential to cause temporary after-image.
- 81 minutes of "yellow" glare with potential to cause temporary after-image.





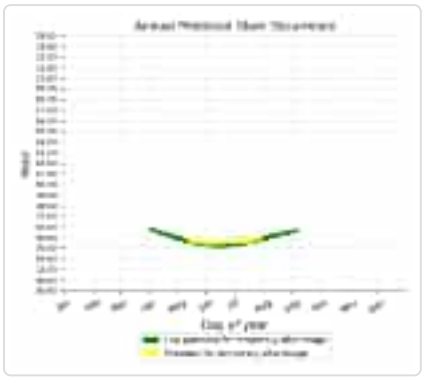


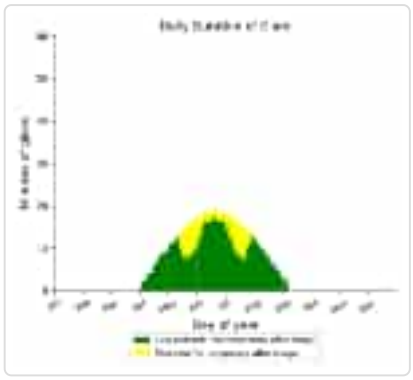


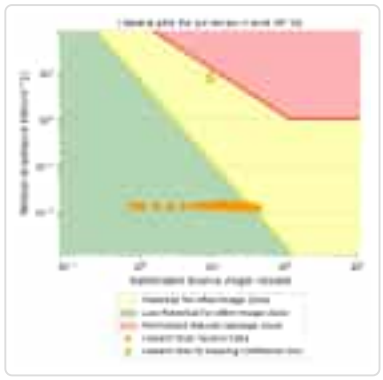
PV array 4: OP 26

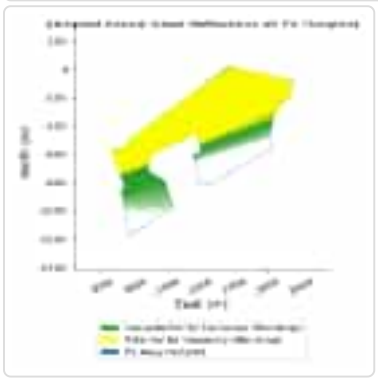
PV array is expected to produce the following glare for this receptor:

- 1,518 minutes of "green" glare with low potential to cause temporary after-image.
- 371 minutes of "yellow" glare with potential to cause temporary after-image.





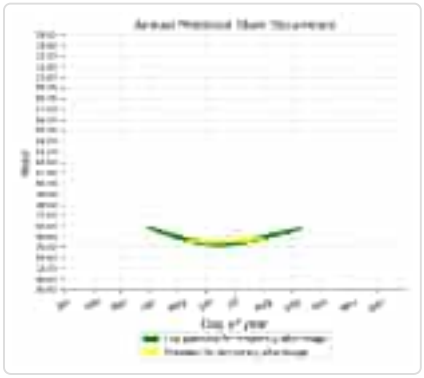


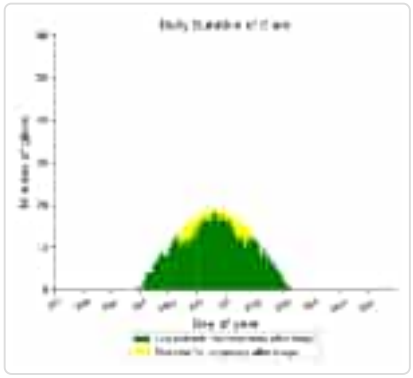


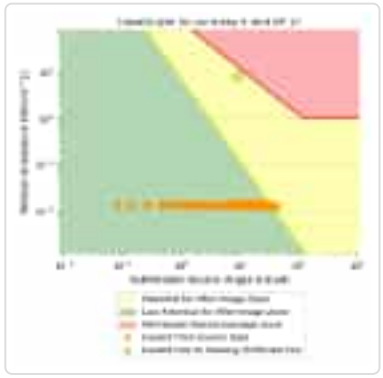
PV array 4: OP 27

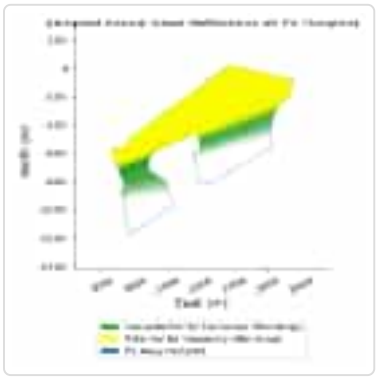
PV array is expected to produce the following glare for this receptor:

- 1,661 minutes of "green" glare with low potential to cause temporary after-image.
- 217 minutes of "yellow" glare with potential to cause temporary after-image.





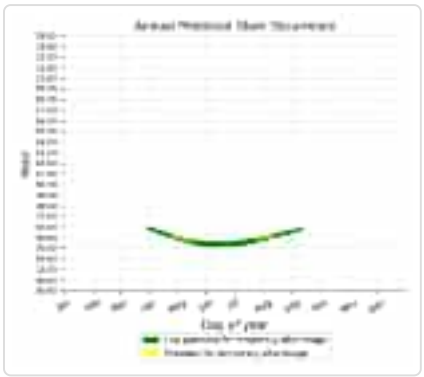


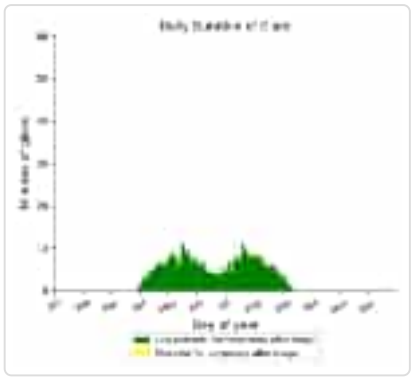


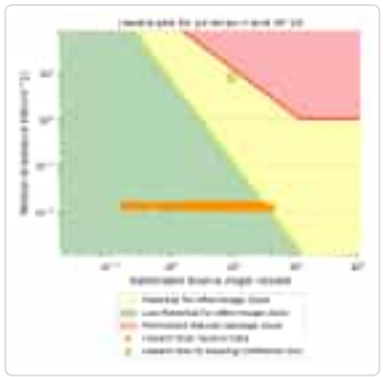
PV array 4: OP 28

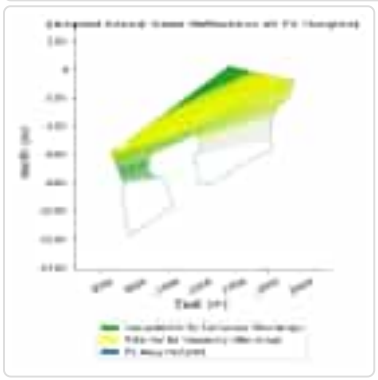
PV array is expected to produce the following glare for this receptor:

- 999 minutes of "green" glare with low potential to cause temporary after-image.
- 16 minutes of "yellow" glare with potential to cause temporary after-image.









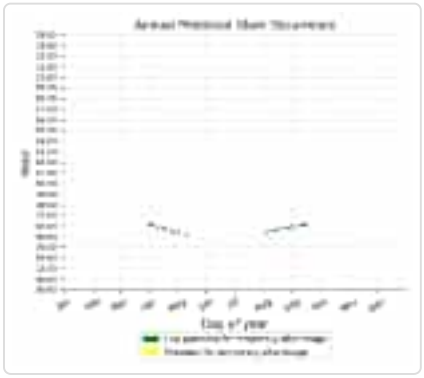
PV array 4: OP 29

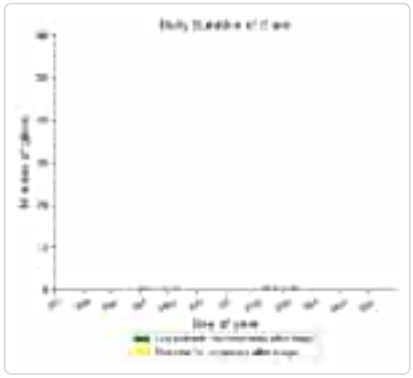
No glare found

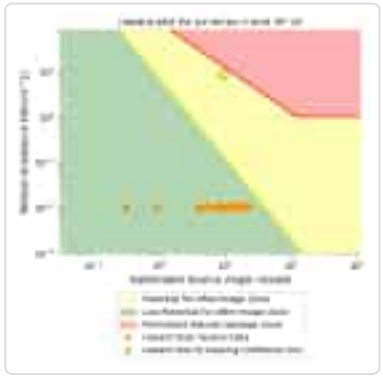
PV array 4: OP 30

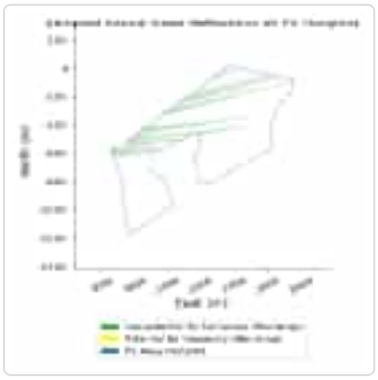
PV array is expected to produce the following glare for this receptor:

- 23 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





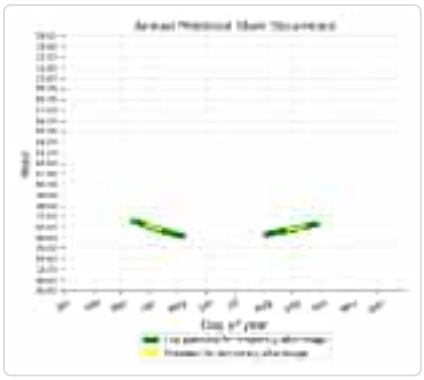


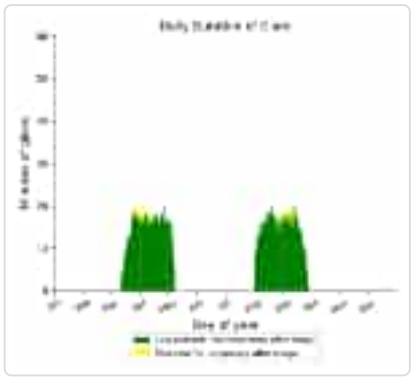


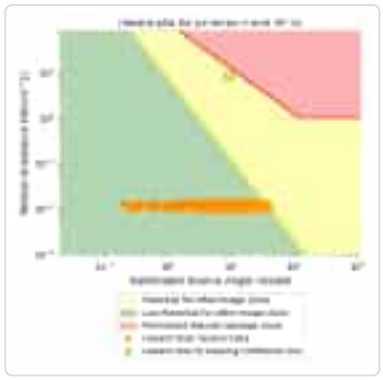
PV array 4: OP 31

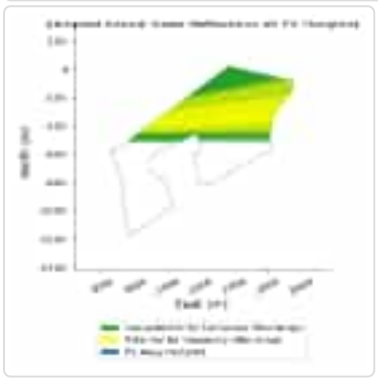
PV array is expected to produce the following glare for this receptor:

- 1,753 minutes of "green" glare with low potential to cause temporary after-image.
- 58 minutes of "yellow" glare with potential to cause temporary after-image.









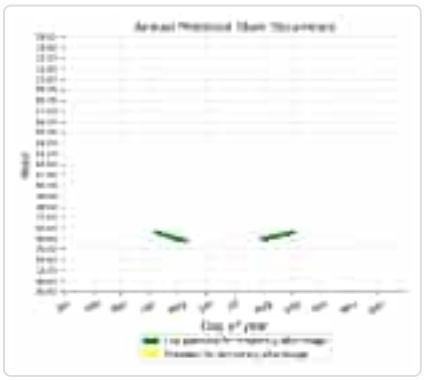
PV array 4: OP 32

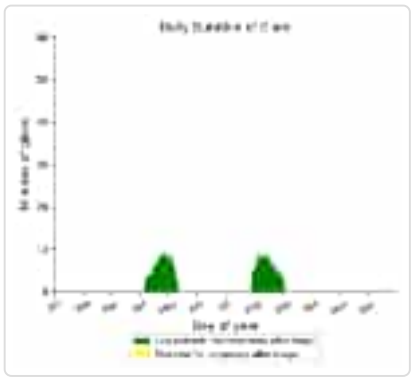
No glare found

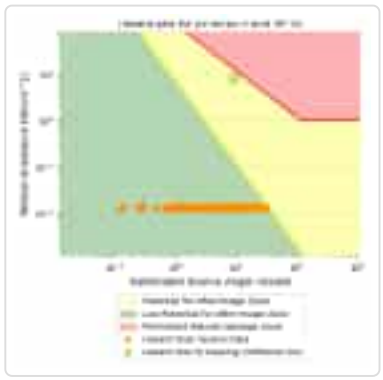
PV array 4: OP 33

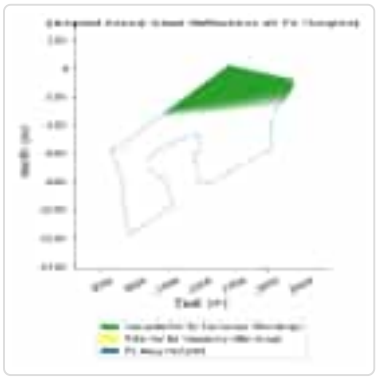
PV array is expected to produce the following glare for this receptor:

- 459 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





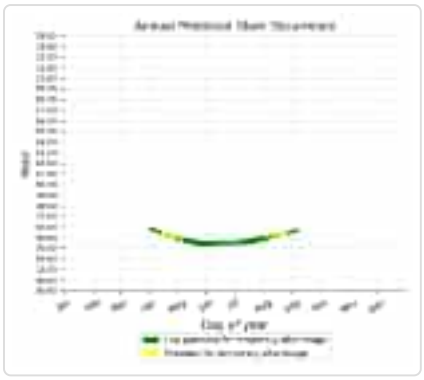


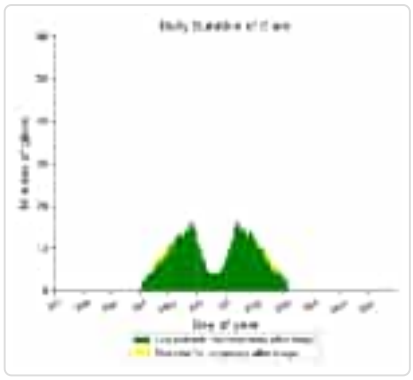


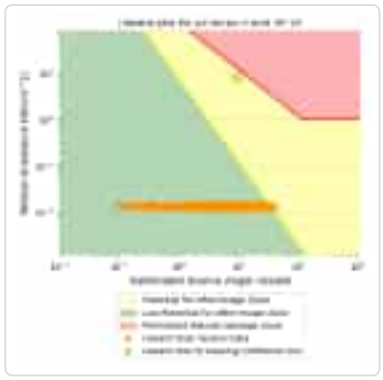
PV array 4: OP 34

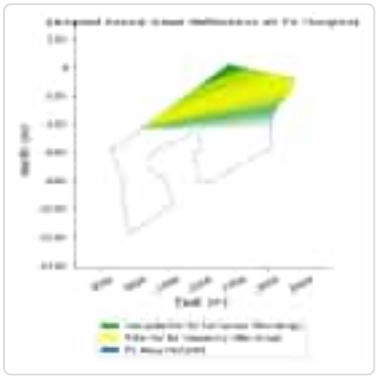
PV array is expected to produce the following glare for this receptor:

- 1,363 minutes of "green" glare with low potential to cause temporary after-image.
- 52 minutes of "yellow" glare with potential to cause temporary after-image.





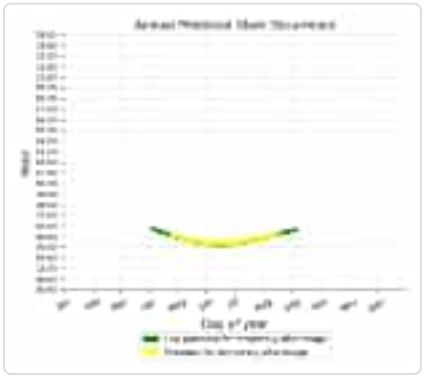


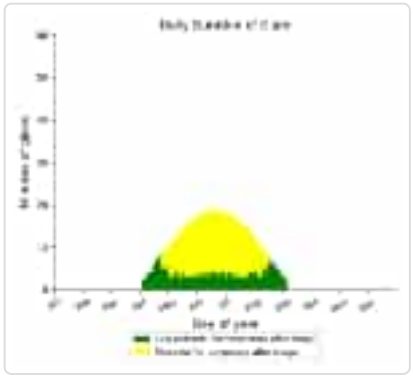


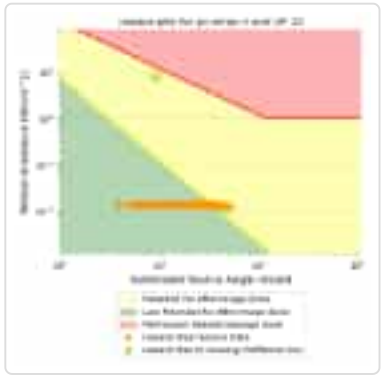
PV array 4: OP 35

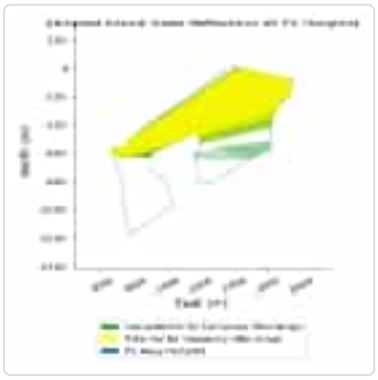
PV array is expected to produce the following glare for this receptor:

- 603 minutes of "green" glare with low potential to cause temporary after-image.
- 1,291 minutes of "yellow" glare with potential to cause temporary after-image.





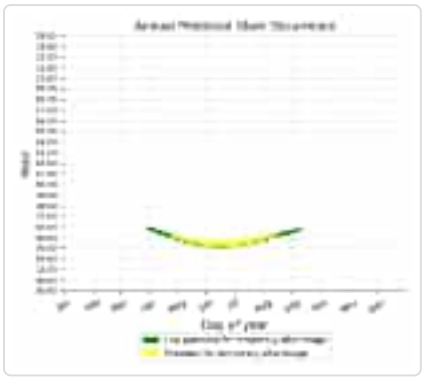


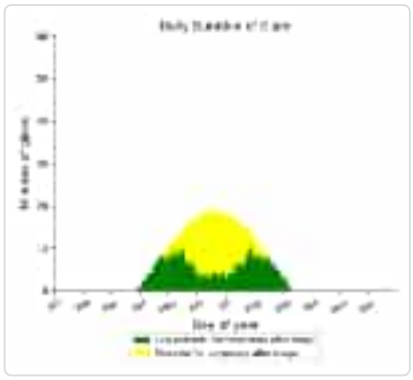


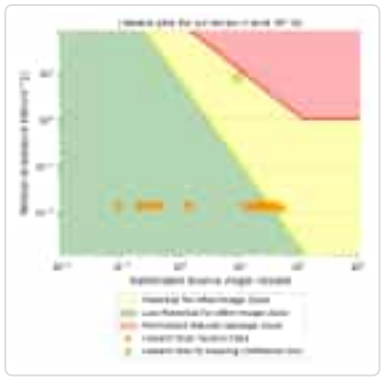
PV array 4: OP 36

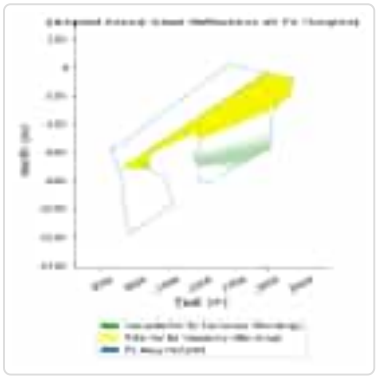
PV array is expected to produce the following glare for this receptor:

- 916 minutes of "green" glare with low potential to cause temporary after-image.
- 988 minutes of "yellow" glare with potential to cause temporary after-image.





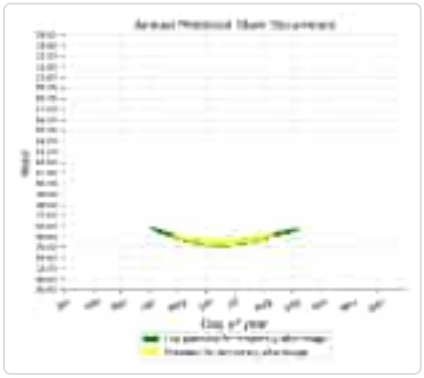


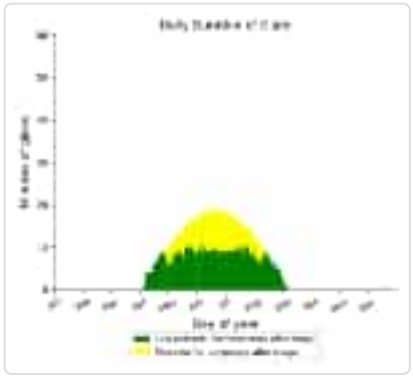


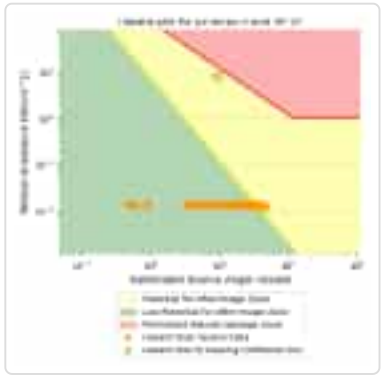
PV array 4: OP 37

PV array is expected to produce the following glare for this receptor:

- 1,189 minutes of "green" glare with low potential to cause temporary after-image.
- 710 minutes of "yellow" glare with potential to cause temporary after-image.



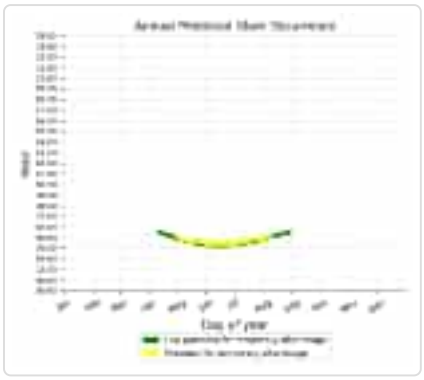


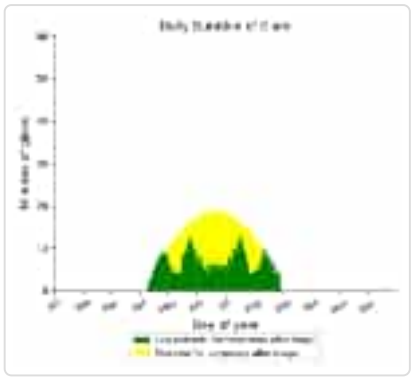


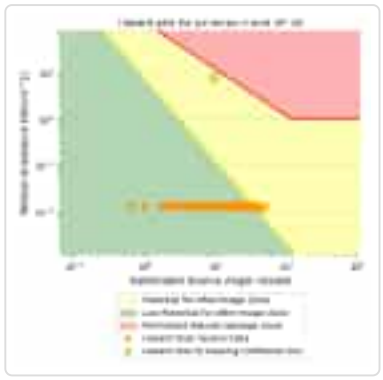
PV array 4: OP 38

PV array is expected to produce the following glare for this receptor:

- 991 minutes of "green" glare with low potential to cause temporary after-image.
- 866 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 4: OP 39

No glare found

PV array 4: OP 40

No glare found

PV array 4: OP 41

No glare found

PV array 4: OP 42

No glare found

PV array 4: OP 43

No glare found

PV array 4: OP 44

No glare found

PV array 4: OP 45

No glare found

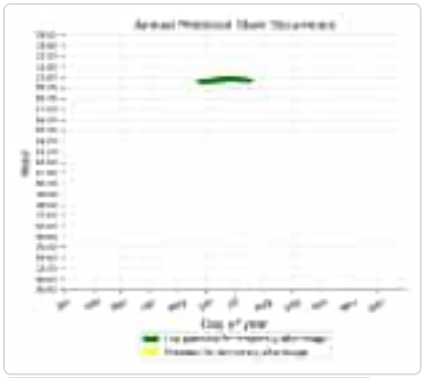
PV array 4: OP 46

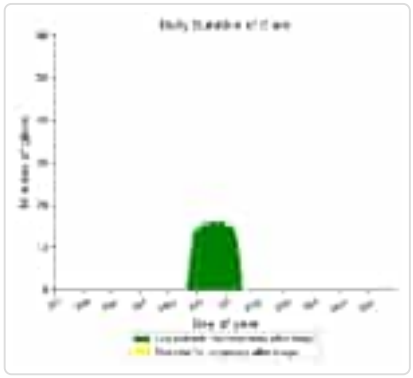
No glare found

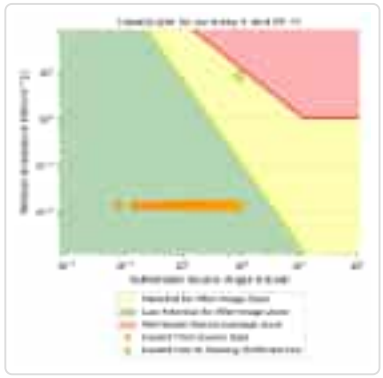
PV array 4: OP 47

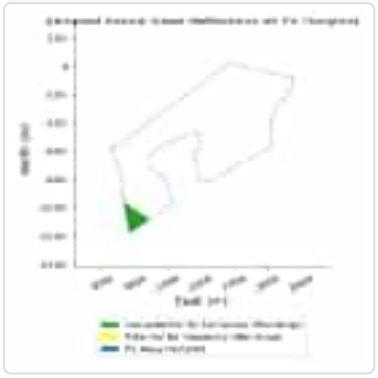
PV array is expected to produce the following glare for this receptor:

- 801 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 48

No glare found

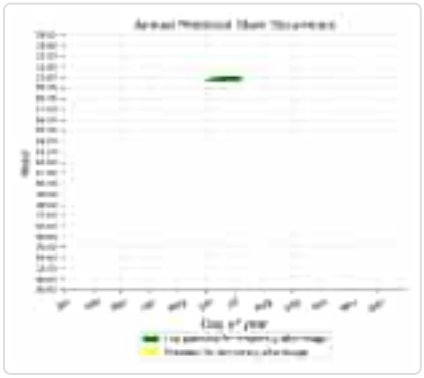
PV array 4: OP 49

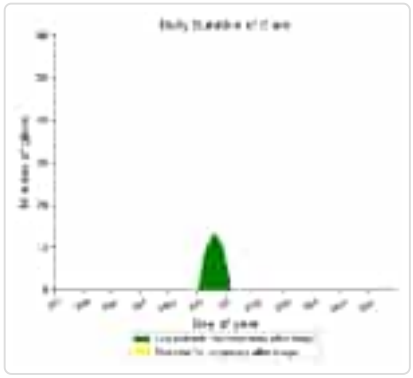
No glare found

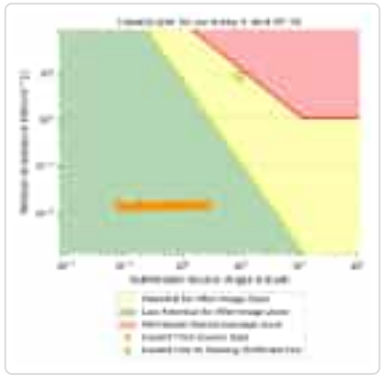
PV array 4: OP 50

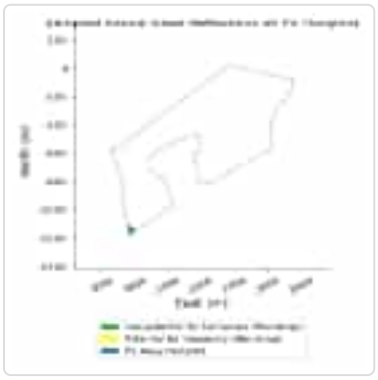
PV array is expected to produce the following glare for this receptor:

- 311 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





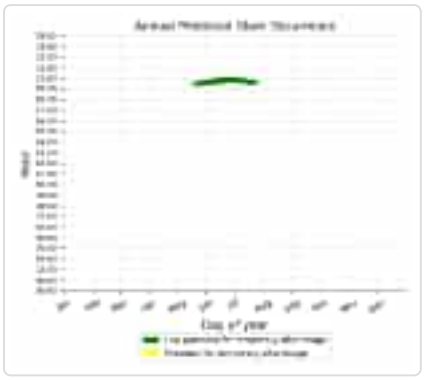


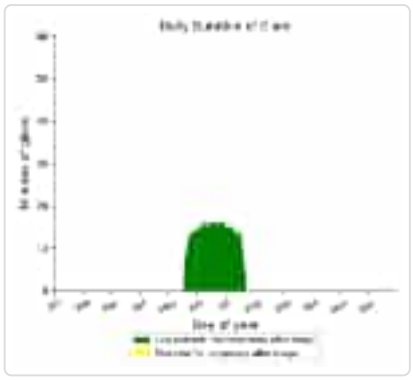


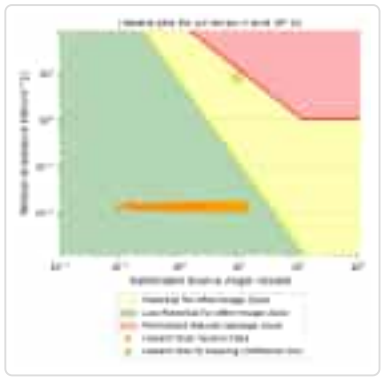
PV array 4: OP 51

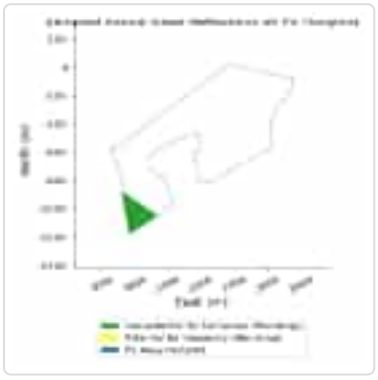
PV array is expected to produce the following glare for this receptor:

- 928 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





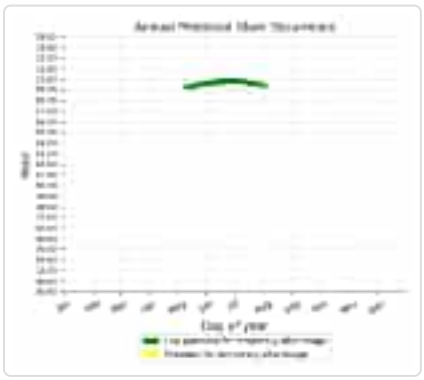


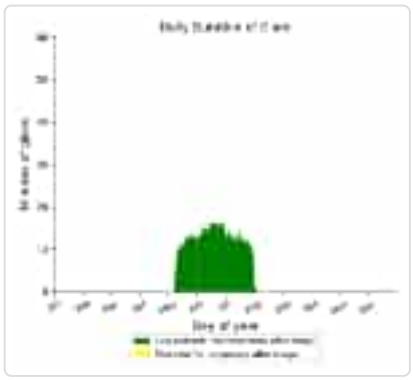


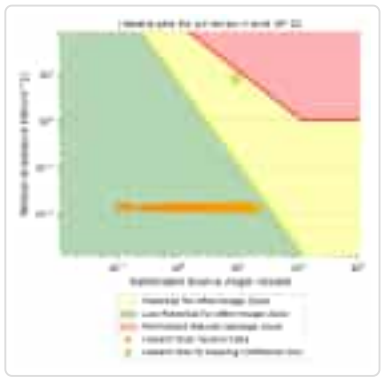
PV array 4: OP 52

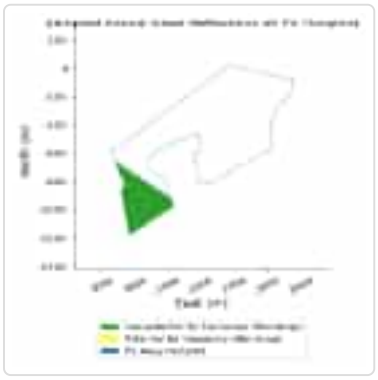
PV array is expected to produce the following glare for this receptor:

- 1,111 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





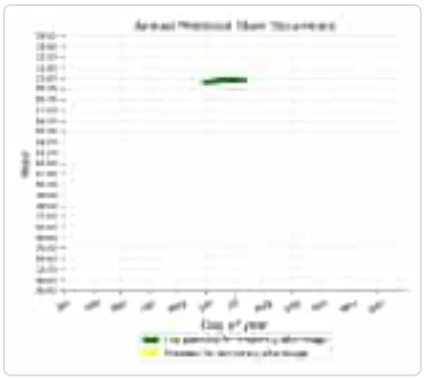


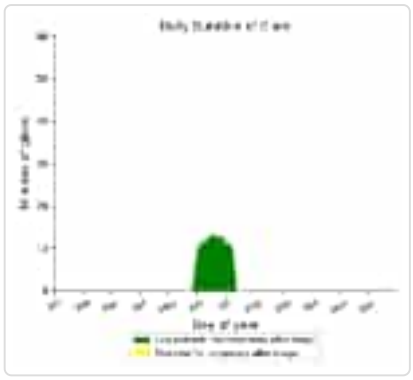


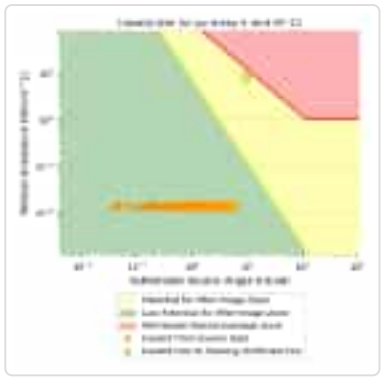
PV array 4: OP 53

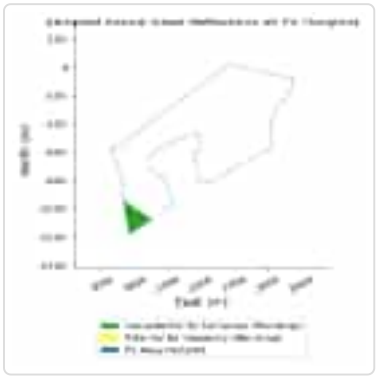
PV array is expected to produce the following glare for this receptor:

- 508 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 54

No glare found

PV array 4: OP 55

No glare found

PV array 4: OP 56

No glare found

PV array 4: OP 57

No glare found

PV array 4: OP 58

No glare found

PV array 4: OP 59

No glare found

PV array 4: OP 60

No glare found

PV array 4: OP 61

No glare found

PV array 4: OP 62

No glare found

PV array 4: OP 63

No glare found

PV array 4: OP 64

No glare found

PV array 4: OP 65

No glare found

PV array 4: OP 66

No glare found

PV array 4: OP 67

No glare found

PV array 4: OP 68

No glare found

PV array 4: OP 69

No glare found

PV array 4: OP 70

No glare found

PV array 4: OP 71

No glare found

PV array 4: OP 72

No glare found

PV array 4: OP 73

No glare found

PV array 4: OP 74

No glare found

PV array 4: OP 75

No glare found

PV array 4: OP 76

No glare found

PV array 4: OP 77

No glare found

PV array 4: OP 78

No glare found

PV array 4: OP 79

No glare found

PV array 5 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	175	0
OP: OP 2	557	0
OP: OP 3	1024	0
OP: OP 4	1227	0
OP: OP 5	1550	0
OP: OP 6	1849	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	715	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0

OP: OP 21	56	0
OP: OP 22	3072	0
OP: OP 23	3099	0
OP: OP 24	333	0
OP: OP 25	3493	0
OP: OP 26	3528	0
OP: OP 27	3753	0
OP: OP 28	3790	0
OP: OP 29	2851	0
OP: OP 30	2324	0
OP: OP 31	2165	0
OP: OP 32	2238	0
OP: OP 33	2413	0
OP: OP 34	3161	0
OP: OP 35	4164	0
OP: OP 36	3833	0
OP: OP 37	3140	0
OP: OP 38	1404	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
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OP: OP 57	0	0
OP: OP 58	0	0
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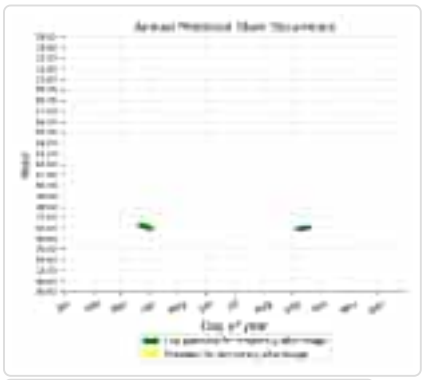
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0

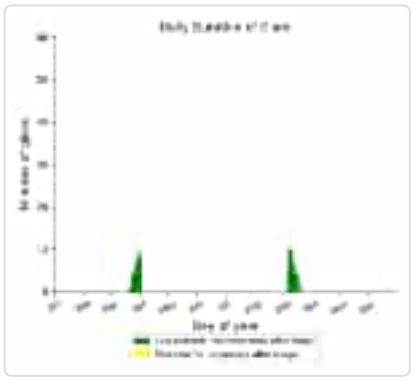
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

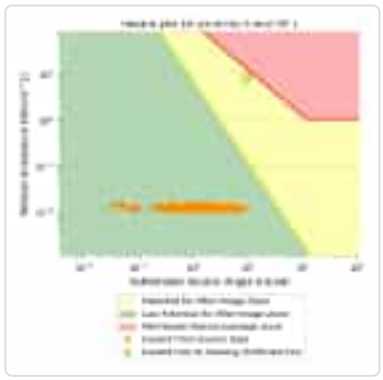
PV array 5: OP 1

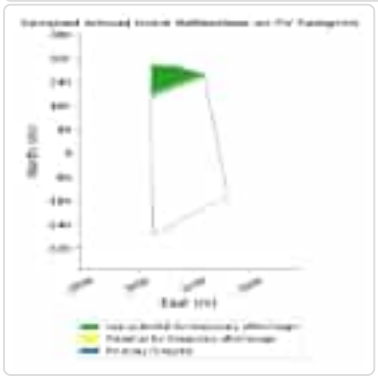
PV array is expected to produce the following glare for this receptor:

- 175 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





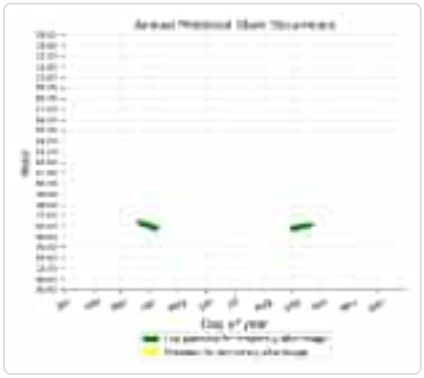


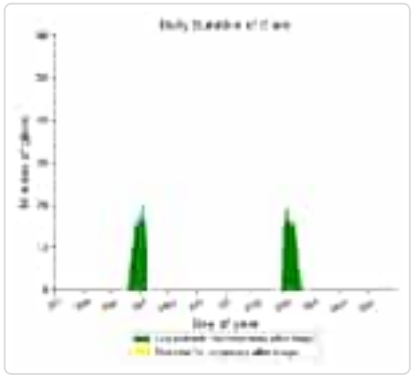


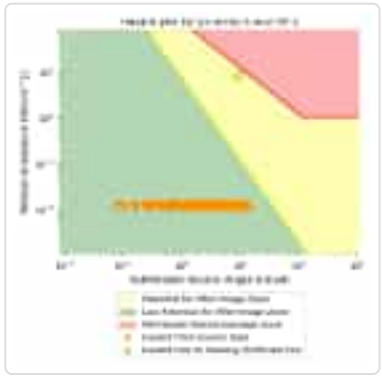
PV array 5: OP 2

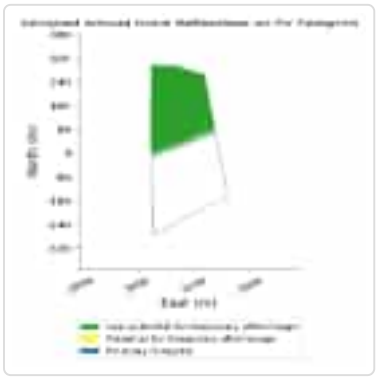
PV array is expected to produce the following glare for this receptor:

- 557 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





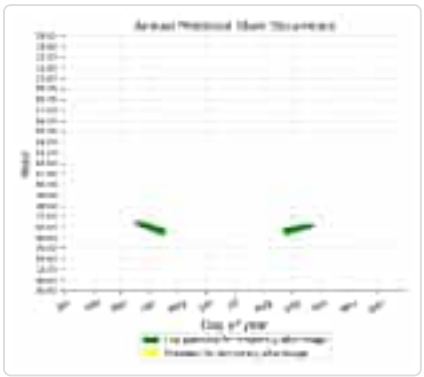


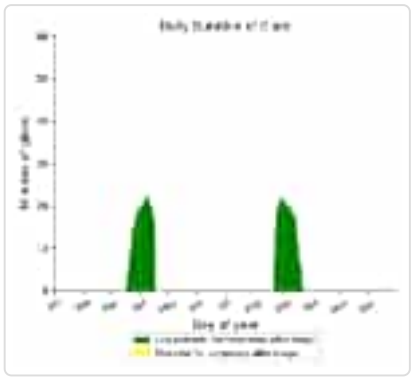


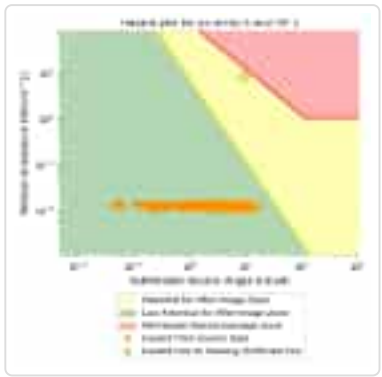
PV array 5: OP 3

PV array is expected to produce the following glare for this receptor:

- 1,024 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



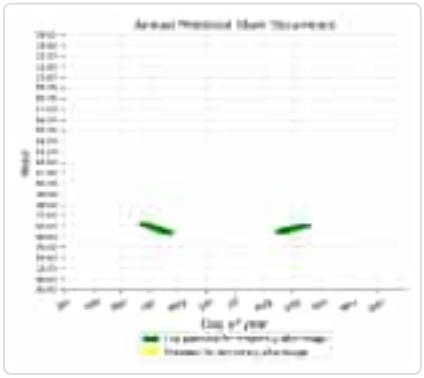


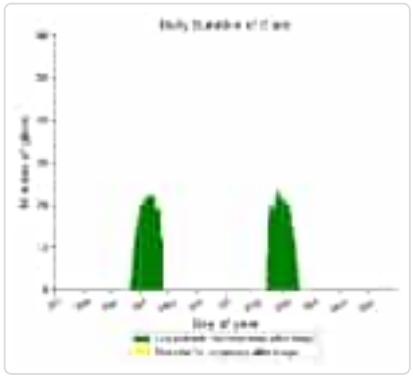


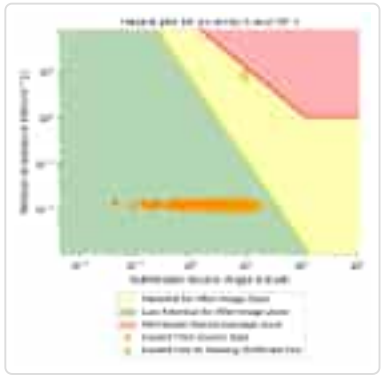
PV array 5: OP 4

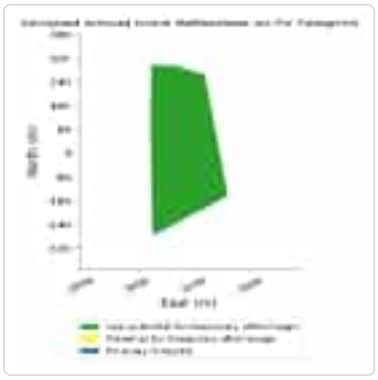
PV array is expected to produce the following glare for this receptor:

- 1,227 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





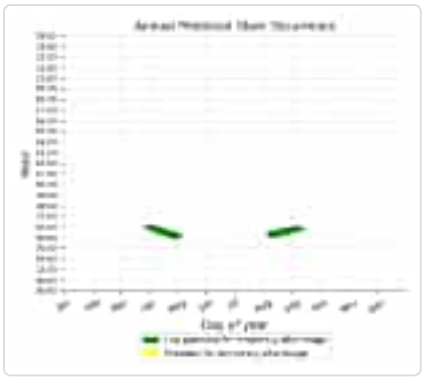


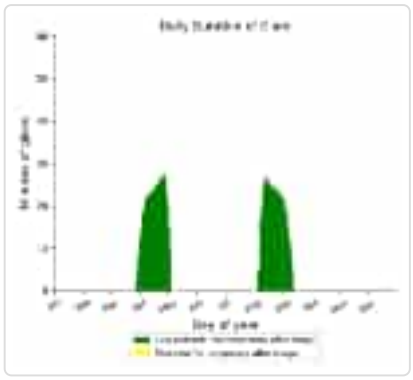


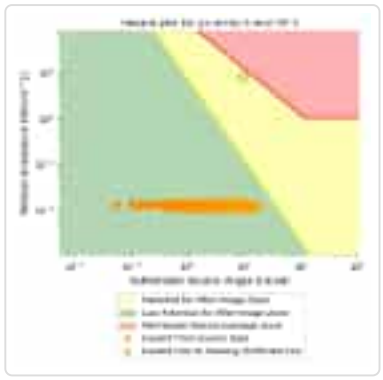
PV array 5: OP 5

PV array is expected to produce the following glare for this receptor:

- 1,550 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



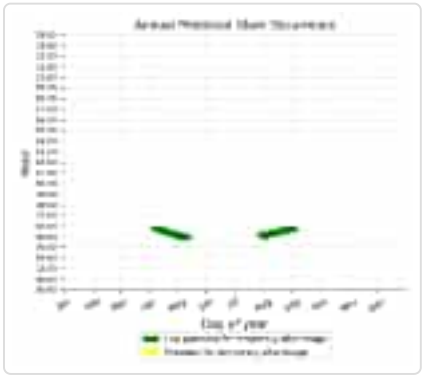


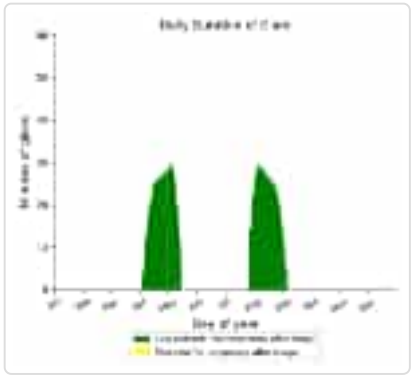


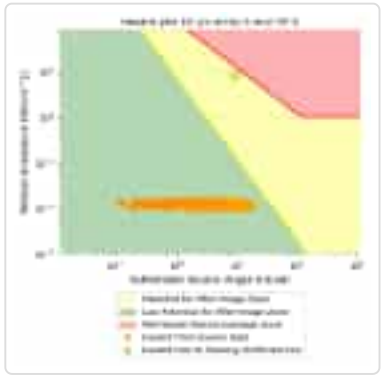
PV array 5: OP 6

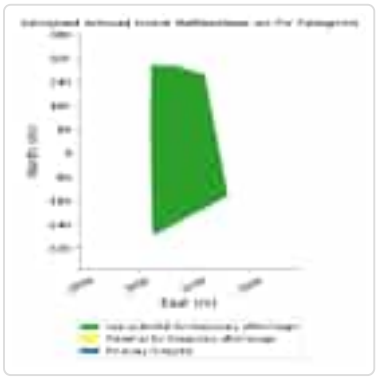
PV array is expected to produce the following glare for this receptor:

- 1,849 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 7

No glare found

PV array 5: OP 8

No glare found

PV array 5: OP 9

No glare found

PV array 5: OP 10

No glare found

PV array 5: OP 11

No glare found

PV array 5: OP 12

No glare found

PV array 5: OP 13

No glare found

PV array 5: OP 14

No glare found

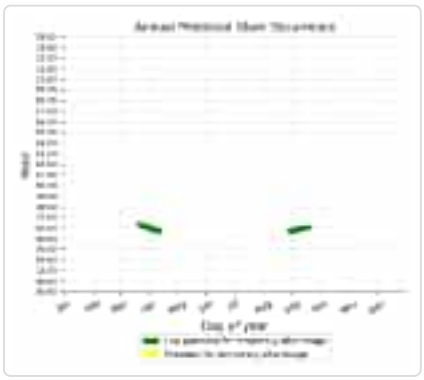
PV array 5: OP 15

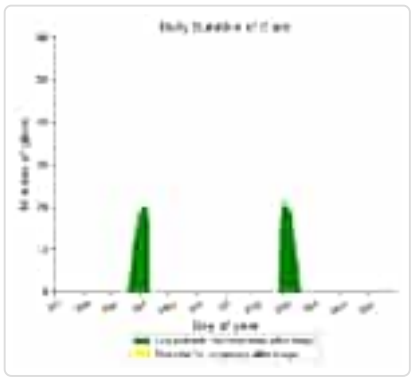
No glare found

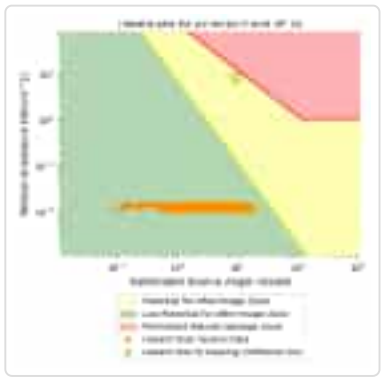
PV array 5: OP 16

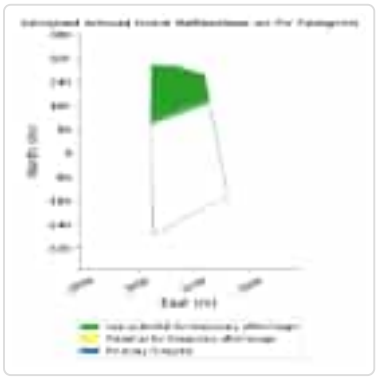
PV array is expected to produce the following glare for this receptor:

- 715 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 17

No glare found

PV array 5: OP 18

No glare found

PV array 5: OP 19

No glare found

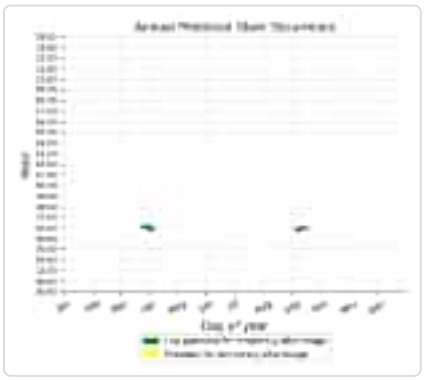
PV array 5: OP 20

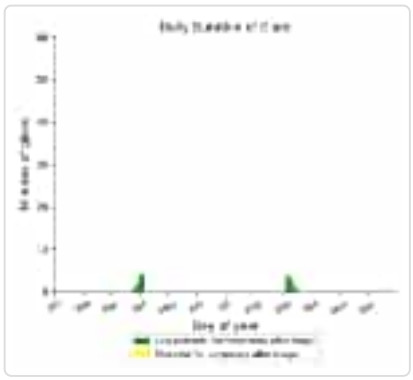
No glare found

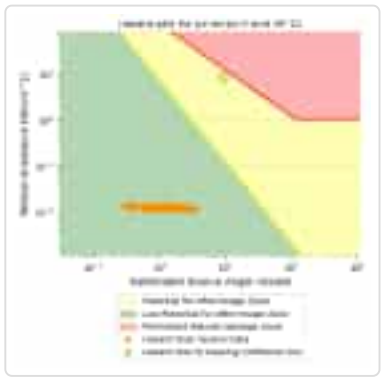
PV array 5: OP 21

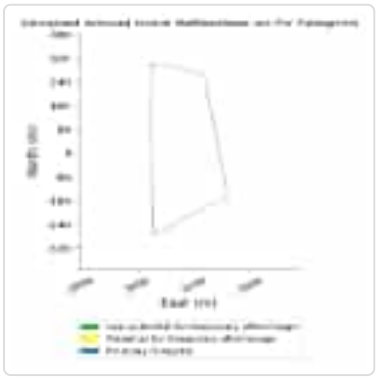
PV array is expected to produce the following glare for this receptor:

- 56 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





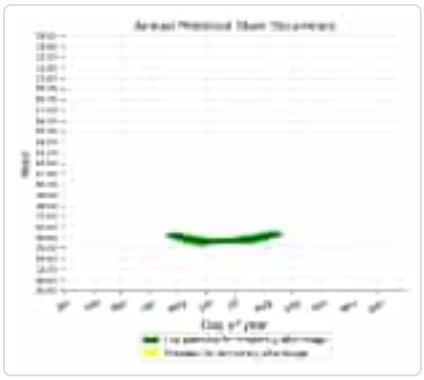


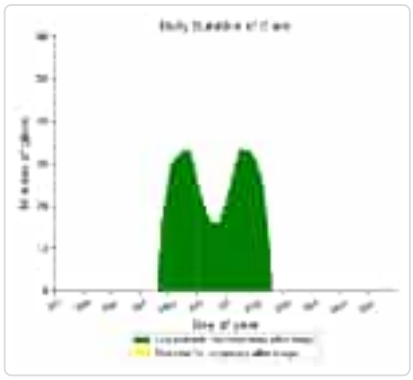


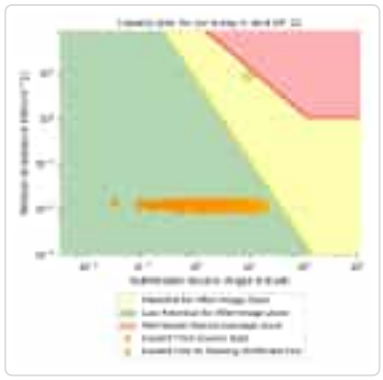
PV array 5: OP 22

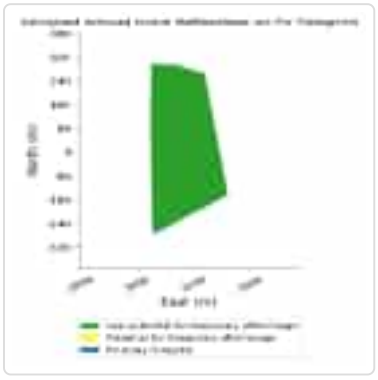
PV array is expected to produce the following glare for this receptor:

- 3,072 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





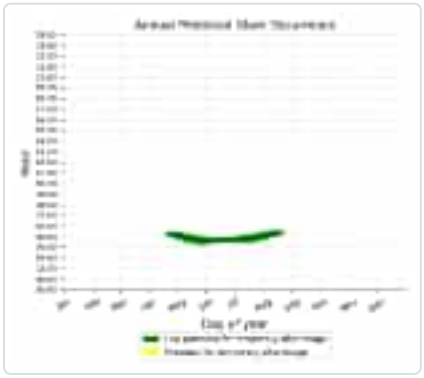


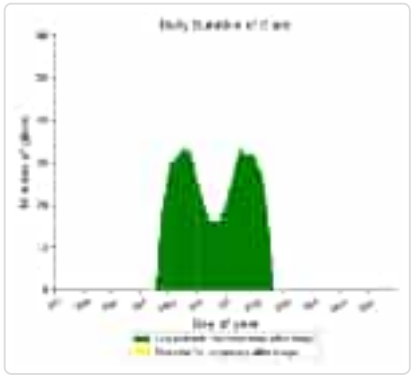


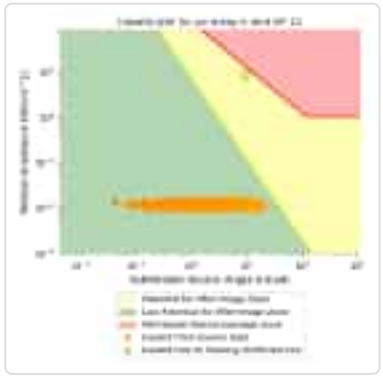
PV array 5: OP 23

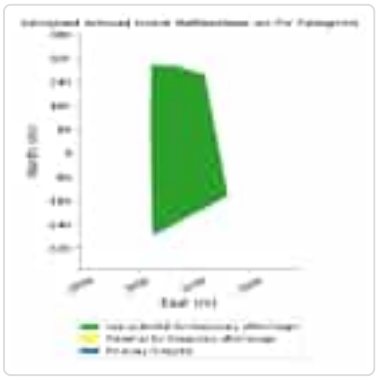
PV array is expected to produce the following glare for this receptor:

- 3,099 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





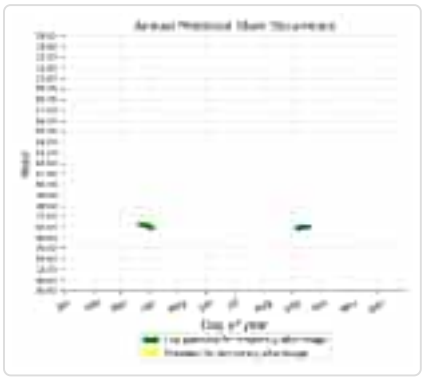


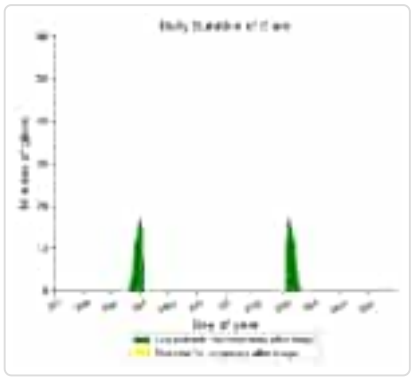


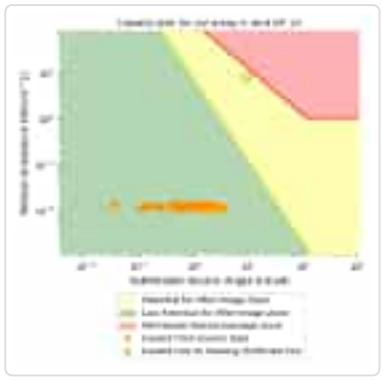
PV array 5: OP 24

PV array is expected to produce the following glare for this receptor:

- 333 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



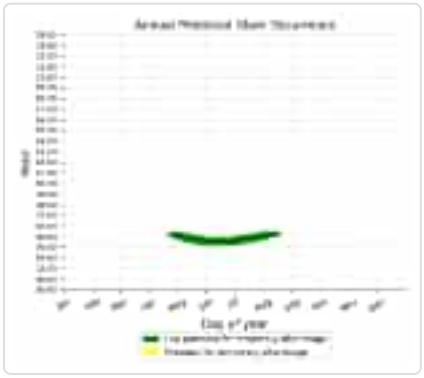


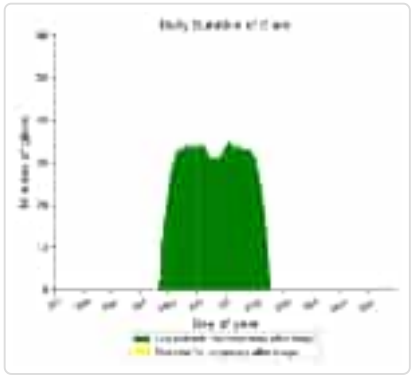


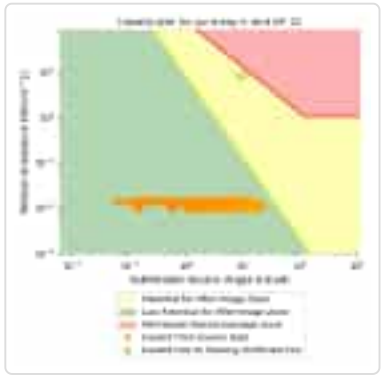
PV array 5: OP 25

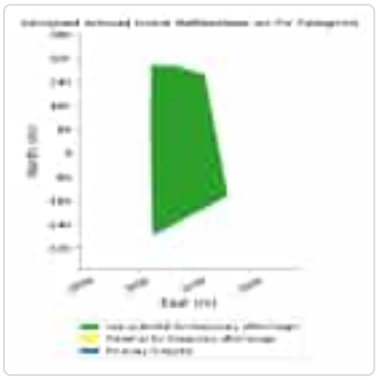
PV array is expected to produce the following glare for this receptor:

- 3,493 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





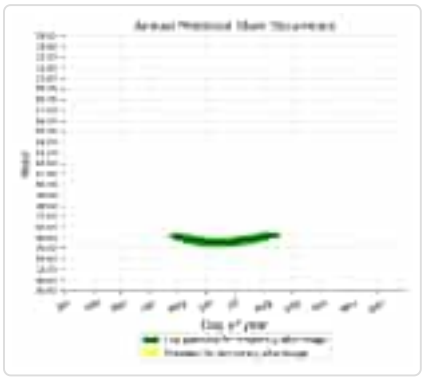


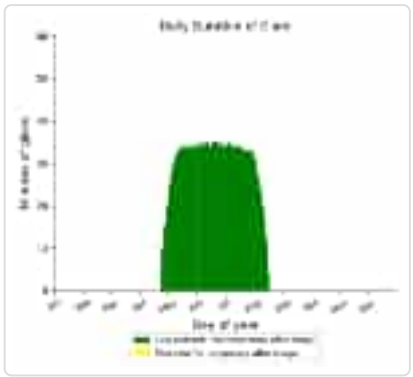


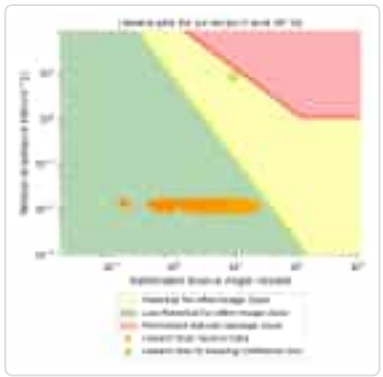
PV array 5: OP 26

PV array is expected to produce the following glare for this receptor:

- 3,528 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



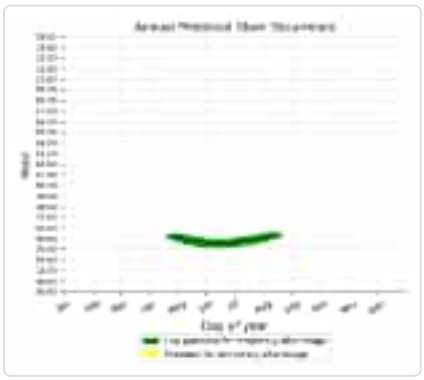


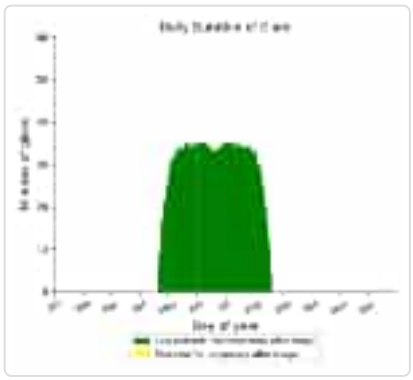


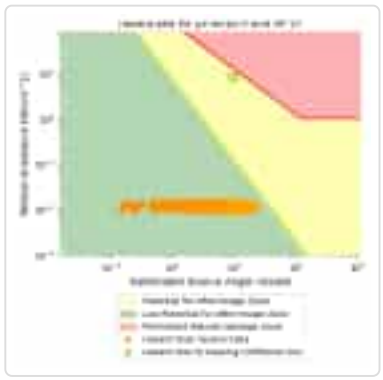
PV array 5: OP 27

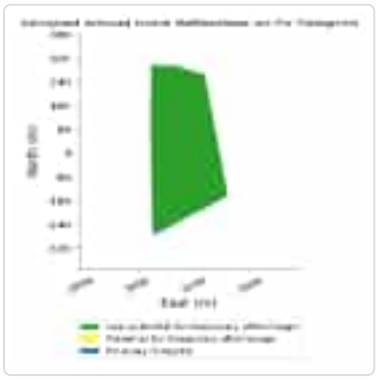
PV array is expected to produce the following glare for this receptor:

- 3,753 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





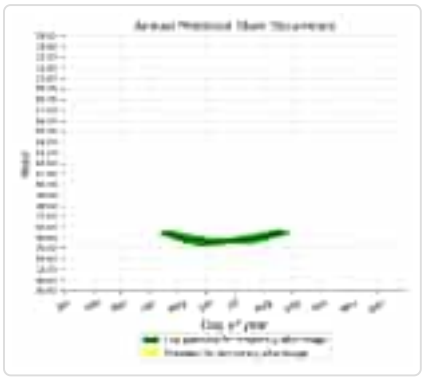


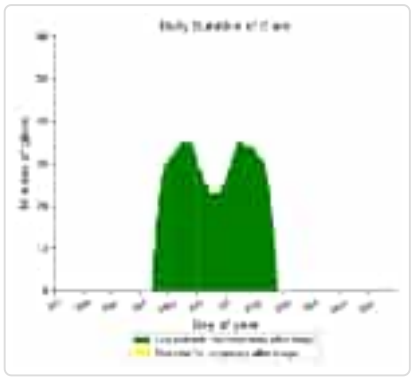


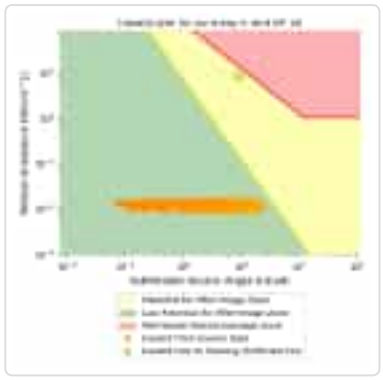
PV array 5: OP 28

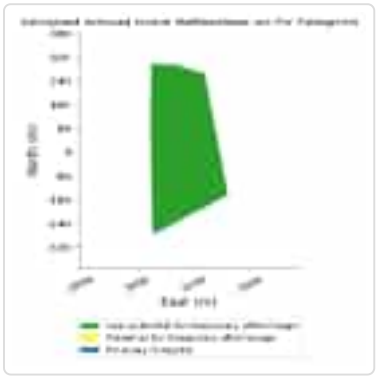
PV array is expected to produce the following glare for this receptor:

- 3,790 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





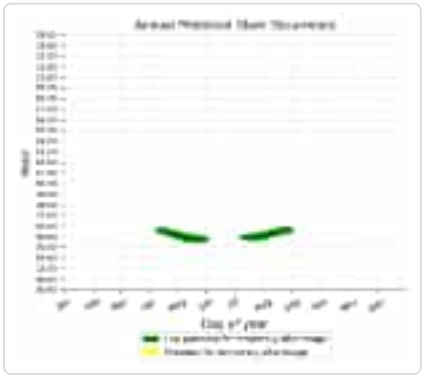


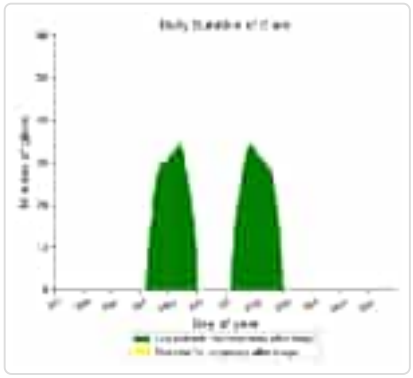


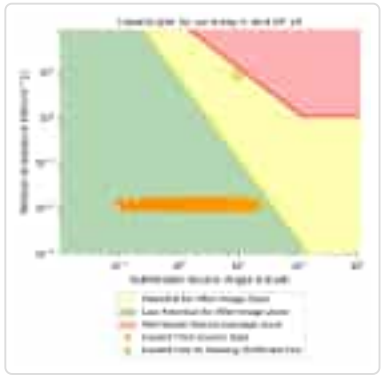
PV array 5: OP 29

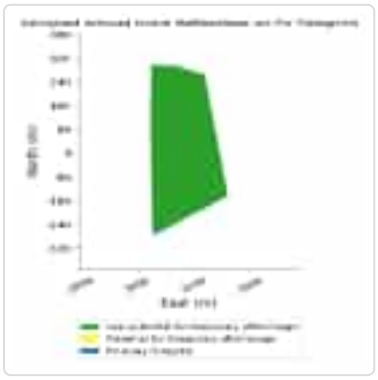
PV array is expected to produce the following glare for this receptor:

- 2,851 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





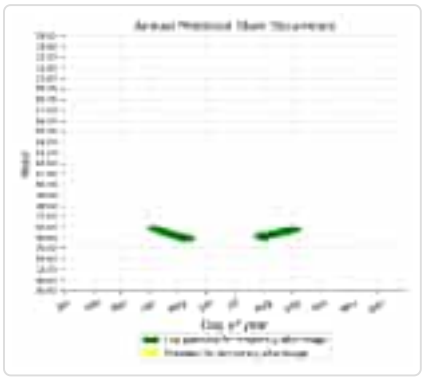


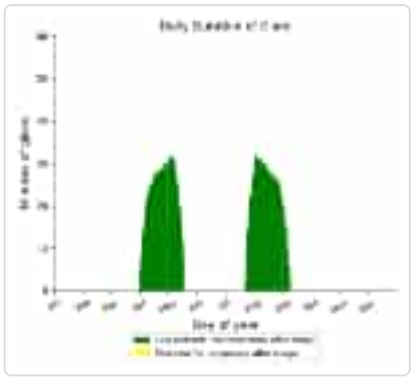


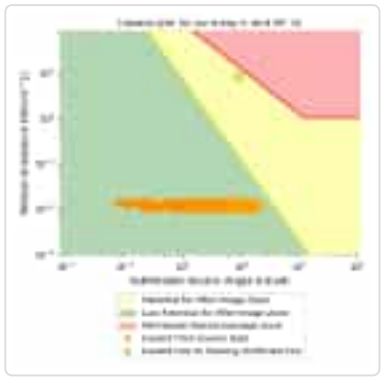
PV array 5: OP 30

PV array is expected to produce the following glare for this receptor:

- 2,324 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



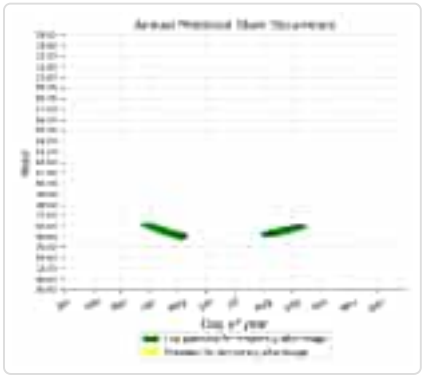


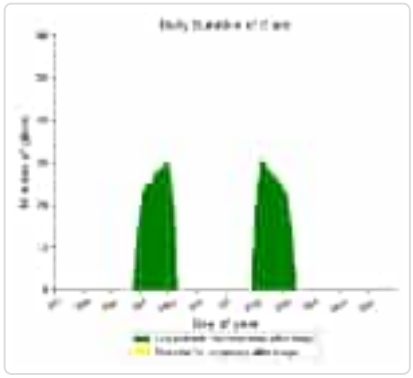


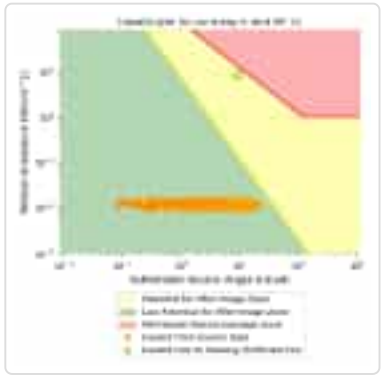
PV array 5: OP 31

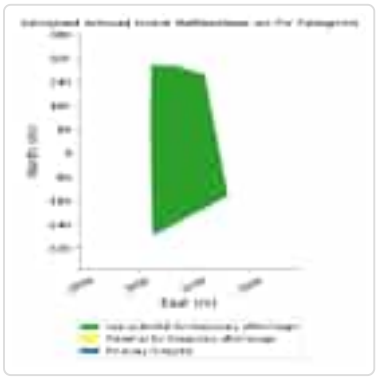
PV array is expected to produce the following glare for this receptor:

- 2,165 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





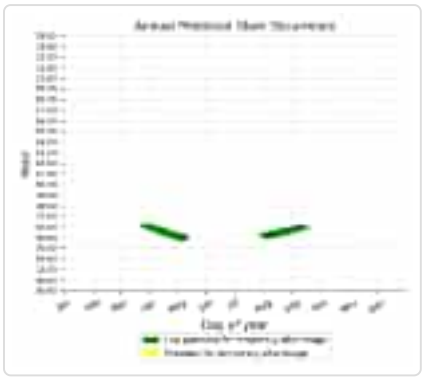


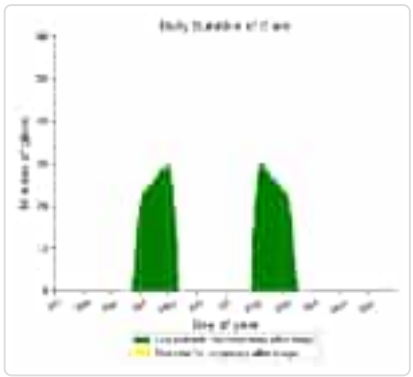


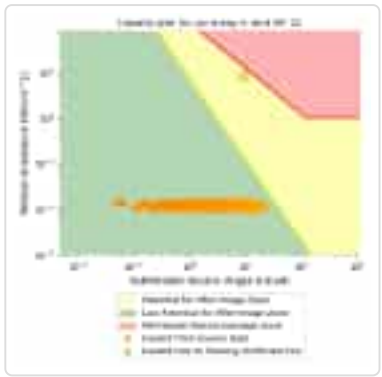
PV array 5: OP 32

PV array is expected to produce the following glare for this receptor:

- 2,238 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



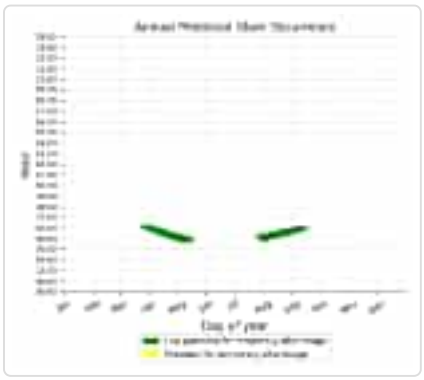


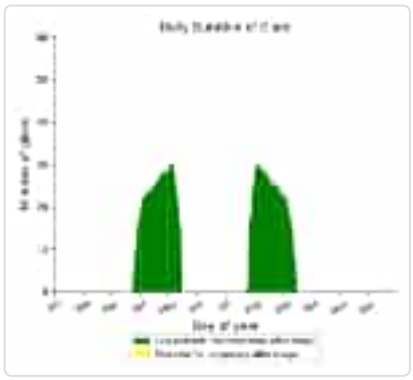


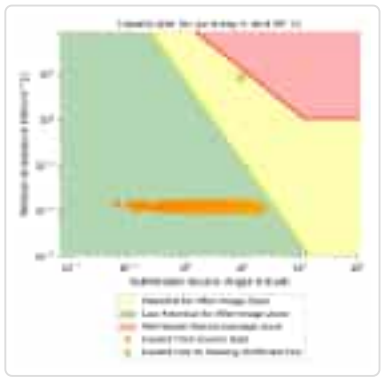
PV array 5: OP 33

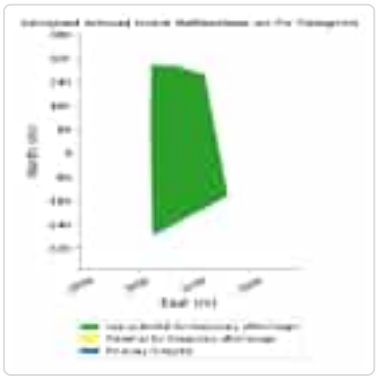
PV array is expected to produce the following glare for this receptor:

- 2,413 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





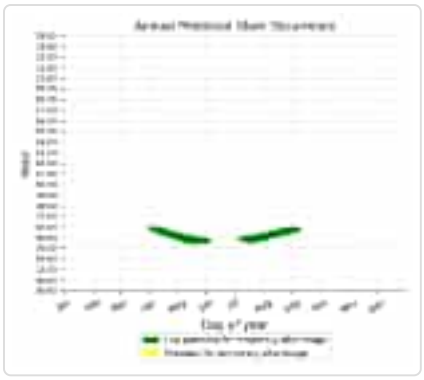


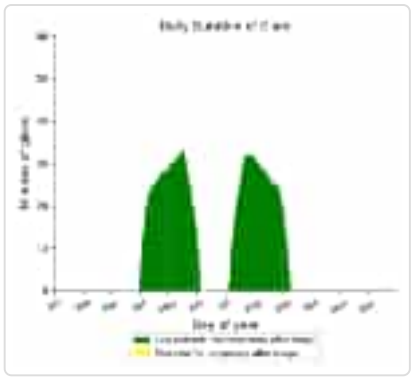


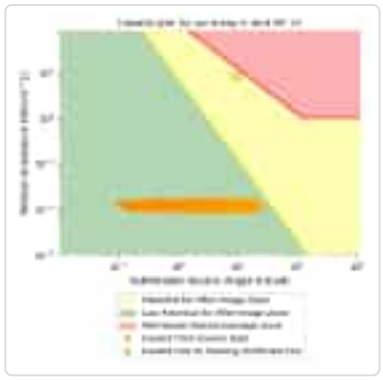
PV array 5: OP 34

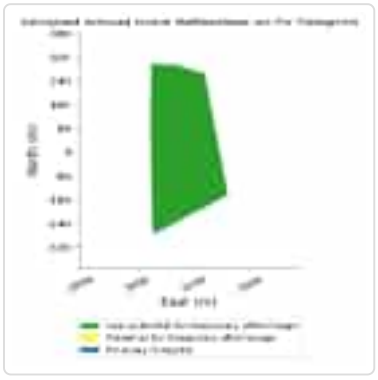
PV array is expected to produce the following glare for this receptor:

- 3,161 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





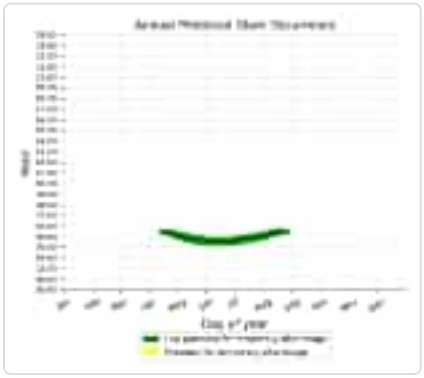


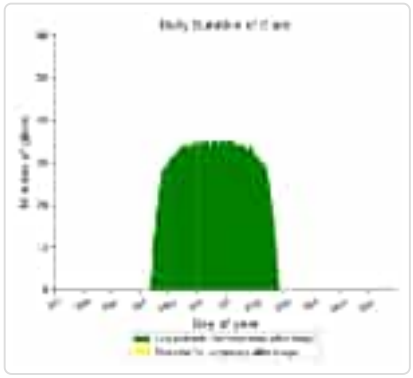


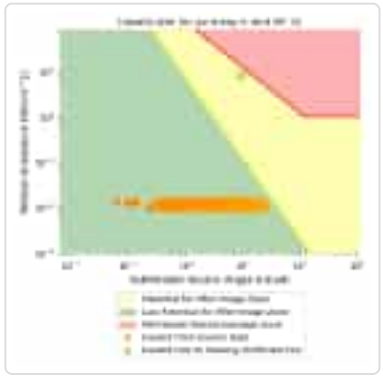
PV array 5: OP 35

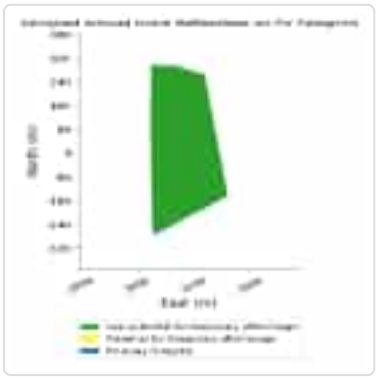
PV array is expected to produce the following glare for this receptor:

- 4,164 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





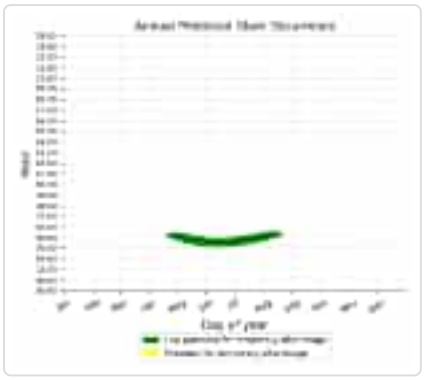


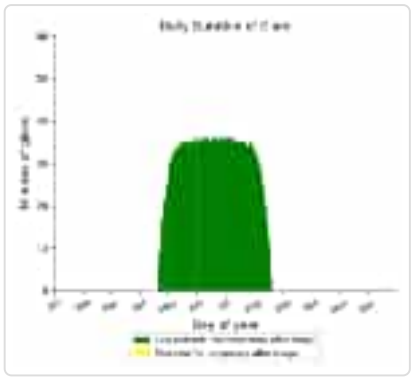


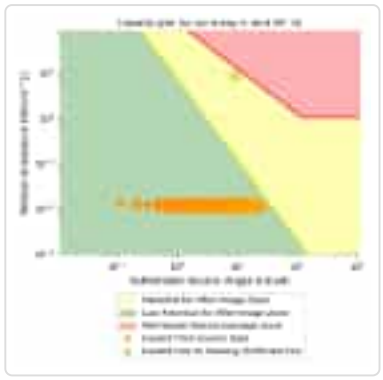
PV array 5: OP 36

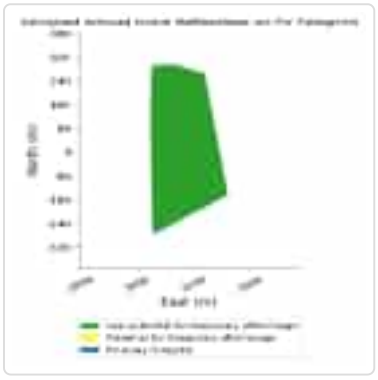
PV array is expected to produce the following glare for this receptor:

- 3,833 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





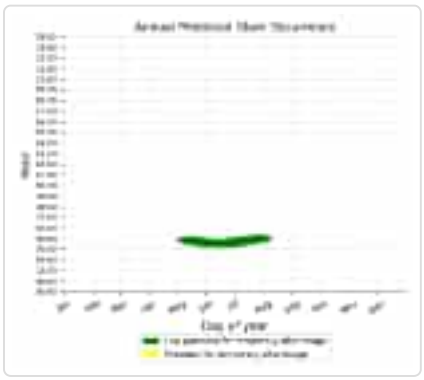
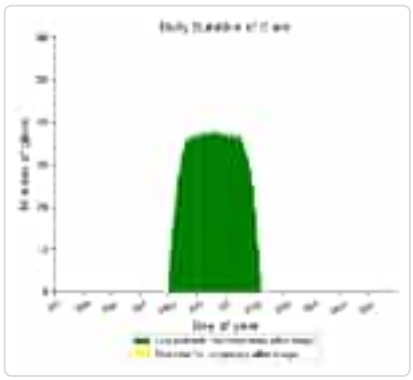
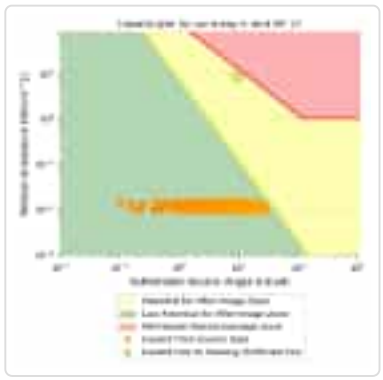
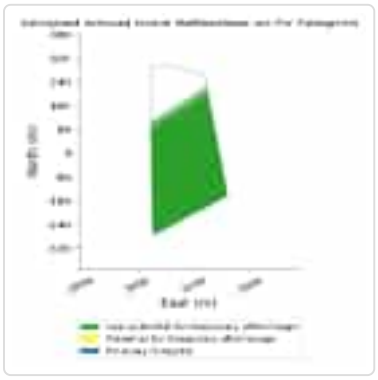




PV array 5: OP 37

PV array is expected to produce the following glare for this receptor:

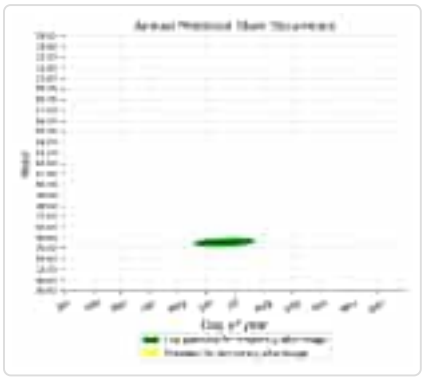
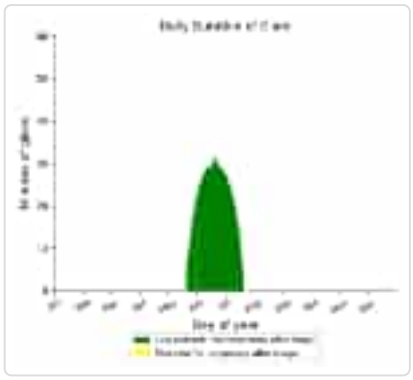
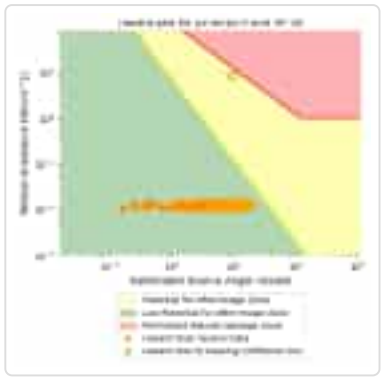
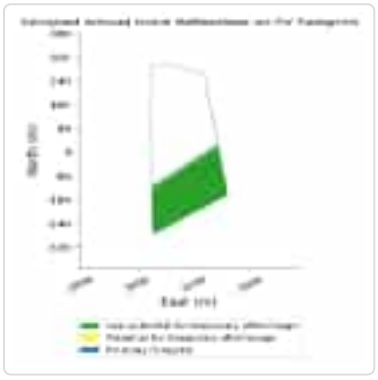
- 3,140 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 5: OP 38

PV array is expected to produce the following glare for this receptor:

- 1,404 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 5: OP 39

No glare found

PV array 5: OP 40

No glare found

PV array 5: OP 41

No glare found

PV array 5: OP 42

No glare found

PV array 5: OP 43

No glare found

PV array 5: OP 44

No glare found

PV array 5: OP 45

No glare found

PV array 5: OP 46

No glare found

PV array 5: OP 47

No glare found

PV array 5: OP 48

No glare found

PV array 5: OP 49

No glare found

PV array 5: OP 50

No glare found

PV array 5: OP 51

No glare found

PV array 5: OP 52

No glare found

PV array 5: OP 53

No glare found

PV array 5: OP 54

No glare found

PV array 5: OP 55

No glare found

PV array 5: OP 56

No glare found

PV array 5: OP 57

No glare found

PV array 5: OP 58

No glare found

PV array 5: OP 59

No glare found

PV array 5: OP 60

No glare found

PV array 5: OP 61

No glare found

PV array 5: OP 62

No glare found

PV array 5: OP 63

No glare found

PV array 5: OP 64

No glare found

PV array 5: OP 65

No glare found

PV array 5: OP 66

No glare found

PV array 5: OP 67

No glare found

PV array 5: OP 68

No glare found

PV array 5: OP 69

No glare found

PV array 5: OP 70

No glare found

PV array 5: OP 71

No glare found

PV array 5: OP 72

No glare found

PV array 5: OP 73

No glare found

PV array 5: OP 74

No glare found

PV array 5: OP 75

No glare found

PV array 5: OP 76

No glare found

PV array 5: OP 77

No glare found

PV array 5: OP 78

No glare found

PV array 5: OP 79

No glare found

PV array 6 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	176	0
OP: OP 23	174	0

OP: OP 24	0	0
OP: OP 25	137	0
OP: OP 26	196	0
OP: OP 27	42	0
OP: OP 28	661	0
OP: OP 29	609	0
OP: OP 30	180	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	20	0
OP: OP 37	0	0
OP: OP 38	2319	84
OP: OP 39	1395	0
OP: OP 40	1661	0
OP: OP 41	1208	0
OP: OP 42	1127	0
OP: OP 43	1290	0
OP: OP 44	1234	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0

OP: OP 78	0	0
OP: OP 79	0	0

PV array 6: OP 1

No glare found

PV array 6: OP 2

No glare found

PV array 6: OP 3

No glare found

PV array 6: OP 4

No glare found

PV array 6: OP 5

No glare found

PV array 6: OP 6

No glare found

PV array 6: OP 7

No glare found

PV array 6: OP 8

No glare found

PV array 6: OP 9

No glare found

PV array 6: OP 10

No glare found

PV array 6: OP 11

No glare found

PV array 6: OP 12

No glare found

PV array 6: OP 13

No glare found

PV array 6: OP 14

No glare found

PV array 6: OP 15

No glare found

PV array 6: OP 16

No glare found

PV array 6: OP 17

No glare found

PV array 6: OP 18

No glare found

PV array 6: OP 19

No glare found

PV array 6: OP 20

No glare found

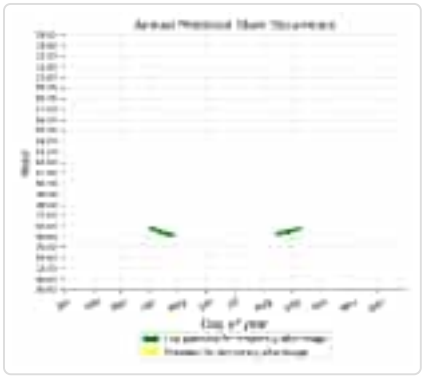
PV array 6: OP 21

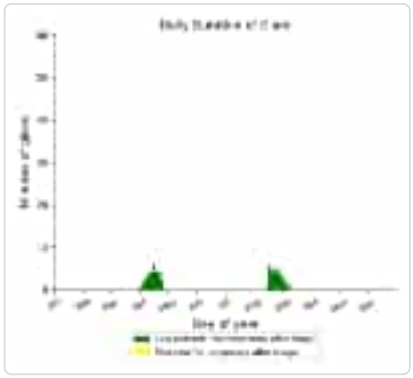
No glare found

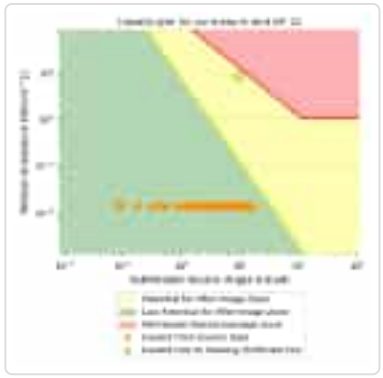
PV array 6: OP 22

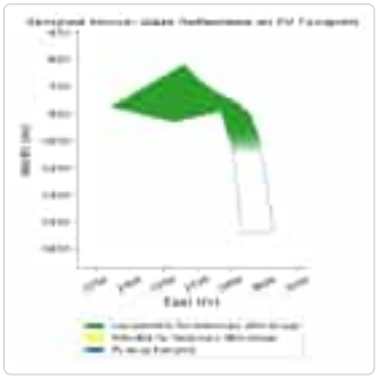
PV array is expected to produce the following glare for this receptor:

- 176 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





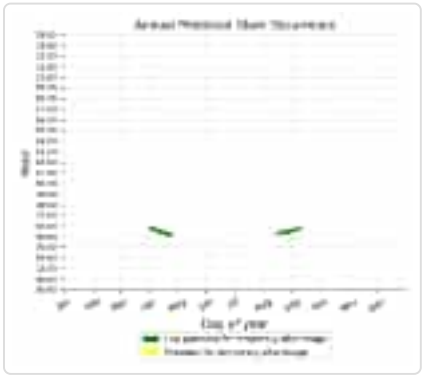


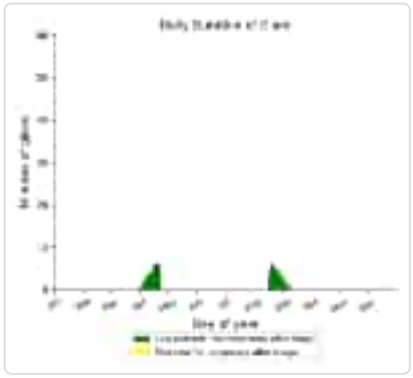


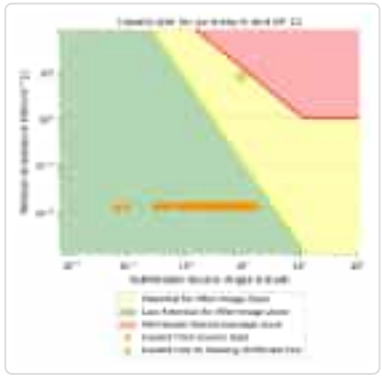
PV array 6: OP 23

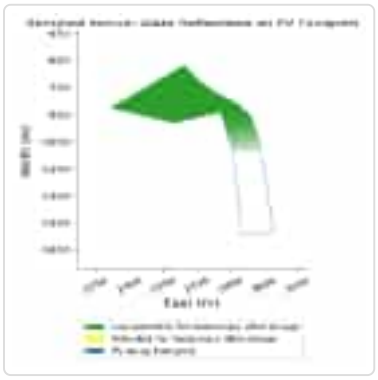
PV array is expected to produce the following glare for this receptor:

- 174 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









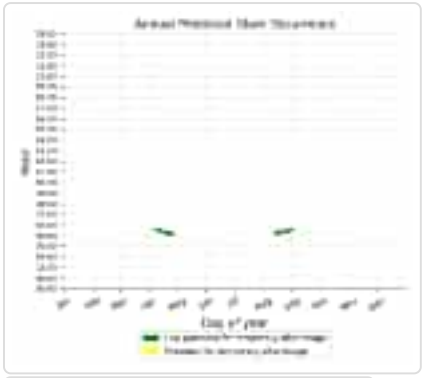
PV array 6: OP 24

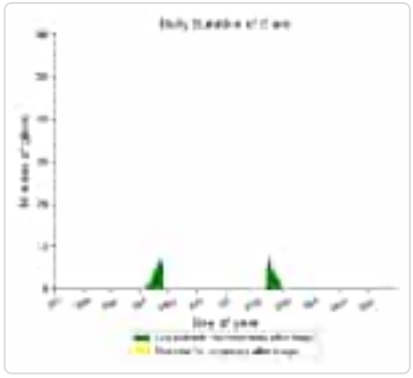
No glare found

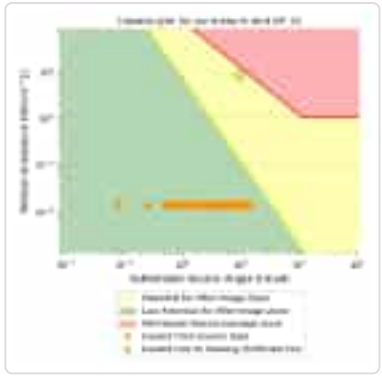
PV array 6: OP 25

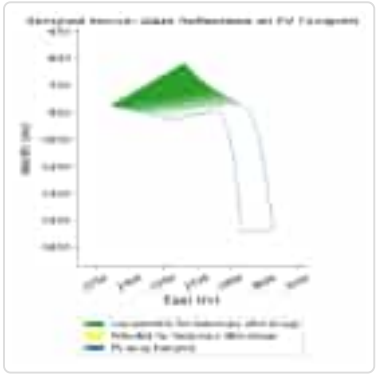
PV array is expected to produce the following glare for this receptor:

- 137 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





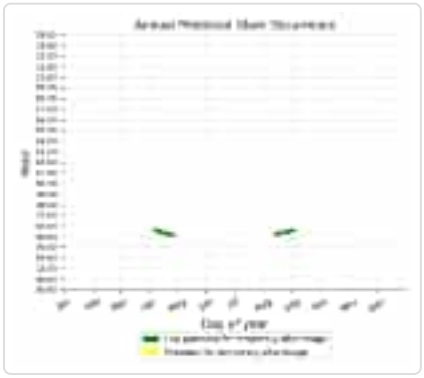


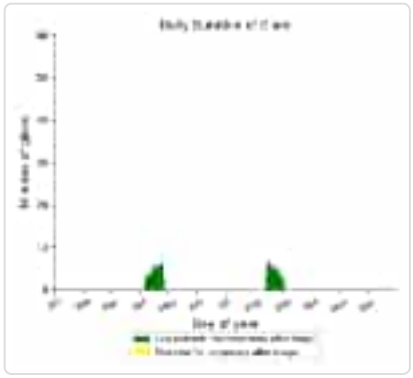


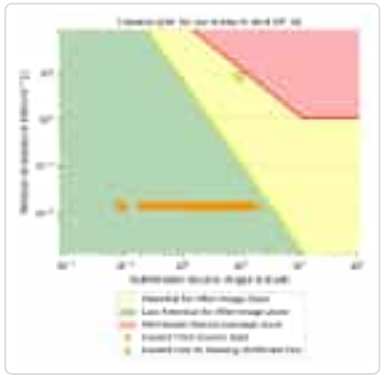
PV array 6: OP 26

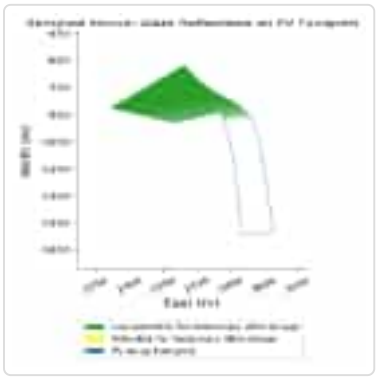
PV array is expected to produce the following glare for this receptor:

- 196 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





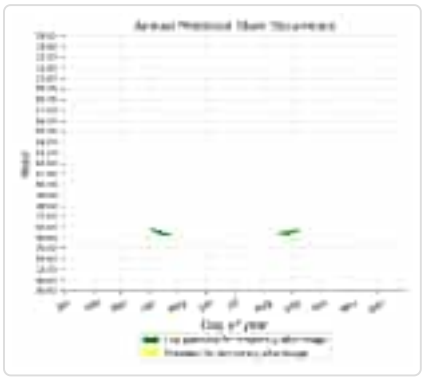


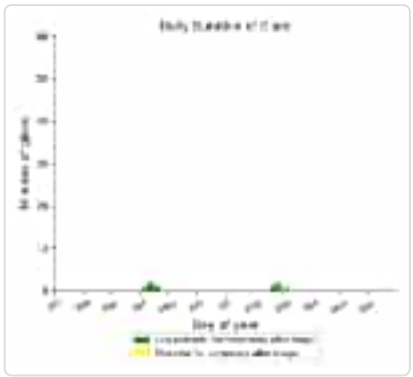


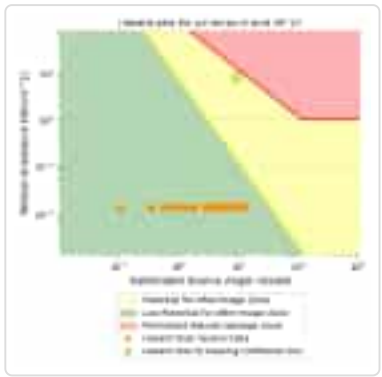
PV array 6: OP 27

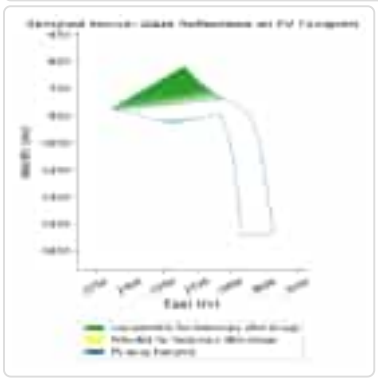
PV array is expected to produce the following glare for this receptor:

- 42 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





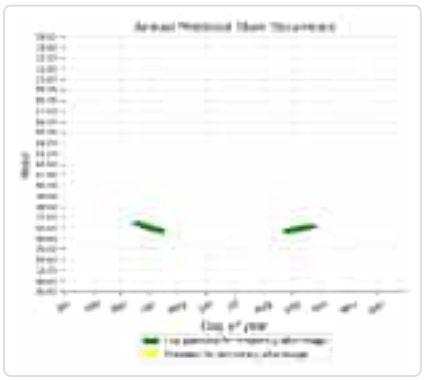


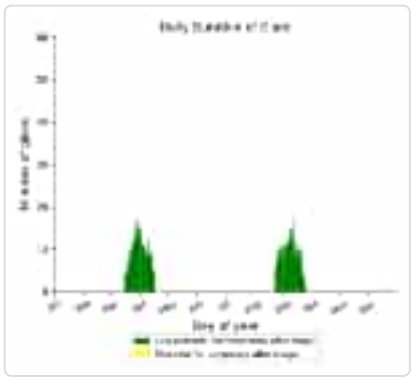


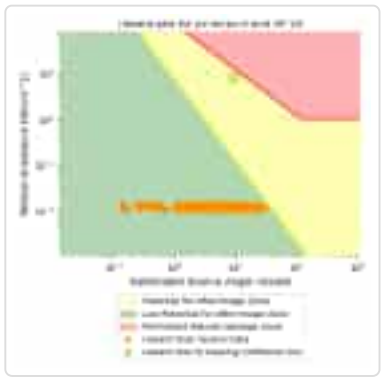
PV array 6: OP 28

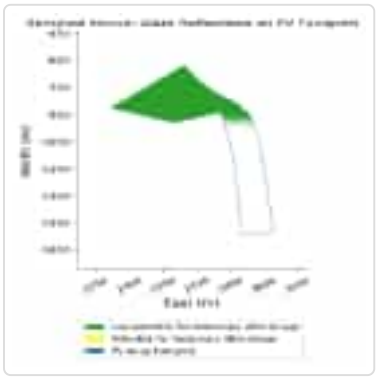
PV array is expected to produce the following glare for this receptor:

- 661 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





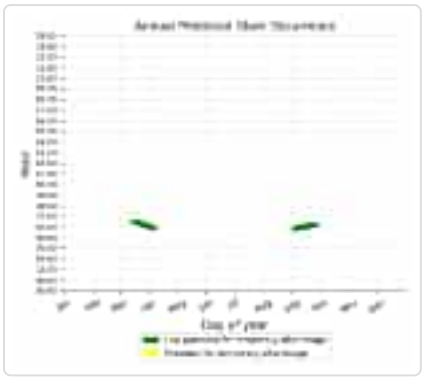


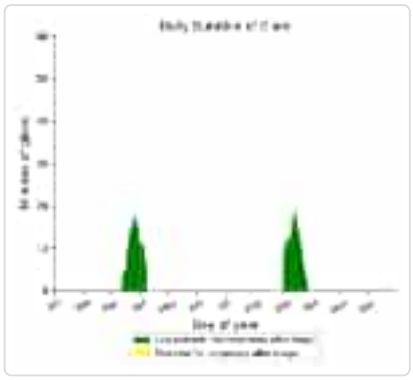


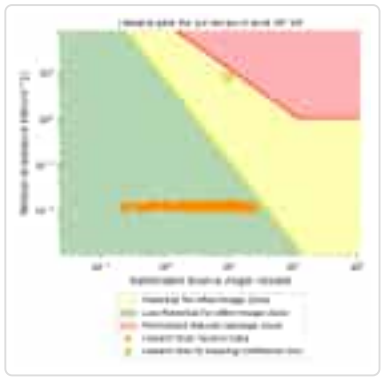
PV array 6: OP 29

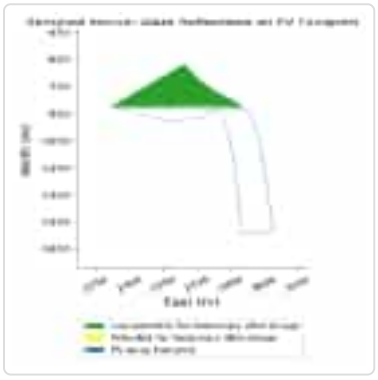
PV array is expected to produce the following glare for this receptor:

- 609 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





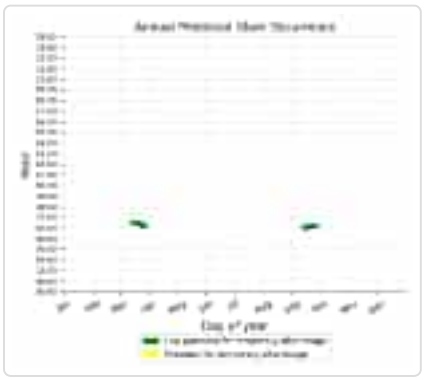


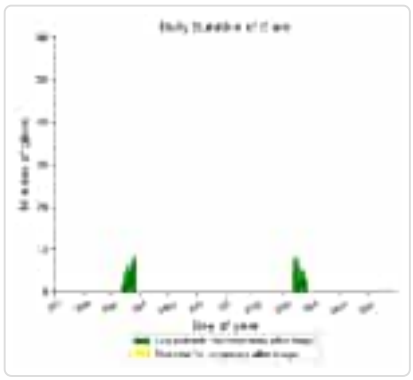


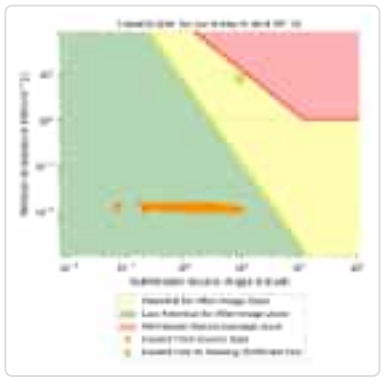
PV array 6: OP 30

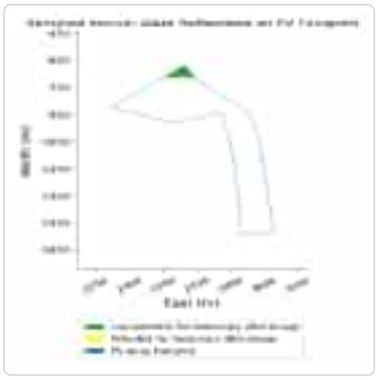
PV array is expected to produce the following glare for this receptor:

- 180 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 31

No glare found

PV array 6: OP 32

No glare found

PV array 6: OP 33

No glare found

PV array 6: OP 34

No glare found

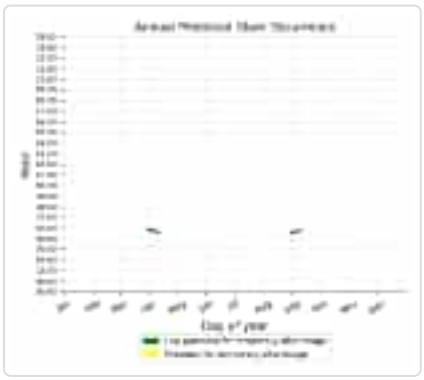
PV array 6: OP 35

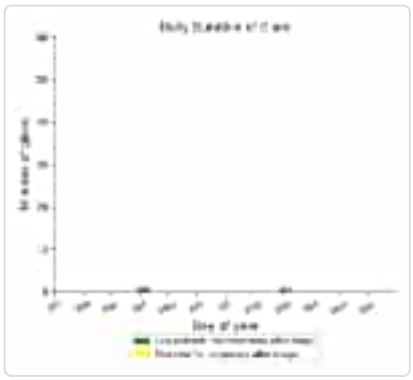
No glare found

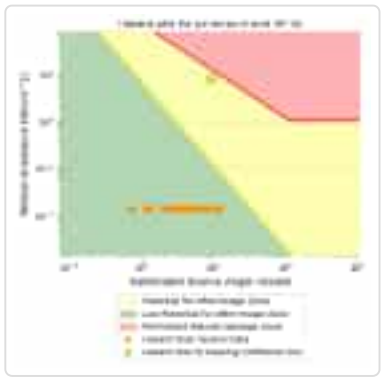
PV array 6: OP 36

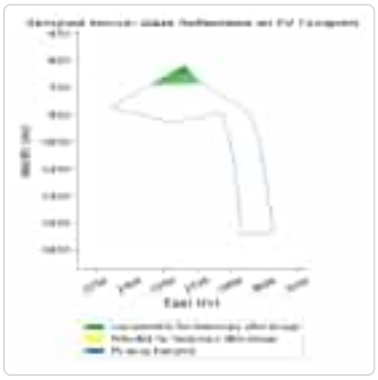
PV array is expected to produce the following glare for this receptor:

- 20 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









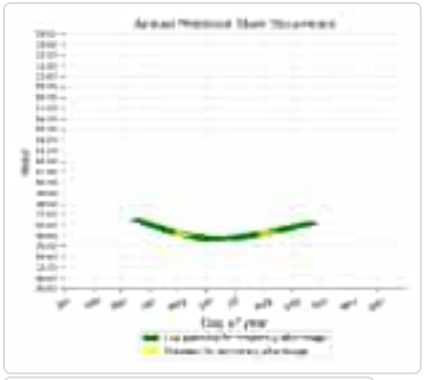
PV array 6: OP 37

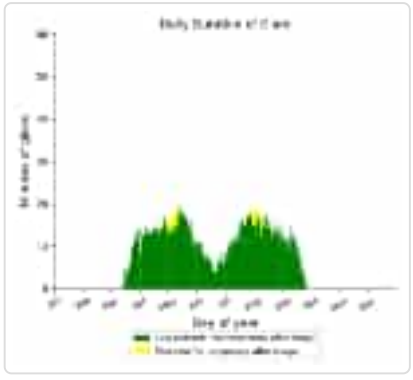
No glare found

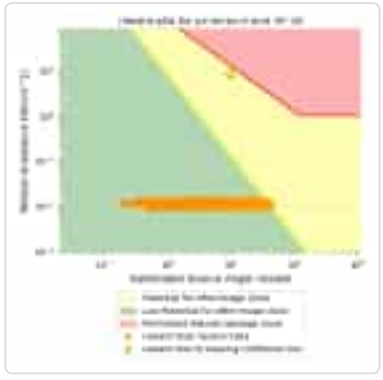
PV array 6: OP 38

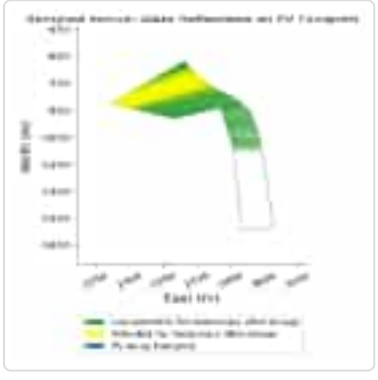
PV array is expected to produce the following glare for this receptor:

- 2,319 minutes of "green" glare with low potential to cause temporary after-image.
- 84 minutes of "yellow" glare with potential to cause temporary after-image.





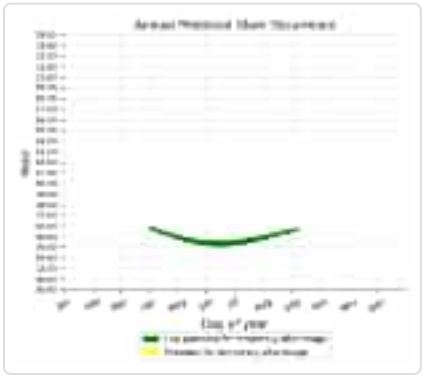


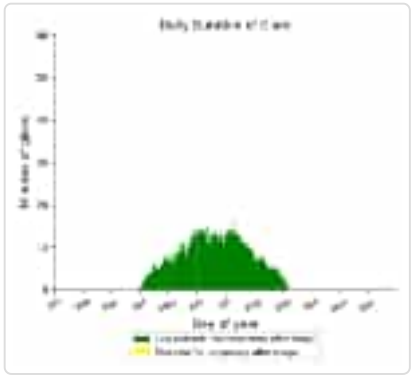


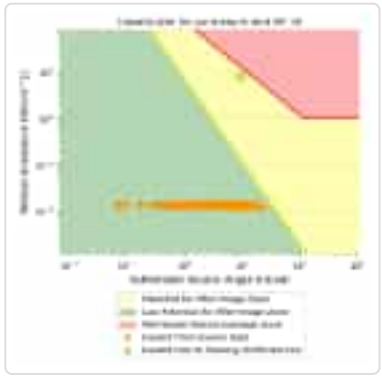
PV array 6: OP 39

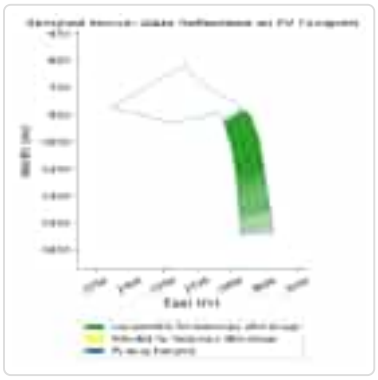
PV array is expected to produce the following glare for this receptor:

- 1,395 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





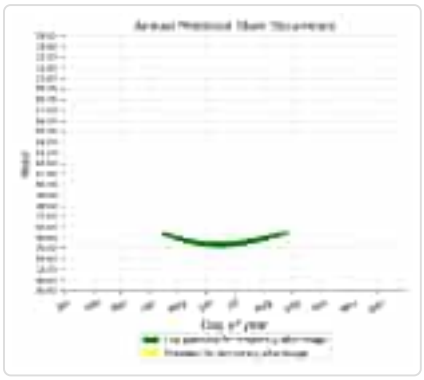


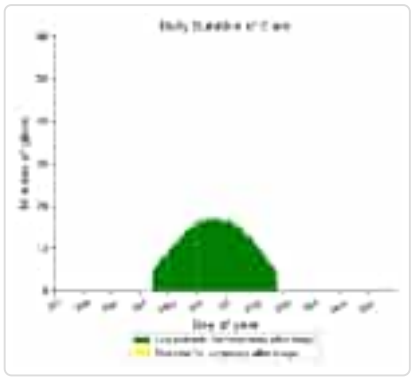


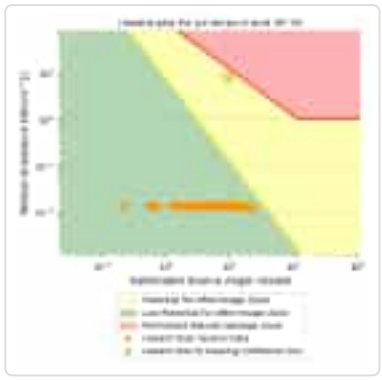
PV array 6: OP 40

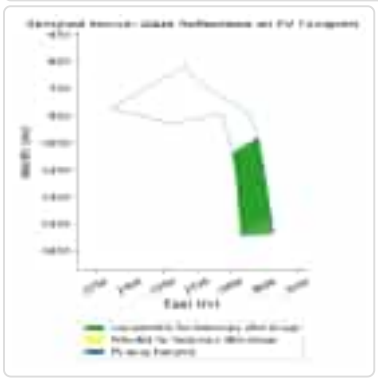
PV array is expected to produce the following glare for this receptor:

- 1,661 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





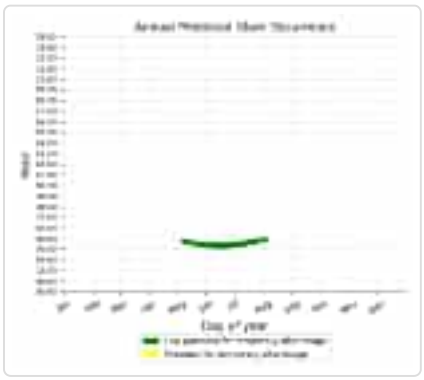


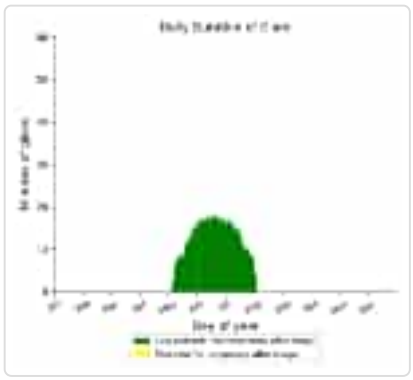


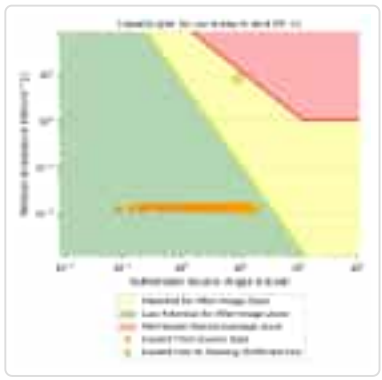
PV array 6: OP 41

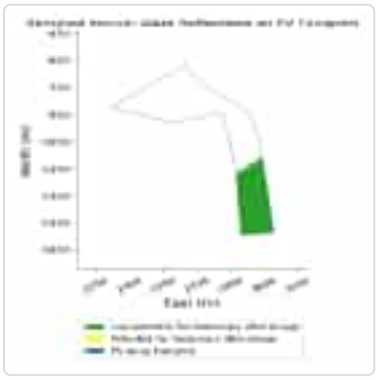
PV array is expected to produce the following glare for this receptor:

- 1,208 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





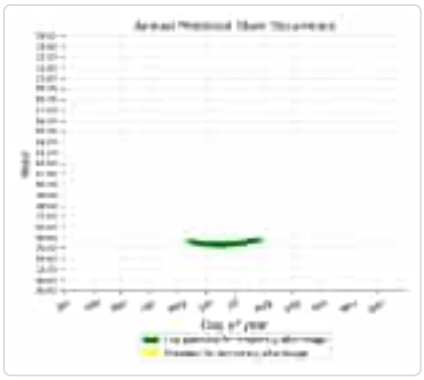


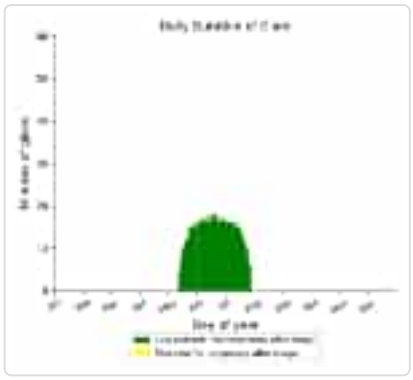


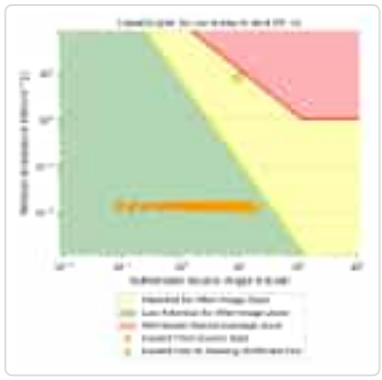
PV array 6: OP 42

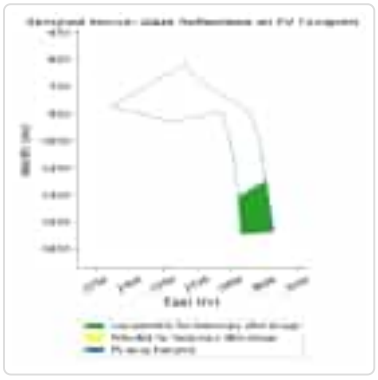
PV array is expected to produce the following glare for this receptor:

- 1,127 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





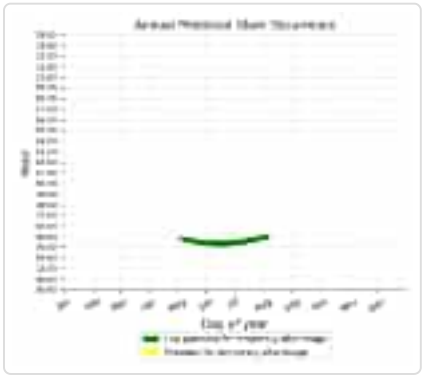


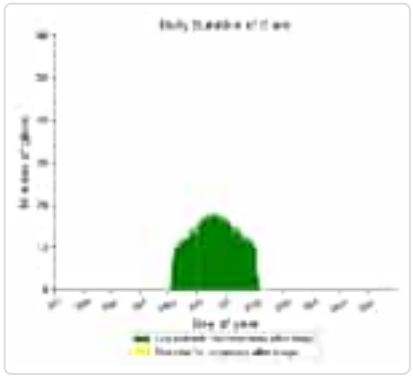


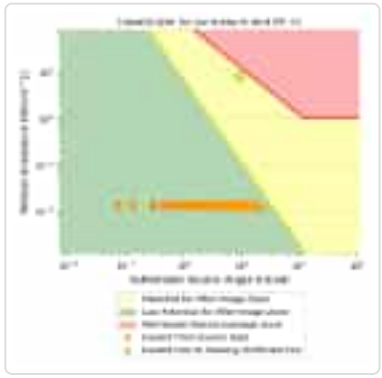
PV array 6: OP 43

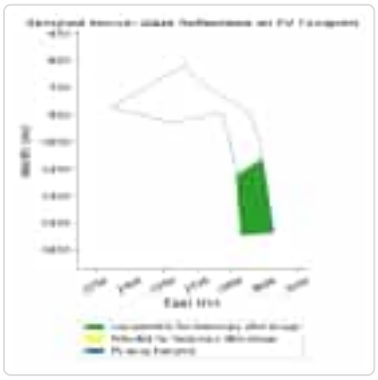
PV array is expected to produce the following glare for this receptor:

- 1,290 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





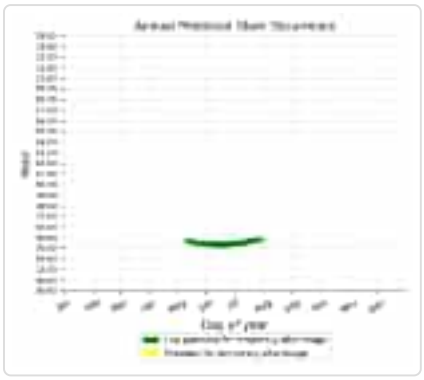


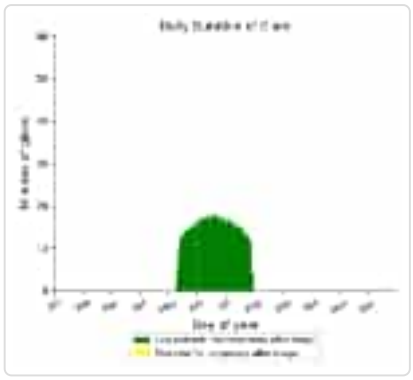


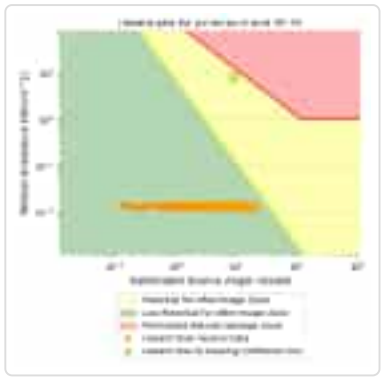
PV array 6: OP 44

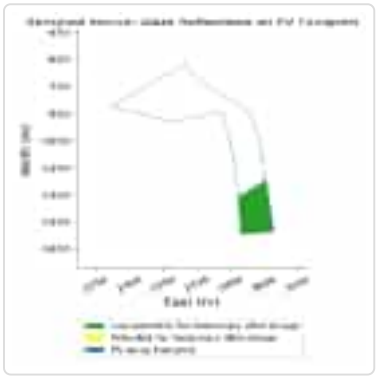
PV array is expected to produce the following glare for this receptor:

- 1,234 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 45

No glare found

PV array 6: OP 46

No glare found

PV array 6: OP 47

No glare found

PV array 6: OP 48

No glare found

PV array 6: OP 49

No glare found

PV array 6: OP 50

No glare found

PV array 6: OP 51

No glare found

PV array 6: OP 52

No glare found

PV array 6: OP 53

No glare found

PV array 6: OP 54

No glare found

PV array 6: OP 55

No glare found

PV array 6: OP 56

No glare found

PV array 6: OP 57

No glare found

PV array 6: OP 58

No glare found

PV array 6: OP 59

No glare found

PV array 6: OP 60

No glare found

PV array 6: OP 61

No glare found

PV array 6: OP 62

No glare found

PV array 6: OP 63

No glare found

PV array 6: OP 64

No glare found

PV array 6: OP 65

No glare found

PV array 6: OP 66

No glare found

PV array 6: OP 67

No glare found

PV array 6: OP 68

No glare found

PV array 6: OP 69

No glare found

PV array 6: OP 70

No glare found

PV array 6: OP 71

No glare found

PV array 6: OP 72

No glare found

PV array 6: OP 73

No glare found

PV array 6: OP 74

No glare found

PV array 6: OP 75

No glare found

PV array 6: OP 76

No glare found

PV array 6: OP 77

No glare found

PV array 6: OP 78

No glare found

PV array 6: OP 79

No glare found

PV array 7 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	93	0
OP: OP 23	68	0
OP: OP 24	0	0
OP: OP 25	75	0
OP: OP 26	59	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	19	0
OP: OP 39	2988	1527
OP: OP 40	1589	0
OP: OP 41	1332	0
OP: OP 42	820	0
OP: OP 43	0	0

OP: OP 44	2894	0
OP: OP 45	2537	218
OP: OP 46	2593	193
OP: OP 47	2595	0
OP: OP 48	4032	0
OP: OP 49	3155	123
OP: OP 50	2771	7
OP: OP 51	3164	0
OP: OP 52	3020	0
OP: OP 53	4080	0
OP: OP 54	3742	0
OP: OP 55	3806	0
OP: OP 56	3803	0
OP: OP 57	3426	0
OP: OP 58	2949	0
OP: OP 59	2442	0
OP: OP 60	1770	0
OP: OP 61	2873	0
OP: OP 62	3120	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

PV array 7: OP 1

No glare found

PV array 7: OP 2

No glare found

PV array 7: OP 3

No glare found

PV array 7: OP 4

No glare found

PV array 7: OP 5

No glare found

PV array 7: OP 6

No glare found

PV array 7: OP 7

No glare found

PV array 7: OP 8

No glare found

PV array 7: OP 9

No glare found

PV array 7: OP 10

No glare found

PV array 7: OP 11

No glare found

PV array 7: OP 12

No glare found

PV array 7: OP 13

No glare found

PV array 7: OP 14

No glare found

PV array 7: OP 15

No glare found

PV array 7: OP 16

No glare found

PV array 7: OP 17

No glare found

PV array 7: OP 18

No glare found

PV array 7: OP 19

No glare found

PV array 7: OP 20

No glare found

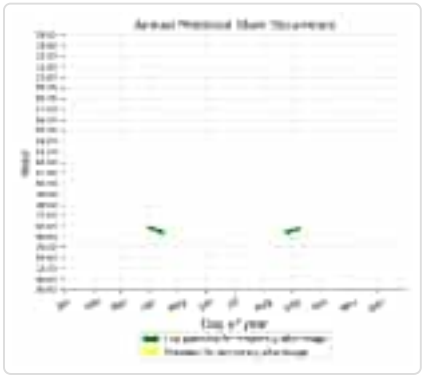
PV array 7: OP 21

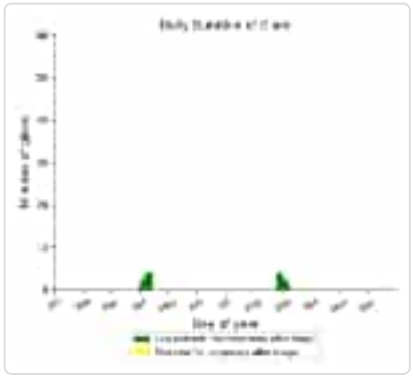
No glare found

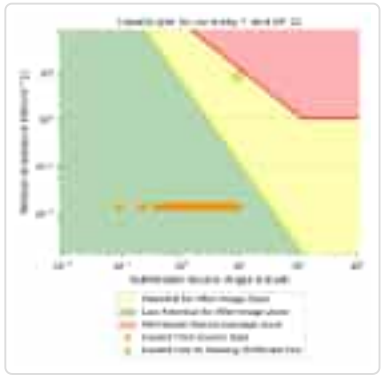
PV array 7: OP 22

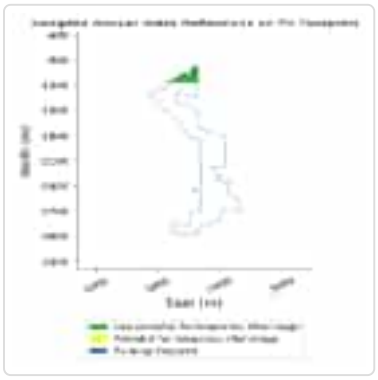
PV array is expected to produce the following glare for this receptor:

- 93 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





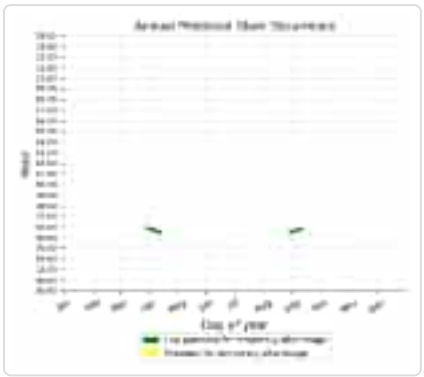


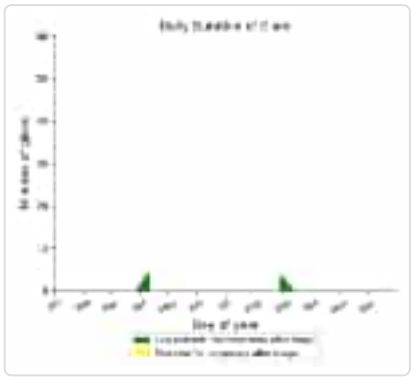


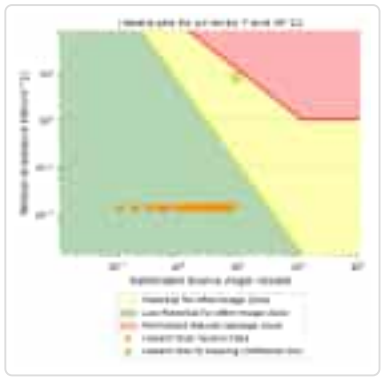
PV array 7: OP 23

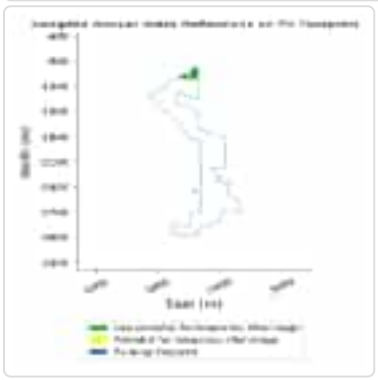
PV array is expected to produce the following glare for this receptor:

- 68 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









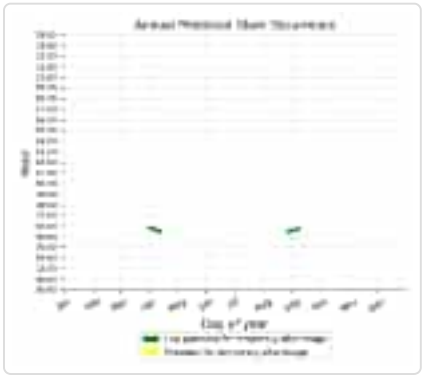
PV array 7: OP 24

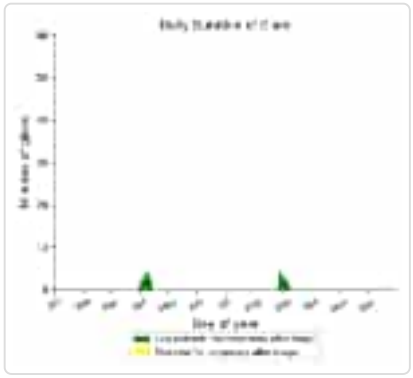
No glare found

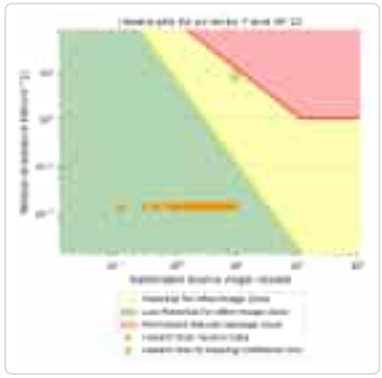
PV array 7: OP 25

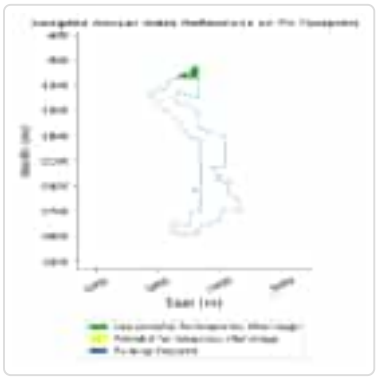
PV array is expected to produce the following glare for this receptor:

- 75 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





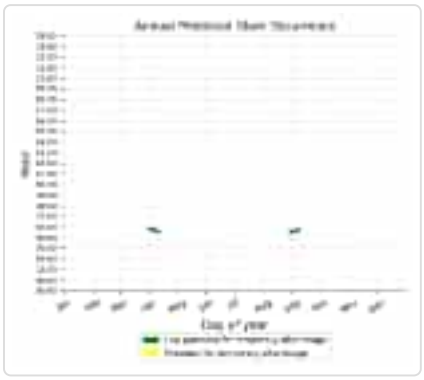


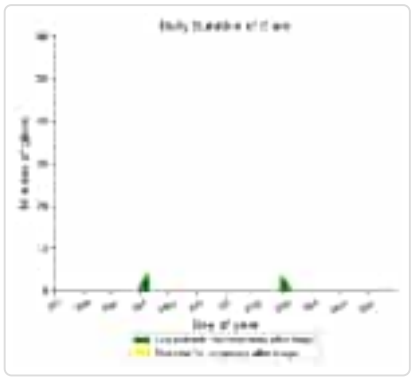


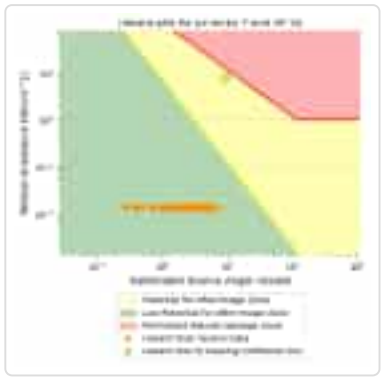
PV array 7: OP 26

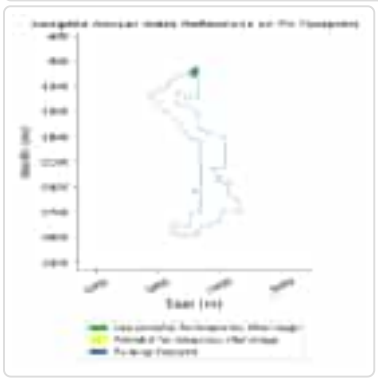
PV array is expected to produce the following glare for this receptor:

- 59 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 27

No glare found

PV array 7: OP 28

No glare found

PV array 7: OP 29

No glare found

PV array 7: OP 30

No glare found

PV array 7: OP 31

No glare found

PV array 7: OP 32

No glare found

PV array 7: OP 33

No glare found

PV array 7: OP 34

No glare found

PV array 7: OP 35

No glare found

PV array 7: OP 36

No glare found

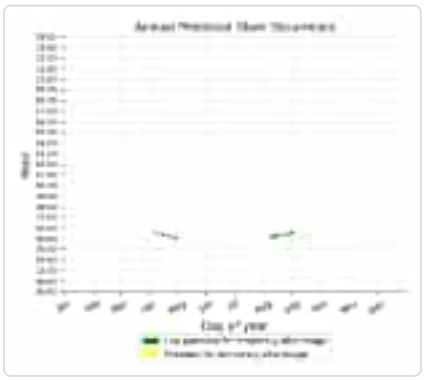
PV array 7: OP 37

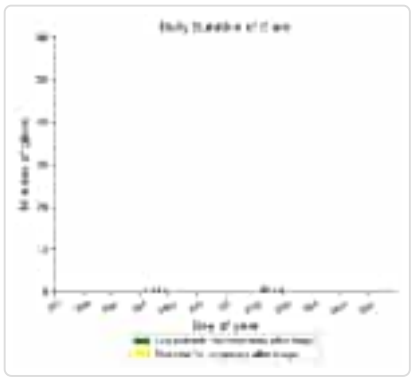
No glare found

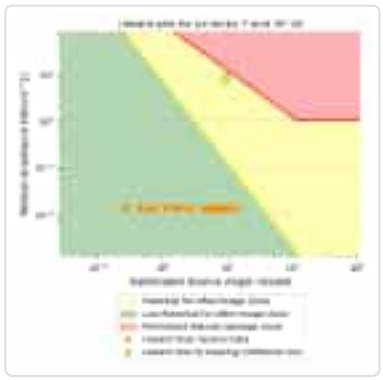
PV array 7: OP 38

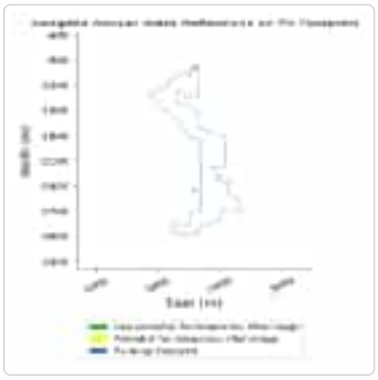
PV array is expected to produce the following glare for this receptor:

- 19 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





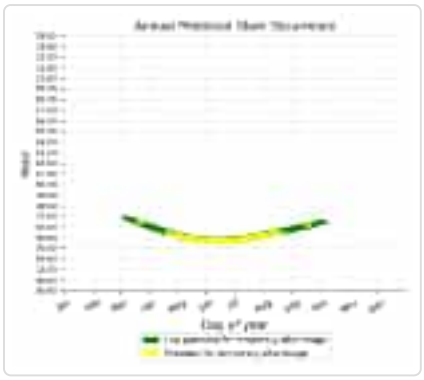


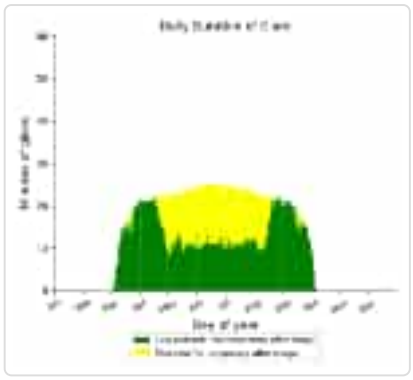


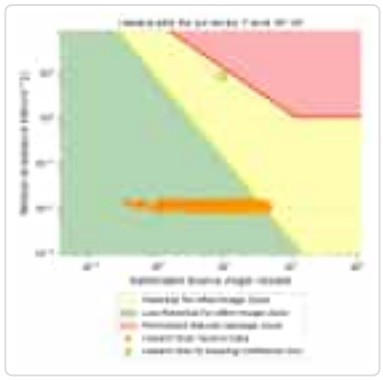
PV array 7: OP 39

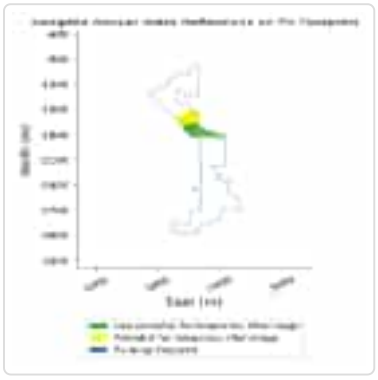
PV array is expected to produce the following glare for this receptor:

- 2,988 minutes of "green" glare with low potential to cause temporary after-image.
- 1,527 minutes of "yellow" glare with potential to cause temporary after-image.





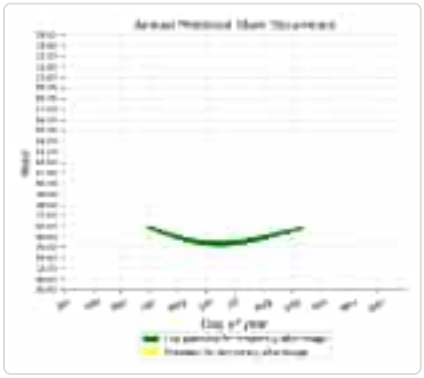


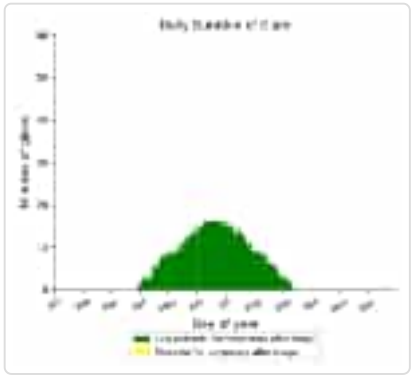


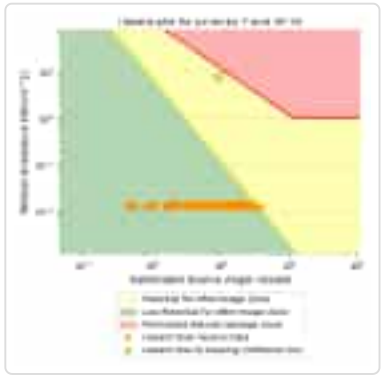
PV array 7: OP 40

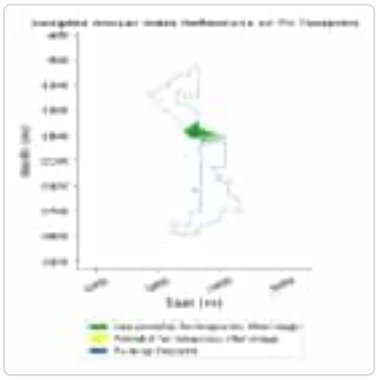
PV array is expected to produce the following glare for this receptor:

- 1,589 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





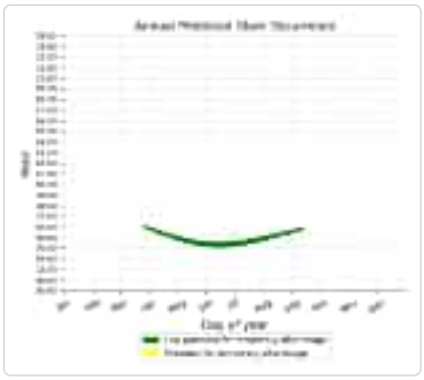


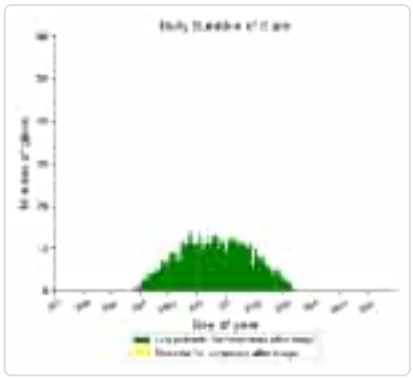


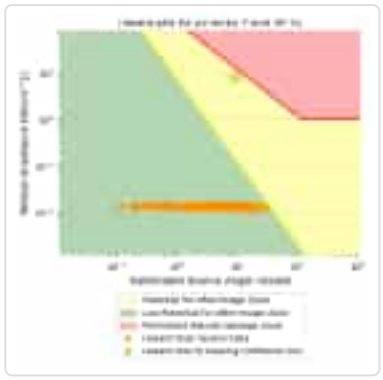
PV array 7: OP 41

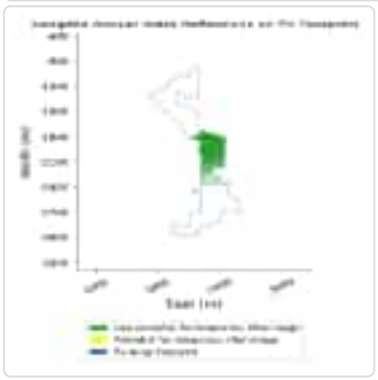
PV array is expected to produce the following glare for this receptor:

- 1,332 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





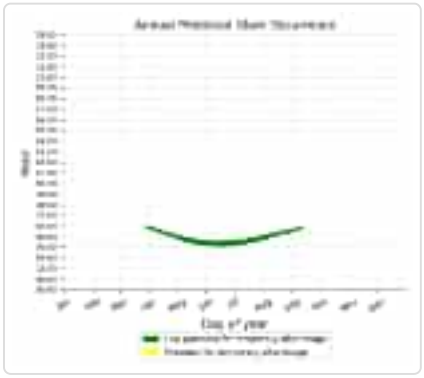


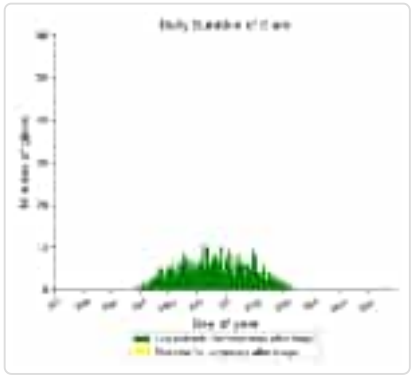


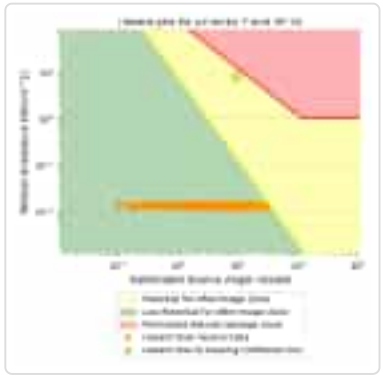
PV array 7: OP 42

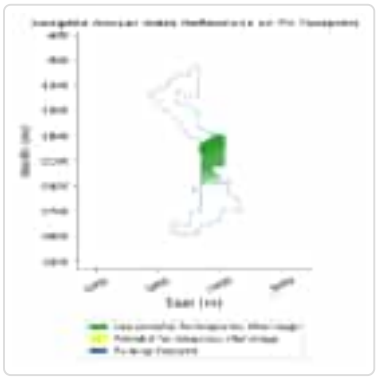
PV array is expected to produce the following glare for this receptor:

- 820 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









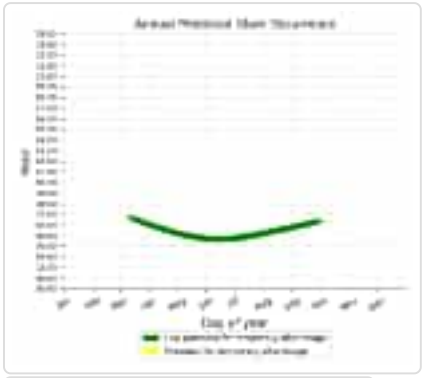
PV array 7: OP 43

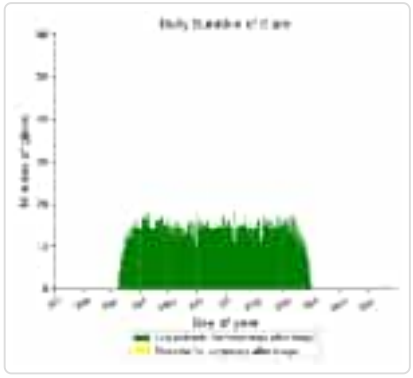
No glare found

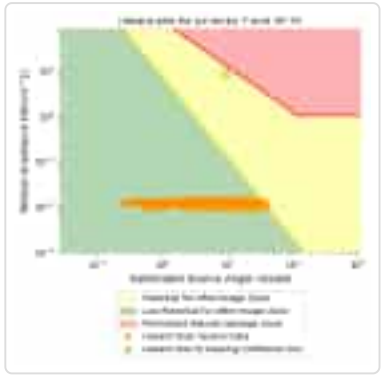
PV array 7: OP 44

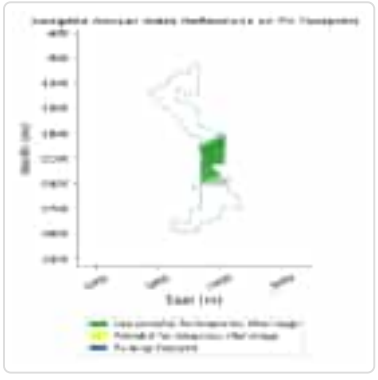
PV array is expected to produce the following glare for this receptor:

- 2,894 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





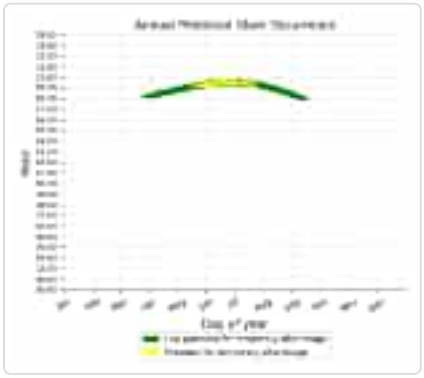


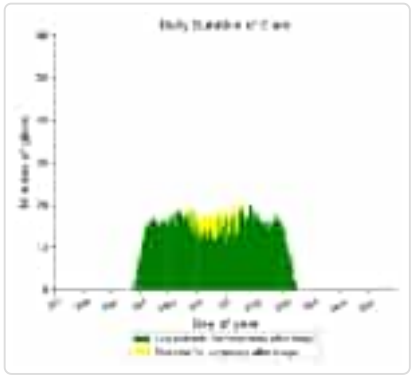


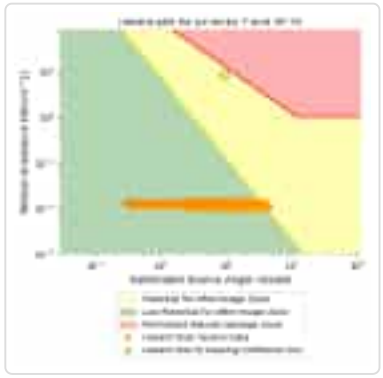
PV array 7: OP 45

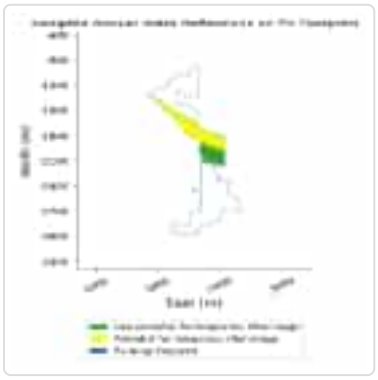
PV array is expected to produce the following glare for this receptor:

- 2,537 minutes of "green" glare with low potential to cause temporary after-image.
- 218 minutes of "yellow" glare with potential to cause temporary after-image.





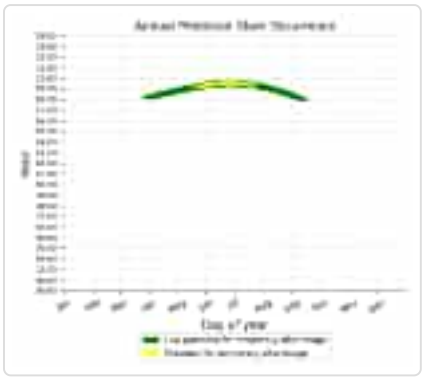


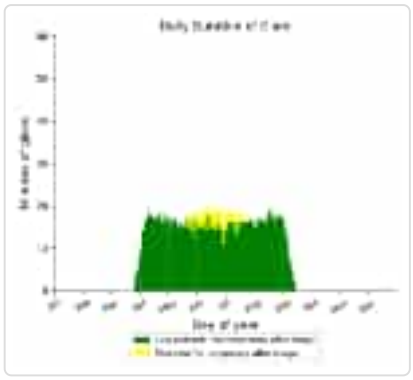


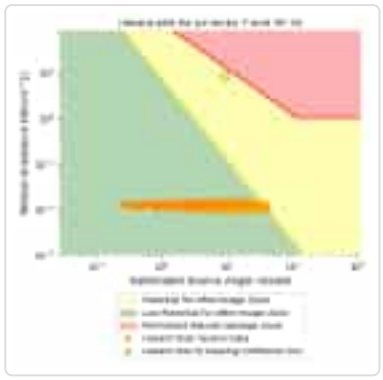
PV array 7: OP 46

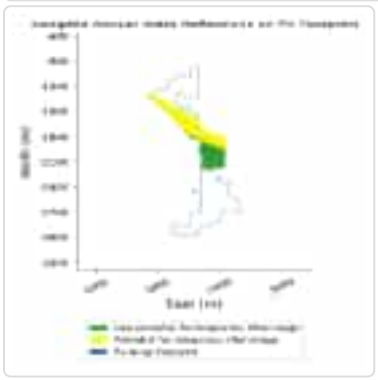
PV array is expected to produce the following glare for this receptor:

- 2,593 minutes of "green" glare with low potential to cause temporary after-image.
- 193 minutes of "yellow" glare with potential to cause temporary after-image.





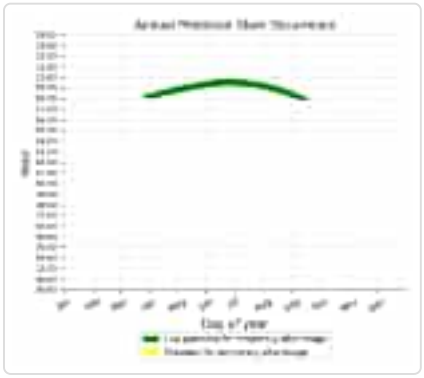


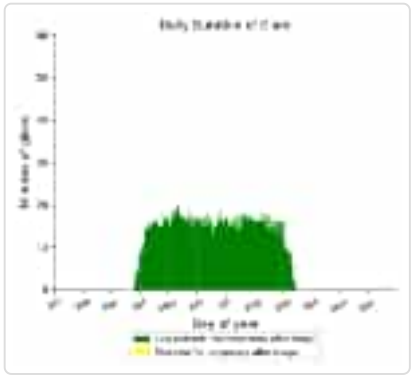


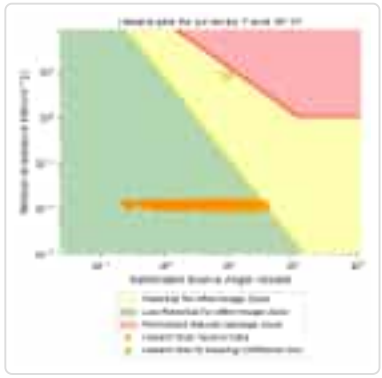
PV array 7: OP 47

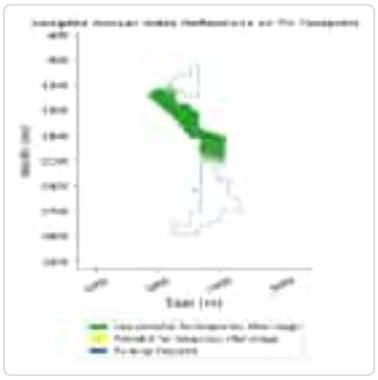
PV array is expected to produce the following glare for this receptor:

- 2,595 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





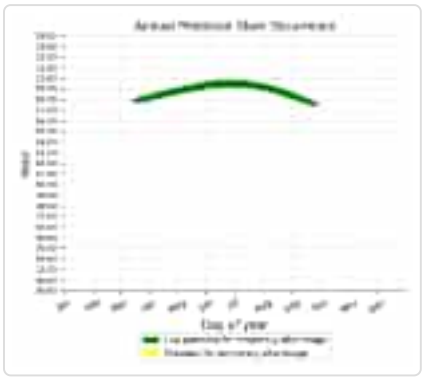


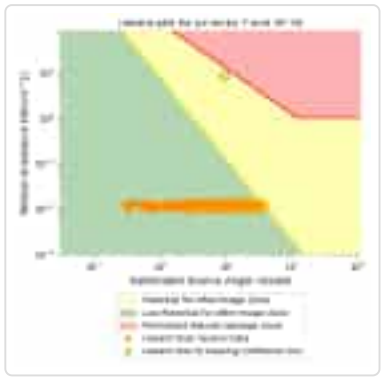


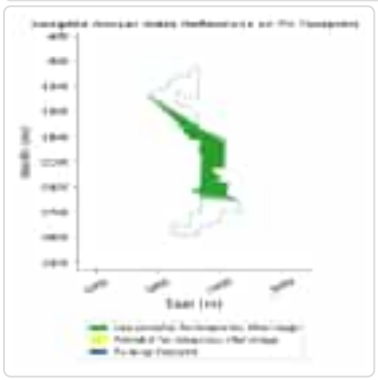
PV array 7: OP 48

PV array is expected to produce the following glare for this receptor:

- 4,032 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



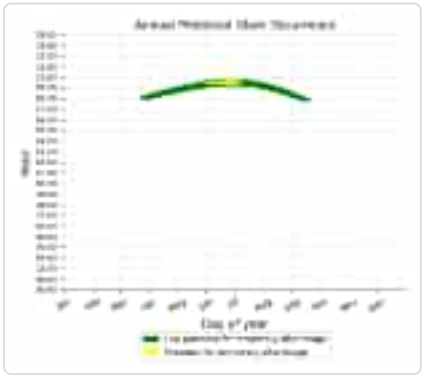


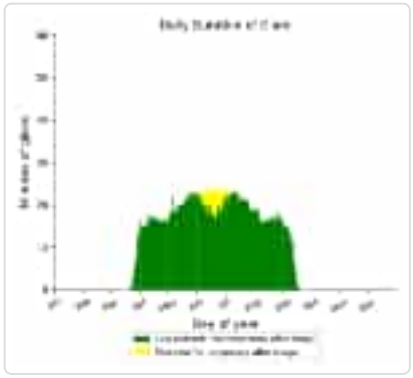


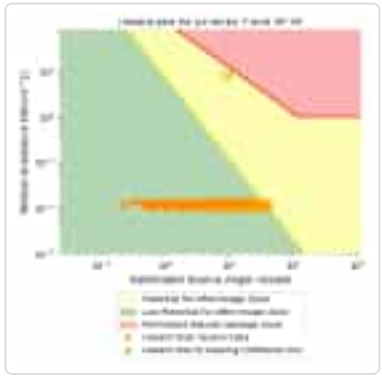
PV array 7: OP 49

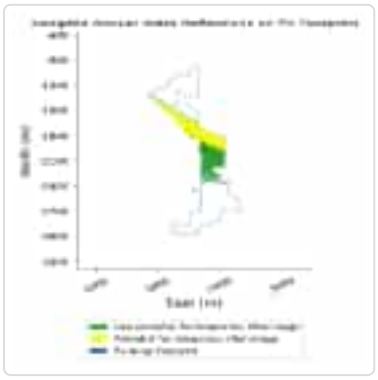
PV array is expected to produce the following glare for this receptor:

- 3,155 minutes of "green" glare with low potential to cause temporary after-image.
- 123 minutes of "yellow" glare with potential to cause temporary after-image.





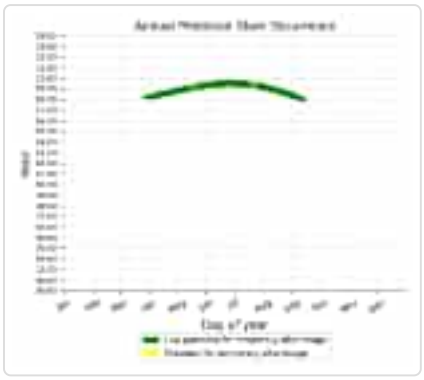


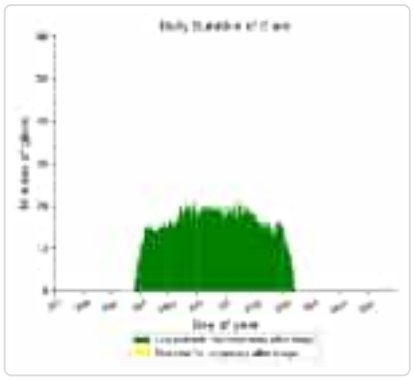


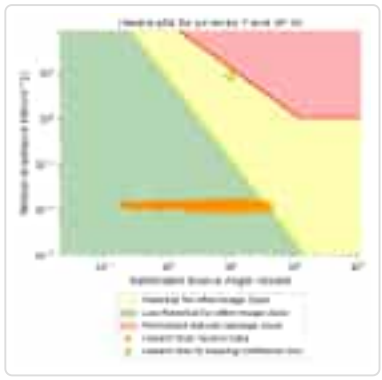
PV array 7: OP 50

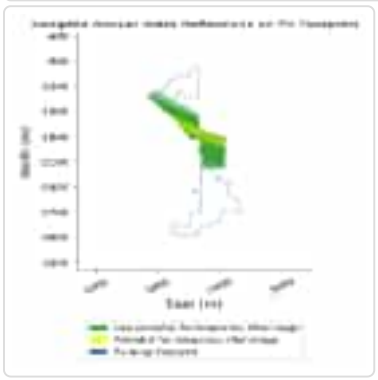
PV array is expected to produce the following glare for this receptor:

- 2,771 minutes of "green" glare with low potential to cause temporary after-image.
- 7 minutes of "yellow" glare with potential to cause temporary after-image.





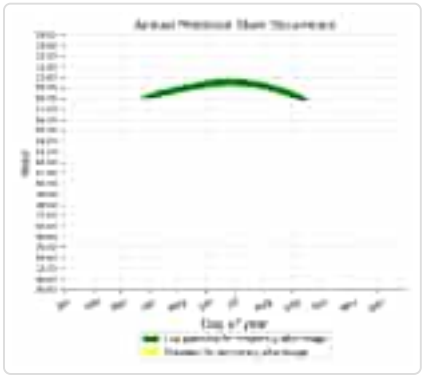


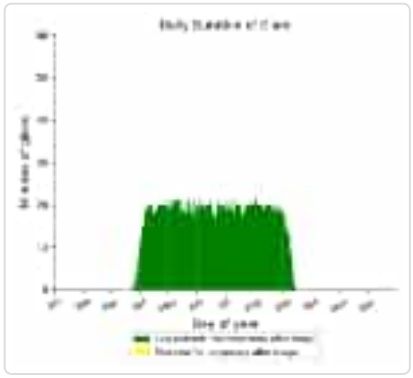


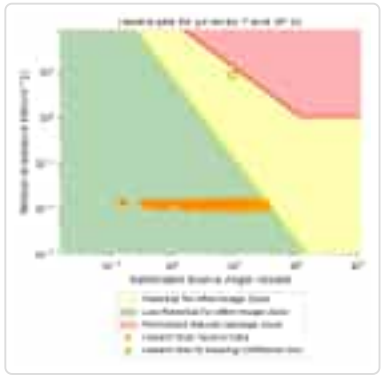
PV array 7: OP 51

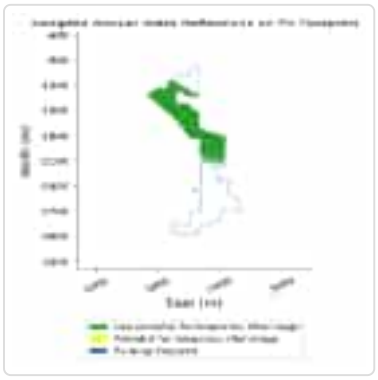
PV array is expected to produce the following glare for this receptor:

- 3,164 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





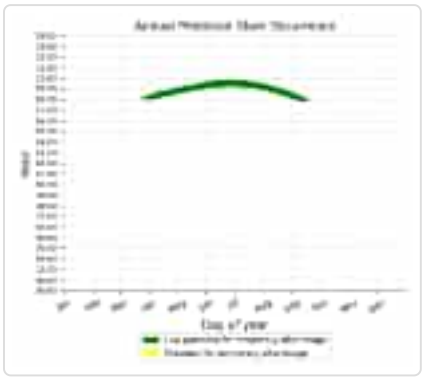


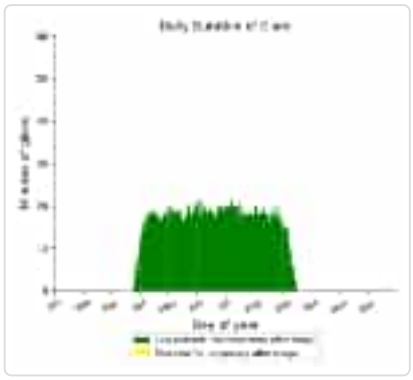


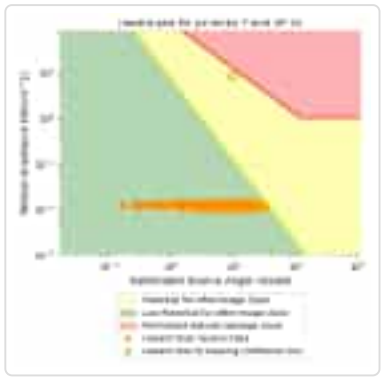
PV array 7: OP 52

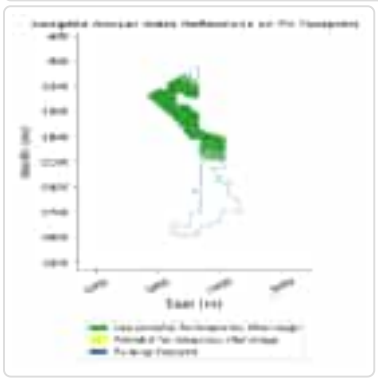
PV array is expected to produce the following glare for this receptor:

- 3,020 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





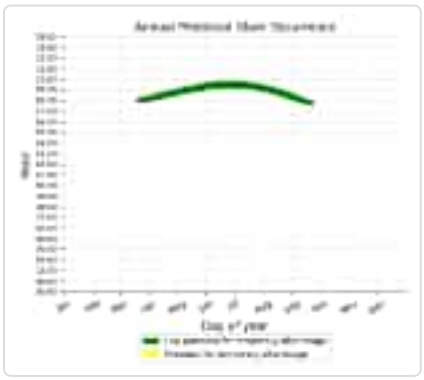


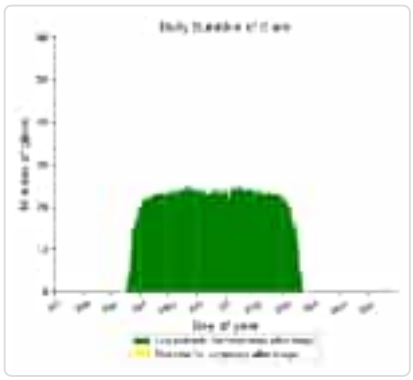


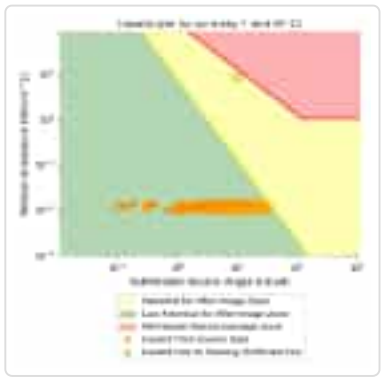
PV array 7: OP 53

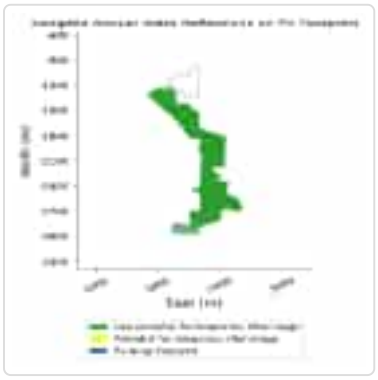
PV array is expected to produce the following glare for this receptor:

- 4,080 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





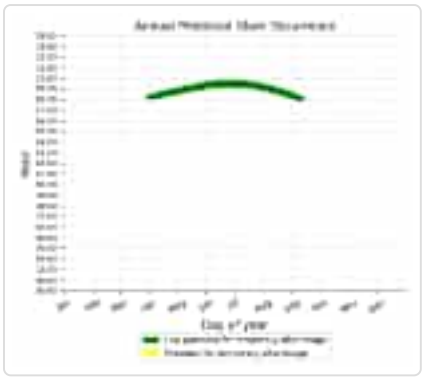


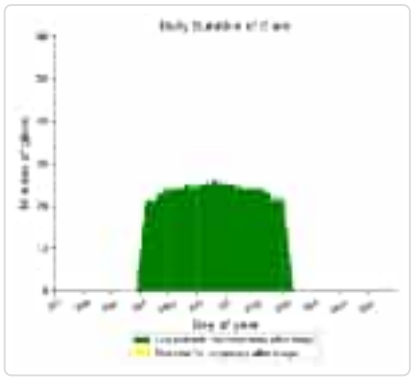


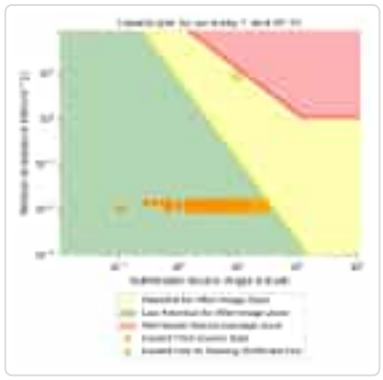
PV array 7: OP 54

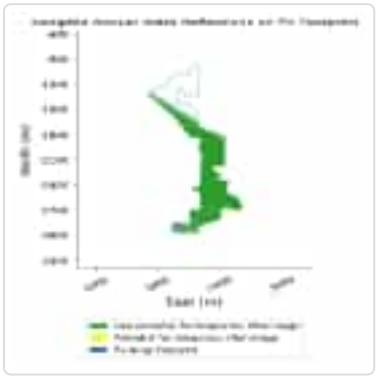
PV array is expected to produce the following glare for this receptor:

- 3,742 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





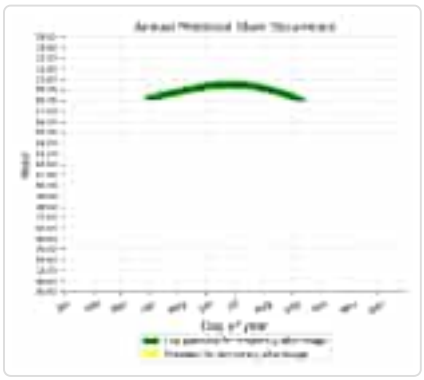


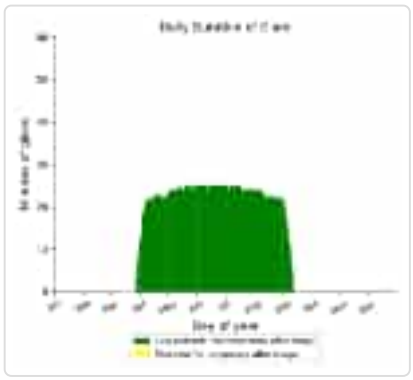


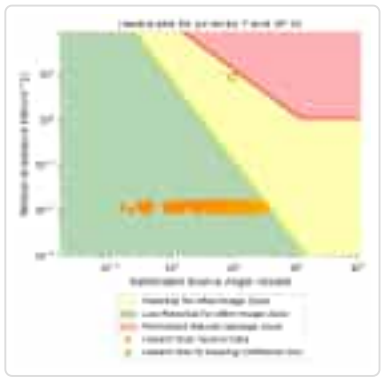
PV array 7: OP 55

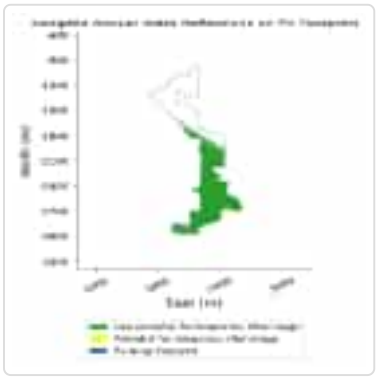
PV array is expected to produce the following glare for this receptor:

- 3,806 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





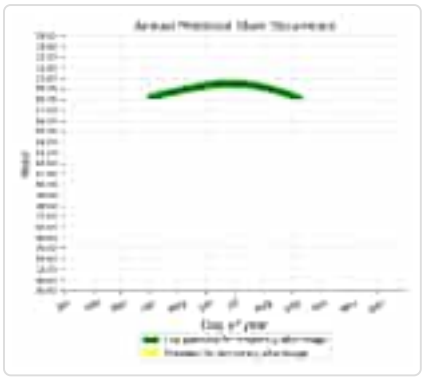


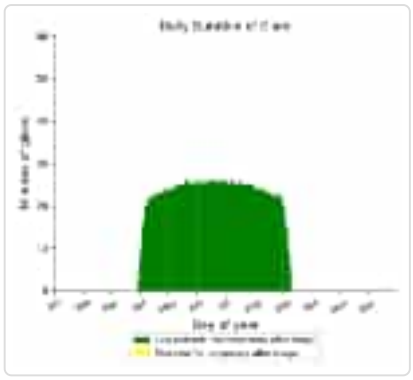


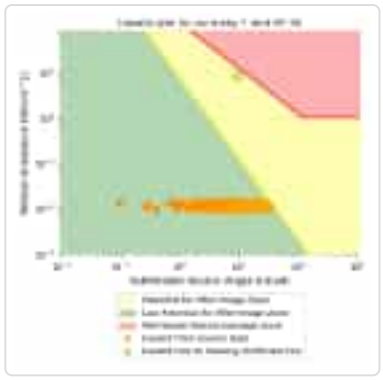
PV array 7: OP 56

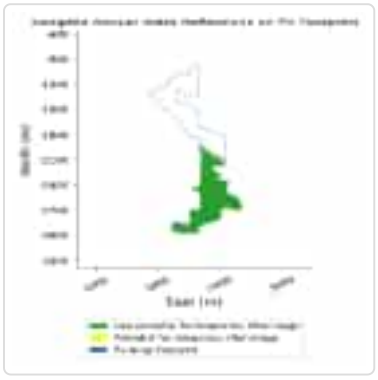
PV array is expected to produce the following glare for this receptor:

- 3,803 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





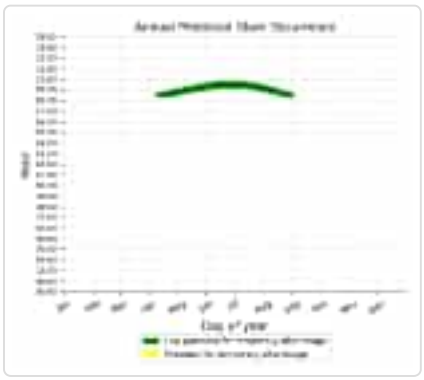


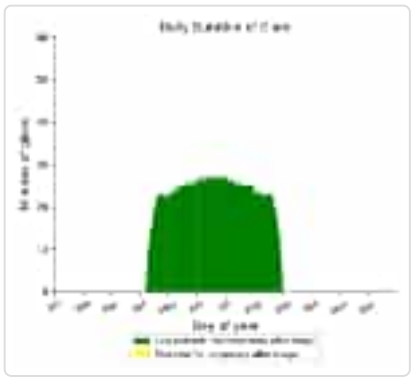


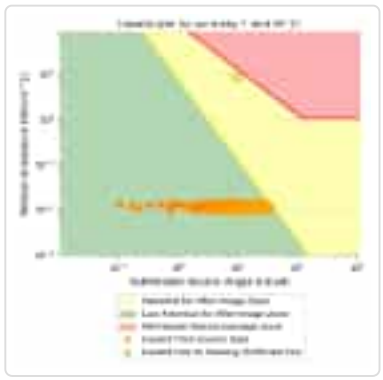
PV array 7: OP 57

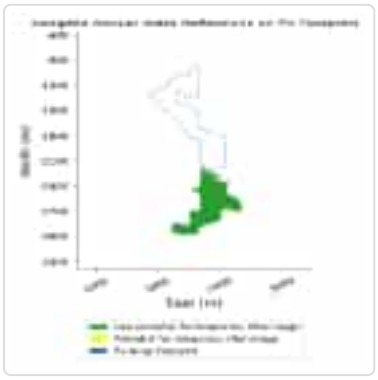
PV array is expected to produce the following glare for this receptor:

- 3,426 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





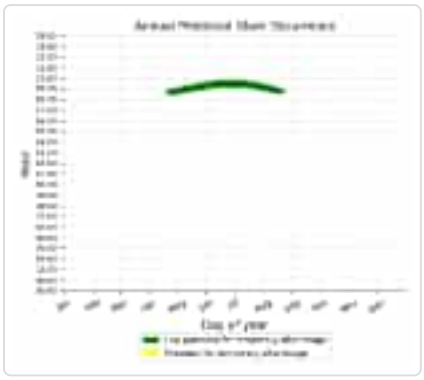


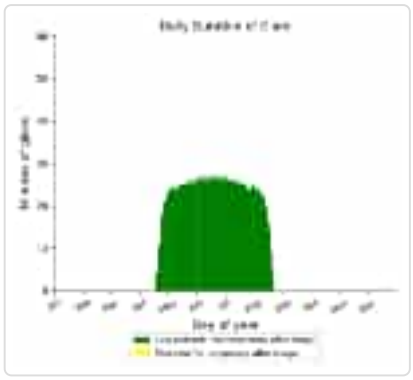


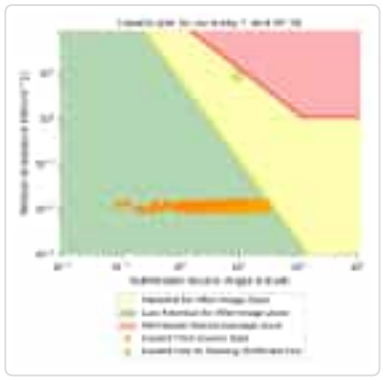
PV array 7: OP 58

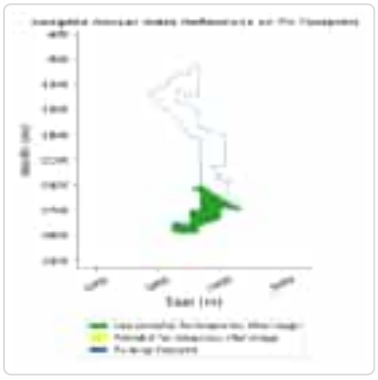
PV array is expected to produce the following glare for this receptor:

- 2,949 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





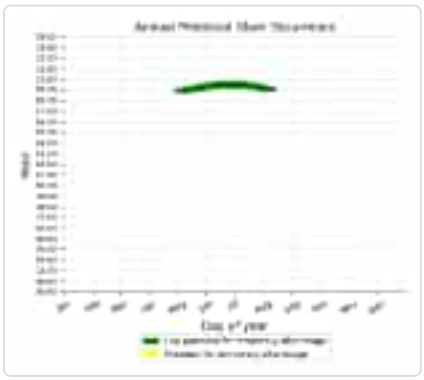


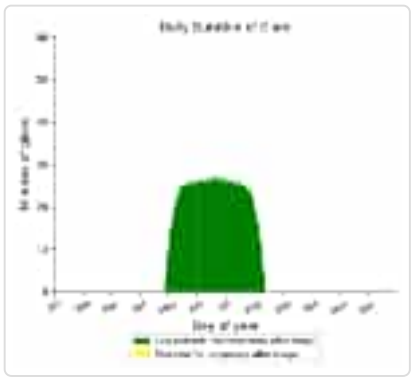


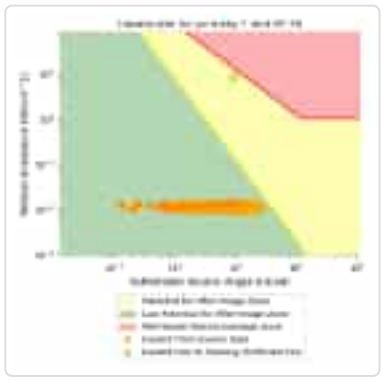
PV array 7: OP 59

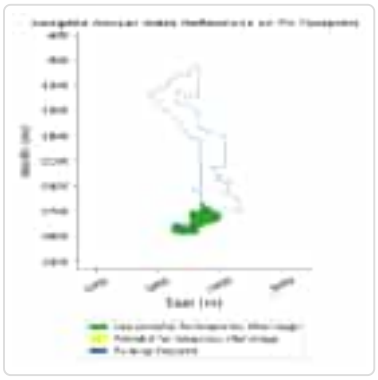
PV array is expected to produce the following glare for this receptor:

- 2,442 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





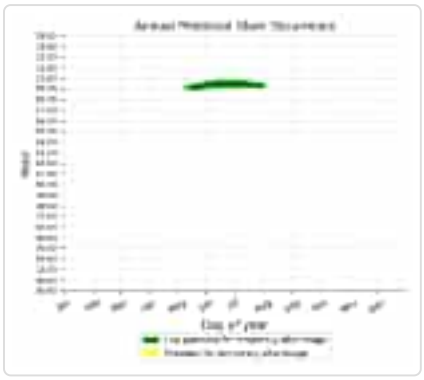


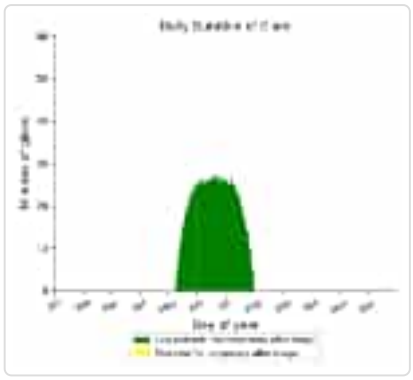


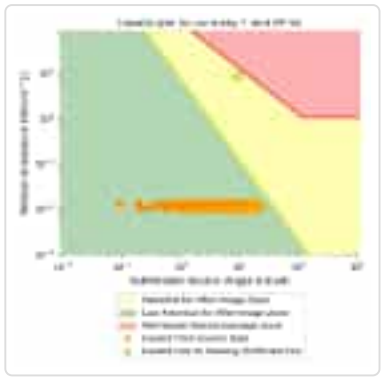
PV array 7: OP 60

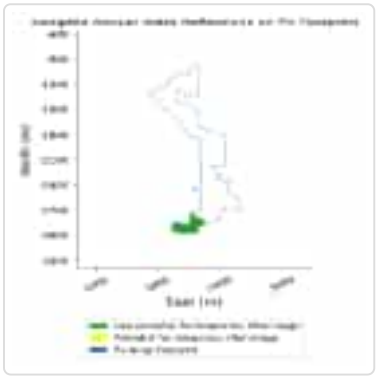
PV array is expected to produce the following glare for this receptor:

- 1,770 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





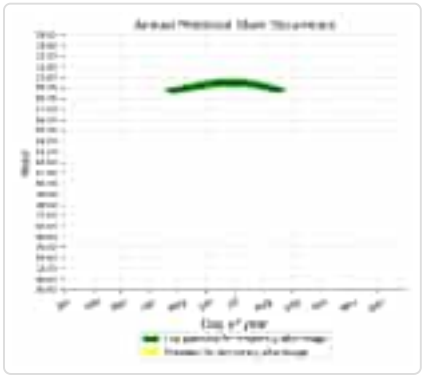


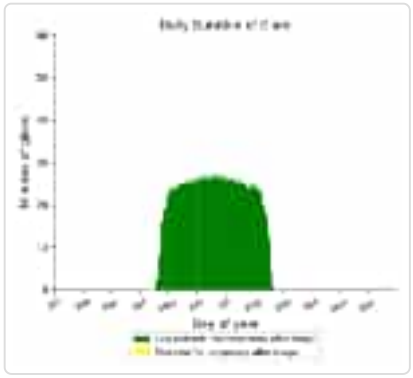


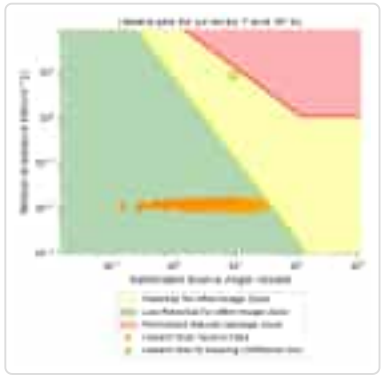
PV array 7: OP 61

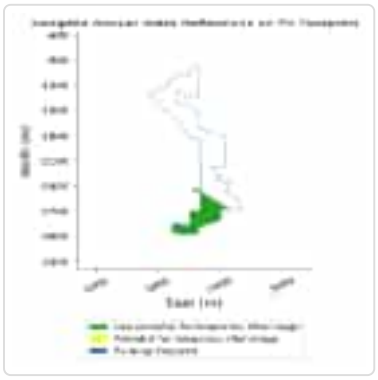
PV array is expected to produce the following glare for this receptor:

- 2,873 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





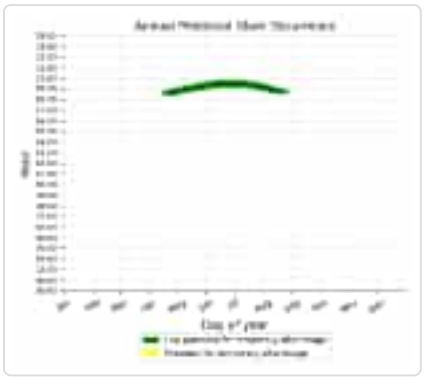


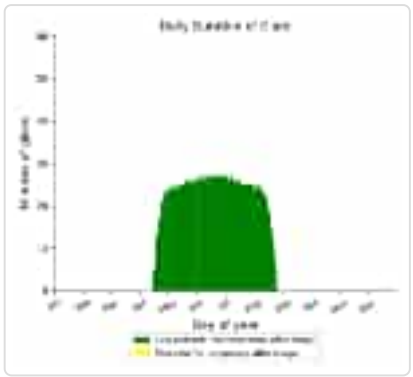


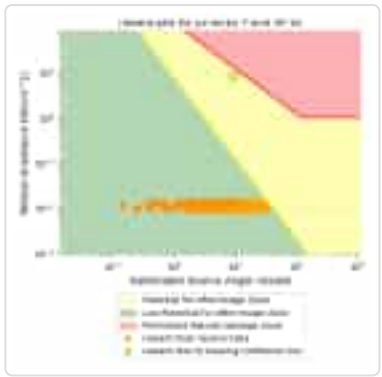
PV array 7: OP 62

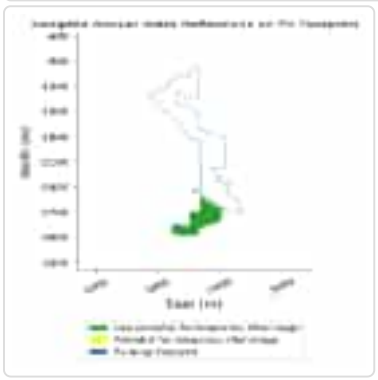
PV array is expected to produce the following glare for this receptor:

- 3,120 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 63

No glare found

PV array 7: OP 64

No glare found

PV array 7: OP 65

No glare found

PV array 7: OP 66

No glare found

PV array 7: OP 67

No glare found

PV array 7: OP 68

No glare found

PV array 7: OP 69

No glare found

PV array 7: OP 70

No glare found

PV array 7: OP 71

No glare found

PV array 7: OP 72

No glare found

PV array 7: OP 73

No glare found

PV array 7: OP 74

No glare found

PV array 7: OP 75

No glare found

PV array 7: OP 76

No glare found

PV array 7: OP 77

No glare found

PV array 7: OP 78

No glare found

PV array 7: OP 79

No glare found

PV array 8 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	633	0
OP: OP 49	0	0
OP: OP 50	0	0

OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	1171	0
OP: OP 54	1387	0
OP: OP 55	1732	0
OP: OP 56	2488	0
OP: OP 57	1464	0
OP: OP 58	22	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

PV array 8: OP 1

No glare found

PV array 8: OP 2

No glare found

PV array 8: OP 3

No glare found

PV array 8: OP 4

No glare found

PV array 8: OP 5

No glare found

PV array 8: OP 6

No glare found

PV array 8: OP 7

No glare found

PV array 8: OP 8

No glare found

PV array 8: OP 9

No glare found

PV array 8: OP 10

No glare found

PV array 8: OP 11

No glare found

PV array 8: OP 12

No glare found

PV array 8: OP 13

No glare found

PV array 8: OP 14

No glare found

PV array 8: OP 15

No glare found

PV array 8: OP 16

No glare found

PV array 8: OP 17

No glare found

PV array 8: OP 18

No glare found

PV array 8: OP 19

No glare found

PV array 8: OP 20

No glare found

PV array 8: OP 21

No glare found

PV array 8: OP 22

No glare found

PV array 8: OP 23

No glare found

PV array 8: OP 24

No glare found

PV array 8: OP 25

No glare found

PV array 8: OP 26

No glare found

PV array 8: OP 27

No glare found

PV array 8: OP 28

No glare found

PV array 8: OP 29

No glare found

PV array 8: OP 30

No glare found

PV array 8: OP 31

No glare found

PV array 8: OP 32

No glare found

PV array 8: OP 33

No glare found

PV array 8: OP 34

No glare found

PV array 8: OP 35

No glare found

PV array 8: OP 36

No glare found

PV array 8: OP 37

No glare found

PV array 8: OP 38

No glare found

PV array 8: OP 39

No glare found

PV array 8: OP 40

No glare found

PV array 8: OP 41

No glare found

PV array 8: OP 42

No glare found

PV array 8: OP 43

No glare found

PV array 8: OP 44

No glare found

PV array 8: OP 45

No glare found

PV array 8: OP 46

No glare found

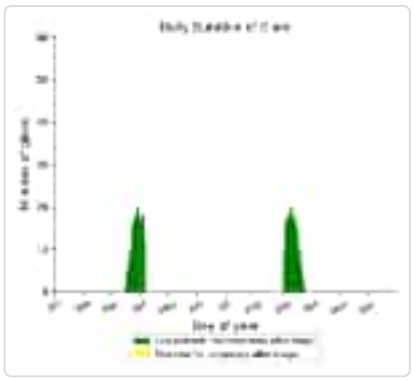
PV array 8: OP 47

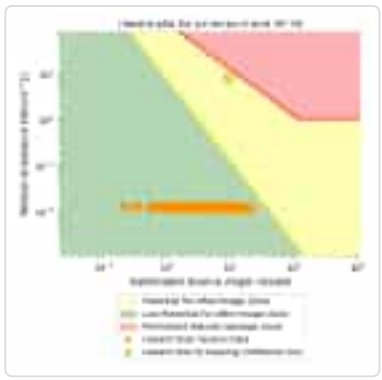
No glare found

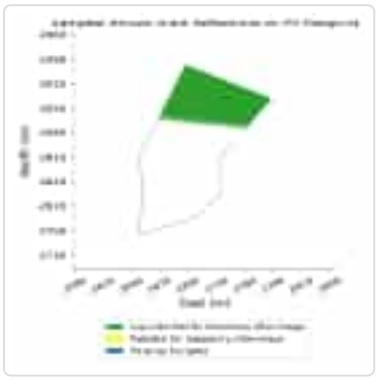
PV array 8: OP 48

PV array is expected to produce the following glare for this receptor:

- 633 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 8: OP 49

No glare found

PV array 8: OP 50

No glare found

PV array 8: OP 51

No glare found

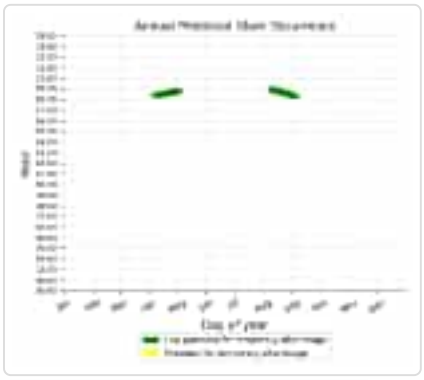
PV array 8: OP 52

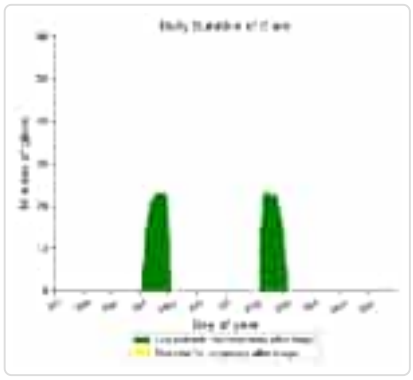
No glare found

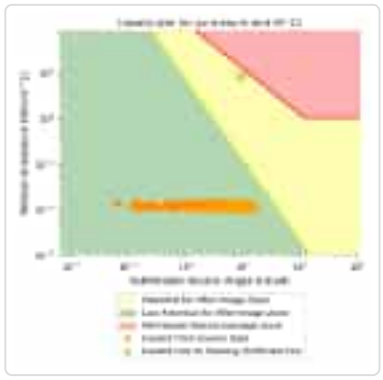
PV array 8: OP 53

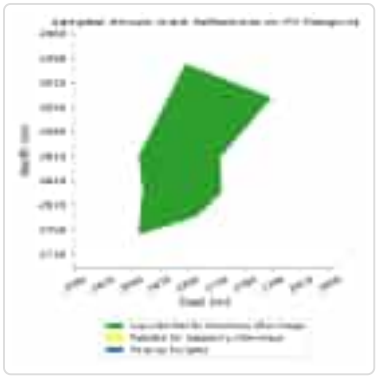
PV array is expected to produce the following glare for this receptor:

- 1,171 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





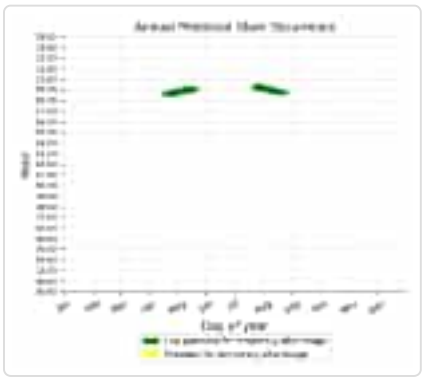


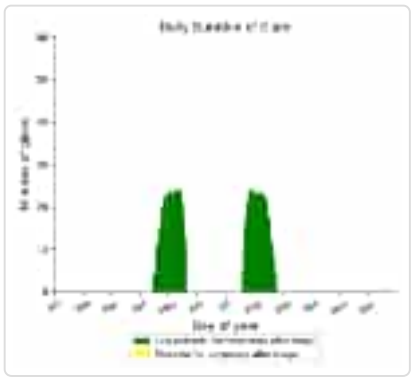


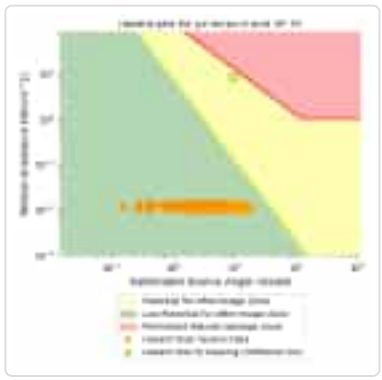
PV array 8: OP 54

PV array is expected to produce the following glare for this receptor:

- 1,387 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



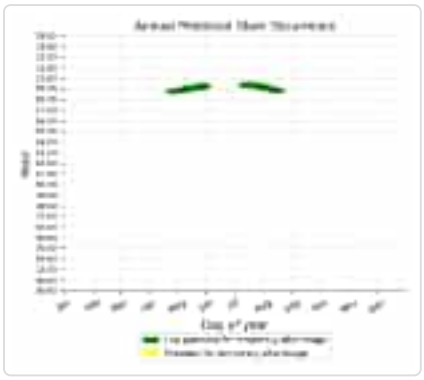


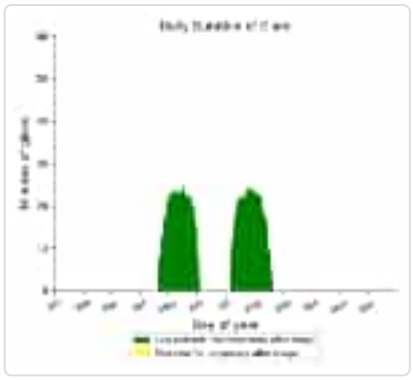


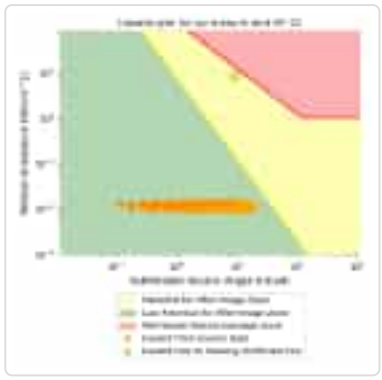
PV array 8: OP 55

PV array is expected to produce the following glare for this receptor:

- 1,732 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



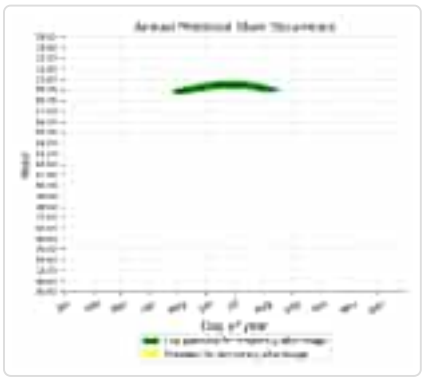


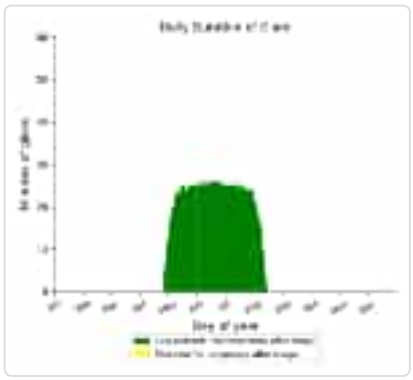


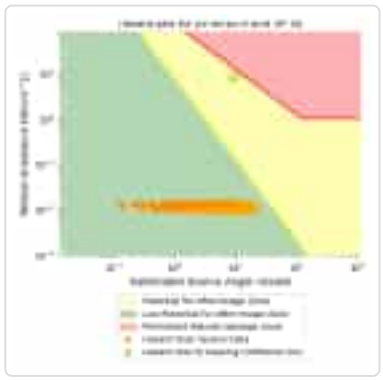
PV array 8: OP 56

PV array is expected to produce the following glare for this receptor:

- 2,488 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



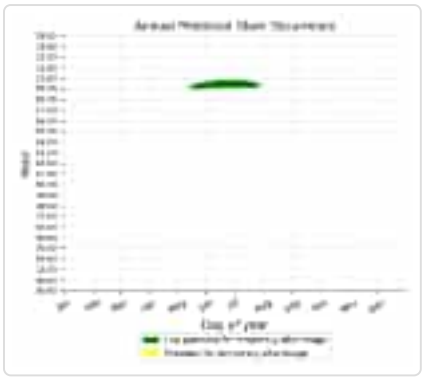


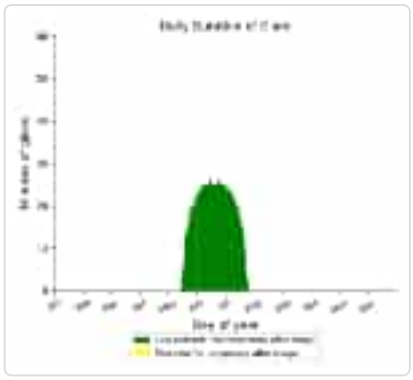


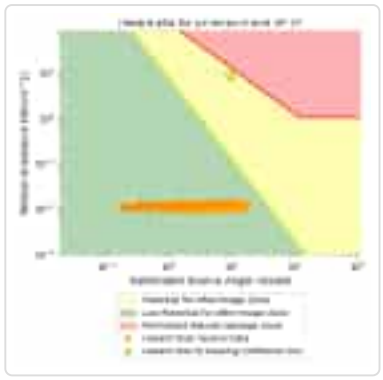
PV array 8: OP 57

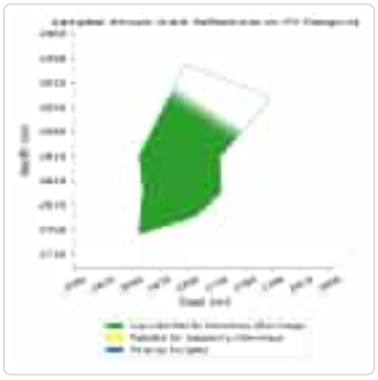
PV array is expected to produce the following glare for this receptor:

- 1,464 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





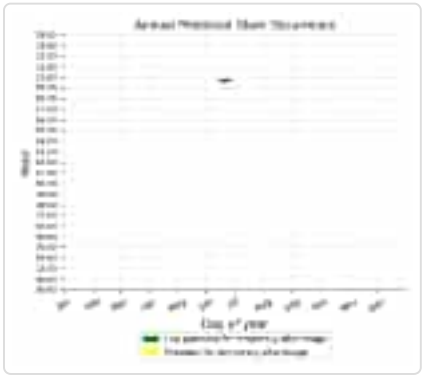


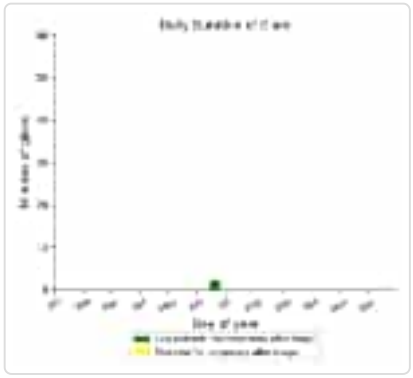


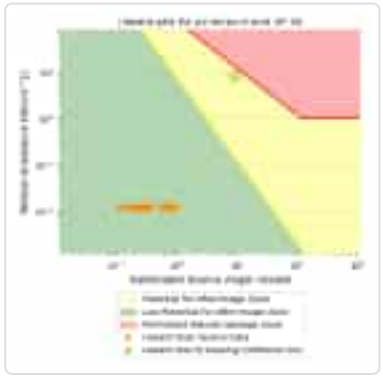
PV array 8: OP 58

PV array is expected to produce the following glare for this receptor:

- 22 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 8: OP 59

No glare found

PV array 8: OP 60

No glare found

PV array 8: OP 61

No glare found

PV array 8: OP 62

No glare found

PV array 8: OP 63

No glare found

PV array 8: OP 64

No glare found

PV array 8: OP 65

No glare found

PV array 8: OP 66

No glare found

PV array 8: OP 67

No glare found

PV array 8: OP 68

No glare found

PV array 8: OP 69

No glare found

PV array 8: OP 70

No glare found

PV array 8: OP 71

No glare found

PV array 8: OP 72

No glare found

PV array 8: OP 73

No glare found

PV array 8: OP 74

No glare found

PV array 8: OP 75

No glare found

PV array 8: OP 76

No glare found

PV array 8: OP 77

No glare found

PV array 8: OP 78

No glare found

PV array 8: OP 79

No glare found

PV array 9 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0

OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	30	0
OP: OP 55	59	0
OP: OP 56	312	0
OP: OP 57	655	0
OP: OP 58	952	0
OP: OP 59	1110	0
OP: OP 60	1439	0
OP: OP 61	916	0
OP: OP 62	922	0
OP: OP 63	636	0
OP: OP 64	0	0

OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	925	0
OP: OP 77	291	0
OP: OP 78	0	0
OP: OP 79	0	0

PV array 9: OP 1

No glare found

PV array 9: OP 2

No glare found

PV array 9: OP 3

No glare found

PV array 9: OP 4

No glare found

PV array 9: OP 5

No glare found

PV array 9: OP 6

No glare found

PV array 9: OP 7

No glare found

PV array 9: OP 8

No glare found

PV array 9: OP 9

No glare found

PV array 9: OP 10

No glare found

PV array 9: OP 11

No glare found

PV array 9: OP 12

No glare found

PV array 9: OP 13

No glare found

PV array 9: OP 14

No glare found

PV array 9: OP 15

No glare found

PV array 9: OP 16

No glare found

PV array 9: OP 17

No glare found

PV array 9: OP 18

No glare found

PV array 9: OP 19

No glare found

PV array 9: OP 20

No glare found

PV array 9: OP 21

No glare found

PV array 9: OP 22

No glare found

PV array 9: OP 23

No glare found

PV array 9: OP 24

No glare found

PV array 9: OP 25

No glare found

PV array 9: OP 26

No glare found

PV array 9: OP 27

No glare found

PV array 9: OP 28

No glare found

PV array 9: OP 29

No glare found

PV array 9: OP 30

No glare found

PV array 9: OP 31

No glare found

PV array 9: OP 32

No glare found

PV array 9: OP 33

No glare found

PV array 9: OP 34

No glare found

PV array 9: OP 35

No glare found

PV array 9: OP 36

No glare found

PV array 9: OP 37

No glare found

PV array 9: OP 38

No glare found

PV array 9: OP 39

No glare found

PV array 9: OP 40

No glare found

PV array 9: OP 41

No glare found

PV array 9: OP 42

No glare found

PV array 9: OP 43

No glare found

PV array 9: OP 44

No glare found

PV array 9: OP 45

No glare found

PV array 9: OP 46

No glare found

PV array 9: OP 47

No glare found

PV array 9: OP 48

No glare found

PV array 9: OP 49

No glare found

PV array 9: OP 50

No glare found

PV array 9: OP 51

No glare found

PV array 9: OP 52

No glare found

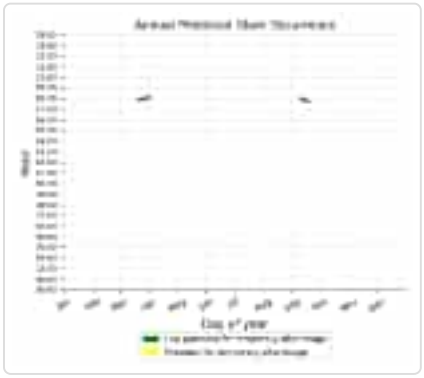
PV array 9: OP 53

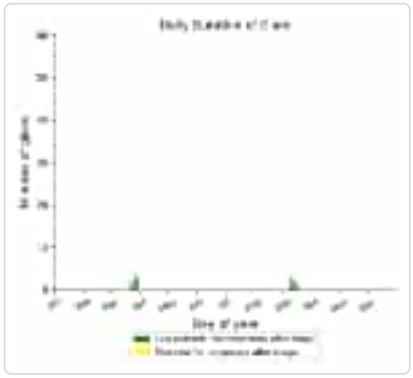
No glare found

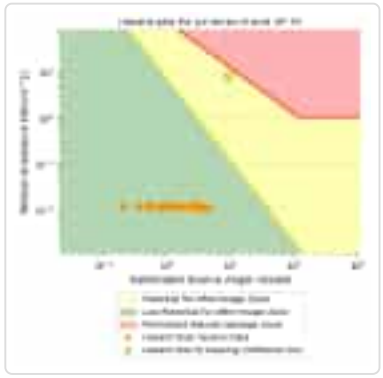
PV array 9: OP 54

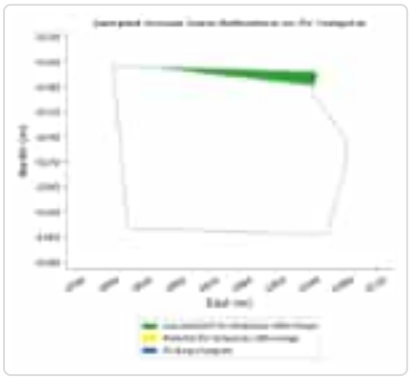
PV array is expected to produce the following glare for this receptor:

- 30 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





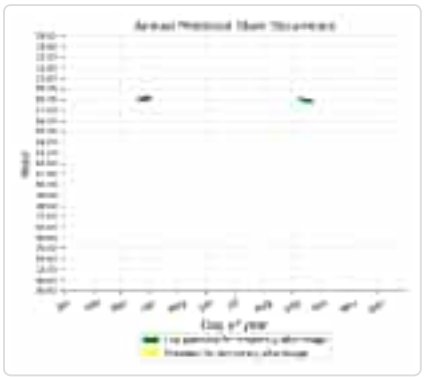


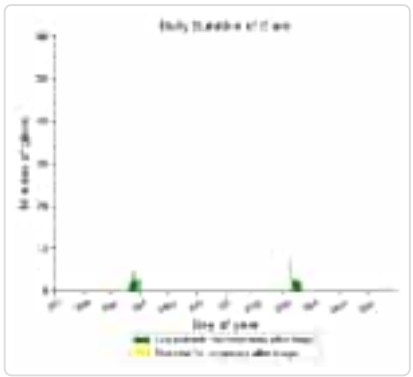


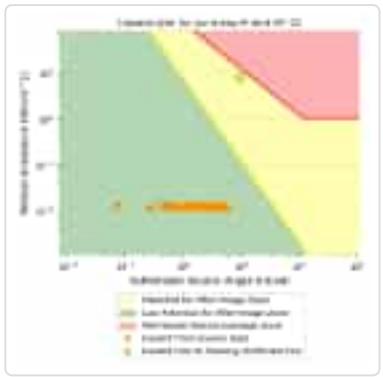
PV array 9: OP 55

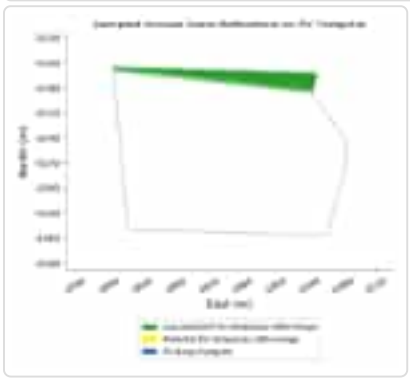
PV array is expected to produce the following glare for this receptor:

- 59 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





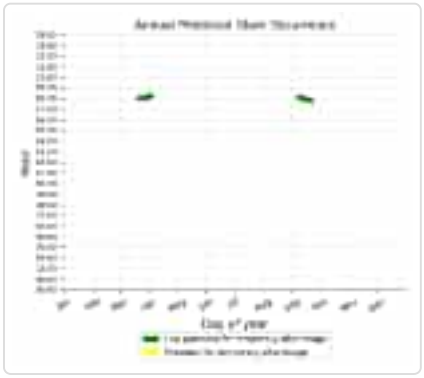


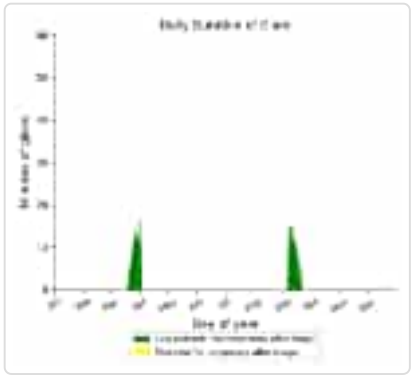


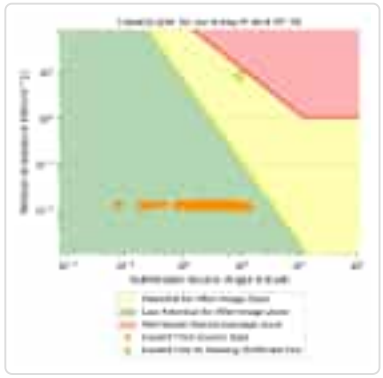
PV array 9: OP 56

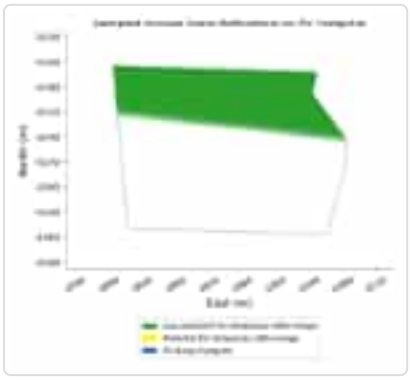
PV array is expected to produce the following glare for this receptor:

- 312 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





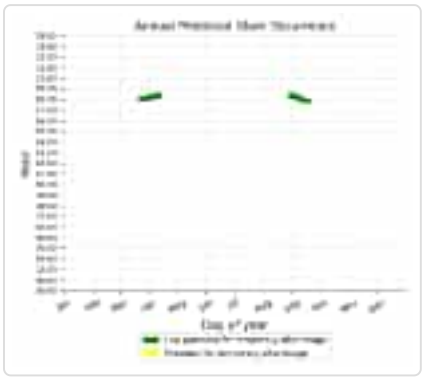


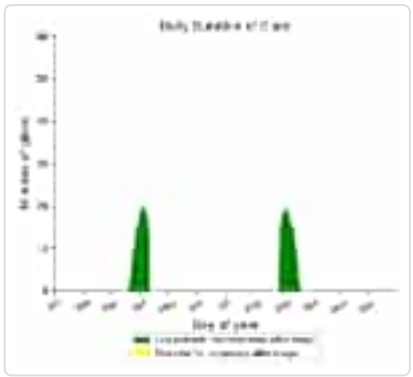


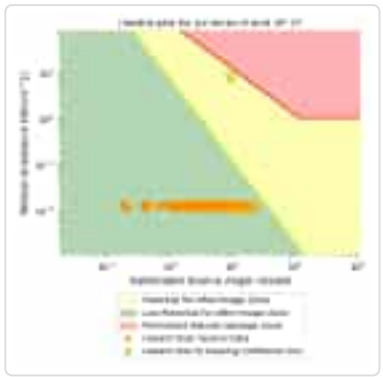
PV array 9: OP 57

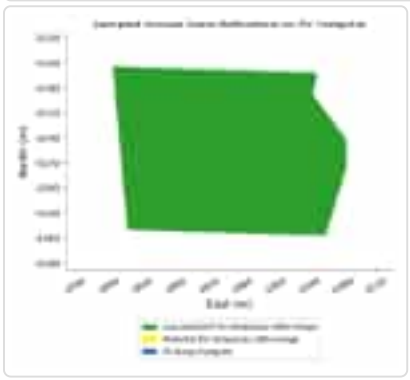
PV array is expected to produce the following glare for this receptor:

- 655 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





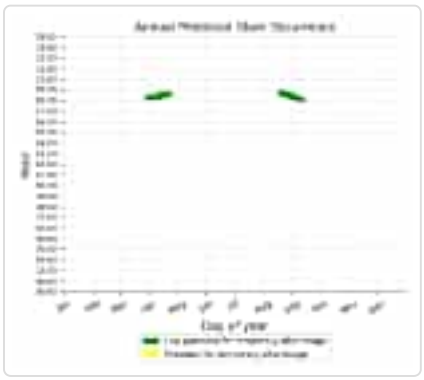


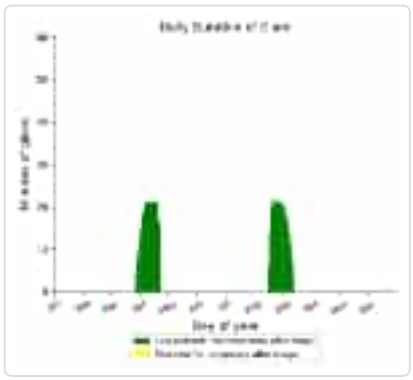


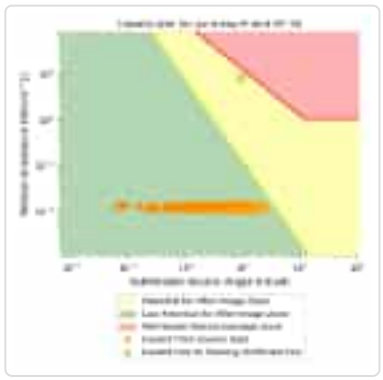
PV array 9: OP 58

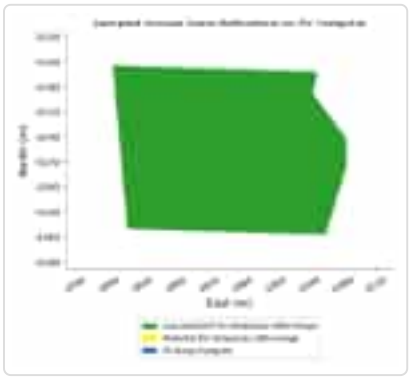
PV array is expected to produce the following glare for this receptor:

- 952 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





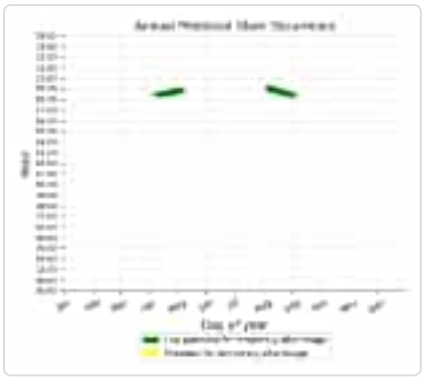


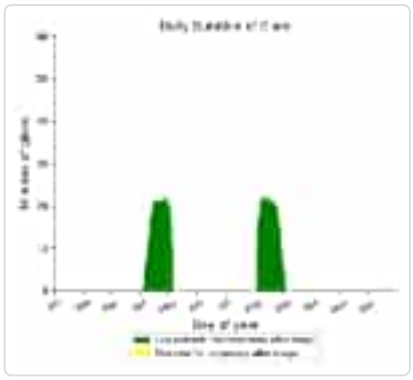


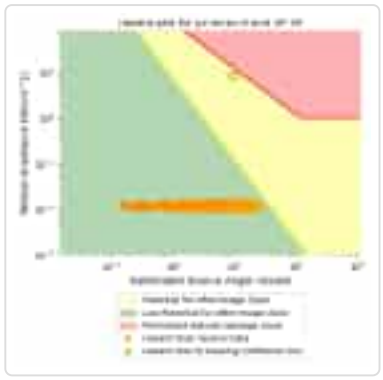
PV array 9: OP 59

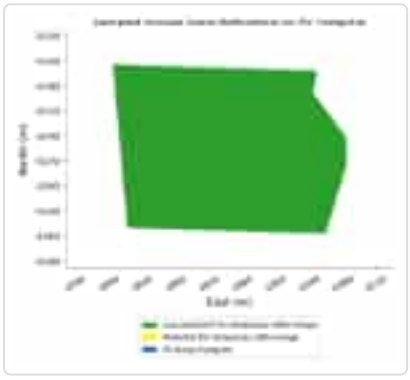
PV array is expected to produce the following glare for this receptor:

- 1,110 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





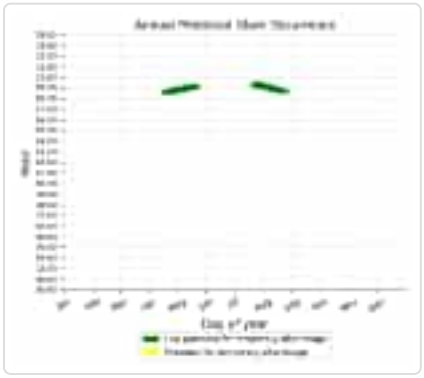


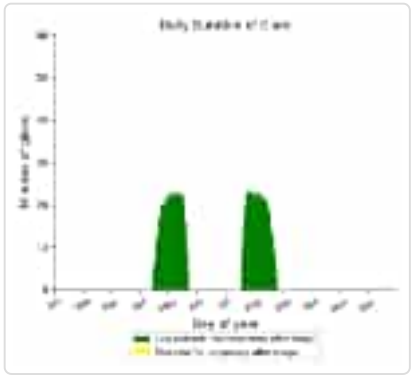


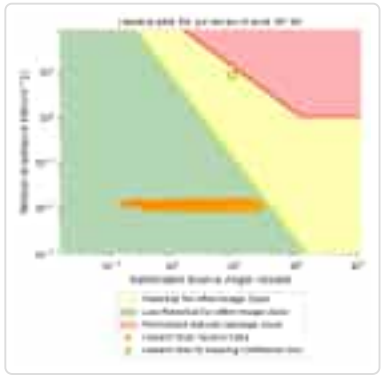
PV array 9: OP 60

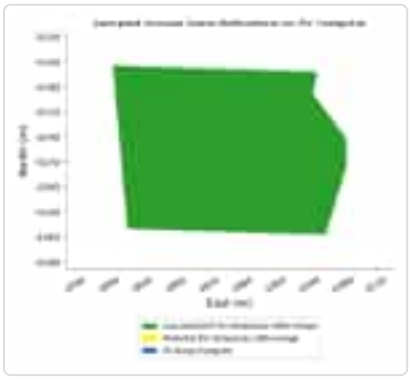
PV array is expected to produce the following glare for this receptor:

- 1,439 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





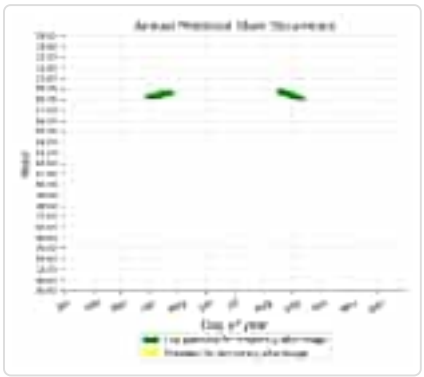


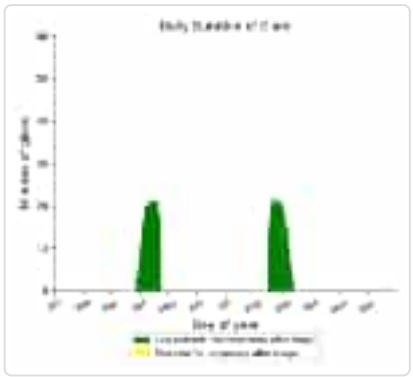


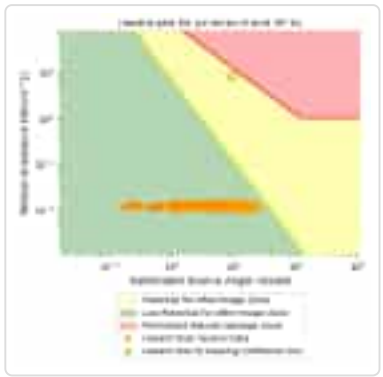
PV array 9: OP 61

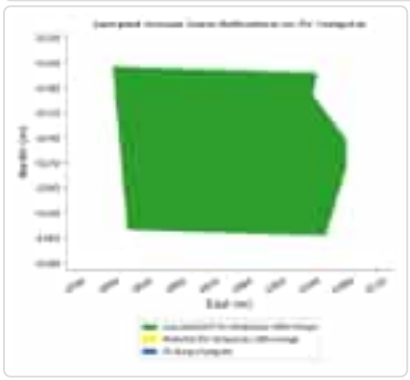
PV array is expected to produce the following glare for this receptor:

- 916 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





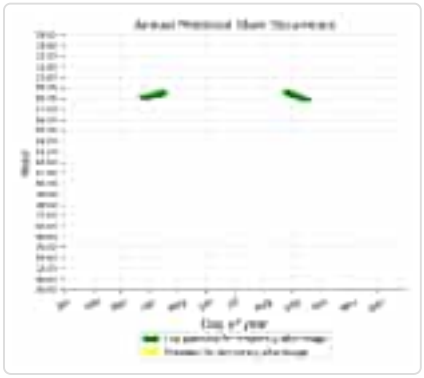


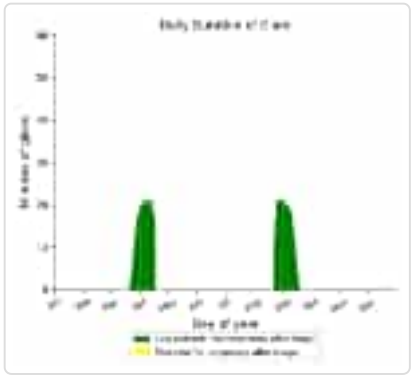


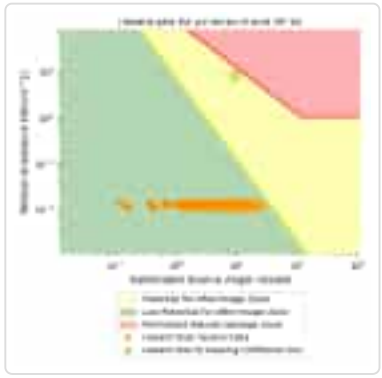
PV array 9: OP 62

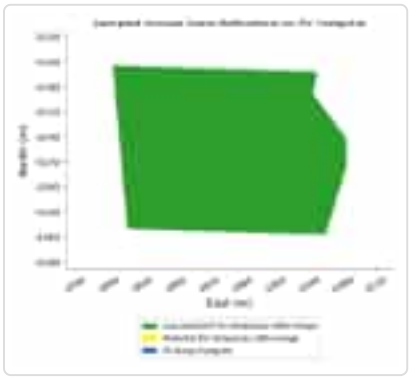
PV array is expected to produce the following glare for this receptor:

- 922 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





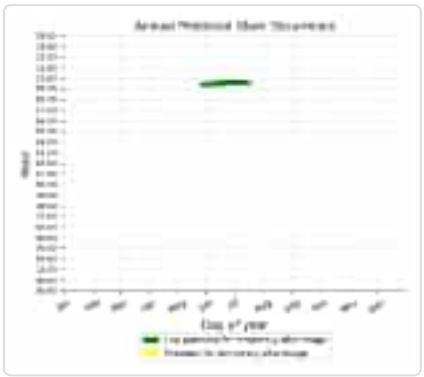


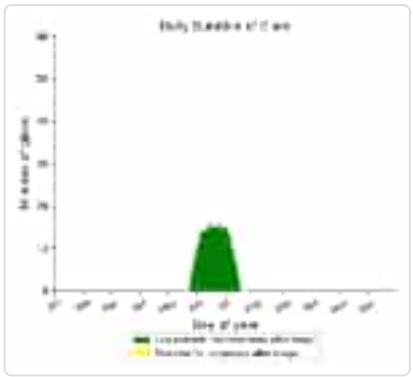


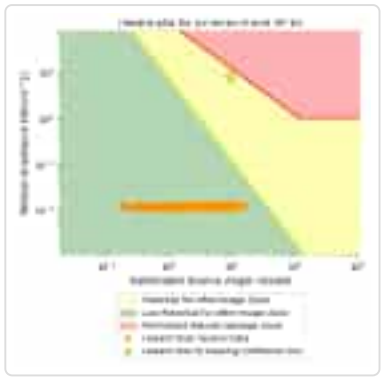
PV array 9: OP 63

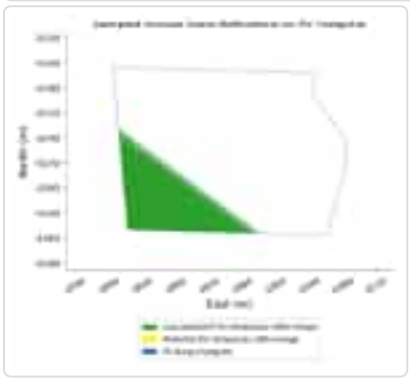
PV array is expected to produce the following glare for this receptor:

- 636 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 64

No glare found

PV array 9: OP 65

No glare found

PV array 9: OP 66

No glare found

PV array 9: OP 67

No glare found

PV array 9: OP 68

No glare found

PV array 9: OP 69

No glare found

PV array 9: OP 70

No glare found

PV array 9: OP 71

No glare found

PV array 9: OP 72

No glare found

PV array 9: OP 73

No glare found

PV array 9: OP 74

No glare found

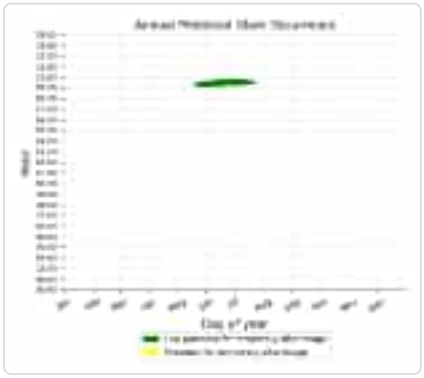
PV array 9: OP 75

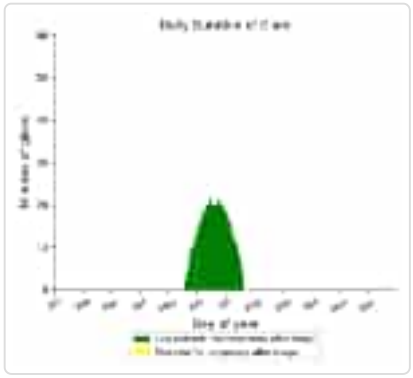
No glare found

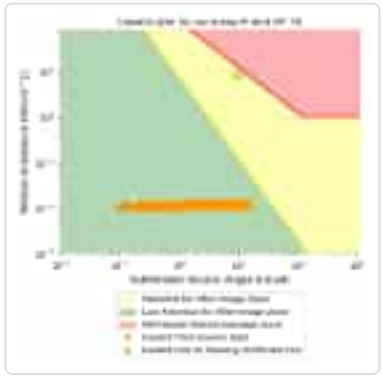
PV array 9: OP 76

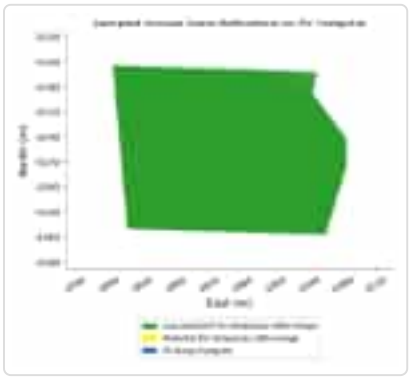
PV array is expected to produce the following glare for this receptor:

- 925 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





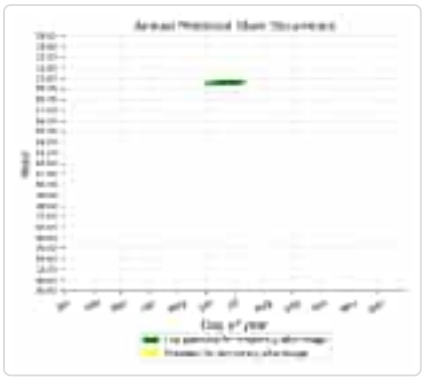


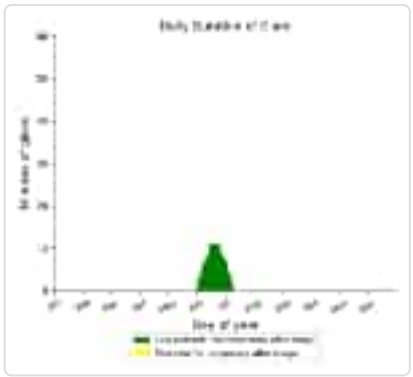


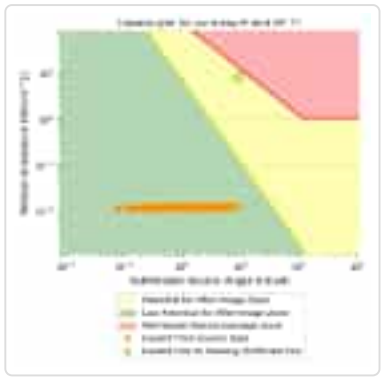
PV array 9: OP 77

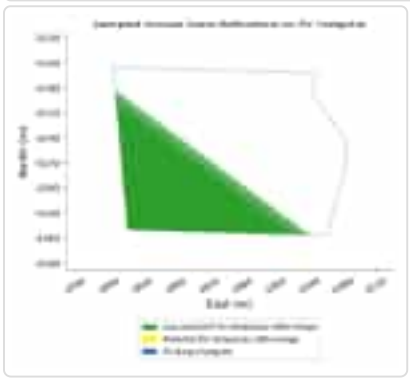
PV array is expected to produce the following glare for this receptor:

- 291 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 78

No glare found

PV array 9: OP 79

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Fosse Green Solar Farm

Fosse Green SF Bridleway 45 Degrees

Created Jan 11, 2024
Updated Sep 25, 2024
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 109531.18719

Project type Advanced
Project status: active
Category 10 MW to 100 MW

Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
PV array 1	45.0	180.0	281,392	52,949	-
PV array 10	45.0	180.0	9,997	2,220	-
PV array 11	45.0	180.0	131,523	24,364	-
PV array 12	45.0	180.0	12,639	0	-
PV array 13	45.0	180.0	136,538	25,694	-
PV array 14	45.0	180.0	19,427	1,115	-
PV array 15	45.0	180.0	16,249	2,363	-
PV array 2	45.0	180.0	331,245	30,044	-
PV array 3	45.0	180.0	59,689	34,680	-
PV array 4	45.0	180.0	37,433	26,948	-
PV array 5	45.0	180.0	60,993	0	-
PV array 6	45.0	180.0	16,909	10	-
PV array 7	45.0	180.0	71,637	865	-
PV array 8	45.0	180.0	8,549	0	-
PV array 9	45.0	180.0	8,027	0	-

Component Data

PV Array(s)

Total PV footprint area: 5,152,272 m^2

Name: PV array 1
Footprint area: 534,233 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.173327	-0.683693	15.22	3.50	18.72
2	53.171796	-0.684143	15.03	3.50	18.53
3	53.171552	-0.683478	15.19	3.50	18.69
4	53.171127	-0.682985	15.98	3.50	19.48
5	53.169712	-0.681805	15.00	3.50	18.50
6	53.168092	-0.681418	16.50	3.50	20.00
7	53.167989	-0.682362	16.00	3.50	19.50
8	53.167616	-0.682427	15.86	3.50	19.36
9	53.166844	-0.682749	16.00	3.50	19.50
10	53.166574	-0.682985	16.00	3.50	19.50
11	53.166123	-0.682920	16.00	3.50	19.50
12	53.166394	-0.680345	17.00	3.50	20.50
13	53.166741	-0.680410	16.40	3.50	19.90
14	53.166831	-0.679530	17.48	3.50	20.98
15	53.167320	-0.679659	17.17	3.50	20.67
16	53.167564	-0.677277	20.64	3.50	24.14
17	53.166522	-0.676741	20.78	3.50	24.28
18	53.164593	-0.675024	20.02	3.50	23.52
19	53.163010	-0.673672	18.14	3.50	21.64
20	53.162869	-0.672857	19.04	3.50	22.54
21	53.163088	-0.672084	19.80	3.50	23.30
22	53.163679	-0.671333	23.18	3.50	26.68
23	53.165403	-0.672857	27.63	3.50	31.13
24	53.165648	-0.671870	30.61	3.50	34.11
25	53.166458	-0.671269	32.00	3.50	35.50
26	53.166857	-0.671569	31.99	3.50	35.49
27	53.167847	-0.667406	24.66	3.50	28.16
28	53.169468	-0.666720	25.10	3.50	28.60
29	53.169031	-0.668608	27.89	3.50	31.39
30	53.169198	-0.670067	30.98	3.50	34.48
31	53.169982	-0.673629	26.94	3.50	30.44
32	53.170246	-0.673758	26.58	3.50	30.08
33	53.171294	-0.673125	28.40	3.50	31.90
34	53.171745	-0.672299	30.82	3.50	34.32
35	53.172105	-0.674048	26.50	3.50	30.00
36	53.171674	-0.675957	22.65	3.50	26.15
37	53.171507	-0.677599	22.08	3.50	25.58
38	53.171629	-0.678414	22.99	3.50	26.49
39	53.171918	-0.678833	24.21	3.50	27.71
40	53.171809	-0.679283	22.62	3.50	26.12
41	53.171449	-0.679391	20.48	3.50	23.98
42	53.170838	-0.677985	18.51	3.50	22.01
43	53.170593	-0.678028	17.96	3.50	21.46
44	53.170606	-0.678200	17.83	3.50	21.33
45	53.171372	-0.679906	19.18	3.50	22.68
46	53.171249	-0.681719	17.42	3.50	20.92
47	53.171378	-0.681955	17.27	3.50	20.77
48	53.171333	-0.682395	16.56	3.50	20.06
49	53.171597	-0.682502	16.79	3.50	20.29
50	53.173384	-0.681622	18.75	3.50	22.25

Name: PV array 10
Footprint area: 185,320 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.150798	-0.633966	8.64	3.50	12.14
2	53.150219	-0.635436	8.34	3.50	11.84
3	53.150026	-0.636744	8.28	3.50	11.78
4	53.148983	-0.636744	9.89	3.50	13.39
5	53.148803	-0.636862	10.13	3.50	13.63
6	53.148829	-0.637045	9.76	3.50	13.26
7	53.147420	-0.637957	10.19	3.50	13.69
8	53.146461	-0.637796	10.65	3.50	14.15
9	53.146126	-0.637302	11.44	3.50	14.94
10	53.145875	-0.635146	9.74	3.50	13.24
11	53.145566	-0.635264	9.14	3.50	12.64
12	53.145451	-0.635843	9.42	3.50	12.92
13	53.145142	-0.635951	9.94	3.50	13.44
14	53.144987	-0.634910	11.54	3.50	15.04
15	53.144637	-0.634278	12.00	3.50	15.50
16	53.143968	-0.633344	12.41	3.50	15.91
17	53.144200	-0.633280	11.84	3.50	15.34
18	53.144953	-0.632754	9.97	3.50	13.47
19	53.145828	-0.631949	10.31	3.50	13.81
20	53.146497	-0.631509	11.15	3.50	14.65
21	53.147668	-0.633848	12.51	3.50	16.01
22	53.148395	-0.633344	12.81	3.50	16.31
23	53.148254	-0.632947	13.08	3.50	16.58
24	53.148910	-0.632035	13.05	3.50	16.55
25	53.149148	-0.632604	13.03	3.50	16.53
26	53.149631	-0.631853	12.49	3.50	15.99

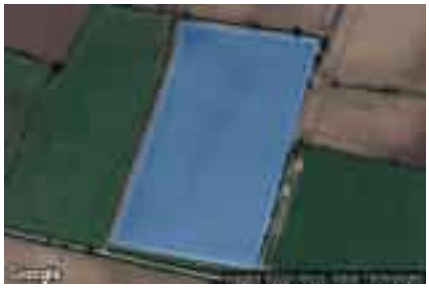
Name: PV array 11
Footprint area: 719,118 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.148506	-0.631749	13.14	3.50	16.64
2	53.147850	-0.632704	12.97	3.50	16.47
3	53.147683	-0.632715	12.37	3.50	15.87
4	53.146640	-0.630945	11.20	3.50	14.70
5	53.146396	-0.630848	12.22	3.50	15.72
6	53.145637	-0.631266	12.28	3.50	15.78
7	53.144343	-0.632565	11.04	3.50	14.54
8	53.142046	-0.627951	13.11	3.50	16.61
9	53.141524	-0.626084	12.34	3.50	15.84
10	53.138596	-0.627329	13.83	3.50	17.33
11	53.138454	-0.627232	13.48	3.50	16.98
12	53.137051	-0.628370	12.96	3.50	16.46
13	53.137154	-0.629056	13.21	3.50	16.71
14	53.135919	-0.628649	14.19	3.50	17.69
15	53.135771	-0.627640	12.78	3.50	16.28
16	53.134593	-0.628456	13.03	3.50	16.53
17	53.134464	-0.624700	12.77	3.50	16.27
18	53.134618	-0.624700	12.76	3.50	16.26
19	53.134631	-0.624990	12.76	3.50	16.26
20	53.135655	-0.624947	12.58	3.50	16.08
21	53.135758	-0.626331	11.86	3.50	15.36
22	53.136112	-0.626567	11.92	3.50	15.42
23	53.136549	-0.625162	10.74	3.50	14.24
24	53.136717	-0.625055	10.13	3.50	13.63
25	53.136652	-0.624636	10.38	3.50	13.88
26	53.137450	-0.624089	10.03	3.50	13.53
27	53.135830	-0.616790	7.11	3.50	10.61
28	53.136200	-0.615960	6.99	3.50	10.49
29	53.137240	-0.614930	7.15	3.50	10.65
30	53.137620	-0.615100	7.24	3.50	10.74
31	53.137860	-0.615550	7.38	3.50	10.88
32	53.137990	-0.614790	7.14	3.50	10.64
33	53.139105	-0.617426	7.93	3.50	11.43
34	53.139800	-0.619754	11.05	3.50	14.55
35	53.141717	-0.618682	9.38	3.50	12.88
36	53.142129	-0.620227	11.21	3.50	14.71
37	53.142007	-0.620323	10.80	3.50	14.30
38	53.142541	-0.622211	11.19	3.50	14.69
39	53.144034	-0.620784	11.76	3.50	15.26
40	53.144607	-0.623563	11.92	3.50	15.42
41	53.145591	-0.624582	12.63	3.50	16.13
42	53.145044	-0.625248	12.90	3.50	16.40
43	53.145077	-0.625666	12.28	3.50	15.78
44	53.146634	-0.628348	11.72	3.50	15.22
45	53.146808	-0.628220	12.16	3.50	15.66
46	53.148268	-0.630762	12.11	3.50	15.61
47	53.148101	-0.631030	11.92	3.50	15.42

Name: PV array 12
Footprint area: 73,115 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.136228	-0.613414	8.07	3.50	11.57
2	53.135854	-0.613478	8.46	3.50	11.96
3	53.133222	-0.614980	9.82	3.50	13.32
4	53.132887	-0.611772	10.64	3.50	14.14
5	53.135977	-0.610335	9.13	3.50	12.63

Name: PV array 13
Footprint area: 737,153 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.135585	-0.658160	11.48	3.50	14.98
2	53.136461	-0.665906	14.75	3.50	18.25
3	53.130642	-0.667945	14.56	3.50	18.06
4	53.130333	-0.666357	13.81	3.50	17.31
5	53.128440	-0.666872	14.86	3.50	18.36
6	53.128582	-0.668717	14.77	3.50	18.27
7	53.128273	-0.668782	14.57	3.50	18.07
8	53.128131	-0.667301	14.49	3.50	17.99
9	53.125730	-0.667666	13.07	3.50	16.57
10	53.125710	-0.667945	12.94	3.50	16.44
11	53.124455	-0.667505	13.19	3.50	16.69
12	53.124558	-0.666711	12.70	3.50	16.20
13	53.123380	-0.665788	11.31	3.50	14.81
14	53.123457	-0.665370	11.00	3.50	14.50
15	53.123122	-0.665220	12.04	3.50	15.54
16	53.123476	-0.663514	13.15	3.50	16.65
17	53.124365	-0.661776	13.29	3.50	16.79
18	53.124571	-0.660832	13.96	3.50	17.46
19	53.125067	-0.660220	13.10	3.50	16.60
20	53.126410	-0.656650	11.66	3.50	15.16
21	53.126650	-0.656260	11.38	3.50	14.88
22	53.126960	-0.656270	11.65	3.50	15.15
23	53.127180	-0.656070	12.25	3.50	15.75
24	53.127600	-0.659050	12.08	3.50	15.58
25	53.128790	-0.658920	13.52	3.50	17.02
26	53.129280	-0.661440	14.94	3.50	18.44
27	53.131090	-0.659840	14.90	3.50	18.40
28	53.131520	-0.659500	14.40	3.50	17.90
29	53.132320	-0.658860	12.70	3.50	16.20
30	53.133270	-0.657930	12.71	3.50	16.21
31	53.133345	-0.658664	11.01	3.50	14.51

Name: PV array 14
Footprint area: 209,712 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132660	-0.653180	10.42	3.50	13.92
2	53.132070	-0.653360	10.23	3.50	13.73
3	53.131511	-0.653075	11.28	3.50	14.78
4	53.130770	-0.652409	10.38	3.50	13.88
5	53.130352	-0.650049	9.94	3.50	13.44
6	53.130095	-0.649556	9.85	3.50	13.35
7	53.130275	-0.649255	10.71	3.50	14.21
8	53.132390	-0.648020	11.64	3.50	15.14
9	53.133030	-0.650850	12.02	3.50	15.52
10	53.133030	-0.650850	12.02	3.50	15.52
11	53.136270	-0.648960	10.09	3.50	13.59
12	53.136270	-0.648960	10.09	3.50	13.59
13	53.136080	-0.645870	9.77	3.50	13.27
14	53.136080	-0.645870	9.77	3.50	13.27
15	53.137430	-0.645210	9.73	3.50	13.23
16	53.137430	-0.645210	9.73	3.50	13.23
17	53.137750	-0.648600	9.23	3.50	12.73
18	53.137750	-0.648600	9.23	3.50	12.73
19	53.137580	-0.648830	9.22	3.50	12.72
20	53.137580	-0.648830	9.22	3.50	12.72
21	53.138060	-0.652120	9.08	3.50	12.58
22	53.138060	-0.652120	9.08	3.50	12.58
23	53.137820	-0.652230	9.58	3.50	13.08
24	53.137820	-0.652230	9.58	3.50	13.08
25	53.137750	-0.652040	9.56	3.50	13.06
26	53.137750	-0.652040	9.56	3.50	13.06
27	53.135890	-0.651840	9.88	3.50	13.38
28	53.135890	-0.651840	9.88	3.50	13.38

Name: PV array 15
Footprint area: 78,226 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132772	-0.647378	9.94	3.50	13.44
2	53.130056	-0.648847	10.80	3.50	14.30
3	53.129882	-0.649255	9.89	3.50	13.39
4	53.129303	-0.648847	10.80	3.50	14.30
5	53.128942	-0.648858	10.87	3.50	14.37
6	53.128884	-0.648418	11.51	3.50	15.01
7	53.128311	-0.648386	11.43	3.50	14.93
8	53.128105	-0.646884	11.40	3.50	14.90
9	53.130622	-0.645758	10.83	3.50	14.33
10	53.130700	-0.646122	11.65	3.50	15.15
11	53.131298	-0.645768	10.18	3.50	13.68
12	53.132410	-0.645330	9.00	3.50	12.50

Name: PV array 2
Footprint area: 575,691 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.178640	-0.666110	19.50	3.50	23.00
2	53.177870	-0.669090	19.28	3.50	22.78
3	53.176523	-0.668029	19.69	3.50	23.19
4	53.174220	-0.666891	26.06	3.50	29.56
5	53.174465	-0.660669	17.80	3.50	21.30
6	53.172497	-0.660755	16.16	3.50	19.66
7	53.172510	-0.661355	17.14	3.50	20.64
8	53.172960	-0.661484	17.29	3.50	20.79
9	53.173230	-0.666677	24.28	3.50	27.78
10	53.172175	-0.666226	20.97	3.50	24.47
11	53.171823	-0.664919	19.69	3.50	23.19
12	53.171714	-0.664865	19.72	3.50	23.22
13	53.170968	-0.662526	18.08	3.50	21.58
14	53.170357	-0.661797	17.29	3.50	20.79
15	53.174293	-0.653523	13.69	3.50	17.19
16	53.178283	-0.655459	15.69	3.50	19.19
17	53.179363	-0.655588	13.41	3.50	16.91
18	53.178051	-0.662519	19.70	3.50	23.20
19	53.177884	-0.665737	19.63	3.50	23.13

Name: PV array 3
Footprint area: 679,840 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.162240	-0.675330	17.88	3.50	21.38
2	53.159340	-0.671810	16.96	3.50	20.46
3	53.159790	-0.670480	16.50	3.50	20.00
4	53.160860	-0.668250	17.83	3.50	21.33
5	53.160420	-0.666810	17.26	3.50	20.76
6	53.159450	-0.669110	15.52	3.50	19.02
7	53.159860	-0.669750	15.96	3.50	19.46
8	53.159140	-0.671710	16.90	3.50	20.40
9	53.158240	-0.670650	16.68	3.50	20.18
10	53.158390	-0.670070	16.02	3.50	19.52
11	53.157840	-0.668790	15.77	3.50	19.27
12	53.159770	-0.664130	19.42	3.50	22.92
13	53.159920	-0.664410	18.34	3.50	21.84
14	53.160980	-0.661830	24.57	3.50	28.07
15	53.161160	-0.662010	24.26	3.50	27.76
16	53.161290	-0.661640	25.79	3.50	29.29
17	53.161160	-0.661450	26.00	3.50	29.50
18	53.162190	-0.659350	26.37	3.50	29.87
19	53.162080	-0.658850	26.32	3.50	29.82
20	53.162650	-0.657690	27.46	3.50	30.96
21	53.165690	-0.658340	22.77	3.50	26.27
22	53.165920	-0.658980	21.27	3.50	24.77
23	53.166210	-0.659430	20.99	3.50	24.49
24	53.165960	-0.661020	21.23	3.50	24.73
25	53.167980	-0.662370	18.26	3.50	21.76
26	53.167650	-0.663320	18.23	3.50	21.73
27	53.167500	-0.667240	23.91	3.50	27.41
28	53.164620	-0.668620	26.56	3.50	30.06
29	53.164820	-0.669520	27.49	3.50	30.99
30	53.163160	-0.671190	20.73	3.50	24.23
31	53.162730	-0.672050	18.84	3.50	22.34
32	53.162570	-0.673160	18.39	3.50	21.89
33	53.162750	-0.673700	17.85	3.50	21.35
34	53.162650	-0.674340	17.02	3.50	20.52

Name: PV array 4
Footprint area: 539,010 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.172585	-0.642585	14.81	3.50	18.31
2	53.173512	-0.648335	13.73	3.50	17.23
3	53.168740	-0.657433	17.19	3.50	20.69
4	53.168530	-0.657412	16.94	3.50	20.44
5	53.168310	-0.657830	18.09	3.50	21.59
6	53.168300	-0.658730	18.04	3.50	21.54
7	53.168070	-0.658890	17.95	3.50	21.45
8	53.165850	-0.657637	21.97	3.50	25.47
9	53.165850	-0.657637	21.97	3.50	25.47
10	53.165650	-0.657980	23.24	3.50	26.74
11	53.165650	-0.657980	23.24	3.50	26.74
12	53.162740	-0.657270	27.18	3.50	30.68
13	53.162740	-0.657270	27.18	3.50	30.68
14	53.164580	-0.653290	23.23	3.50	26.73
15	53.164580	-0.653290	23.23	3.50	26.73
16	53.166200	-0.654060	18.29	3.50	21.79
17	53.166200	-0.654060	18.29	3.50	21.79
18	53.166850	-0.655520	18.20	3.50	21.70
19	53.166850	-0.655520	18.20	3.50	21.70
20	53.167520	-0.655510	17.58	3.50	21.08
21	53.167980	-0.655110	18.44	3.50	21.94
22	53.169113	-0.651554	16.06	3.50	19.56
23	53.169113	-0.651060	15.41	3.50	18.91
24	53.168032	-0.650867	15.63	3.50	19.13
25	53.167955	-0.651597	16.07	3.50	19.57
26	53.167337	-0.651232	15.83	3.50	19.33
27	53.166077	-0.651103	19.26	3.50	22.76
28	53.166115	-0.650481	18.68	3.50	22.18
29	53.165961	-0.650181	19.78	3.50	23.28
30	53.168251	-0.644537	17.16	3.50	20.66
31	53.168920	-0.644687	16.30	3.50	19.80
32	53.170129	-0.644408	16.57	3.50	20.07
33	53.171132	-0.643754	15.25	3.50	18.75
34	53.171151	-0.643400	15.23	3.50	18.73
35	53.172000	-0.642681	14.97	3.50	18.47

Name: PV array 5
Footprint area: 85,119 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.175987	-0.638261	17.17	3.50	20.67
2	53.175962	-0.637317	17.32	3.50	20.82
3	53.175704	-0.636180	15.99	3.50	19.49
4	53.172039	-0.635257	10.34	3.50	13.84
5	53.170855	-0.638197	11.33	3.50	14.83
6	53.174251	-0.638304	12.30	3.50	15.80

Name: PV array 6
Footprint area: 178,317 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.167678	-0.644140	17.52	3.50	21.02
2	53.165556	-0.649011	19.39	3.50	22.89
3	53.164810	-0.644784	20.41	3.50	23.91
4	53.165350	-0.641716	16.27	3.50	19.77
5	53.163562	-0.640986	20.48	3.50	23.98
6	53.161902	-0.640643	22.38	3.50	25.88
7	53.159226	-0.640385	15.78	3.50	19.28
8	53.159329	-0.638197	13.14	3.50	16.64
9	53.162726	-0.638883	20.72	3.50	24.22
10	53.164115	-0.639205	17.21	3.50	20.71
11	53.165183	-0.639763	14.44	3.50	17.94
12	53.165800	-0.640707	14.81	3.50	18.31
13	53.166366	-0.642209	16.10	3.50	19.60
14	53.166971	-0.643282	16.63	3.50	20.13

Name: PV array 7
Footprint area: 492,432 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.164655	-0.651071	23.57	3.50	27.07
2	53.164218	-0.652101	24.34	3.50	27.84
3	53.163588	-0.652015	24.43	3.50	27.93
4	53.163575	-0.652466	24.10	3.50	27.60
5	53.163883	-0.652809	24.86	3.50	28.36
6	53.162790	-0.655406	26.04	3.50	29.54
7	53.162404	-0.655148	26.50	3.50	30.00
8	53.162082	-0.655835	27.39	3.50	30.89
9	53.162263	-0.656543	27.11	3.50	30.61
10	53.161516	-0.658324	26.25	3.50	29.75
11	53.158776	-0.654054	22.55	3.50	26.05
12	53.156879	-0.652104	18.45	3.50	21.95
13	53.156840	-0.650806	17.85	3.50	21.35
14	53.156634	-0.650474	16.75	3.50	20.25
15	53.155412	-0.650935	12.99	3.50	16.49
16	53.155245	-0.650441	12.47	3.50	15.97
17	53.154428	-0.650484	11.62	3.50	15.12
18	53.152317	-0.650581	10.82	3.50	14.32
19	53.151545	-0.650656	11.68	3.50	15.18
20	53.151481	-0.651761	11.49	3.50	14.99
21	53.151159	-0.651729	12.56	3.50	16.06
22	53.151178	-0.650924	12.32	3.50	15.82
23	53.150863	-0.650624	12.97	3.50	16.47
24	53.149042	-0.650581	13.39	3.50	16.89
25	53.149113	-0.652083	14.82	3.50	18.32
26	53.147459	-0.652115	10.92	3.50	14.42
27	53.147762	-0.654604	14.65	3.50	18.15
28	53.146730	-0.654770	11.29	3.50	14.79
29	53.146710	-0.654450	10.79	3.50	14.29
30	53.146660	-0.653930	9.99	3.50	13.49
31	53.146560	-0.653210	9.32	3.50	12.82
32	53.146500	-0.652650	9.65	3.50	13.15
33	53.146620	-0.652540	9.69	3.50	13.19
34	53.146670	-0.652330	9.64	3.50	13.14
35	53.146500	-0.650990	8.94	3.50	12.44
36	53.146830	-0.651060	9.07	3.50	12.57
37	53.147220	-0.650840	9.43	3.50	12.93
38	53.147530	-0.650195	9.95	3.50	13.45
39	53.148058	-0.647824	10.34	3.50	13.84
40	53.149293	-0.647502	11.75	3.50	15.25
41	53.149364	-0.647008	11.40	3.50	14.90
42	53.149004	-0.645163	9.84	3.50	13.34
43	53.149068	-0.644702	10.07	3.50	13.57
44	53.149589	-0.644659	10.09	3.50	13.59
45	53.150246	-0.645152	10.47	3.50	13.97
46	53.150709	-0.646118	10.77	3.50	14.27
47	53.150861	-0.646854	11.55	3.50	15.05
48	53.152186	-0.646683	10.55	3.50	14.05
49	53.152302	-0.648378	10.85	3.50	14.35
50	53.152559	-0.648356	11.03	3.50	14.53
51	53.152650	-0.647820	11.33	3.50	14.83
52	53.152843	-0.647562	10.51	3.50	14.01
53	53.152984	-0.648185	10.54	3.50	14.04
54	53.153396	-0.648850	10.72	3.50	14.22
55	53.153821	-0.649000	11.70	3.50	15.20
56	53.153821	-0.647176	11.57	3.50	15.07
57	53.157030	-0.647114	18.62	3.50	22.12
58	53.157911	-0.650923	21.21	3.50	24.71
59	53.159526	-0.650773	24.30	3.50	27.80
60	53.159841	-0.651545	25.93	3.50	29.43
61	53.160478	-0.652318	28.32	3.50	31.82
62	53.160542	-0.654142	27.00	3.50	30.50
63	53.161668	-0.654152	28.25	3.50	31.75
64	53.162003	-0.653691	27.32	3.50	30.82

65	53.161359	-0.652489	27.84	3.50	31.34
66	53.161314	-0.650848	28.23	3.50	31.73

Name: PV array 8
Footprint area: 15,661 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.149067	-0.644094	9.24	3.50	12.74
2	53.149505	-0.644029	9.82	3.50	13.32
3	53.149878	-0.644094	9.57	3.50	13.07
4	53.150888	-0.643353	9.27	3.50	12.77
5	53.150521	-0.642002	8.25	3.50	11.75
6	53.149871	-0.642806	8.50	3.50	12.00
7	53.149472	-0.642796	8.80	3.50	12.30
8	53.149215	-0.643192	8.74	3.50	12.24
9	53.149022	-0.644072	9.17	3.50	12.67

Name: PV array 9
Footprint area: 49,327 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.144980	-0.656700	12.95	3.50	16.45
2	53.143230	-0.656440	10.07	3.50	13.57
3	53.143170	-0.652900	8.94	3.50	12.44
4	53.143890	-0.652530	9.13	3.50	12.63
5	53.144200	-0.652530	9.20	3.50	12.70
6	53.144680	-0.653130	9.45	3.50	12.95
7	53.144910	-0.653050	9.39	3.50	12.89

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	53.174691	-0.681164	19.47	2.50	21.97
OP 2	53.173263	-0.681067	20.53	2.50	23.03
OP 3	53.171263	-0.681807	17.30	2.50	19.80
OP 4	53.169572	-0.680593	15.20	2.50	17.70
OP 5	53.167950	-0.679636	16.67	2.50	19.17
OP 6	53.166156	-0.679041	18.00	2.50	20.50
OP 7	53.180590	-0.666757	17.96	2.50	20.46
OP 8	53.178879	-0.666059	19.12	2.50	21.62
OP 9	53.178114	-0.664160	19.78	2.50	22.28
OP 10	53.178468	-0.661360	17.80	2.50	20.30
OP 11	53.178995	-0.658581	15.45	2.50	17.95
OP 12	53.179387	-0.652895	16.42	2.50	18.92
OP 13	53.179220	-0.649880	24.75	2.50	27.25
OP 14	53.177426	-0.662250	20.91	2.50	23.41
OP 15	53.175857	-0.661145	20.11	2.50	22.61
OP 16	53.174121	-0.660963	17.93	2.50	20.43
OP 17	53.178841	-0.646125	26.74	2.50	29.24
OP 18	53.177368	-0.647262	21.28	2.50	23.78
OP 19	53.176172	-0.649301	15.57	2.50	18.07
OP 20	53.176500	-0.645621	19.88	2.50	22.38
OP 21	53.175773	-0.643314	17.20	2.50	19.70
OP 22	53.161103	-0.683225	17.01	2.50	19.51
OP 23	53.161952	-0.680704	16.00	2.50	18.50
OP 24	53.162846	-1.000000	59.95	2.50	62.45
OP 25	53.162222	-0.675672	17.91	2.50	20.41
OP 26	53.162718	-0.672904	18.82	2.50	21.32
OP 27	53.163792	-0.670791	24.02	2.50	26.52
OP 28	53.165091	-0.670179	29.61	2.50	32.11
OP 29	53.166255	-0.671198	31.95	2.50	34.45
OP 30	53.167870	-0.670801	30.91	2.50	33.41
OP 31	53.169214	-0.669224	31.87	2.50	34.37
OP 32	53.169632	-0.666585	27.20	2.50	29.70
OP 33	53.169600	-0.664364	20.35	2.50	22.85
OP 34	53.168577	-0.662615	17.82	2.50	20.32
OP 35	53.166873	-0.661489	19.46	2.50	21.96
OP 36	53.166255	-0.659364	21.24	2.50	23.74
OP 37	53.165149	-0.658013	24.27	2.50	26.77
OP 38	53.163367	-0.657626	26.64	2.50	29.14
OP 39	53.157407	-0.657637	23.83	2.50	26.33
OP 40	53.155914	-0.656768	16.99	2.50	19.49
OP 41	53.151147	-0.664246	15.67	2.50	18.17
OP 42	53.151037	-0.661747	15.77	2.50	18.27
OP 43	53.151922	-0.662455	18.27	2.50	20.77
OP 44	53.152054	-0.659671	18.29	2.50	20.79
OP 45	53.153431	-0.639377	9.33	2.50	11.83
OP 46	53.152762	-0.636630	7.88	2.50	10.38
OP 47	53.153379	-0.634077	6.94	2.50	9.44
OP 48	53.150330	-0.632704	11.92	2.50	14.42
OP 49	53.151565	-0.635150	8.37	2.50	10.87
OP 50	53.152839	-0.635450	7.78	2.50	10.28
OP 51	53.153309	-0.632521	7.82	2.50	10.32
OP 52	53.153708	-0.629732	7.40	2.50	9.90
OP 53	53.146231	-0.618627	14.15	2.50	16.65
OP 54	53.144551	-0.619196	12.88	2.50	15.38
OP 55	53.144365	-0.621524	11.43	2.50	13.93
OP 56	53.144088	-0.623831	13.41	2.50	15.91
OP 57	53.142692	-0.625258	12.97	2.50	15.47
OP 58	53.141276	-0.626663	12.92	2.50	15.42
OP 59	53.139667	-0.627168	13.80	2.50	16.30
OP 60	53.138341	-0.628552	13.67	2.50	16.17
OP 61	53.141329	-0.628208	12.56	2.50	15.06
OP 62	53.142520	-0.631416	12.90	2.50	15.40
OP 63	53.136393	-0.638808	13.77	2.50	16.27

OP 64	53.135382	-0.640213	11.97	2.50	14.47
OP 65	53.128842	-0.656875	14.25	2.50	16.75
OP 66	53.129608	-0.659836	15.32	2.50	17.82
OP 67	53.130426	-0.661617	14.56	2.50	17.06
OP 68	53.130831	-0.664203	13.38	2.50	15.88
OP 69	53.131198	-0.667196	14.41	2.50	16.91
OP 70	53.128366	-0.649515	10.80	2.50	13.30
OP 71	53.127947	-0.646554	10.36	2.50	12.86
OP 72	53.127481	-0.643941	13.05	2.50	15.55
OP 73	53.128986	-0.633620	14.00	2.50	16.50
OP 74	53.128745	-0.630760	14.22	2.50	16.72
OP 75	53.128935	-0.628185	13.76	2.50	16.26
OP 76	53.126907	-0.612216	11.49	2.50	13.99
OP 77	53.125265	-0.613042	11.55	2.50	14.05
OP 78	53.120527	-0.650704	15.76	2.50	18.26
OP 79	53.119355	-0.648741	16.48	2.50	18.98

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
PV array 1	45.0	180.0	281,392	52,949	-	-
PV array 10	45.0	180.0	9,997	2,220	-	-
PV array 11	45.0	180.0	131,523	24,364	-	-
PV array 12	45.0	180.0	12,639	0	-	-
PV array 13	45.0	180.0	136,538	25,694	-	-
PV array 14	45.0	180.0	19,427	1,115	-	-
PV array 15	45.0	180.0	16,249	2,363	-	-
PV array 2	45.0	180.0	331,245	30,044	-	-
PV array 3	45.0	180.0	59,689	34,680	-	-
PV array 4	45.0	180.0	37,433	26,948	-	-
PV array 5	45.0	180.0	60,993	0	-	-
PV array 6	45.0	180.0	16,909	10	-	-
PV array 7	45.0	180.0	71,637	865	-	-
PV array 8	45.0	180.0	8,549	0	-	-
PV array 9	45.0	180.0	8,027	0	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
pv-array-1 (green)	5033	9120	16450	18596	19412	18536	19346	19220	17496	11575	5798	3610
pv-array-1 (yellow)	0	0	1179	2228	3109	3628	3384	2566	1632	57	0	0
pv-array-10 (green)	0	0	245	686	1324	1627	1497	855	446	0	0	0
pv-array-10 (yellow)	0	0	334	639	54	0	0	490	532	0	0	0
pv-array-11 (green)	0	1157	4940	7239	10400	11704	11162	8361	5375	2471	0	0
pv-array-11 (yellow)	0	0	1468	1459	331	0	120	1156	1888	130	0	0
pv-array-12 (green)	0	0	214	552	609	607	620	577	369	0	0	0
pv-array-12 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-13 (green)	0	1568	5739	7976	11121	12614	11897	9122	6219	3079	11	0
pv-array-13 (yellow)	0	0	1471	1205	139	0	54	762	1888	89	0	0
pv-array-14 (green)	0	0	398	1008	1241	1277	1281	1114	678	0	0	0
pv-array-14 (yellow)	0	0	5	63	1	0	0	30	29	0	0	0
pv-array-15 (green)	0	0	468	1321	1952	2228	2025	1547	844	0	0	0
pv-array-15 (yellow)	0	0	5	354	550	282	551	437	66	0	0	0
pv-array-2 (green)	3364	7416	13207	18789	19231	17793	18864	19773	14666	9562	4168	1957
pv-array-2 (yellow)	0	0	1332	843	2	0	3	308	1768	95	0	0
pv-array-3 (green)	0	0	518	1350	2121	2550	2335	1672	740	32	0	0
pv-array-3 (yellow)	0	0	279	1368	1525	1547	1614	1404	624	0	0	0
pv-array-4 (green)	0	0	204	493	405	1177	636	495	316	0	0	0
pv-array-4 (yellow)	0	0	67	992	1922	1996	2050	1313	250	0	0	0
pv-array-5 (green)	0	0	305	876	981	1023	1012	924	549	0	0	0
pv-array-5 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-6 (green)	0	0	282	981	1022	752	937	1057	557	0	0	0
pv-array-6 (yellow)	0	0	0	5	0	0	0	5	0	0	0	0
pv-array-7 (green)	0	0	554	1546	1972	2026	2042	1714	979	0	0	0
pv-array-7 (yellow)	0	0	7	47	4	0	0	42	13	0	0	0
pv-array-8 (green)	0	0	242	602	695	695	704	646	402	0	0	0
pv-array-8 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-9 (green)	0	0	238	585	463	643	467	617	400	0	0	0
pv-array-9 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

PV array 1 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	1566	937
OP: OP 3	11618	3458
OP: OP 4	2490	16704
OP: OP 5	7685	4598
OP: OP 6	5701	2915
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	3013	0
OP: OP 23	3258	0
OP: OP 24	513	0
OP: OP 25	2178	0
OP: OP 26	345	0
OP: OP 27	3066	1406
OP: OP 28	4079	1365
OP: OP 29	35903	3564
OP: OP 30	158499	7513
OP: OP 31	3978	1398
OP: OP 32	2637	895
OP: OP 33	2359	917
OP: OP 34	3745	1332
OP: OP 35	2545	2197
OP: OP 36	2398	1859
OP: OP 37	2348	1457
OP: OP 38	3078	434
OP: OP 39	392	0
OP: OP 40	20	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	1748	0
OP: OP 46	1785	0
OP: OP 47	2155	0
OP: OP 48	1264	0
OP: OP 49	1520	0
OP: OP 50	1908	0
OP: OP 51	2218	0
OP: OP 52	2447	0
OP: OP 53	1357	0
OP: OP 54	844	0
OP: OP 55	565	0
OP: OP 56	167	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0

OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

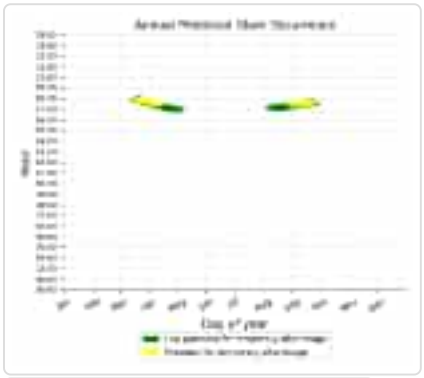
PV array 1: OP 1

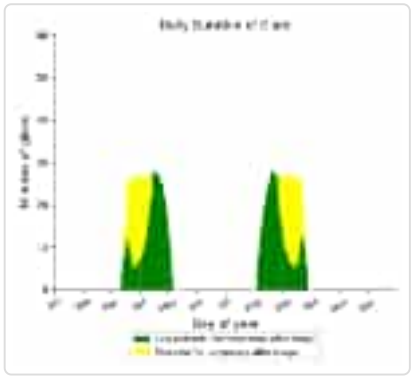
No glare found

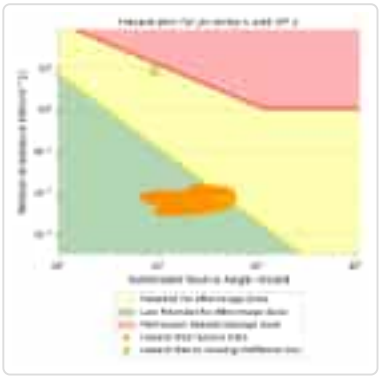
PV array 1: OP 2

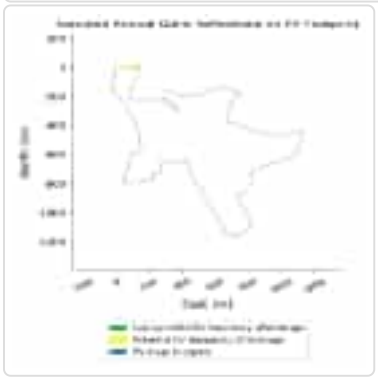
PV array is expected to produce the following glare for this receptor:

- 1,566 minutes of "green" glare with low potential to cause temporary after-image.
- 937 minutes of "yellow" glare with potential to cause temporary after-image.





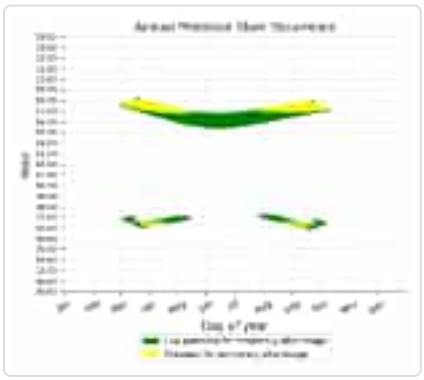


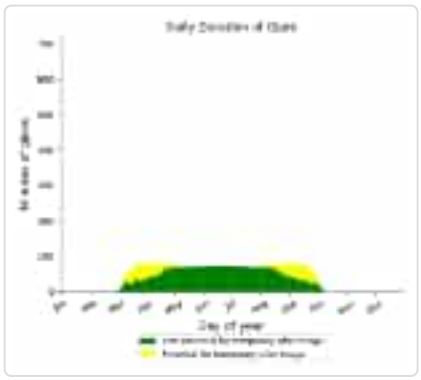


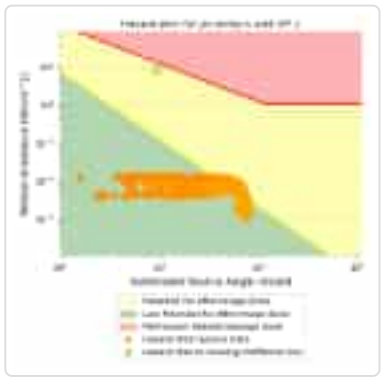
PV array 1: OP 3

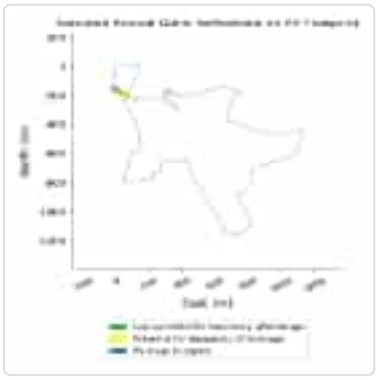
PV array is expected to produce the following glare for this receptor:

- 11,618 minutes of "green" glare with low potential to cause temporary after-image.
- 3,458 minutes of "yellow" glare with potential to cause temporary after-image.





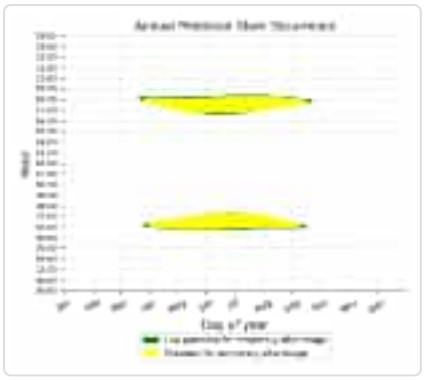


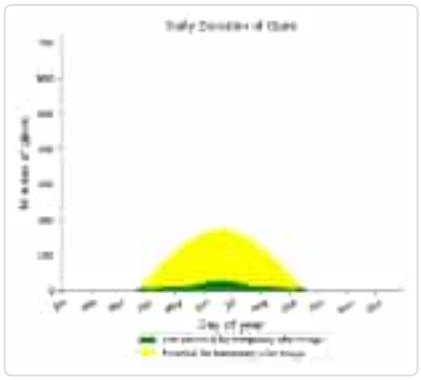


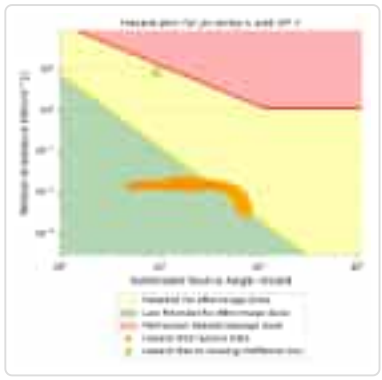
PV array 1: OP 4

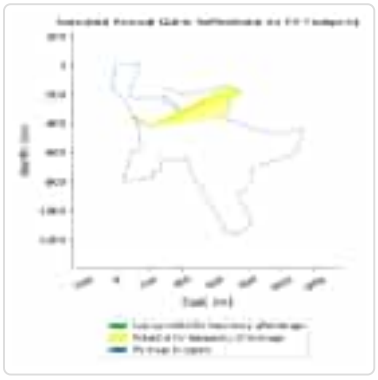
PV array is expected to produce the following glare for this receptor:

- 2,490 minutes of "green" glare with low potential to cause temporary after-image.
- 16,704 minutes of "yellow" glare with potential to cause temporary after-image.





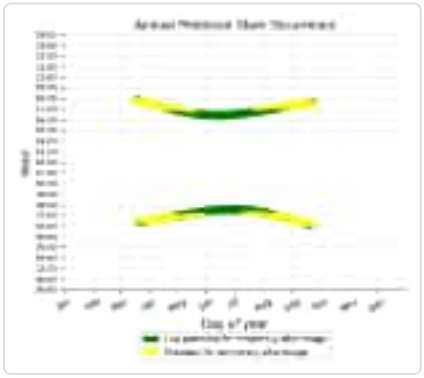


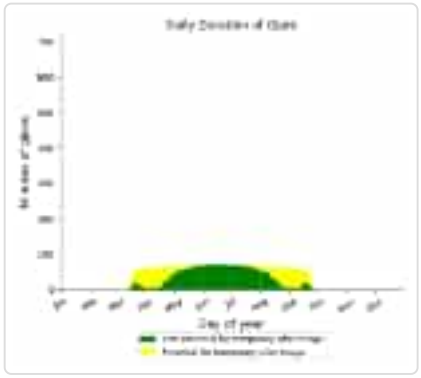


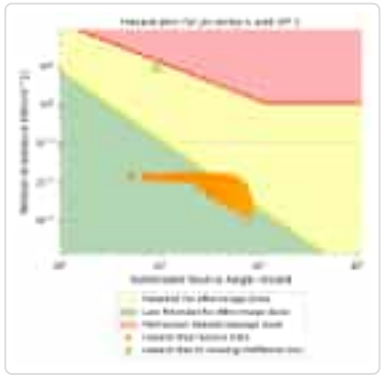
PV array 1: OP 5

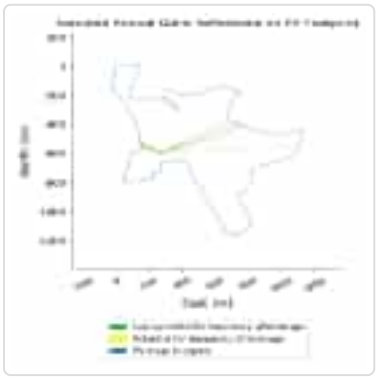
PV array is expected to produce the following glare for this receptor:

- 7,685 minutes of "green" glare with low potential to cause temporary after-image.
- 4,598 minutes of "yellow" glare with potential to cause temporary after-image.





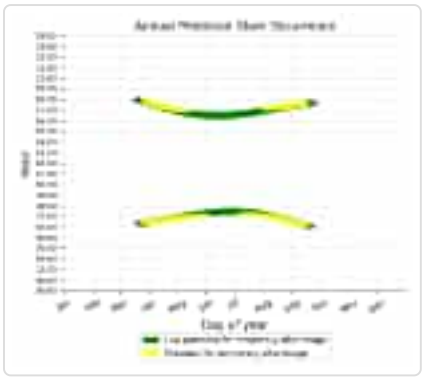


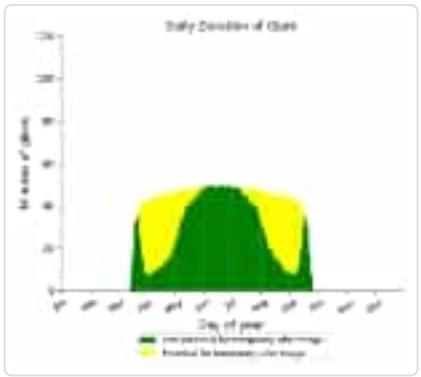


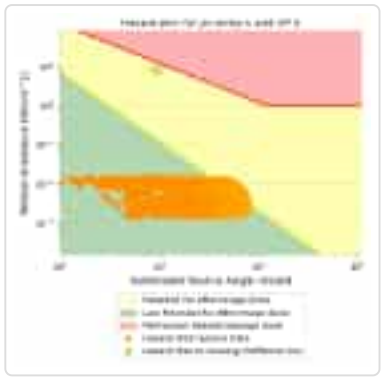
PV array 1: OP 6

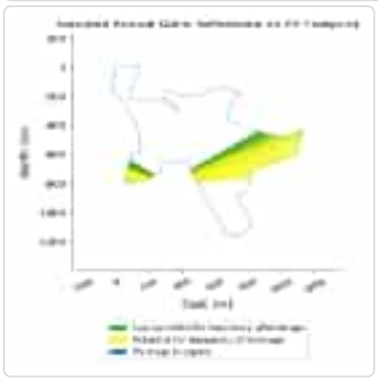
PV array is expected to produce the following glare for this receptor:

- 5,701 minutes of "green" glare with low potential to cause temporary after-image.
- 2,915 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 7

No glare found

PV array 1: OP 8

No glare found

PV array 1: OP 9

No glare found

PV array 1: OP 10

No glare found

PV array 1: OP 11

No glare found

PV array 1: OP 12

No glare found

PV array 1: OP 13

No glare found

PV array 1: OP 14

No glare found

PV array 1: OP 15

No glare found

PV array 1: OP 16

No glare found

PV array 1: OP 17

No glare found

PV array 1: OP 18

No glare found

PV array 1: OP 19

No glare found

PV array 1: OP 20

No glare found

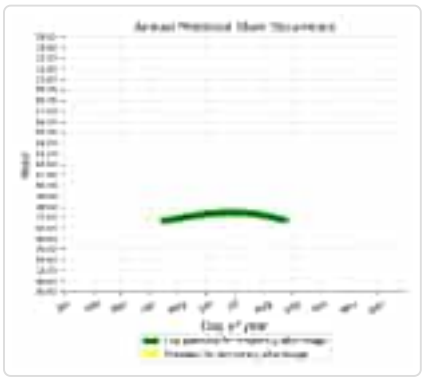
PV array 1: OP 21

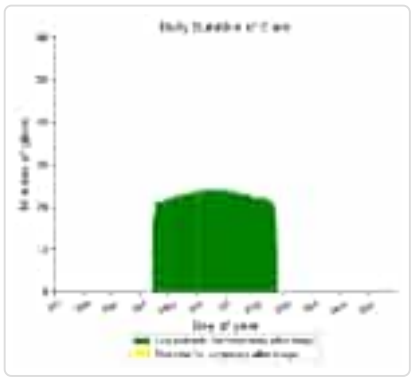
No glare found

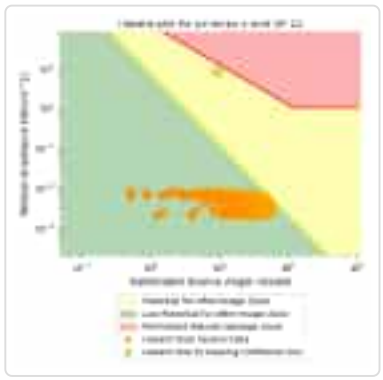
PV array 1: OP 22

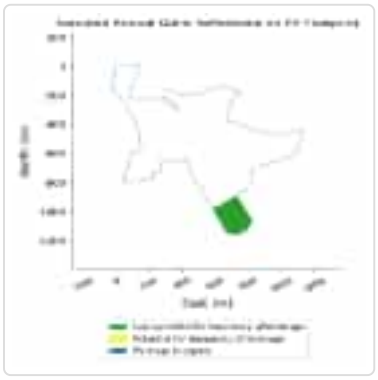
PV array is expected to produce the following glare for this receptor:

- 3,013 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





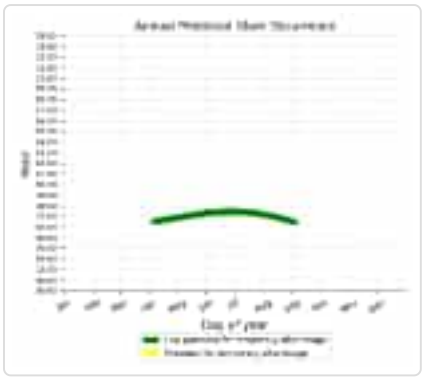


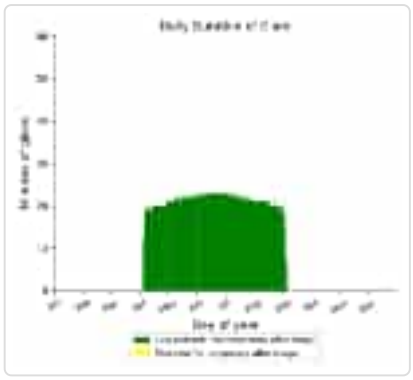


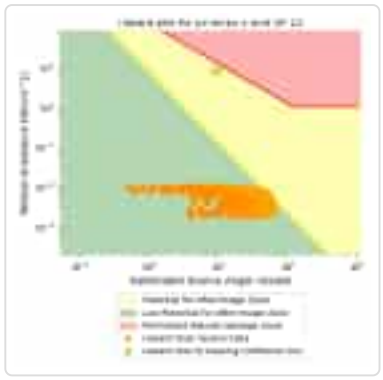
PV array 1: OP 23

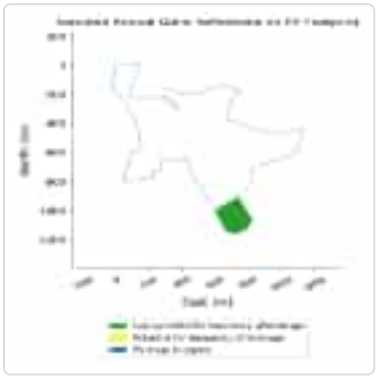
PV array is expected to produce the following glare for this receptor:

- 3,258 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





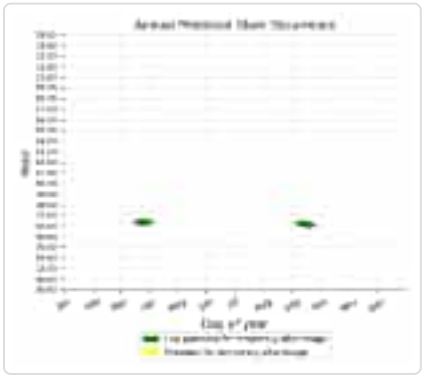


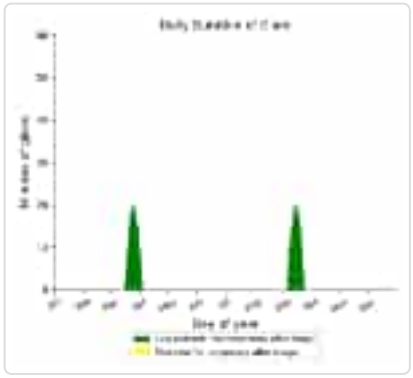


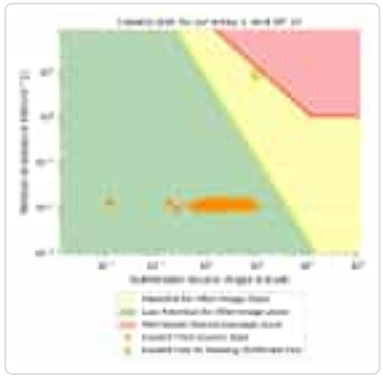
PV array 1: OP 24

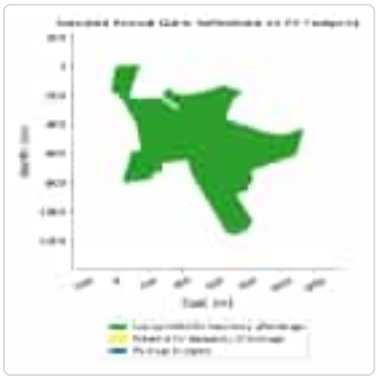
PV array is expected to produce the following glare for this receptor:

- 513 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





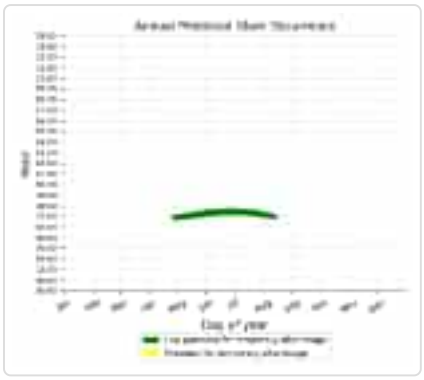


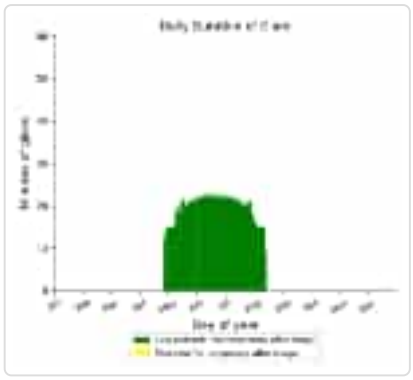


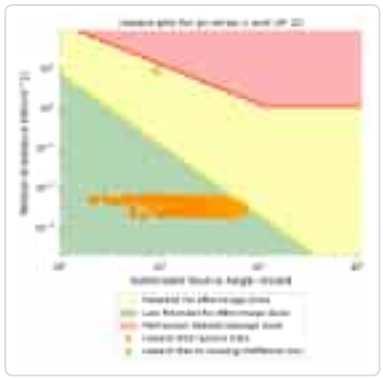
PV array 1: OP 25

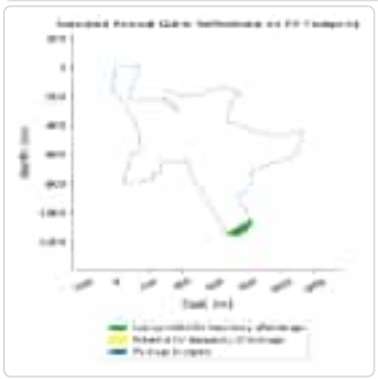
PV array is expected to produce the following glare for this receptor:

- 2,178 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





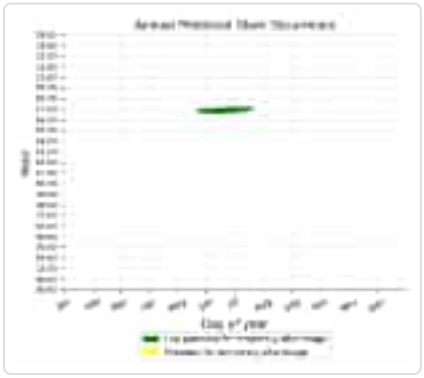


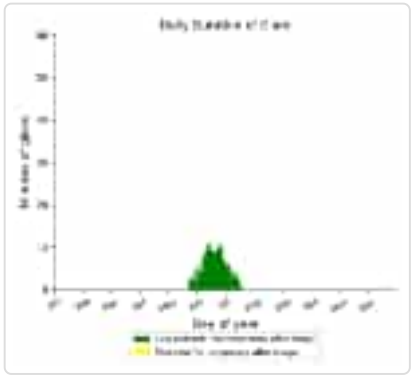


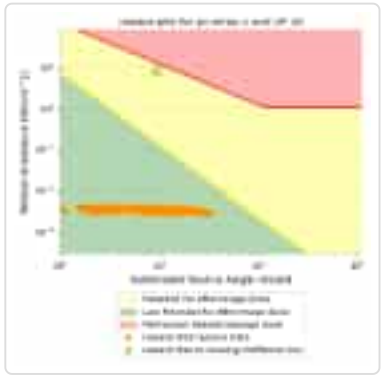
PV array 1: OP 26

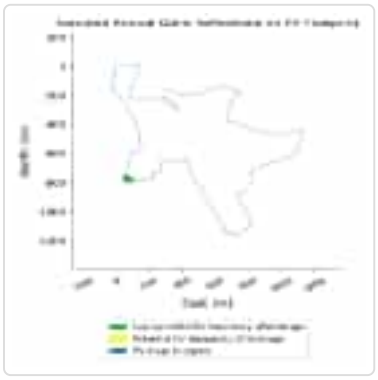
PV array is expected to produce the following glare for this receptor:

- 345 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





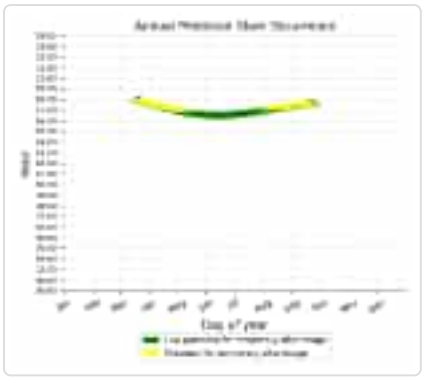


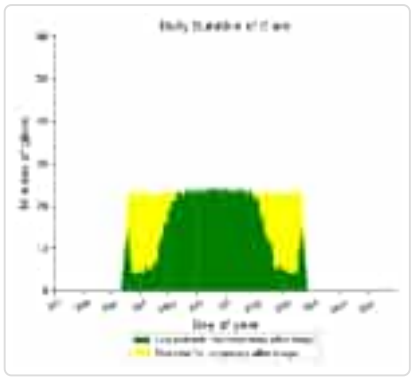


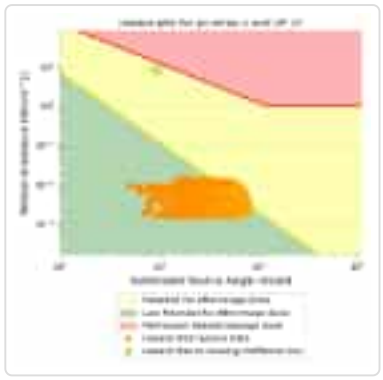
PV array 1: OP 27

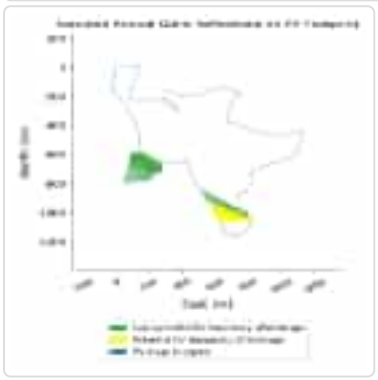
PV array is expected to produce the following glare for this receptor:

- 3,066 minutes of "green" glare with low potential to cause temporary after-image.
- 1,406 minutes of "yellow" glare with potential to cause temporary after-image.





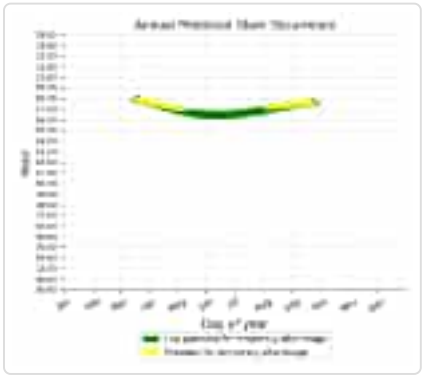


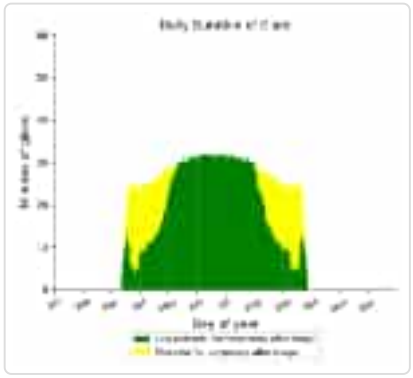


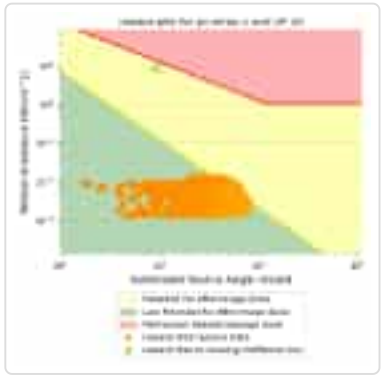
PV array 1: OP 28

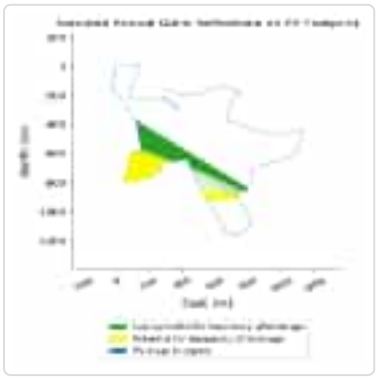
PV array is expected to produce the following glare for this receptor:

- 4,079 minutes of "green" glare with low potential to cause temporary after-image.
- 1,365 minutes of "yellow" glare with potential to cause temporary after-image.





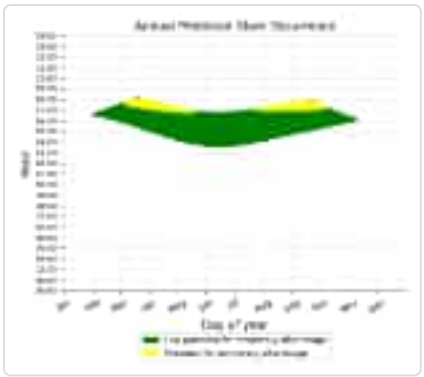


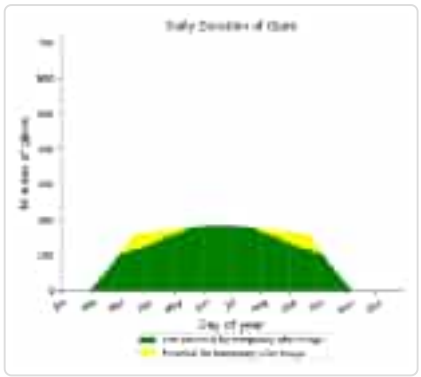


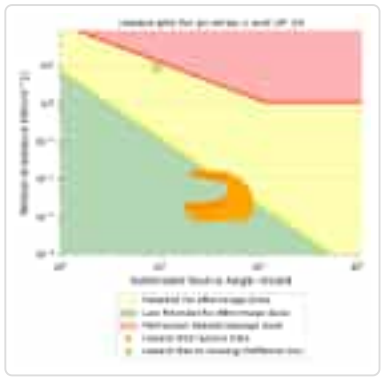
PV array 1: OP 29

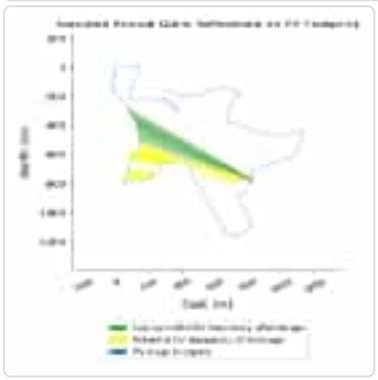
PV array is expected to produce the following glare for this receptor:

- 35,903 minutes of "green" glare with low potential to cause temporary after-image.
- 3,564 minutes of "yellow" glare with potential to cause temporary after-image.





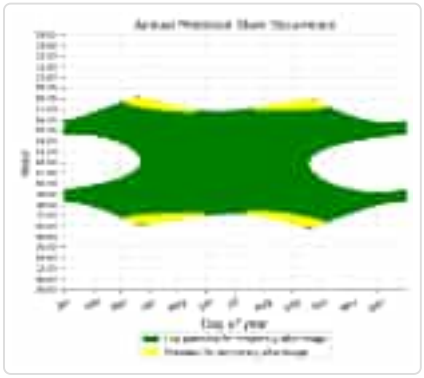


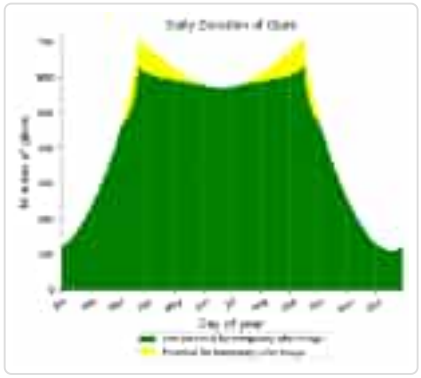


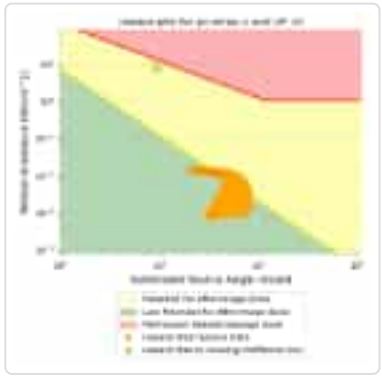
PV array 1: OP 30

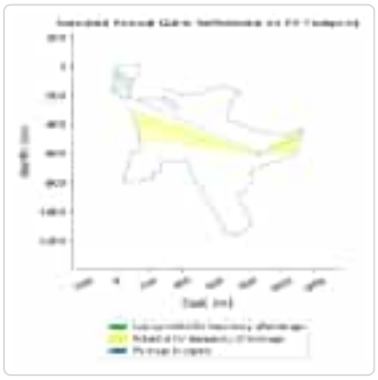
PV array is expected to produce the following glare for this receptor:

- 158,499 minutes of "green" glare with low potential to cause temporary after-image.
- 7,513 minutes of "yellow" glare with potential to cause temporary after-image.





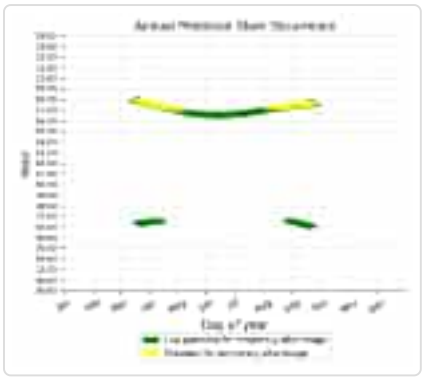


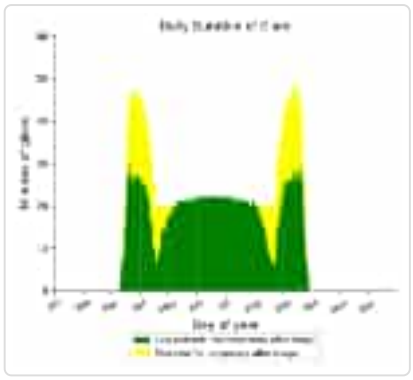


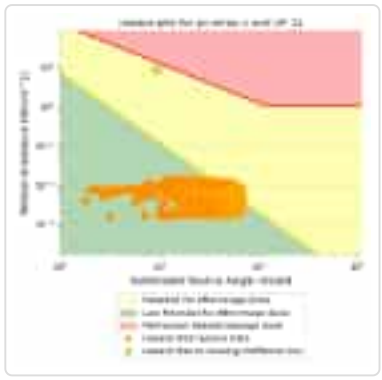
PV array 1: OP 31

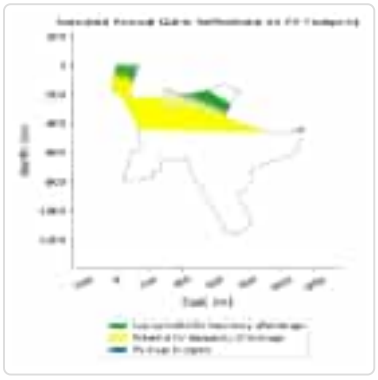
PV array is expected to produce the following glare for this receptor:

- 3,978 minutes of "green" glare with low potential to cause temporary after-image.
- 1,398 minutes of "yellow" glare with potential to cause temporary after-image.





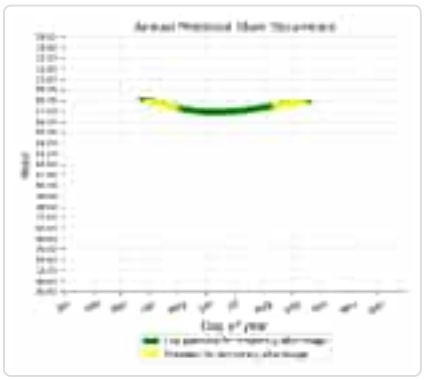


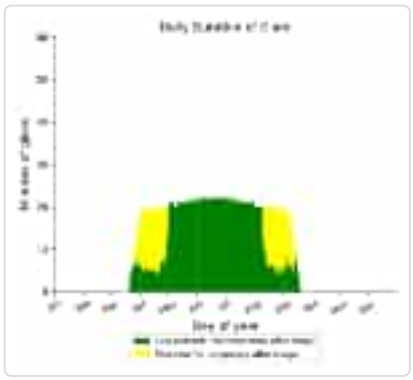


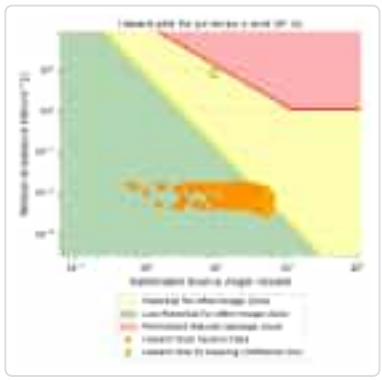
PV array 1: OP 32

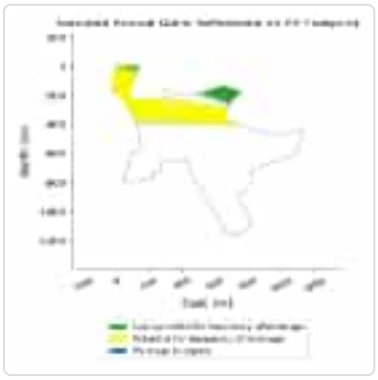
PV array is expected to produce the following glare for this receptor:

- 2,637 minutes of "green" glare with low potential to cause temporary after-image.
- 895 minutes of "yellow" glare with potential to cause temporary after-image.





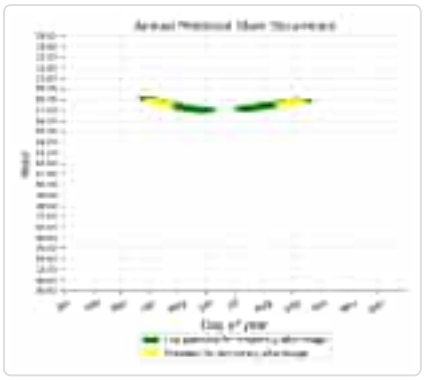


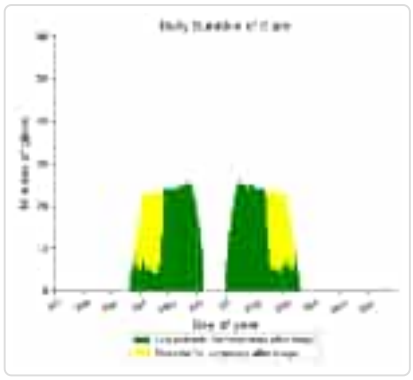


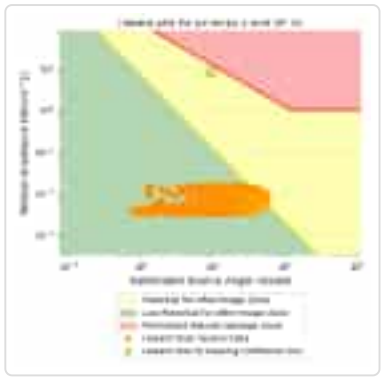
PV array 1: OP 33

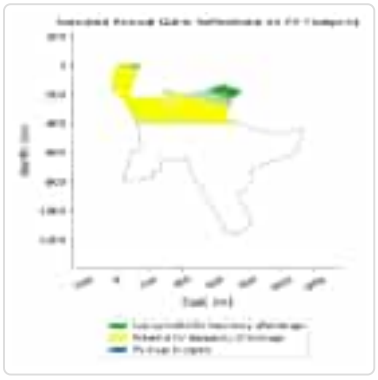
PV array is expected to produce the following glare for this receptor:

- 2,359 minutes of "green" glare with low potential to cause temporary after-image.
- 917 minutes of "yellow" glare with potential to cause temporary after-image.





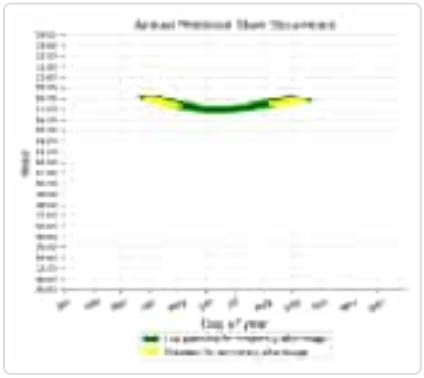


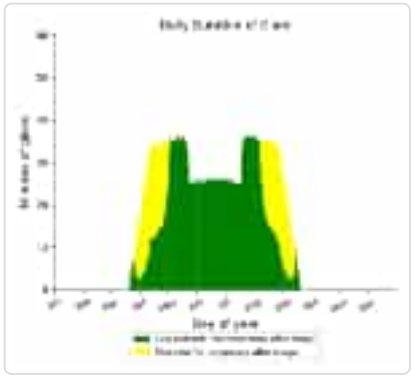


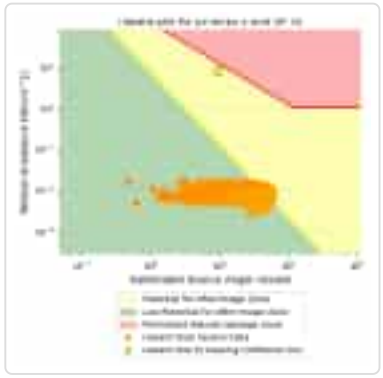
PV array 1: OP 34

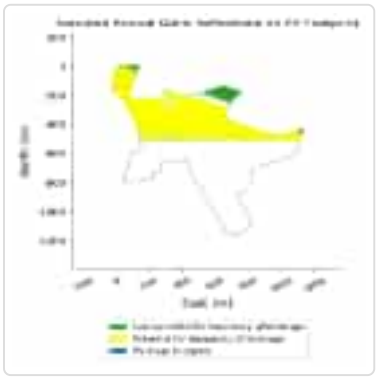
PV array is expected to produce the following glare for this receptor:

- 3,745 minutes of "green" glare with low potential to cause temporary after-image.
- 1,332 minutes of "yellow" glare with potential to cause temporary after-image.





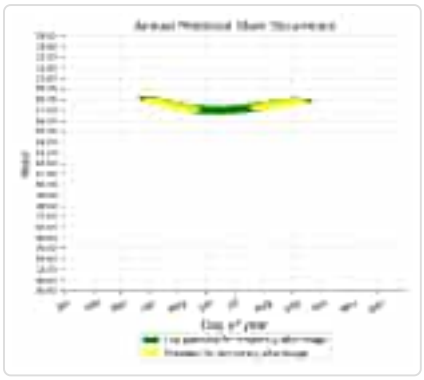


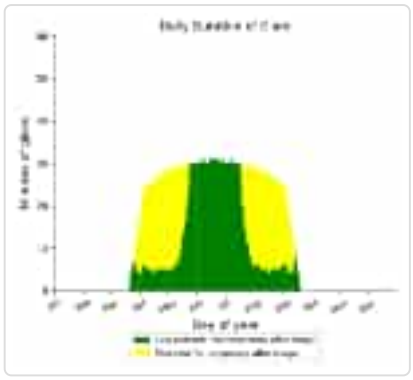


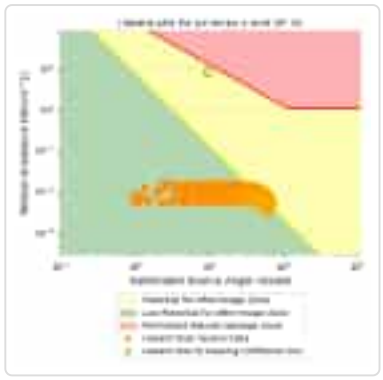
PV array 1: OP 35

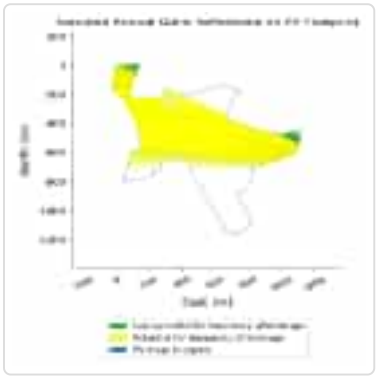
PV array is expected to produce the following glare for this receptor:

- 2,545 minutes of "green" glare with low potential to cause temporary after-image.
- 2,197 minutes of "yellow" glare with potential to cause temporary after-image.





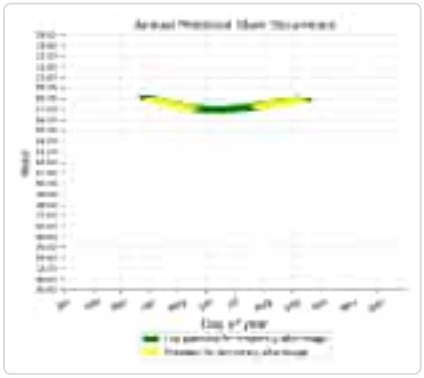


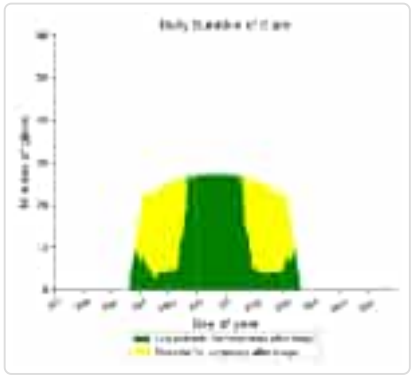


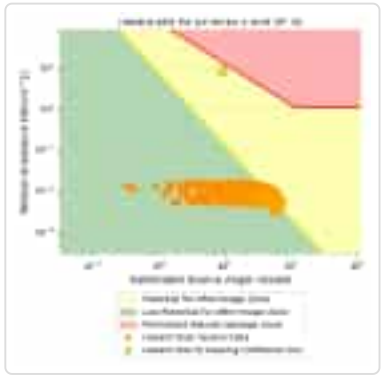
PV array 1: OP 36

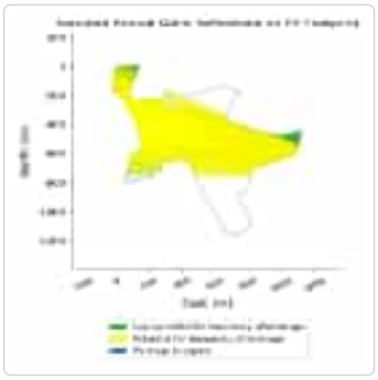
PV array is expected to produce the following glare for this receptor:

- 2,398 minutes of "green" glare with low potential to cause temporary after-image.
- 1,859 minutes of "yellow" glare with potential to cause temporary after-image.





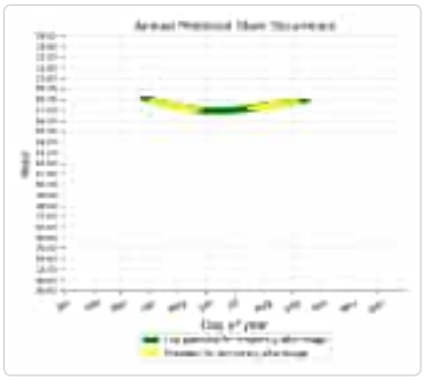


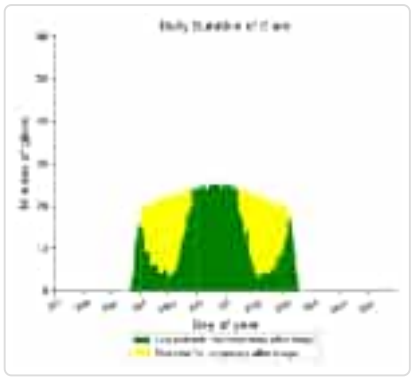


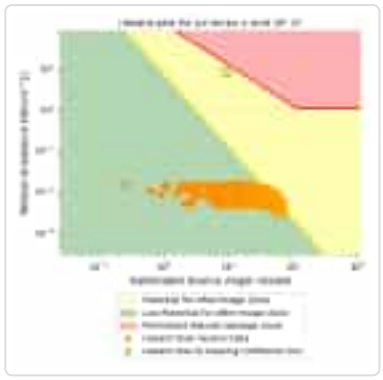
PV array 1: OP 37

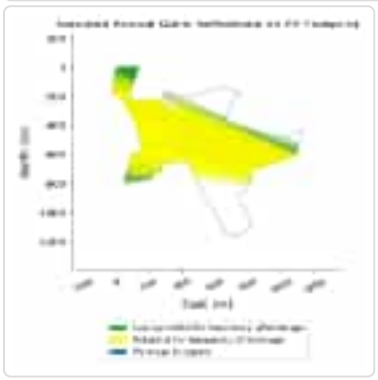
PV array is expected to produce the following glare for this receptor:

- 2,348 minutes of "green" glare with low potential to cause temporary after-image.
- 1,457 minutes of "yellow" glare with potential to cause temporary after-image.





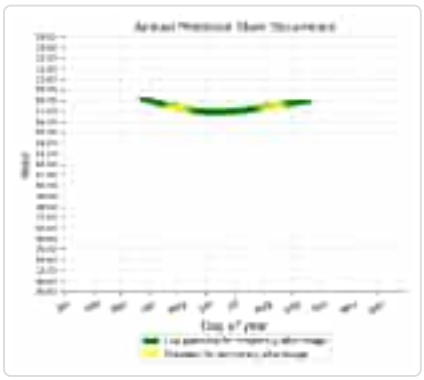


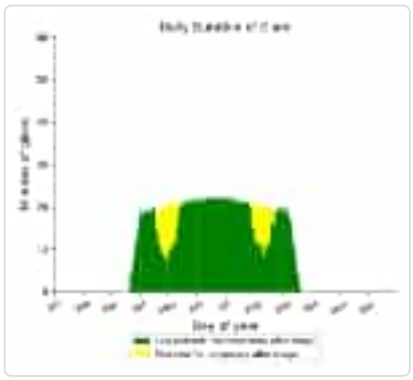


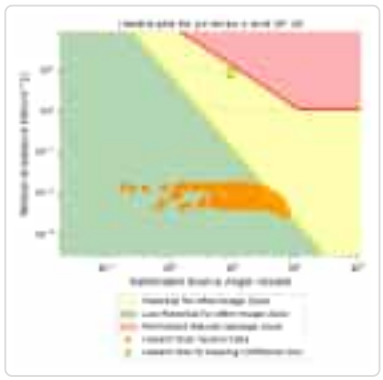
PV array 1: OP 38

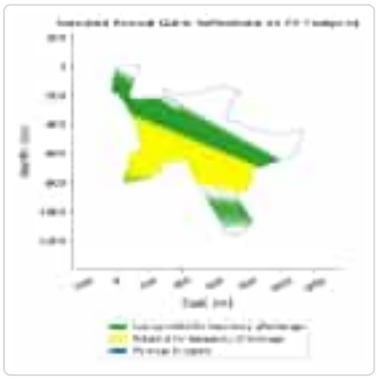
PV array is expected to produce the following glare for this receptor:

- 3,078 minutes of "green" glare with low potential to cause temporary after-image.
- 434 minutes of "yellow" glare with potential to cause temporary after-image.





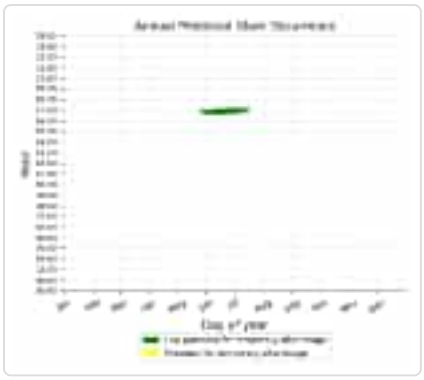


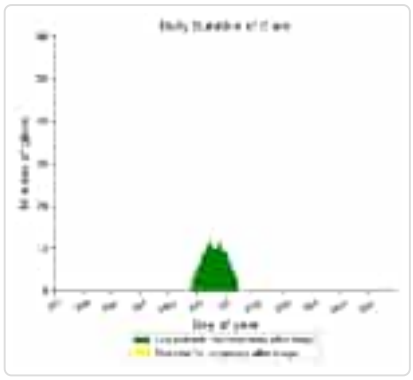


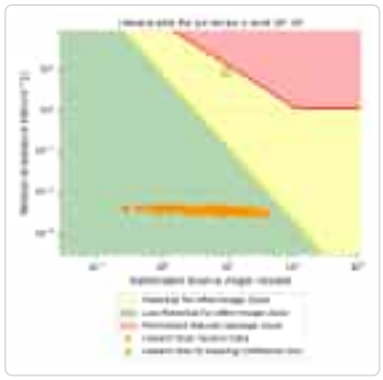
PV array 1: OP 39

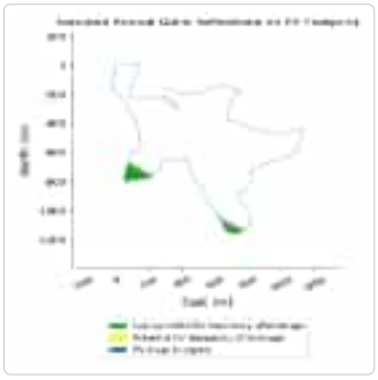
PV array is expected to produce the following glare for this receptor:

- 392 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





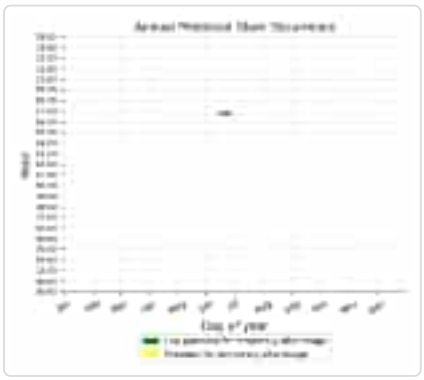


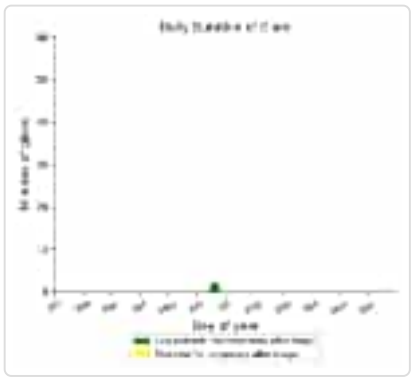


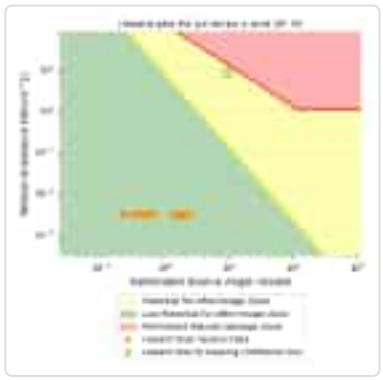
PV array 1: OP 40

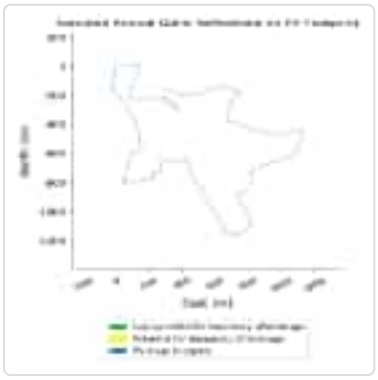
PV array is expected to produce the following glare for this receptor:

- 20 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 41

No glare found

PV array 1: OP 42

No glare found

PV array 1: OP 43

No glare found

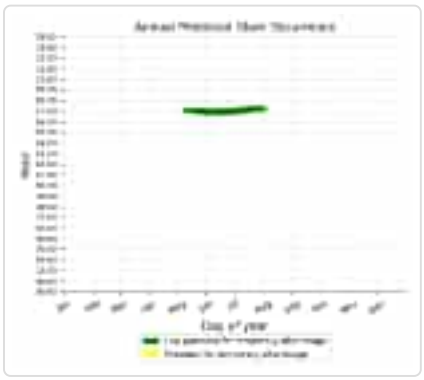
PV array 1: OP 44

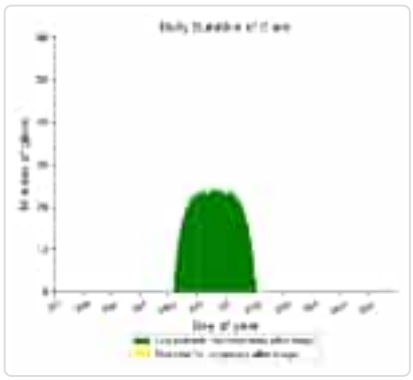
No glare found

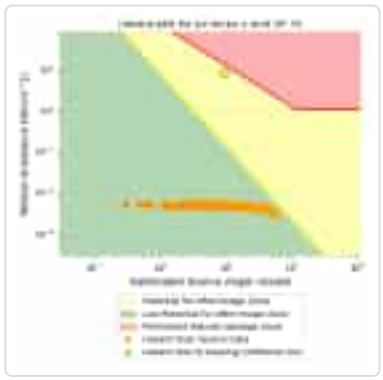
PV array 1: OP 45

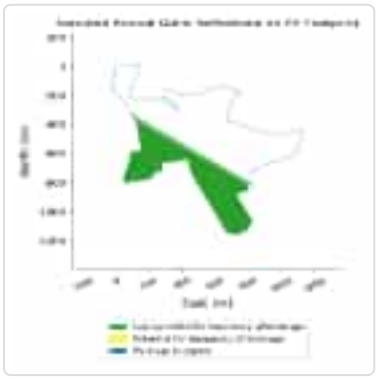
PV array is expected to produce the following glare for this receptor:

- 1,748 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





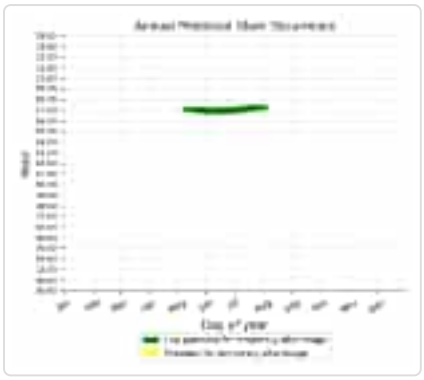


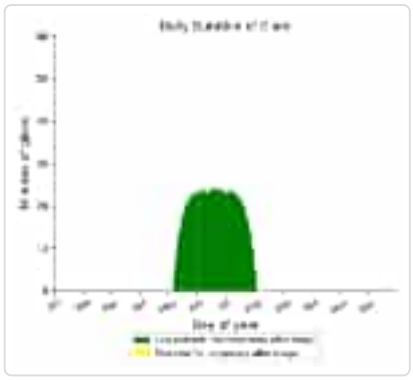


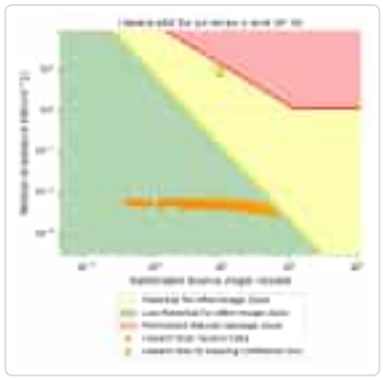
PV array 1: OP 46

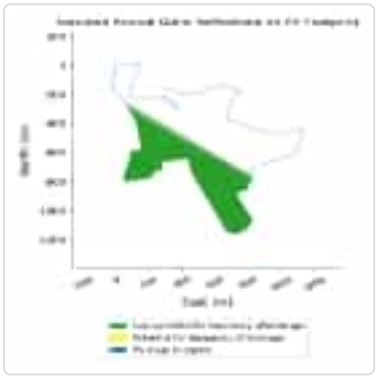
PV array is expected to produce the following glare for this receptor:

- 1,785 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





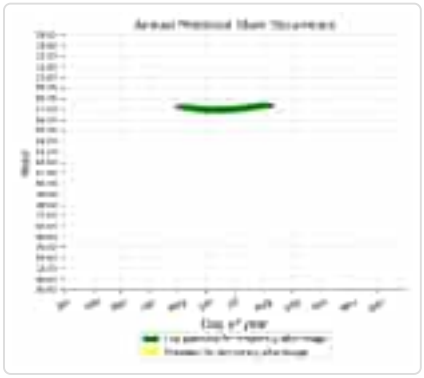


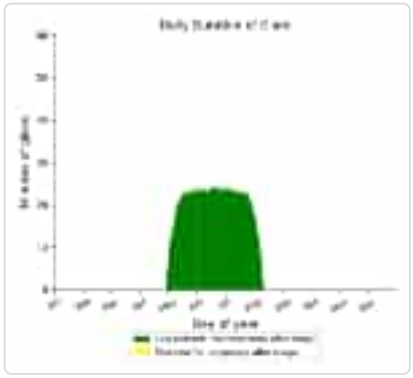


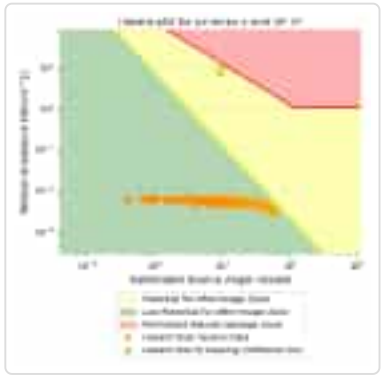
PV array 1: OP 47

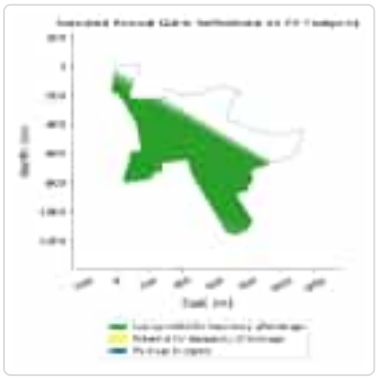
PV array is expected to produce the following glare for this receptor:

- 2,155 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





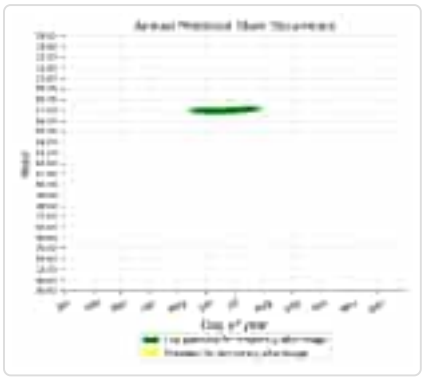


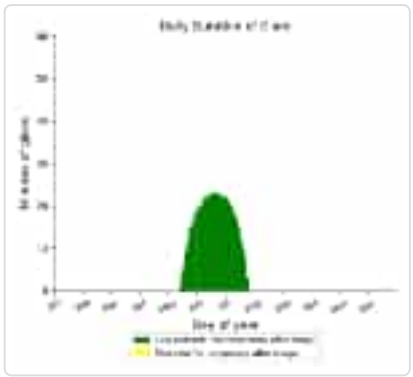


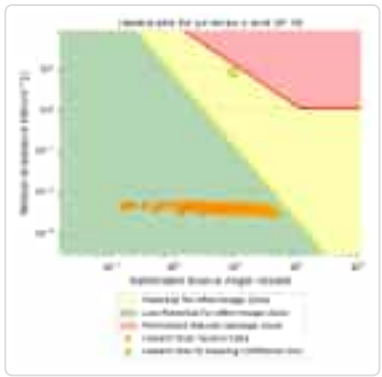
PV array 1: OP 48

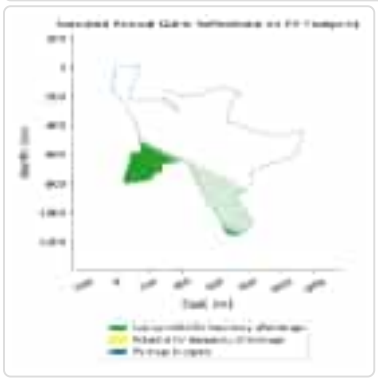
PV array is expected to produce the following glare for this receptor:

- 1,264 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





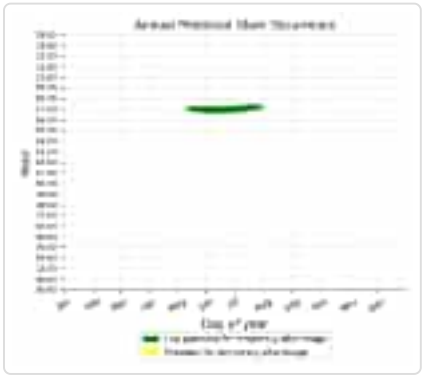


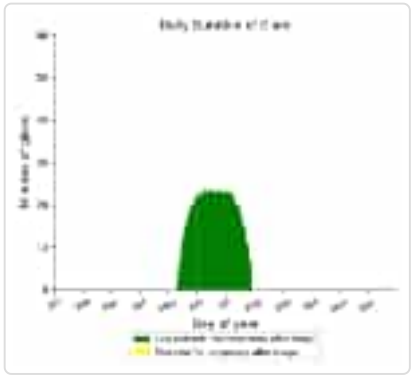


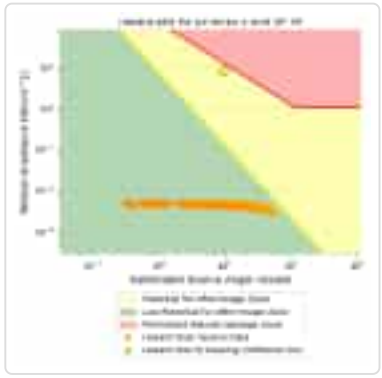
PV array 1: OP 49

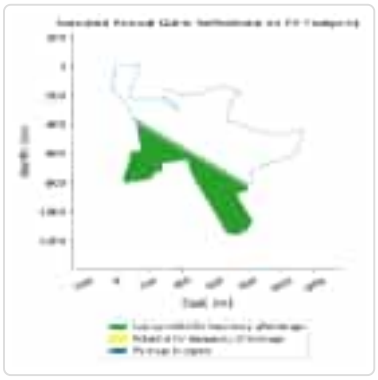
PV array is expected to produce the following glare for this receptor:

- 1,520 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





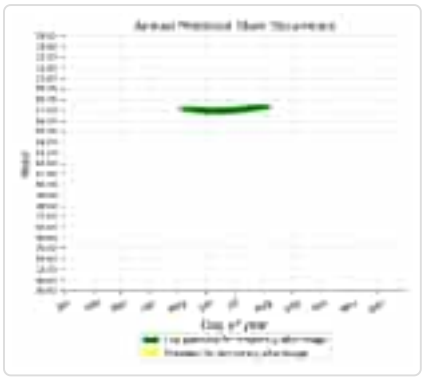


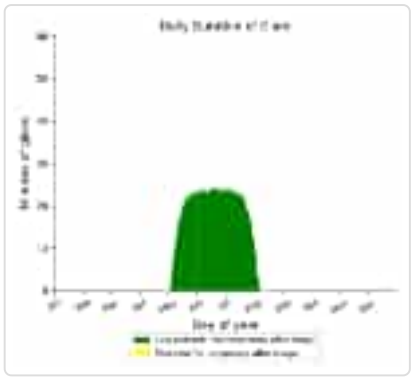


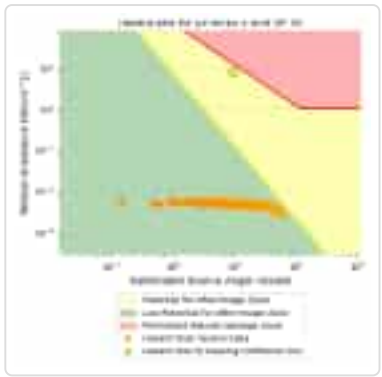
PV array 1: OP 50

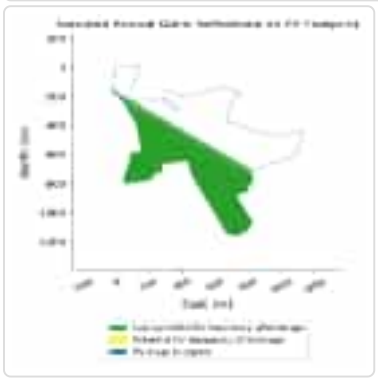
PV array is expected to produce the following glare for this receptor:

- 1,908 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





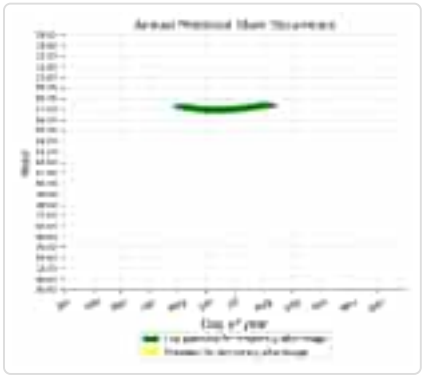


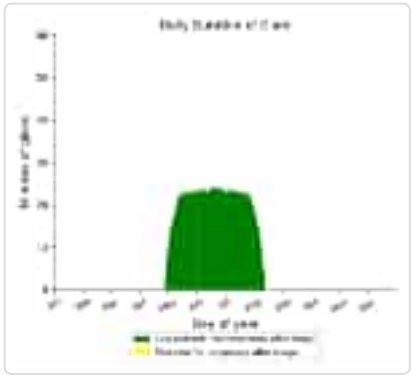


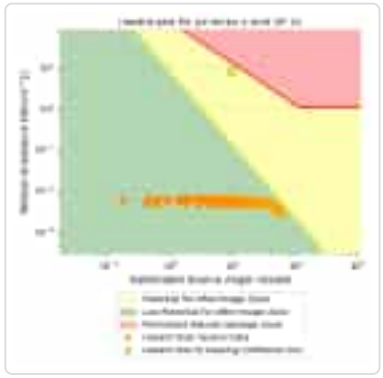
PV array 1: OP 51

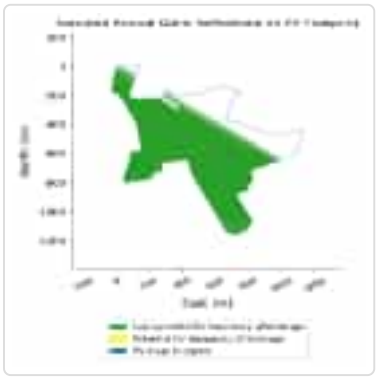
PV array is expected to produce the following glare for this receptor:

- 2,218 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





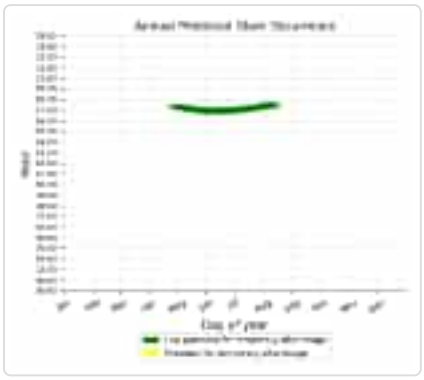


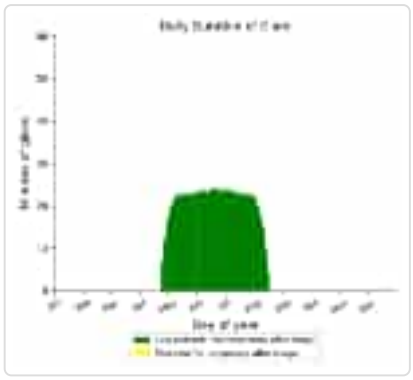


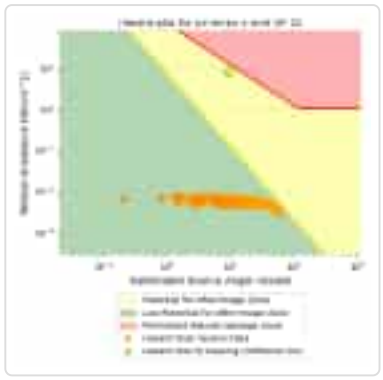
PV array 1: OP 52

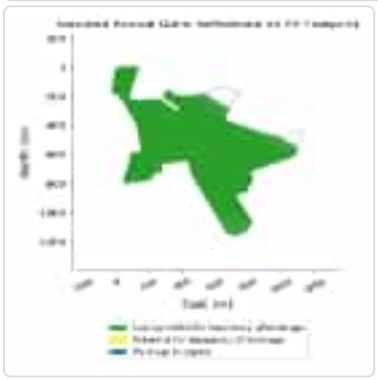
PV array is expected to produce the following glare for this receptor:

- 2,447 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





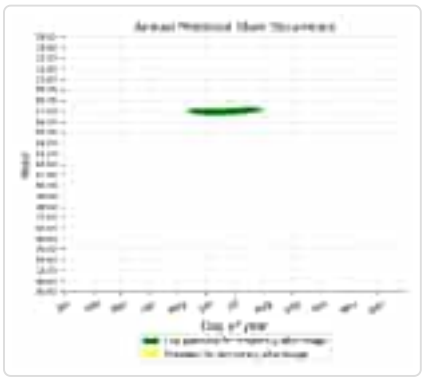


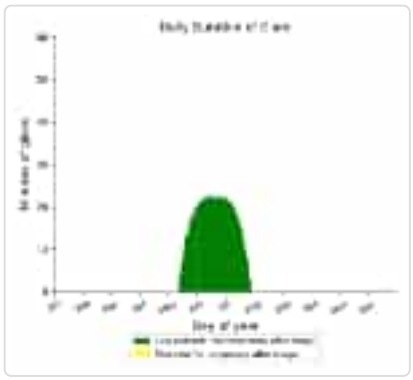


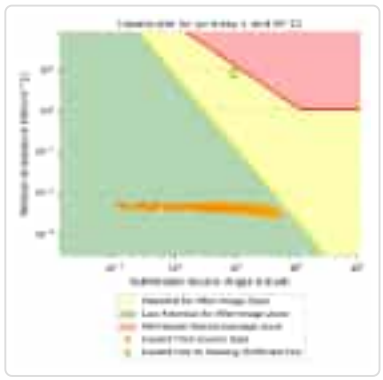
PV array 1: OP 53

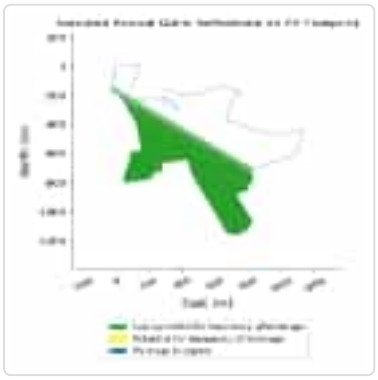
PV array is expected to produce the following glare for this receptor:

- 1,357 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





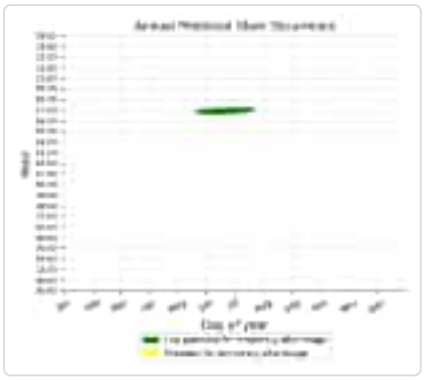


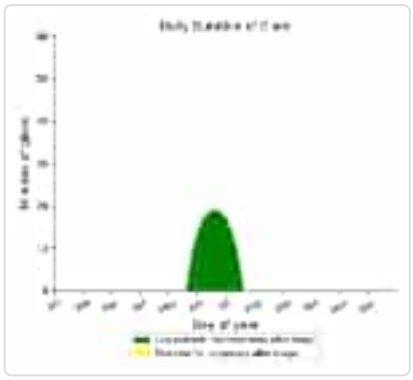


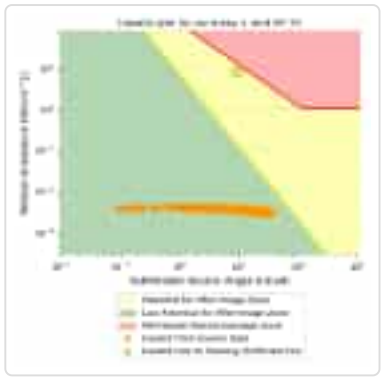
PV array 1: OP 54

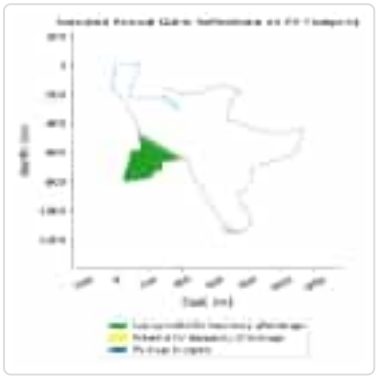
PV array is expected to produce the following glare for this receptor:

- 844 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





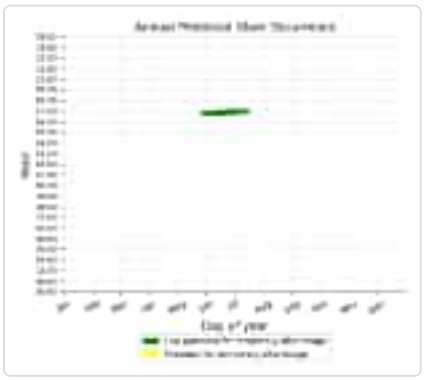


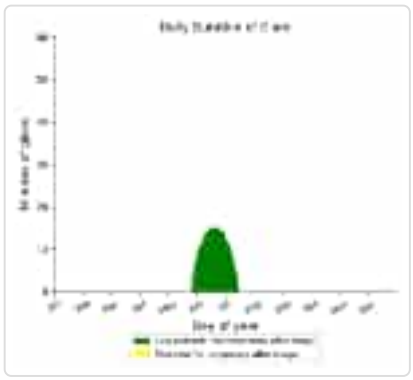


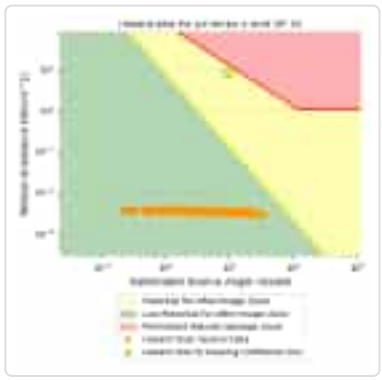
PV array 1: OP 55

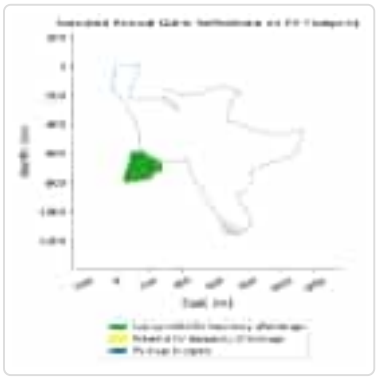
PV array is expected to produce the following glare for this receptor:

- 565 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





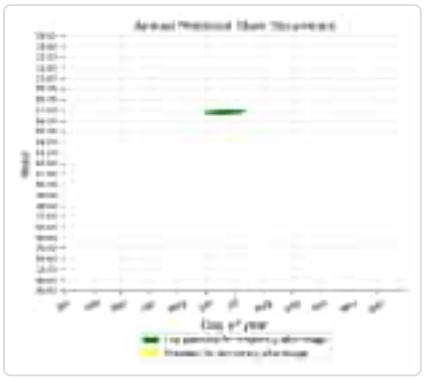


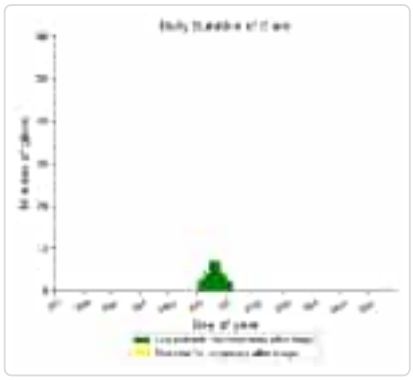


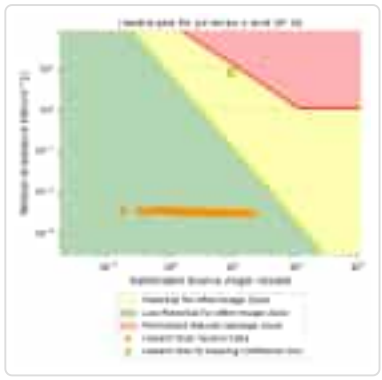
PV array 1: OP 56

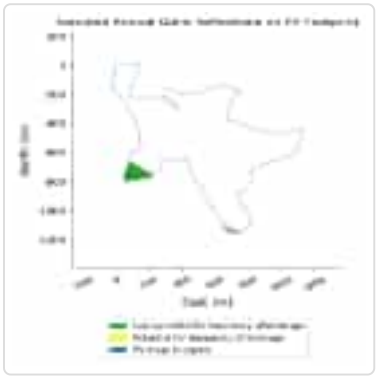
PV array is expected to produce the following glare for this receptor:

- 167 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 57

No glare found

PV array 1: OP 58

No glare found

PV array 1: OP 59

No glare found

PV array 1: OP 60

No glare found

PV array 1: OP 61

No glare found

PV array 1: OP 62

No glare found

PV array 1: OP 63

No glare found

PV array 1: OP 64

No glare found

PV array 1: OP 65

No glare found

PV array 1: OP 66

No glare found

PV array 1: OP 67

No glare found

PV array 1: OP 68

No glare found

PV array 1: OP 69

No glare found

PV array 1: OP 70

No glare found

PV array 1: OP 71

No glare found

PV array 1: OP 72

No glare found

PV array 1: OP 73

No glare found

PV array 1: OP 74

No glare found

PV array 1: OP 75

No glare found

PV array 1: OP 76

No glare found

PV array 1: OP 77

No glare found

PV array 1: OP 78

No glare found

PV array 1: OP 79

No glare found

PV array 10 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0

OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	3369	1924
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	2001	50
OP: OP 55	2618	246
OP: OP 56	0	0
OP: OP 57	1481	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	528	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

PV array 10: OP 1

No glare found

PV array 10: OP 2

No glare found

PV array 10: OP 3

No glare found

PV array 10: OP 4

No glare found

PV array 10: OP 5

No glare found

PV array 10: OP 6

No glare found

PV array 10: OP 7

No glare found

PV array 10: OP 8

No glare found

PV array 10: OP 9

No glare found

PV array 10: OP 10

No glare found

PV array 10: OP 11

No glare found

PV array 10: OP 12

No glare found

PV array 10: OP 13

No glare found

PV array 10: OP 14

No glare found

PV array 10: OP 15

No glare found

PV array 10: OP 16

No glare found

PV array 10: OP 17

No glare found

PV array 10: OP 18

No glare found

PV array 10: OP 19

No glare found

PV array 10: OP 20

No glare found

PV array 10: OP 21

No glare found

PV array 10: OP 22

No glare found

PV array 10: OP 23

No glare found

PV array 10: OP 24

No glare found

PV array 10: OP 25

No glare found

PV array 10: OP 26

No glare found

PV array 10: OP 27

No glare found

PV array 10: OP 28

No glare found

PV array 10: OP 29

No glare found

PV array 10: OP 30

No glare found

PV array 10: OP 31

No glare found

PV array 10: OP 32

No glare found

PV array 10: OP 33

No glare found

PV array 10: OP 34

No glare found

PV array 10: OP 35

No glare found

PV array 10: OP 36

No glare found

PV array 10: OP 37

No glare found

PV array 10: OP 38

No glare found

PV array 10: OP 39

No glare found

PV array 10: OP 40

No glare found

PV array 10: OP 41

No glare found

PV array 10: OP 42

No glare found

PV array 10: OP 43

No glare found

PV array 10: OP 44

No glare found

PV array 10: OP 45

No glare found

PV array 10: OP 46

No glare found

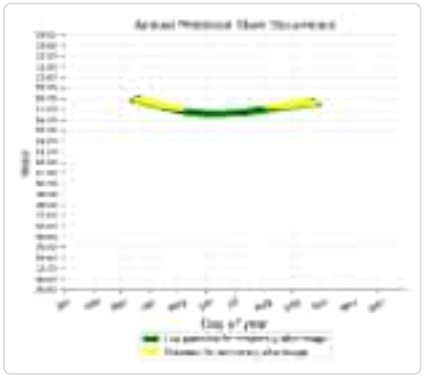
PV array 10: OP 47

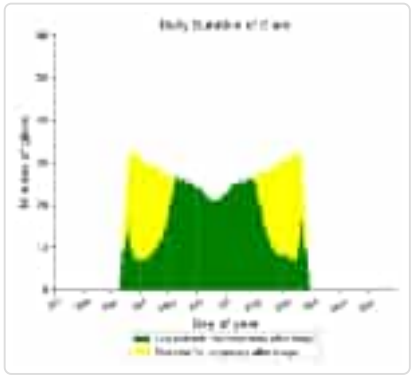
No glare found

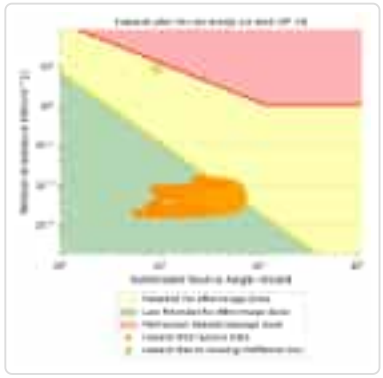
PV array 10: OP 48

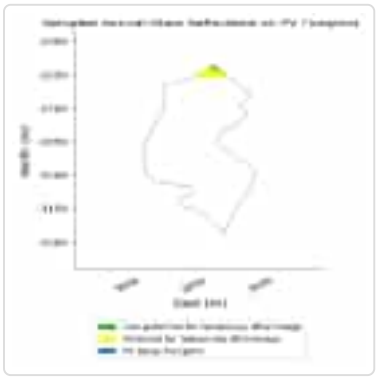
PV array is expected to produce the following glare for this receptor:

- 3,369 minutes of "green" glare with low potential to cause temporary after-image.
- 1,924 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 49

No glare found

PV array 10: OP 50

No glare found

PV array 10: OP 51

No glare found

PV array 10: OP 52

No glare found

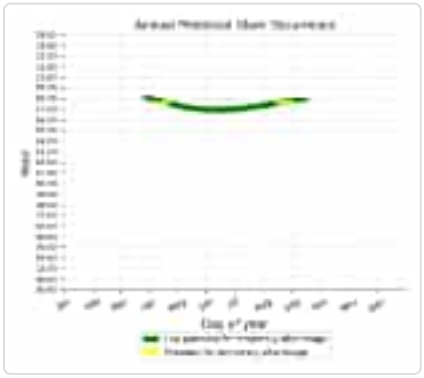
PV array 10: OP 53

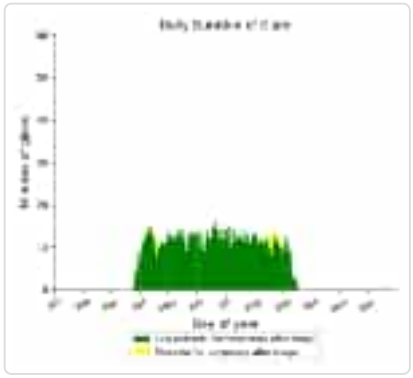
No glare found

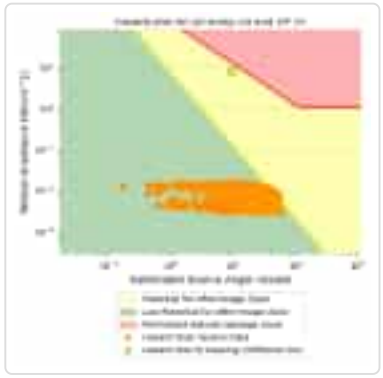
PV array 10: OP 54

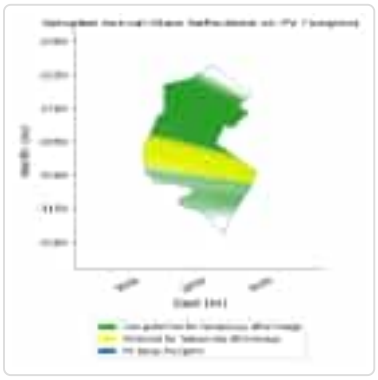
PV array is expected to produce the following glare for this receptor:

- 2,001 minutes of "green" glare with low potential to cause temporary after-image.
- 50 minutes of "yellow" glare with potential to cause temporary after-image.





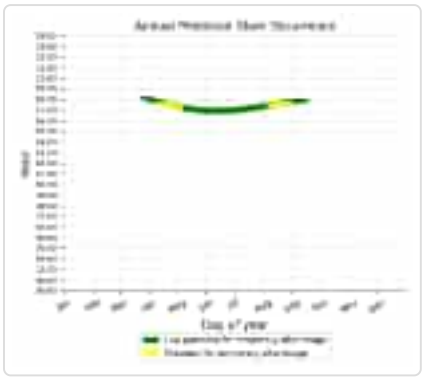


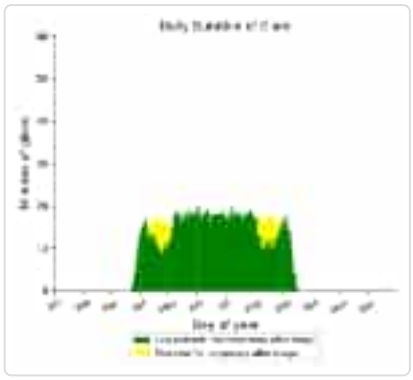


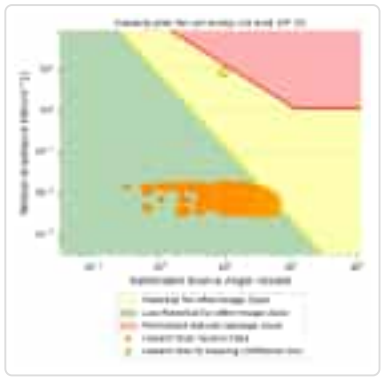
PV array 10: OP 55

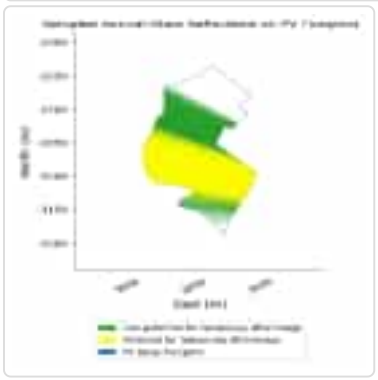
PV array is expected to produce the following glare for this receptor:

- 2,618 minutes of "green" glare with low potential to cause temporary after-image.
- 246 minutes of "yellow" glare with potential to cause temporary after-image.









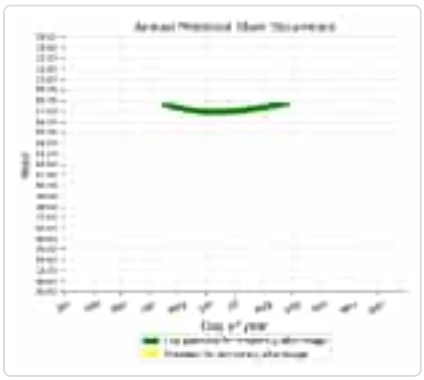
PV array 10: OP 56

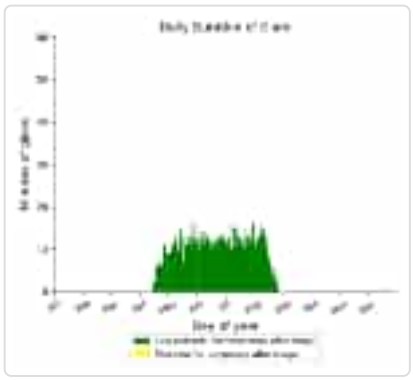
No glare found

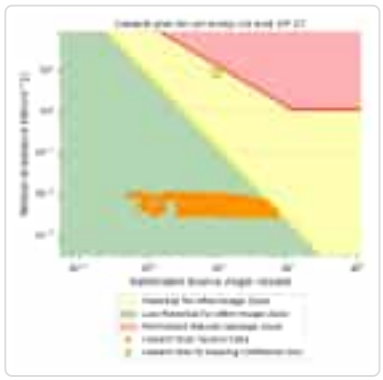
PV array 10: OP 57

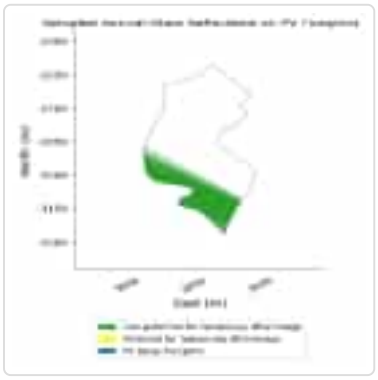
PV array is expected to produce the following glare for this receptor:

- 1,481 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 58

No glare found

PV array 10: OP 59

No glare found

PV array 10: OP 60

No glare found

PV array 10: OP 61

No glare found

PV array 10: OP 62

No glare found

PV array 10: OP 63

No glare found

PV array 10: OP 64

No glare found

PV array 10: OP 65

No glare found

PV array 10: OP 66

No glare found

PV array 10: OP 67

No glare found

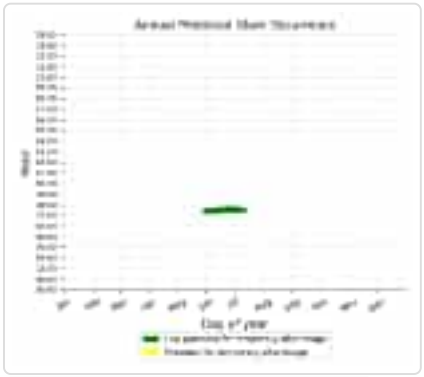
PV array 10: OP 68

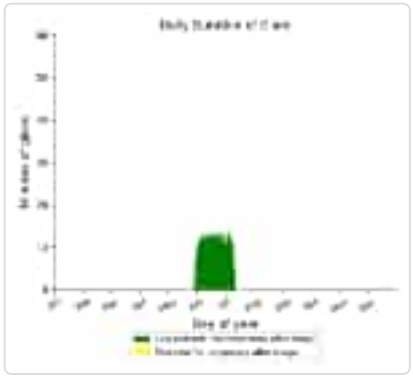
No glare found

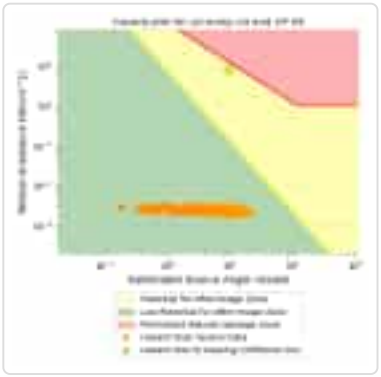
PV array 10: OP 69

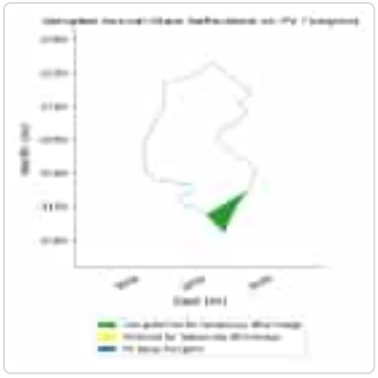
PV array is expected to produce the following glare for this receptor:

- 528 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 70

No glare found

PV array 10: OP 71

No glare found

PV array 10: OP 72

No glare found

PV array 10: OP 73

No glare found

PV array 10: OP 74

No glare found

PV array 10: OP 75

No glare found

PV array 10: OP 76

No glare found

PV array 10: OP 77

No glare found

PV array 10: OP 78

No glare found

PV array 10: OP 79

No glare found

PV array 11 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0

OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	1281	0
OP: OP 54	2199	506
OP: OP 55	2548	611
OP: OP 56	59489	7931
OP: OP 57	34008	7819
OP: OP 58	3090	1411
OP: OP 59	4780	2437
OP: OP 60	2681	1429
OP: OP 61	1068	43
OP: OP 62	1877	1370
OP: OP 63	1919	245
OP: OP 64	2281	562
OP: OP 65	1890	0
OP: OP 66	1989	0
OP: OP 67	2135	0
OP: OP 68	2321	0
OP: OP 69	2253	0
OP: OP 70	1710	0
OP: OP 71	1384	0
OP: OP 72	620	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

PV array 11: OP 1

No glare found

PV array 11: OP 2

No glare found

PV array 11: OP 3

No glare found

PV array 11: OP 4

No glare found

PV array 11: OP 5

No glare found

PV array 11: OP 6

No glare found

PV array 11: OP 7

No glare found

PV array 11: OP 8

No glare found

PV array 11: OP 9

No glare found

PV array 11: OP 10

No glare found

PV array 11: OP 11

No glare found

PV array 11: OP 12

No glare found

PV array 11: OP 13

No glare found

PV array 11: OP 14

No glare found

PV array 11: OP 15

No glare found

PV array 11: OP 16

No glare found

PV array 11: OP 17

No glare found

PV array 11: OP 18

No glare found

PV array 11: OP 19

No glare found

PV array 11: OP 20

No glare found

PV array 11: OP 21

No glare found

PV array 11: OP 22

No glare found

PV array 11: OP 23

No glare found

PV array 11: OP 24

No glare found

PV array 11: OP 25

No glare found

PV array 11: OP 26

No glare found

PV array 11: OP 27

No glare found

PV array 11: OP 28

No glare found

PV array 11: OP 29

No glare found

PV array 11: OP 30

No glare found

PV array 11: OP 31

No glare found

PV array 11: OP 32

No glare found

PV array 11: OP 33

No glare found

PV array 11: OP 34

No glare found

PV array 11: OP 35

No glare found

PV array 11: OP 36

No glare found

PV array 11: OP 37

No glare found

PV array 11: OP 38

No glare found

PV array 11: OP 39

No glare found

PV array 11: OP 40

No glare found

PV array 11: OP 41

No glare found

PV array 11: OP 42

No glare found

PV array 11: OP 43

No glare found

PV array 11: OP 44

No glare found

PV array 11: OP 45

No glare found

PV array 11: OP 46

No glare found

PV array 11: OP 47

No glare found

PV array 11: OP 48

No glare found

PV array 11: OP 49

No glare found

PV array 11: OP 50

No glare found

PV array 11: OP 51

No glare found

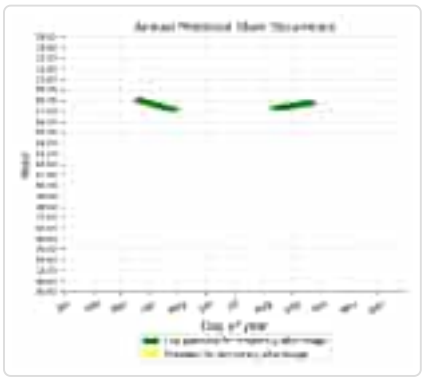
PV array 11: OP 52

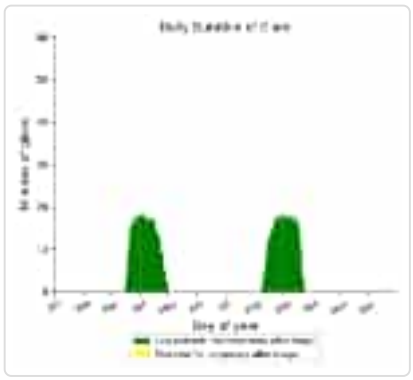
No glare found

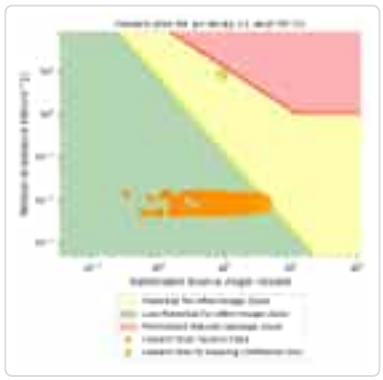
PV array 11: OP 53

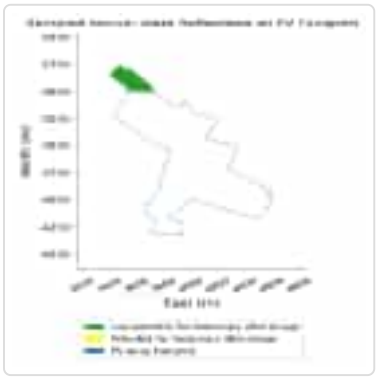
PV array is expected to produce the following glare for this receptor:

- 1,281 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





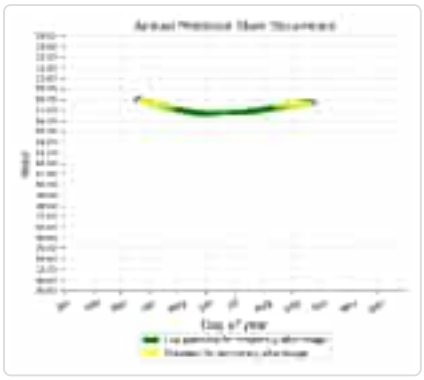


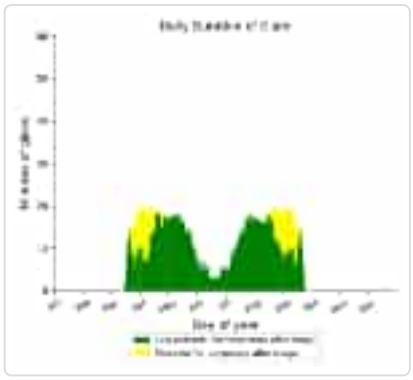


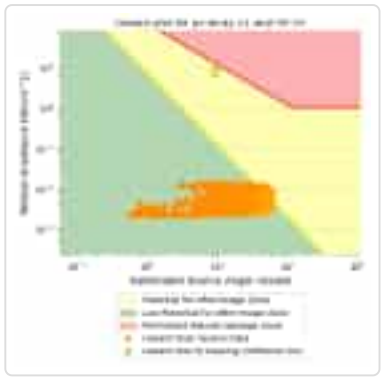
PV array 11: OP 54

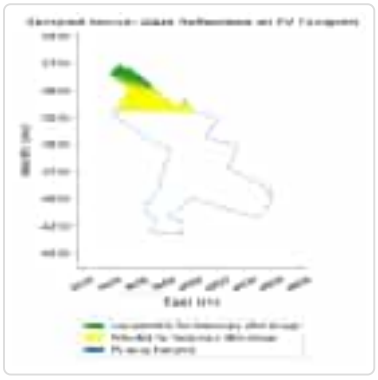
PV array is expected to produce the following glare for this receptor:

- 2,199 minutes of "green" glare with low potential to cause temporary after-image.
- 506 minutes of "yellow" glare with potential to cause temporary after-image.





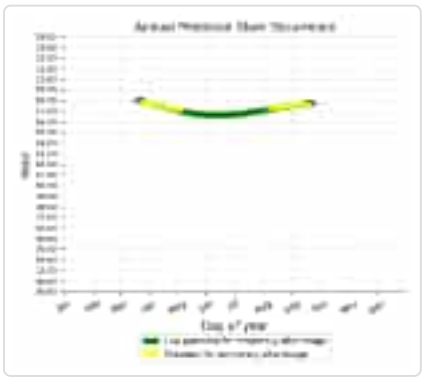


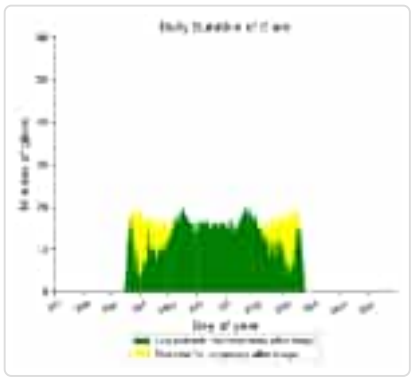


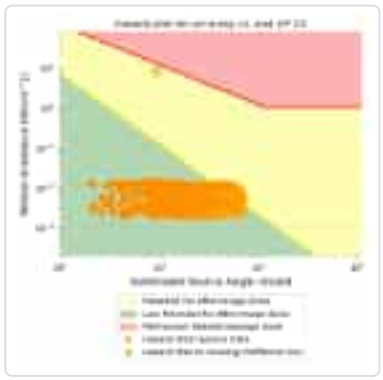
PV array 11: OP 55

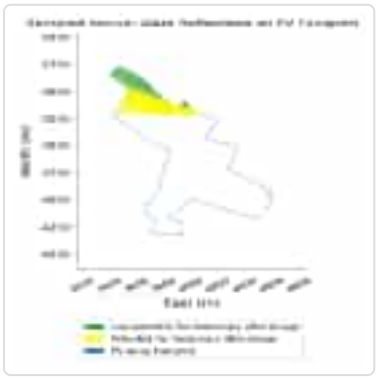
PV array is expected to produce the following glare for this receptor:

- 2,548 minutes of "green" glare with low potential to cause temporary after-image.
- 611 minutes of "yellow" glare with potential to cause temporary after-image.





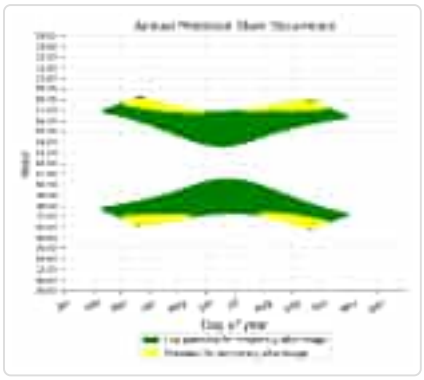


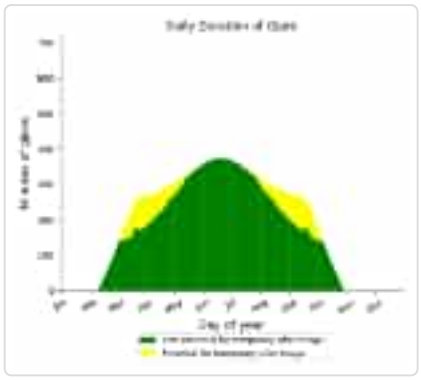


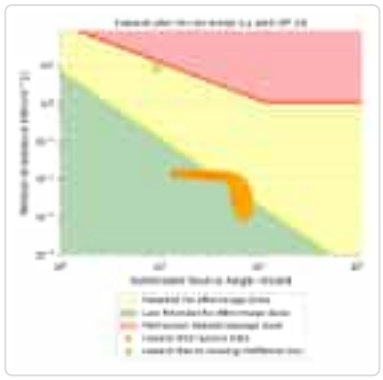
PV array 11: OP 56

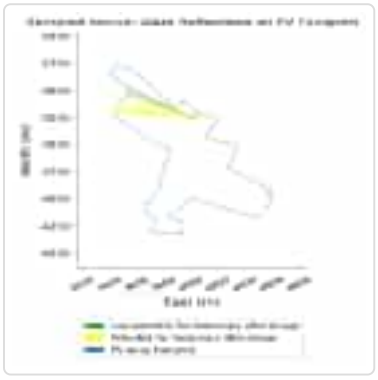
PV array is expected to produce the following glare for this receptor:

- 59,489 minutes of "green" glare with low potential to cause temporary after-image.
- 7,931 minutes of "yellow" glare with potential to cause temporary after-image.





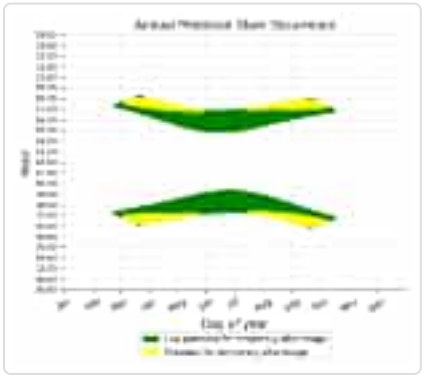


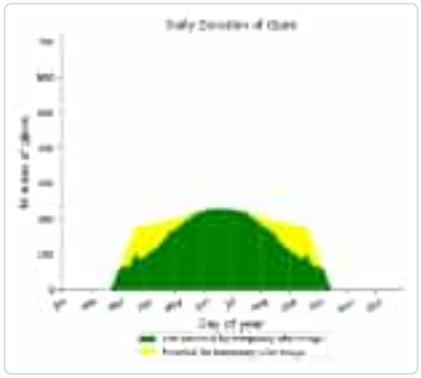


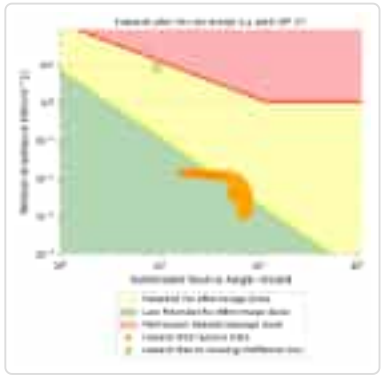
PV array 11: OP 57

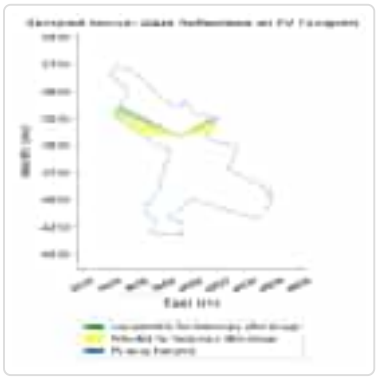
PV array is expected to produce the following glare for this receptor:

- 34,008 minutes of "green" glare with low potential to cause temporary after-image.
- 7,819 minutes of "yellow" glare with potential to cause temporary after-image.





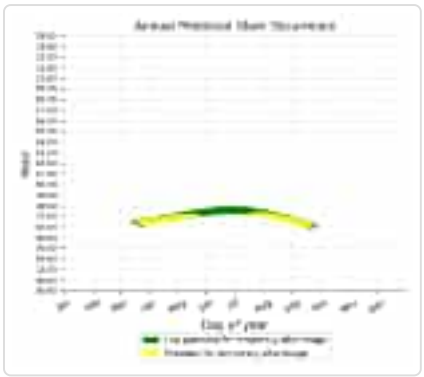


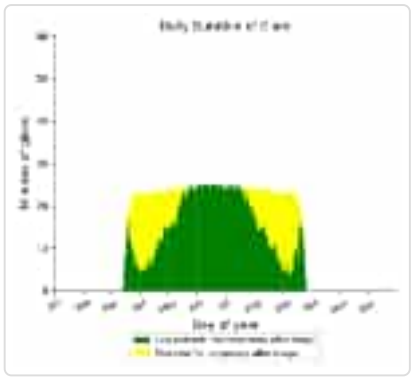


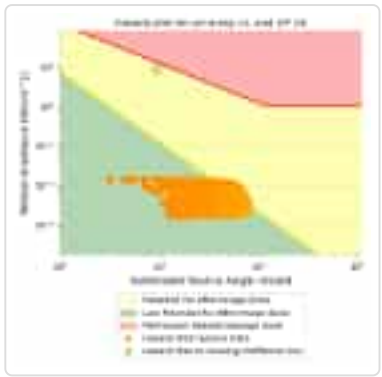
PV array 11: OP 58

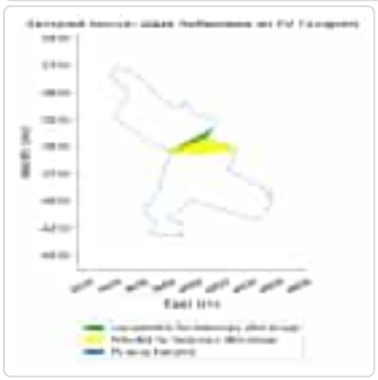
PV array is expected to produce the following glare for this receptor:

- 3,090 minutes of "green" glare with low potential to cause temporary after-image.
- 1,411 minutes of "yellow" glare with potential to cause temporary after-image.





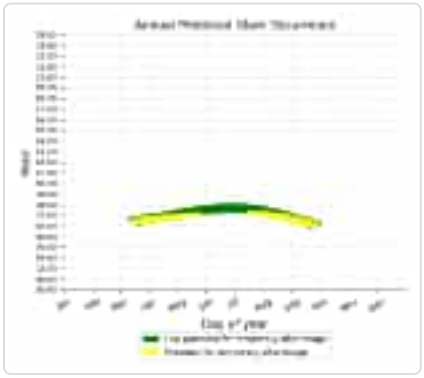


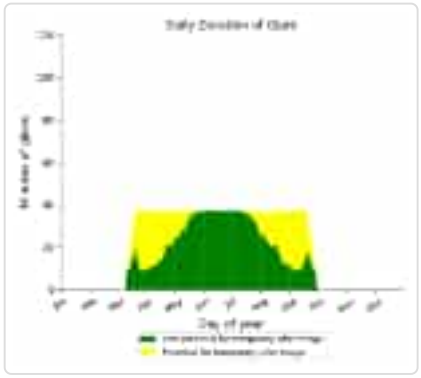


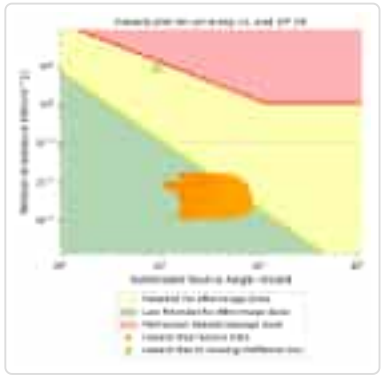
PV array 11: OP 59

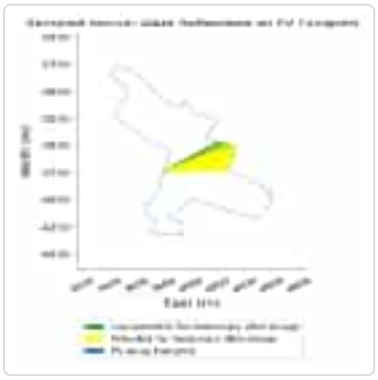
PV array is expected to produce the following glare for this receptor:

- 4,780 minutes of "green" glare with low potential to cause temporary after-image.
- 2,437 minutes of "yellow" glare with potential to cause temporary after-image.





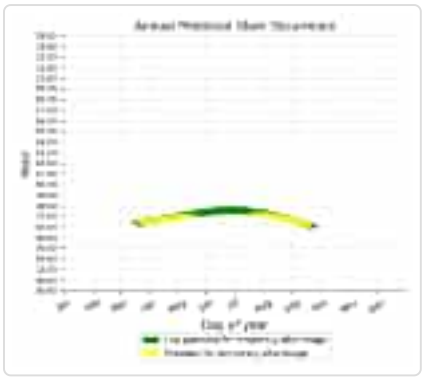


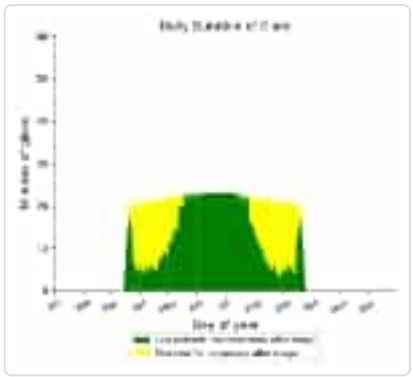


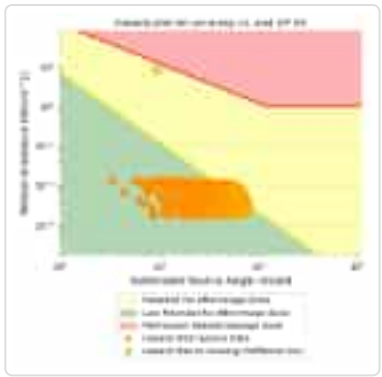
PV array 11: OP 60

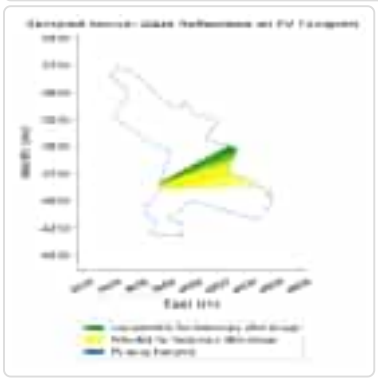
PV array is expected to produce the following glare for this receptor:

- 2,681 minutes of "green" glare with low potential to cause temporary after-image.
- 1,429 minutes of "yellow" glare with potential to cause temporary after-image.





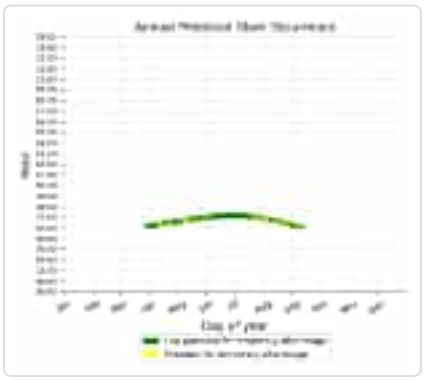


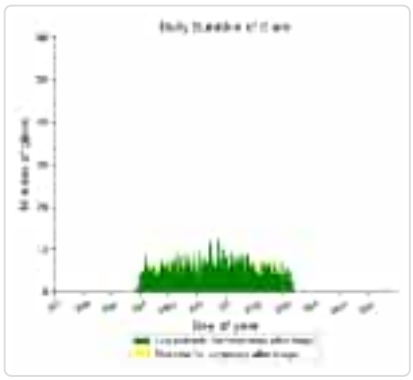


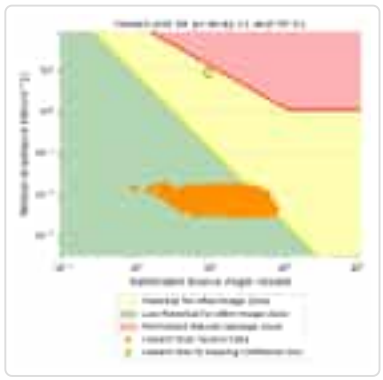
PV array 11: OP 61

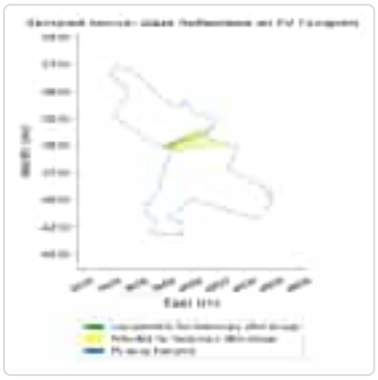
PV array is expected to produce the following glare for this receptor:

- 1,068 minutes of "green" glare with low potential to cause temporary after-image.
- 43 minutes of "yellow" glare with potential to cause temporary after-image.





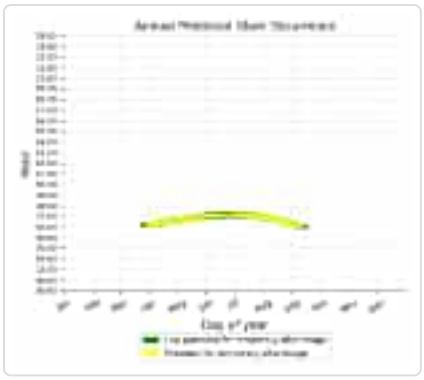


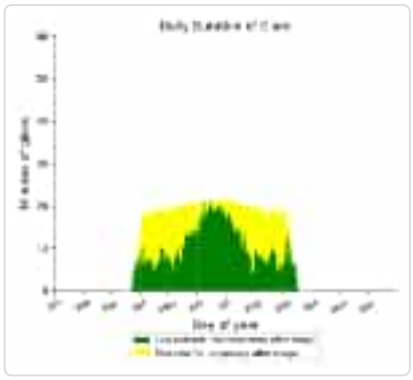


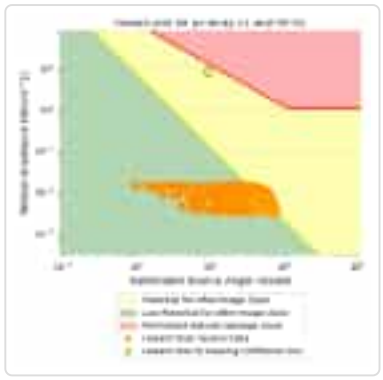
PV array 11: OP 62

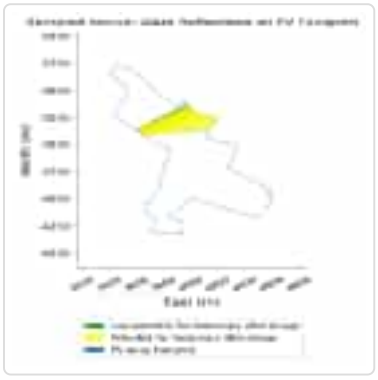
PV array is expected to produce the following glare for this receptor:

- 1,877 minutes of "green" glare with low potential to cause temporary after-image.
- 1,370 minutes of "yellow" glare with potential to cause temporary after-image.





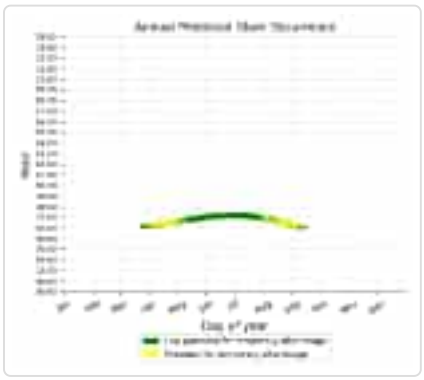


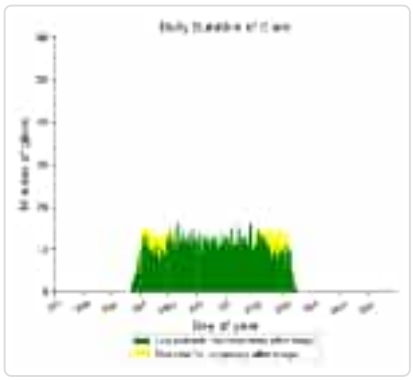


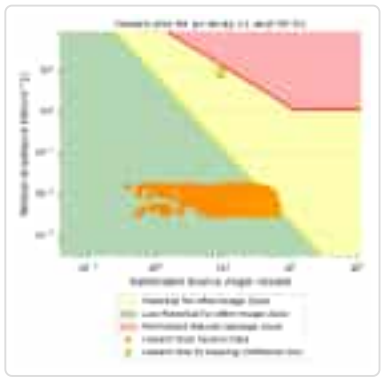
PV array 11: OP 63

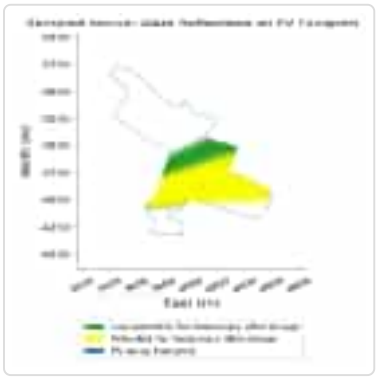
PV array is expected to produce the following glare for this receptor:

- 1,919 minutes of "green" glare with low potential to cause temporary after-image.
- 245 minutes of "yellow" glare with potential to cause temporary after-image.





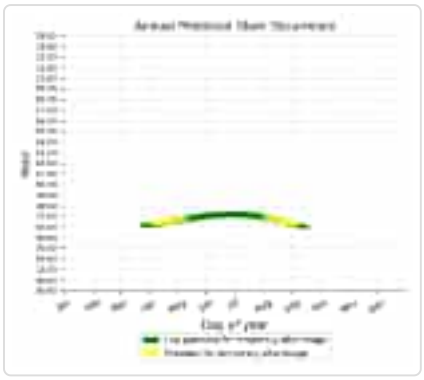


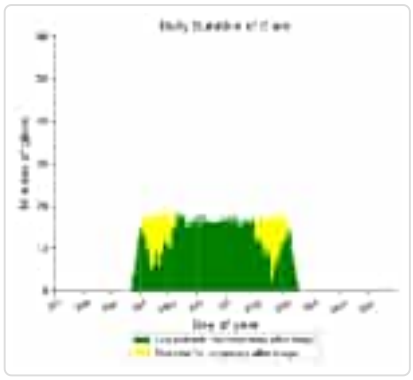


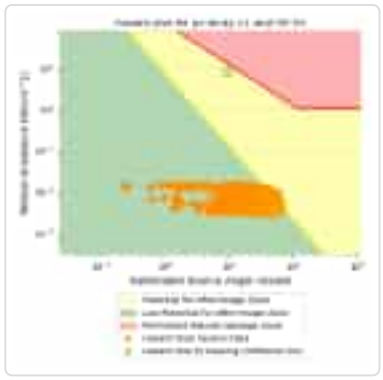
PV array 11: OP 64

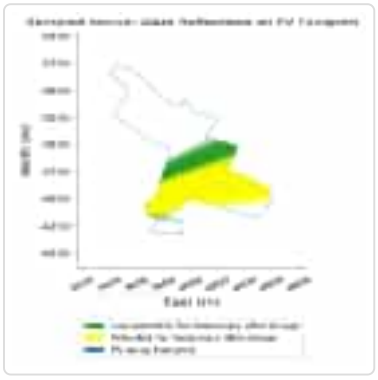
PV array is expected to produce the following glare for this receptor:

- 2,281 minutes of "green" glare with low potential to cause temporary after-image.
- 562 minutes of "yellow" glare with potential to cause temporary after-image.





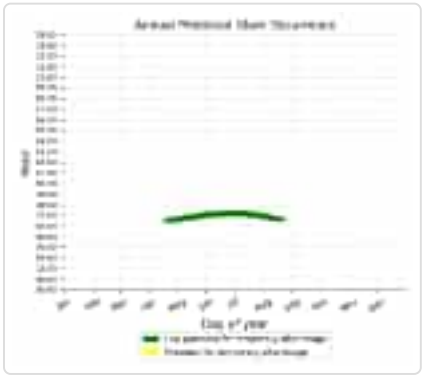


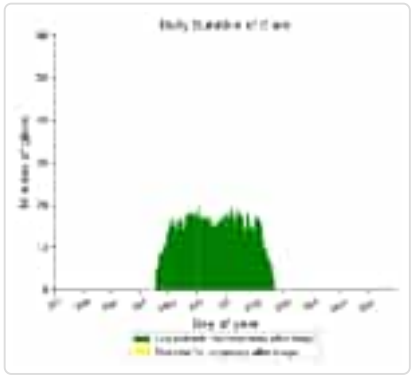


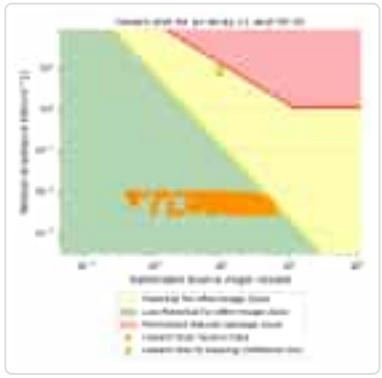
PV array 11: OP 65

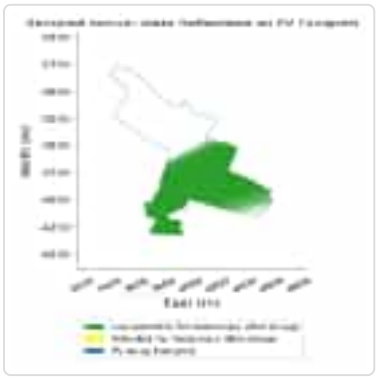
PV array is expected to produce the following glare for this receptor:

- 1,890 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





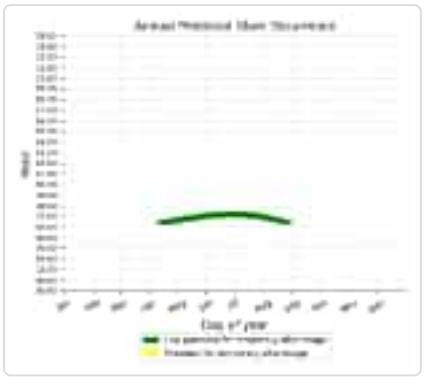


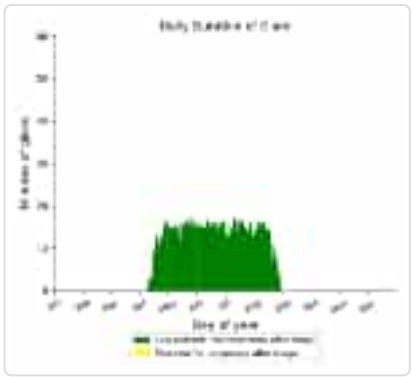


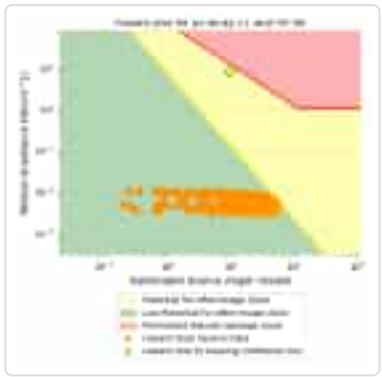
PV array 11: OP 66

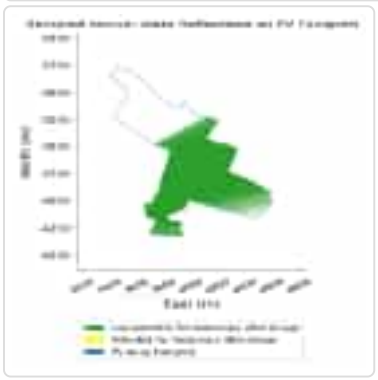
PV array is expected to produce the following glare for this receptor:

- 1,989 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





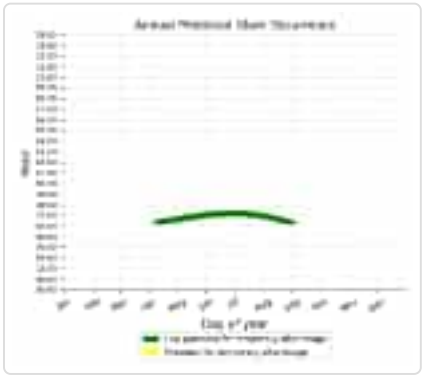


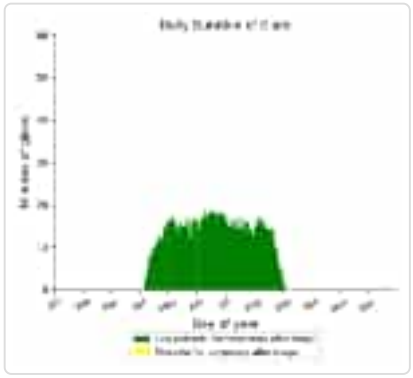


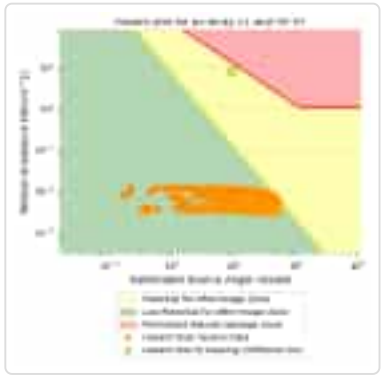
PV array 11: OP 67

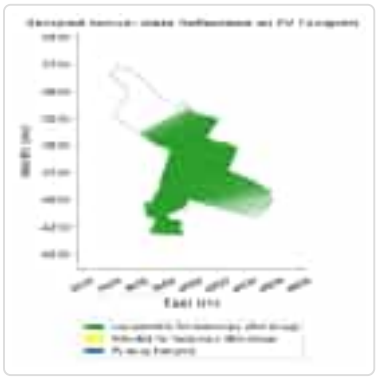
PV array is expected to produce the following glare for this receptor:

- 2,135 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





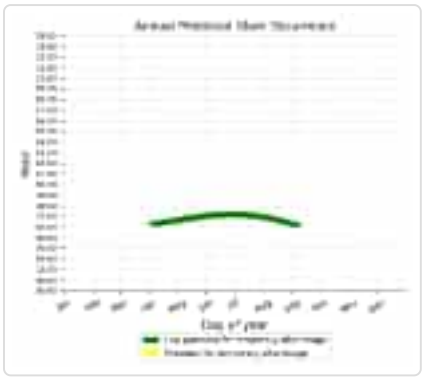


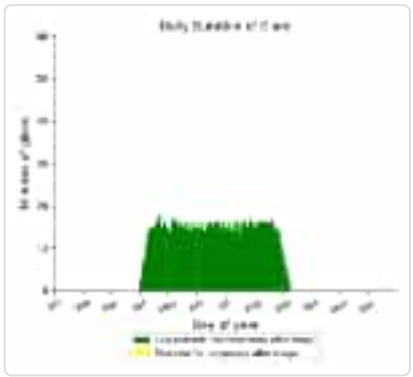


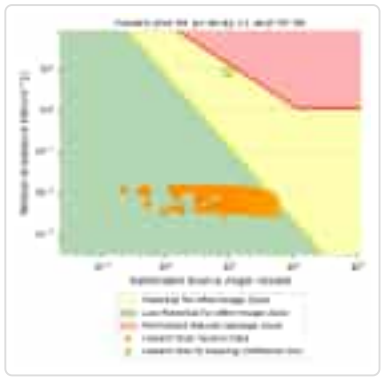
PV array 11: OP 68

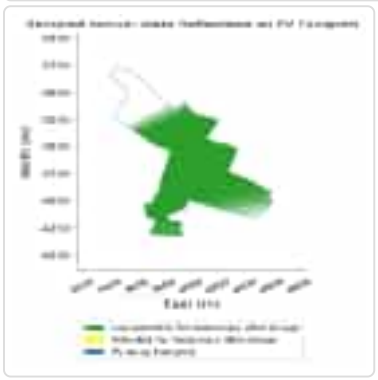
PV array is expected to produce the following glare for this receptor:

- 2,321 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





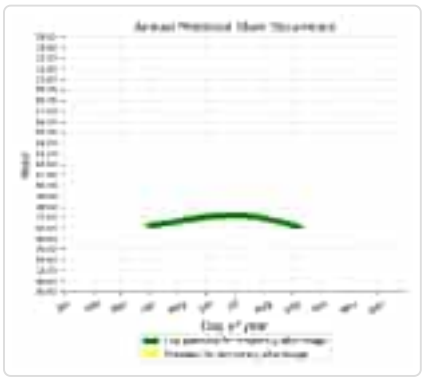


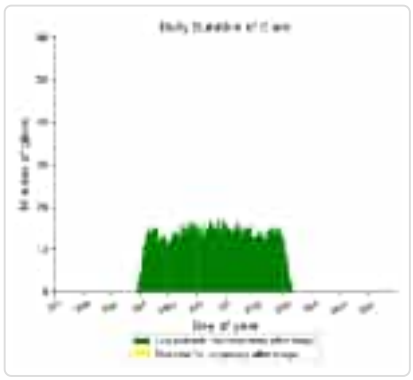


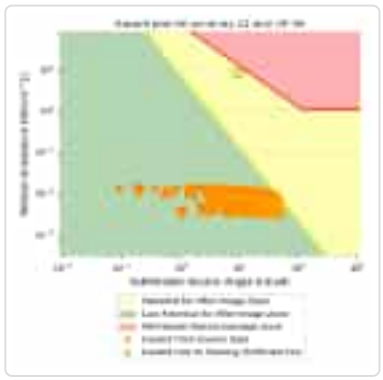
PV array 11: OP 69

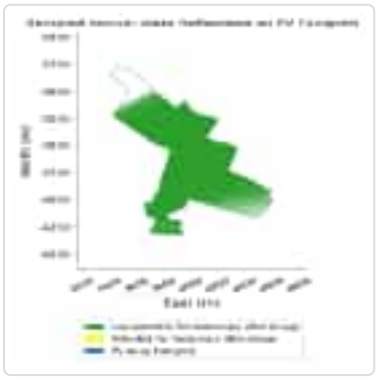
PV array is expected to produce the following glare for this receptor:

- 2,253 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





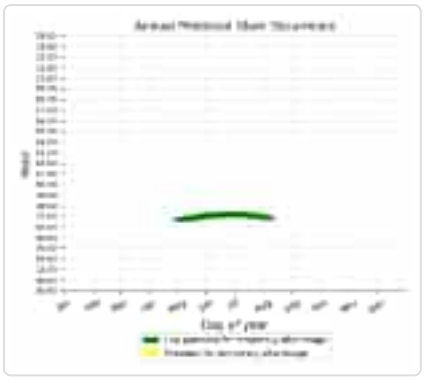


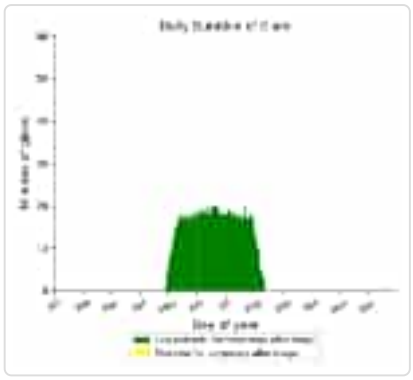


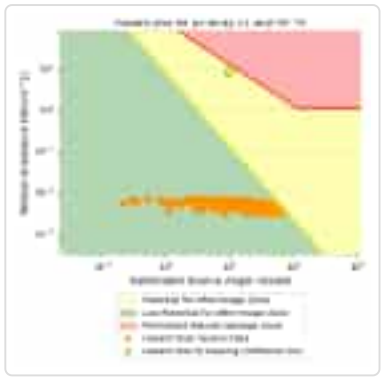
PV array 11: OP 70

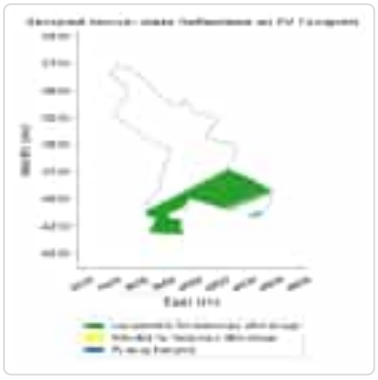
PV array is expected to produce the following glare for this receptor:

- 1,710 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





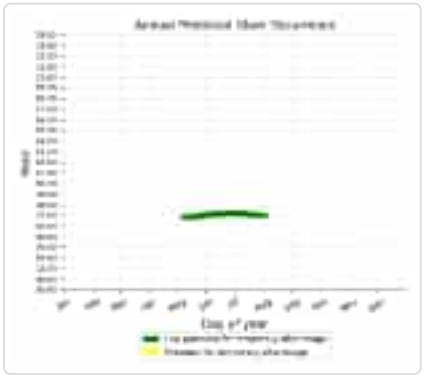


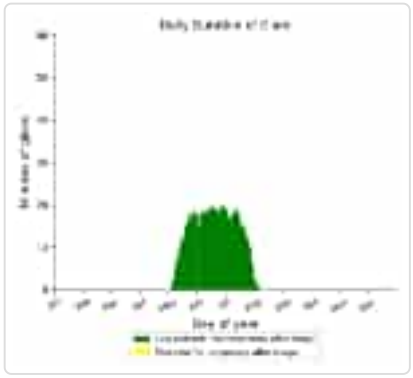


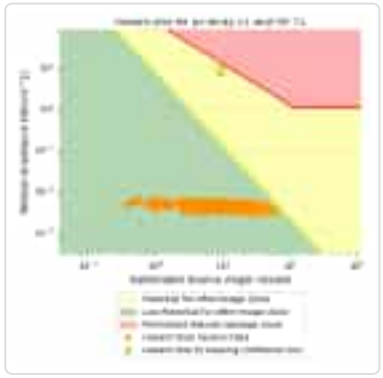
PV array 11: OP 71

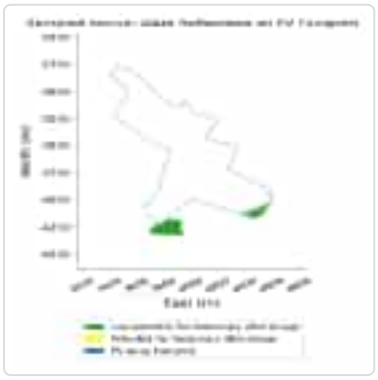
PV array is expected to produce the following glare for this receptor:

- 1,384 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





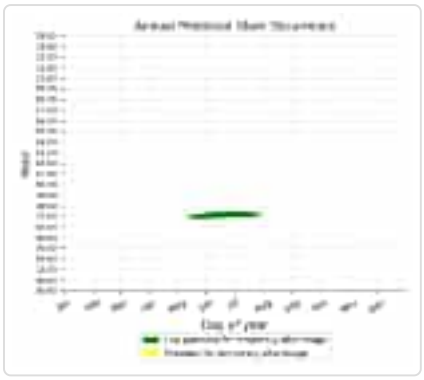


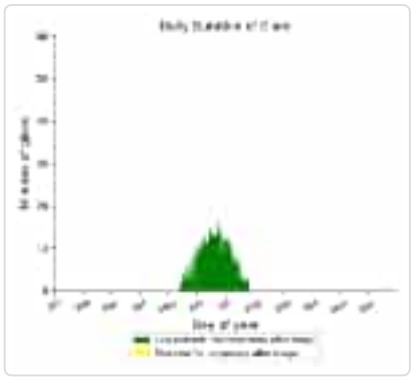


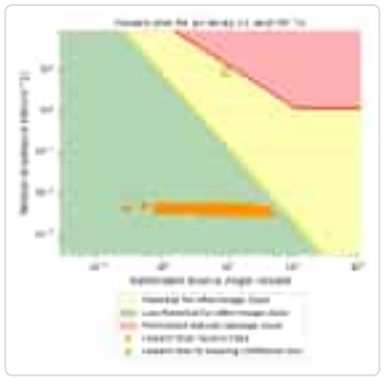
PV array 11: OP 72

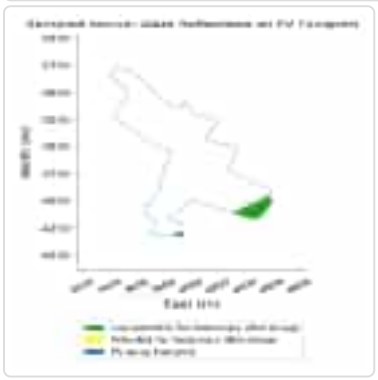
PV array is expected to produce the following glare for this receptor:

- 620 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 73

No glare found

PV array 11: OP 74

No glare found

PV array 11: OP 75

No glare found

PV array 11: OP 76

No glare found

PV array 11: OP 77

No glare found

PV array 11: OP 78

No glare found

PV array 11: OP 79

No glare found

PV array 12 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0

OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	242	0
OP: OP 65	746	0
OP: OP 66	804	0
OP: OP 67	718	0
OP: OP 68	555	0
OP: OP 69	622	0
OP: OP 70	682	0
OP: OP 71	712	0
OP: OP 72	953	0
OP: OP 73	2005	0
OP: OP 74	1720	0
OP: OP 75	1668	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	788	0
OP: OP 79	424	0

PV array 12: OP 1

No glare found

PV array 12: OP 2

No glare found

PV array 12: OP 3

No glare found

PV array 12: OP 4

No glare found

PV array 12: OP 5

No glare found

PV array 12: OP 6

No glare found

PV array 12: OP 7

No glare found

PV array 12: OP 8

No glare found

PV array 12: OP 9

No glare found

PV array 12: OP 10

No glare found

PV array 12: OP 11

No glare found

PV array 12: OP 12

No glare found

PV array 12: OP 13

No glare found

PV array 12: OP 14

No glare found

PV array 12: OP 15

No glare found

PV array 12: OP 16

No glare found

PV array 12: OP 17

No glare found

PV array 12: OP 18

No glare found

PV array 12: OP 19

No glare found

PV array 12: OP 20

No glare found

PV array 12: OP 21

No glare found

PV array 12: OP 22

No glare found

PV array 12: OP 23

No glare found

PV array 12: OP 24

No glare found

PV array 12: OP 25

No glare found

PV array 12: OP 26

No glare found

PV array 12: OP 27

No glare found

PV array 12: OP 28

No glare found

PV array 12: OP 29

No glare found

PV array 12: OP 30

No glare found

PV array 12: OP 31

No glare found

PV array 12: OP 32

No glare found

PV array 12: OP 33

No glare found

PV array 12: OP 34

No glare found

PV array 12: OP 35

No glare found

PV array 12: OP 36

No glare found

PV array 12: OP 37

No glare found

PV array 12: OP 38

No glare found

PV array 12: OP 39

No glare found

PV array 12: OP 40

No glare found

PV array 12: OP 41

No glare found

PV array 12: OP 42

No glare found

PV array 12: OP 43

No glare found

PV array 12: OP 44

No glare found

PV array 12: OP 45

No glare found

PV array 12: OP 46

No glare found

PV array 12: OP 47

No glare found

PV array 12: OP 48

No glare found

PV array 12: OP 49

No glare found

PV array 12: OP 50

No glare found

PV array 12: OP 51

No glare found

PV array 12: OP 52

No glare found

PV array 12: OP 53

No glare found

PV array 12: OP 54

No glare found

PV array 12: OP 55

No glare found

PV array 12: OP 56

No glare found

PV array 12: OP 57

No glare found

PV array 12: OP 58

No glare found

PV array 12: OP 59

No glare found

PV array 12: OP 60

No glare found

PV array 12: OP 61

No glare found

PV array 12: OP 62

No glare found

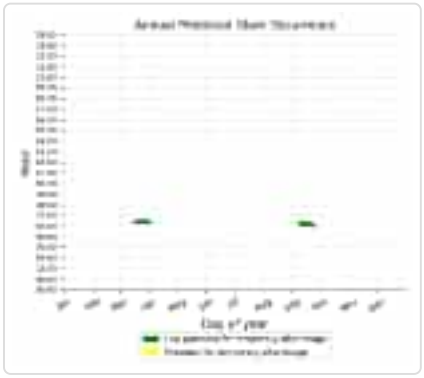
PV array 12: OP 63

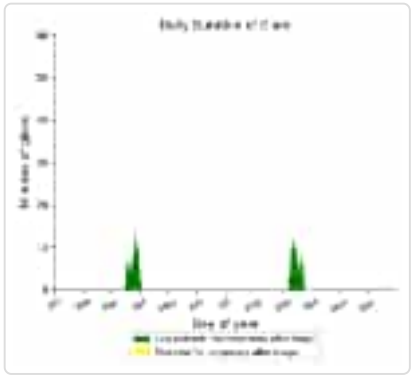
No glare found

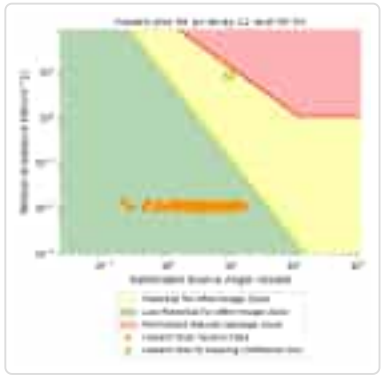
PV array 12: OP 64

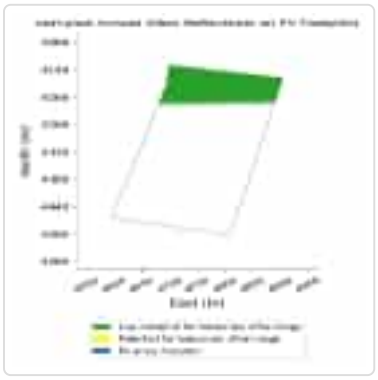
PV array is expected to produce the following glare for this receptor:

- 242 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





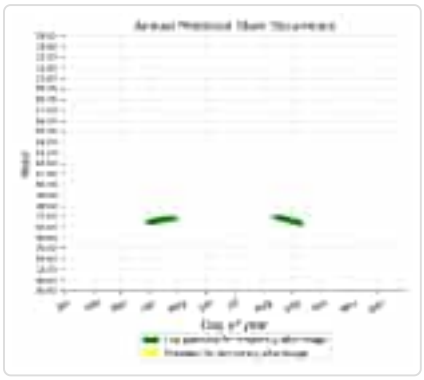


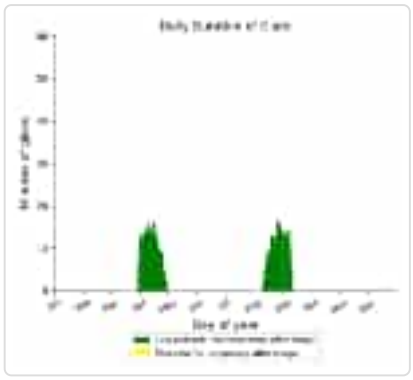


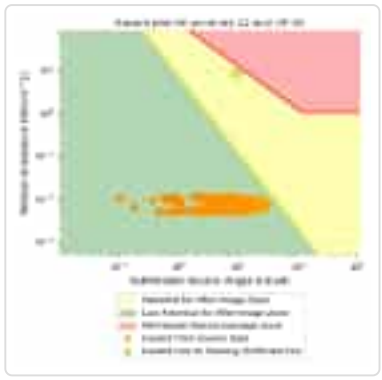
PV array 12: OP 65

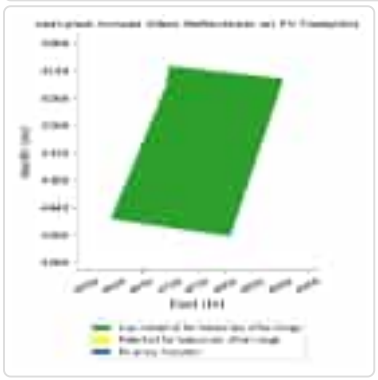
PV array is expected to produce the following glare for this receptor:

- 746 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





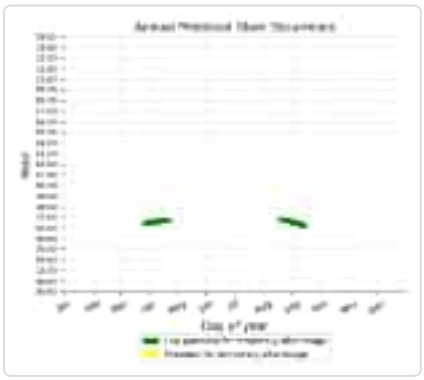


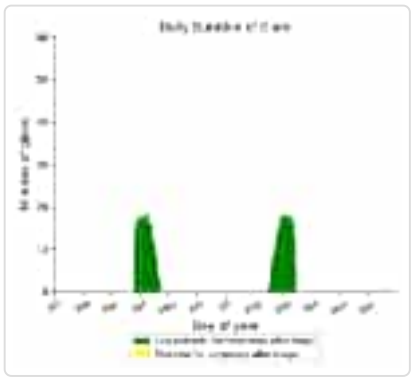


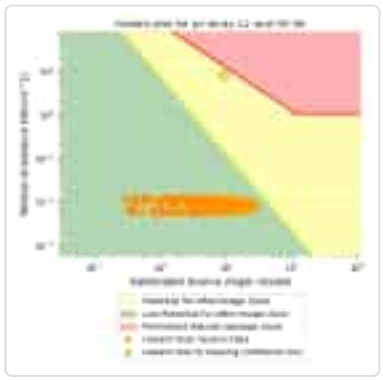
PV array 12: OP 66

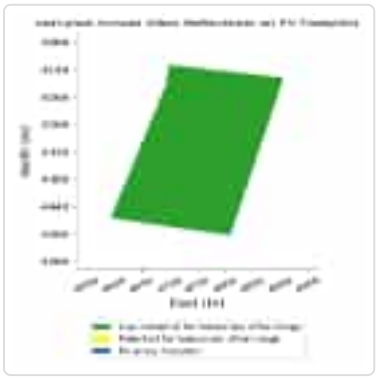
PV array is expected to produce the following glare for this receptor:

- 804 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





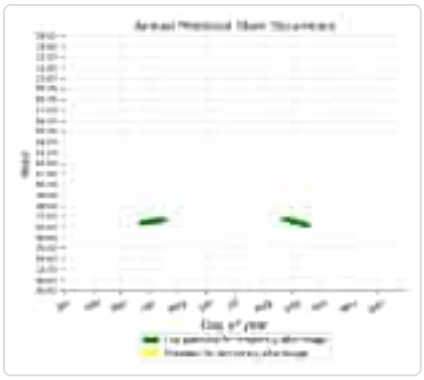


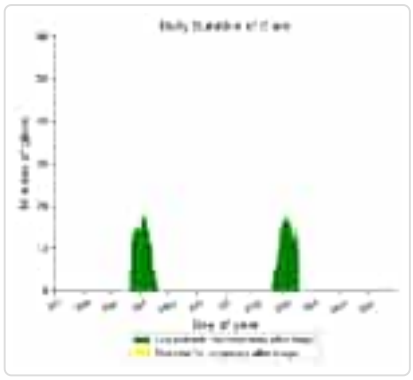


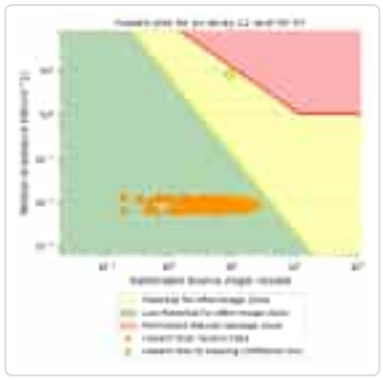
PV array 12: OP 67

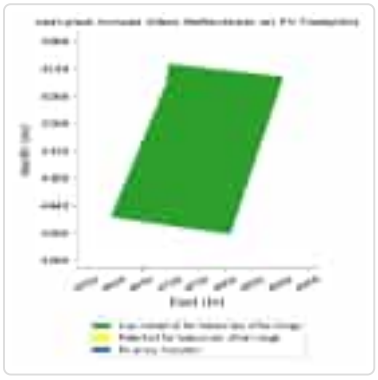
PV array is expected to produce the following glare for this receptor:

- 718 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





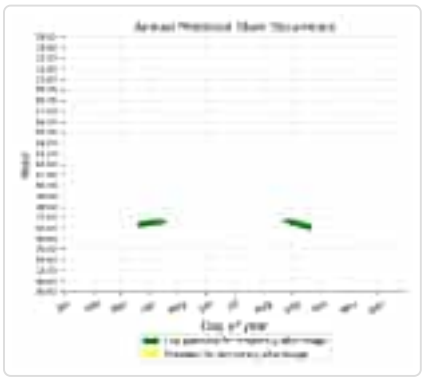


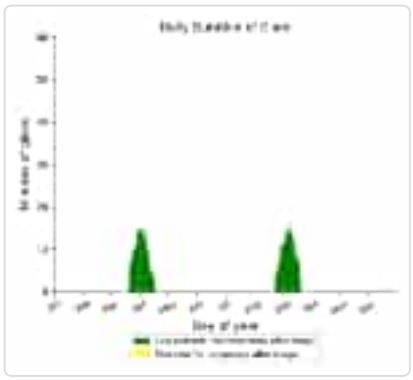


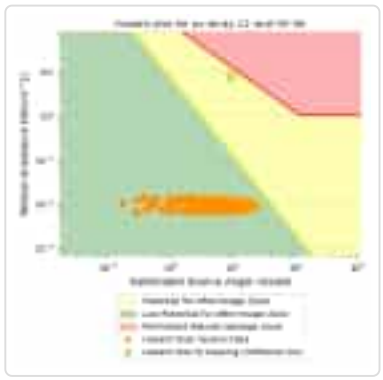
PV array 12: OP 68

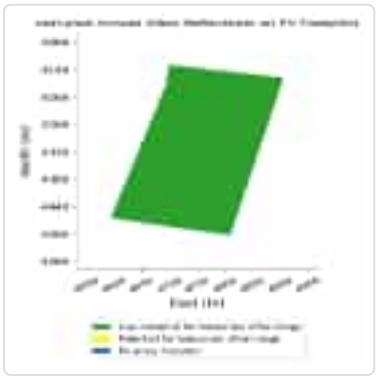
PV array is expected to produce the following glare for this receptor:

- 555 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





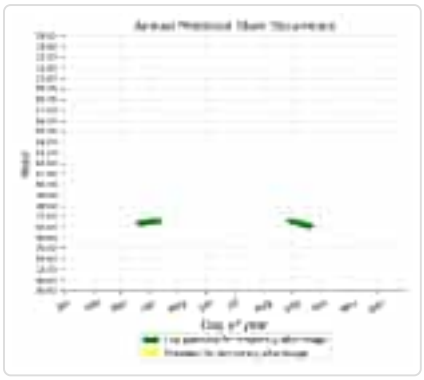


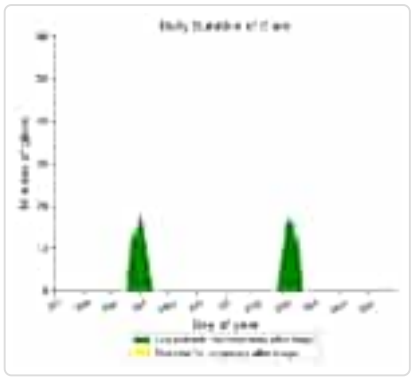


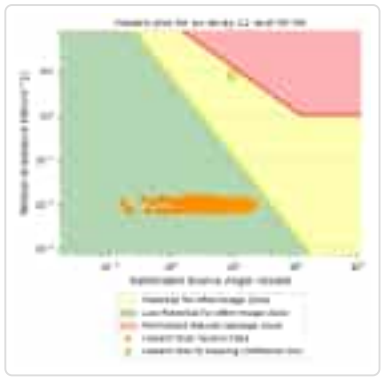
PV array 12: OP 69

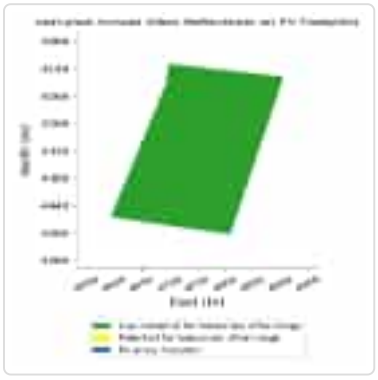
PV array is expected to produce the following glare for this receptor:

- 622 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





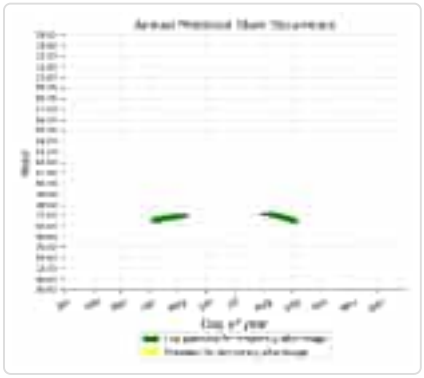


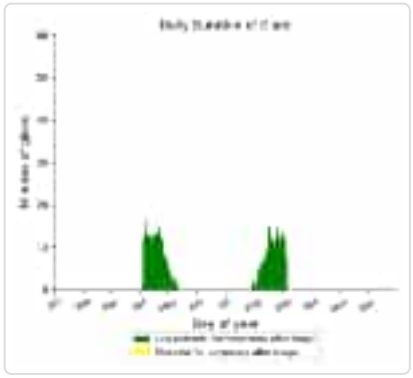


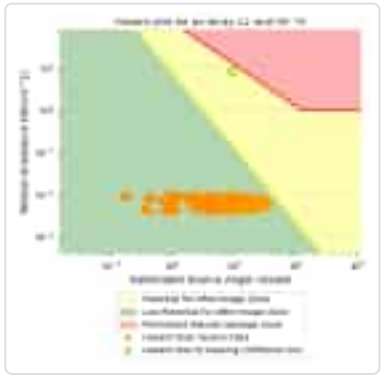
PV array 12: OP 70

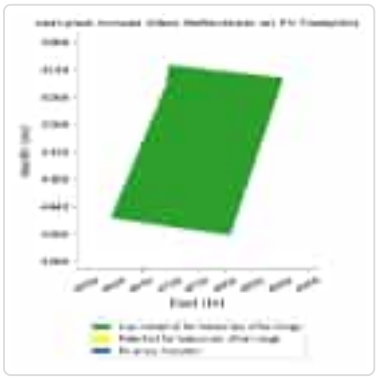
PV array is expected to produce the following glare for this receptor:

- 682 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





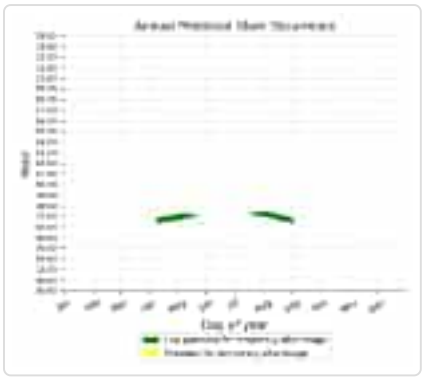


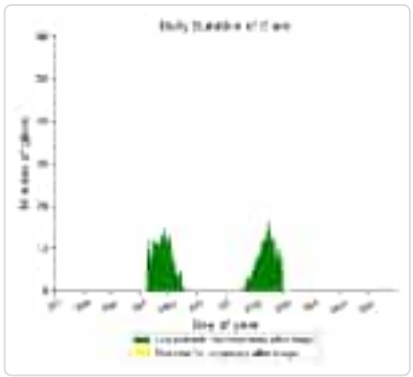


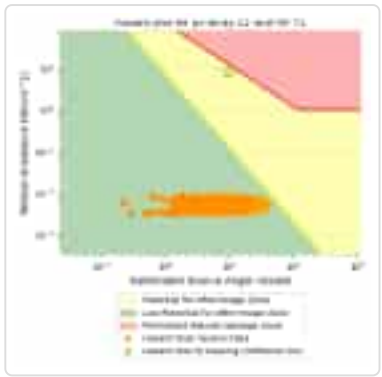
PV array 12: OP 71

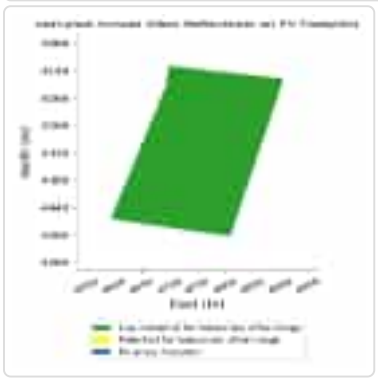
PV array is expected to produce the following glare for this receptor:

- 712 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





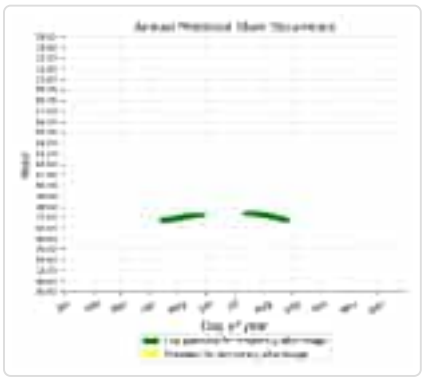


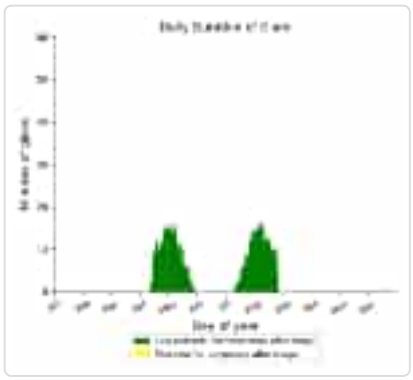


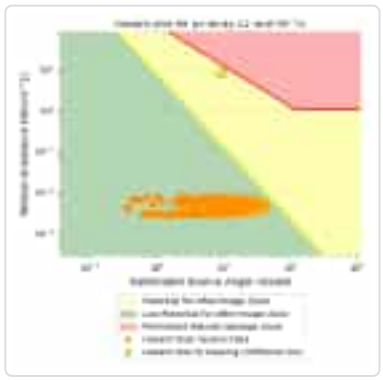
PV array 12: OP 72

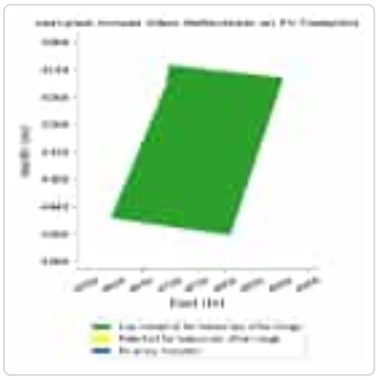
PV array is expected to produce the following glare for this receptor:

- 953 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





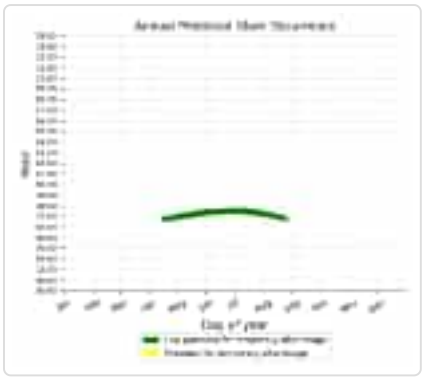


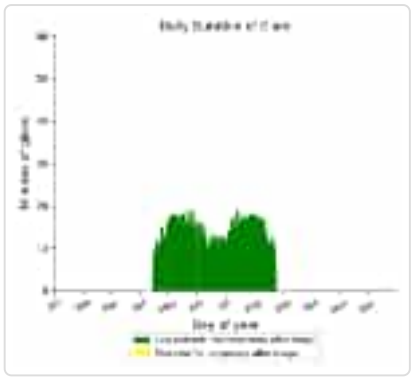


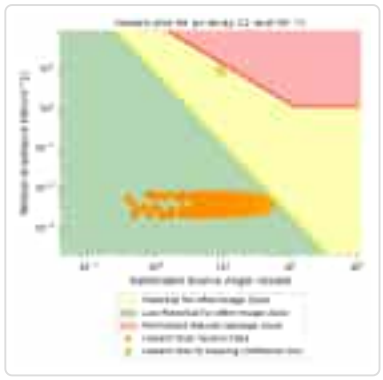
PV array 12: OP 73

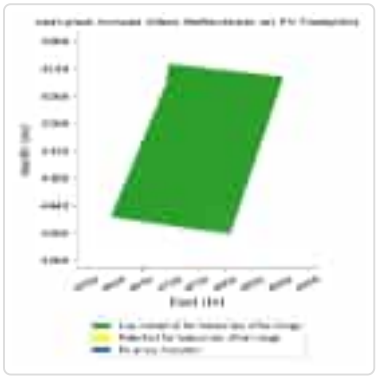
PV array is expected to produce the following glare for this receptor:

- 2,005 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





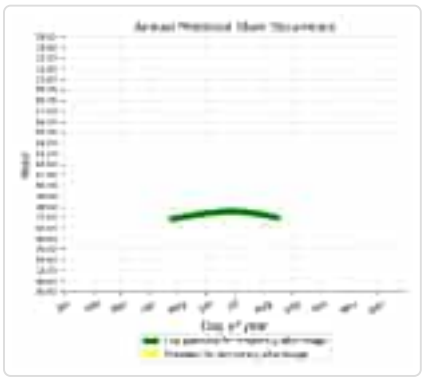
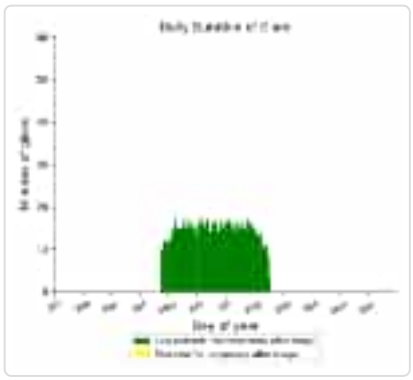
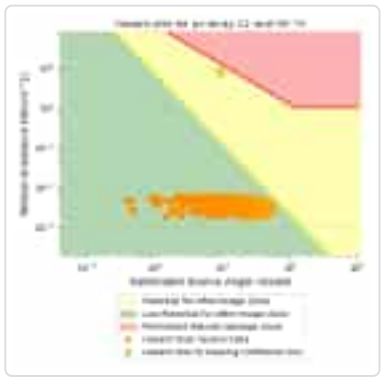
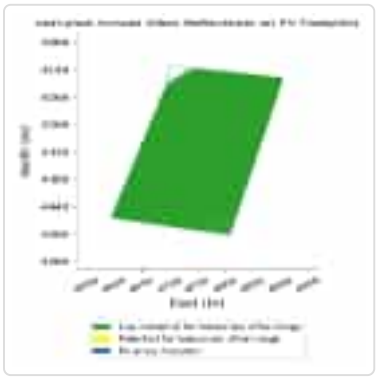




PV array 12: OP 74

PV array is expected to produce the following glare for this receptor:

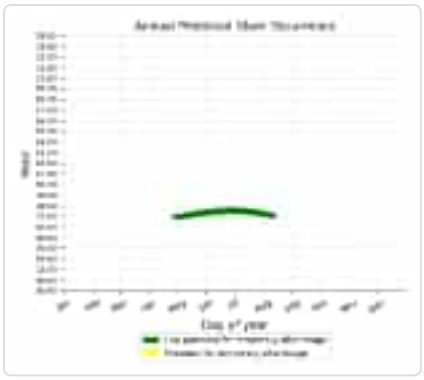
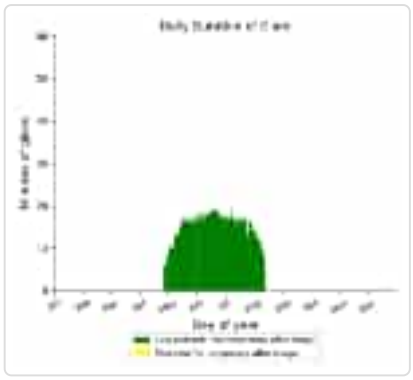
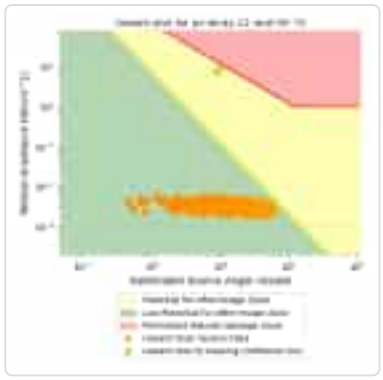
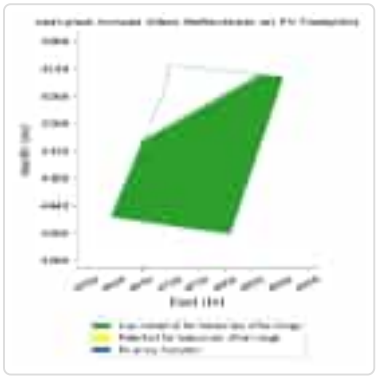
- 1,720 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 12: OP 75

PV array is expected to produce the following glare for this receptor:

- 1,668 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 12: OP 76

No glare found

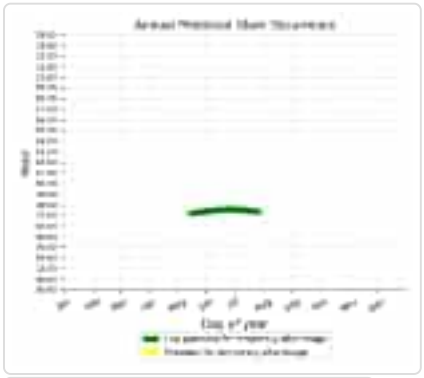
PV array 12: OP 77

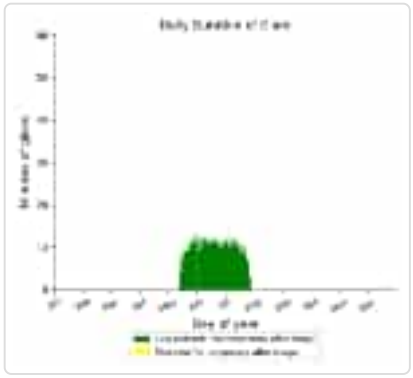
No glare found

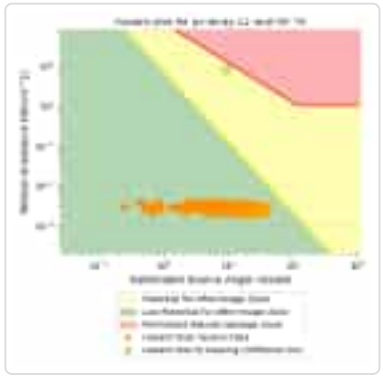
PV array 12: OP 78

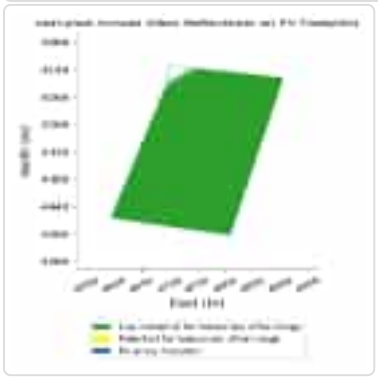
PV array is expected to produce the following glare for this receptor:

- 788 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





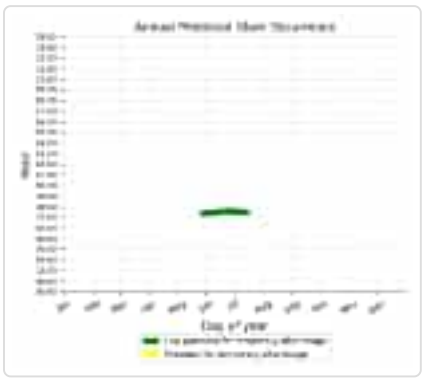


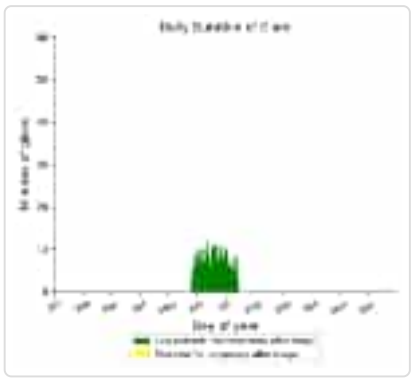


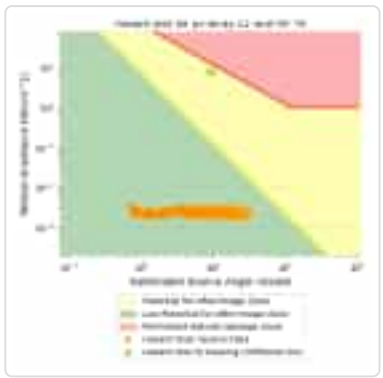
PV array 12: OP 79

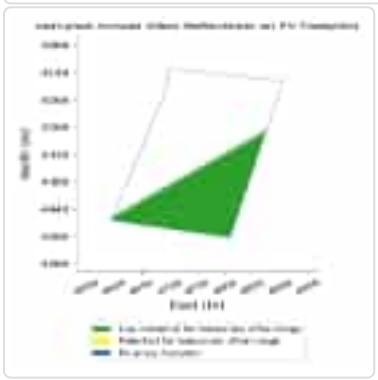
PV array is expected to produce the following glare for this receptor:

- 424 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 13 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0

OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	147	0
OP: OP 65	2629	1262
OP: OP 66	3679	2054
OP: OP 67	67166	7915
OP: OP 68	15514	7062
OP: OP 69	32617	7277
OP: OP 70	21	0
OP: OP 71	0	0
OP: OP 72	3027	124
OP: OP 73	1855	0
OP: OP 74	1584	0
OP: OP 75	1420	0
OP: OP 76	986	0
OP: OP 77	1121	0
OP: OP 78	2543	0
OP: OP 79	2229	0

PV array 13: OP 1

No glare found

PV array 13: OP 2

No glare found

PV array 13: OP 3

No glare found

PV array 13: OP 4

No glare found

PV array 13: OP 5

No glare found

PV array 13: OP 6

No glare found

PV array 13: OP 7

No glare found

PV array 13: OP 8

No glare found

PV array 13: OP 9

No glare found

PV array 13: OP 10

No glare found

PV array 13: OP 11

No glare found

PV array 13: OP 12

No glare found

PV array 13: OP 13

No glare found

PV array 13: OP 14

No glare found

PV array 13: OP 15

No glare found

PV array 13: OP 16

No glare found

PV array 13: OP 17

No glare found

PV array 13: OP 18

No glare found

PV array 13: OP 19

No glare found

PV array 13: OP 20

No glare found

PV array 13: OP 21

No glare found

PV array 13: OP 22

No glare found

PV array 13: OP 23

No glare found

PV array 13: OP 24

No glare found

PV array 13: OP 25

No glare found

PV array 13: OP 26

No glare found

PV array 13: OP 27

No glare found

PV array 13: OP 28

No glare found

PV array 13: OP 29

No glare found

PV array 13: OP 30

No glare found

PV array 13: OP 31

No glare found

PV array 13: OP 32

No glare found

PV array 13: OP 33

No glare found

PV array 13: OP 34

No glare found

PV array 13: OP 35

No glare found

PV array 13: OP 36

No glare found

PV array 13: OP 37

No glare found

PV array 13: OP 38

No glare found

PV array 13: OP 39

No glare found

PV array 13: OP 40

No glare found

PV array 13: OP 41

No glare found

PV array 13: OP 42

No glare found

PV array 13: OP 43

No glare found

PV array 13: OP 44

No glare found

PV array 13: OP 45

No glare found

PV array 13: OP 46

No glare found

PV array 13: OP 47

No glare found

PV array 13: OP 48

No glare found

PV array 13: OP 49

No glare found

PV array 13: OP 50

No glare found

PV array 13: OP 51

No glare found

PV array 13: OP 52

No glare found

PV array 13: OP 53

No glare found

PV array 13: OP 54

No glare found

PV array 13: OP 55

No glare found

PV array 13: OP 56

No glare found

PV array 13: OP 57

No glare found

PV array 13: OP 58

No glare found

PV array 13: OP 59

No glare found

PV array 13: OP 60

No glare found

PV array 13: OP 61

No glare found

PV array 13: OP 62

No glare found

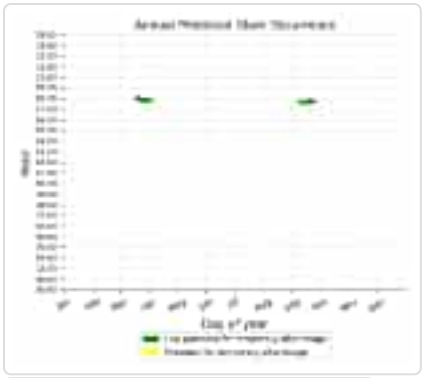
PV array 13: OP 63

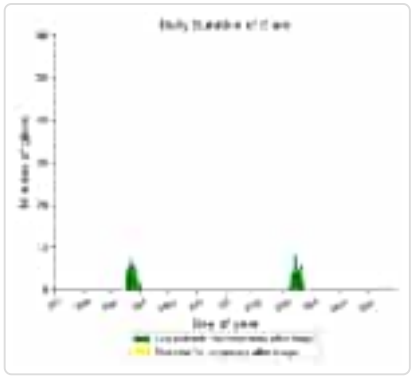
No glare found

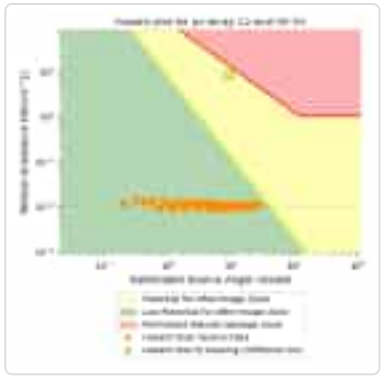
PV array 13: OP 64

PV array is expected to produce the following glare for this receptor:

- 147 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



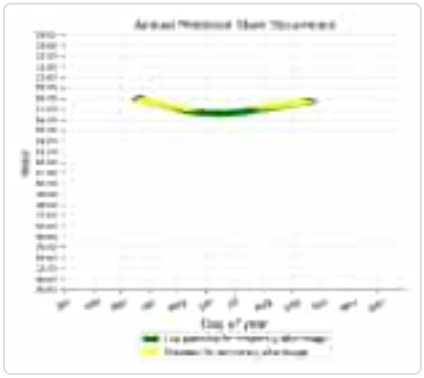


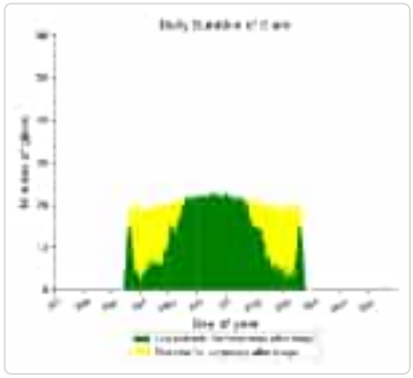


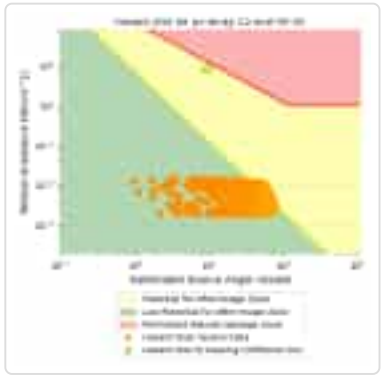
PV array 13: OP 65

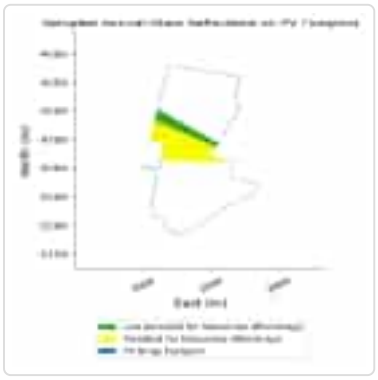
PV array is expected to produce the following glare for this receptor:

- 2,629 minutes of "green" glare with low potential to cause temporary after-image.
- 1,262 minutes of "yellow" glare with potential to cause temporary after-image.





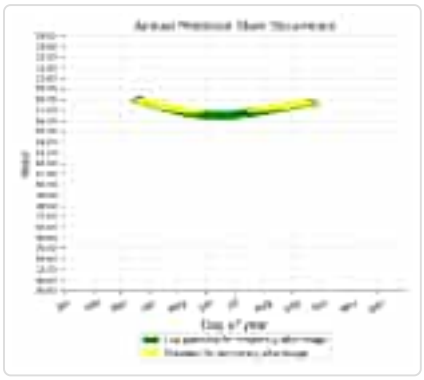


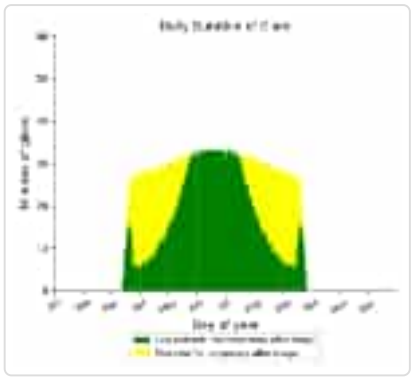


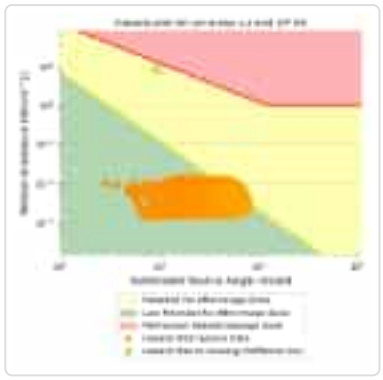
PV array 13: OP 66

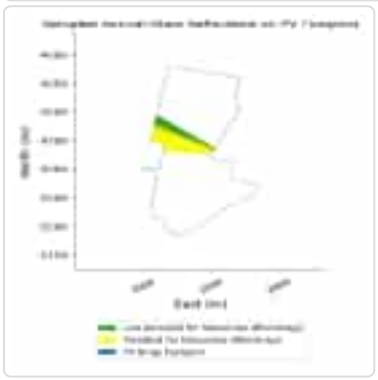
PV array is expected to produce the following glare for this receptor:

- 3,679 minutes of "green" glare with low potential to cause temporary after-image.
- 2,054 minutes of "yellow" glare with potential to cause temporary after-image.





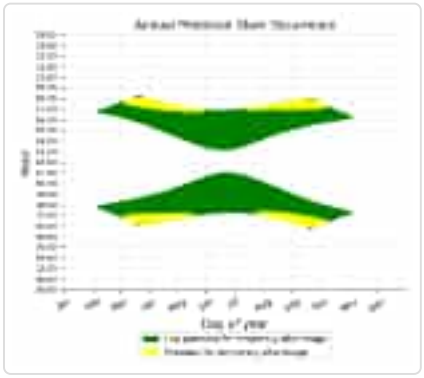


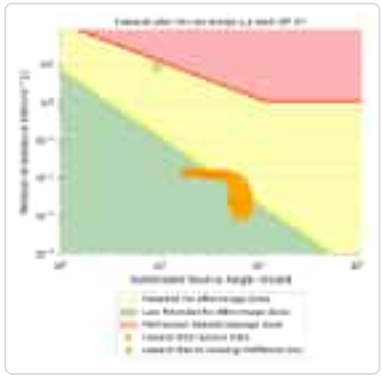


PV array 13: OP 67

PV array is expected to produce the following glare for this receptor:

- 67,166 minutes of "green" glare with low potential to cause temporary after-image.
- 7,915 minutes of "yellow" glare with potential to cause temporary after-image.

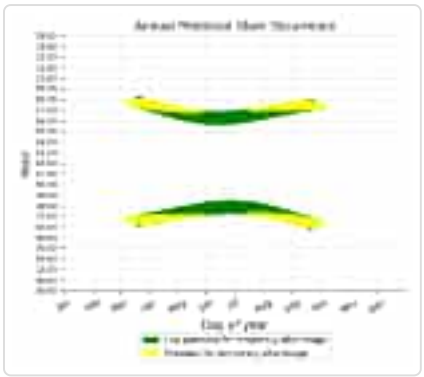


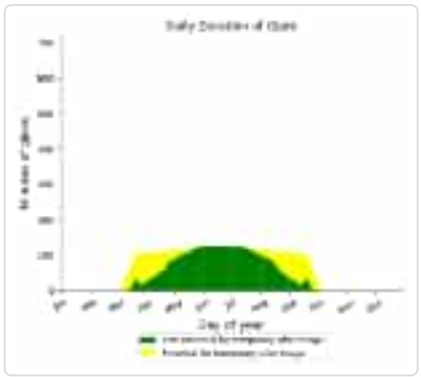


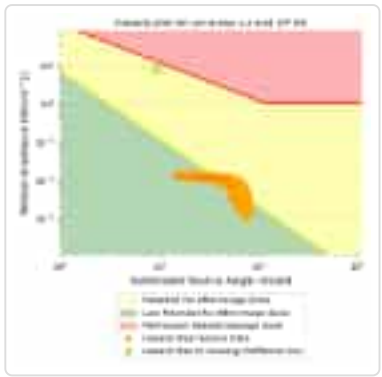
PV array 13: OP 68

PV array is expected to produce the following glare for this receptor:

- 15,514 minutes of "green" glare with low potential to cause temporary after-image.
- 7,062 minutes of "yellow" glare with potential to cause temporary after-image.



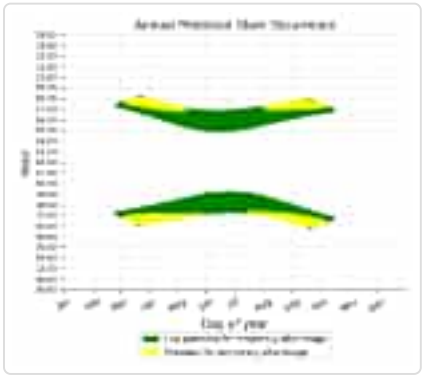


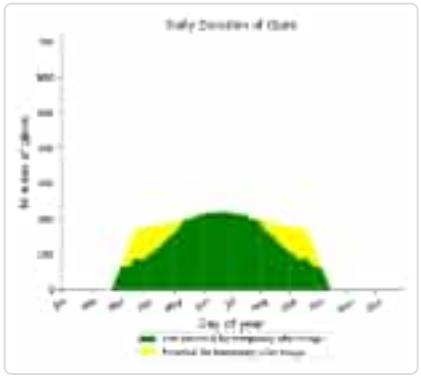


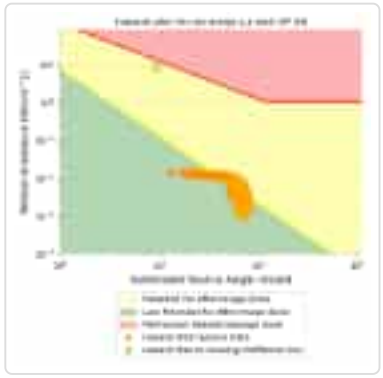
PV array 13: OP 69

PV array is expected to produce the following glare for this receptor:

- 32,617 minutes of "green" glare with low potential to cause temporary after-image.
- 7,277 minutes of "yellow" glare with potential to cause temporary after-image.



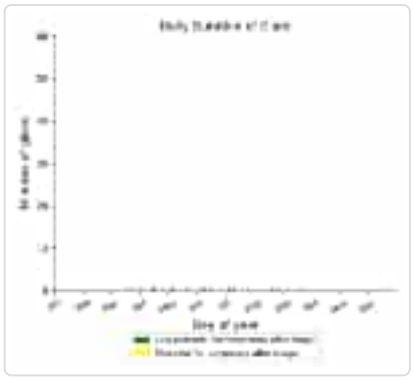


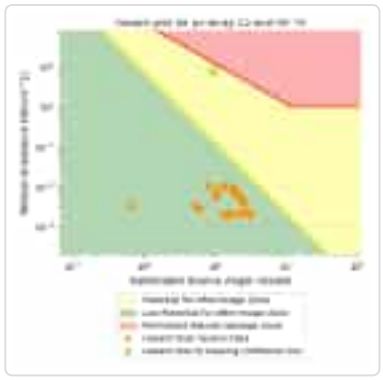


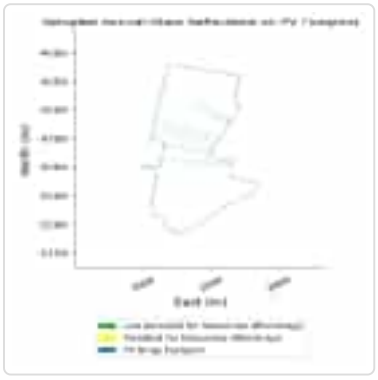
PV array 13: OP 70

PV array is expected to produce the following glare for this receptor:

- 21 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







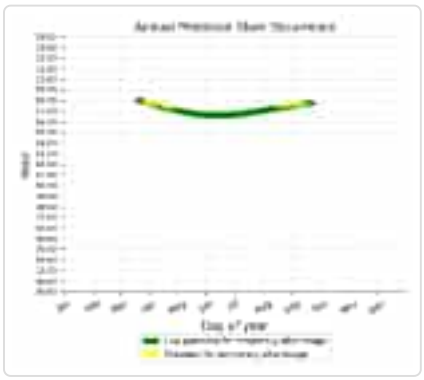
PV array 13: OP 71

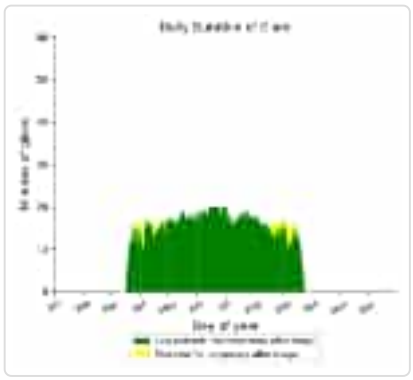
No glare found

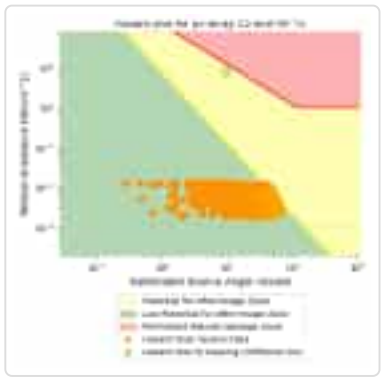
PV array 13: OP 72

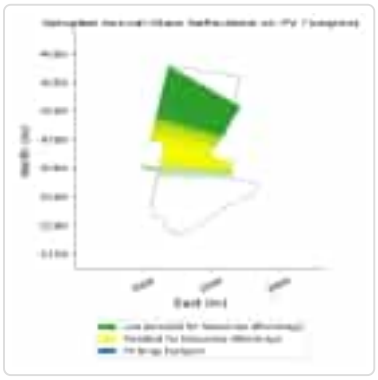
PV array is expected to produce the following glare for this receptor:

- 3,027 minutes of "green" glare with low potential to cause temporary after-image.
- 124 minutes of "yellow" glare with potential to cause temporary after-image.





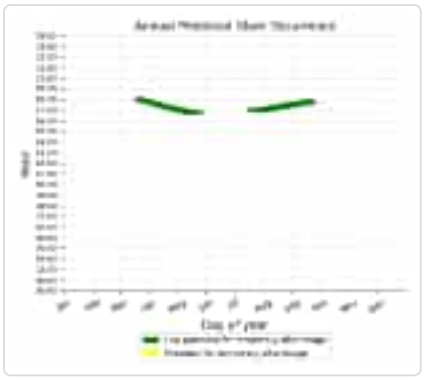


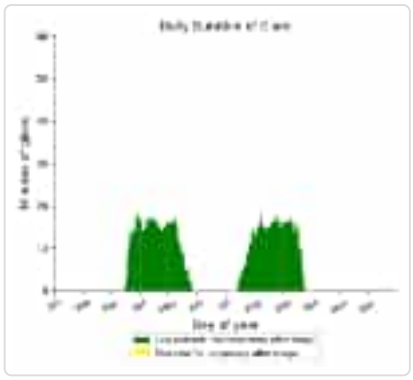


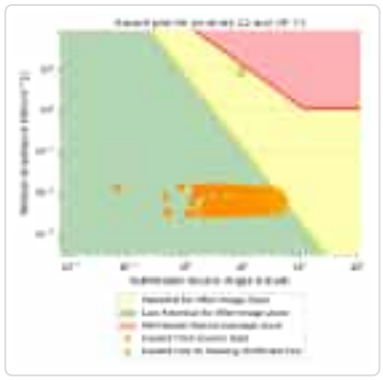
PV array 13: OP 73

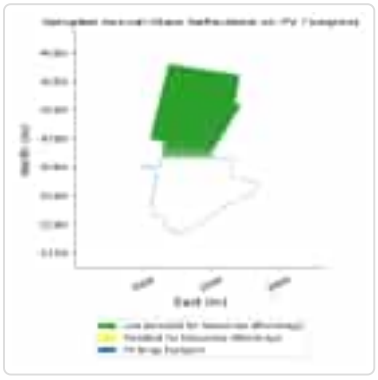
PV array is expected to produce the following glare for this receptor:

- 1,855 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





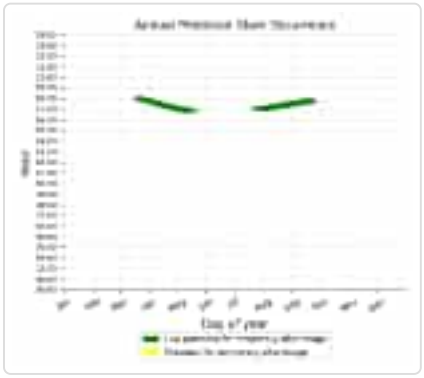


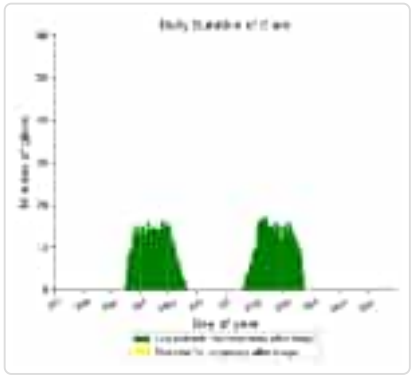


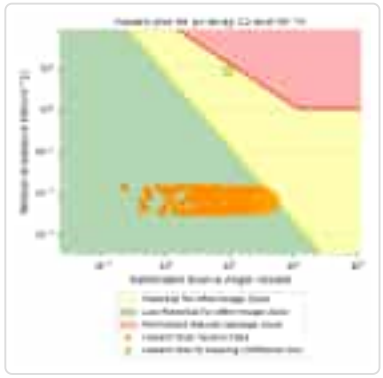
PV array 13: OP 74

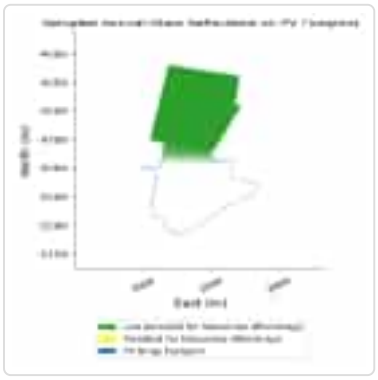
PV array is expected to produce the following glare for this receptor:

- 1,584 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





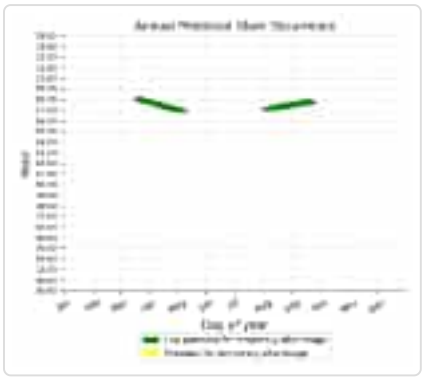


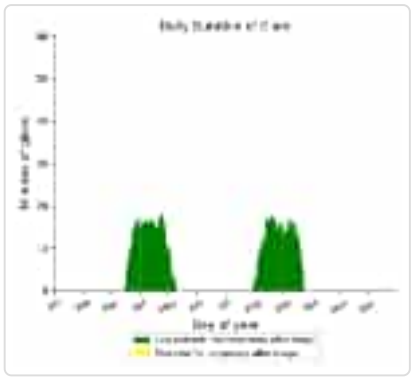


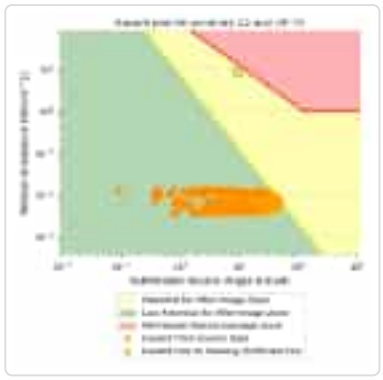
PV array 13: OP 75

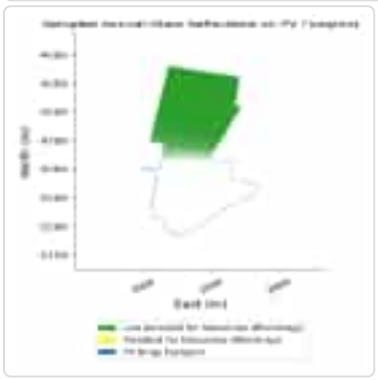
PV array is expected to produce the following glare for this receptor:

- 1,420 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





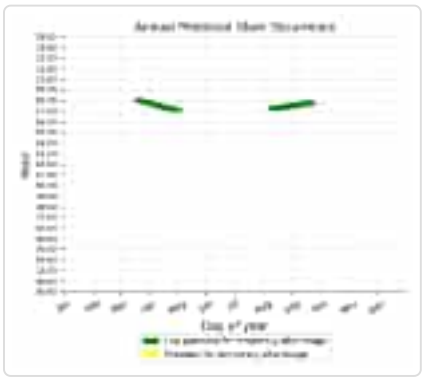


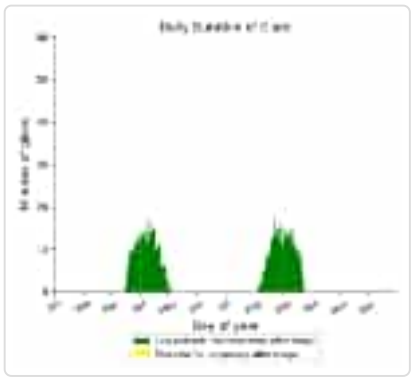


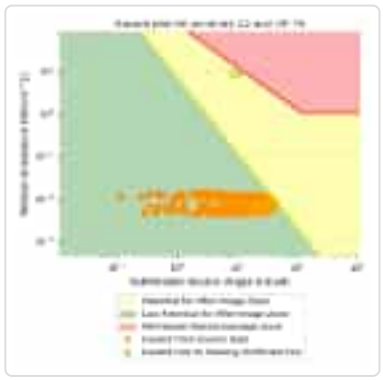
PV array 13: OP 76

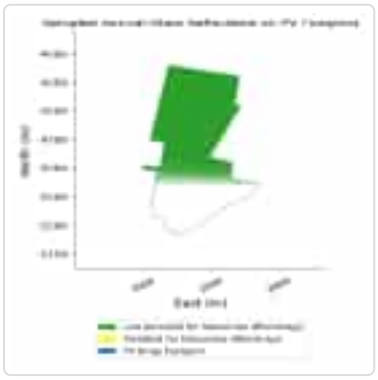
PV array is expected to produce the following glare for this receptor:

- 986 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





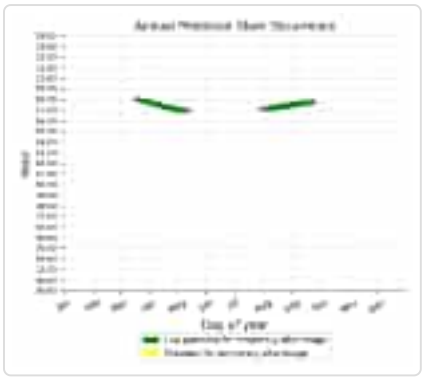


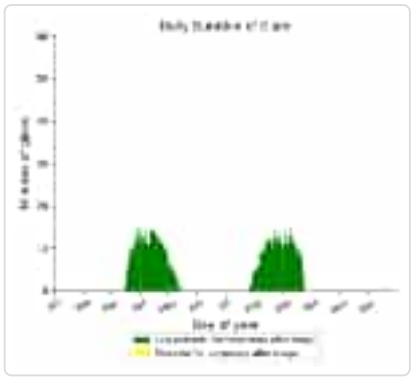


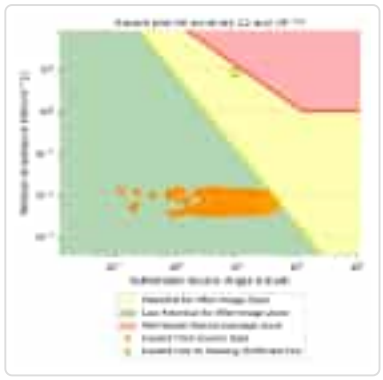
PV array 13: OP 77

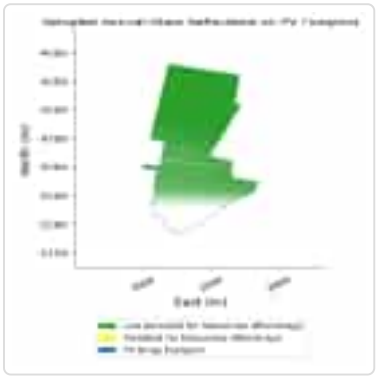
PV array is expected to produce the following glare for this receptor:

- 1,121 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





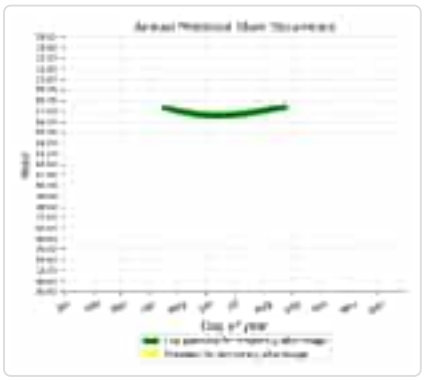


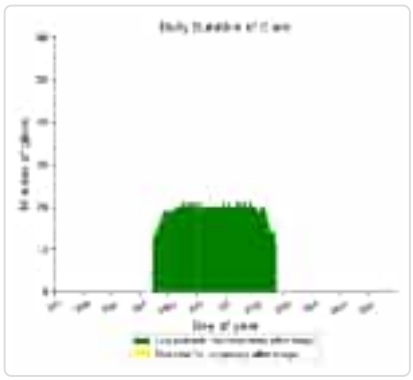


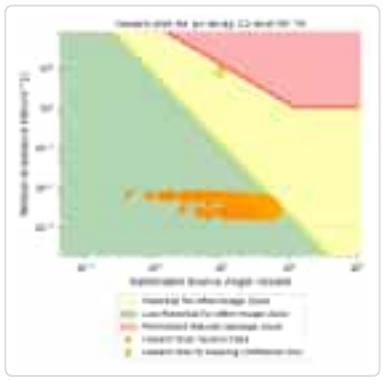
PV array 13: OP 78

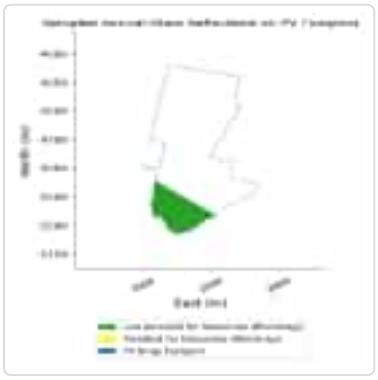
PV array is expected to produce the following glare for this receptor:

- 2,543 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





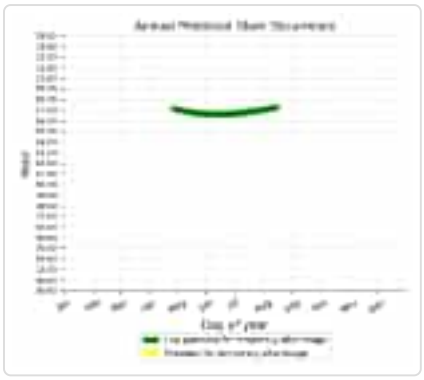


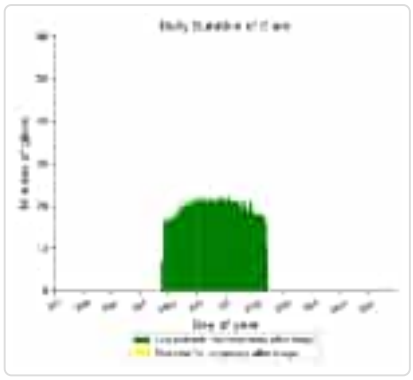


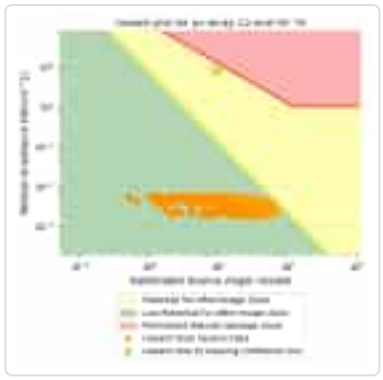
PV array 13: OP 79

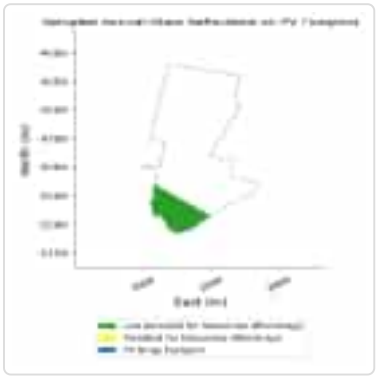
PV array is expected to produce the following glare for this receptor:

- 2,229 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)

OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0

OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	949	421
OP: OP 64	3029	529
OP: OP 65	2136	0
OP: OP 66	2879	66
OP: OP 67	2615	99
OP: OP 68	0	0
OP: OP 69	62	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	241	0
OP: OP 73	2600	0
OP: OP 74	2477	0
OP: OP 75	2439	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

PV array 14: OP 1

No glare found

PV array 14: OP 2

No glare found

PV array 14: OP 3

No glare found

PV array 14: OP 4

No glare found

PV array 14: OP 5

No glare found

PV array 14: OP 6

No glare found

PV array 14: OP 7

No glare found

PV array 14: OP 8

No glare found

PV array 14: OP 9

No glare found

PV array 14: OP 10

No glare found

PV array 14: OP 11

No glare found

PV array 14: OP 12

No glare found

PV array 14: OP 13

No glare found

PV array 14: OP 14

No glare found

PV array 14: OP 15

No glare found

PV array 14: OP 16

No glare found

PV array 14: OP 17

No glare found

PV array 14: OP 18

No glare found

PV array 14: OP 19

No glare found

PV array 14: OP 20

No glare found

PV array 14: OP 21

No glare found

PV array 14: OP 22

No glare found

PV array 14: OP 23

No glare found

PV array 14: OP 24

No glare found

PV array 14: OP 25

No glare found

PV array 14: OP 26

No glare found

PV array 14: OP 27

No glare found

PV array 14: OP 28

No glare found

PV array 14: OP 29

No glare found

PV array 14: OP 30

No glare found

PV array 14: OP 31

No glare found

PV array 14: OP 32

No glare found

PV array 14: OP 33

No glare found

PV array 14: OP 34

No glare found

PV array 14: OP 35

No glare found

PV array 14: OP 36

No glare found

PV array 14: OP 37

No glare found

PV array 14: OP 38

No glare found

PV array 14: OP 39

No glare found

PV array 14: OP 40

No glare found

PV array 14: OP 41

No glare found

PV array 14: OP 42

No glare found

PV array 14: OP 43

No glare found

PV array 14: OP 44

No glare found

PV array 14: OP 45

No glare found

PV array 14: OP 46

No glare found

PV array 14: OP 47

No glare found

PV array 14: OP 48

No glare found

PV array 14: OP 49

No glare found

PV array 14: OP 50

No glare found

PV array 14: OP 51

No glare found

PV array 14: OP 52

No glare found

PV array 14: OP 53

No glare found

PV array 14: OP 54

No glare found

PV array 14: OP 55

No glare found

PV array 14: OP 56

No glare found

PV array 14: OP 57

No glare found

PV array 14: OP 58

No glare found

PV array 14: OP 59

No glare found

PV array 14: OP 60

No glare found

PV array 14: OP 61

No glare found

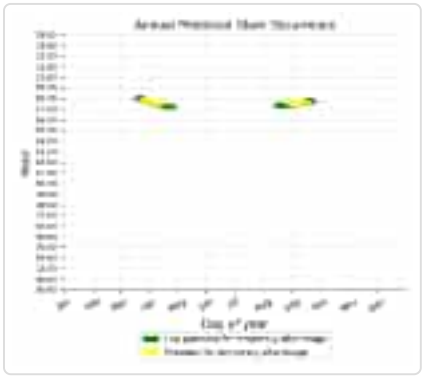
PV array 14: OP 62

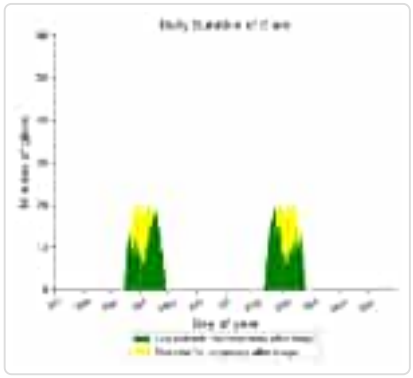
No glare found

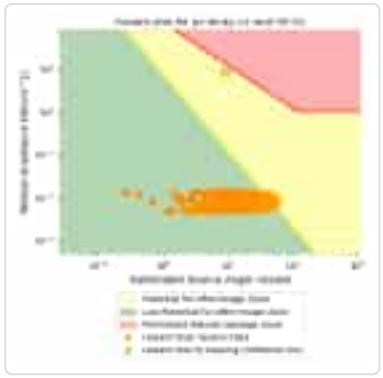
PV array 14: OP 63

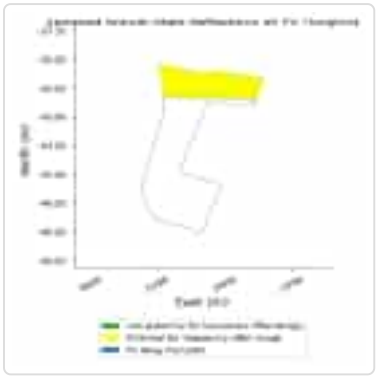
PV array is expected to produce the following glare for this receptor:

- 949 minutes of "green" glare with low potential to cause temporary after-image.
- 421 minutes of "yellow" glare with potential to cause temporary after-image.





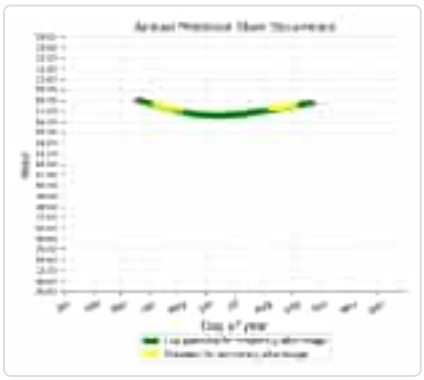


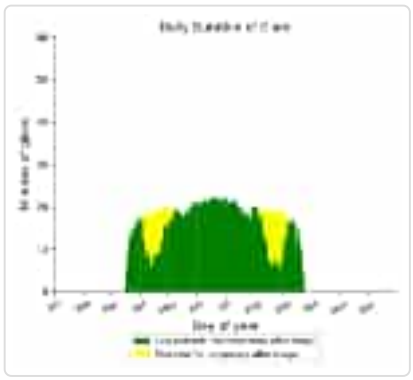


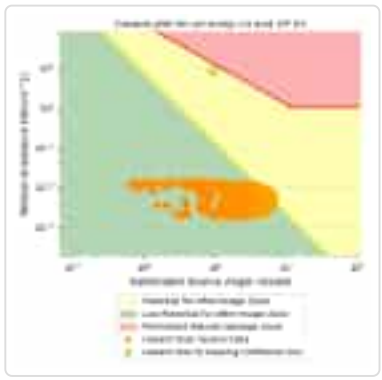
PV array 14: OP 64

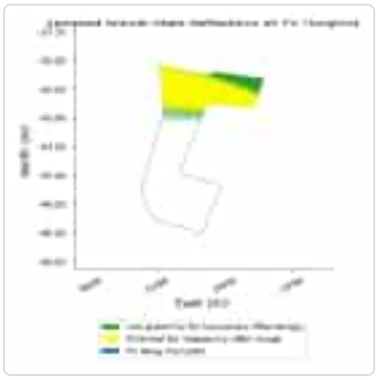
PV array is expected to produce the following glare for this receptor:

- 3,029 minutes of "green" glare with low potential to cause temporary after-image.
- 529 minutes of "yellow" glare with potential to cause temporary after-image.





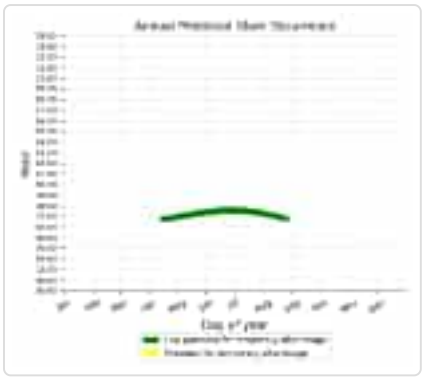


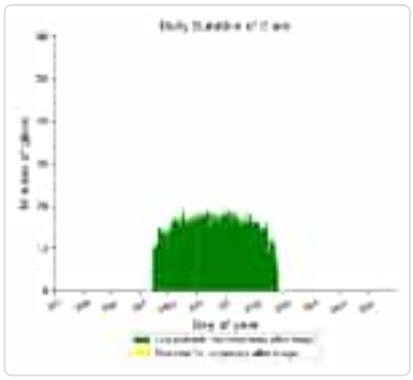


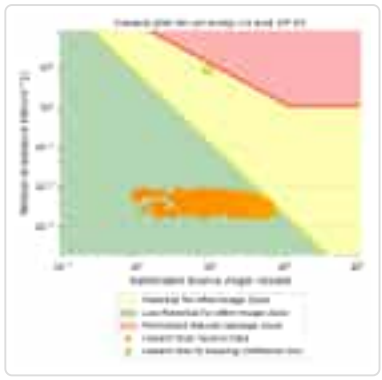
PV array 14: OP 65

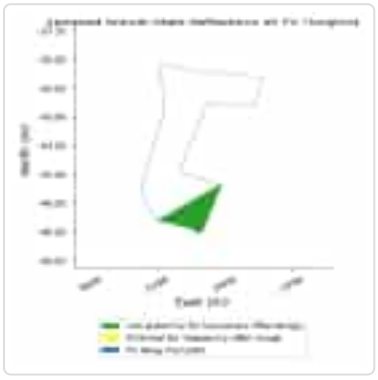
PV array is expected to produce the following glare for this receptor:

- 2,136 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





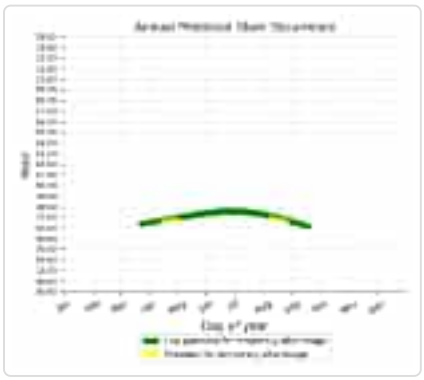


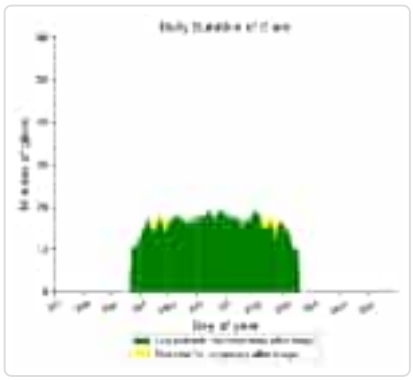


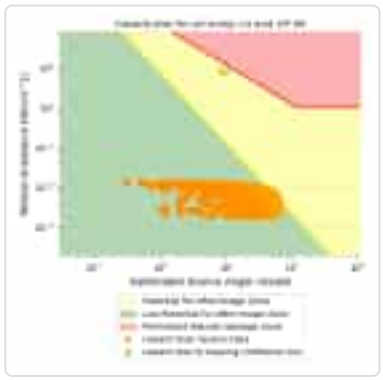
PV array 14: OP 66

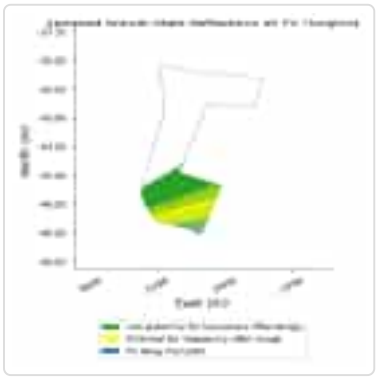
PV array is expected to produce the following glare for this receptor:

- 2,879 minutes of "green" glare with low potential to cause temporary after-image.
- 66 minutes of "yellow" glare with potential to cause temporary after-image.





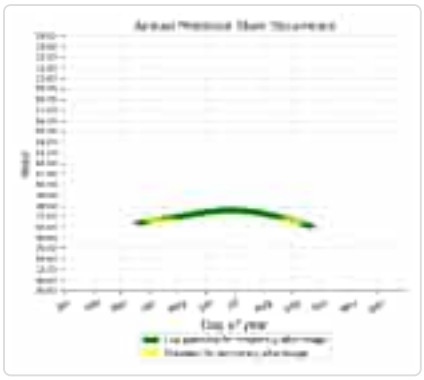


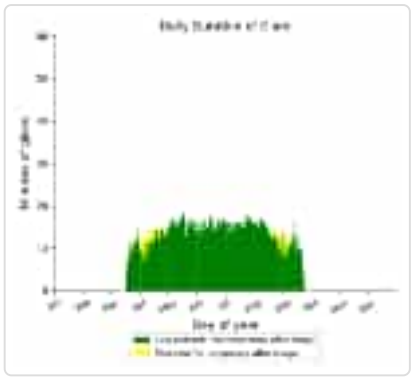


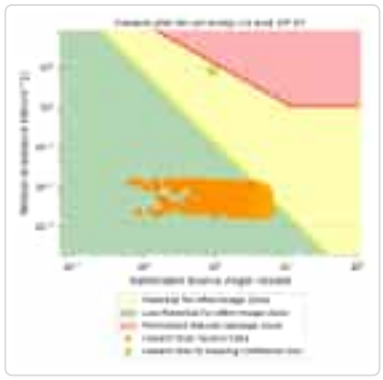
PV array 14: OP 67

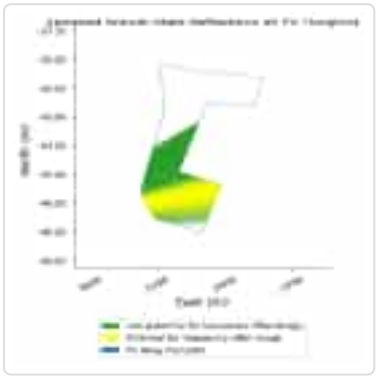
PV array is expected to produce the following glare for this receptor:

- 2,615 minutes of "green" glare with low potential to cause temporary after-image.
- 99 minutes of "yellow" glare with potential to cause temporary after-image.









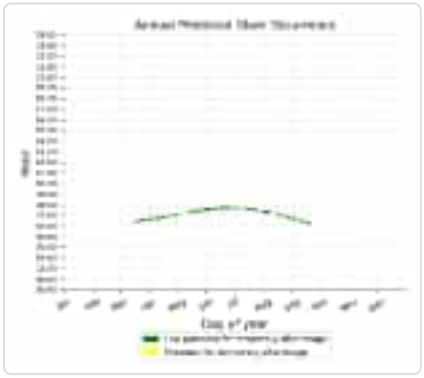
PV array 14: OP 68

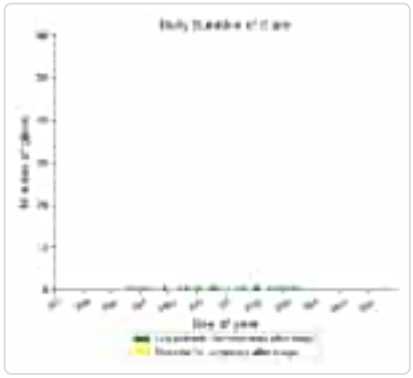
No glare found

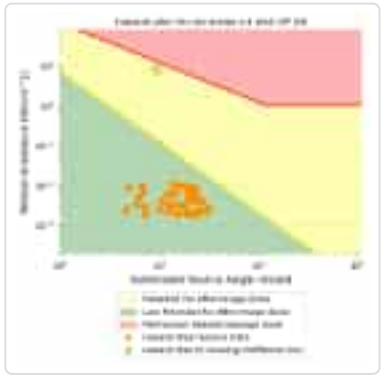
PV array 14: OP 69

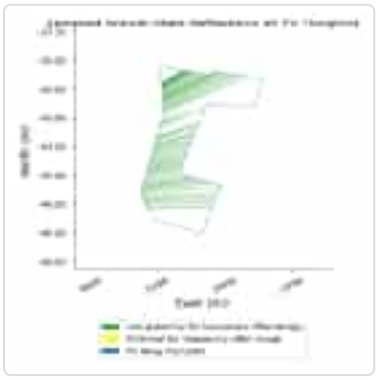
PV array is expected to produce the following glare for this receptor:

- 62 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14: OP 70

No glare found

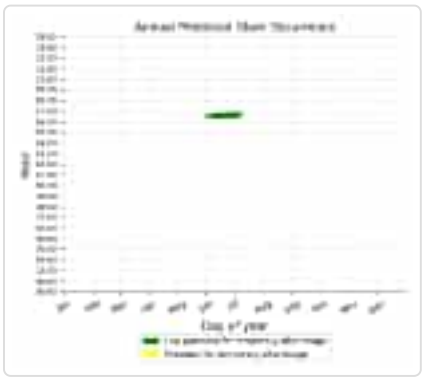
PV array 14: OP 71

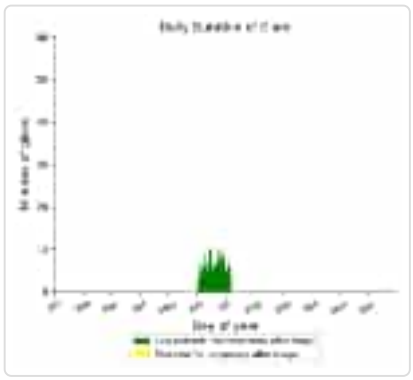
No glare found

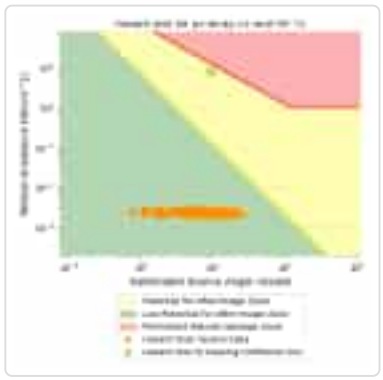
PV array 14: OP 72

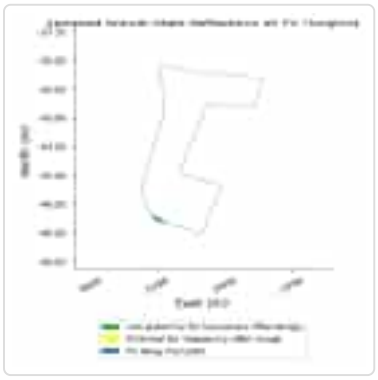
PV array is expected to produce the following glare for this receptor:

- 241 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





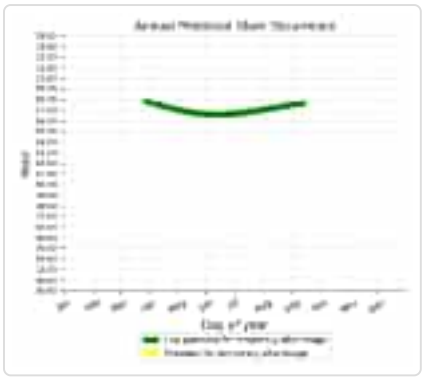


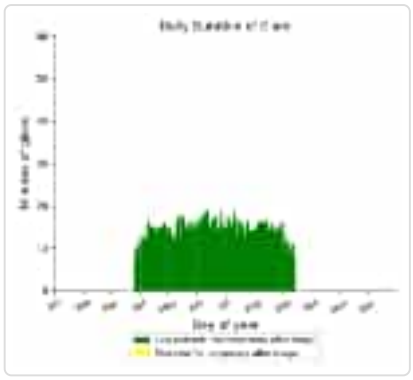


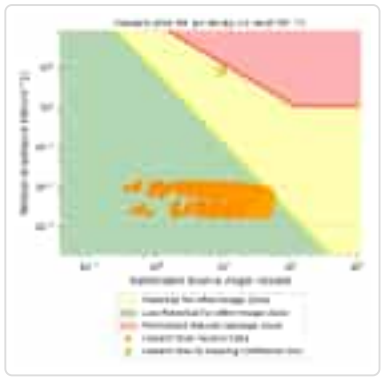
PV array 14: OP 73

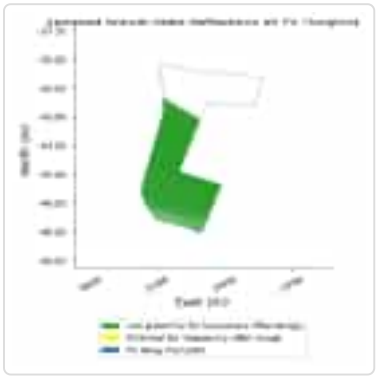
PV array is expected to produce the following glare for this receptor:

- 2,600 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





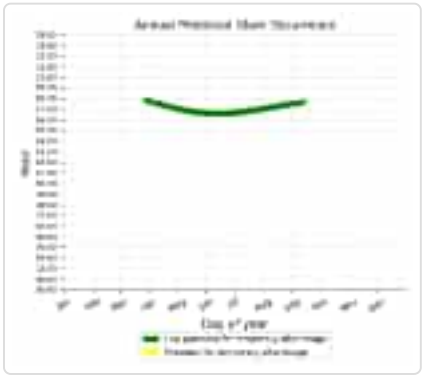
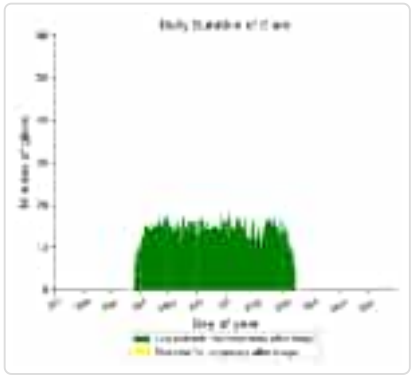
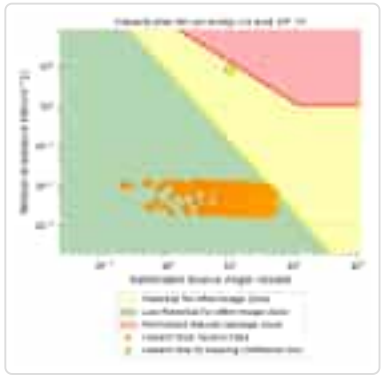
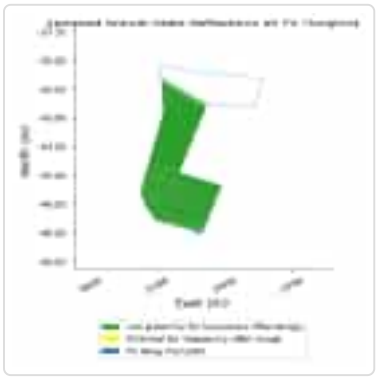




PV array 14: OP 74

PV array is expected to produce the following glare for this receptor:

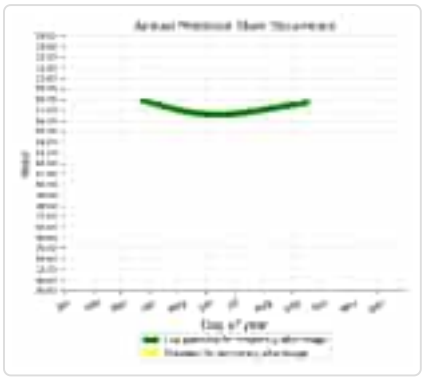
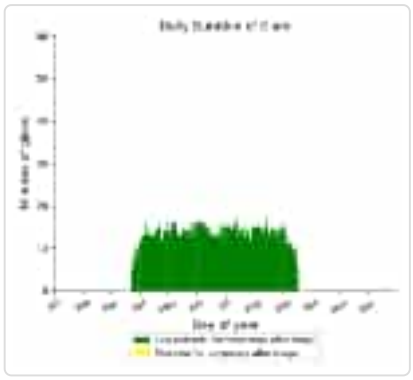
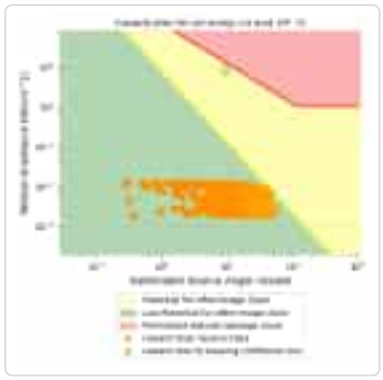
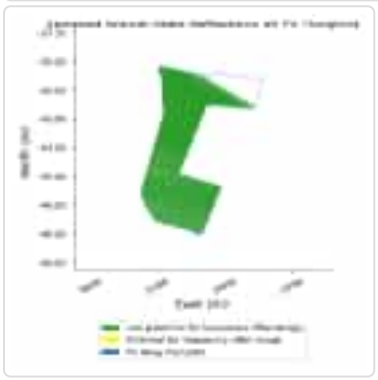
- 2,477 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 14: OP 75

PV array is expected to produce the following glare for this receptor:

- 2,439 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 14: OP 76

No glare found

PV array 14: OP 77

No glare found

PV array 14: OP 78

No glare found

PV array 14: OP 79

No glare found

PV array 15 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0

OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	3304	120
OP: OP 66	1844	0
OP: OP 67	1042	0
OP: OP 68	614	0
OP: OP 69	528	0
OP: OP 70	1747	1434
OP: OP 71	1706	809
OP: OP 72	2467	0
OP: OP 73	1729	0
OP: OP 74	1240	0
OP: OP 75	28	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

PV array 15: OP 1

No glare found

PV array 15: OP 2

No glare found

PV array 15: OP 3

No glare found

PV array 15: OP 4

No glare found

PV array 15: OP 5

No glare found

PV array 15: OP 6

No glare found

PV array 15: OP 7

No glare found

PV array 15: OP 8

No glare found

PV array 15: OP 9

No glare found

PV array 15: OP 10

No glare found

PV array 15: OP 11

No glare found

PV array 15: OP 12

No glare found

PV array 15: OP 13

No glare found

PV array 15: OP 14

No glare found

PV array 15: OP 15

No glare found

PV array 15: OP 16

No glare found

PV array 15: OP 17

No glare found

PV array 15: OP 18

No glare found

PV array 15: OP 19

No glare found

PV array 15: OP 20

No glare found

PV array 15: OP 21

No glare found

PV array 15: OP 22

No glare found

PV array 15: OP 23

No glare found

PV array 15: OP 24

No glare found

PV array 15: OP 25

No glare found

PV array 15: OP 26

No glare found

PV array 15: OP 27

No glare found

PV array 15: OP 28

No glare found

PV array 15: OP 29

No glare found

PV array 15: OP 30

No glare found

PV array 15: OP 31

No glare found

PV array 15: OP 32

No glare found

PV array 15: OP 33

No glare found

PV array 15: OP 34

No glare found

PV array 15: OP 35

No glare found

PV array 15: OP 36

No glare found

PV array 15: OP 37

No glare found

PV array 15: OP 38

No glare found

PV array 15: OP 39

No glare found

PV array 15: OP 40

No glare found

PV array 15: OP 41

No glare found

PV array 15: OP 42

No glare found

PV array 15: OP 43

No glare found

PV array 15: OP 44

No glare found

PV array 15: OP 45

No glare found

PV array 15: OP 46

No glare found

PV array 15: OP 47

No glare found

PV array 15: OP 48

No glare found

PV array 15: OP 49

No glare found

PV array 15: OP 50

No glare found

PV array 15: OP 51

No glare found

PV array 15: OP 52

No glare found

PV array 15: OP 53

No glare found

PV array 15: OP 54

No glare found

PV array 15: OP 55

No glare found

PV array 15: OP 56

No glare found

PV array 15: OP 57

No glare found

PV array 15: OP 58

No glare found

PV array 15: OP 59

No glare found

PV array 15: OP 60

No glare found

PV array 15: OP 61

No glare found

PV array 15: OP 62

No glare found

PV array 15: OP 63

No glare found

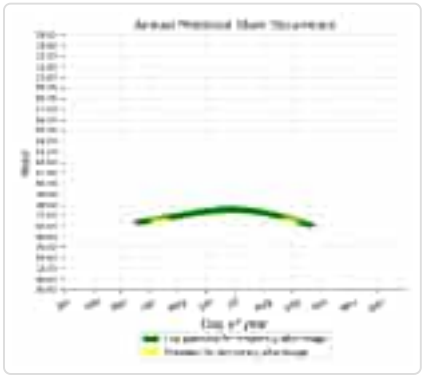
PV array 15: OP 64

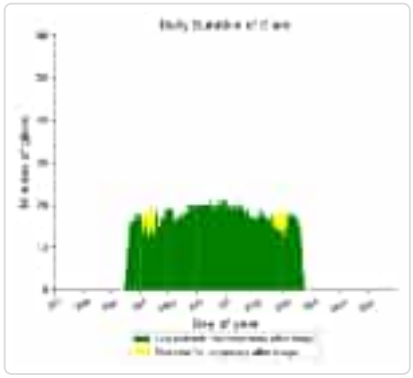
No glare found

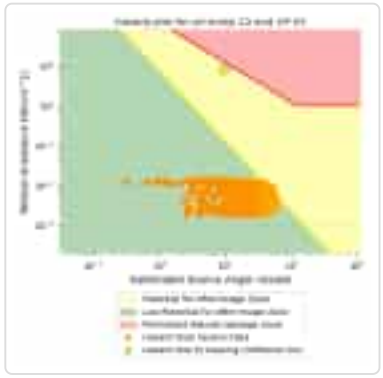
PV array 15: OP 65

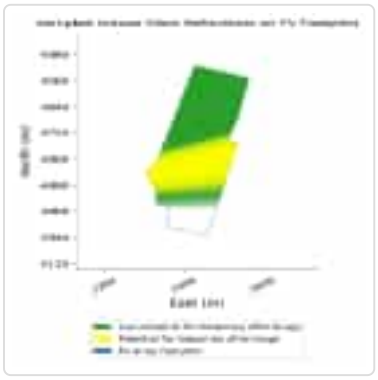
PV array is expected to produce the following glare for this receptor:

- 3,304 minutes of "green" glare with low potential to cause temporary after-image.
- 120 minutes of "yellow" glare with potential to cause temporary after-image.





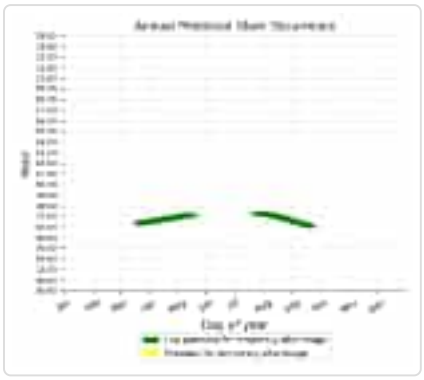


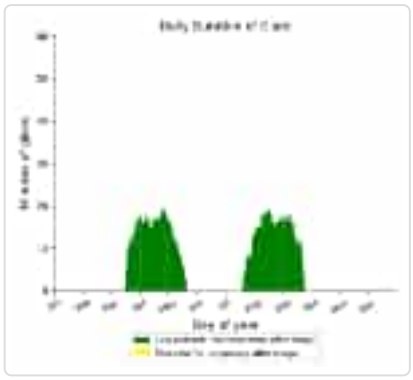


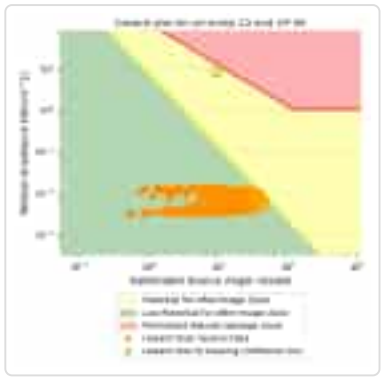
PV array 15: OP 66

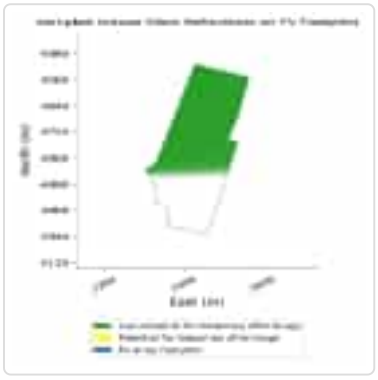
PV array is expected to produce the following glare for this receptor:

- 1,844 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





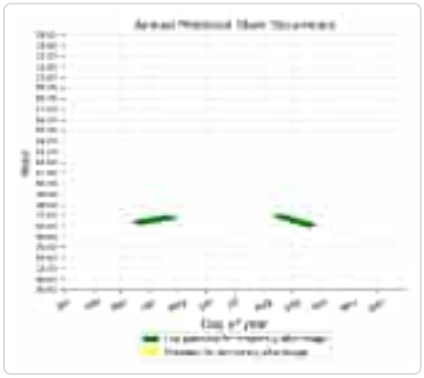


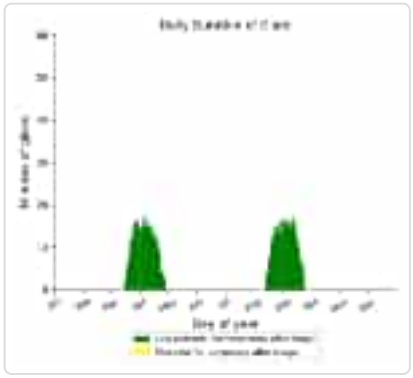


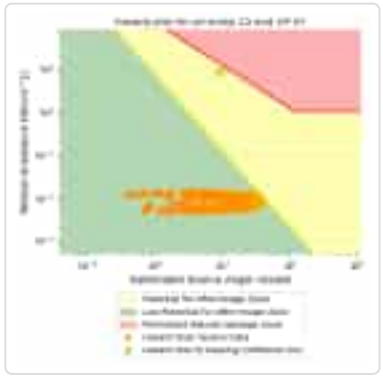
PV array 15: OP 67

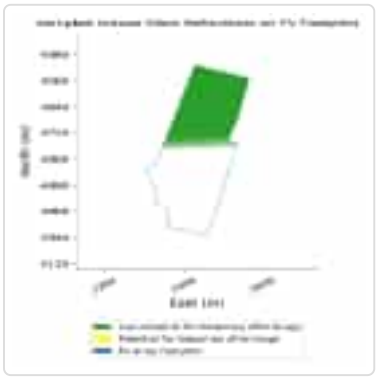
PV array is expected to produce the following glare for this receptor:

- 1,042 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





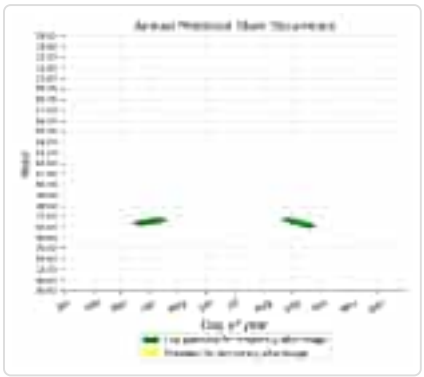


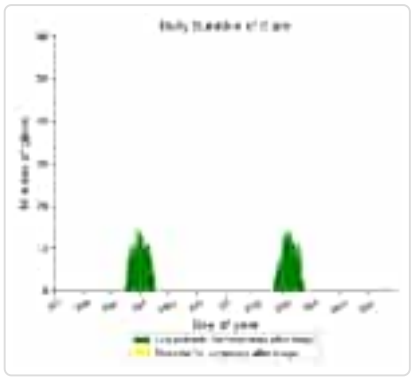


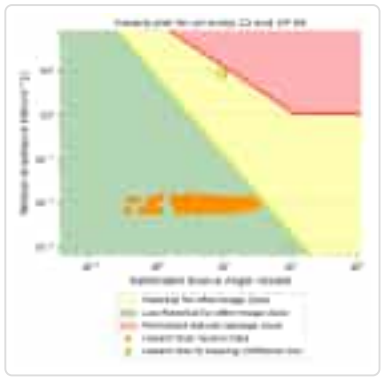
PV array 15: OP 68

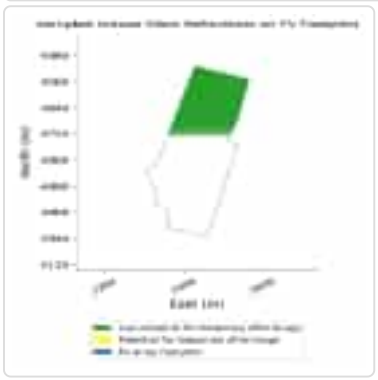
PV array is expected to produce the following glare for this receptor:

- 614 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





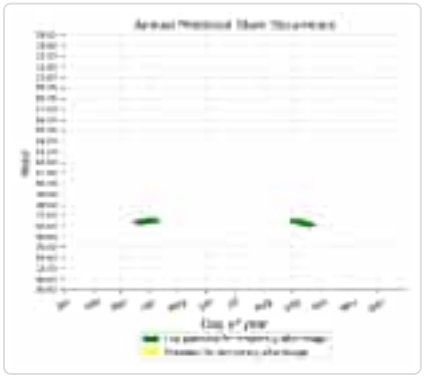


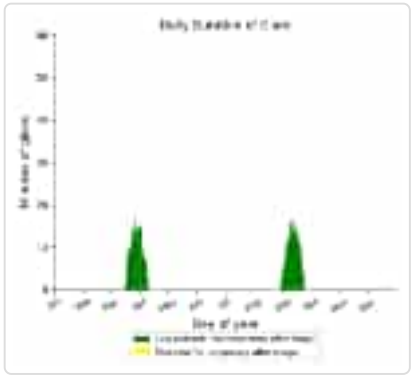


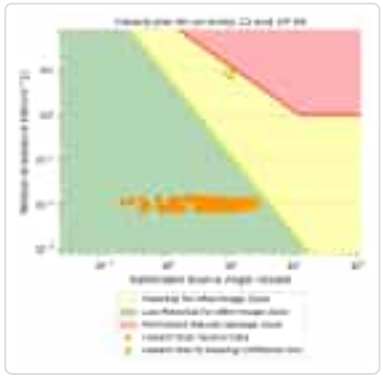
PV array 15: OP 69

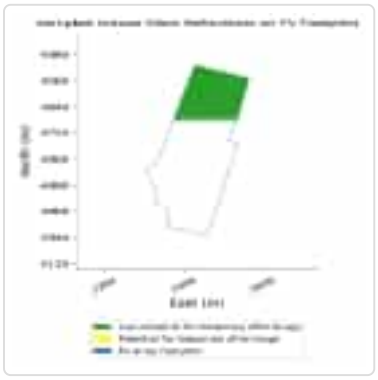
PV array is expected to produce the following glare for this receptor:

- 528 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





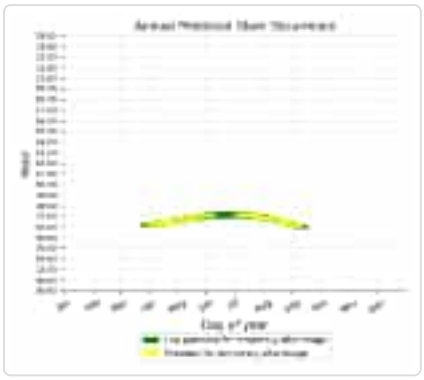


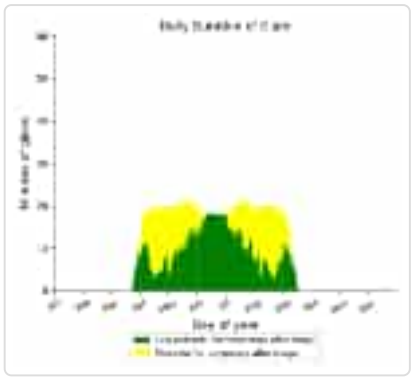


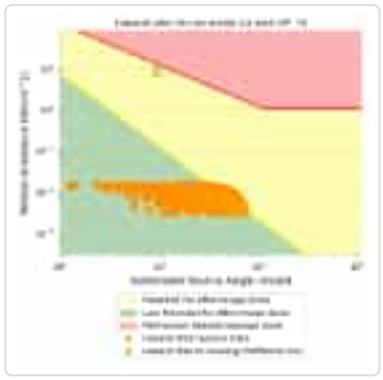
PV array 15: OP 70

PV array is expected to produce the following glare for this receptor:

- 1,747 minutes of "green" glare with low potential to cause temporary after-image.
- 1,434 minutes of "yellow" glare with potential to cause temporary after-image.



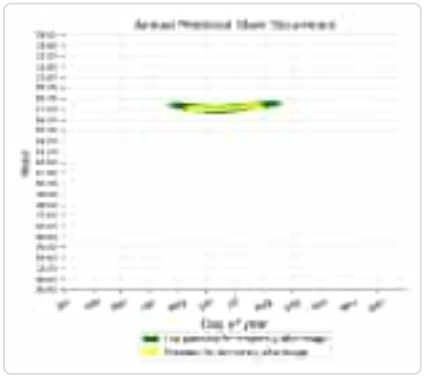


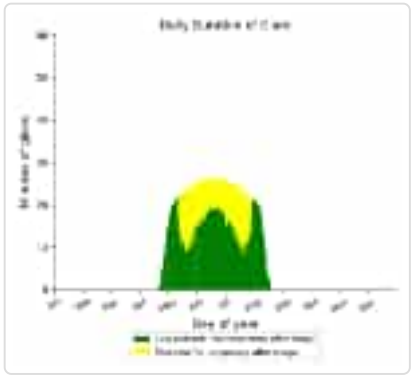


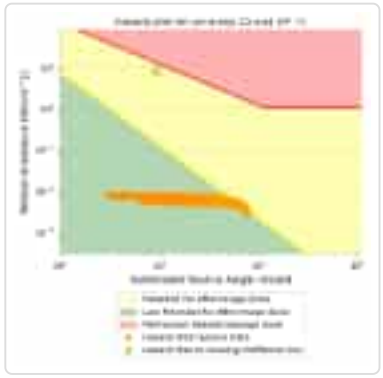
PV array 15: OP 71

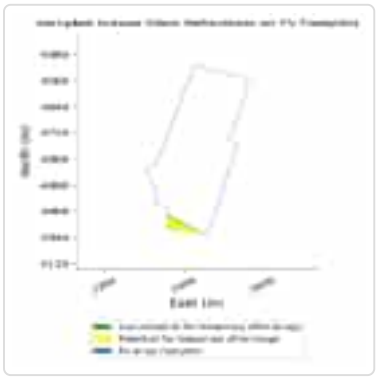
PV array is expected to produce the following glare for this receptor:

- 1,706 minutes of "green" glare with low potential to cause temporary after-image.
- 809 minutes of "yellow" glare with potential to cause temporary after-image.





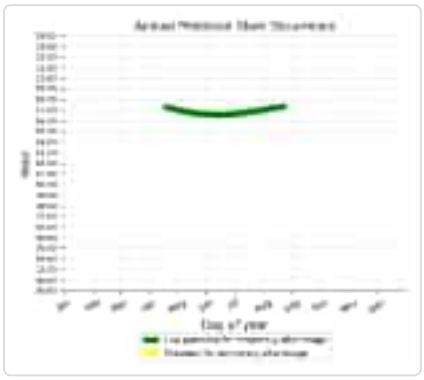


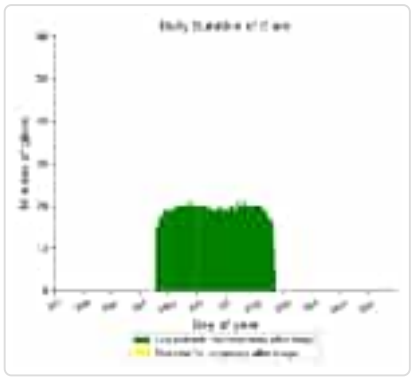


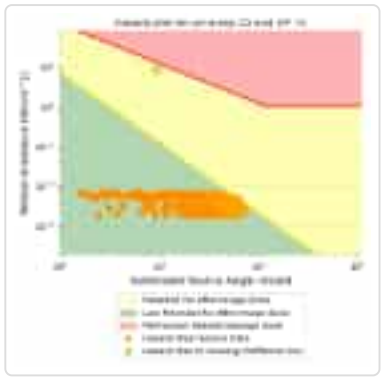
PV array 15: OP 72

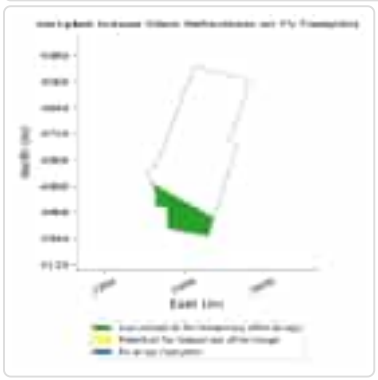
PV array is expected to produce the following glare for this receptor:

- 2,467 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





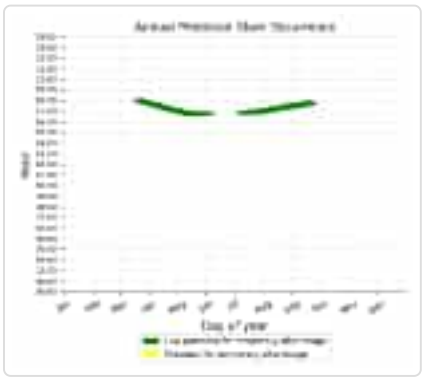


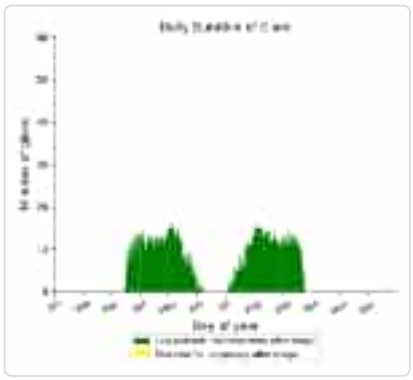


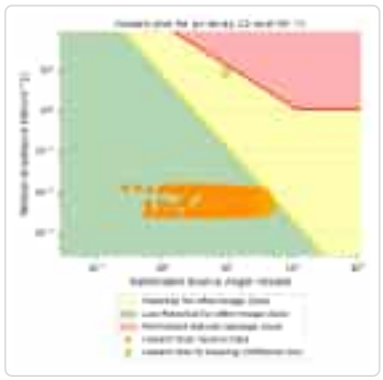
PV array 15: OP 73

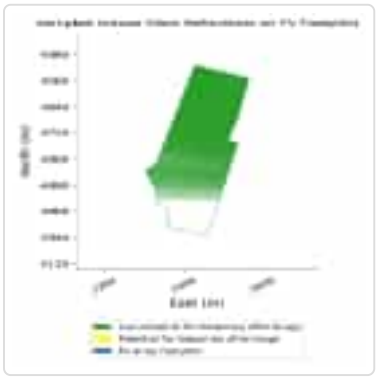
PV array is expected to produce the following glare for this receptor:

- 1,729 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





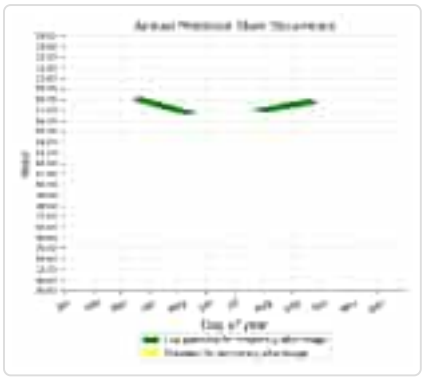


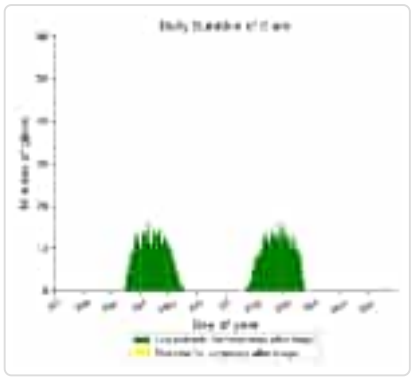


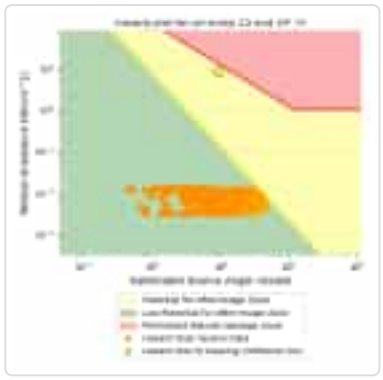
PV array 15: OP 74

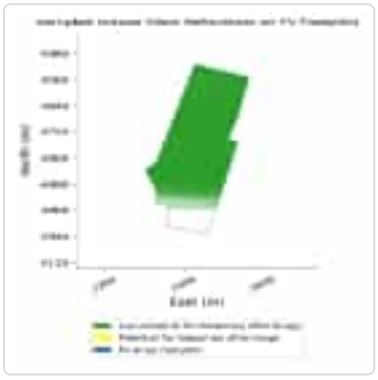
PV array is expected to produce the following glare for this receptor:

- 1,240 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





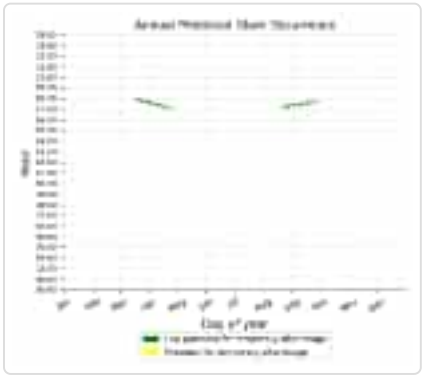


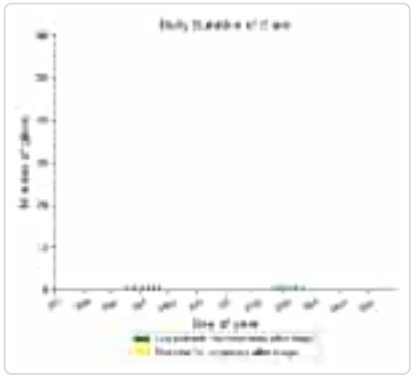


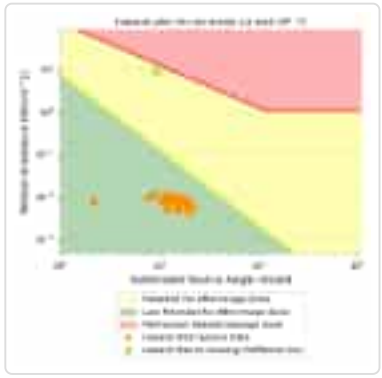
PV array 15: OP 75

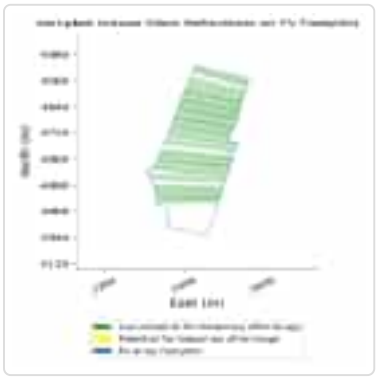
PV array is expected to produce the following glare for this receptor:

- 28 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 76

No glare found

PV array 15: OP 77

No glare found

PV array 15: OP 78

No glare found

PV array 15: OP 79

No glare found

PV array 2 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	1780	979
OP: OP 2	2433	1222
OP: OP 3	2691	1060
OP: OP 4	3098	675
OP: OP 5	3010	0
OP: OP 6	1987	0
OP: OP 7	0	0
OP: OP 8	133	0
OP: OP 9	2538	819
OP: OP 10	854	738
OP: OP 11	733	444
OP: OP 12	0	0

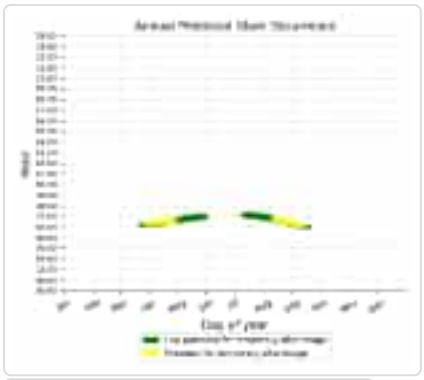
OP: OP 13	598	0
OP: OP 14	135694	7580
OP: OP 15	142782	8149
OP: OP 16	10190	4446
OP: OP 17	858	0
OP: OP 18	2144	719
OP: OP 19	3293	1445
OP: OP 20	2568	902
OP: OP 21	2497	866
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	354	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	2078	0
OP: OP 31	3495	0
OP: OP 32	3628	0
OP: OP 33	1809	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0

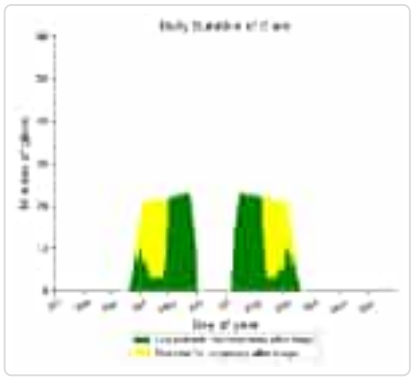
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

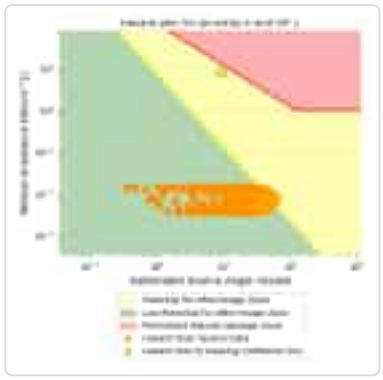
PV array 2: OP 1

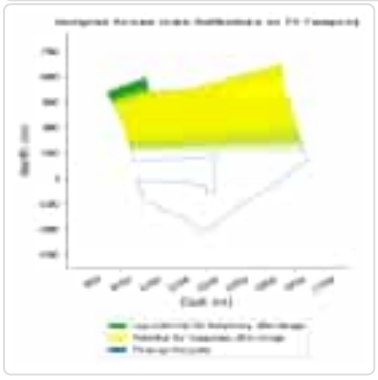
PV array is expected to produce the following glare for this receptor:

- 1,780 minutes of "green" glare with low potential to cause temporary after-image.
- 979 minutes of "yellow" glare with potential to cause temporary after-image.





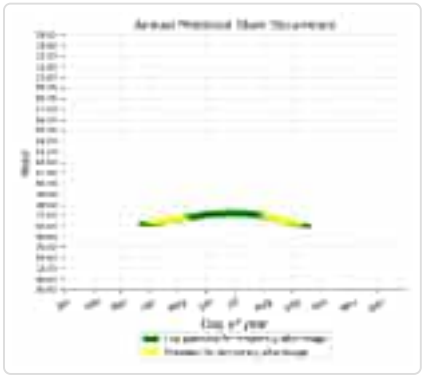


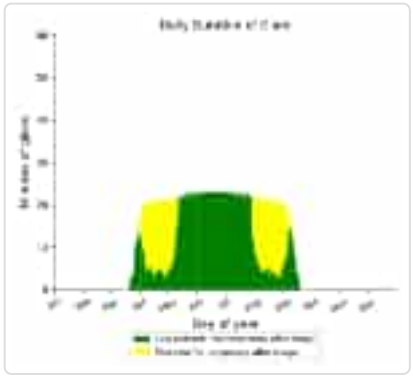


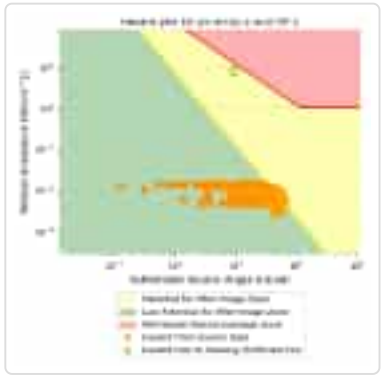
PV array 2: OP 2

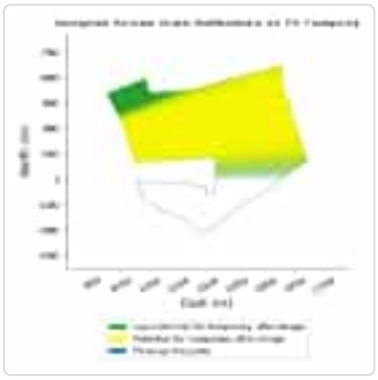
PV array is expected to produce the following glare for this receptor:

- 2,433 minutes of "green" glare with low potential to cause temporary after-image.
- 1,222 minutes of "yellow" glare with potential to cause temporary after-image.





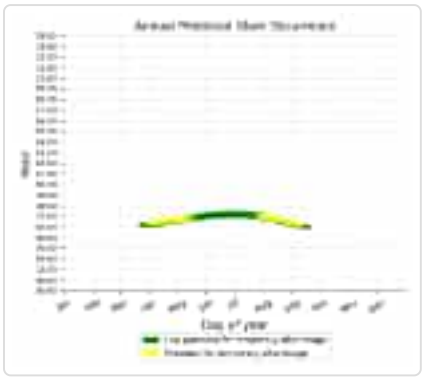


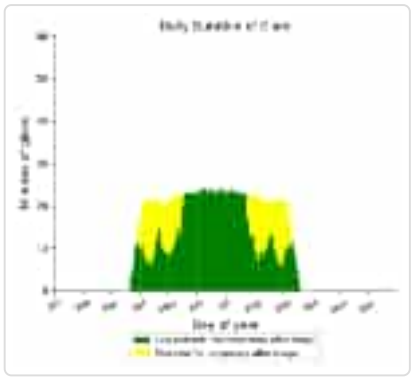


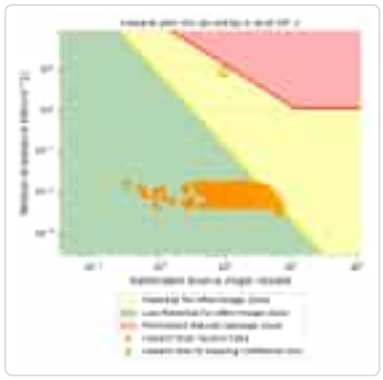
PV array 2: OP 3

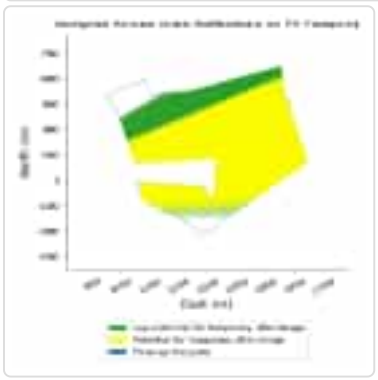
PV array is expected to produce the following glare for this receptor:

- 2,691 minutes of "green" glare with low potential to cause temporary after-image.
- 1,060 minutes of "yellow" glare with potential to cause temporary after-image.





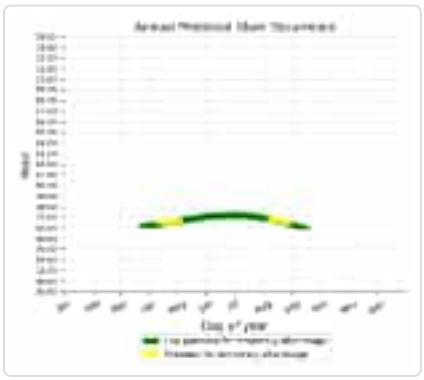


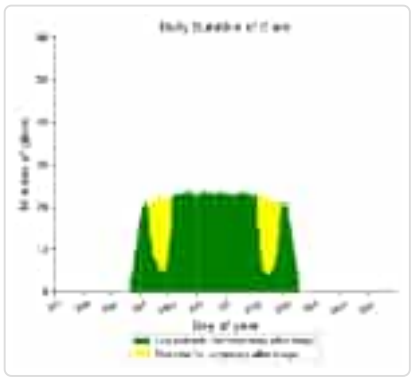


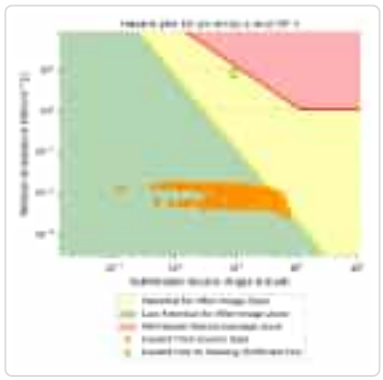
PV array 2: OP 4

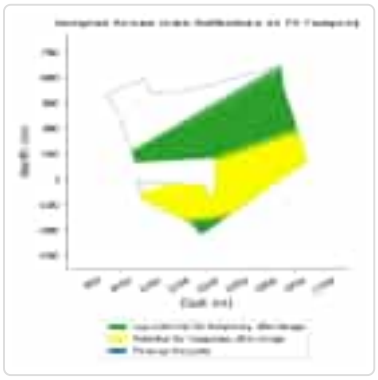
PV array is expected to produce the following glare for this receptor:

- 3,098 minutes of "green" glare with low potential to cause temporary after-image.
- 675 minutes of "yellow" glare with potential to cause temporary after-image.





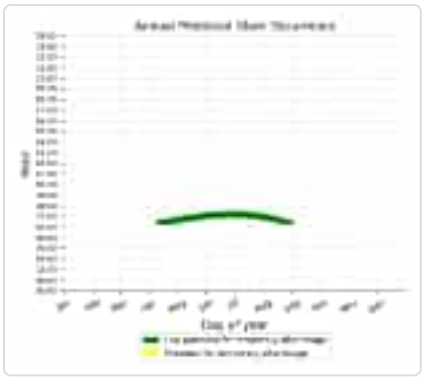


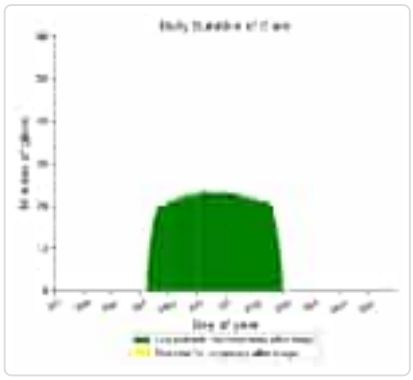


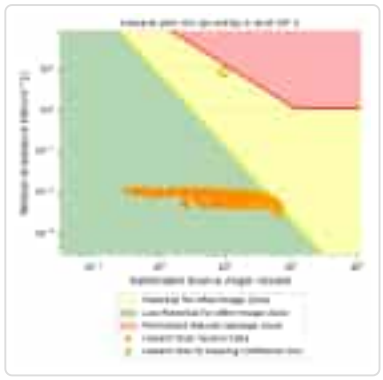
PV array 2: OP 5

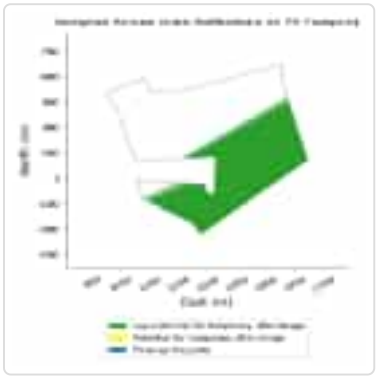
PV array is expected to produce the following glare for this receptor:

- 3,010 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





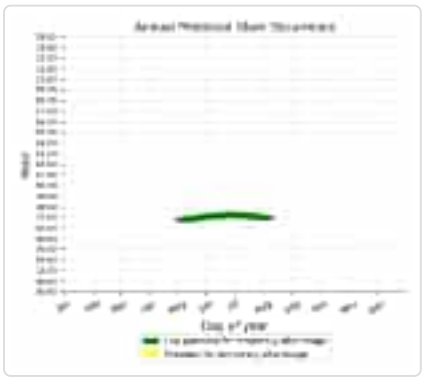


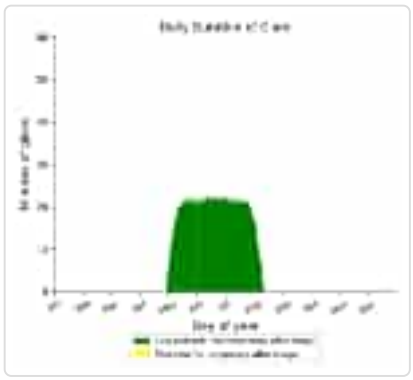


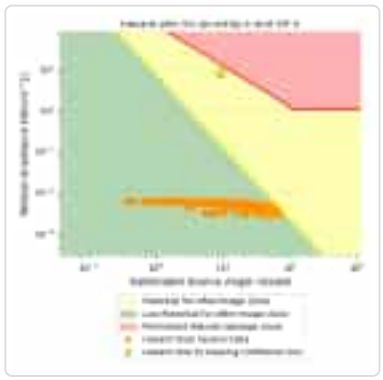
PV array 2: OP 6

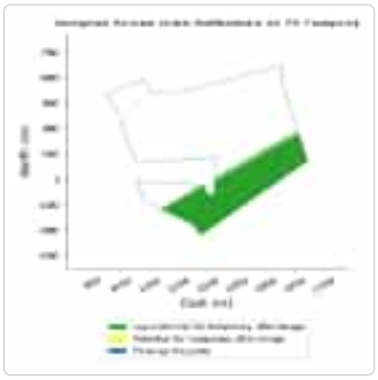
PV array is expected to produce the following glare for this receptor:

- 1,987 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









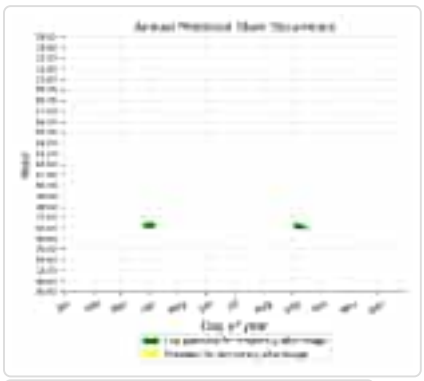
PV array 2: OP 7

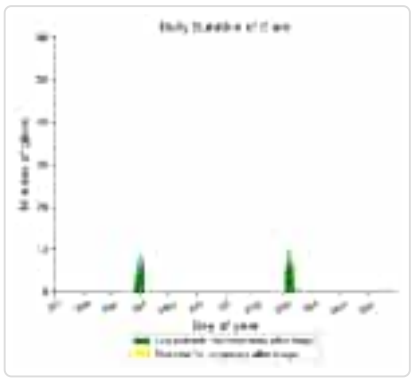
No glare found

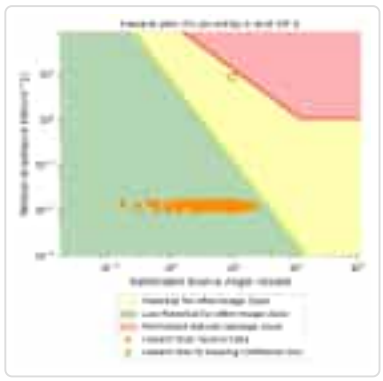
PV array 2: OP 8

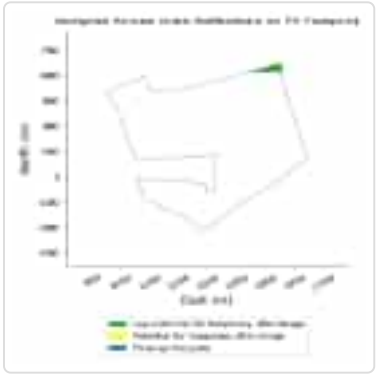
PV array is expected to produce the following glare for this receptor:

- 133 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





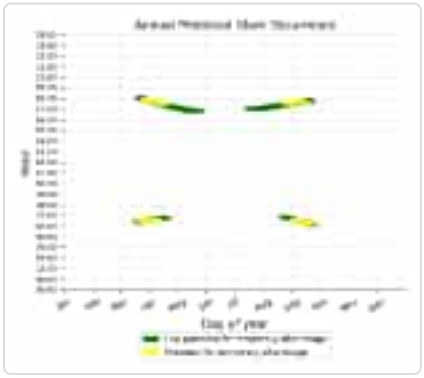


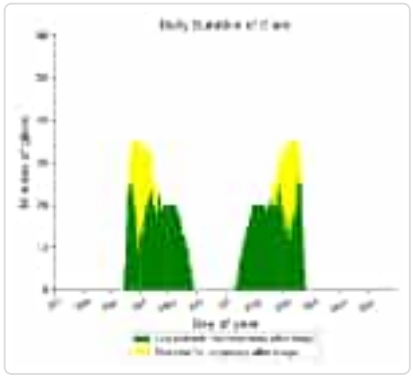


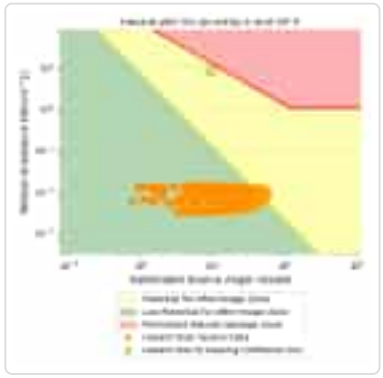
PV array 2: OP 9

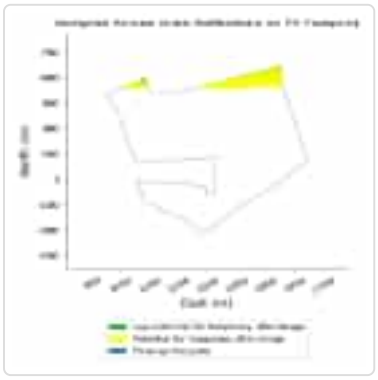
PV array is expected to produce the following glare for this receptor:

- 2,538 minutes of "green" glare with low potential to cause temporary after-image.
- 819 minutes of "yellow" glare with potential to cause temporary after-image.





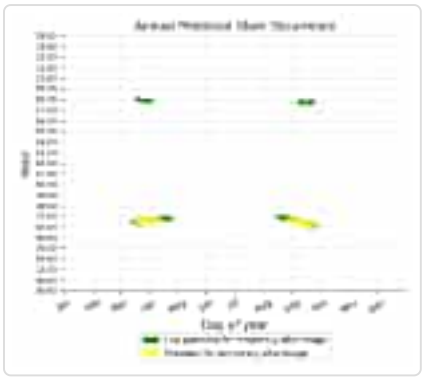


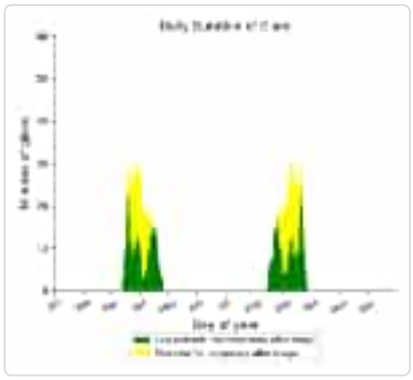


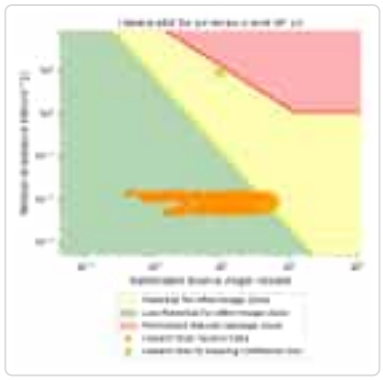
PV array 2: OP 10

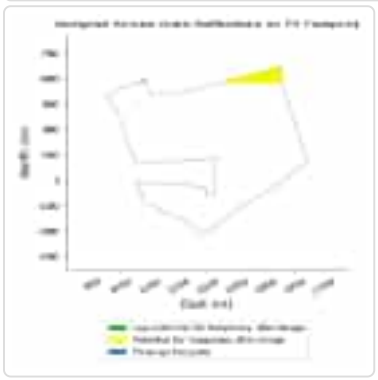
PV array is expected to produce the following glare for this receptor:

- 854 minutes of "green" glare with low potential to cause temporary after-image.
- 738 minutes of "yellow" glare with potential to cause temporary after-image.





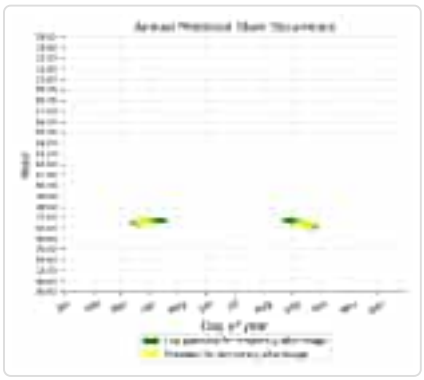


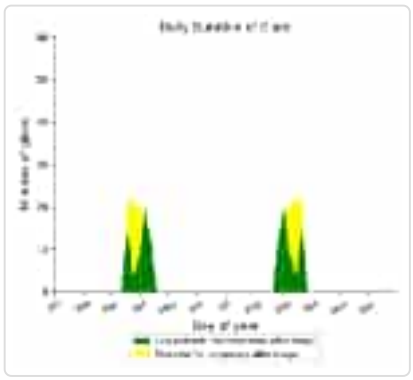


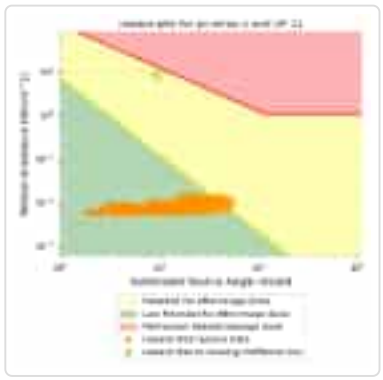
PV array 2: OP 11

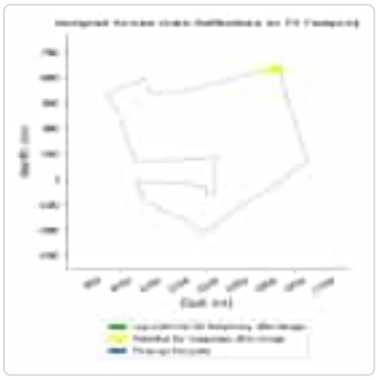
PV array is expected to produce the following glare for this receptor:

- 733 minutes of "green" glare with low potential to cause temporary after-image.
- 444 minutes of "yellow" glare with potential to cause temporary after-image.









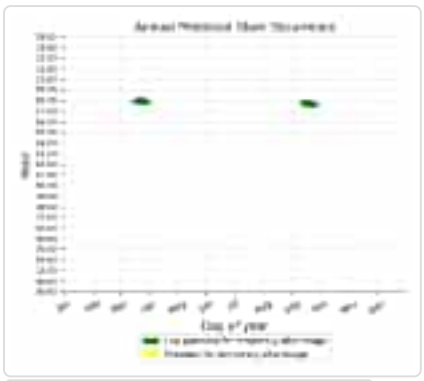
PV array 2: OP 12

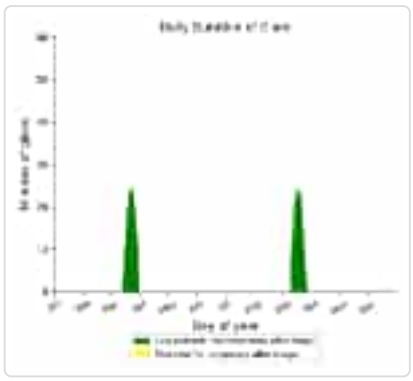
No glare found

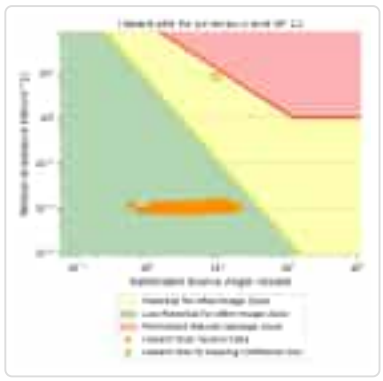
PV array 2: OP 13

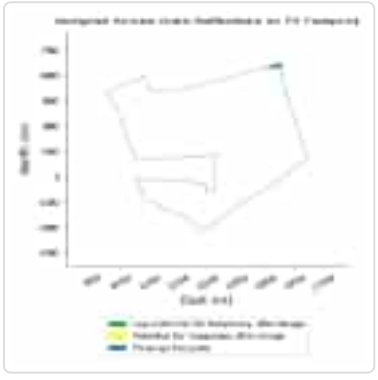
PV array is expected to produce the following glare for this receptor:

- 598 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





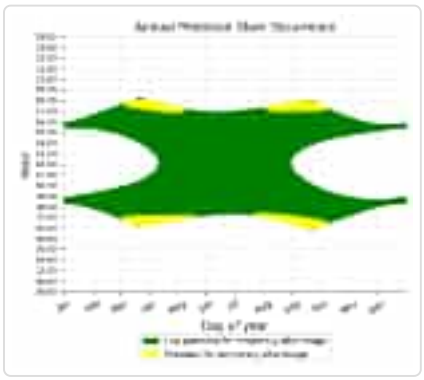


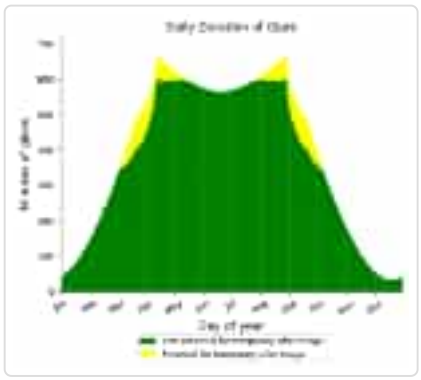


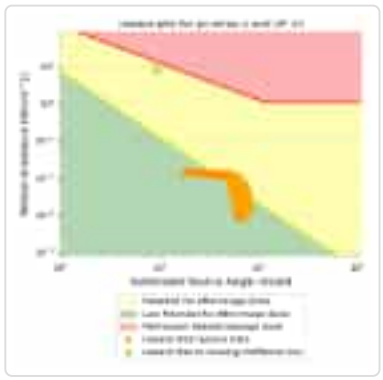
PV array 2: OP 14

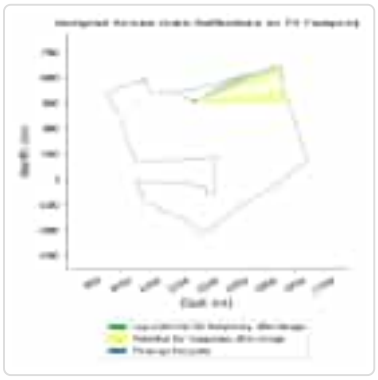
PV array is expected to produce the following glare for this receptor:

- 135,694 minutes of "green" glare with low potential to cause temporary after-image.
- 7,580 minutes of "yellow" glare with potential to cause temporary after-image.





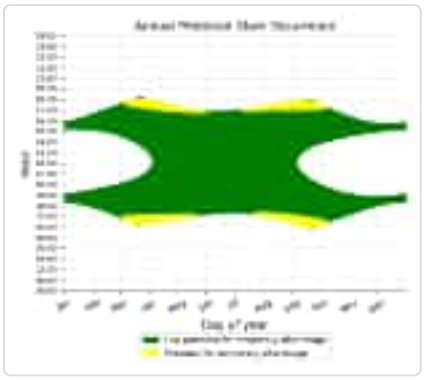


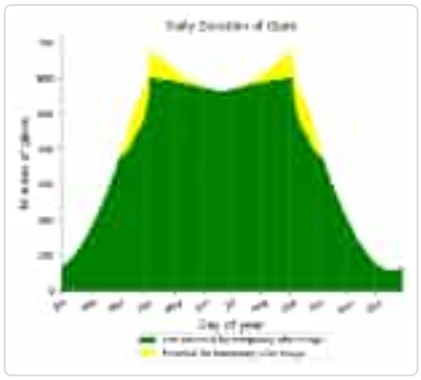


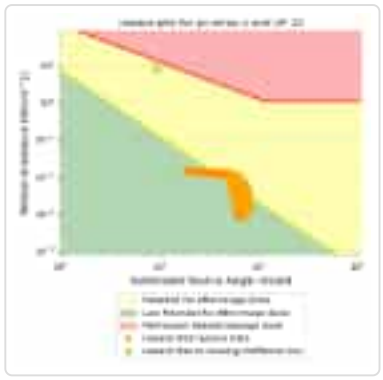
PV array 2: OP 15

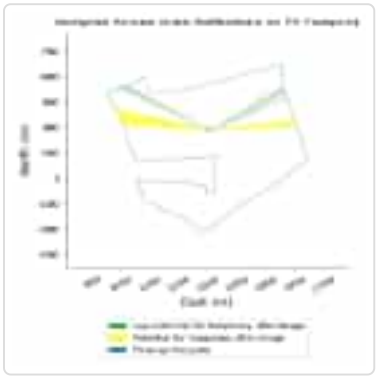
PV array is expected to produce the following glare for this receptor:

- 142,782 minutes of "green" glare with low potential to cause temporary after-image.
- 8,149 minutes of "yellow" glare with potential to cause temporary after-image.





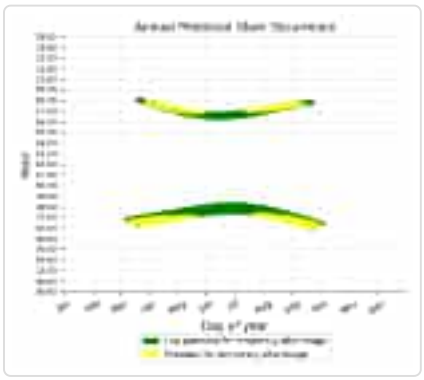


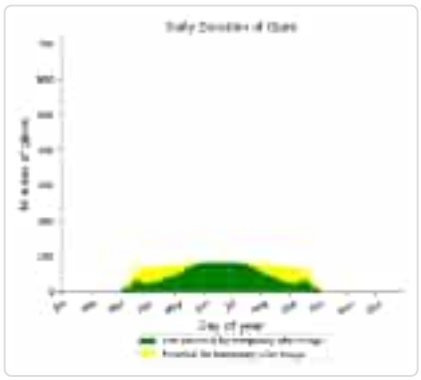


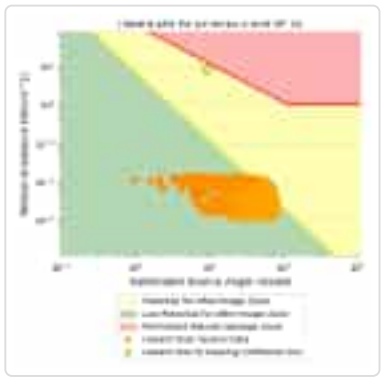
PV array 2: OP 16

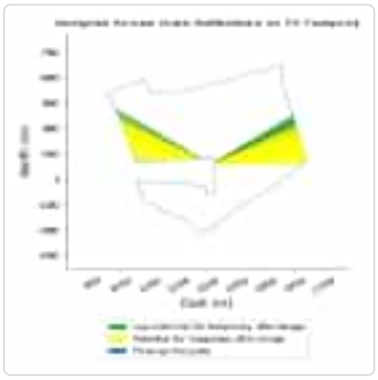
PV array is expected to produce the following glare for this receptor:

- 10,190 minutes of "green" glare with low potential to cause temporary after-image.
- 4,446 minutes of "yellow" glare with potential to cause temporary after-image.





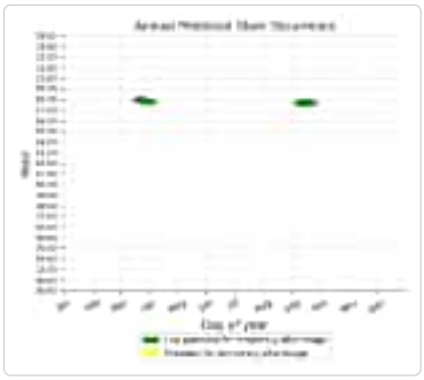


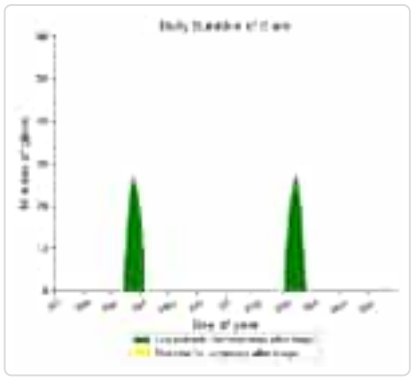


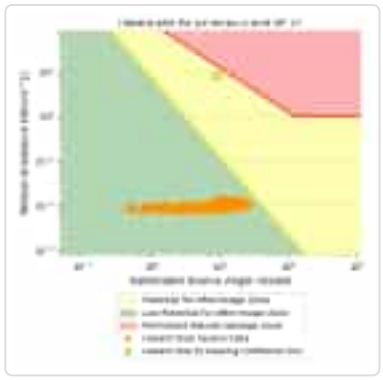
PV array 2: OP 17

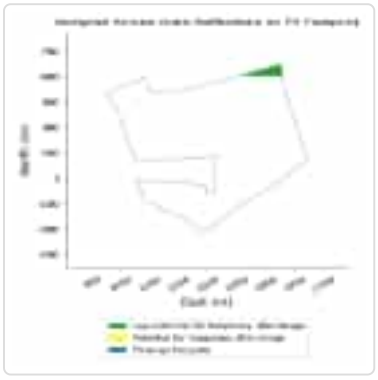
PV array is expected to produce the following glare for this receptor:

- 858 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





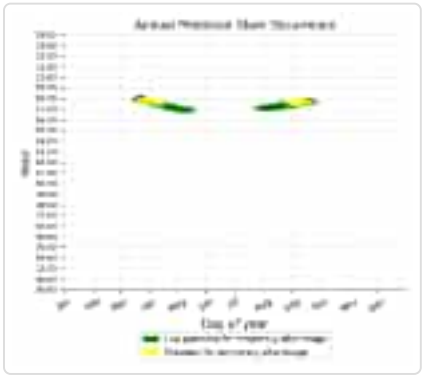


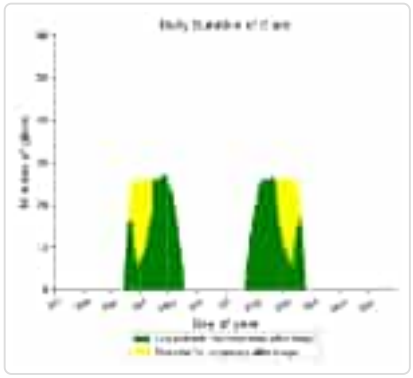


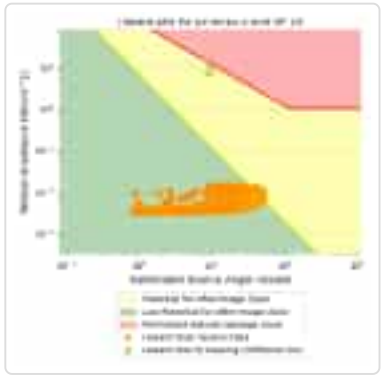
PV array 2: OP 18

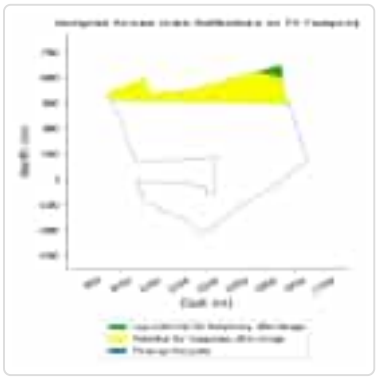
PV array is expected to produce the following glare for this receptor:

- 2,144 minutes of "green" glare with low potential to cause temporary after-image.
- 719 minutes of "yellow" glare with potential to cause temporary after-image.





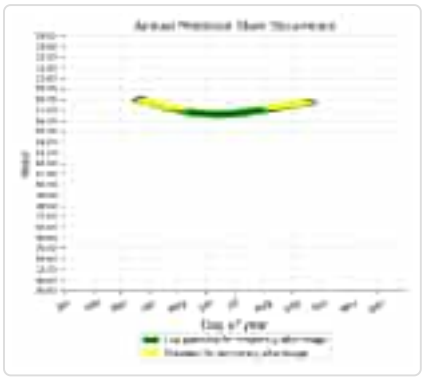


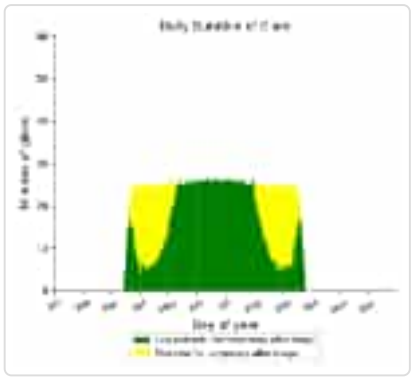


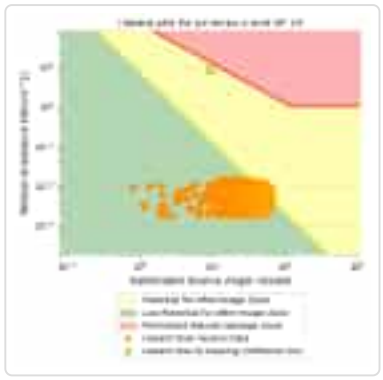
PV array 2: OP 19

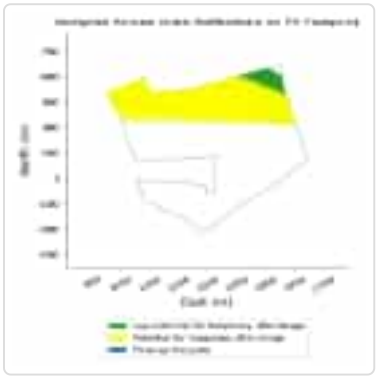
PV array is expected to produce the following glare for this receptor:

- 3,293 minutes of "green" glare with low potential to cause temporary after-image.
- 1,445 minutes of "yellow" glare with potential to cause temporary after-image.





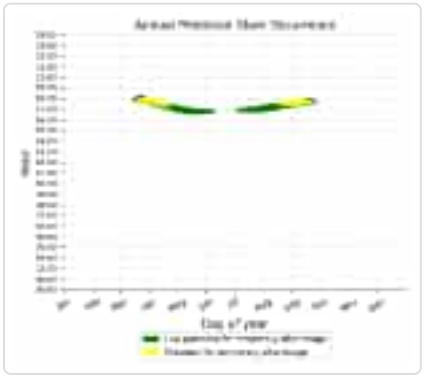


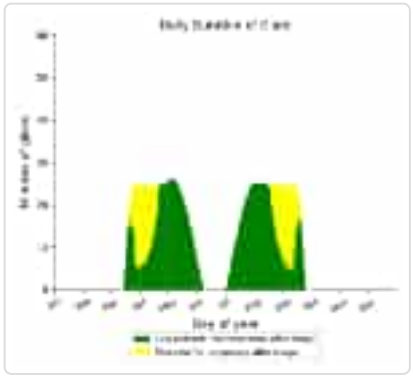


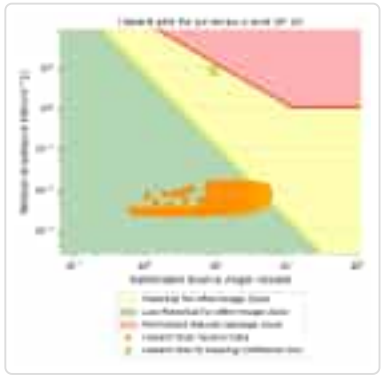
PV array 2: OP 20

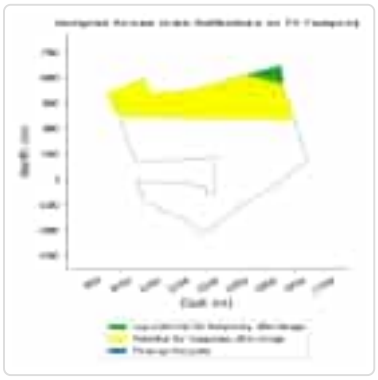
PV array is expected to produce the following glare for this receptor:

- 2,568 minutes of "green" glare with low potential to cause temporary after-image.
- 902 minutes of "yellow" glare with potential to cause temporary after-image.





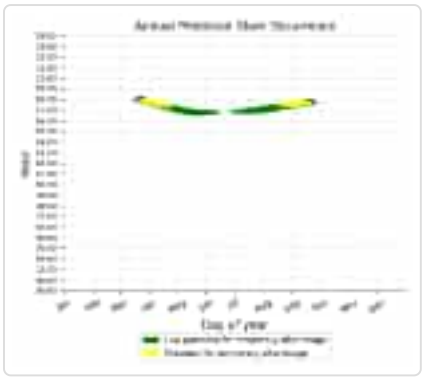


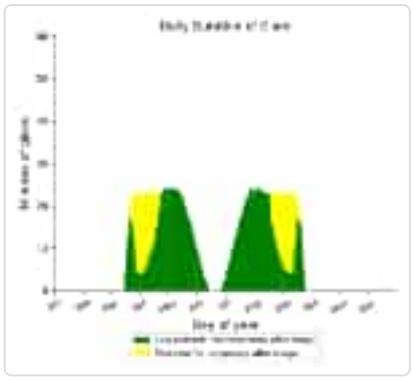


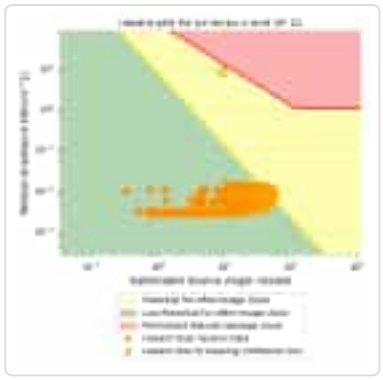
PV array 2: OP 21

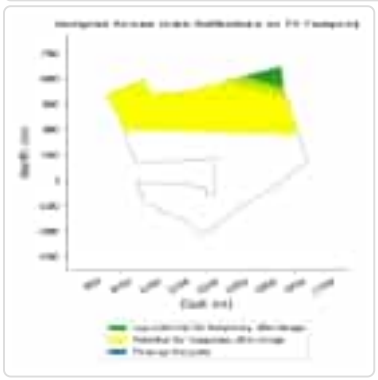
PV array is expected to produce the following glare for this receptor:

- 2,497 minutes of "green" glare with low potential to cause temporary after-image.
- 866 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 22

No glare found

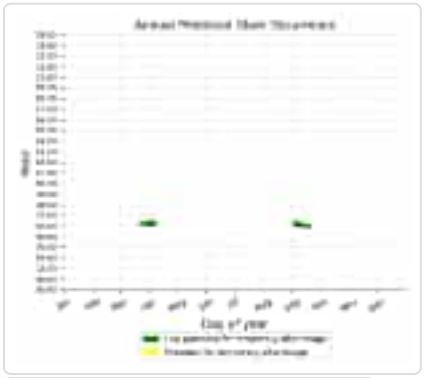
PV array 2: OP 23

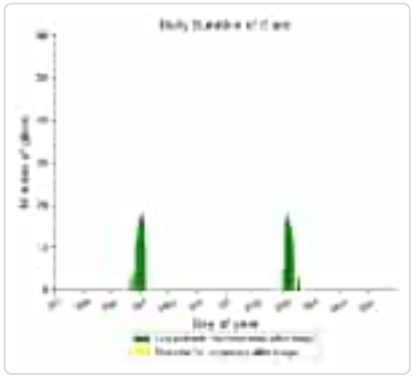
No glare found

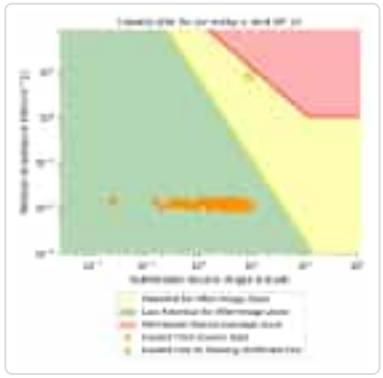
PV array 2: OP 24

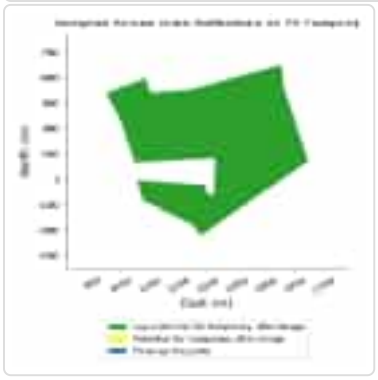
PV array is expected to produce the following glare for this receptor:

- 354 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 25

No glare found

PV array 2: OP 26

No glare found

PV array 2: OP 27

No glare found

PV array 2: OP 28

No glare found

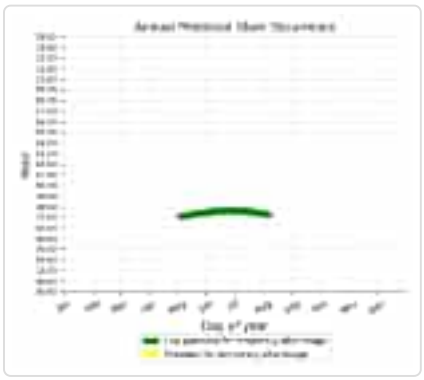
PV array 2: OP 29

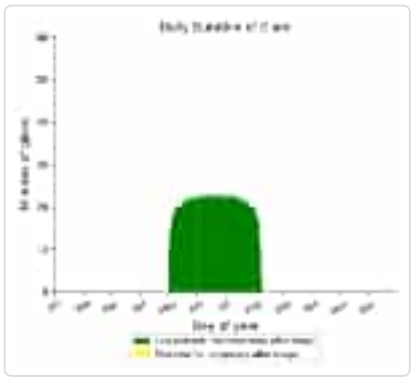
No glare found

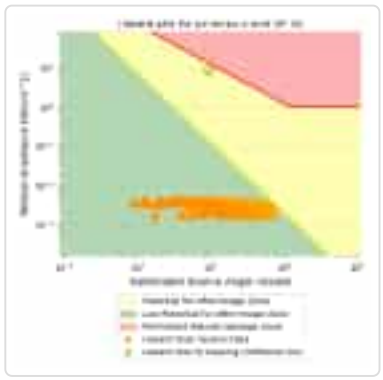
PV array 2: OP 30

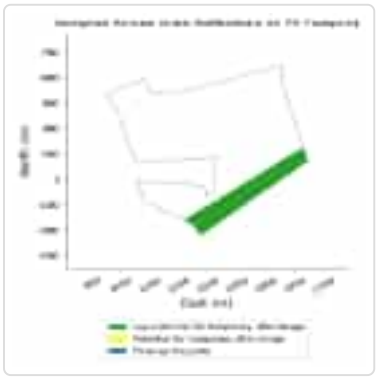
PV array is expected to produce the following glare for this receptor:

- 2,078 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





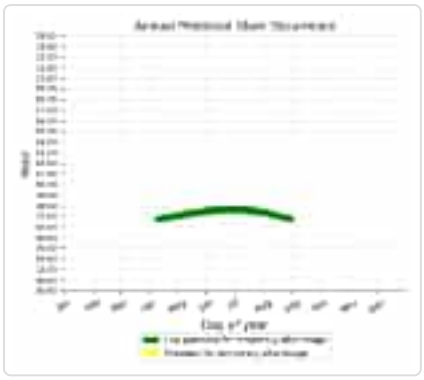


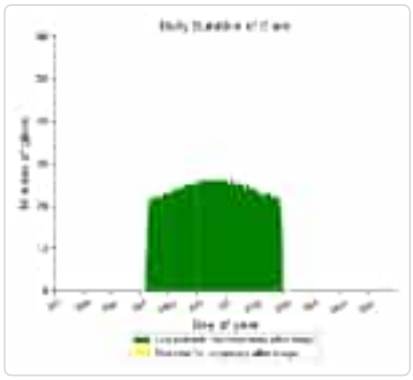


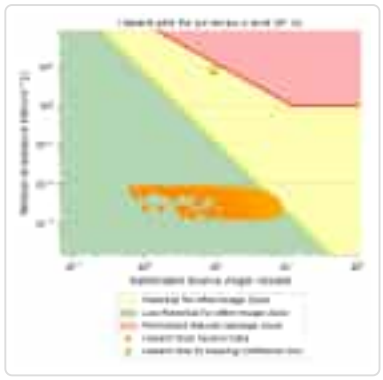
PV array 2: OP 31

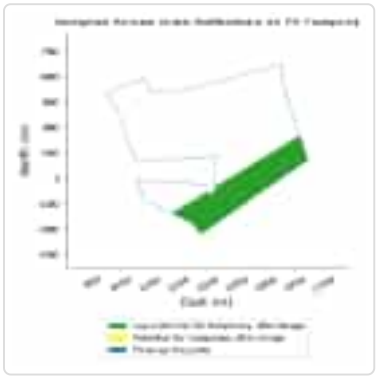
PV array is expected to produce the following glare for this receptor:

- 3,495 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





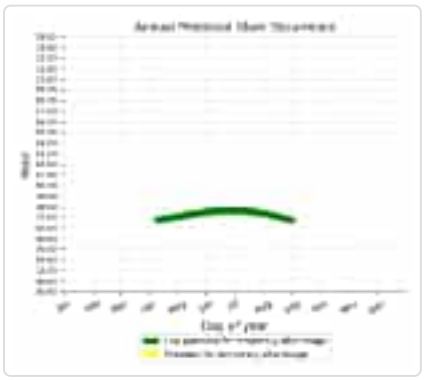


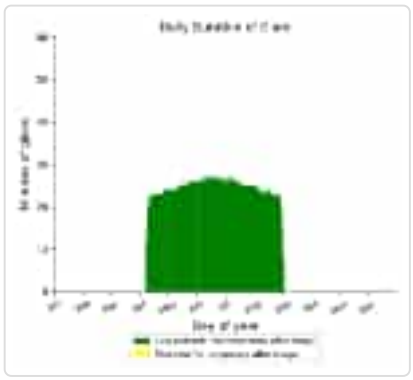


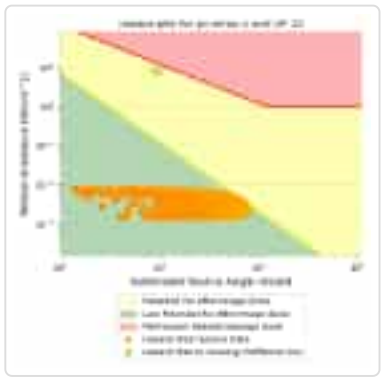
PV array 2: OP 32

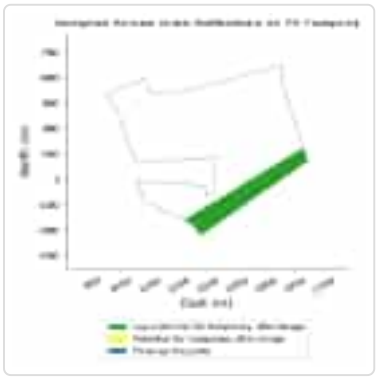
PV array is expected to produce the following glare for this receptor:

- 3,628 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





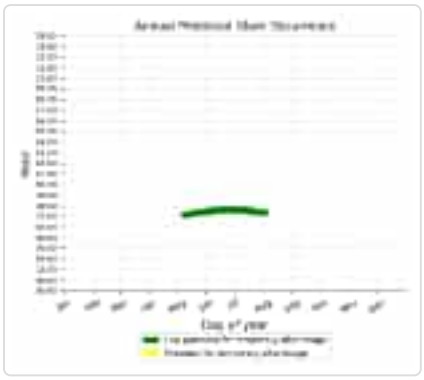


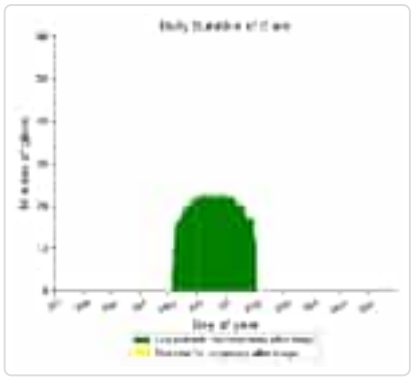


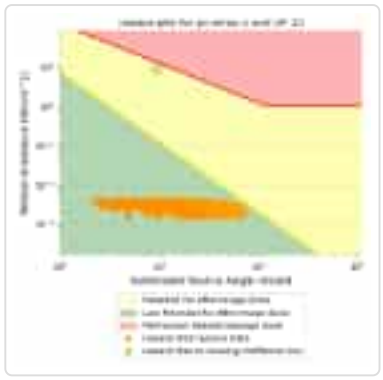
PV array 2: OP 33

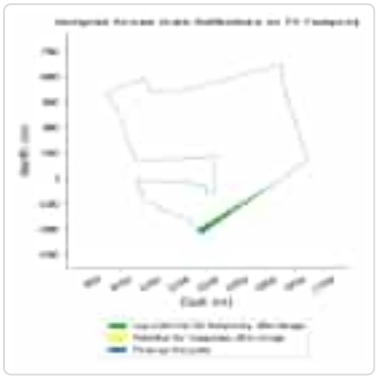
PV array is expected to produce the following glare for this receptor:

- 1,809 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 34

No glare found

PV array 2: OP 35

No glare found

PV array 2: OP 36

No glare found

PV array 2: OP 37

No glare found

PV array 2: OP 38

No glare found

PV array 2: OP 39

No glare found

PV array 2: OP 40

No glare found

PV array 2: OP 41

No glare found

PV array 2: OP 42

No glare found

PV array 2: OP 43

No glare found

PV array 2: OP 44

No glare found

PV array 2: OP 45

No glare found

PV array 2: OP 46

No glare found

PV array 2: OP 47

No glare found

PV array 2: OP 48

No glare found

PV array 2: OP 49

No glare found

PV array 2: OP 50

No glare found

PV array 2: OP 51

No glare found

PV array 2: OP 52

No glare found

PV array 2: OP 53

No glare found

PV array 2: OP 54

No glare found

PV array 2: OP 55

No glare found

PV array 2: OP 56

No glare found

PV array 2: OP 57

No glare found

PV array 2: OP 58

No glare found

PV array 2: OP 59

No glare found

PV array 2: OP 60

No glare found

PV array 2: OP 61

No glare found

PV array 2: OP 62

No glare found

PV array 2: OP 63

No glare found

PV array 2: OP 64

No glare found

PV array 2: OP 65

No glare found

PV array 2: OP 66

No glare found

PV array 2: OP 67
No glare found

PV array 2: OP 68
No glare found

PV array 2: OP 69
No glare found

PV array 2: OP 70
No glare found

PV array 2: OP 71
No glare found

PV array 2: OP 72
No glare found

PV array 2: OP 73
No glare found

PV array 2: OP 74
No glare found

PV array 2: OP 75
No glare found

PV array 2: OP 76
No glare found

PV array 2: OP 77
No glare found

PV array 2: OP 78
No glare found

PV array 2: OP 79
No glare found

PV array 3 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	349	0
OP: OP 7	0	0

OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	2378	376
OP: OP 23	0	0
OP: OP 24	150	0
OP: OP 25	2149	1611
OP: OP 26	1541	2292
OP: OP 27	5642	3145
OP: OP 28	3720	2321
OP: OP 29	2962	1499
OP: OP 30	118	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	2054	7918
OP: OP 36	2269	2837
OP: OP 37	1541	8454
OP: OP 38	2112	4151
OP: OP 39	1900	76
OP: OP 40	2540	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	2780	0
OP: OP 46	2697	0
OP: OP 47	2973	0
OP: OP 48	2121	0
OP: OP 49	2403	0
OP: OP 50	2779	0
OP: OP 51	2877	0
OP: OP 52	3108	0
OP: OP 53	1791	0
OP: OP 54	1539	0
OP: OP 55	1425	0
OP: OP 56	1236	0
OP: OP 57	503	0
OP: OP 58	32	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0

OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

PV array 3: OP 1

No glare found

PV array 3: OP 2

No glare found

PV array 3: OP 3

No glare found

PV array 3: OP 4

No glare found

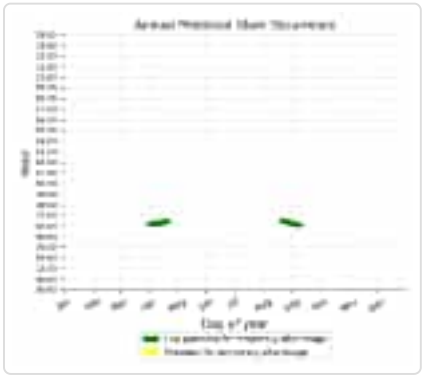
PV array 3: OP 5

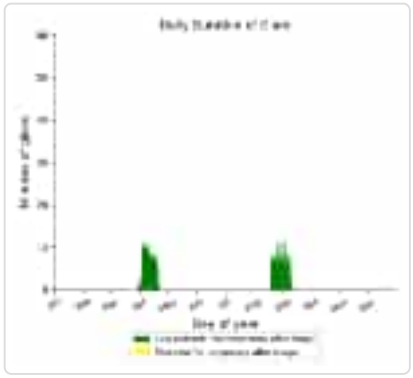
No glare found

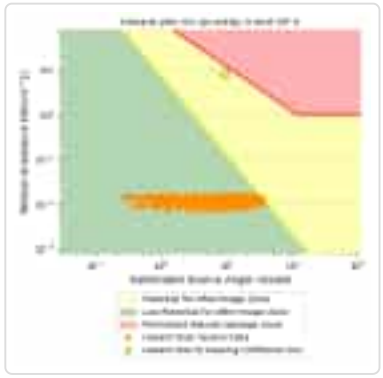
PV array 3: OP 6

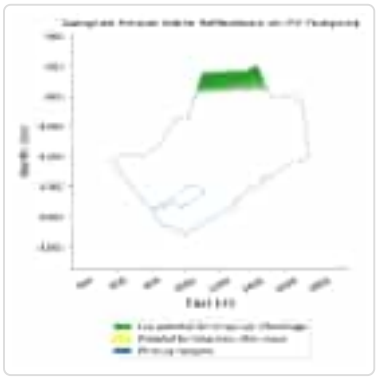
PV array is expected to produce the following glare for this receptor:

- 349 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 7

No glare found

PV array 3: OP 8

No glare found

PV array 3: OP 9

No glare found

PV array 3: OP 10

No glare found

PV array 3: OP 11

No glare found

PV array 3: OP 12

No glare found

PV array 3: OP 13

No glare found

PV array 3: OP 14

No glare found

PV array 3: OP 15

No glare found

PV array 3: OP 16

No glare found

PV array 3: OP 17

No glare found

PV array 3: OP 18

No glare found

PV array 3: OP 19

No glare found

PV array 3: OP 20

No glare found

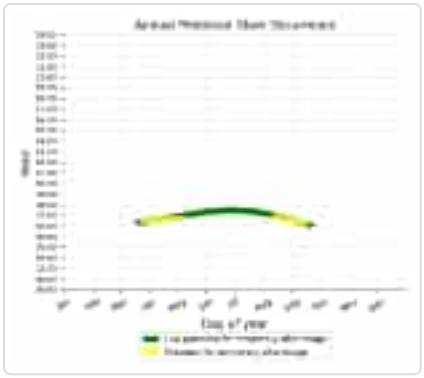
PV array 3: OP 21

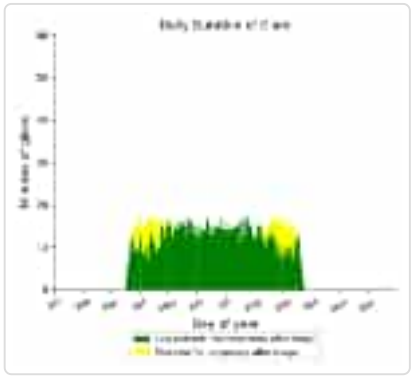
No glare found

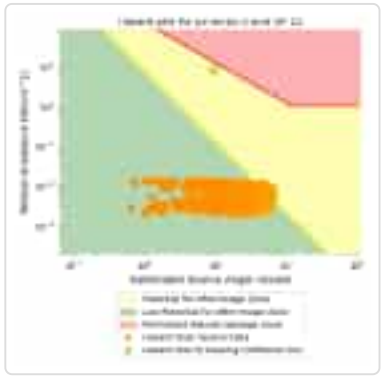
PV array 3: OP 22

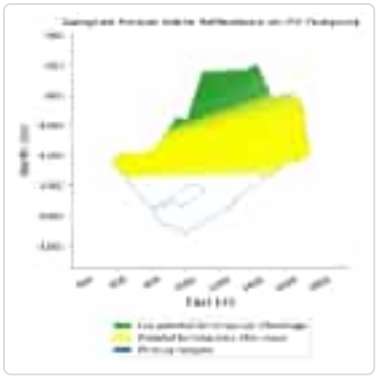
PV array is expected to produce the following glare for this receptor:

- 2,378 minutes of "green" glare with low potential to cause temporary after-image.
- 376 minutes of "yellow" glare with potential to cause temporary after-image.









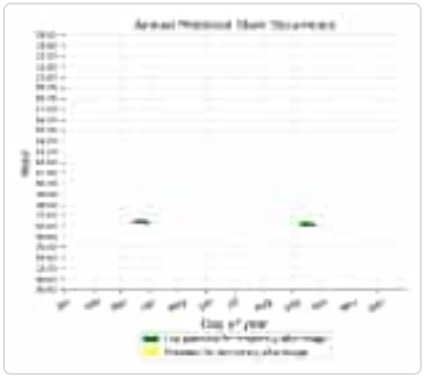
PV array 3: OP 23

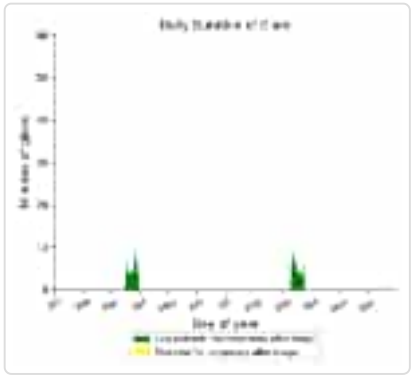
No glare found

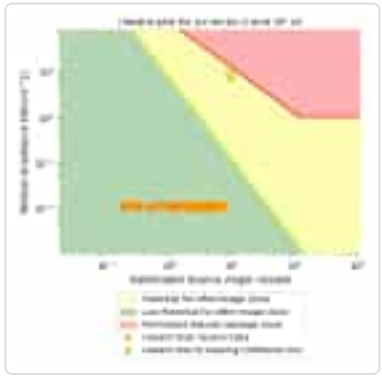
PV array 3: OP 24

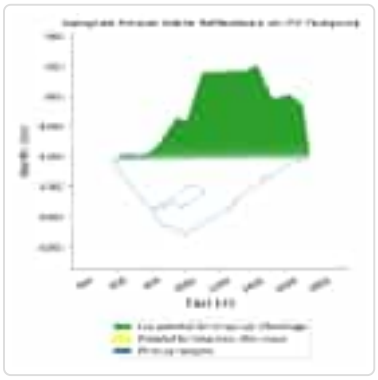
PV array is expected to produce the following glare for this receptor:

- 150 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





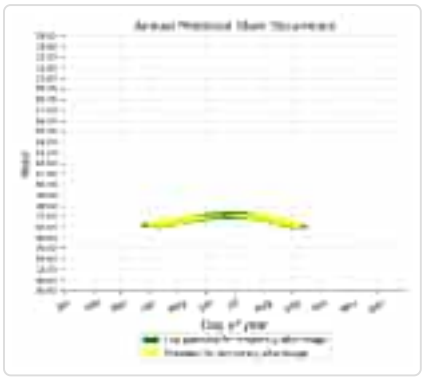


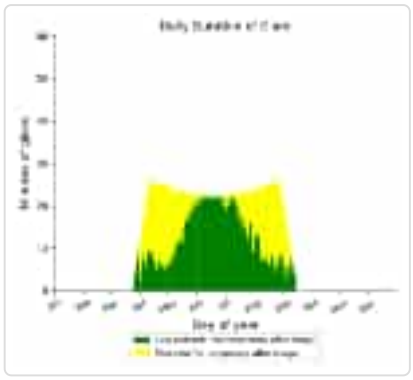


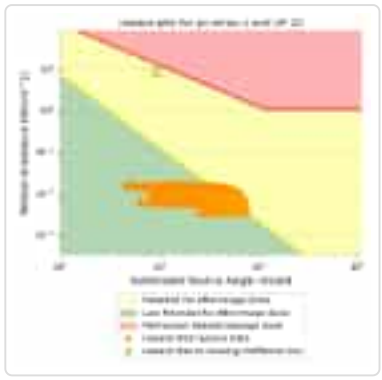
PV array 3: OP 25

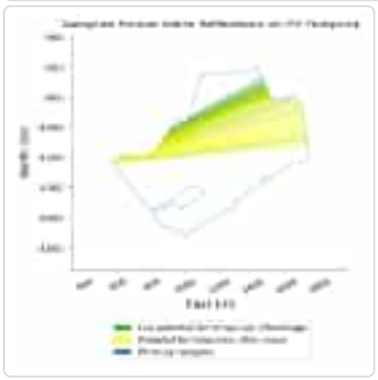
PV array is expected to produce the following glare for this receptor:

- 2,149 minutes of "green" glare with low potential to cause temporary after-image.
- 1,611 minutes of "yellow" glare with potential to cause temporary after-image.





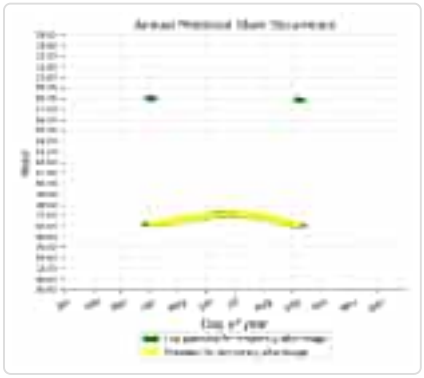


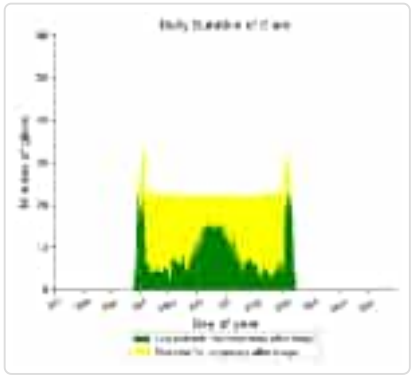


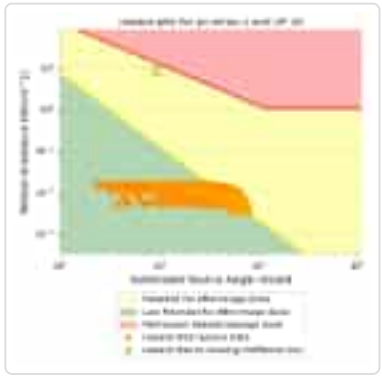
PV array 3: OP 26

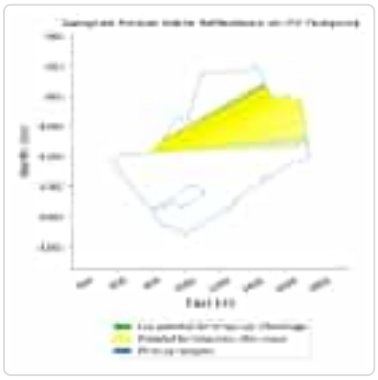
PV array is expected to produce the following glare for this receptor:

- 1,541 minutes of "green" glare with low potential to cause temporary after-image.
- 2,292 minutes of "yellow" glare with potential to cause temporary after-image.





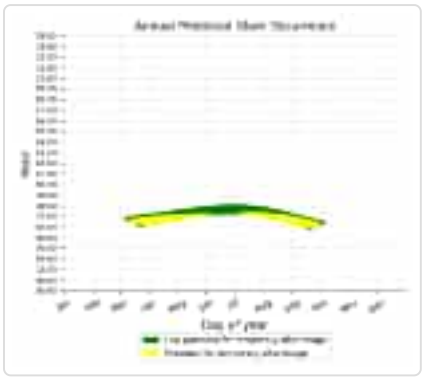


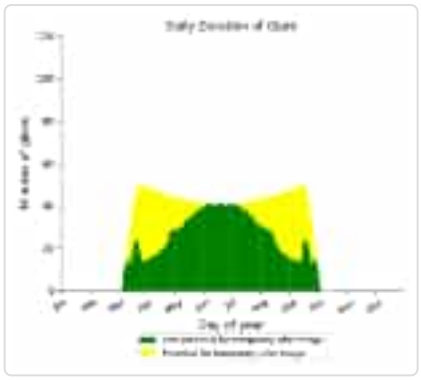


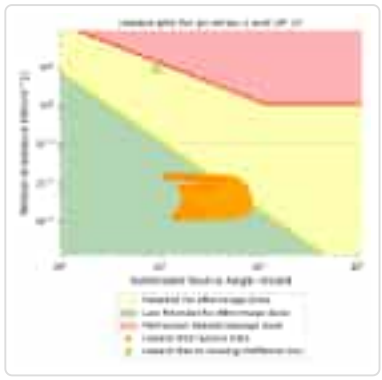
PV array 3: OP 27

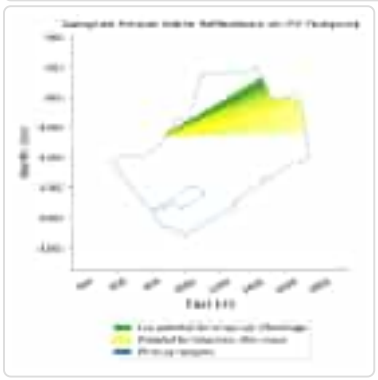
PV array is expected to produce the following glare for this receptor:

- 5,642 minutes of "green" glare with low potential to cause temporary after-image.
- 3,145 minutes of "yellow" glare with potential to cause temporary after-image.





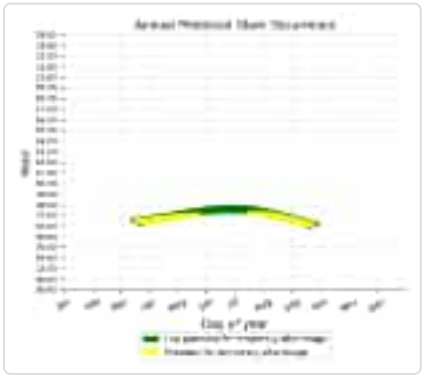


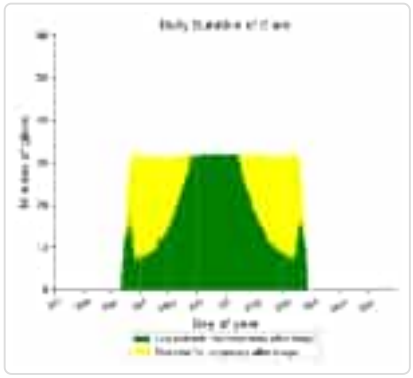


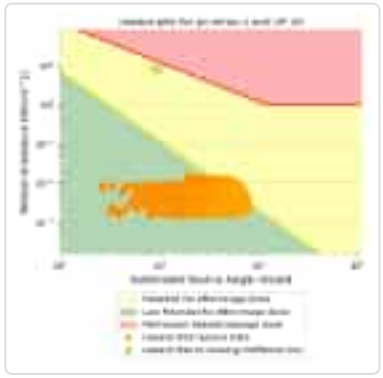
PV array 3: OP 28

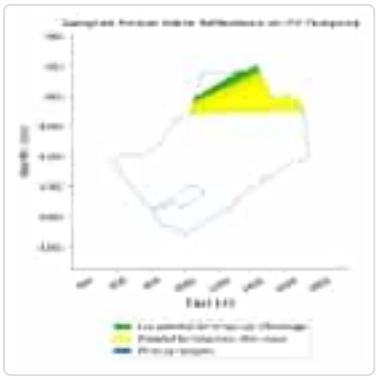
PV array is expected to produce the following glare for this receptor:

- 3,720 minutes of "green" glare with low potential to cause temporary after-image.
- 2,321 minutes of "yellow" glare with potential to cause temporary after-image.





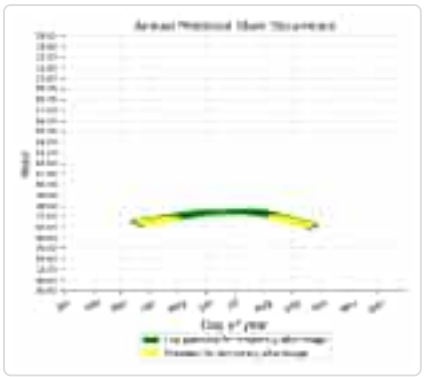


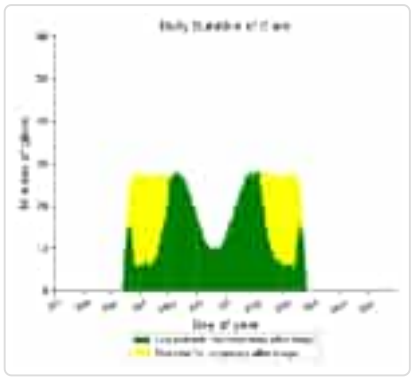


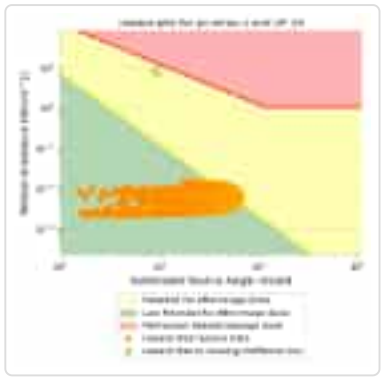
PV array 3: OP 29

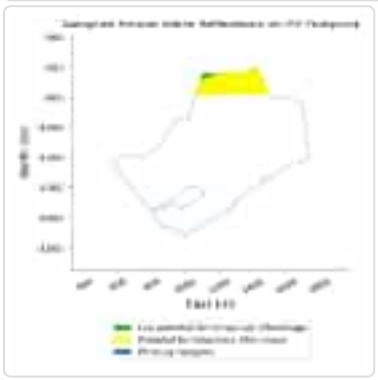
PV array is expected to produce the following glare for this receptor:

- 2,962 minutes of "green" glare with low potential to cause temporary after-image.
- 1,499 minutes of "yellow" glare with potential to cause temporary after-image.





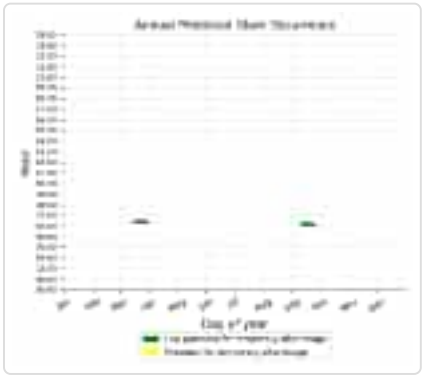


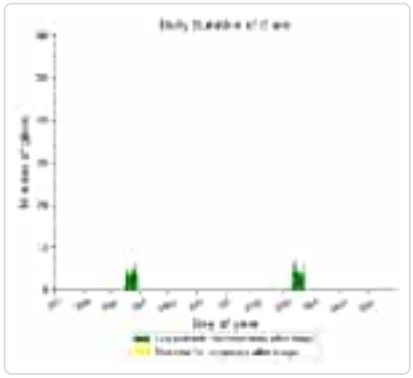


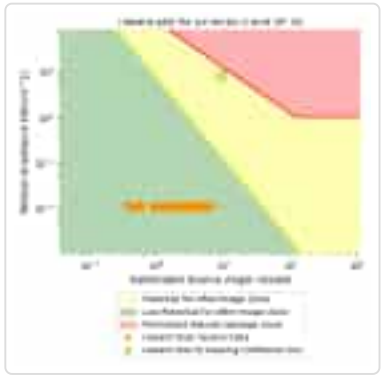
PV array 3: OP 30

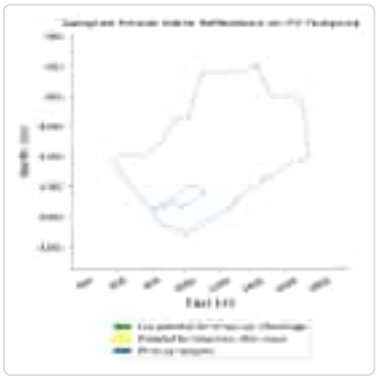
PV array is expected to produce the following glare for this receptor:

- 118 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 31

No glare found

PV array 3: OP 32

No glare found

PV array 3: OP 33

No glare found

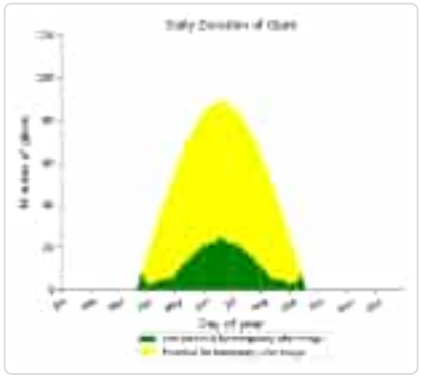
PV array 3: OP 34

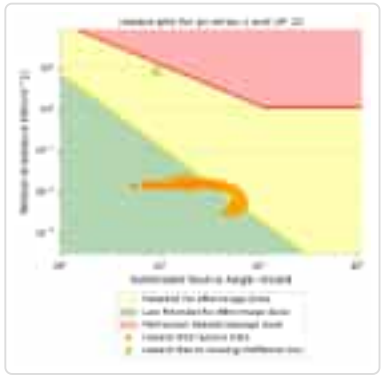
No glare found

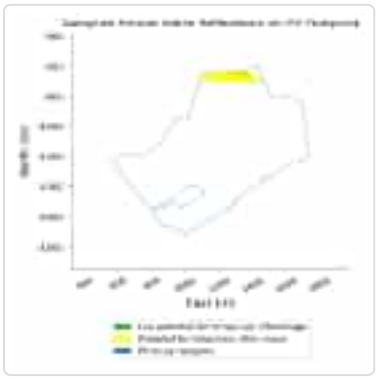
PV array 3: OP 35

PV array is expected to produce the following glare for this receptor:

- 2,054 minutes of "green" glare with low potential to cause temporary after-image.
- 7,918 minutes of "yellow" glare with potential to cause temporary after-image.



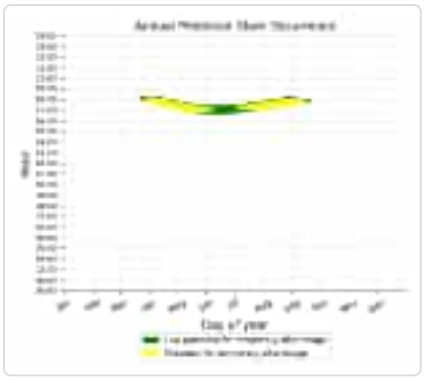


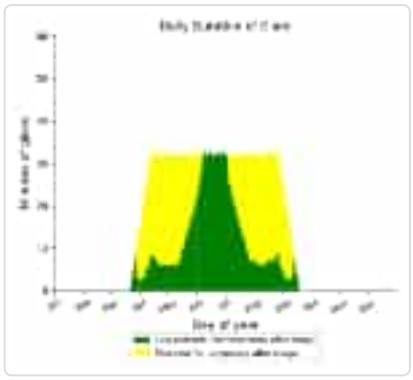


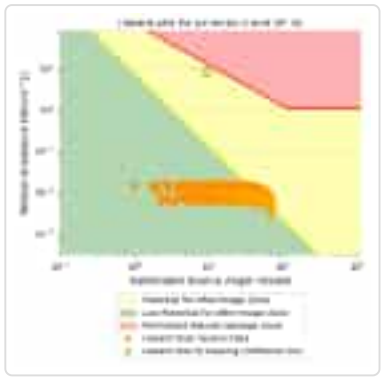
PV array 3: OP 36

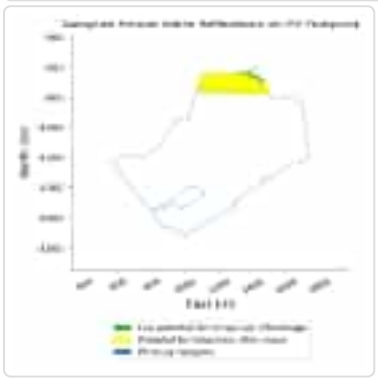
PV array is expected to produce the following glare for this receptor:

- 2,269 minutes of "green" glare with low potential to cause temporary after-image.
- 2,837 minutes of "yellow" glare with potential to cause temporary after-image.





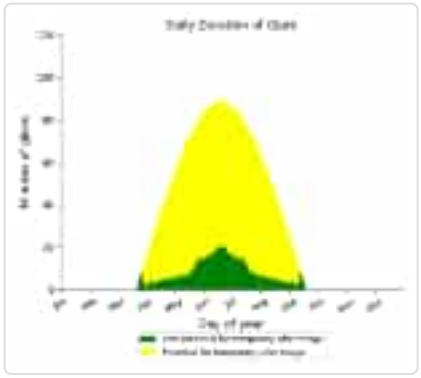


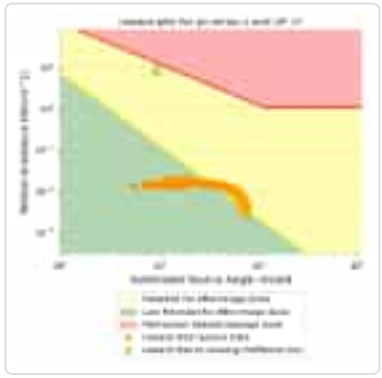


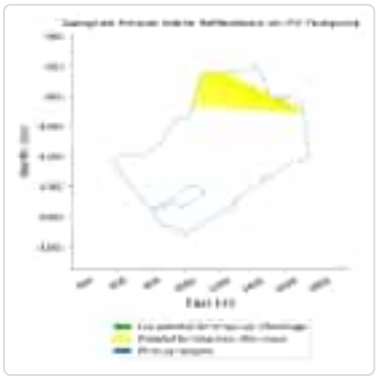
PV array 3: OP 37

PV array is expected to produce the following glare for this receptor:

- 1,541 minutes of "green" glare with low potential to cause temporary after-image.
- 8,454 minutes of "yellow" glare with potential to cause temporary after-image.



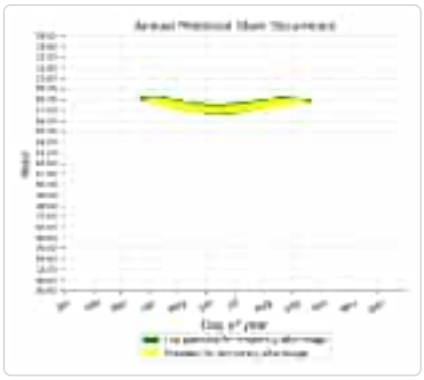


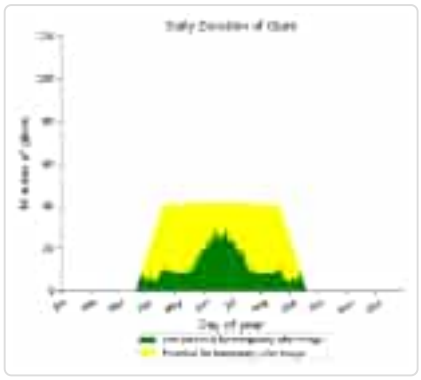


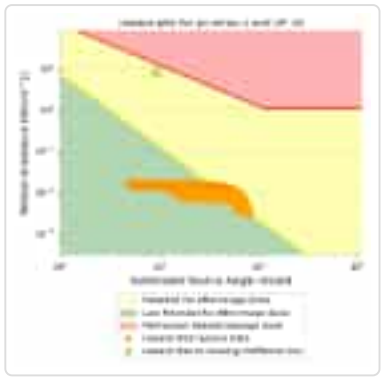
PV array 3: OP 38

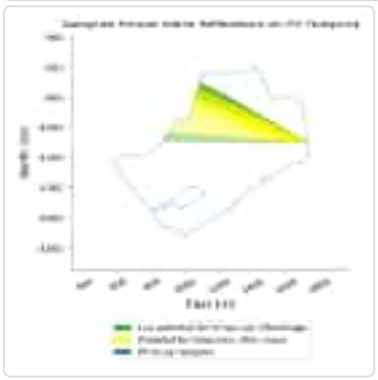
PV array is expected to produce the following glare for this receptor:

- 2,112 minutes of "green" glare with low potential to cause temporary after-image.
- 4,151 minutes of "yellow" glare with potential to cause temporary after-image.





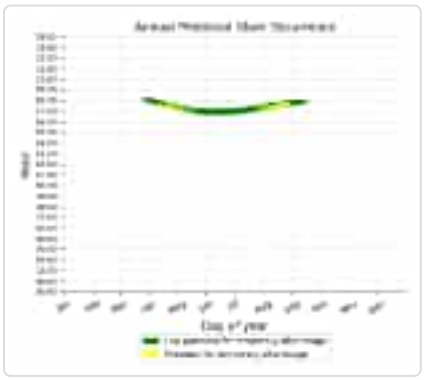


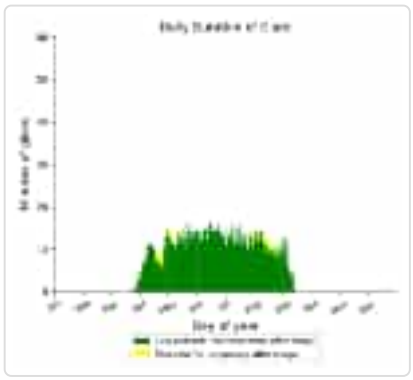


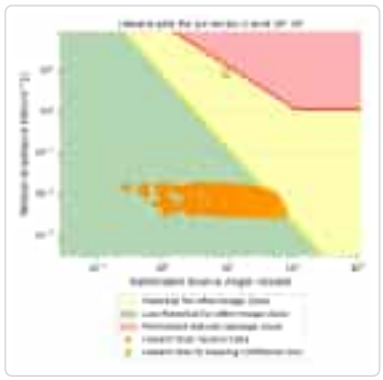
PV array 3: OP 39

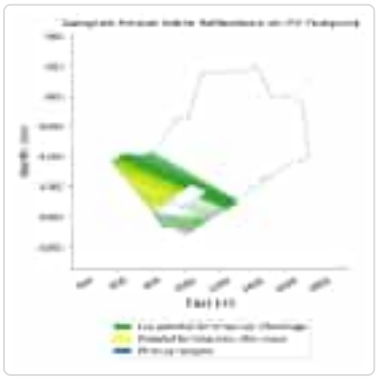
PV array is expected to produce the following glare for this receptor:

- 1,900 minutes of "green" glare with low potential to cause temporary after-image.
- 76 minutes of "yellow" glare with potential to cause temporary after-image.





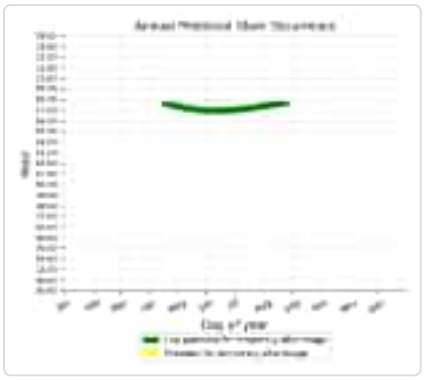


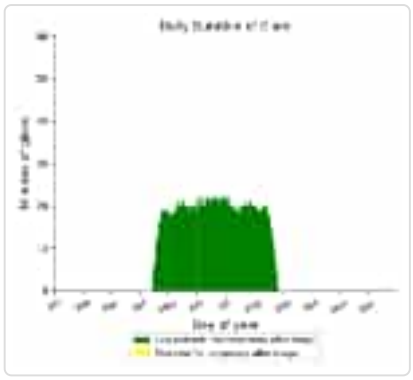


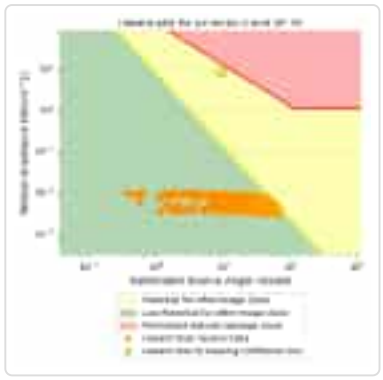
PV array 3: OP 40

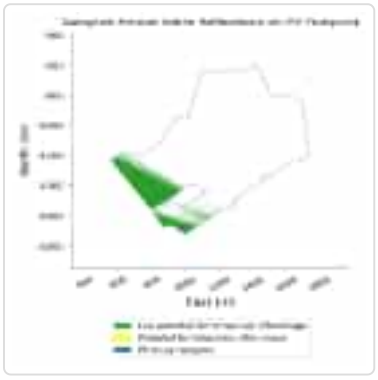
PV array is expected to produce the following glare for this receptor:

- 2,540 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 41

No glare found

PV array 3: OP 42

No glare found

PV array 3: OP 43

No glare found

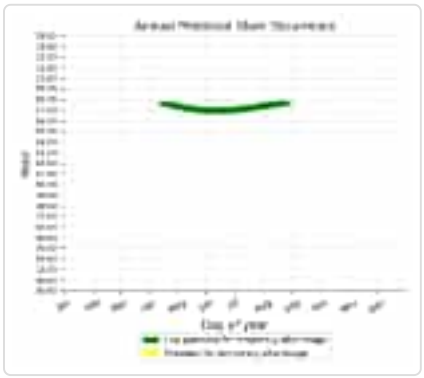
PV array 3: OP 44

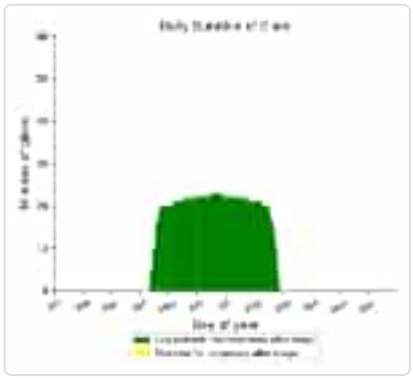
No glare found

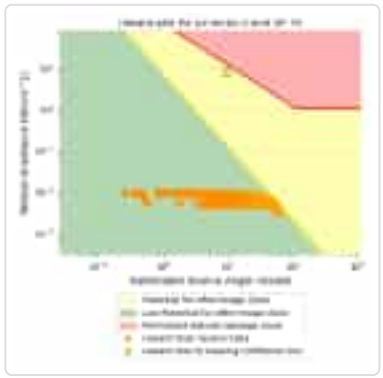
PV array 3: OP 45

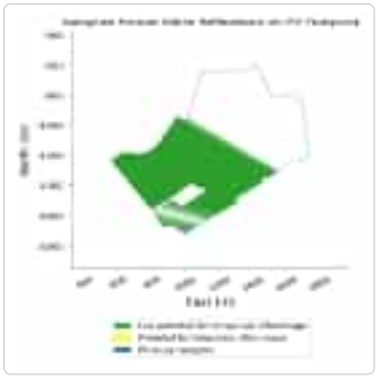
PV array is expected to produce the following glare for this receptor:

- 2,780 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





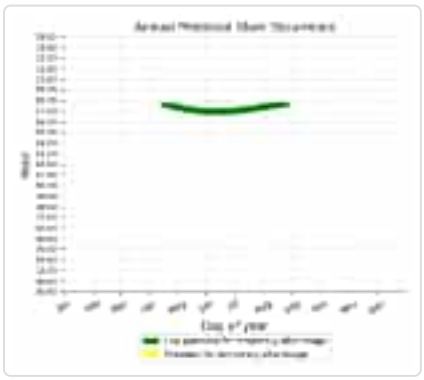


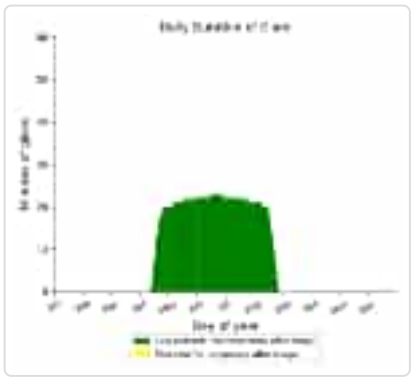


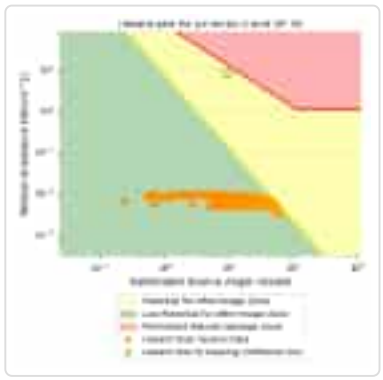
PV array 3: OP 46

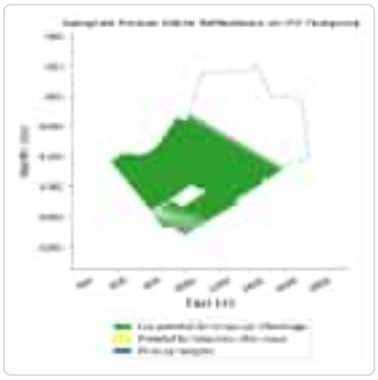
PV array is expected to produce the following glare for this receptor:

- 2,697 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





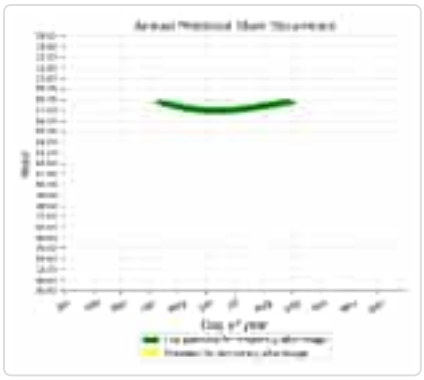


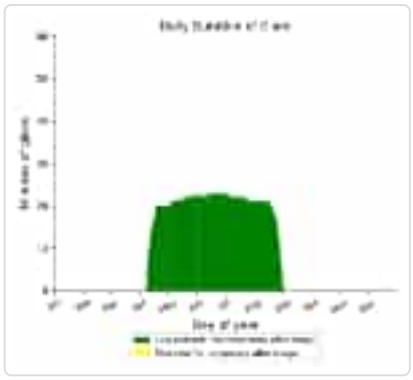


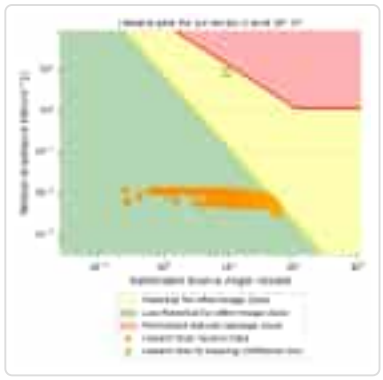
PV array 3: OP 47

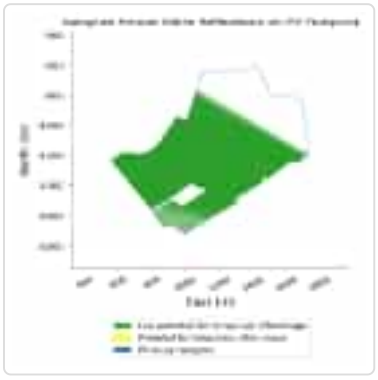
PV array is expected to produce the following glare for this receptor:

- 2,973 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





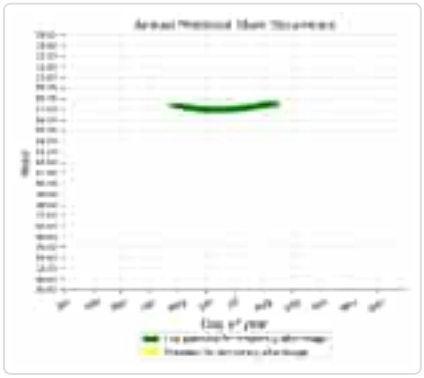


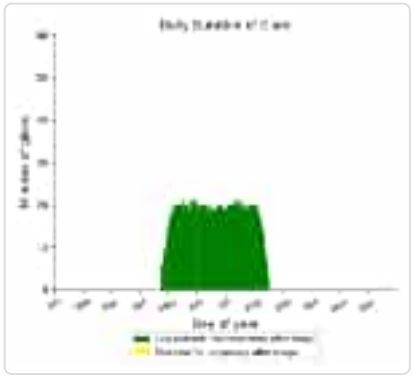


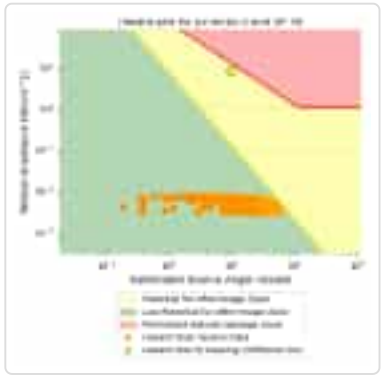
PV array 3: OP 48

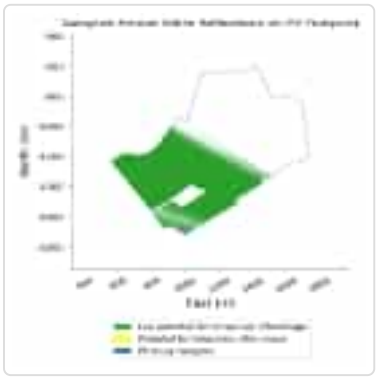
PV array is expected to produce the following glare for this receptor:

- 2,121 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





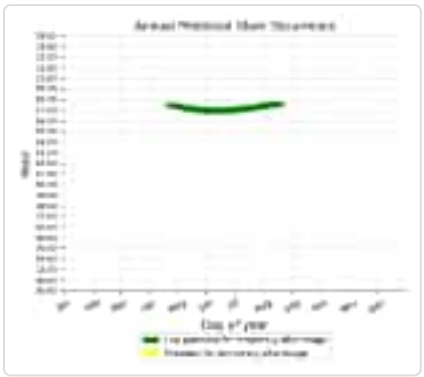


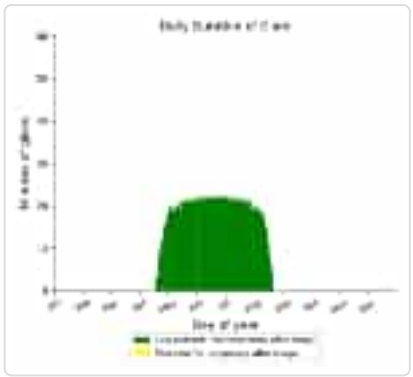


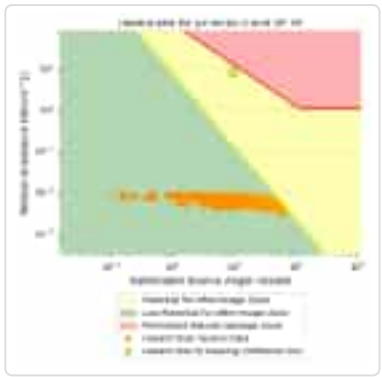
PV array 3: OP 49

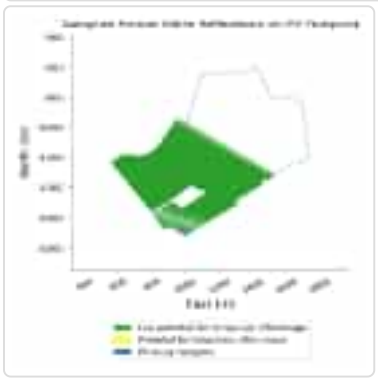
PV array is expected to produce the following glare for this receptor:

- 2,403 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





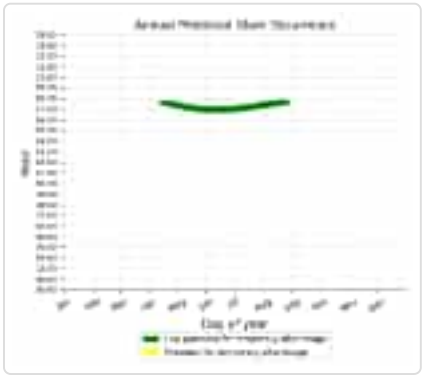


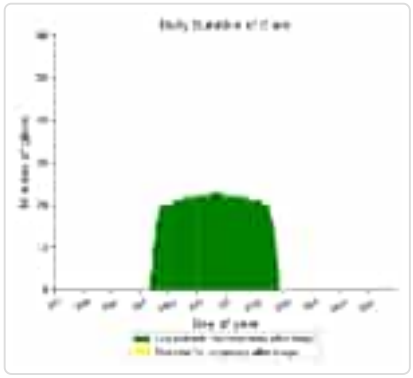


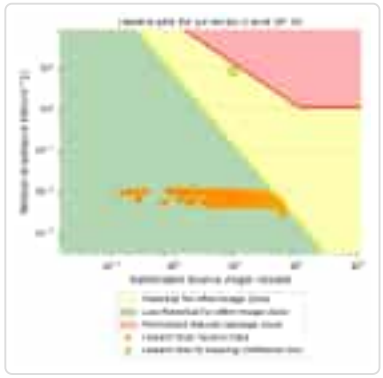
PV array 3: OP 50

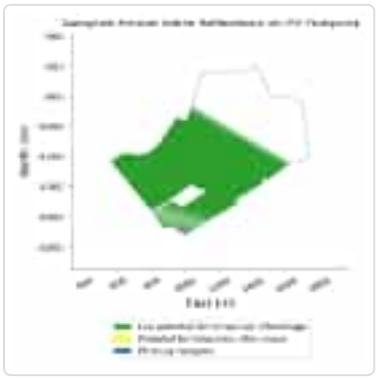
PV array is expected to produce the following glare for this receptor:

- 2,779 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





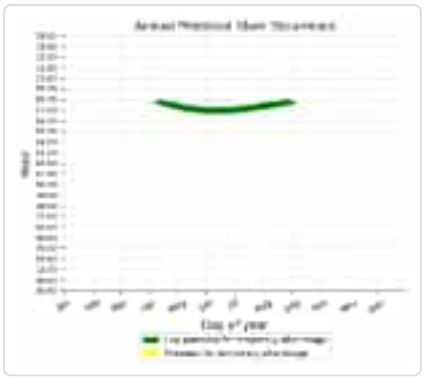


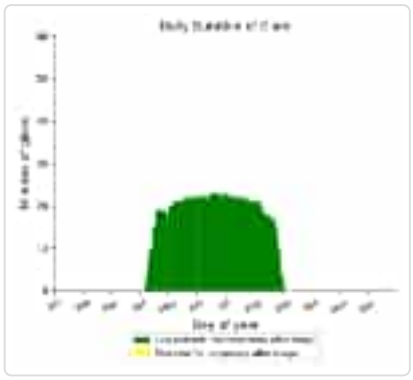


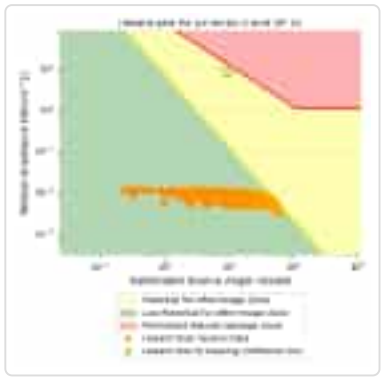
PV array 3: OP 51

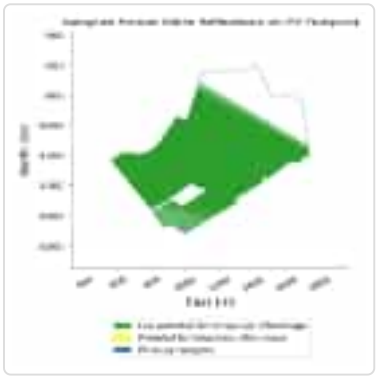
PV array is expected to produce the following glare for this receptor:

- 2,877 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





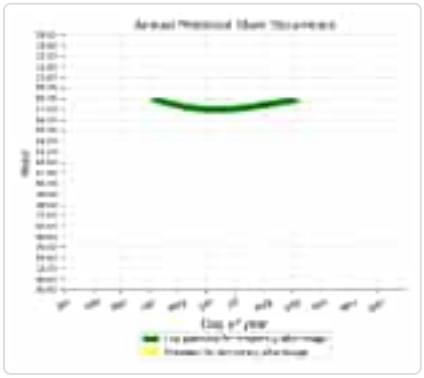


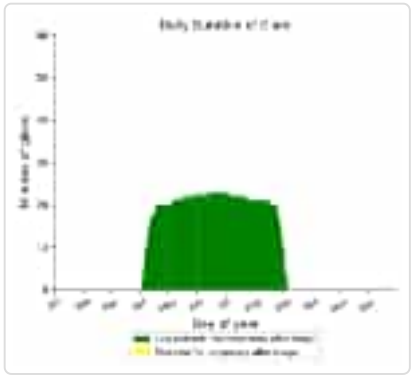


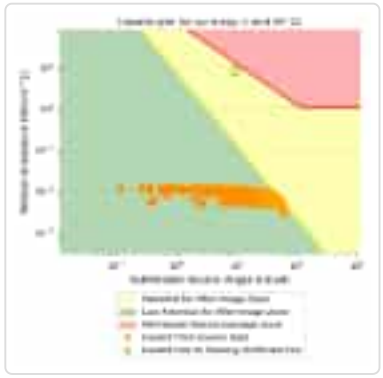
PV array 3: OP 52

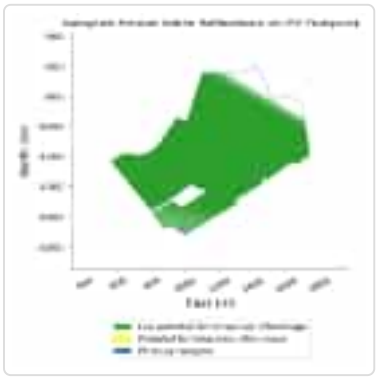
PV array is expected to produce the following glare for this receptor:

- 3,108 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





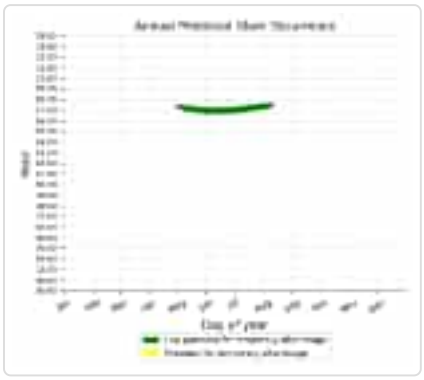


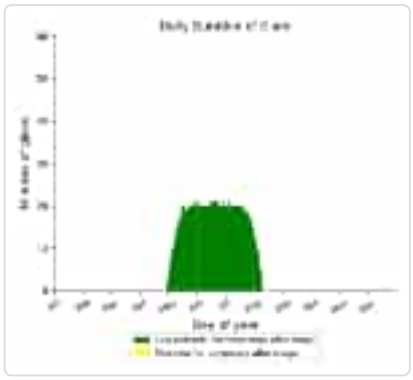


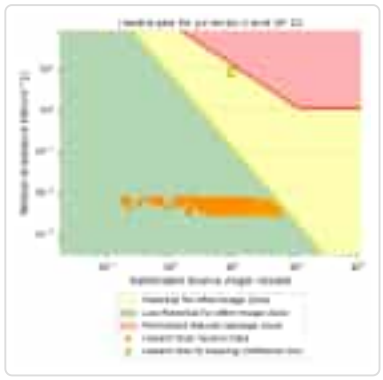
PV array 3: OP 53

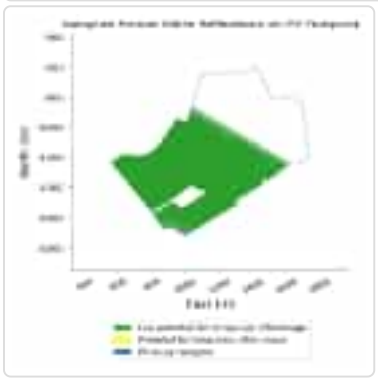
PV array is expected to produce the following glare for this receptor:

- 1,791 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





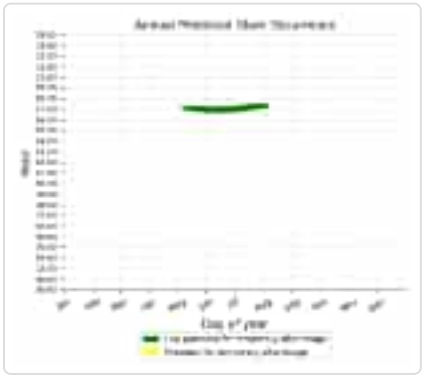


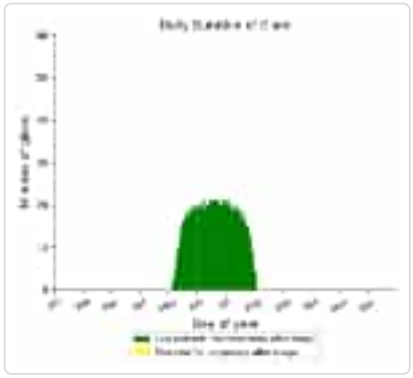


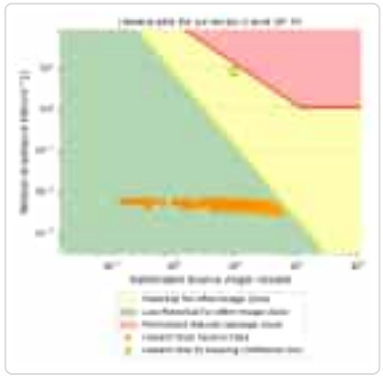
PV array 3: OP 54

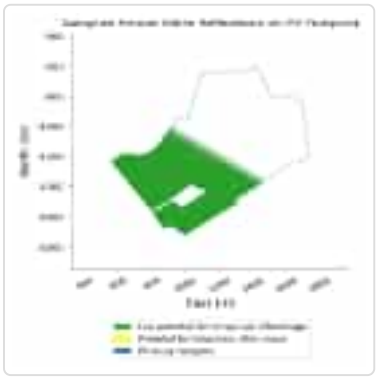
PV array is expected to produce the following glare for this receptor:

- 1,539 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





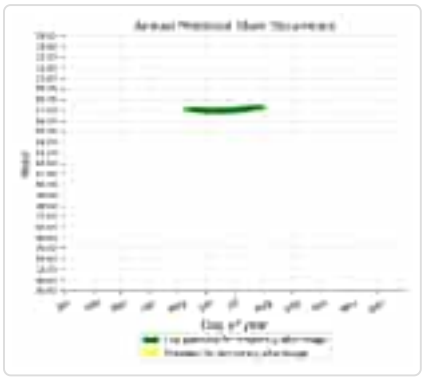


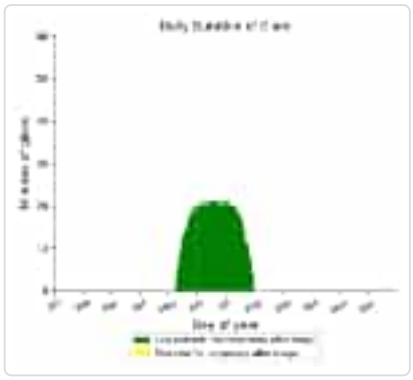


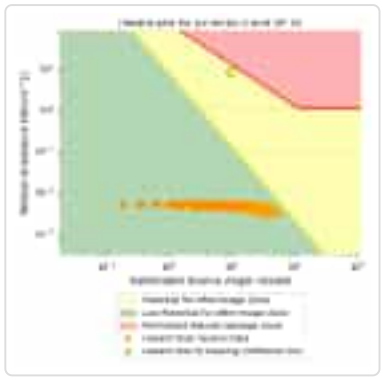
PV array 3: OP 55

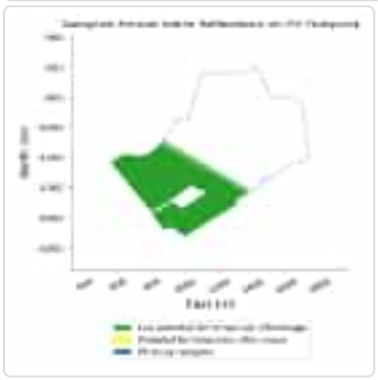
PV array is expected to produce the following glare for this receptor:

- 1,425 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





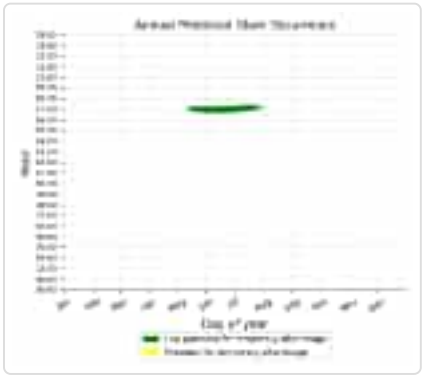


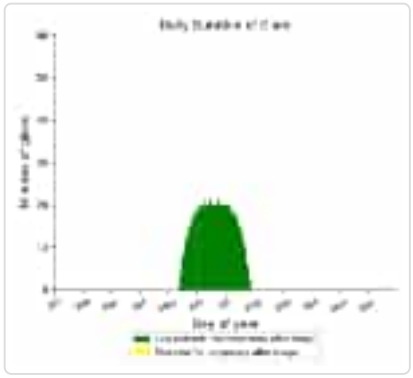


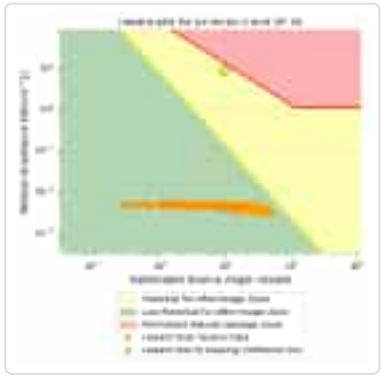
PV array 3: OP 56

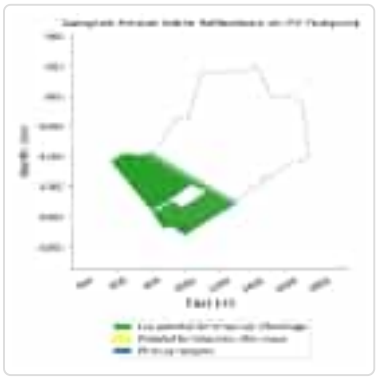
PV array is expected to produce the following glare for this receptor:

- 1,236 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





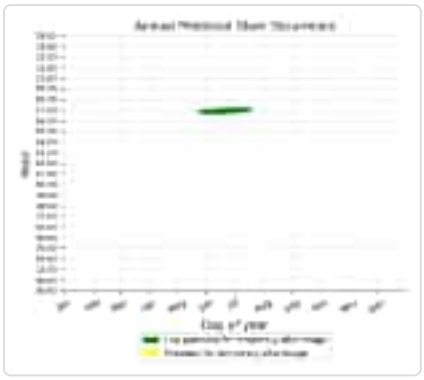


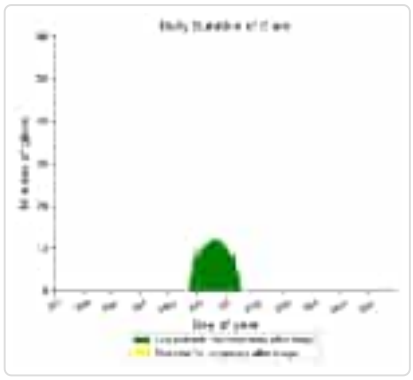


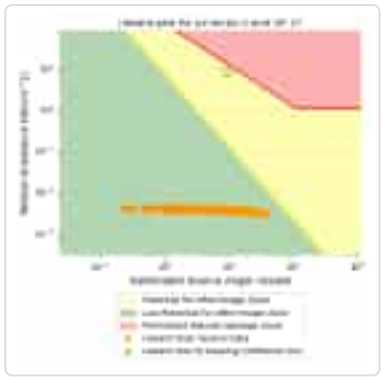
PV array 3: OP 57

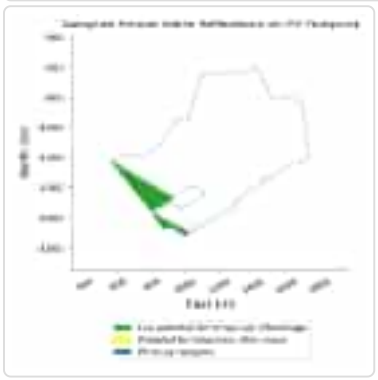
PV array is expected to produce the following glare for this receptor:

- 503 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





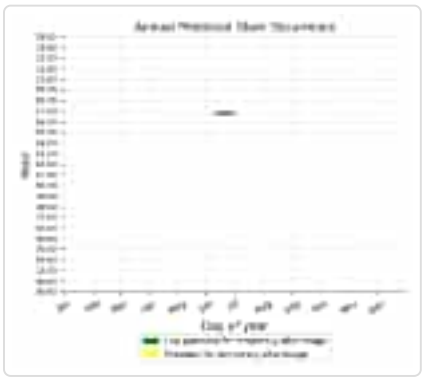


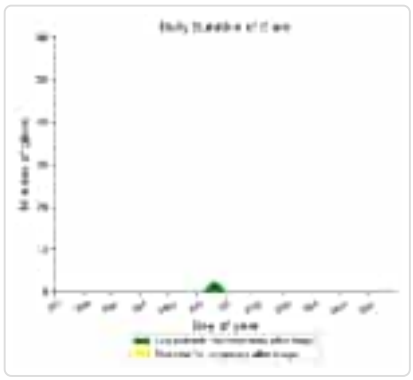


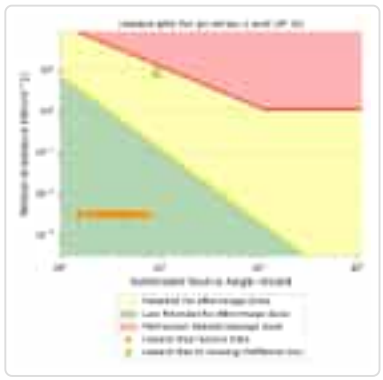
PV array 3: OP 58

PV array is expected to produce the following glare for this receptor:

- 32 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 3: OP 59

No glare found

PV array 3: OP 60

No glare found

PV array 3: OP 61

No glare found

PV array 3: OP 62

No glare found

PV array 3: OP 63

No glare found

PV array 3: OP 64

No glare found

PV array 3: OP 65

No glare found

PV array 3: OP 66

No glare found

PV array 3: OP 67

No glare found

PV array 3: OP 68

No glare found

PV array 3: OP 69

No glare found

PV array 3: OP 70

No glare found

PV array 3: OP 71

No glare found

PV array 3: OP 72

No glare found

PV array 3: OP 73

No glare found

PV array 3: OP 74

No glare found

PV array 3: OP 75

No glare found

PV array 3: OP 76

No glare found

PV array 3: OP 77

No glare found

PV array 3: OP 78

No glare found

PV array 3: OP 79

No glare found

PV array 4 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	368	0
OP: OP 4	769	0
OP: OP 5	1170	139
OP: OP 6	1515	570
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0

OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	3530	0
OP: OP 23	3551	0
OP: OP 24	0	0
OP: OP 25	3699	0
OP: OP 26	3457	275
OP: OP 27	3014	476
OP: OP 28	2368	236
OP: OP 29	0	0
OP: OP 30	16	0
OP: OP 31	1169	268
OP: OP 32	0	0
OP: OP 33	1207	762
OP: OP 34	2050	1589
OP: OP 35	1630	3221
OP: OP 36	2878	3269
OP: OP 37	2274	7825
OP: OP 38	1783	8318
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	80	0
OP: OP 52	905	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0

OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

PV array 4: OP 1

No glare found

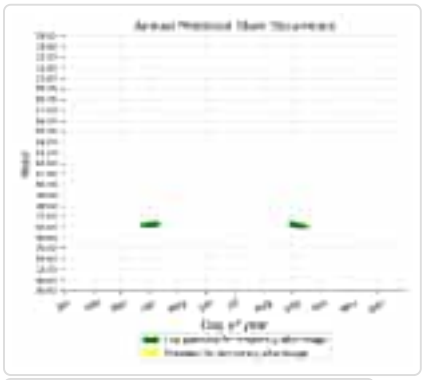
PV array 4: OP 2

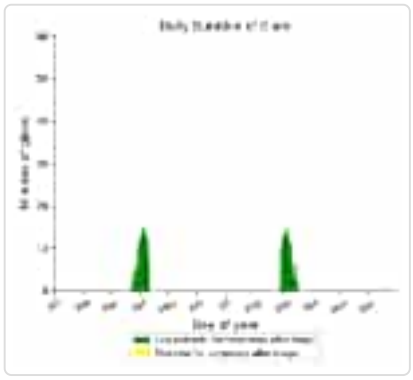
No glare found

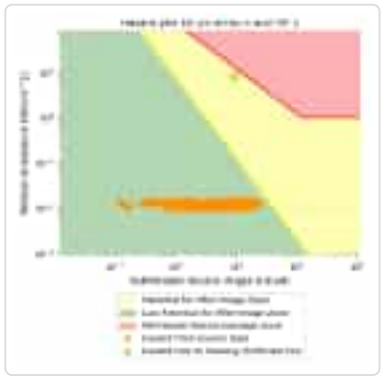
PV array 4: OP 3

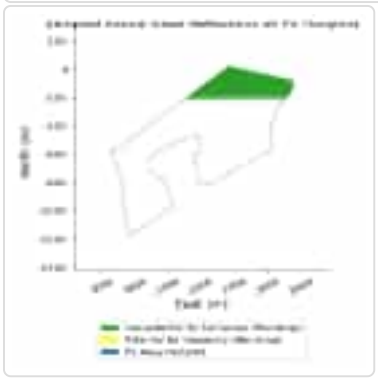
PV array is expected to produce the following glare for this receptor:

- 368 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





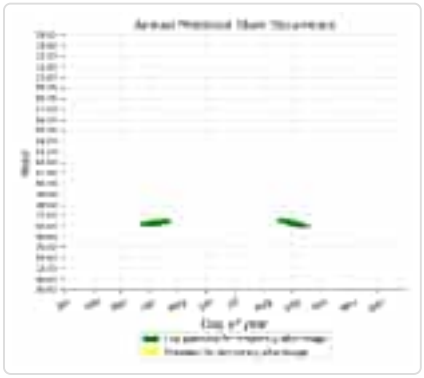


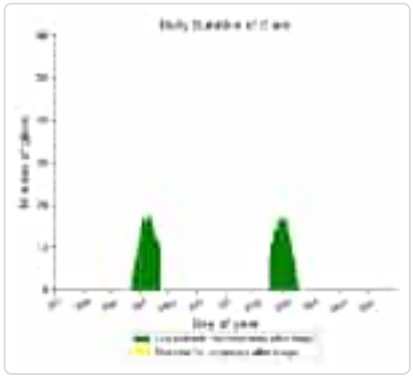


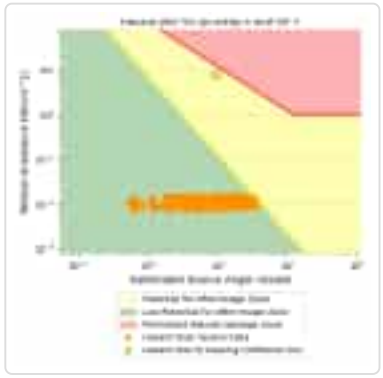
PV array 4: OP 4

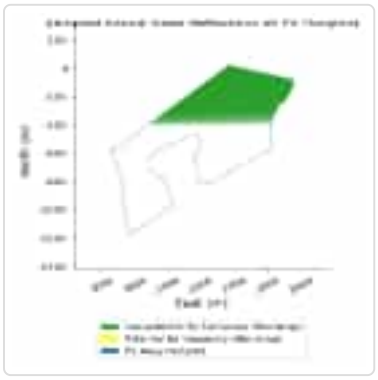
PV array is expected to produce the following glare for this receptor:

- 769 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





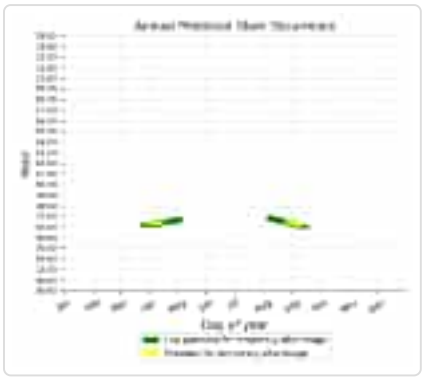


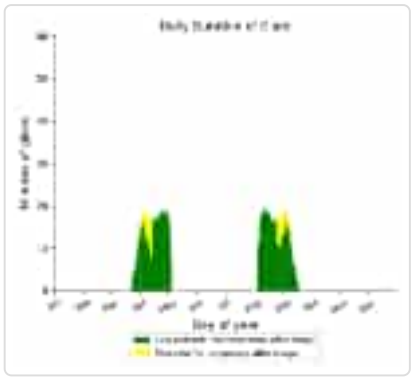


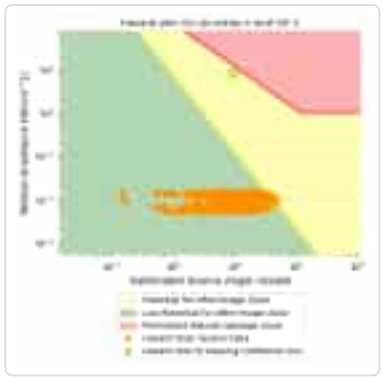
PV array 4: OP 5

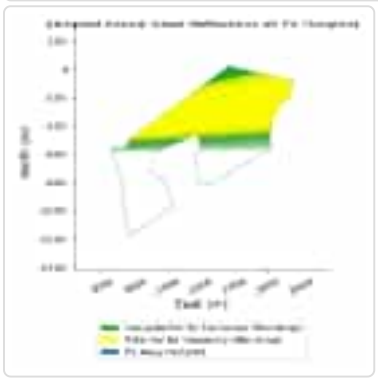
PV array is expected to produce the following glare for this receptor:

- 1,170 minutes of "green" glare with low potential to cause temporary after-image.
- 139 minutes of "yellow" glare with potential to cause temporary after-image.





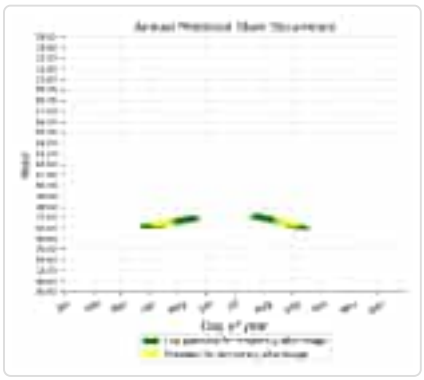


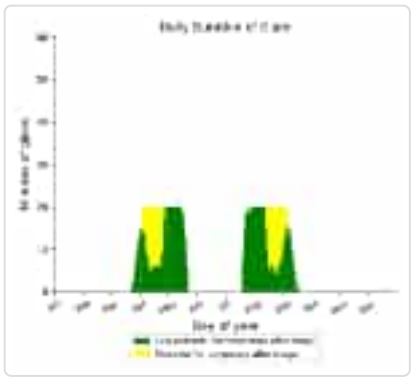


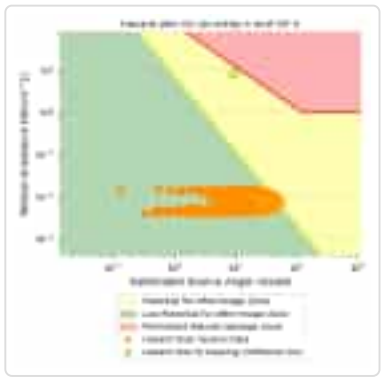
PV array 4: OP 6

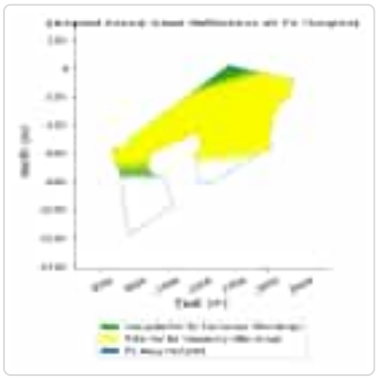
PV array is expected to produce the following glare for this receptor:

- 1,515 minutes of "green" glare with low potential to cause temporary after-image.
- 570 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 7

No glare found

PV array 4: OP 8

No glare found

PV array 4: OP 9

No glare found

PV array 4: OP 10

No glare found

PV array 4: OP 11

No glare found

PV array 4: OP 12

No glare found

PV array 4: OP 13

No glare found

PV array 4: OP 14

No glare found

PV array 4: OP 15

No glare found

PV array 4: OP 16

No glare found

PV array 4: OP 17

No glare found

PV array 4: OP 18

No glare found

PV array 4: OP 19

No glare found

PV array 4: OP 20

No glare found

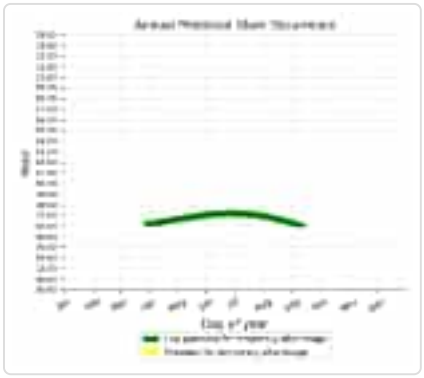
PV array 4: OP 21

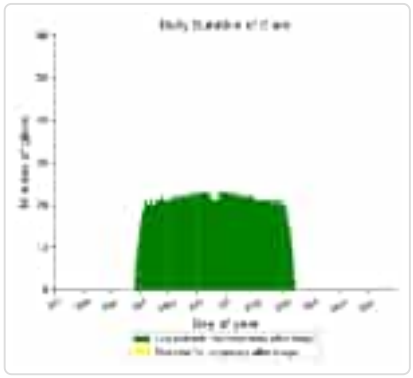
No glare found

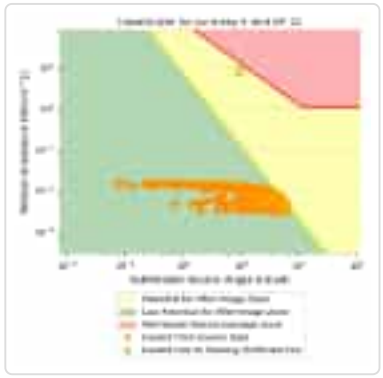
PV array 4: OP 22

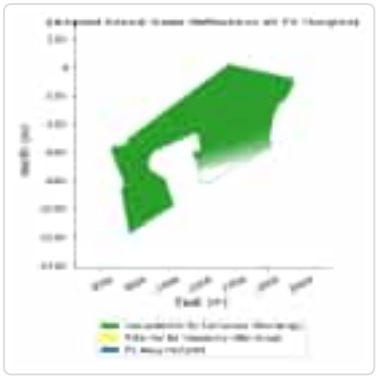
PV array is expected to produce the following glare for this receptor:

- 3,530 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





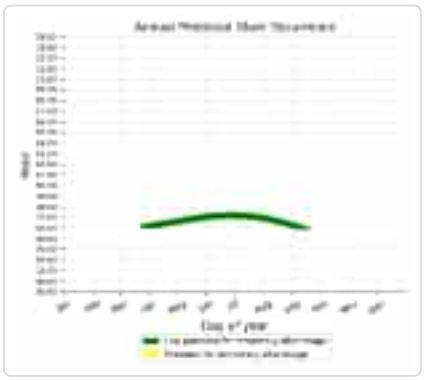
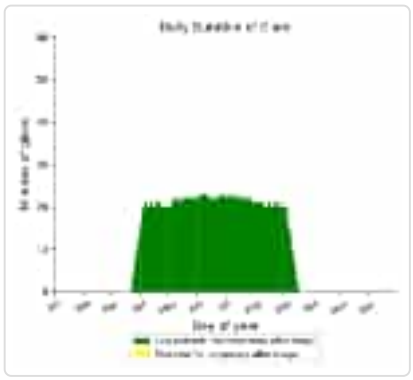
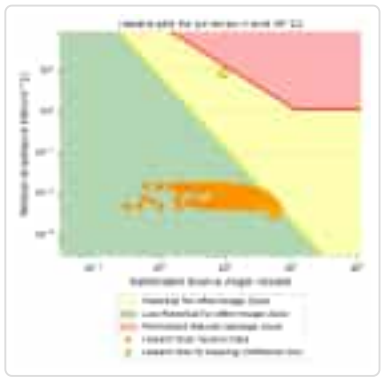
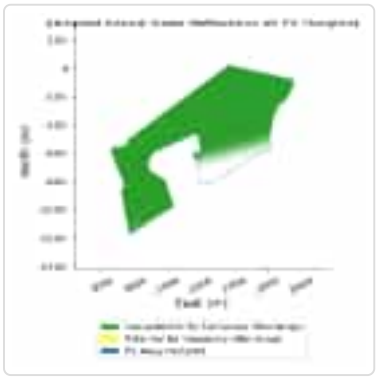




PV array 4: OP 23

PV array is expected to produce the following glare for this receptor:

- 3,551 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

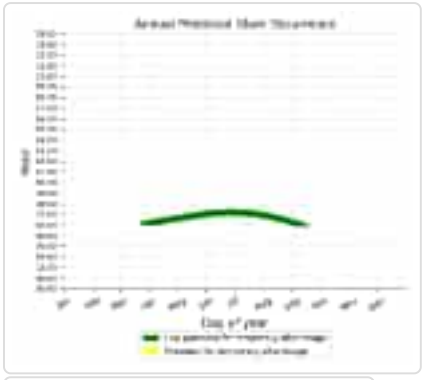
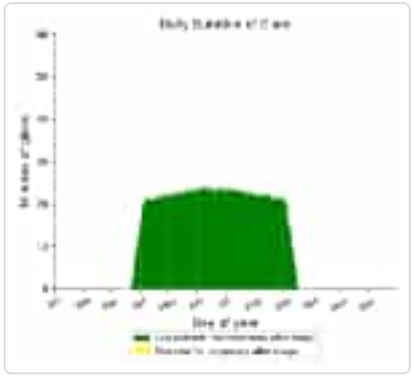
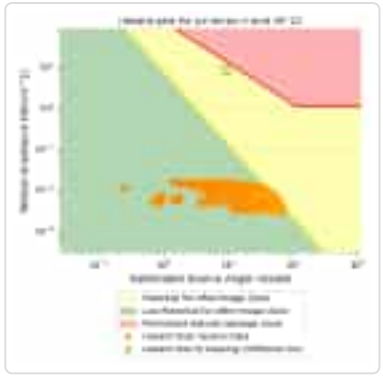
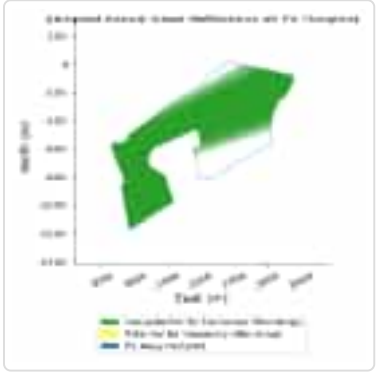
PV array 4: OP 24

No glare found

PV array 4: OP 25

PV array is expected to produce the following glare for this receptor:

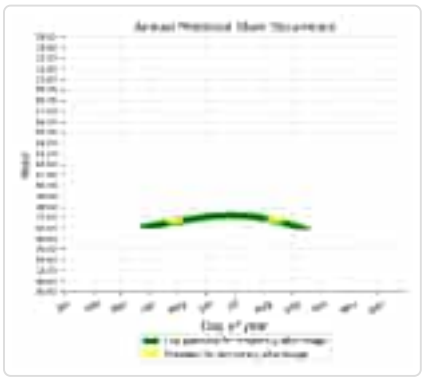
- 3,699 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

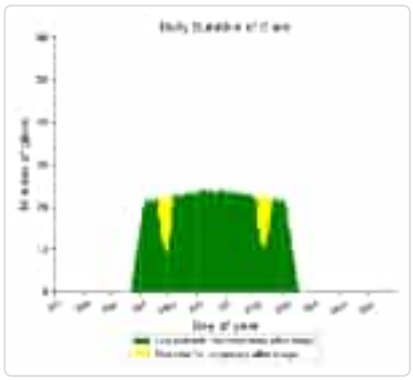





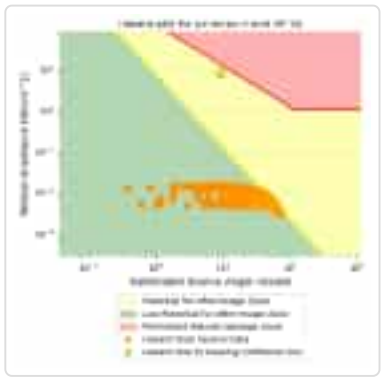
PV array 4: OP 26

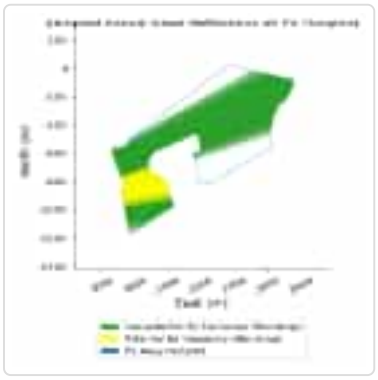
PV array is expected to produce the following glare for this receptor:

- 3,457 minutes of "green" glare with low potential to cause temporary after-image.
- 275 minutes of "yellow" glare with potential to cause temporary after-image.





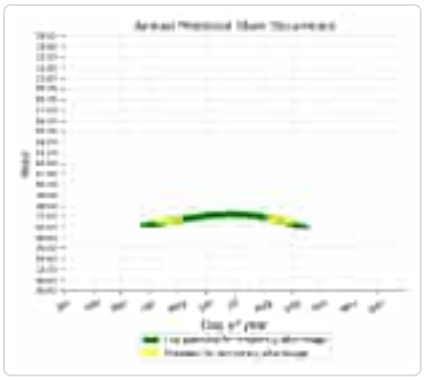


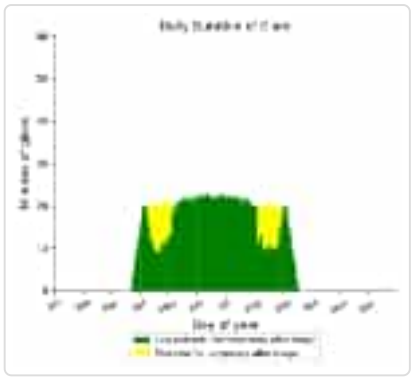


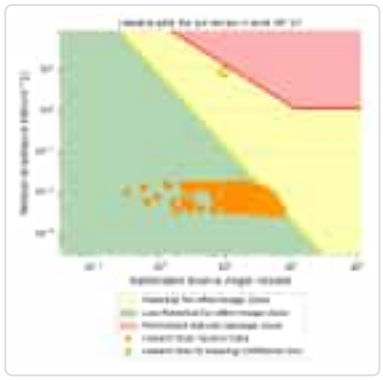
PV array 4: OP 27

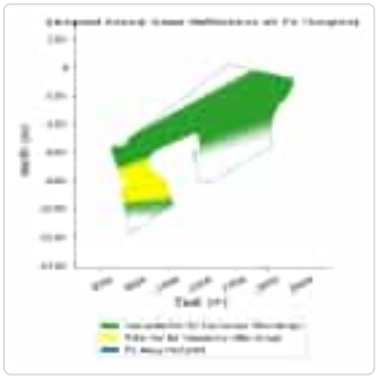
PV array is expected to produce the following glare for this receptor:

- 3,014 minutes of "green" glare with low potential to cause temporary after-image.
- 476 minutes of "yellow" glare with potential to cause temporary after-image.





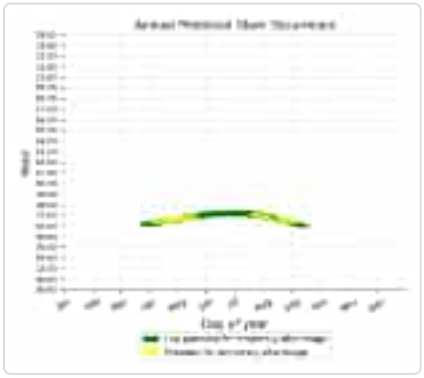


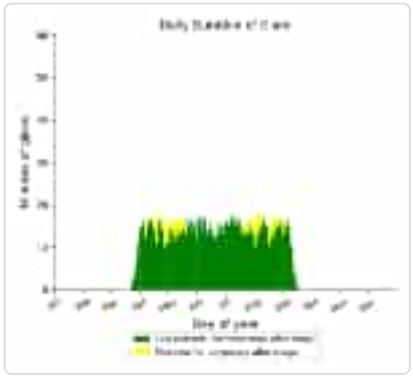


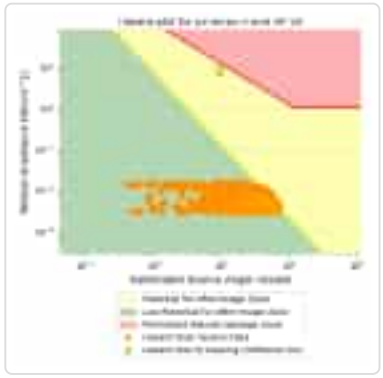
PV array 4: OP 28

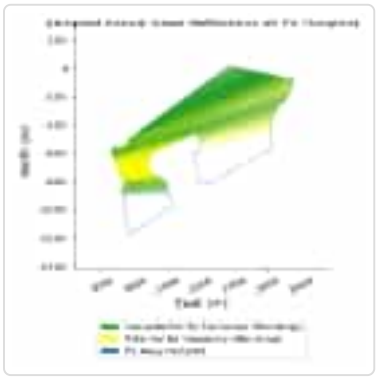
PV array is expected to produce the following glare for this receptor:

- 2,368 minutes of "green" glare with low potential to cause temporary after-image.
- 236 minutes of "yellow" glare with potential to cause temporary after-image.









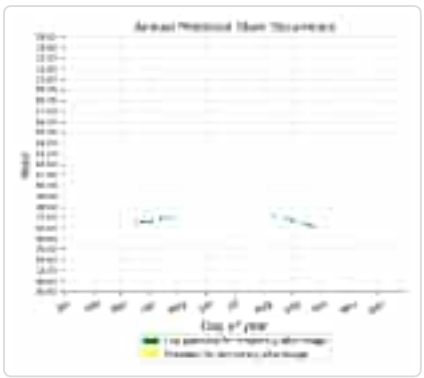
PV array 4: OP 29

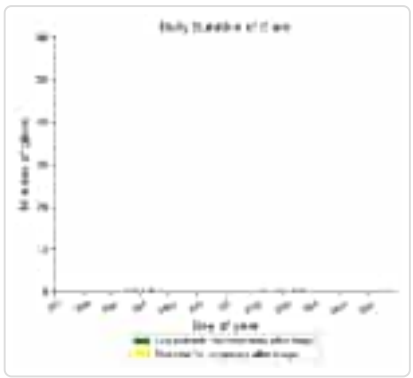
No glare found

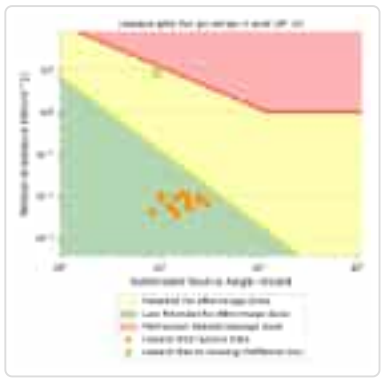
PV array 4: OP 30

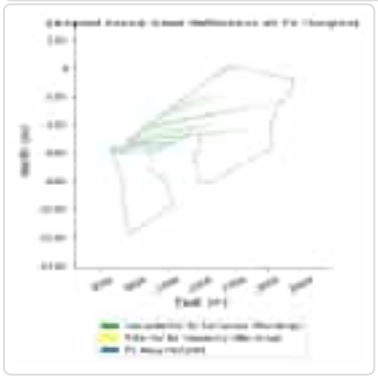
PV array is expected to produce the following glare for this receptor:

- 16 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





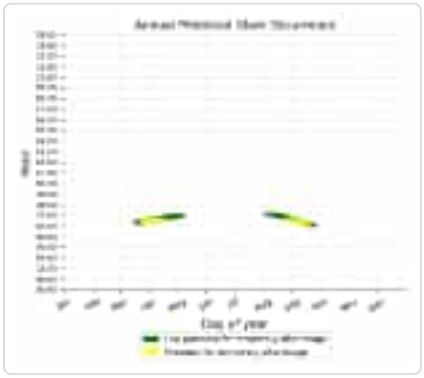


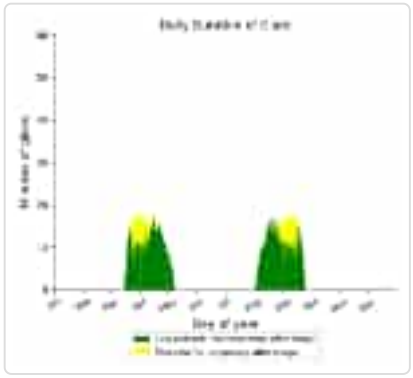


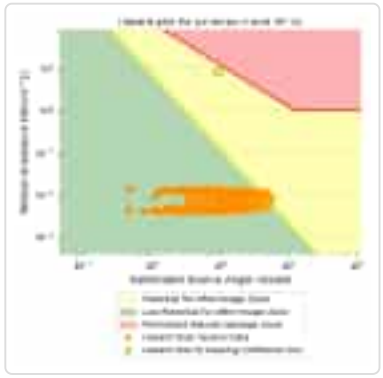
PV array 4: OP 31

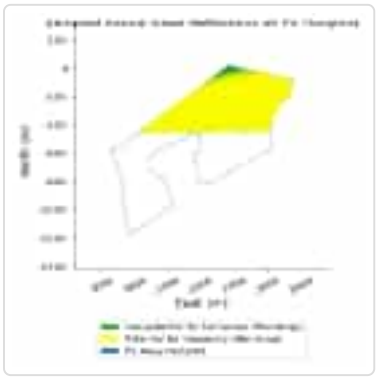
PV array is expected to produce the following glare for this receptor:

- 1,169 minutes of "green" glare with low potential to cause temporary after-image.
- 268 minutes of "yellow" glare with potential to cause temporary after-image.









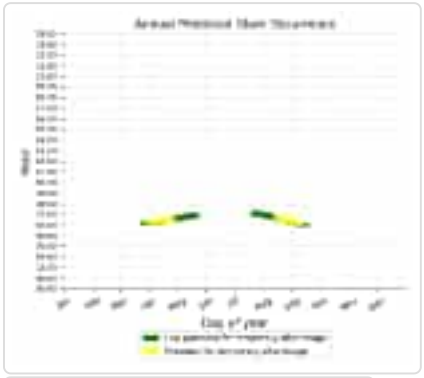
PV array 4: OP 32

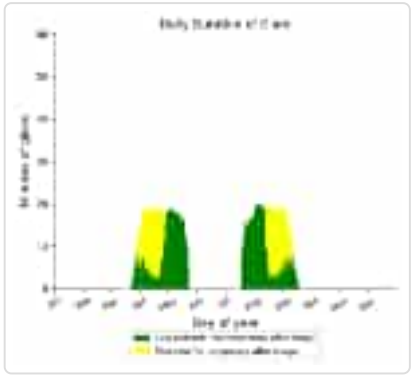
No glare found

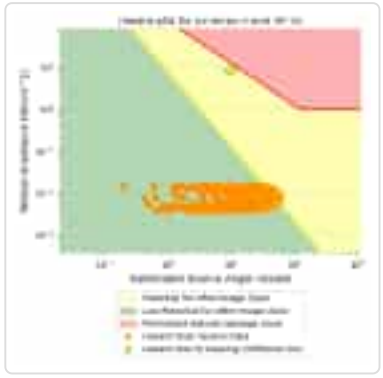
PV array 4: OP 33

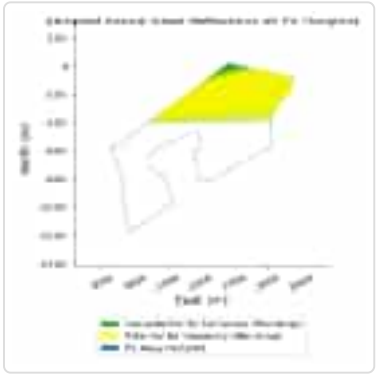
PV array is expected to produce the following glare for this receptor:

- 1,207 minutes of "green" glare with low potential to cause temporary after-image.
- 762 minutes of "yellow" glare with potential to cause temporary after-image.





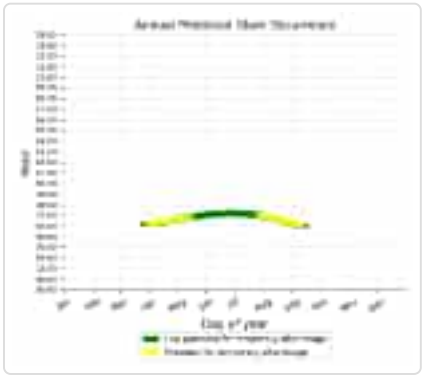


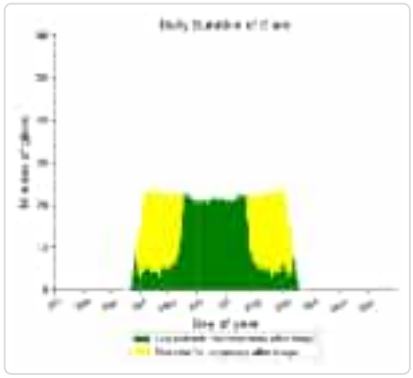


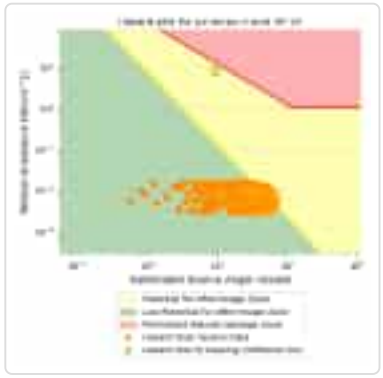
PV array 4: OP 34

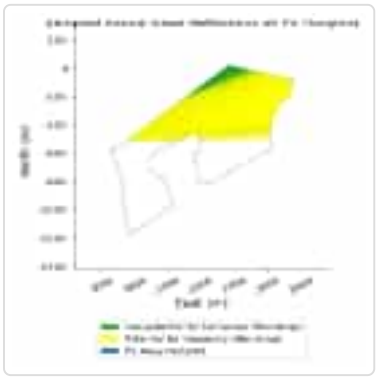
PV array is expected to produce the following glare for this receptor:

- 2,050 minutes of "green" glare with low potential to cause temporary after-image.
- 1,589 minutes of "yellow" glare with potential to cause temporary after-image.





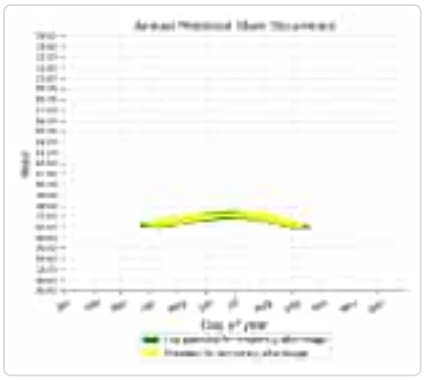


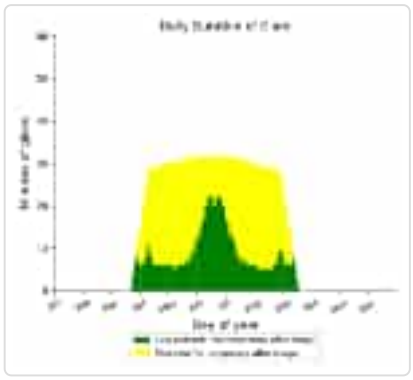


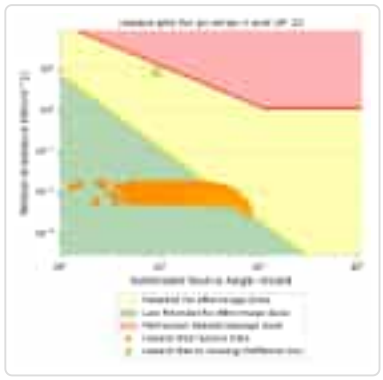
PV array 4: OP 35

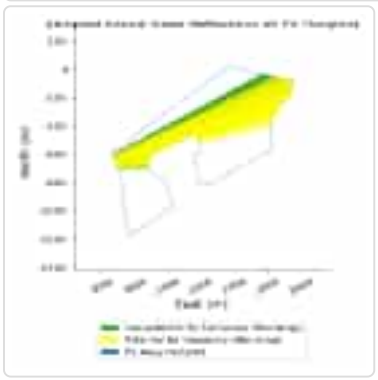
PV array is expected to produce the following glare for this receptor:

- 1,630 minutes of "green" glare with low potential to cause temporary after-image.
- 3,221 minutes of "yellow" glare with potential to cause temporary after-image.





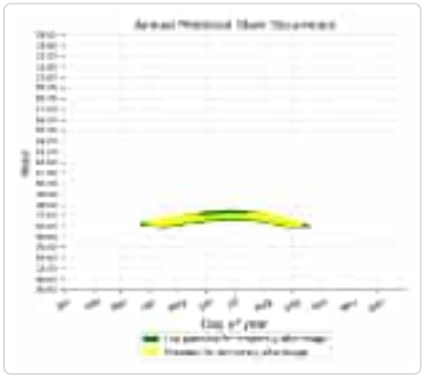


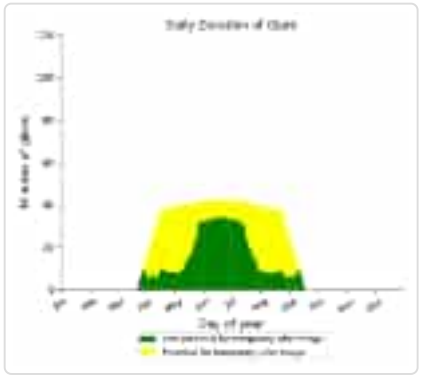


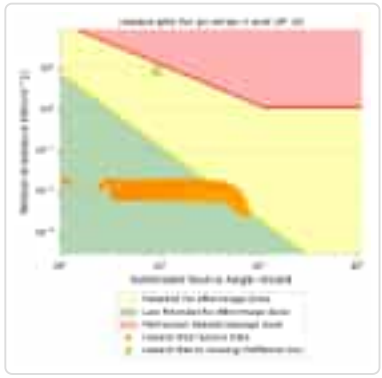
PV array 4: OP 36

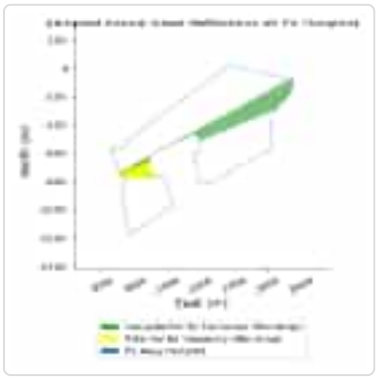
PV array is expected to produce the following glare for this receptor:

- 2,878 minutes of "green" glare with low potential to cause temporary after-image.
- 3,269 minutes of "yellow" glare with potential to cause temporary after-image.





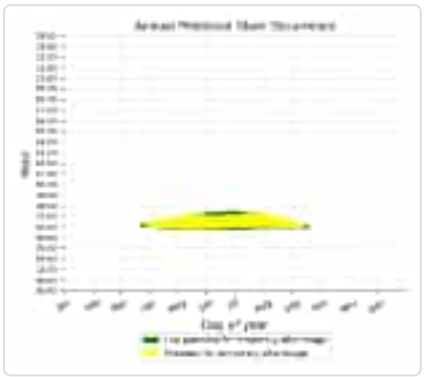


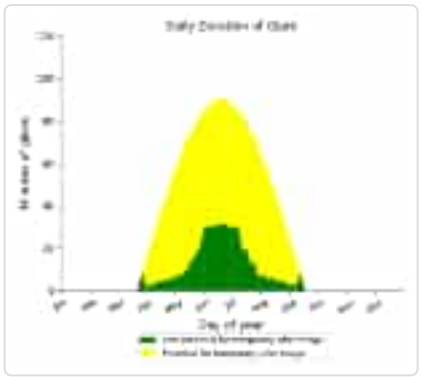


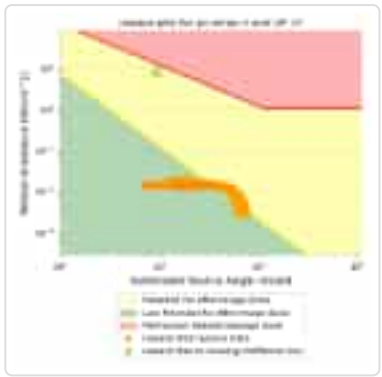
PV array 4: OP 37

PV array is expected to produce the following glare for this receptor:

- 2,274 minutes of "green" glare with low potential to cause temporary after-image.
- 7,825 minutes of "yellow" glare with potential to cause temporary after-image.



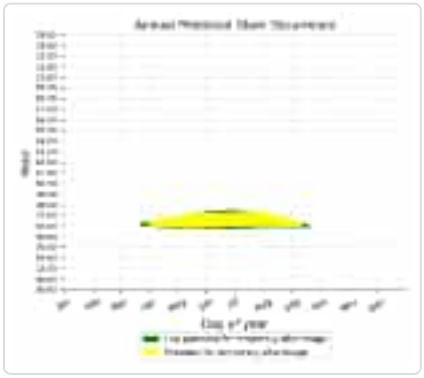


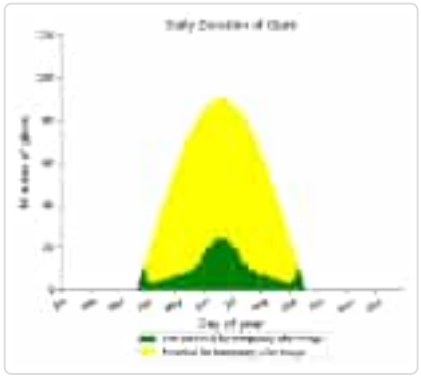


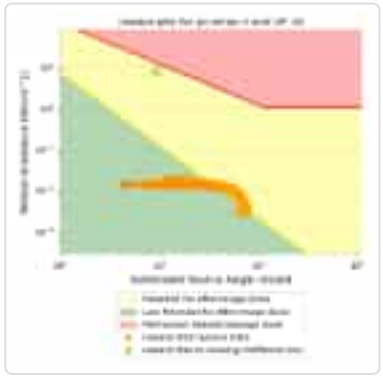
PV array 4: OP 38

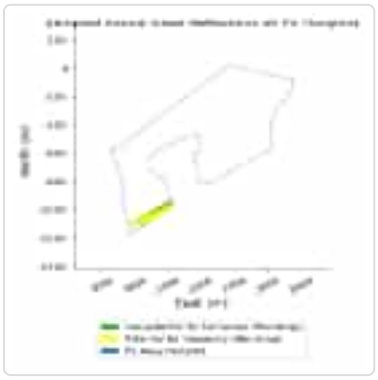
PV array is expected to produce the following glare for this receptor:

- 1,783 minutes of "green" glare with low potential to cause temporary after-image.
- 8,318 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 39

No glare found

PV array 4: OP 40

No glare found

PV array 4: OP 41

No glare found

PV array 4: OP 42

No glare found

PV array 4: OP 43

No glare found

PV array 4: OP 44

No glare found

PV array 4: OP 45

No glare found

PV array 4: OP 46

No glare found

PV array 4: OP 47

No glare found

PV array 4: OP 48

No glare found

PV array 4: OP 49

No glare found

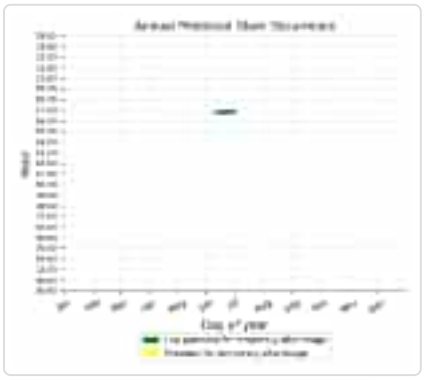
PV array 4: OP 50

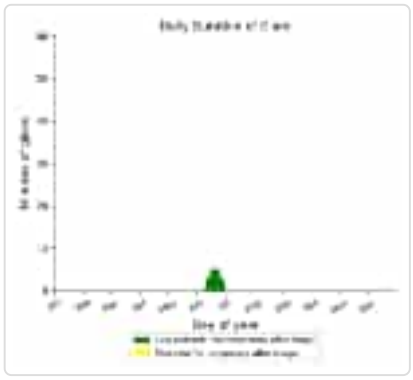
No glare found

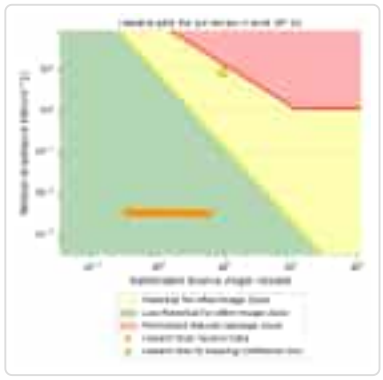
PV array 4: OP 51

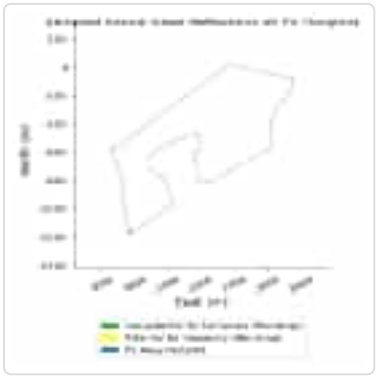
PV array is expected to produce the following glare for this receptor:

- 80 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





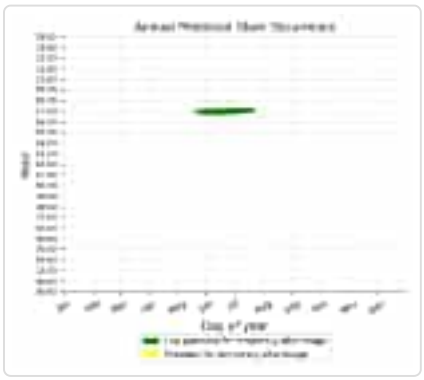


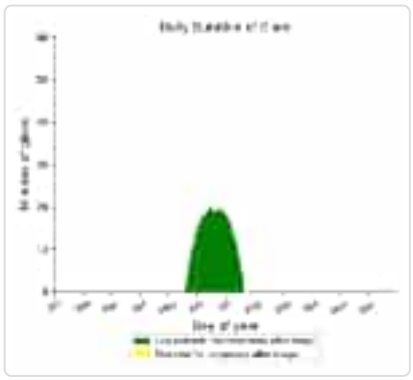


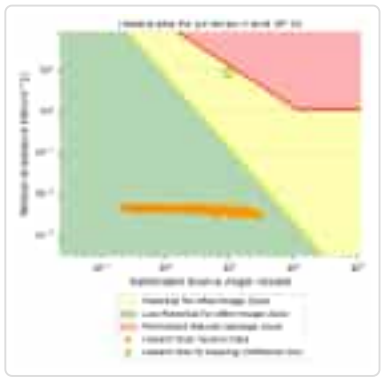
PV array 4: OP 52

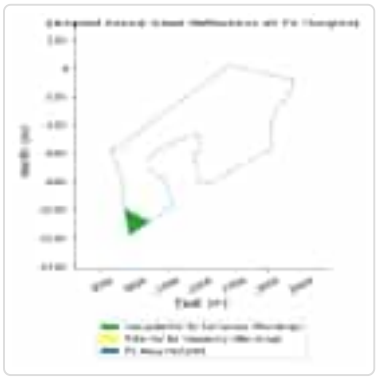
PV array is expected to produce the following glare for this receptor:

- 905 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 53

No glare found

PV array 4: OP 54

No glare found

PV array 4: OP 55

No glare found

PV array 4: OP 56

No glare found

PV array 4: OP 57

No glare found

PV array 4: OP 58

No glare found

PV array 4: OP 59

No glare found

PV array 4: OP 60

No glare found

PV array 4: OP 61

No glare found

PV array 4: OP 62

No glare found

PV array 4: OP 63

No glare found

PV array 4: OP 64

No glare found

PV array 4: OP 65

No glare found

PV array 4: OP 66

No glare found

PV array 4: OP 67

No glare found

PV array 4: OP 68

No glare found

PV array 4: OP 69

No glare found

PV array 4: OP 70

No glare found

PV array 4: OP 71

No glare found

PV array 4: OP 72

No glare found

PV array 4: OP 73

No glare found

PV array 4: OP 74

No glare found

PV array 4: OP 75

No glare found

PV array 4: OP 76

No glare found

PV array 4: OP 77

No glare found

PV array 4: OP 78

No glare found

PV array 4: OP 79

No glare found

PV array 5 low potential for temporary after-image

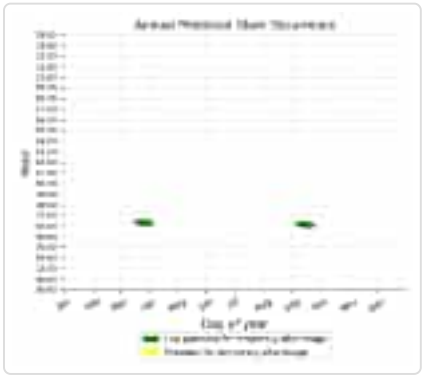
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	526	0
OP: OP 2	868	0
OP: OP 3	1334	0
OP: OP 4	1764	0
OP: OP 5	2010	0
OP: OP 6	2254	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	124	0
OP: OP 16	1051	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	616	0
OP: OP 22	3092	0
OP: OP 23	3144	0
OP: OP 24	611	0
OP: OP 25	3209	0
OP: OP 26	3203	0
OP: OP 27	3470	0
OP: OP 28	3762	0
OP: OP 29	3467	0
OP: OP 30	2784	0
OP: OP 31	2704	0
OP: OP 32	2827	0
OP: OP 33	3025	0
OP: OP 34	3951	0
OP: OP 35	3947	0
OP: OP 36	3535	0
OP: OP 37	2779	0
OP: OP 38	936	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0

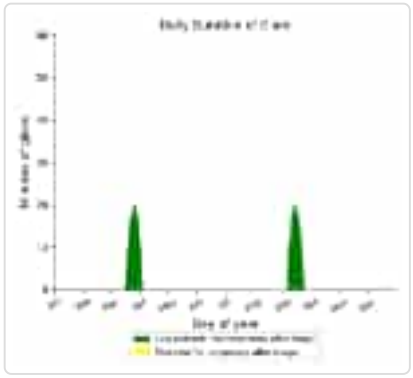
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

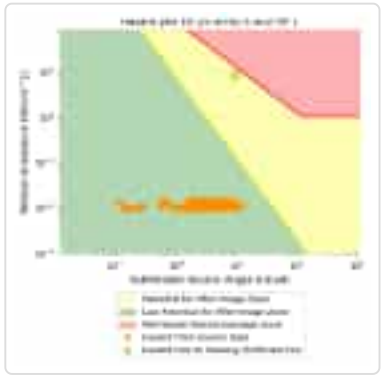
PV array 5: OP 1

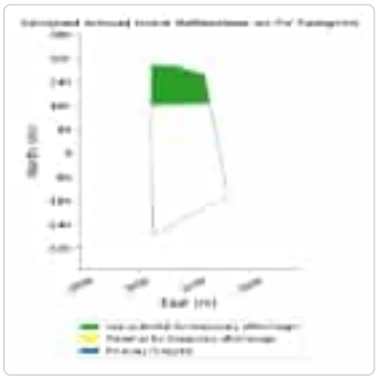
PV array is expected to produce the following glare for this receptor:

- 526 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





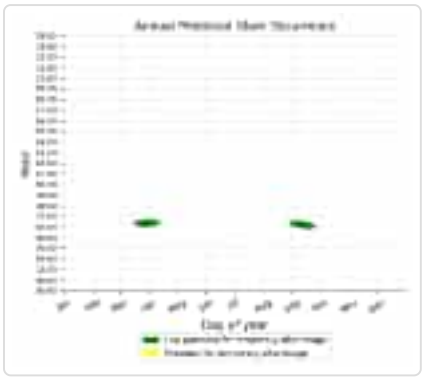


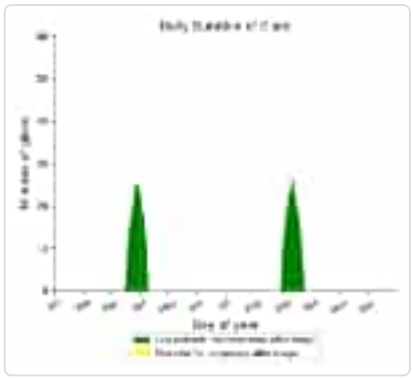


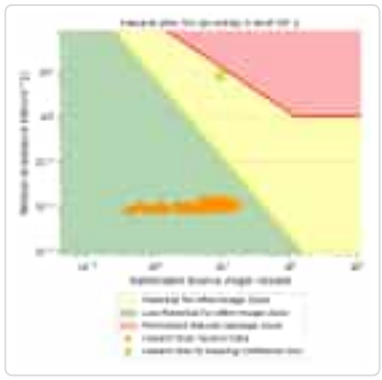
PV array 5: OP 2

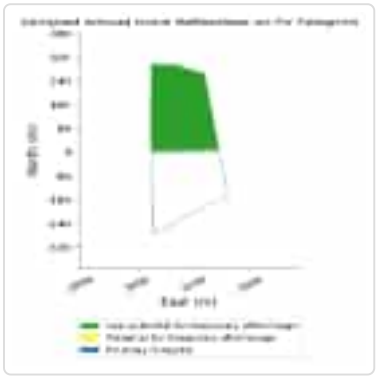
PV array is expected to produce the following glare for this receptor:

- 868 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





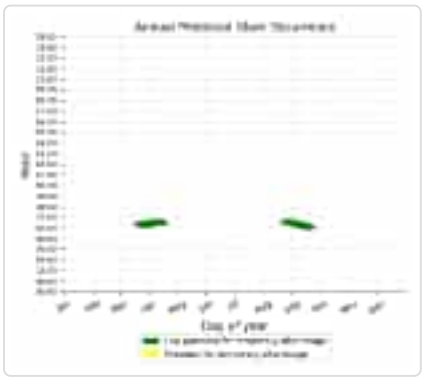


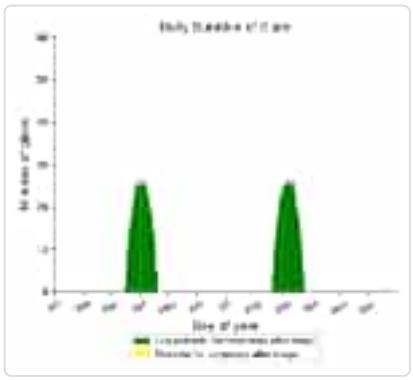


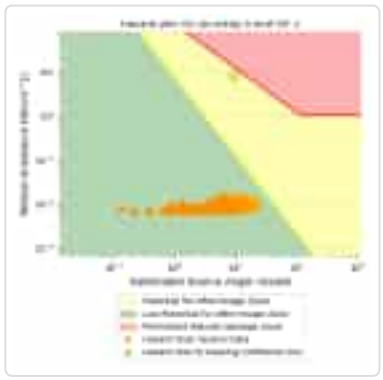
PV array 5: OP 3

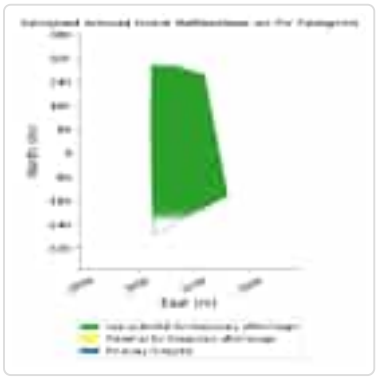
PV array is expected to produce the following glare for this receptor:

- 1,334 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





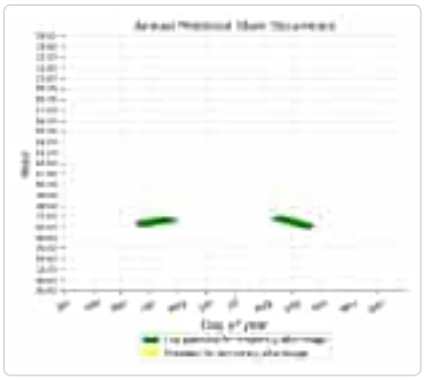


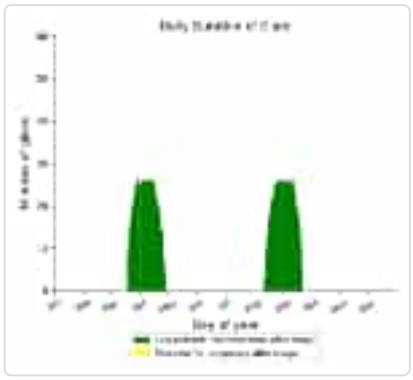


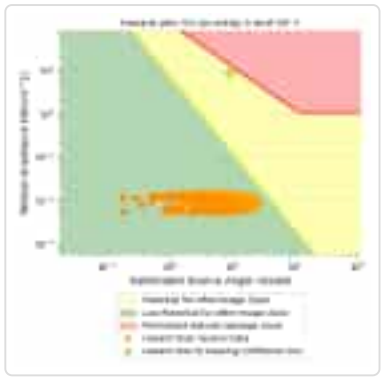
PV array 5: OP 4

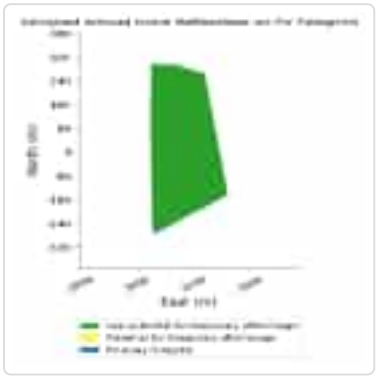
PV array is expected to produce the following glare for this receptor:

- 1,764 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





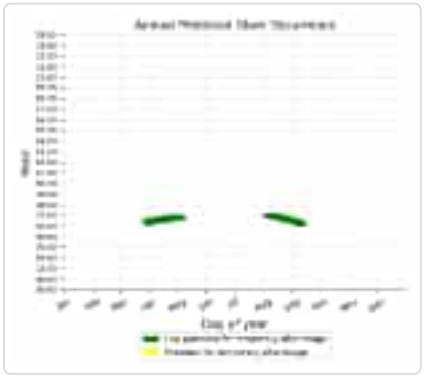


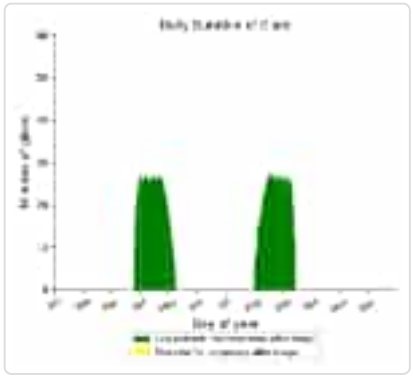


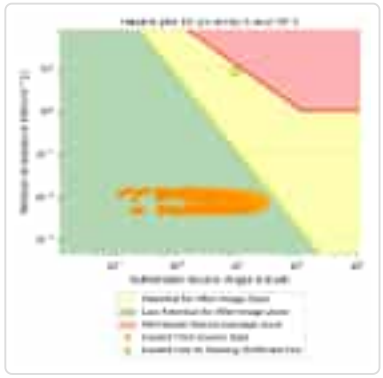
PV array 5: OP 5

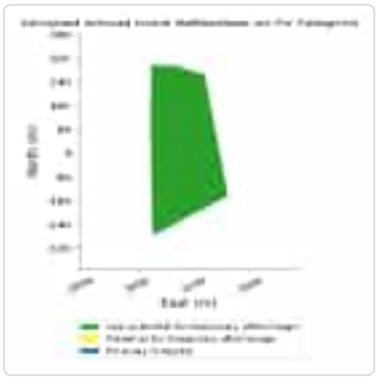
PV array is expected to produce the following glare for this receptor:

- 2,010 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





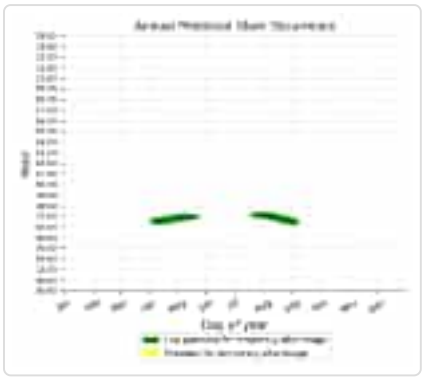


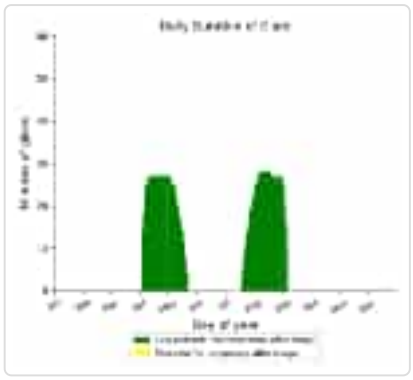


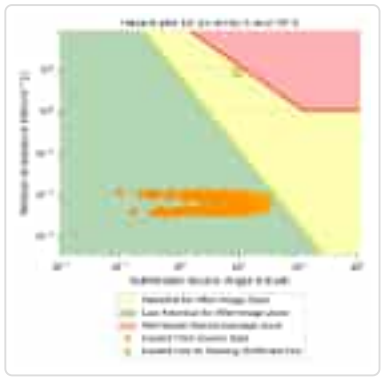
PV array 5: OP 6

PV array is expected to produce the following glare for this receptor:

- 2,254 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 5: OP 7

No glare found

PV array 5: OP 8

No glare found

PV array 5: OP 9

No glare found

PV array 5: OP 10

No glare found

PV array 5: OP 11

No glare found

PV array 5: OP 12

No glare found

PV array 5: OP 13

No glare found

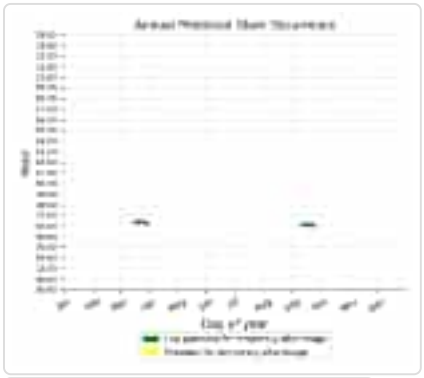
PV array 5: OP 14

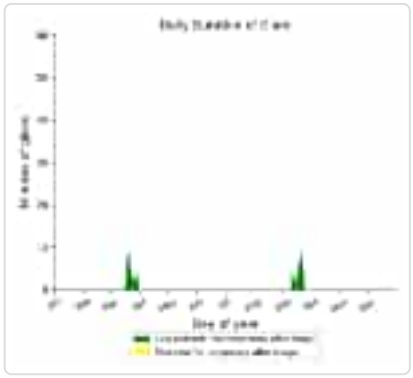
No glare found

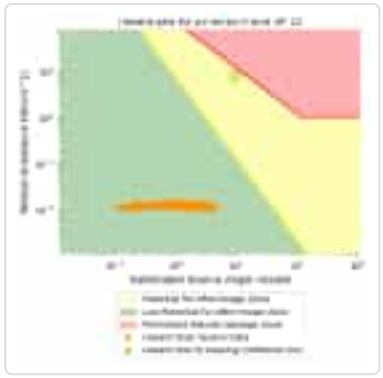
PV array 5: OP 15

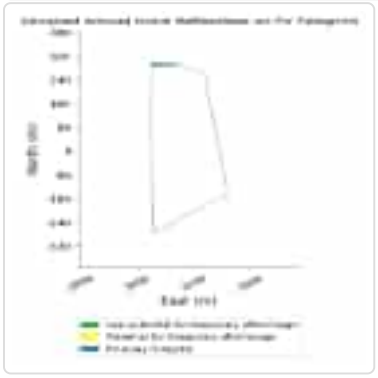
PV array is expected to produce the following glare for this receptor:

- 124 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





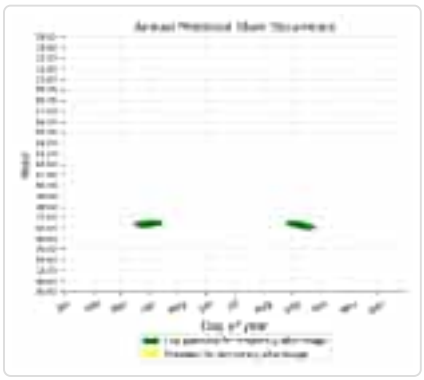


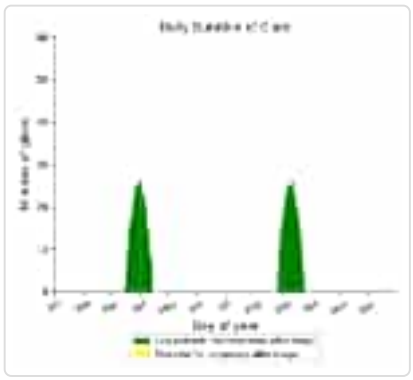


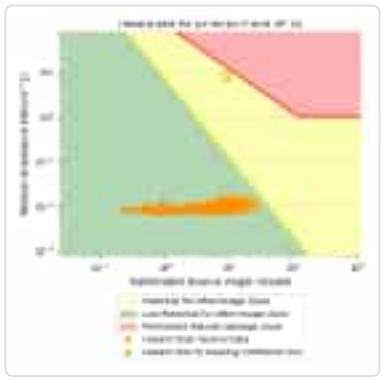
PV array 5: OP 16

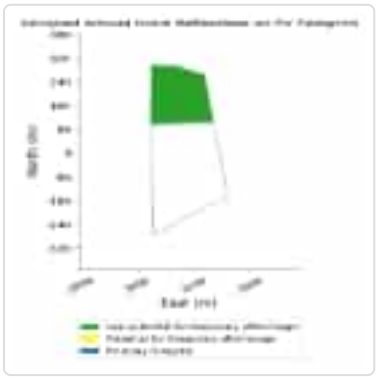
PV array is expected to produce the following glare for this receptor:

- 1,051 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 17

No glare found

PV array 5: OP 18

No glare found

PV array 5: OP 19

No glare found

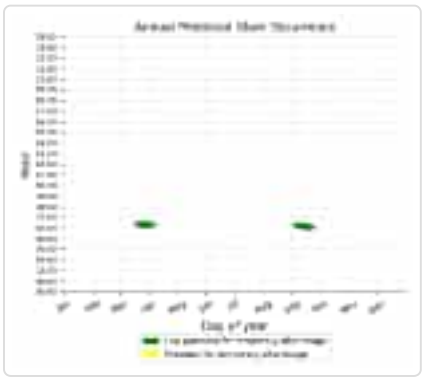
PV array 5: OP 20

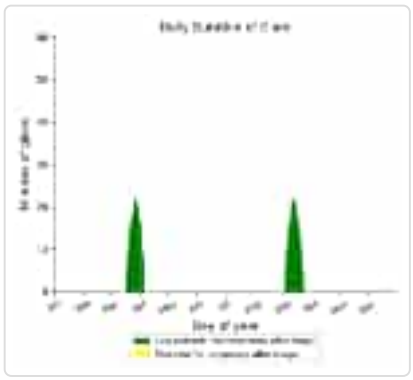
No glare found

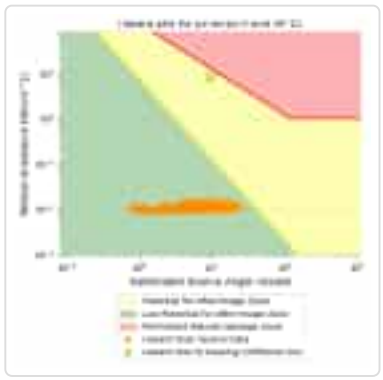
PV array 5: OP 21

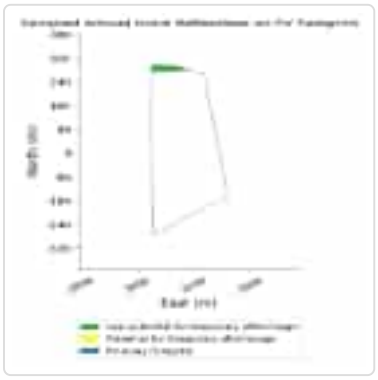
PV array is expected to produce the following glare for this receptor:

- 616 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





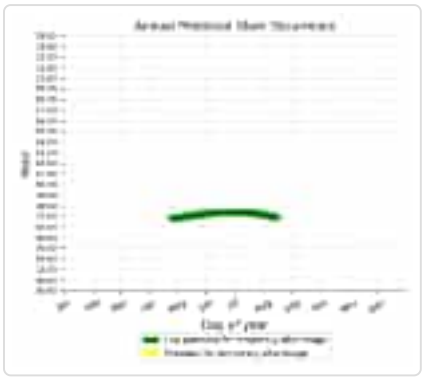


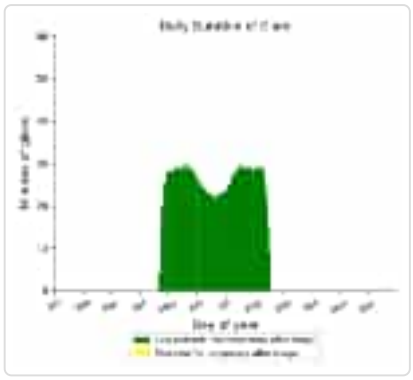


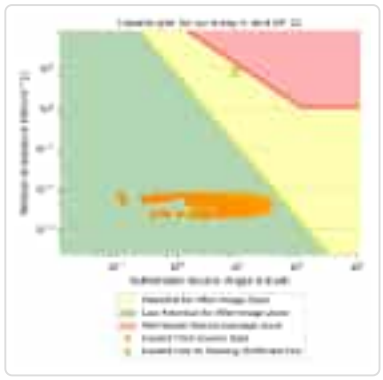
PV array 5: OP 22

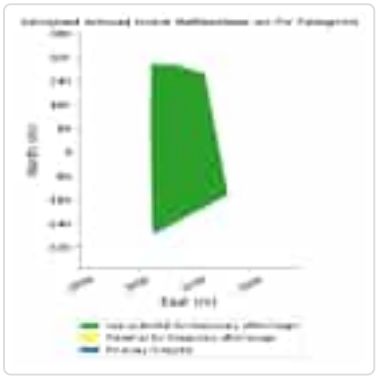
PV array is expected to produce the following glare for this receptor:

- 3,092 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





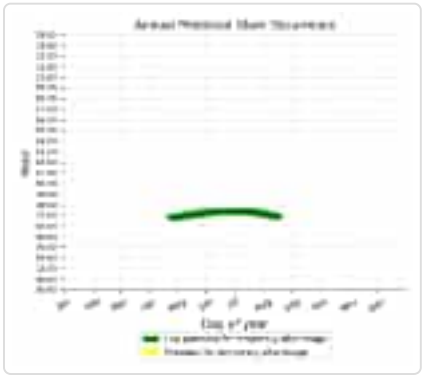


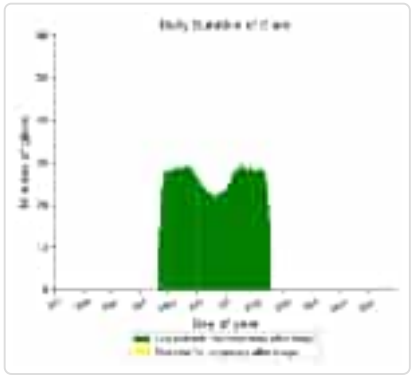


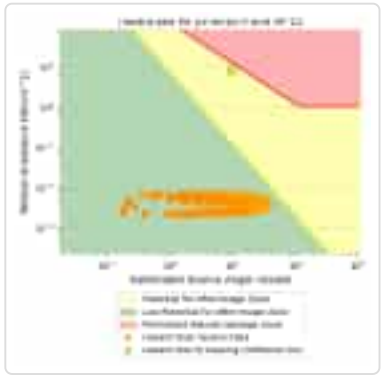
PV array 5: OP 23

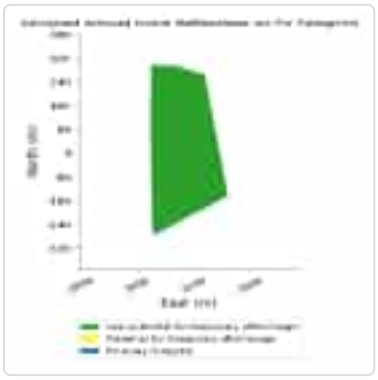
PV array is expected to produce the following glare for this receptor:

- 3,144 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





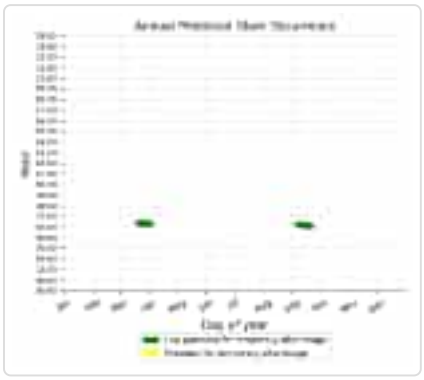


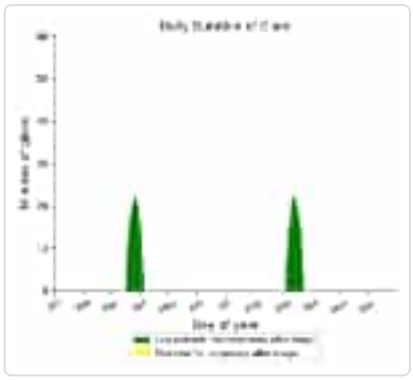


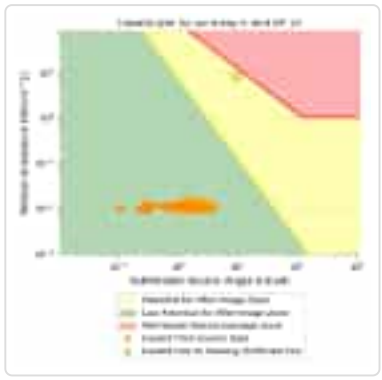
PV array 5: OP 24

PV array is expected to produce the following glare for this receptor:

- 611 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



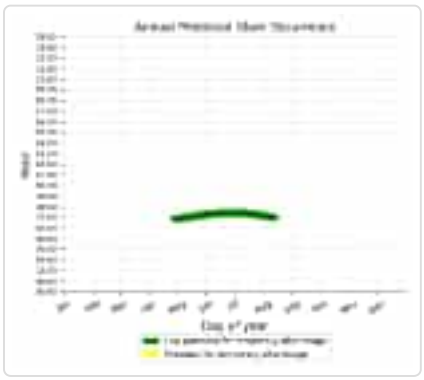


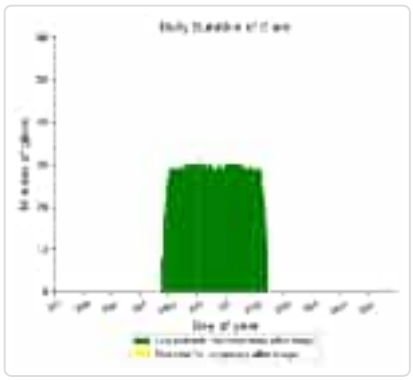


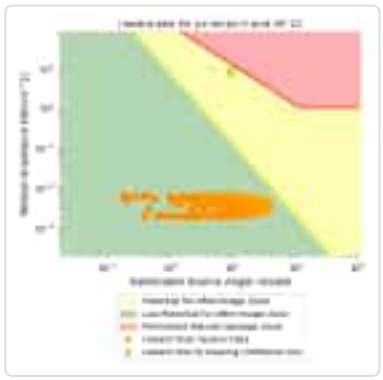
PV array 5: OP 25

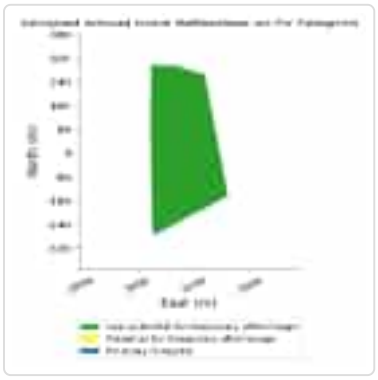
PV array is expected to produce the following glare for this receptor:

- 3,209 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





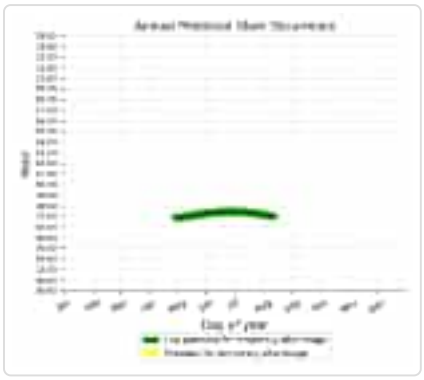


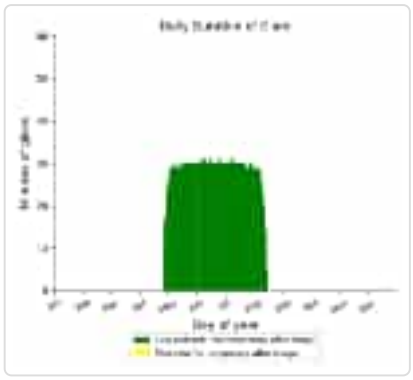


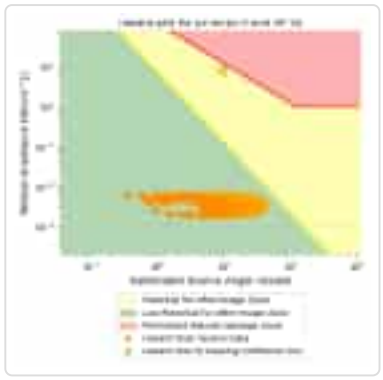
PV array 5: OP 26

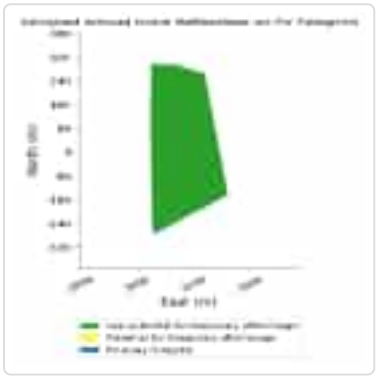
PV array is expected to produce the following glare for this receptor:

- 3,203 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





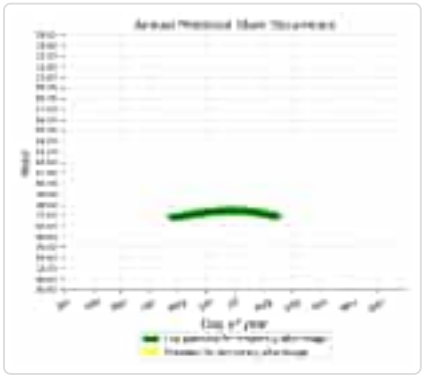


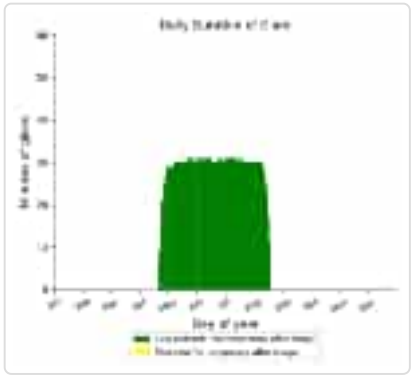


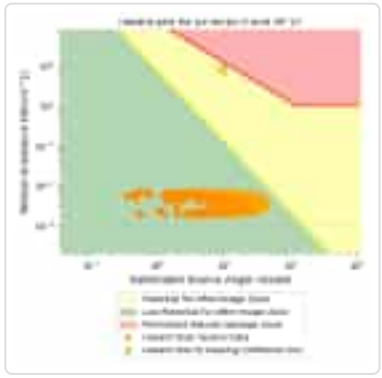
PV array 5: OP 27

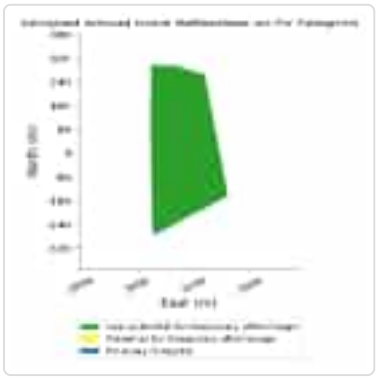
PV array is expected to produce the following glare for this receptor:

- 3,470 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





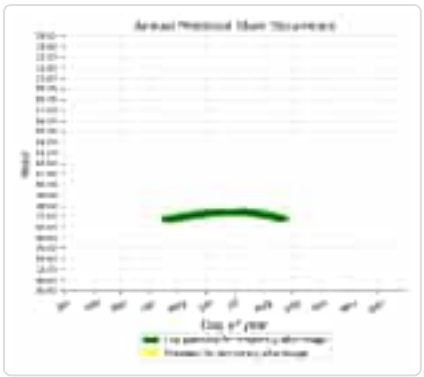


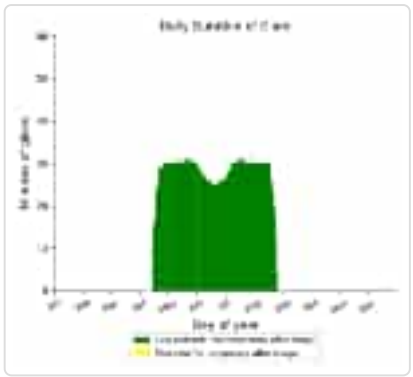


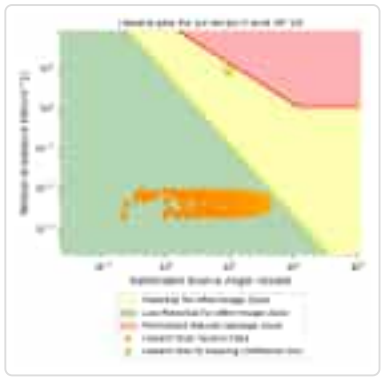
PV array 5: OP 28

PV array is expected to produce the following glare for this receptor:

- 3,762 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



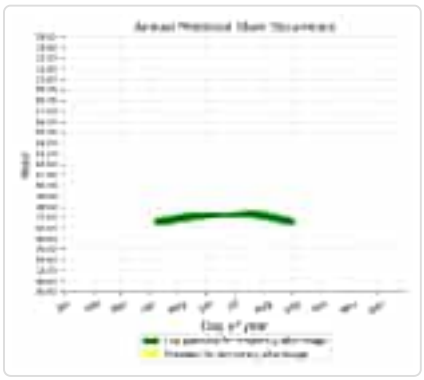


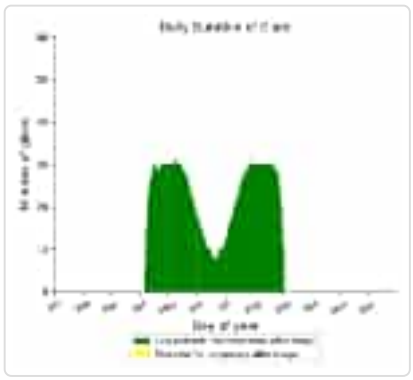


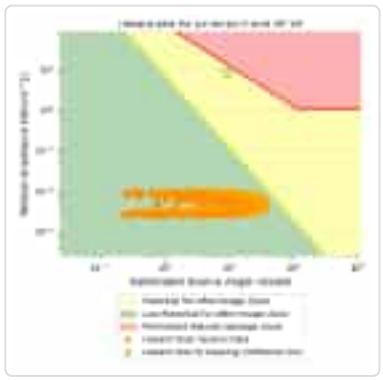
PV array 5: OP 29

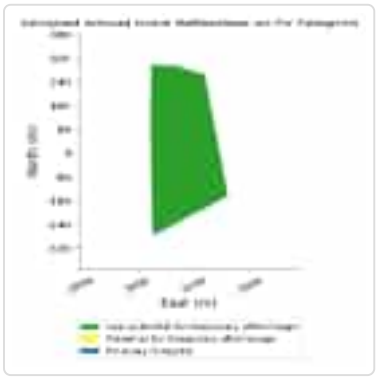
PV array is expected to produce the following glare for this receptor:

- 3,467 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





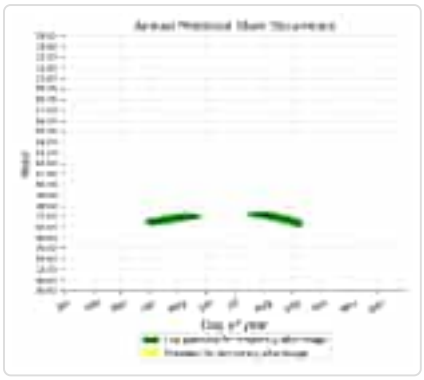


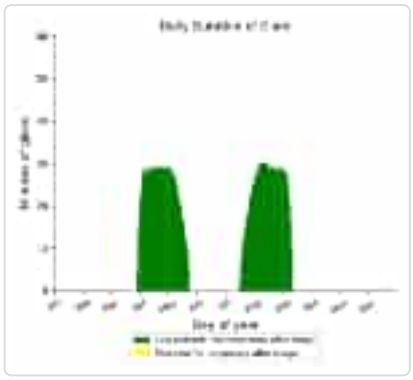


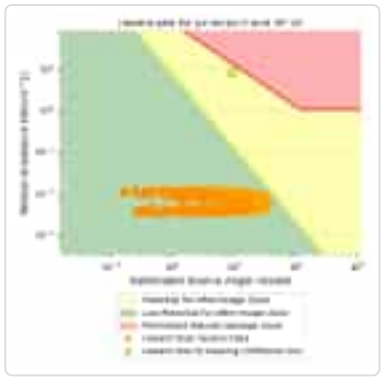
PV array 5: OP 30

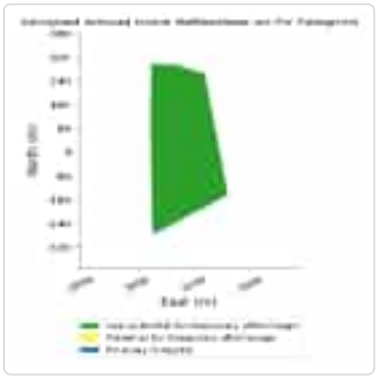
PV array is expected to produce the following glare for this receptor:

- 2,784 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





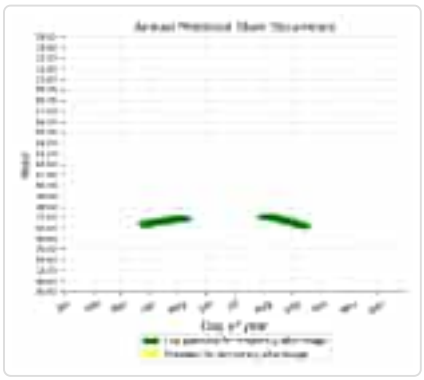


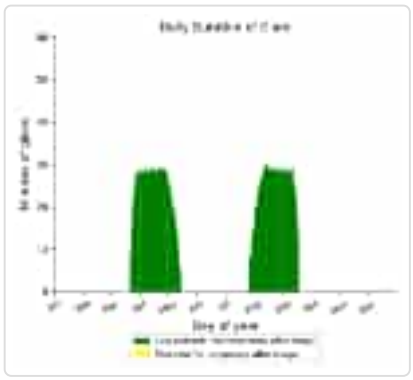


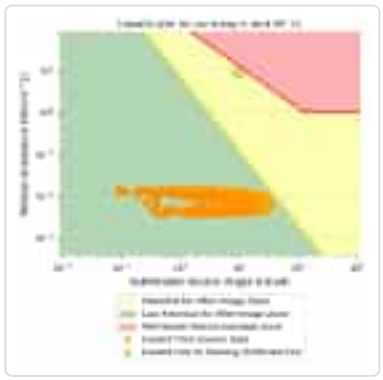
PV array 5: OP 31

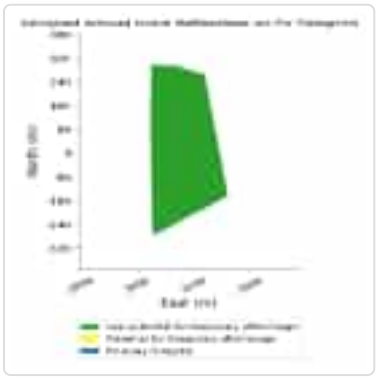
PV array is expected to produce the following glare for this receptor:

- 2,704 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





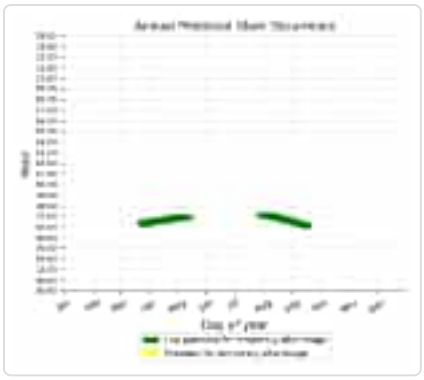


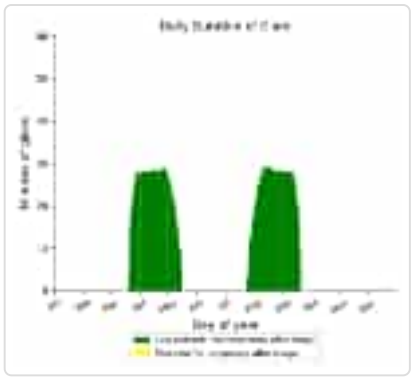


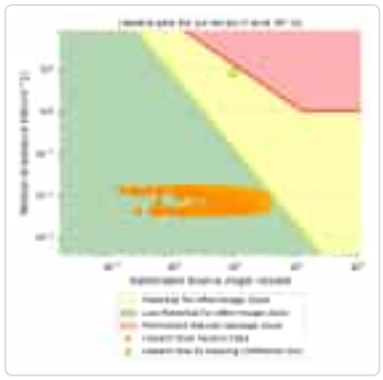
PV array 5: OP 32

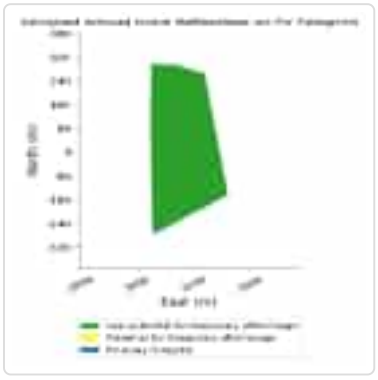
PV array is expected to produce the following glare for this receptor:

- 2,827 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





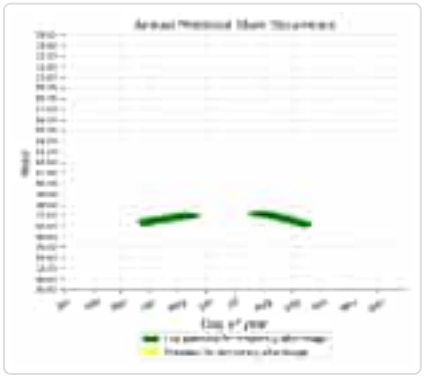


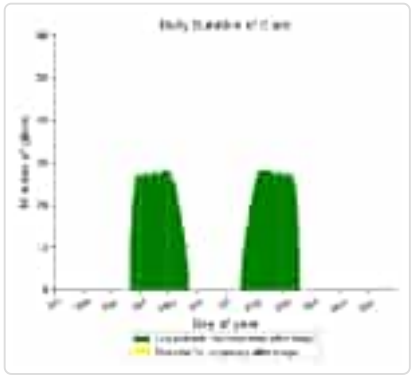


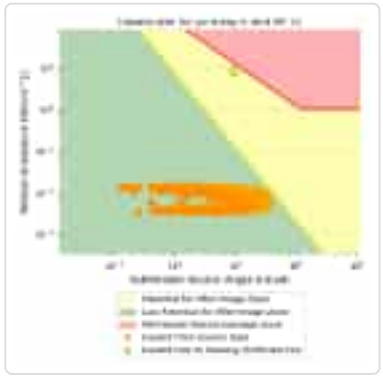
PV array 5: OP 33

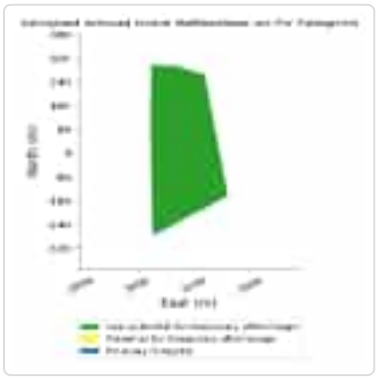
PV array is expected to produce the following glare for this receptor:

- 3,025 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





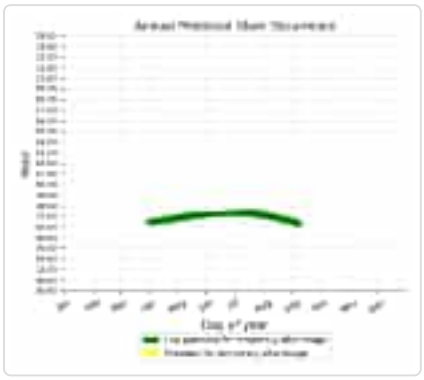


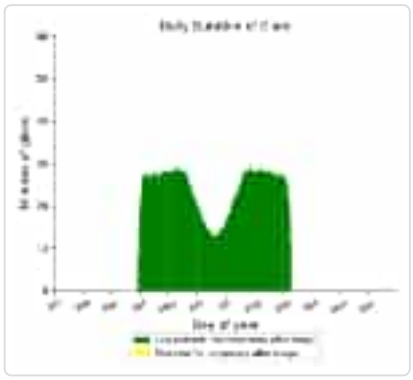


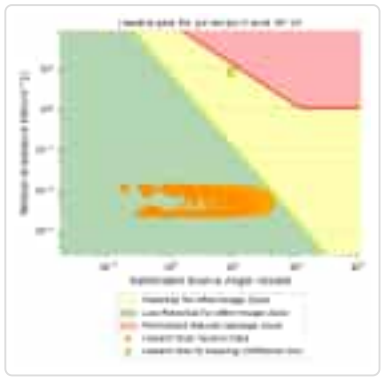
PV array 5: OP 34

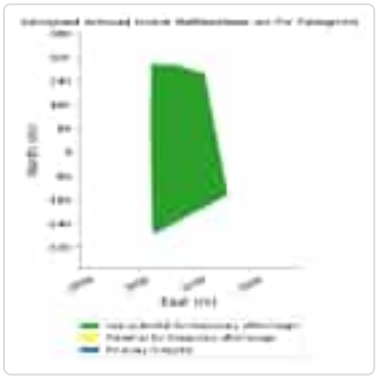
PV array is expected to produce the following glare for this receptor:

- 3,951 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





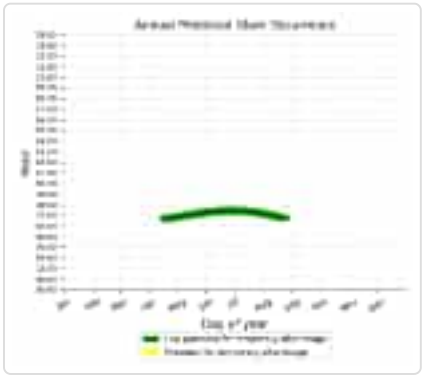


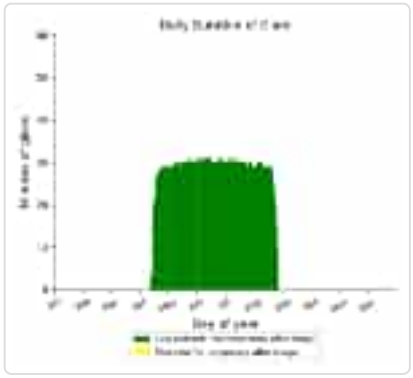


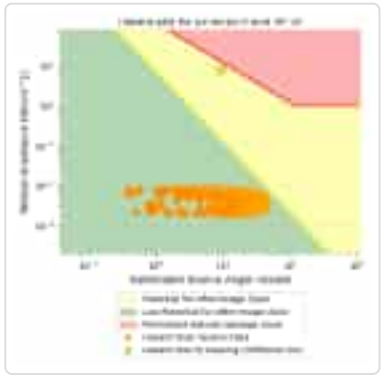
PV array 5: OP 35

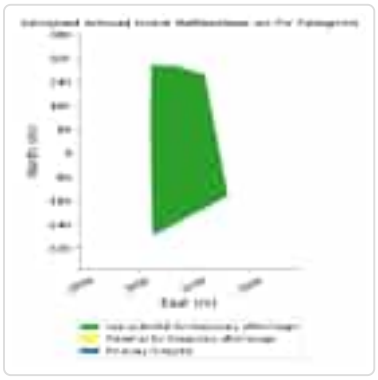
PV array is expected to produce the following glare for this receptor:

- 3,947 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





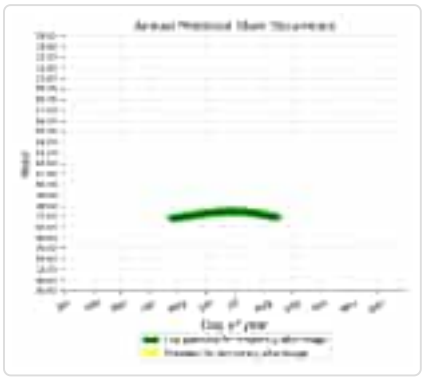


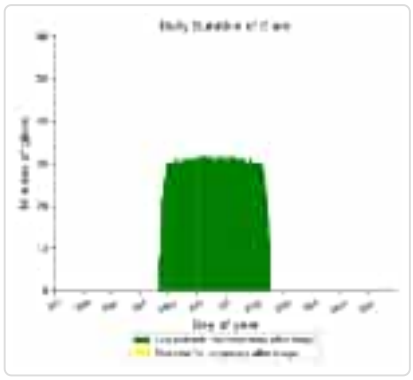


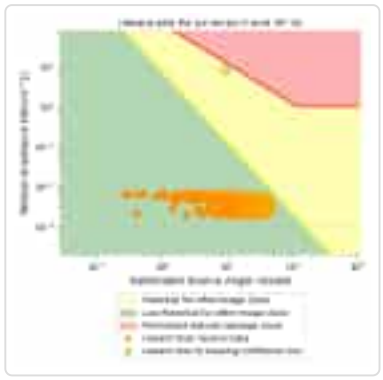
PV array 5: OP 36

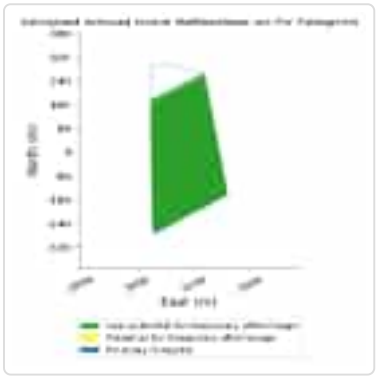
PV array is expected to produce the following glare for this receptor:

- 3,535 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





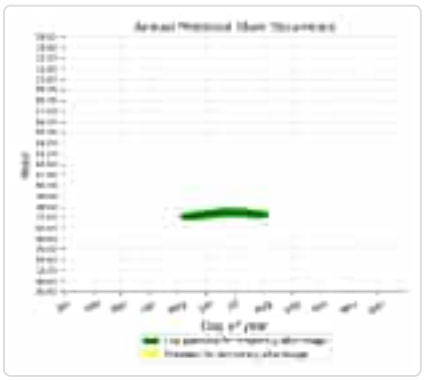


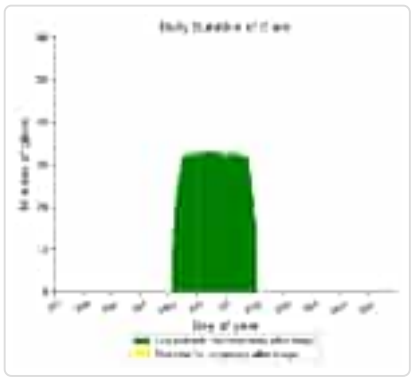


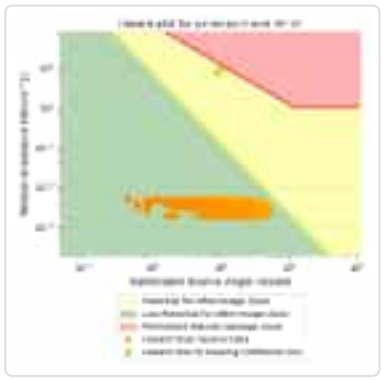
PV array 5: OP 37

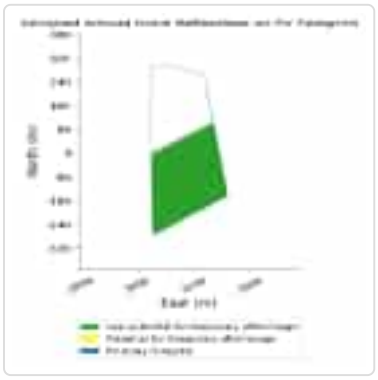
PV array is expected to produce the following glare for this receptor:

- 2,779 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





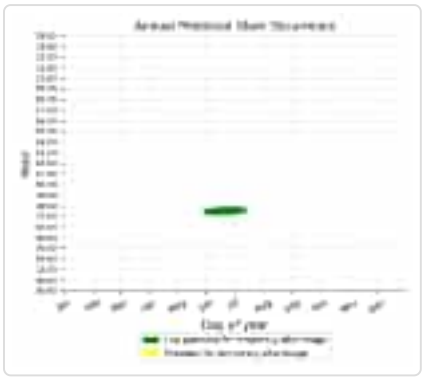


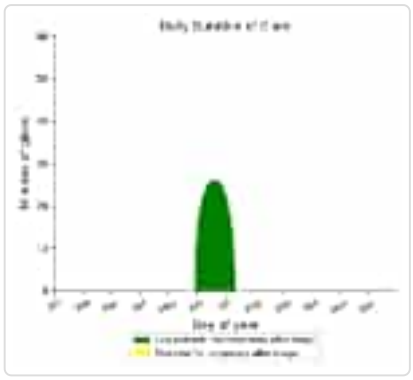


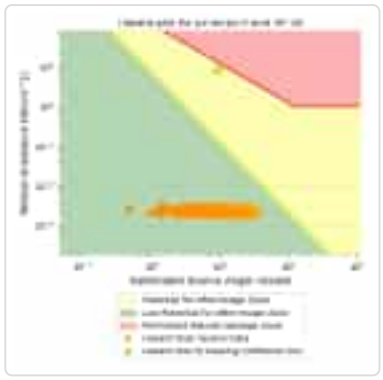
PV array 5: OP 38

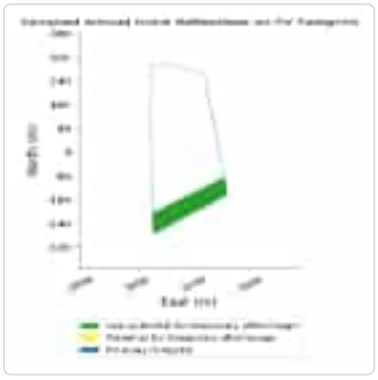
PV array is expected to produce the following glare for this receptor:

- 936 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 39

No glare found

PV array 5: OP 40

No glare found

PV array 5: OP 41

No glare found

PV array 5: OP 42

No glare found

PV array 5: OP 43

No glare found

PV array 5: OP 44

No glare found

PV array 5: OP 45

No glare found

PV array 5: OP 46

No glare found

PV array 5: OP 47

No glare found

PV array 5: OP 48

No glare found

PV array 5: OP 49

No glare found

PV array 5: OP 50

No glare found

PV array 5: OP 51

No glare found

PV array 5: OP 52

No glare found

PV array 5: OP 53

No glare found

PV array 5: OP 54

No glare found

PV array 5: OP 55

No glare found

PV array 5: OP 56

No glare found

PV array 5: OP 57

No glare found

PV array 5: OP 58

No glare found

PV array 5: OP 59

No glare found

PV array 5: OP 60

No glare found

PV array 5: OP 61

No glare found

PV array 5: OP 62

No glare found

PV array 5: OP 63

No glare found

PV array 5: OP 64

No glare found

PV array 5: OP 65

No glare found

PV array 5: OP 66

No glare found

PV array 5: OP 67

No glare found

PV array 5: OP 68

No glare found

PV array 5: OP 69

No glare found

PV array 5: OP 70

No glare found

PV array 5: OP 71

No glare found

PV array 5: OP 72

No glare found

PV array 5: OP 73

No glare found

PV array 5: OP 74

No glare found

PV array 5: OP 75

No glare found

PV array 5: OP 76

No glare found

PV array 5: OP 77

No glare found

PV array 5: OP 78

No glare found

PV array 5: OP 79

No glare found

PV array 6 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	201	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	1162	0
OP: OP 23	1152	0

OP: OP 24	0	0
OP: OP 25	1154	0
OP: OP 26	1219	0
OP: OP 27	509	0
OP: OP 28	486	0
OP: OP 29	344	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	177	0
OP: OP 36	283	0
OP: OP 37	0	0
OP: OP 38	1982	10
OP: OP 39	2473	0
OP: OP 40	2448	0
OP: OP 41	937	0
OP: OP 42	459	0
OP: OP 43	1175	0
OP: OP 44	748	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
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OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0

OP: OP 78	0	0
OP: OP 79	0	0

PV array 6: OP 1

No glare found

PV array 6: OP 2

No glare found

PV array 6: OP 3

No glare found

PV array 6: OP 4

No glare found

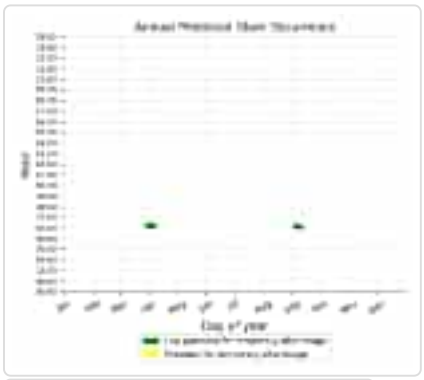
PV array 6: OP 5

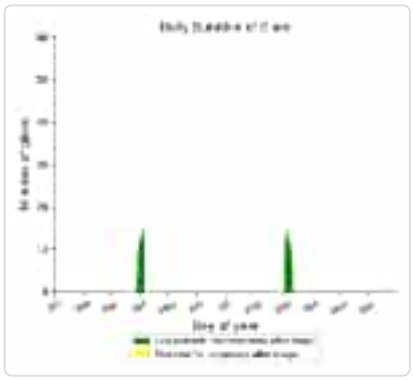
No glare found

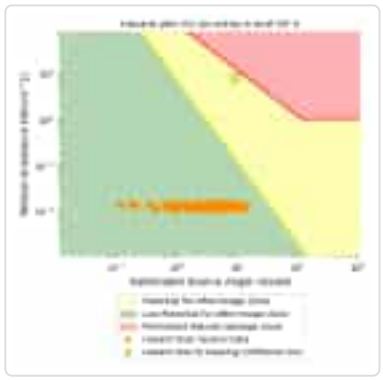
PV array 6: OP 6

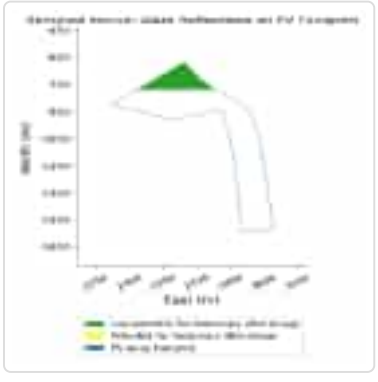
PV array is expected to produce the following glare for this receptor:

- 201 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 7

No glare found

PV array 6: OP 8

No glare found

PV array 6: OP 9

No glare found

PV array 6: OP 10

No glare found

PV array 6: OP 11

No glare found

PV array 6: OP 12

No glare found

PV array 6: OP 13

No glare found

PV array 6: OP 14

No glare found

PV array 6: OP 15

No glare found

PV array 6: OP 16

No glare found

PV array 6: OP 17

No glare found

PV array 6: OP 18

No glare found

PV array 6: OP 19

No glare found

PV array 6: OP 20

No glare found

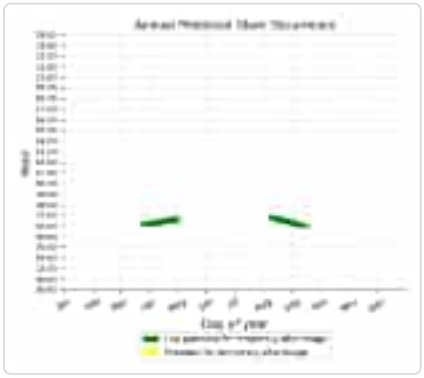
PV array 6: OP 21

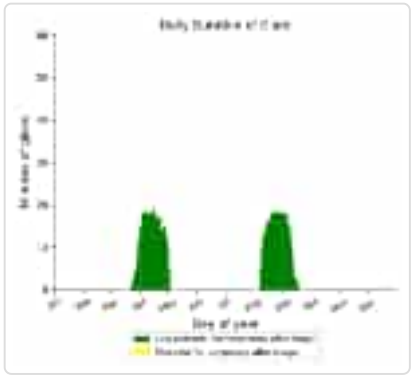
No glare found

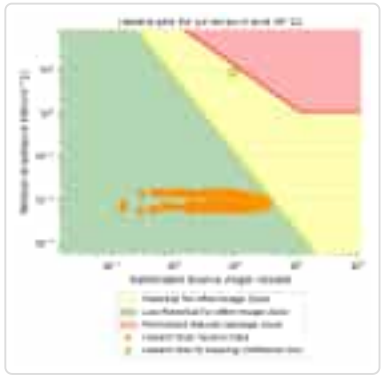
PV array 6: OP 22

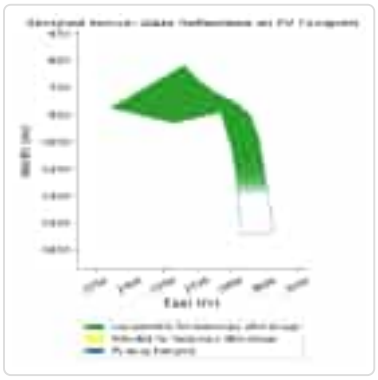
PV array is expected to produce the following glare for this receptor:

- 1,162 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





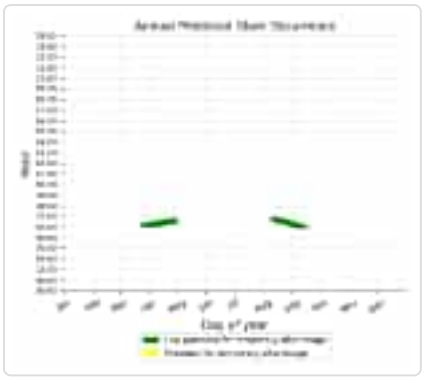


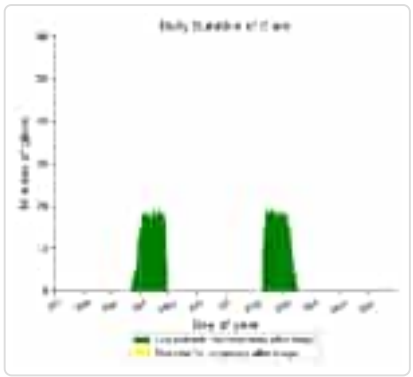


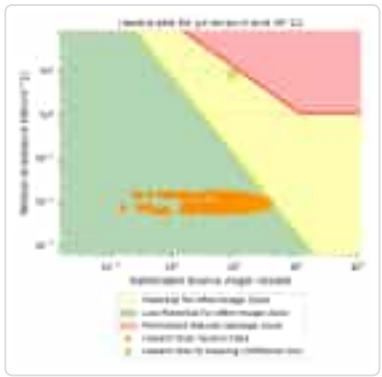
PV array 6: OP 23

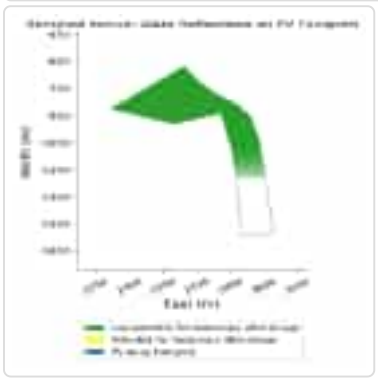
PV array is expected to produce the following glare for this receptor:

- 1,152 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









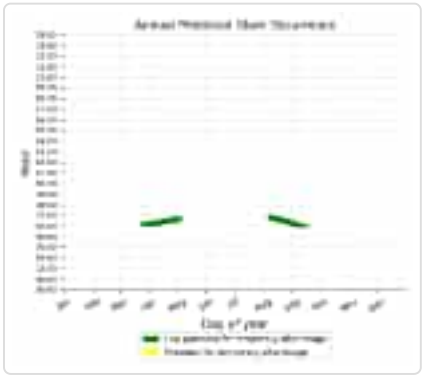
PV array 6: OP 24

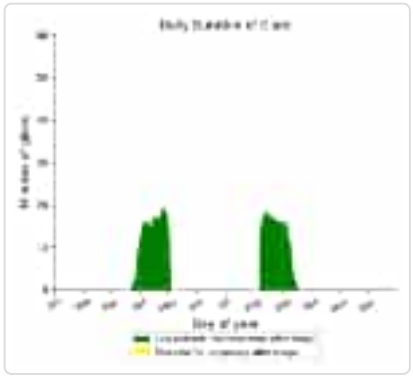
No glare found

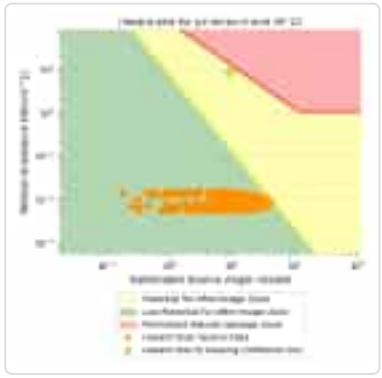
PV array 6: OP 25

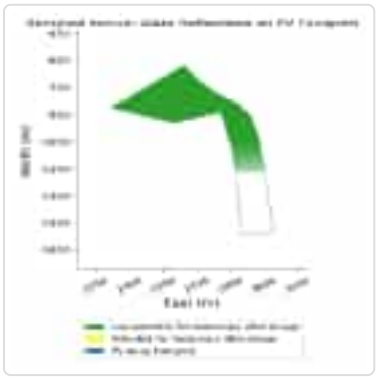
PV array is expected to produce the following glare for this receptor:

- 1,154 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





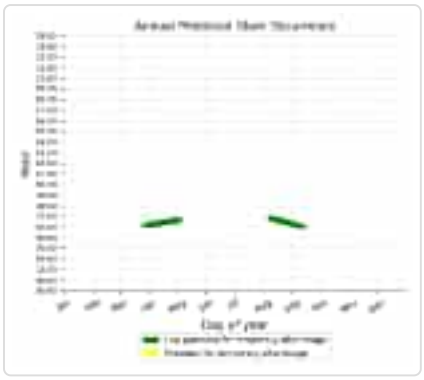


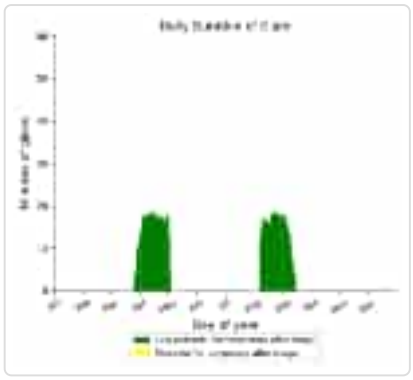


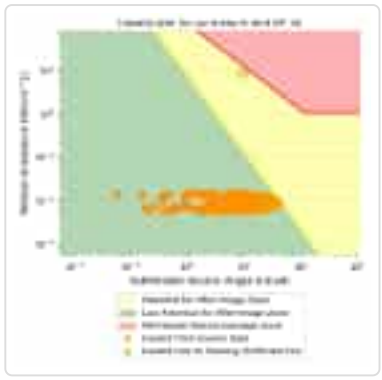
PV array 6: OP 26

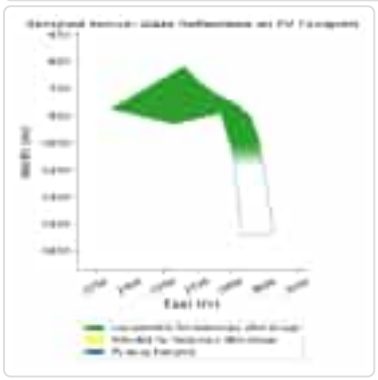
PV array is expected to produce the following glare for this receptor:

- 1,219 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





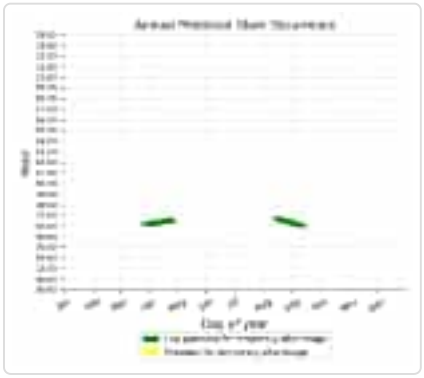


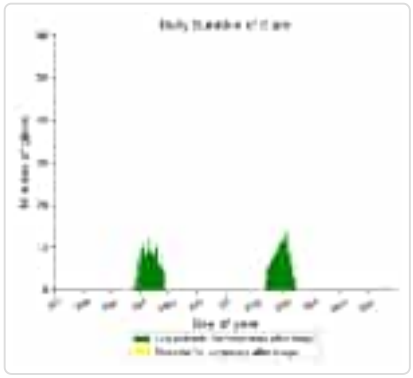


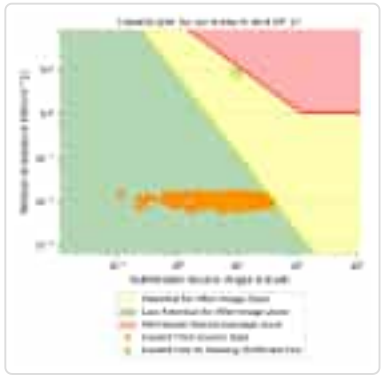
PV array 6: OP 27

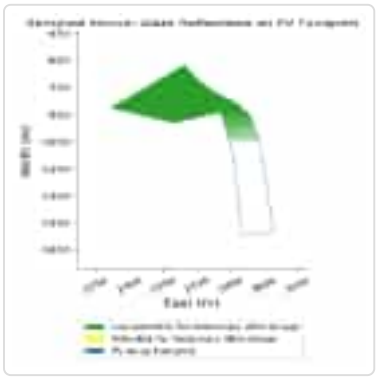
PV array is expected to produce the following glare for this receptor:

- 509 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





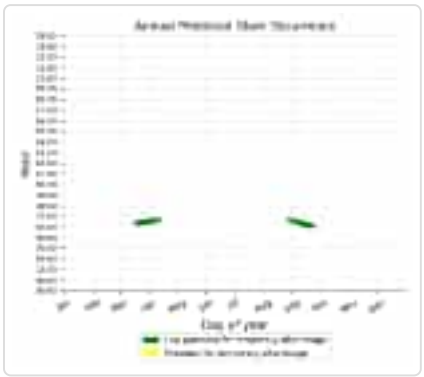


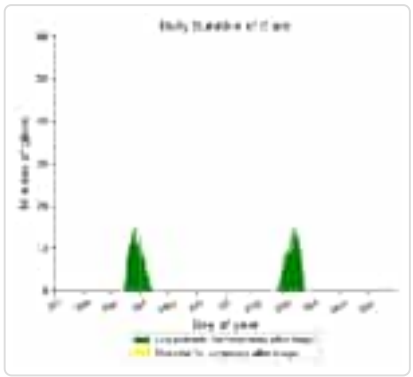


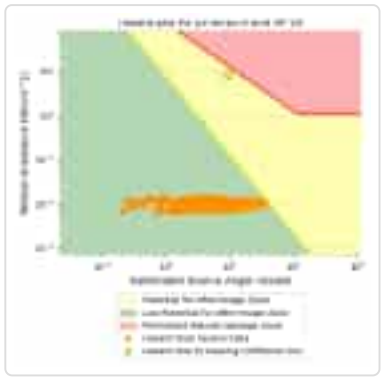
PV array 6: OP 28

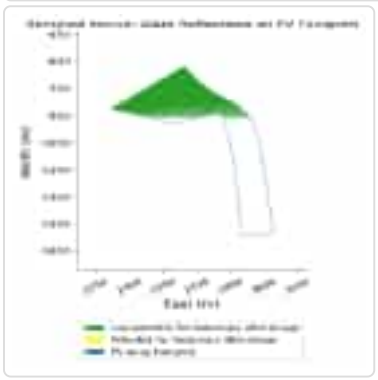
PV array is expected to produce the following glare for this receptor:

- 486 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





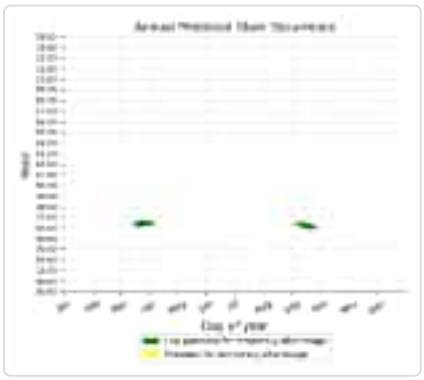


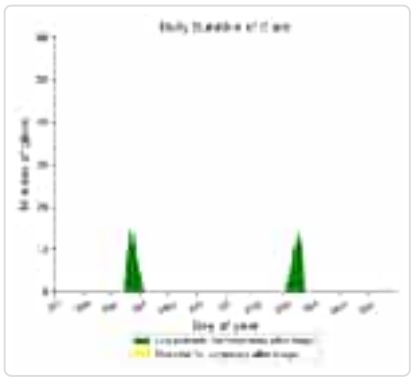


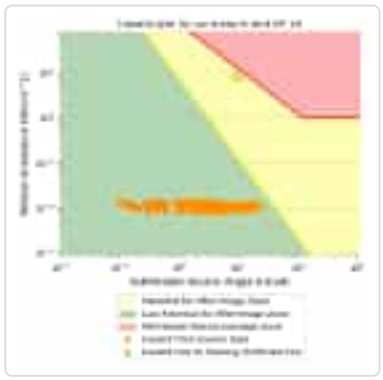
PV array 6: OP 29

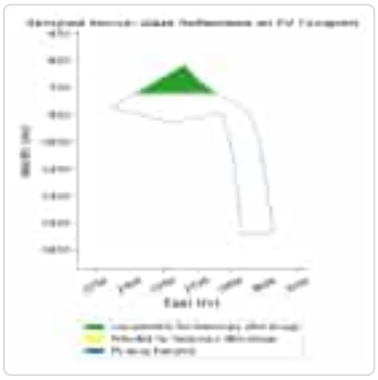
PV array is expected to produce the following glare for this receptor:

- 344 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 30

No glare found

PV array 6: OP 31

No glare found

PV array 6: OP 32

No glare found

PV array 6: OP 33

No glare found

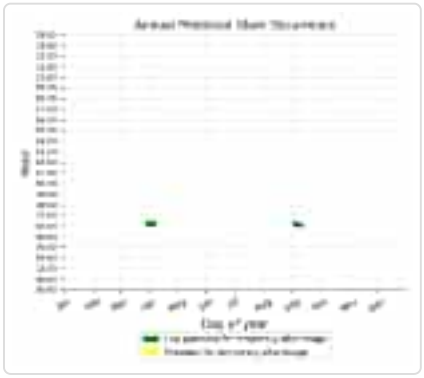
PV array 6: OP 34

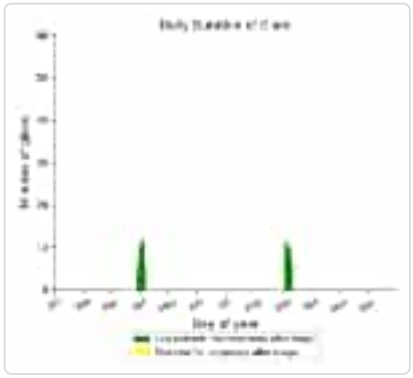
No glare found

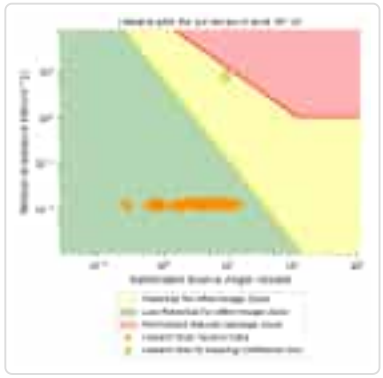
PV array 6: OP 35

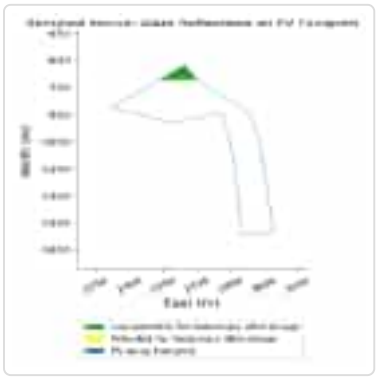
PV array is expected to produce the following glare for this receptor:

- 177 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





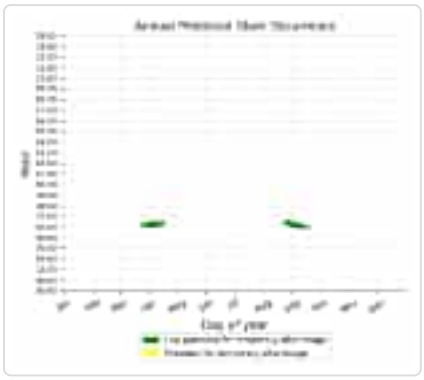


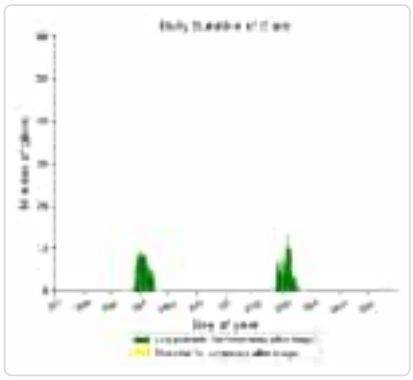


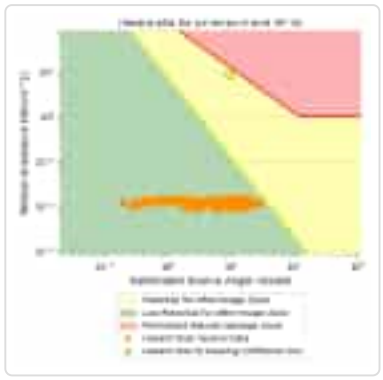
PV array 6: OP 36

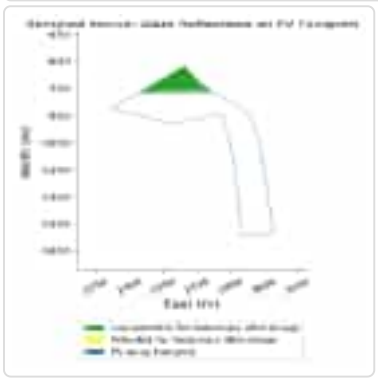
PV array is expected to produce the following glare for this receptor:

- 283 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









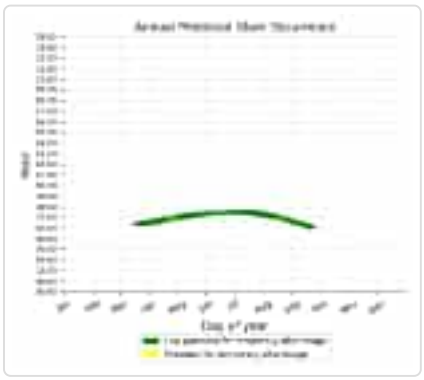
PV array 6: OP 37

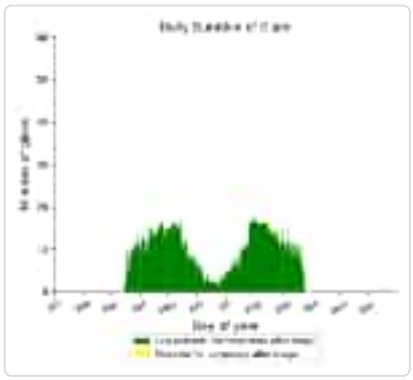
No glare found

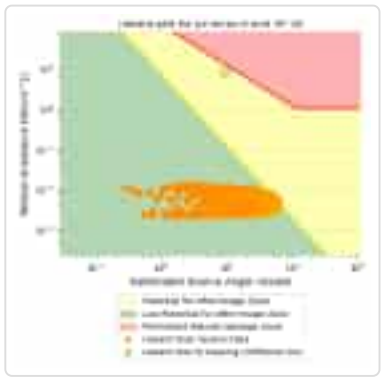
PV array 6: OP 38

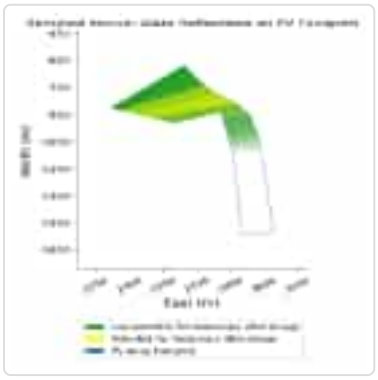
PV array is expected to produce the following glare for this receptor:

- 1,982 minutes of "green" glare with low potential to cause temporary after-image.
- 10 minutes of "yellow" glare with potential to cause temporary after-image.





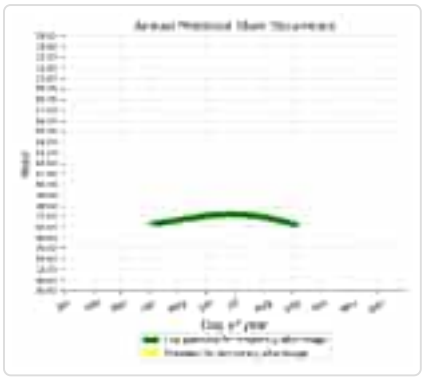


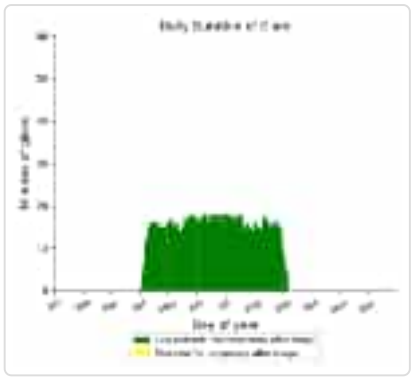


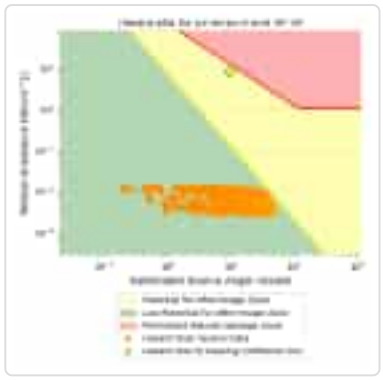
PV array 6: OP 39

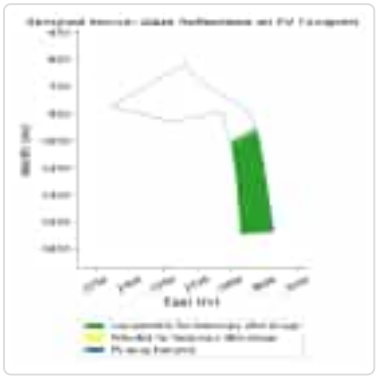
PV array is expected to produce the following glare for this receptor:

- 2,473 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





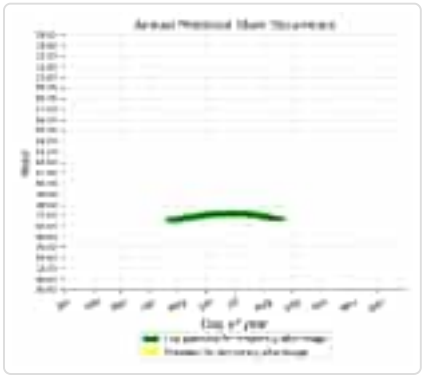


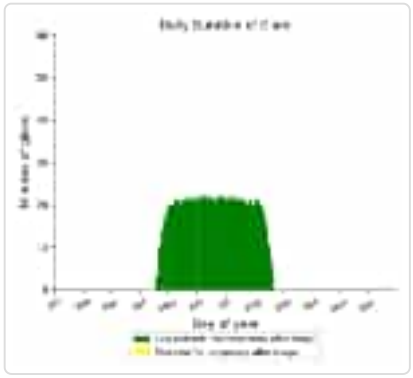


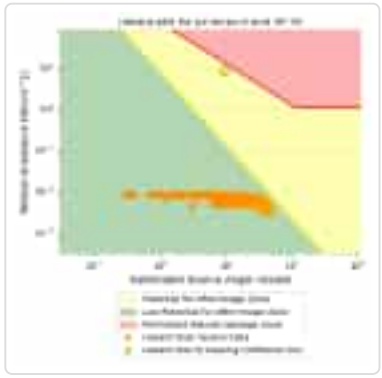
PV array 6: OP 40

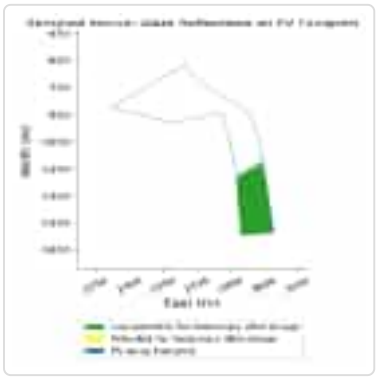
PV array is expected to produce the following glare for this receptor:

- 2,448 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





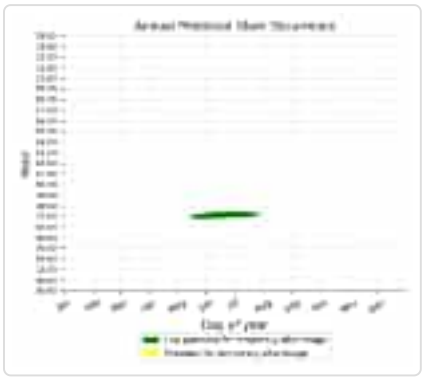


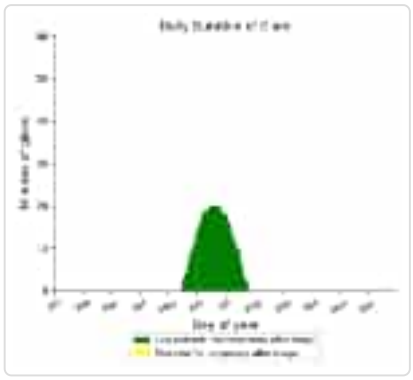


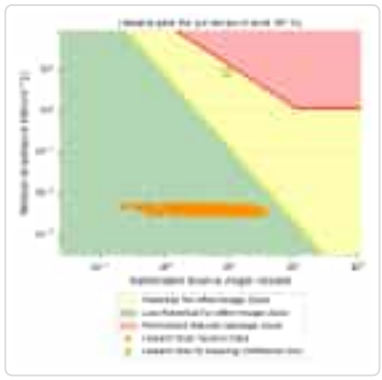
PV array 6: OP 41

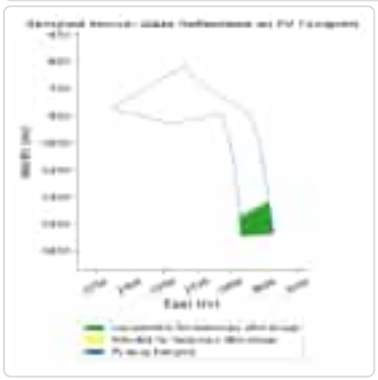
PV array is expected to produce the following glare for this receptor:

- 937 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





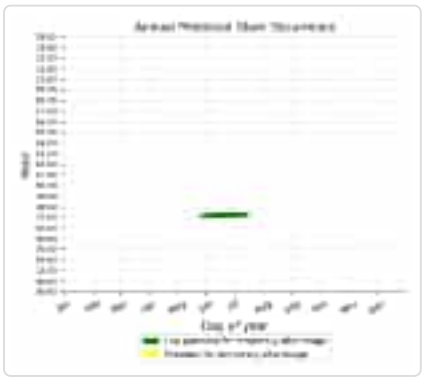


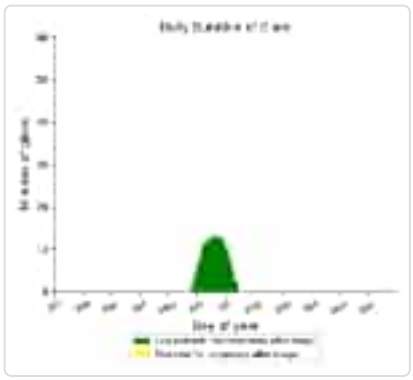


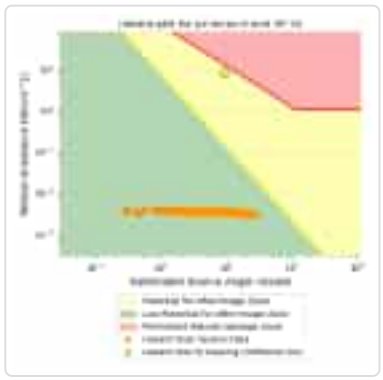
PV array 6: OP 42

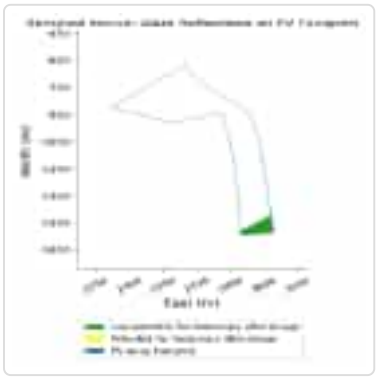
PV array is expected to produce the following glare for this receptor:

- 459 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





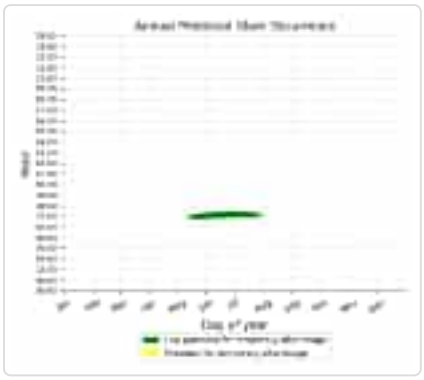


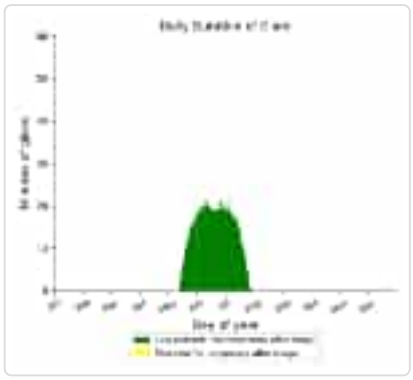


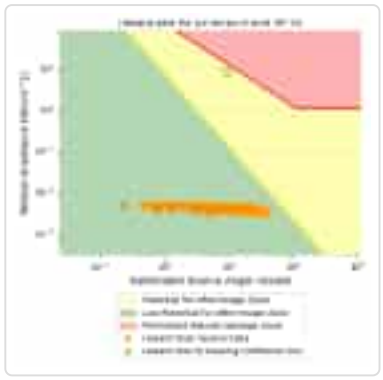
PV array 6: OP 43

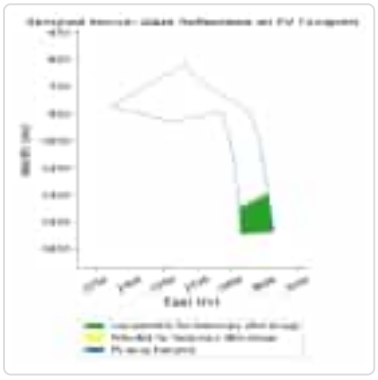
PV array is expected to produce the following glare for this receptor:

- 1,175 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





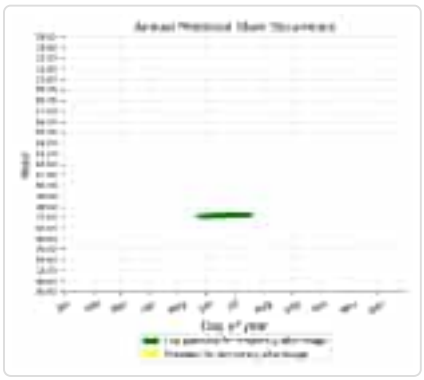


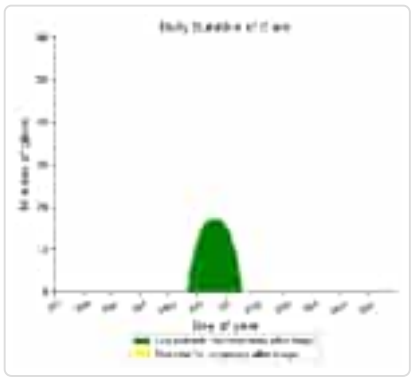


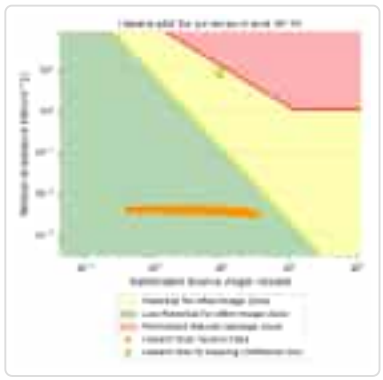
PV array 6: OP 44

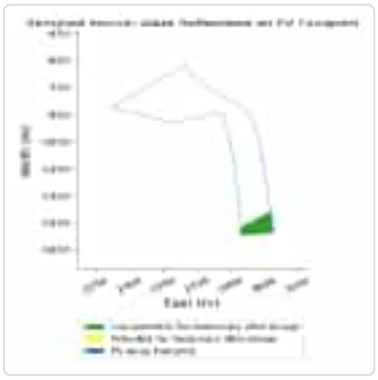
PV array is expected to produce the following glare for this receptor:

- 748 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 45

No glare found

PV array 6: OP 46

No glare found

PV array 6: OP 47

No glare found

PV array 6: OP 48

No glare found

PV array 6: OP 49

No glare found

PV array 6: OP 50

No glare found

PV array 6: OP 51

No glare found

PV array 6: OP 52

No glare found

PV array 6: OP 53

No glare found

PV array 6: OP 54

No glare found

PV array 6: OP 55

No glare found

PV array 6: OP 56

No glare found

PV array 6: OP 57

No glare found

PV array 6: OP 58

No glare found

PV array 6: OP 59

No glare found

PV array 6: OP 60

No glare found

PV array 6: OP 61

No glare found

PV array 6: OP 62

No glare found

PV array 6: OP 63

No glare found

PV array 6: OP 64

No glare found

PV array 6: OP 65

No glare found

PV array 6: OP 66

No glare found

PV array 6: OP 67

No glare found

PV array 6: OP 68

No glare found

PV array 6: OP 69

No glare found

PV array 6: OP 70

No glare found

PV array 6: OP 71

No glare found

PV array 6: OP 72

No glare found

PV array 6: OP 73

No glare found

PV array 6: OP 74

No glare found

PV array 6: OP 75

No glare found

PV array 6: OP 76

No glare found

PV array 6: OP 77

No glare found

PV array 6: OP 78

No glare found

PV array 6: OP 79

No glare found

PV array 7 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0

OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	842	0
OP: OP 23	705	0
OP: OP 24	15	0
OP: OP 25	778	0
OP: OP 26	646	0
OP: OP 27	260	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	353	0
OP: OP 39	3431	397
OP: OP 40	2618	396
OP: OP 41	2656	0
OP: OP 42	1753	0
OP: OP 43	0	0
OP: OP 44	2553	0
OP: OP 45	2781	72
OP: OP 46	2891	0
OP: OP 47	2721	0
OP: OP 48	3760	0
OP: OP 49	3178	0
OP: OP 50	2845	0
OP: OP 51	3189	0
OP: OP 52	3059	0
OP: OP 53	3907	0
OP: OP 54	3638	0
OP: OP 55	3630	0
OP: OP 56	3616	0
OP: OP 57	3262	0
OP: OP 58	2808	0
OP: OP 59	2331	0
OP: OP 60	1699	0
OP: OP 61	2733	0
OP: OP 62	2979	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0

OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

PV array 7: OP 1

No glare found

PV array 7: OP 2

No glare found

PV array 7: OP 3

No glare found

PV array 7: OP 4

No glare found

PV array 7: OP 5

No glare found

PV array 7: OP 6

No glare found

PV array 7: OP 7

No glare found

PV array 7: OP 8

No glare found

PV array 7: OP 9

No glare found

PV array 7: OP 10

No glare found

PV array 7: OP 11

No glare found

PV array 7: OP 12

No glare found

PV array 7: OP 13

No glare found

PV array 7: OP 14

No glare found

PV array 7: OP 15

No glare found

PV array 7: OP 16

No glare found

PV array 7: OP 17

No glare found

PV array 7: OP 18

No glare found

PV array 7: OP 19

No glare found

PV array 7: OP 20

No glare found

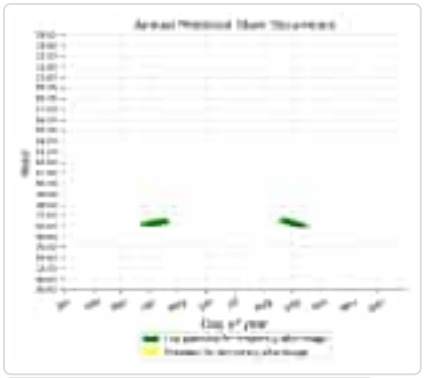
PV array 7: OP 21

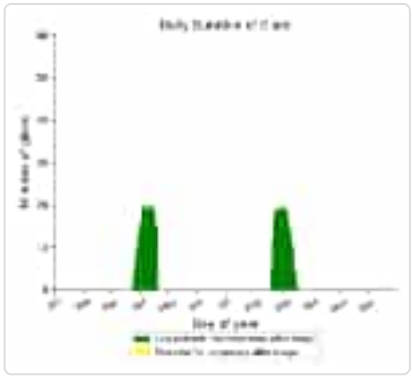
No glare found

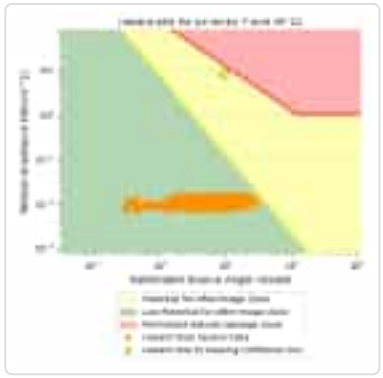
PV array 7: OP 22

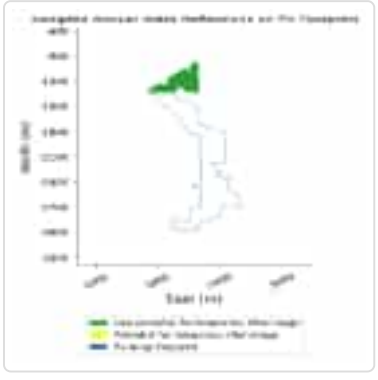
PV array is expected to produce the following glare for this receptor:

- 842 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





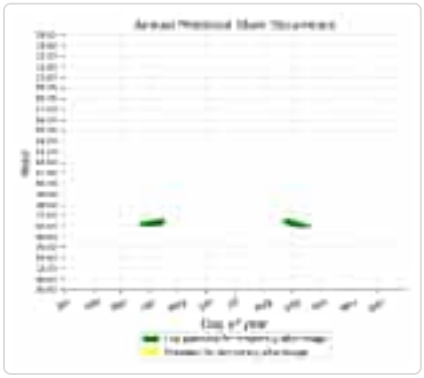


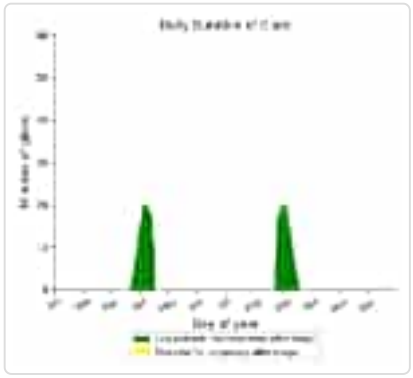


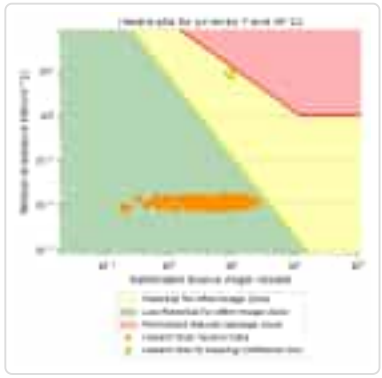
PV array 7: OP 23

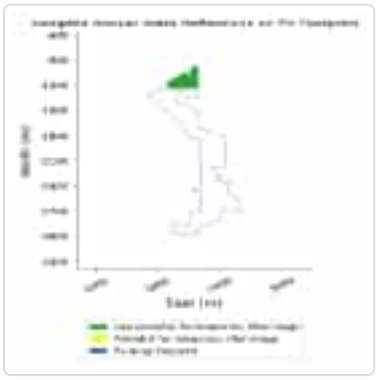
PV array is expected to produce the following glare for this receptor:

- 705 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





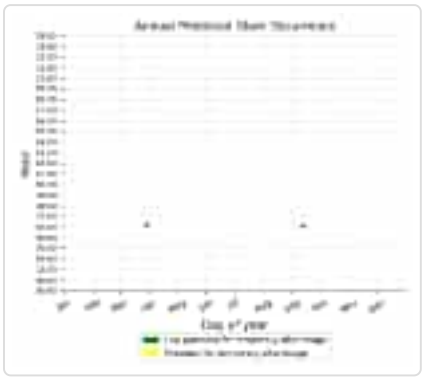


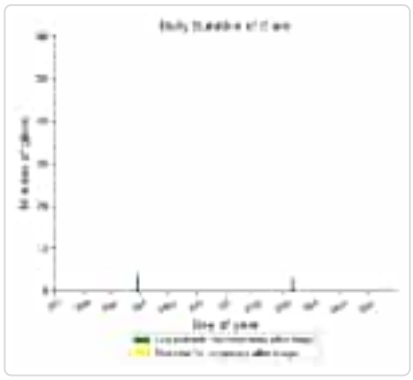


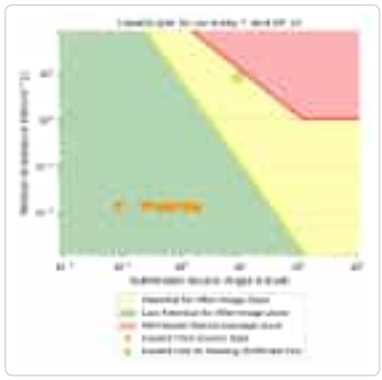
PV array 7: OP 24

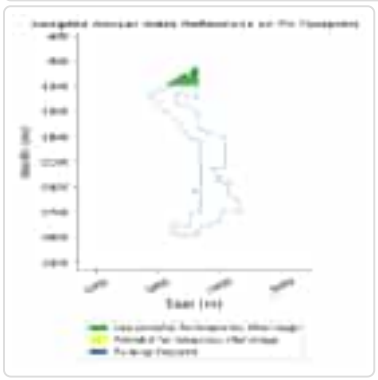
PV array is expected to produce the following glare for this receptor:

- 15 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





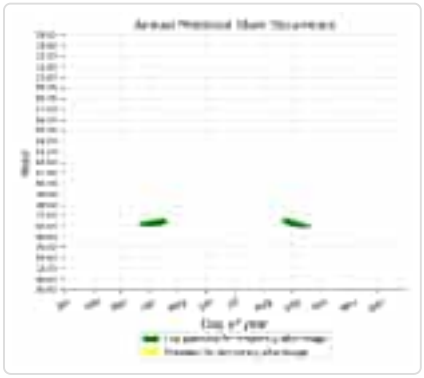


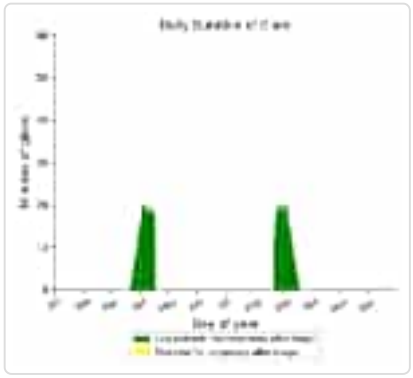


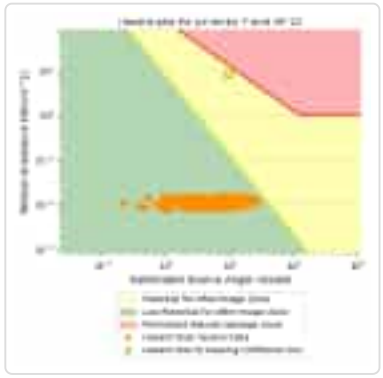
PV array 7: OP 25

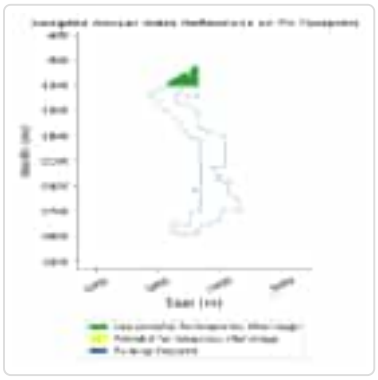
PV array is expected to produce the following glare for this receptor:

- 778 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





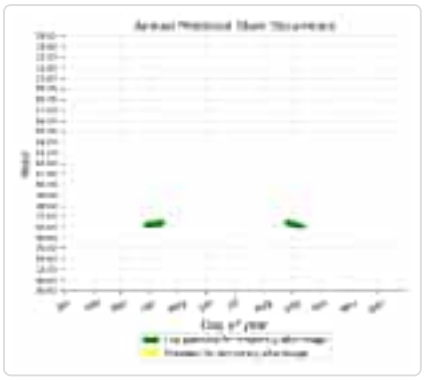


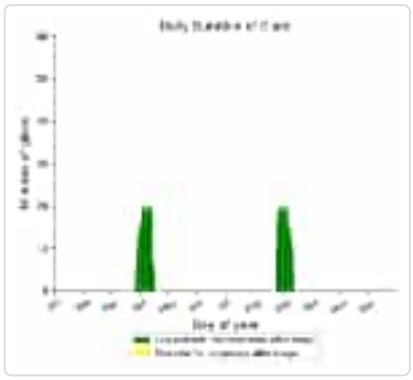


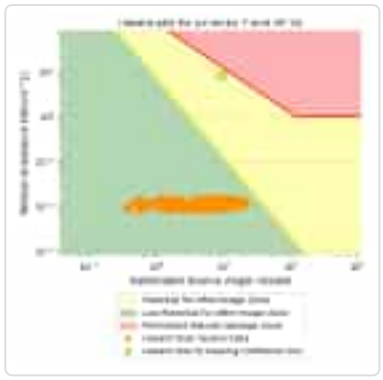
PV array 7: OP 26

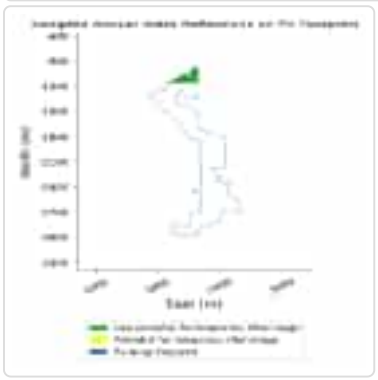
PV array is expected to produce the following glare for this receptor:

- 646 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





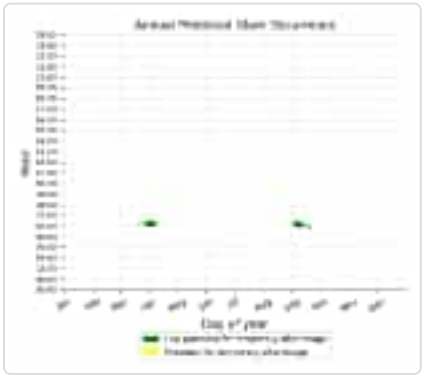


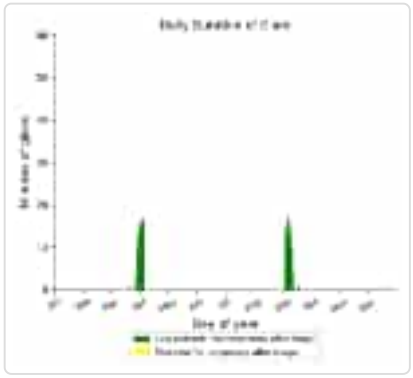


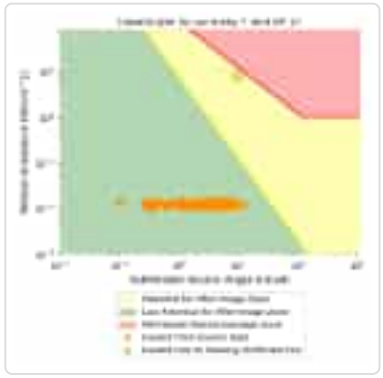
PV array 7: OP 27

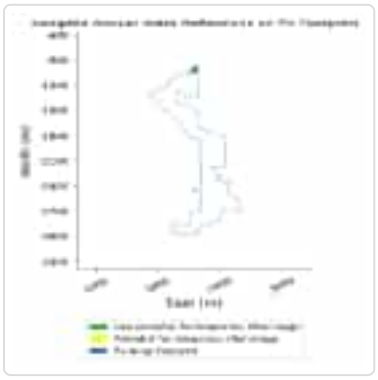
PV array is expected to produce the following glare for this receptor:

- 260 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 28

No glare found

PV array 7: OP 29

No glare found

PV array 7: OP 30

No glare found

PV array 7: OP 31

No glare found

PV array 7: OP 32

No glare found

PV array 7: OP 33

No glare found

PV array 7: OP 34

No glare found

PV array 7: OP 35

No glare found

PV array 7: OP 36

No glare found

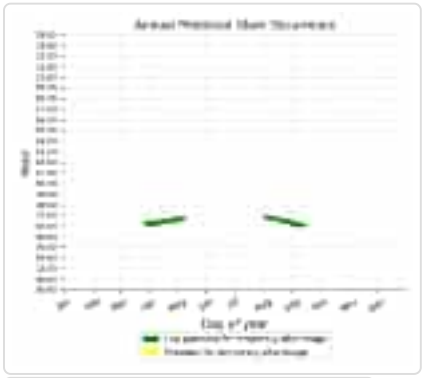
PV array 7: OP 37

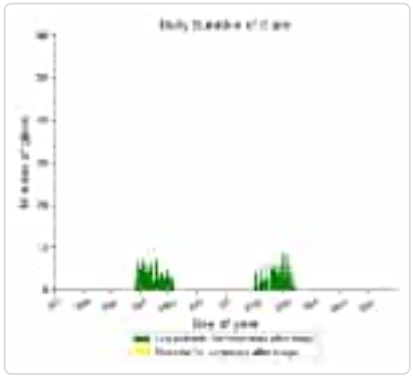
No glare found

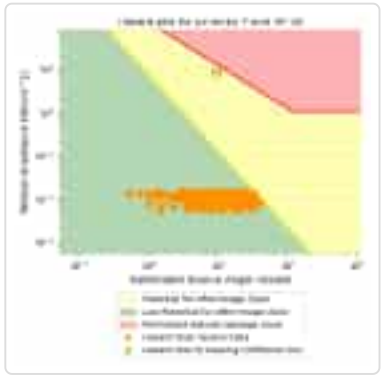
PV array 7: OP 38

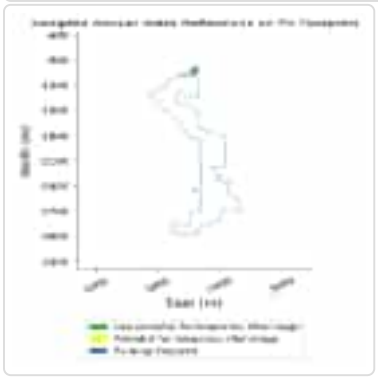
PV array is expected to produce the following glare for this receptor:

- 353 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





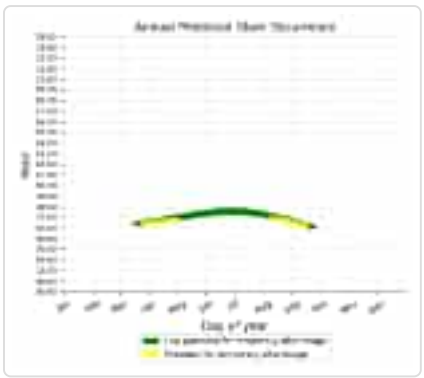


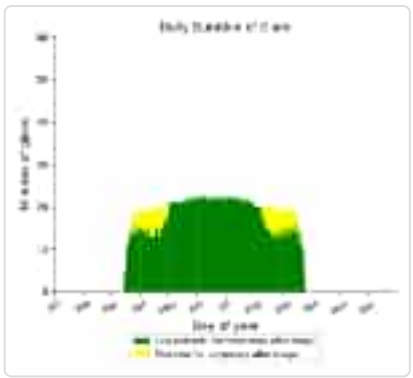


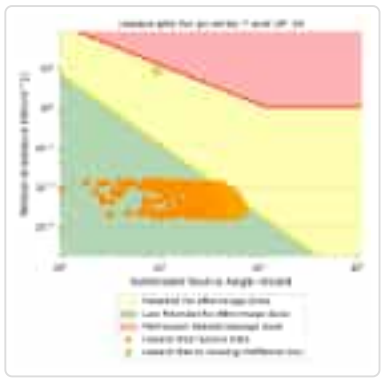
PV array 7: OP 39

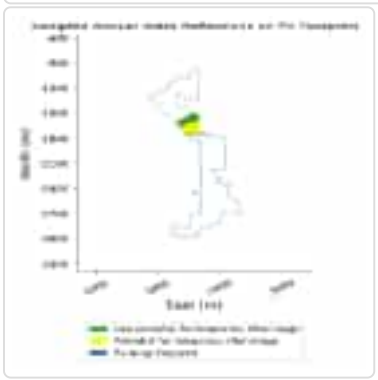
PV array is expected to produce the following glare for this receptor:

- 3,431 minutes of "green" glare with low potential to cause temporary after-image.
- 397 minutes of "yellow" glare with potential to cause temporary after-image.





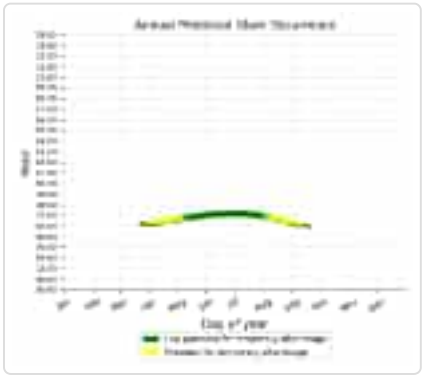


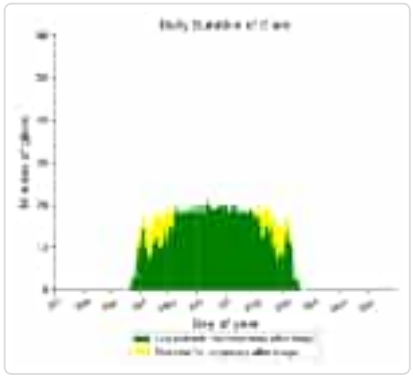


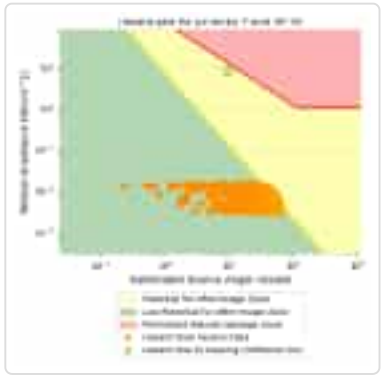
PV array 7: OP 40

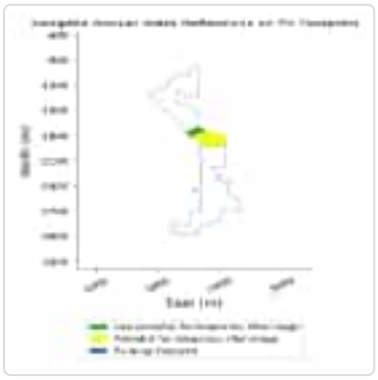
PV array is expected to produce the following glare for this receptor:

- 2,618 minutes of "green" glare with low potential to cause temporary after-image.
- 396 minutes of "yellow" glare with potential to cause temporary after-image.





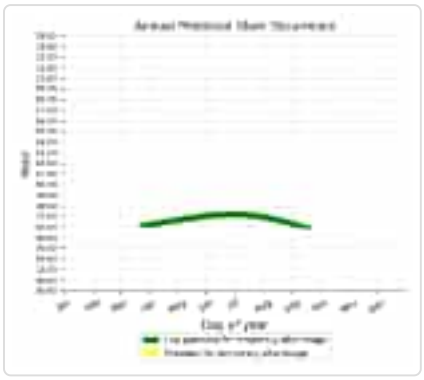


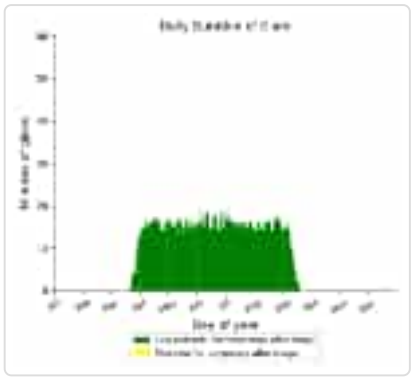


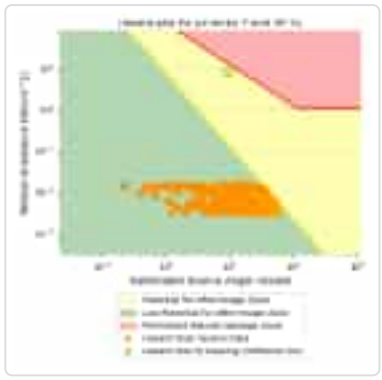
PV array 7: OP 41

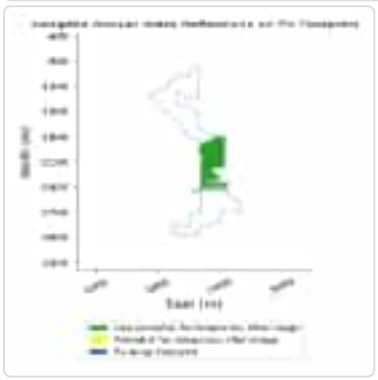
PV array is expected to produce the following glare for this receptor:

- 2,656 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





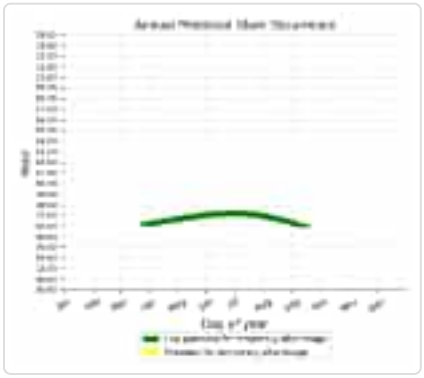


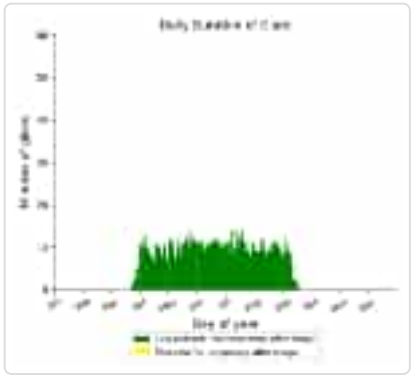


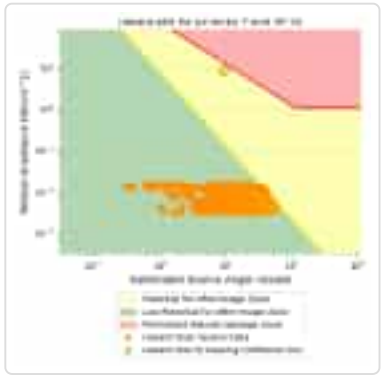
PV array 7: OP 42

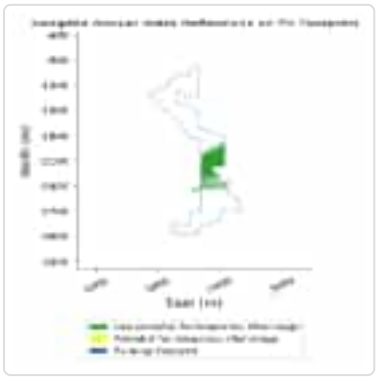
PV array is expected to produce the following glare for this receptor:

- 1,753 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









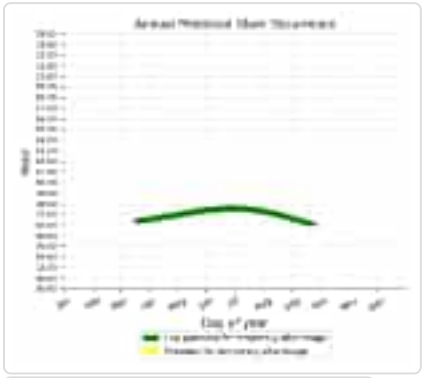
PV array 7: OP 43

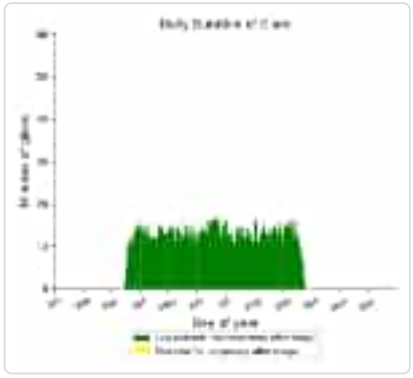
No glare found

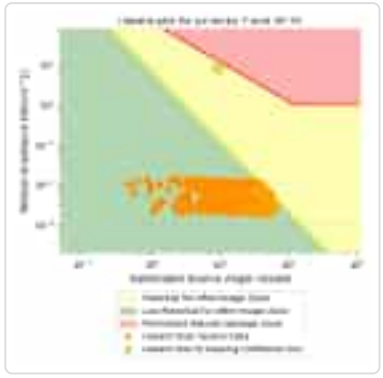
PV array 7: OP 44

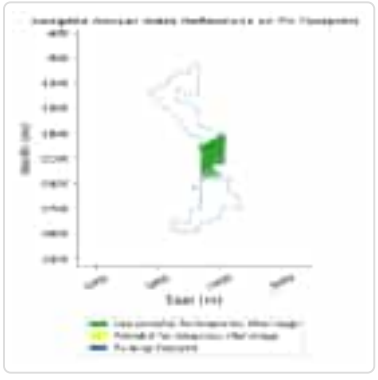
PV array is expected to produce the following glare for this receptor:

- 2,553 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





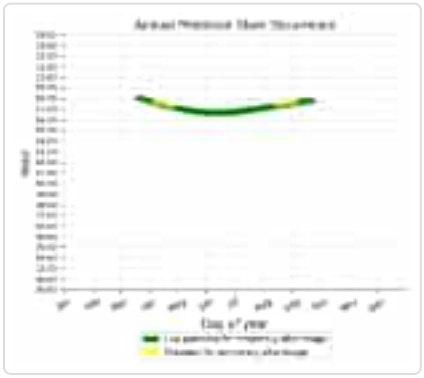


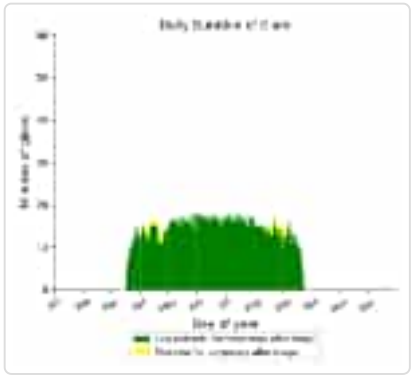


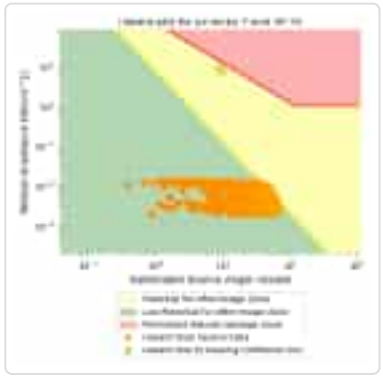
PV array 7: OP 45

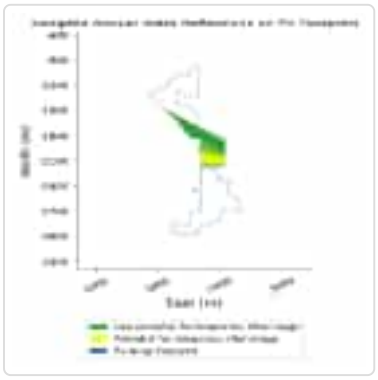
PV array is expected to produce the following glare for this receptor:

- 2,781 minutes of "green" glare with low potential to cause temporary after-image.
- 72 minutes of "yellow" glare with potential to cause temporary after-image.





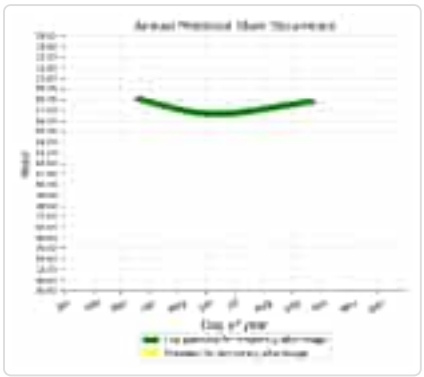


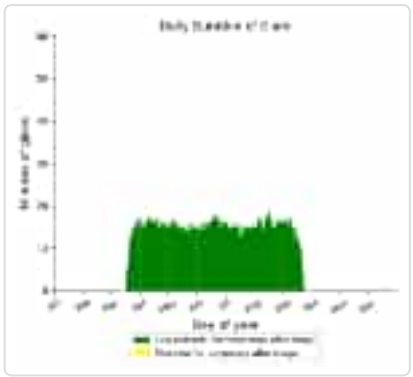


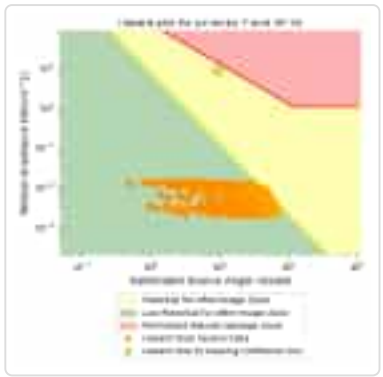
PV array 7: OP 46

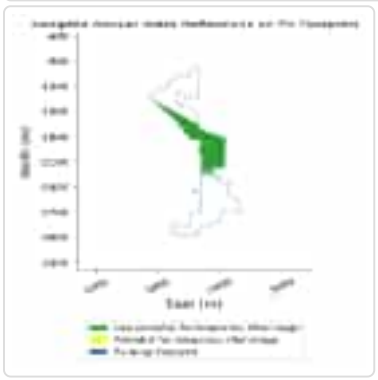
PV array is expected to produce the following glare for this receptor:

- 2,891 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





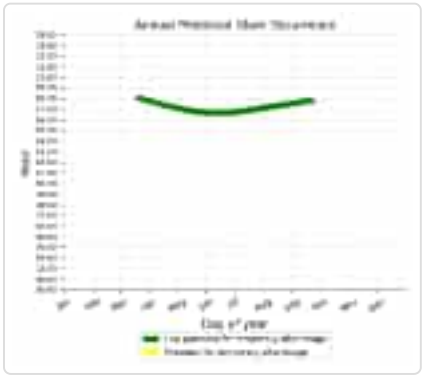


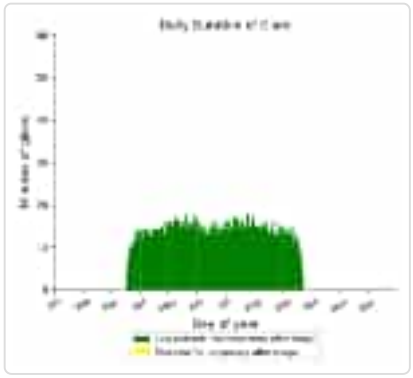


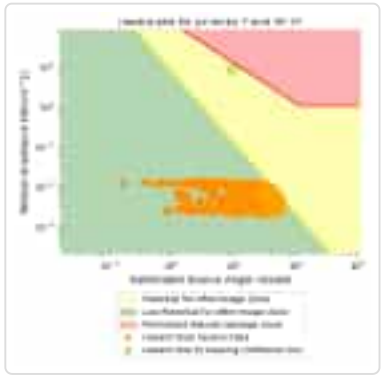
PV array 7: OP 47

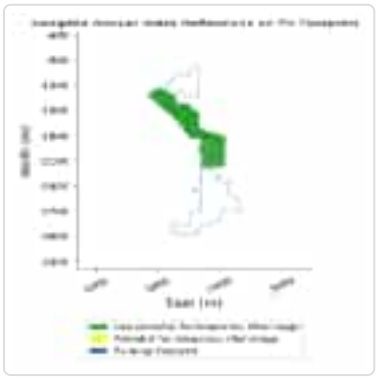
PV array is expected to produce the following glare for this receptor:

- 2,721 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





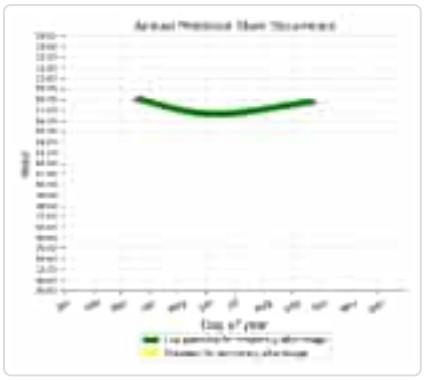


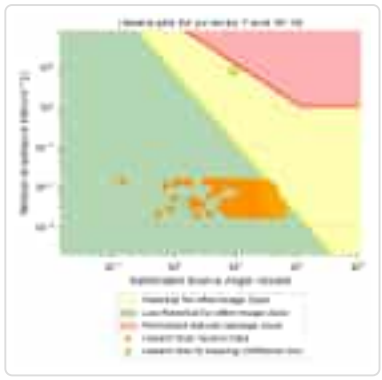


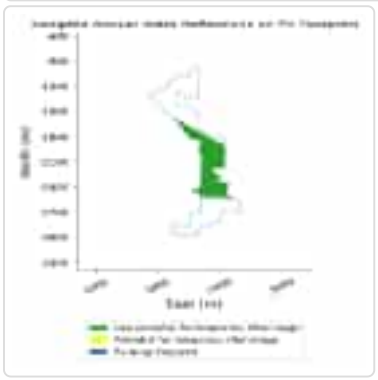
PV array 7: OP 48

PV array is expected to produce the following glare for this receptor:

- 3,760 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



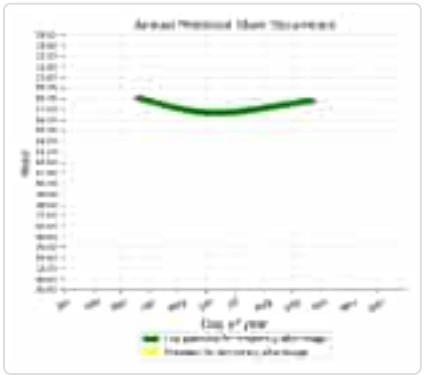


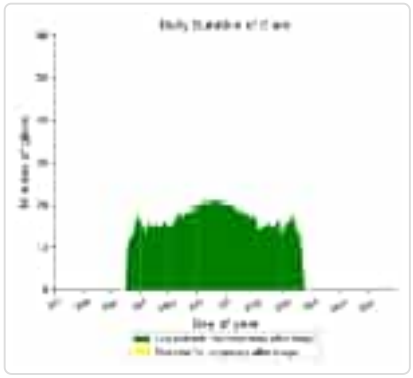


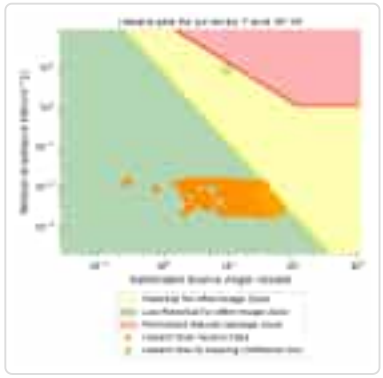
PV array 7: OP 49

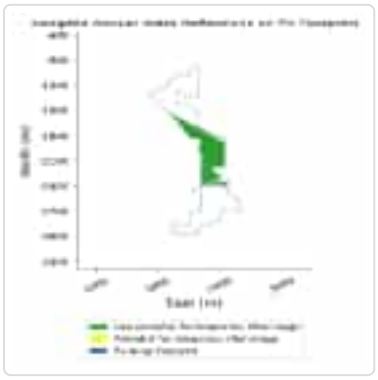
PV array is expected to produce the following glare for this receptor:

- 3,178 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





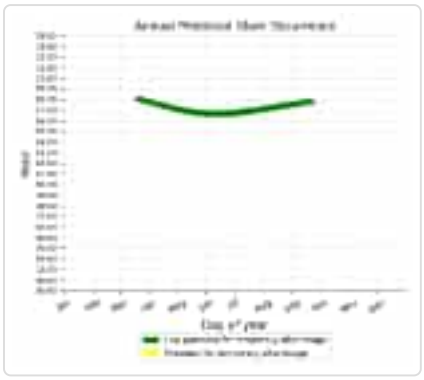


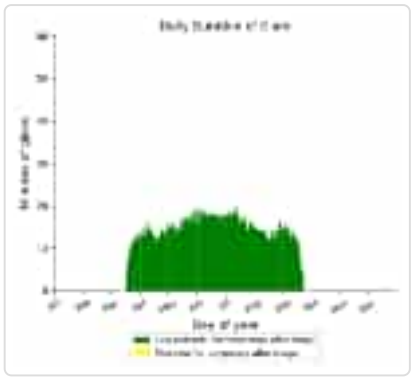


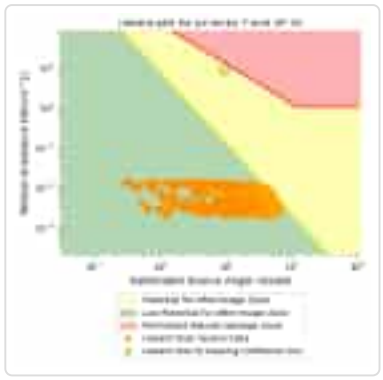
PV array 7: OP 50

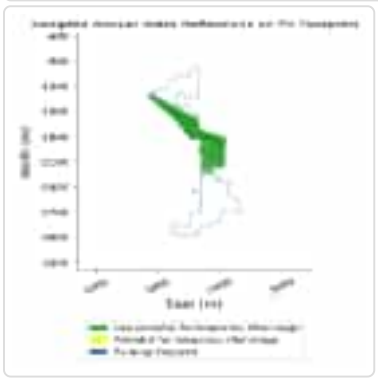
PV array is expected to produce the following glare for this receptor:

- 2,845 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





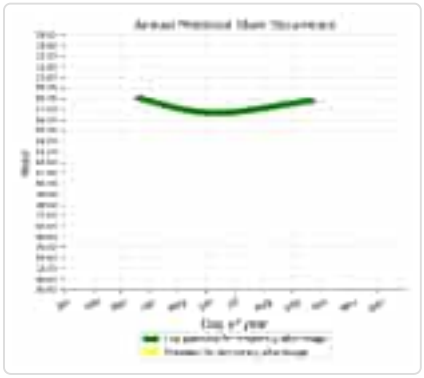


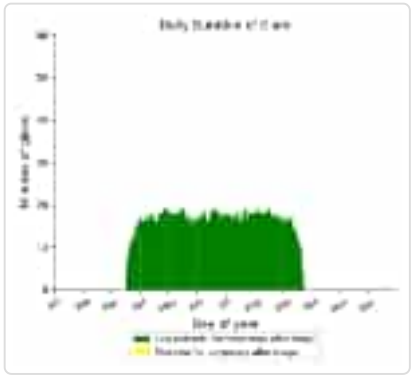


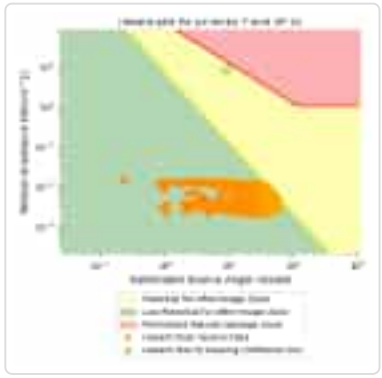
PV array 7: OP 51

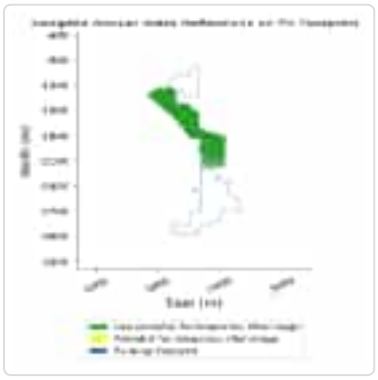
PV array is expected to produce the following glare for this receptor:

- 3,189 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





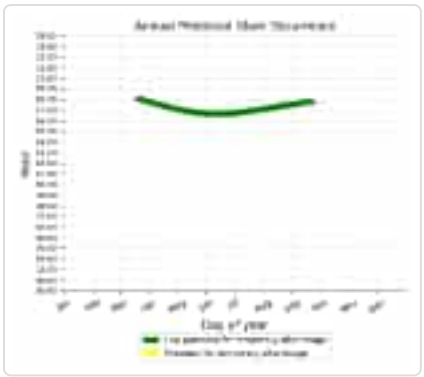


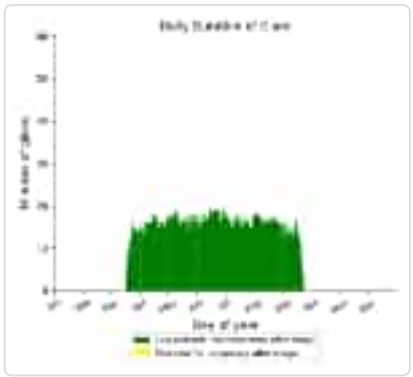


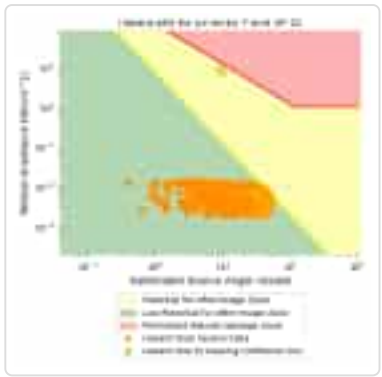
PV array 7: OP 52

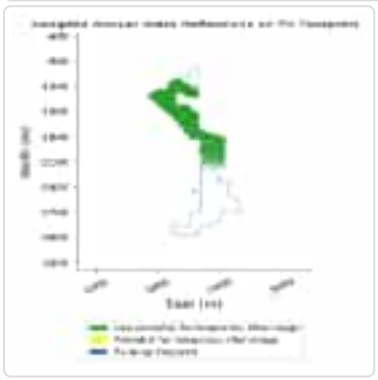
PV array is expected to produce the following glare for this receptor:

- 3,059 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





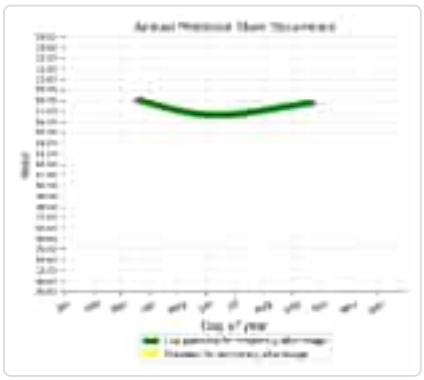


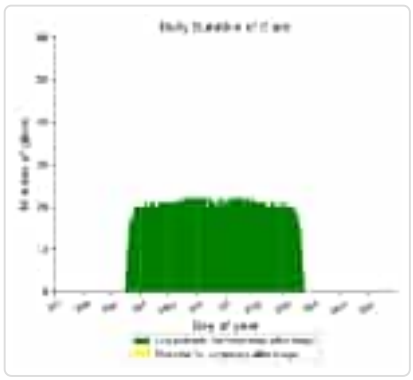


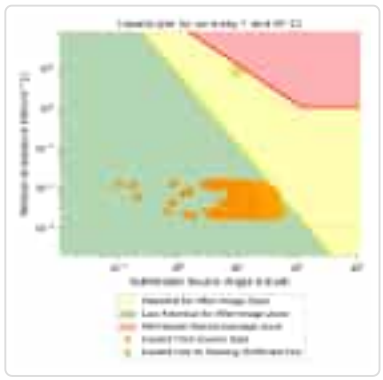
PV array 7: OP 53

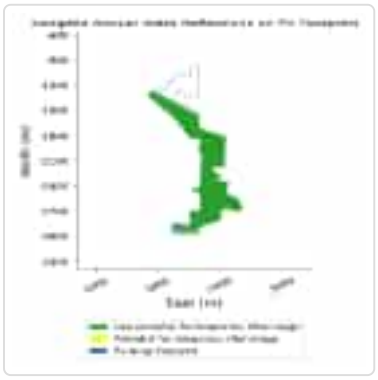
PV array is expected to produce the following glare for this receptor:

- 3,907 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





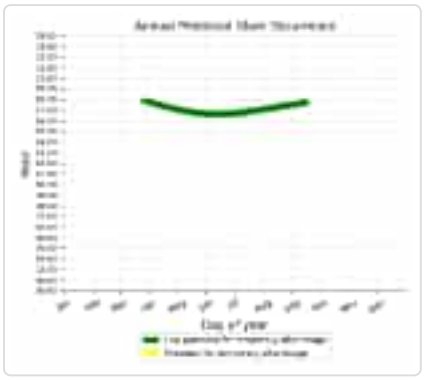


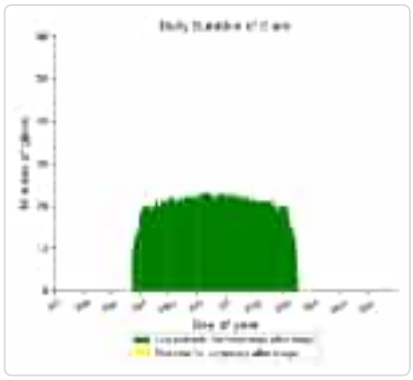


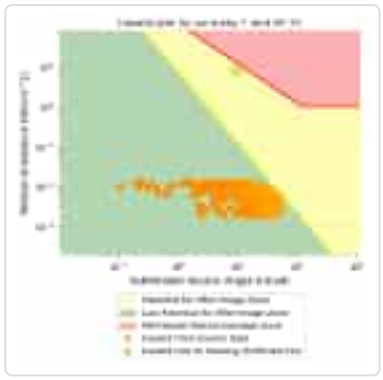
PV array 7: OP 54

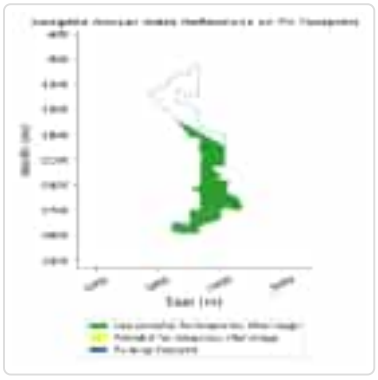
PV array is expected to produce the following glare for this receptor:

- 3,638 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





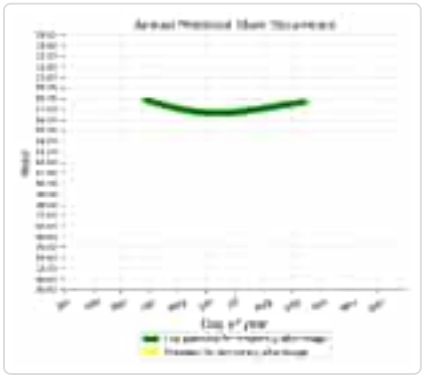


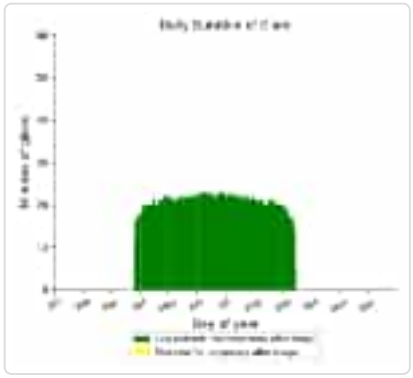


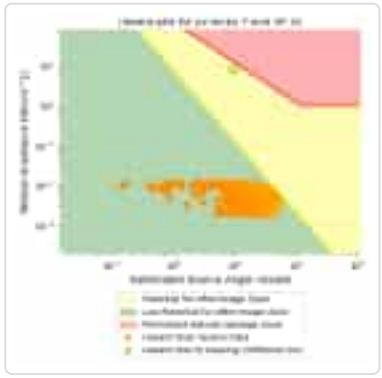
PV array 7: OP 55

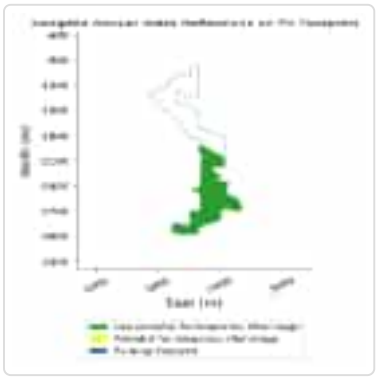
PV array is expected to produce the following glare for this receptor:

- 3,630 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





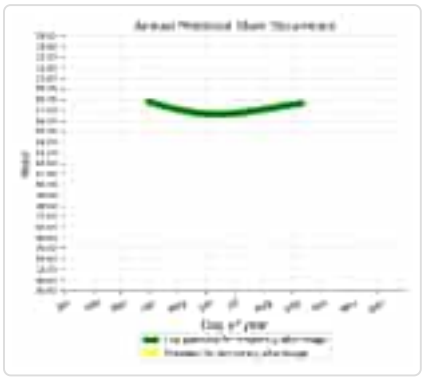


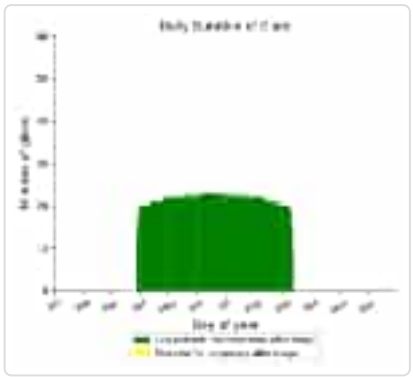


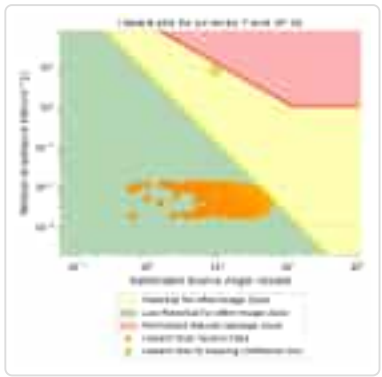
PV array 7: OP 56

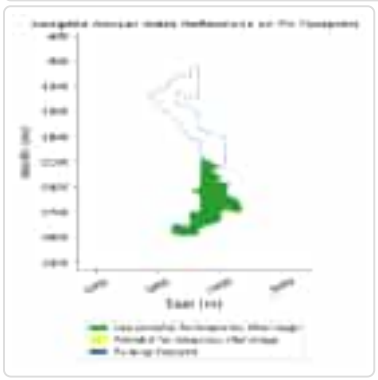
PV array is expected to produce the following glare for this receptor:

- 3,616 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





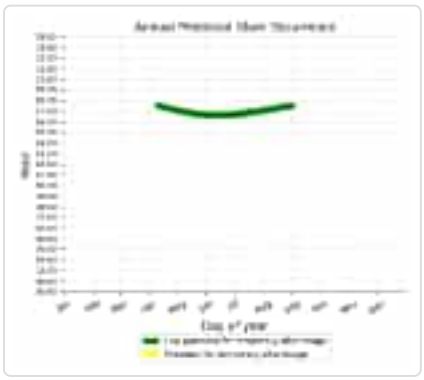


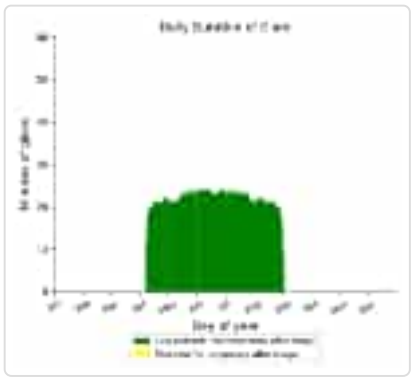


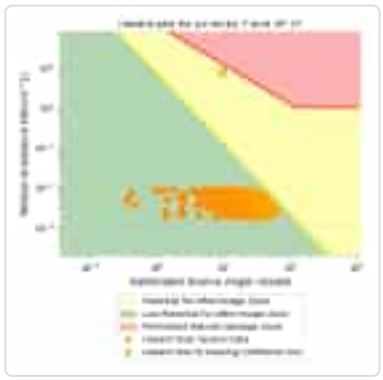
PV array 7: OP 57

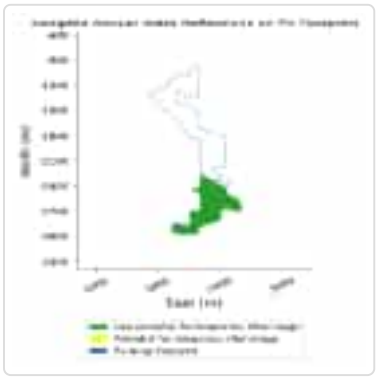
PV array is expected to produce the following glare for this receptor:

- 3,262 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





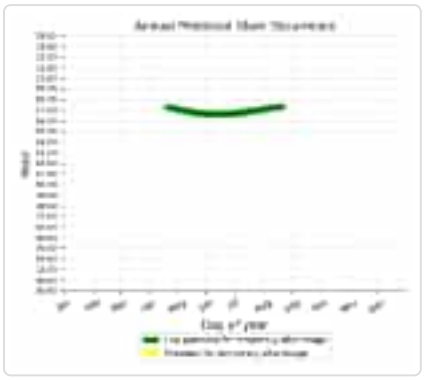


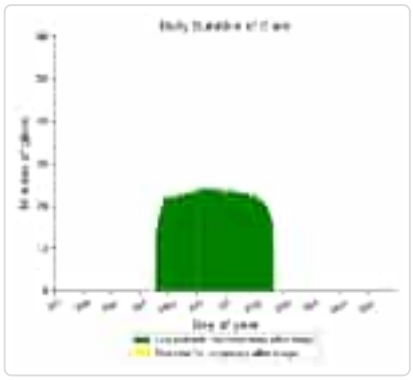


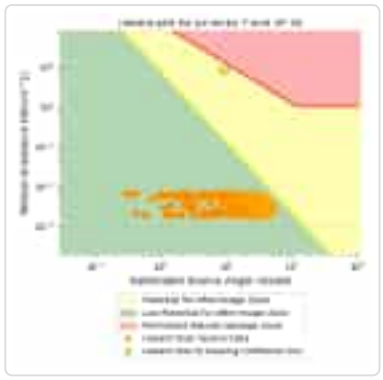
PV array 7: OP 58

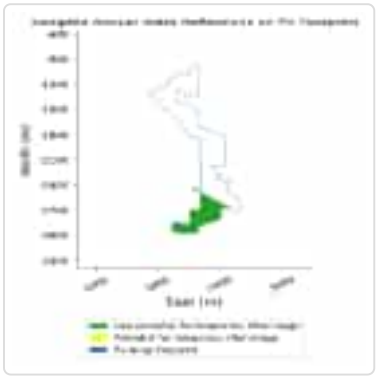
PV array is expected to produce the following glare for this receptor:

- 2,808 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





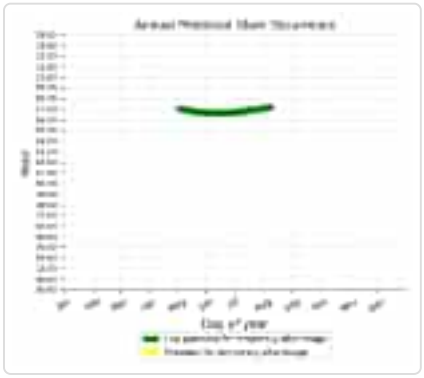


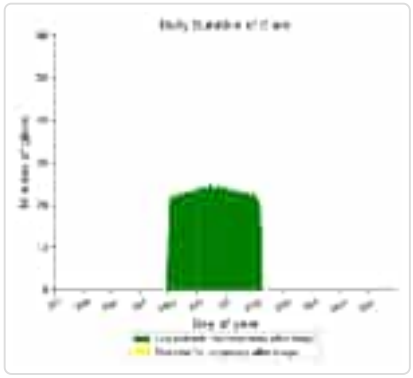


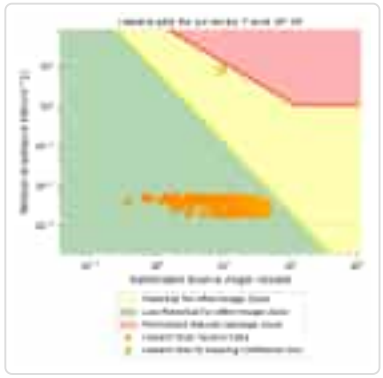
PV array 7: OP 59

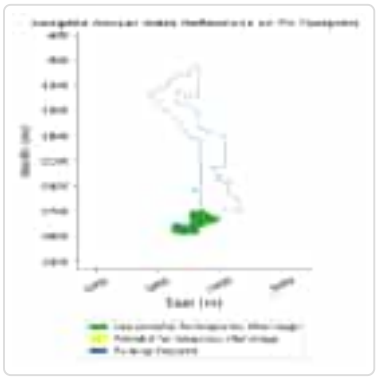
PV array is expected to produce the following glare for this receptor:

- 2,331 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





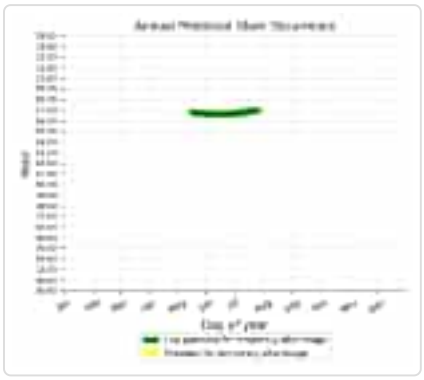


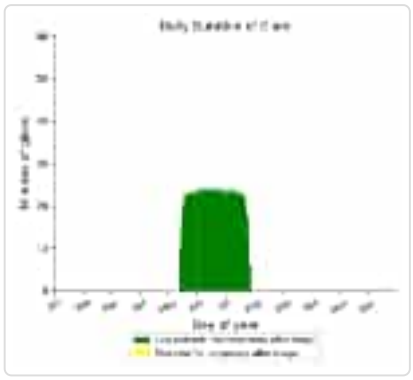


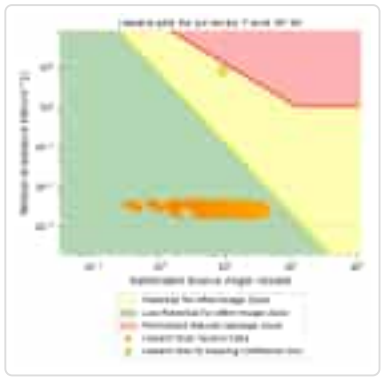
PV array 7: OP 60

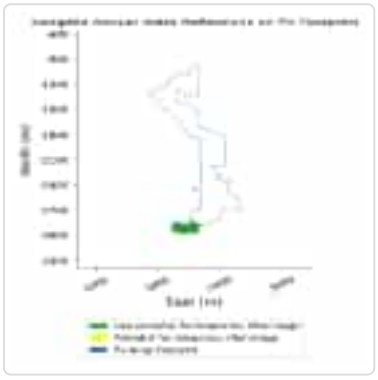
PV array is expected to produce the following glare for this receptor:

- 1,699 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





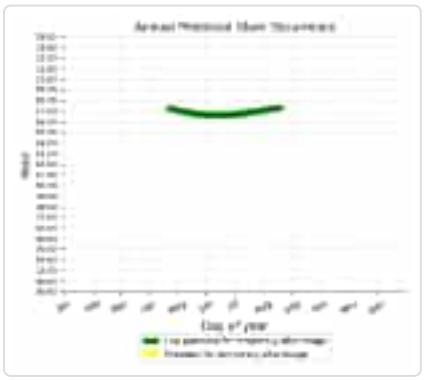


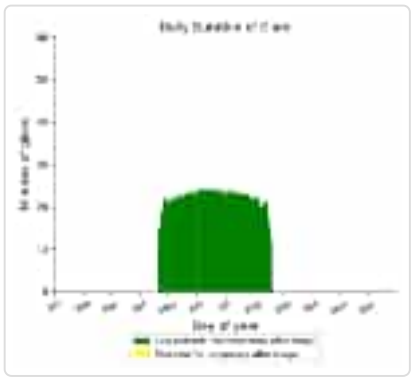


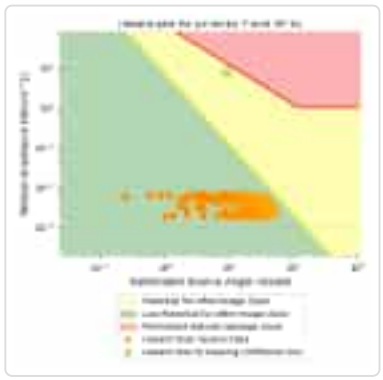
PV array 7: OP 61

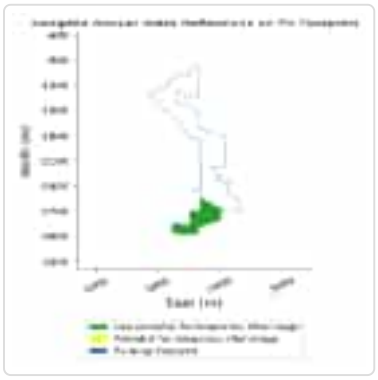
PV array is expected to produce the following glare for this receptor:

- 2,733 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





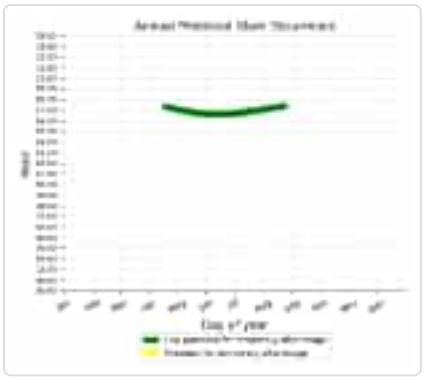


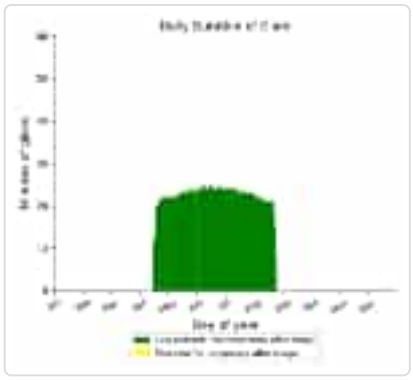


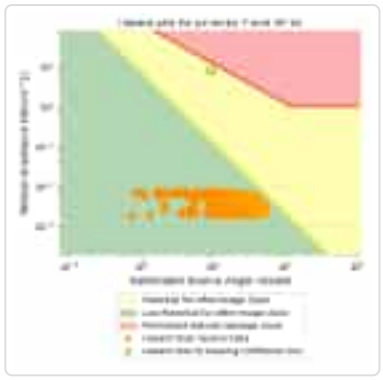
PV array 7: OP 62

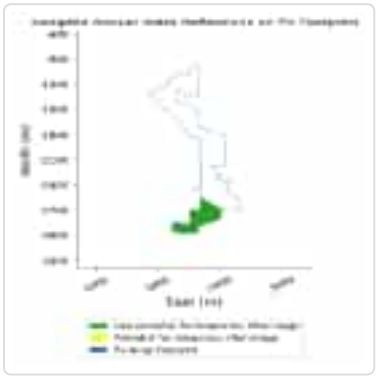
PV array is expected to produce the following glare for this receptor:

- 2,979 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 63

No glare found

PV array 7: OP 64

No glare found

PV array 7: OP 65

No glare found

PV array 7: OP 66

No glare found

PV array 7: OP 67

No glare found

PV array 7: OP 68

No glare found

PV array 7: OP 69

No glare found

PV array 7: OP 70

No glare found

PV array 7: OP 71

No glare found

PV array 7: OP 72

No glare found

PV array 7: OP 73

No glare found

PV array 7: OP 74

No glare found

PV array 7: OP 75

No glare found

PV array 7: OP 76

No glare found

PV array 7: OP 77

No glare found

PV array 7: OP 78

No glare found

PV array 7: OP 79

No glare found

PV array 8 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	599	0
OP: OP 49	0	0
OP: OP 50	0	0

OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	1148	0
OP: OP 54	1366	0
OP: OP 55	1745	0
OP: OP 56	2288	0
OP: OP 57	1403	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

PV array 8: OP 1

No glare found

PV array 8: OP 2

No glare found

PV array 8: OP 3

No glare found

PV array 8: OP 4

No glare found

PV array 8: OP 5

No glare found

PV array 8: OP 6

No glare found

PV array 8: OP 7

No glare found

PV array 8: OP 8

No glare found

PV array 8: OP 9

No glare found

PV array 8: OP 10

No glare found

PV array 8: OP 11

No glare found

PV array 8: OP 12

No glare found

PV array 8: OP 13

No glare found

PV array 8: OP 14

No glare found

PV array 8: OP 15

No glare found

PV array 8: OP 16

No glare found

PV array 8: OP 17

No glare found

PV array 8: OP 18

No glare found

PV array 8: OP 19

No glare found

PV array 8: OP 20

No glare found

PV array 8: OP 21

No glare found

PV array 8: OP 22

No glare found

PV array 8: OP 23

No glare found

PV array 8: OP 24

No glare found

PV array 8: OP 25

No glare found

PV array 8: OP 26

No glare found

PV array 8: OP 27

No glare found

PV array 8: OP 28

No glare found

PV array 8: OP 29

No glare found

PV array 8: OP 30

No glare found

PV array 8: OP 31

No glare found

PV array 8: OP 32

No glare found

PV array 8: OP 33

No glare found

PV array 8: OP 34

No glare found

PV array 8: OP 35

No glare found

PV array 8: OP 36

No glare found

PV array 8: OP 37

No glare found

PV array 8: OP 38

No glare found

PV array 8: OP 39

No glare found

PV array 8: OP 40

No glare found

PV array 8: OP 41

No glare found

PV array 8: OP 42

No glare found

PV array 8: OP 43

No glare found

PV array 8: OP 44

No glare found

PV array 8: OP 45

No glare found

PV array 8: OP 46

No glare found

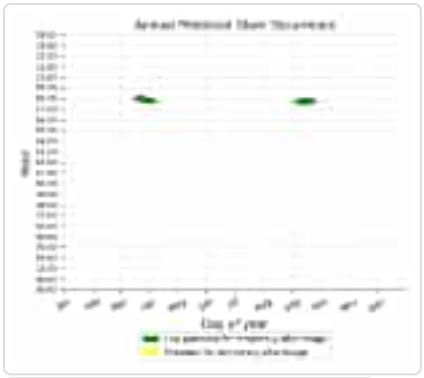
PV array 8: OP 47

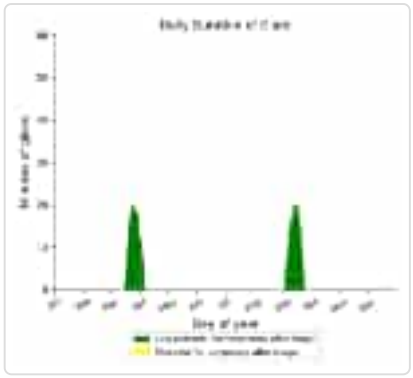
No glare found

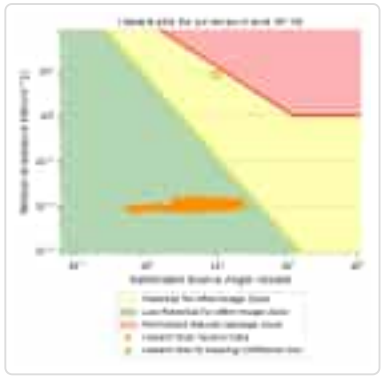
PV array 8: OP 48

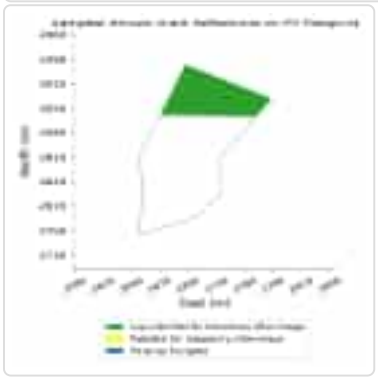
PV array is expected to produce the following glare for this receptor:

- 599 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 8: OP 49

No glare found

PV array 8: OP 50

No glare found

PV array 8: OP 51

No glare found

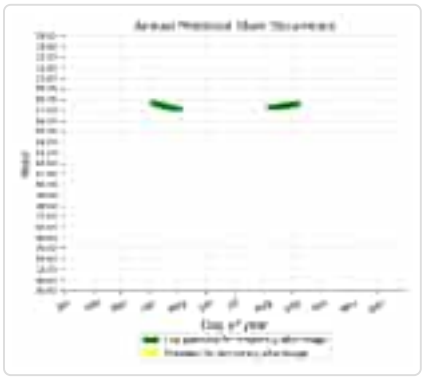
PV array 8: OP 52

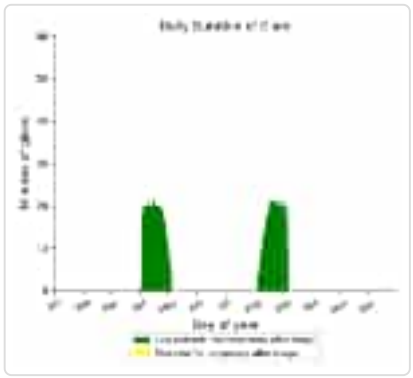
No glare found

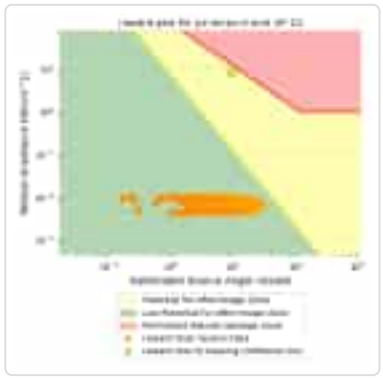
PV array 8: OP 53

PV array is expected to produce the following glare for this receptor:

- 1,148 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



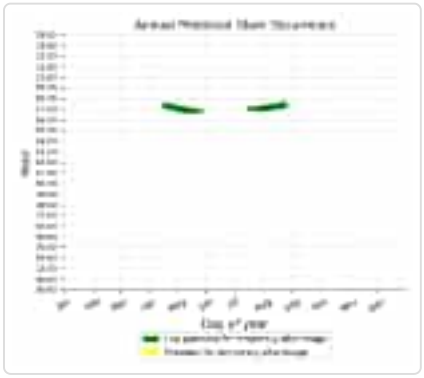


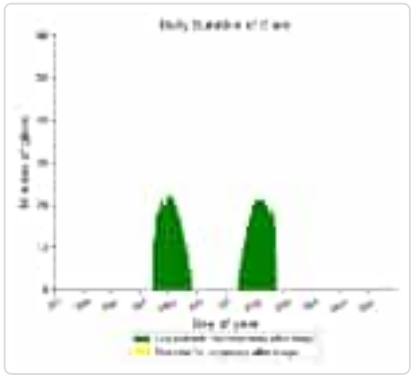


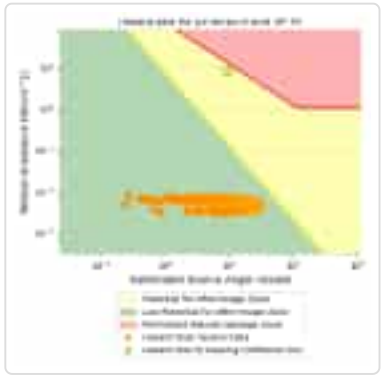
PV array 8: OP 54

PV array is expected to produce the following glare for this receptor:

- 1,366 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



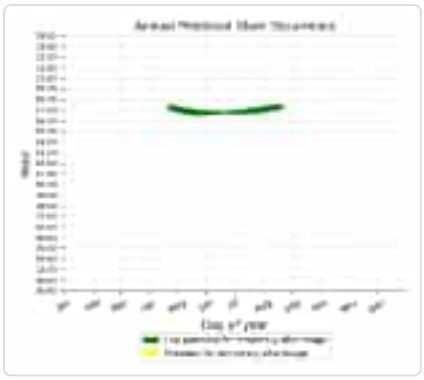


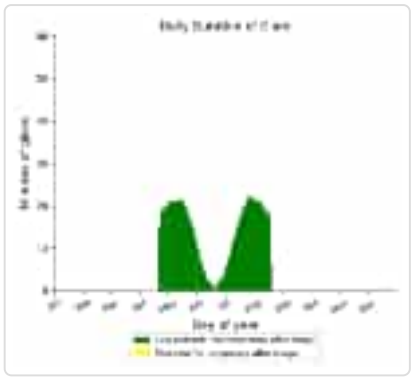


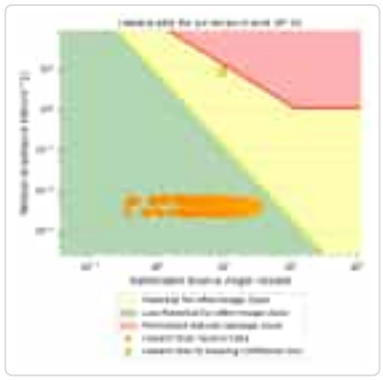
PV array 8: OP 55

PV array is expected to produce the following glare for this receptor:

- 1,745 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



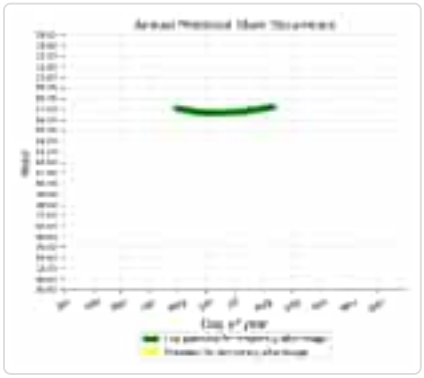


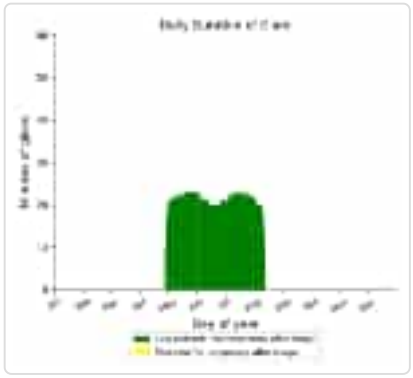


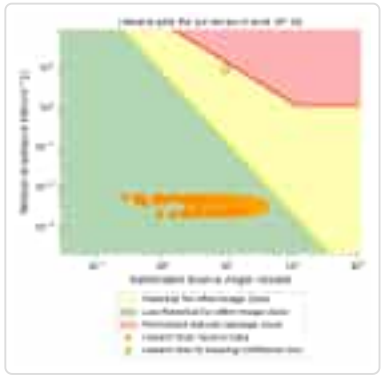
PV array 8: OP 56

PV array is expected to produce the following glare for this receptor:

- 2,288 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



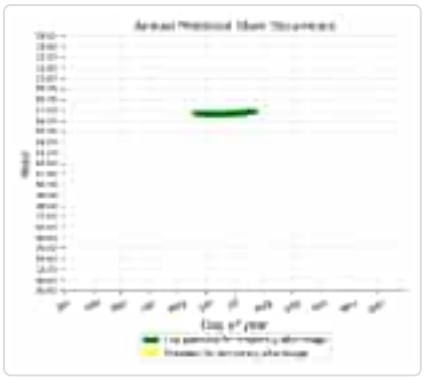


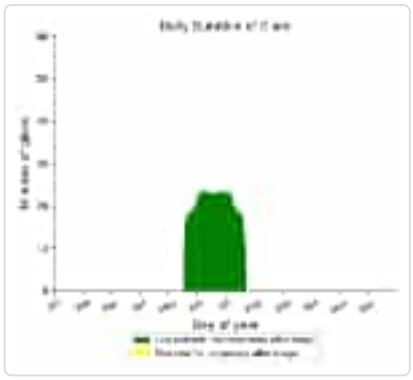


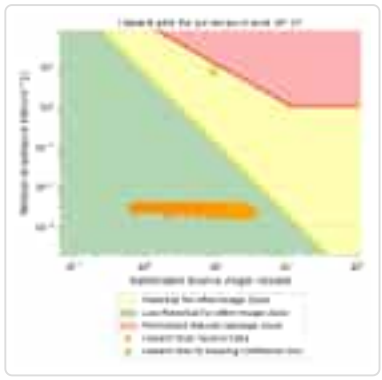
PV array 8: OP 57

PV array is expected to produce the following glare for this receptor:

- 1,403 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 8: OP 58

No glare found

PV array 8: OP 59

No glare found

PV array 8: OP 60

No glare found

PV array 8: OP 61

No glare found

PV array 8: OP 62

No glare found

PV array 8: OP 63

No glare found

PV array 8: OP 64

No glare found

PV array 8: OP 65

No glare found

PV array 8: OP 66

No glare found

PV array 8: OP 67

No glare found

PV array 8: OP 68

No glare found

PV array 8: OP 69

No glare found

PV array 8: OP 70

No glare found

PV array 8: OP 71

No glare found

PV array 8: OP 72

No glare found

PV array 8: OP 73

No glare found

PV array 8: OP 74

No glare found

PV array 8: OP 75

No glare found

PV array 8: OP 76

No glare found

PV array 8: OP 77

No glare found

PV array 8: OP 78

No glare found

PV array 8: OP 79

No glare found

PV array 9 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0

OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	88	0
OP: OP 55	123	0
OP: OP 56	256	0
OP: OP 57	682	0
OP: OP 58	956	0
OP: OP 59	1084	0
OP: OP 60	1412	0
OP: OP 61	930	0
OP: OP 62	975	0
OP: OP 63	601	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	920	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

PV array 9: OP 1

No glare found

PV array 9: OP 2

No glare found

PV array 9: OP 3

No glare found

PV array 9: OP 4

No glare found

PV array 9: OP 5

No glare found

PV array 9: OP 6

No glare found

PV array 9: OP 7

No glare found

PV array 9: OP 8

No glare found

PV array 9: OP 9

No glare found

PV array 9: OP 10

No glare found

PV array 9: OP 11

No glare found

PV array 9: OP 12

No glare found

PV array 9: OP 13

No glare found

PV array 9: OP 14

No glare found

PV array 9: OP 15

No glare found

PV array 9: OP 16

No glare found

PV array 9: OP 17

No glare found

PV array 9: OP 18

No glare found

PV array 9: OP 19

No glare found

PV array 9: OP 20

No glare found

PV array 9: OP 21

No glare found

PV array 9: OP 22

No glare found

PV array 9: OP 23

No glare found

PV array 9: OP 24

No glare found

PV array 9: OP 25

No glare found

PV array 9: OP 26

No glare found

PV array 9: OP 27

No glare found

PV array 9: OP 28

No glare found

PV array 9: OP 29

No glare found

PV array 9: OP 30

No glare found

PV array 9: OP 31

No glare found

PV array 9: OP 32

No glare found

PV array 9: OP 33

No glare found

PV array 9: OP 34

No glare found

PV array 9: OP 35

No glare found

PV array 9: OP 36

No glare found

PV array 9: OP 37

No glare found

PV array 9: OP 38

No glare found

PV array 9: OP 39

No glare found

PV array 9: OP 40

No glare found

PV array 9: OP 41

No glare found

PV array 9: OP 42

No glare found

PV array 9: OP 43

No glare found

PV array 9: OP 44

No glare found

PV array 9: OP 45

No glare found

PV array 9: OP 46

No glare found

PV array 9: OP 47

No glare found

PV array 9: OP 48

No glare found

PV array 9: OP 49

No glare found

PV array 9: OP 50

No glare found

PV array 9: OP 51

No glare found

PV array 9: OP 52

No glare found

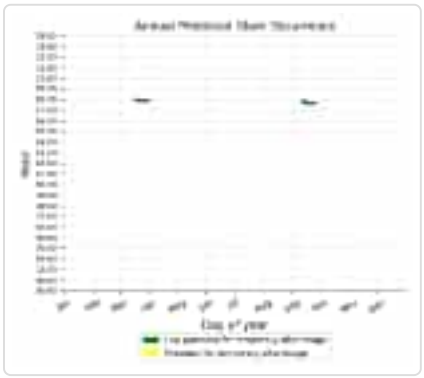
PV array 9: OP 53

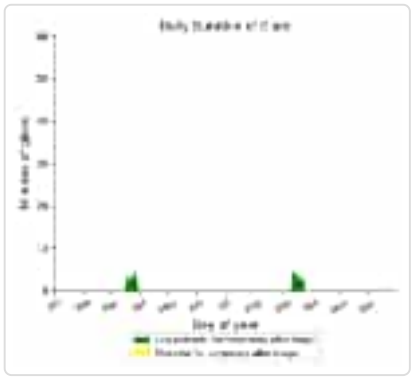
No glare found

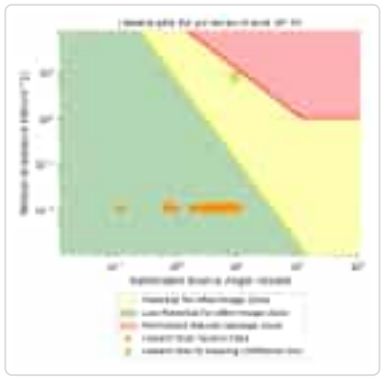
PV array 9: OP 54

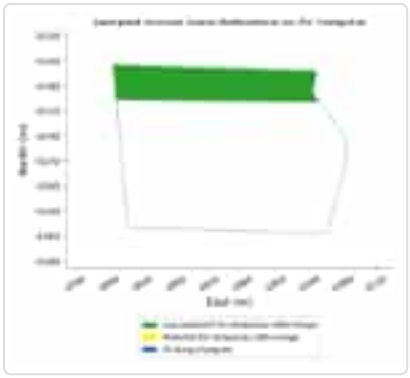
PV array is expected to produce the following glare for this receptor:

- 88 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





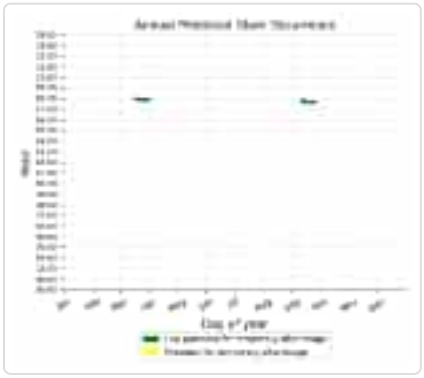


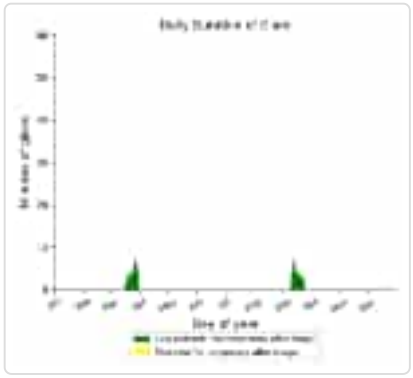


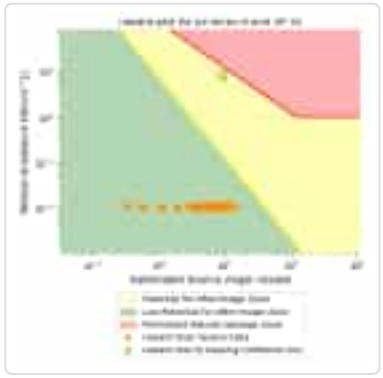
PV array 9: OP 55

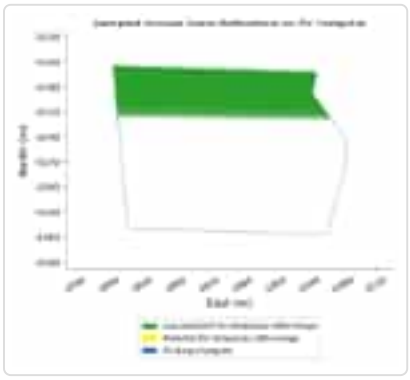
PV array is expected to produce the following glare for this receptor:

- 123 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





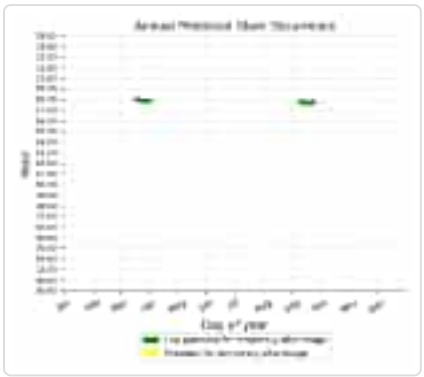


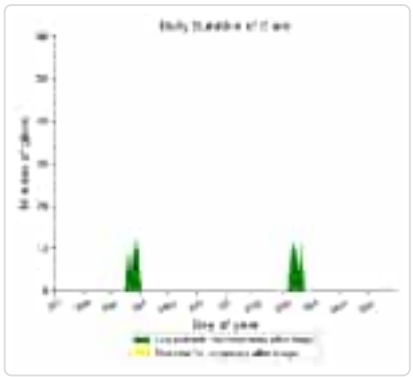


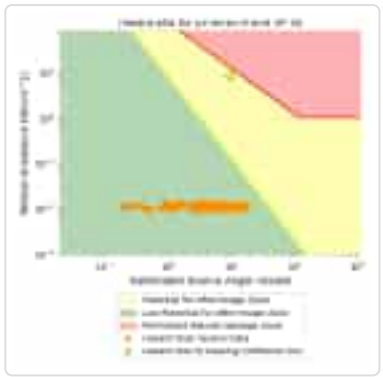
PV array 9: OP 56

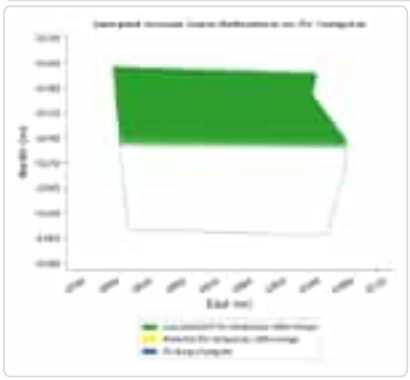
PV array is expected to produce the following glare for this receptor:

- 256 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





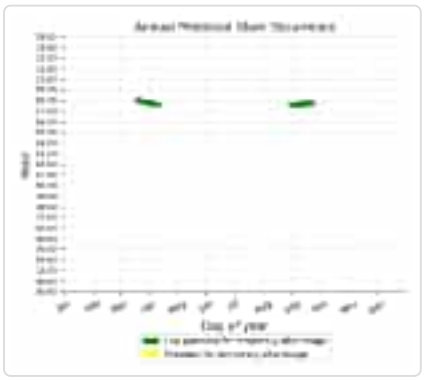


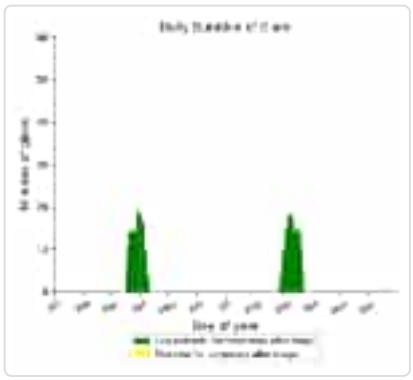


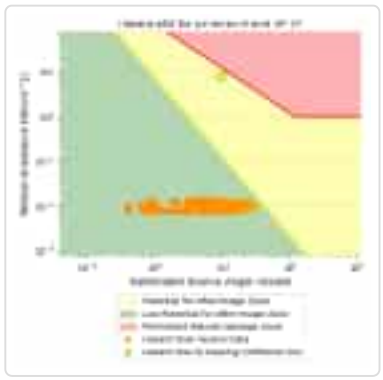
PV array 9: OP 57

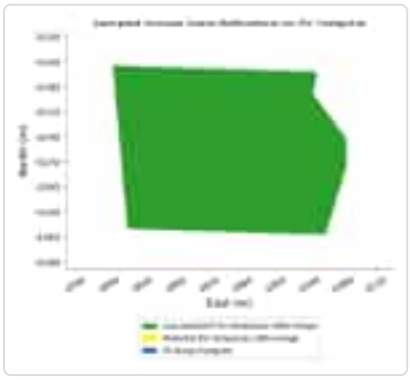
PV array is expected to produce the following glare for this receptor:

- 682 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





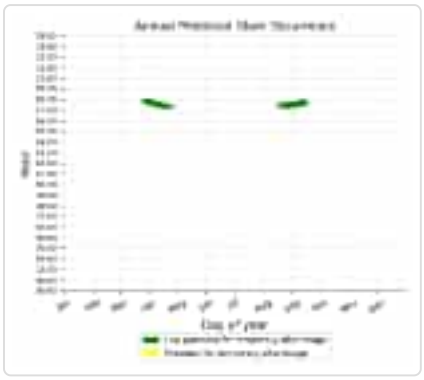


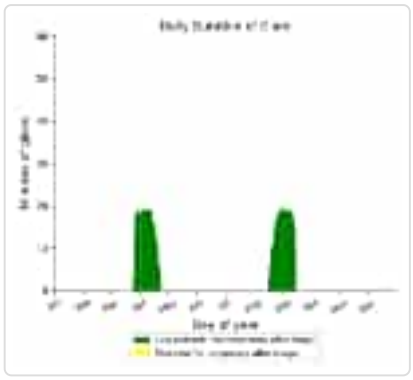


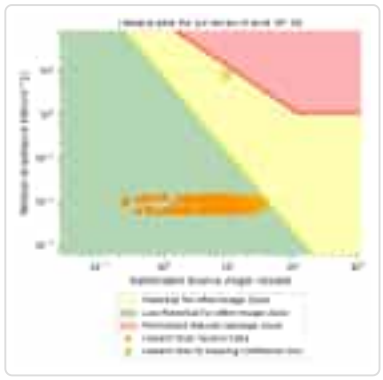
PV array 9: OP 58

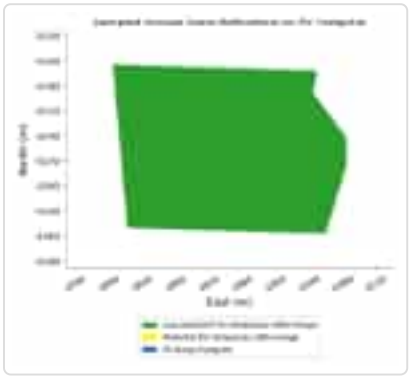
PV array is expected to produce the following glare for this receptor:

- 956 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





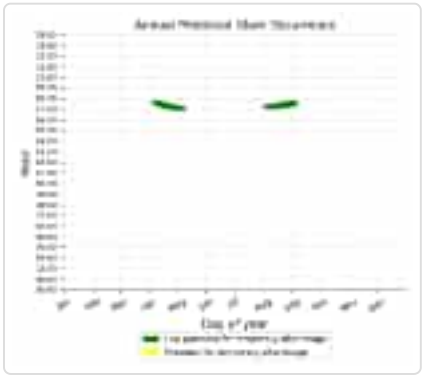


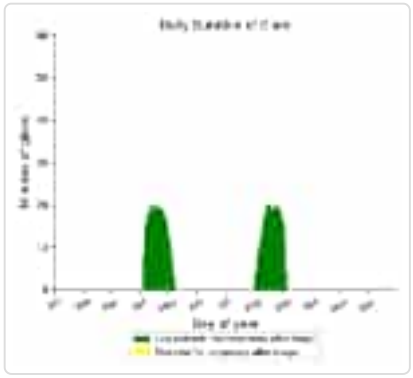


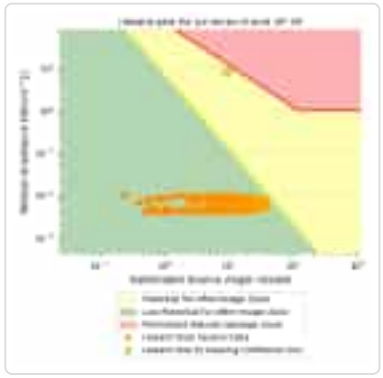
PV array 9: OP 59

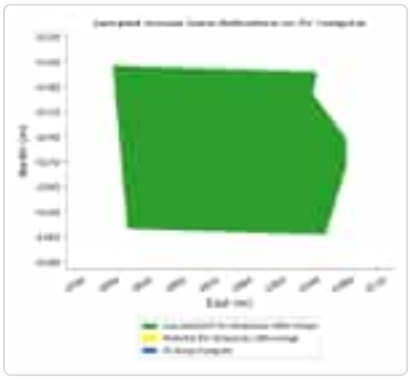
PV array is expected to produce the following glare for this receptor:

- 1,084 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





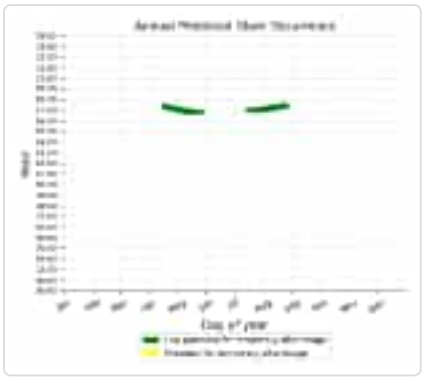


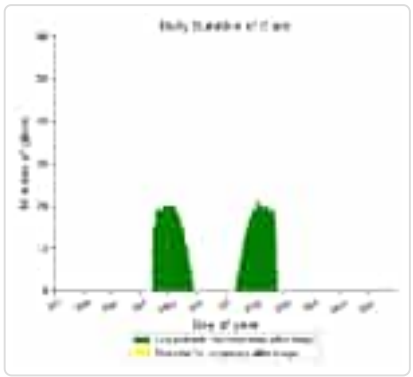


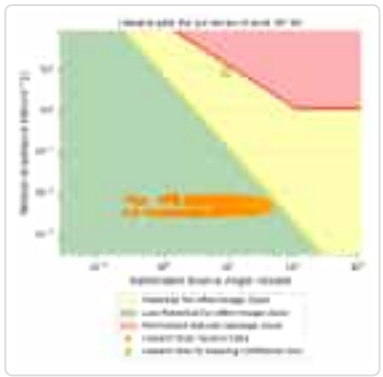
PV array 9: OP 60

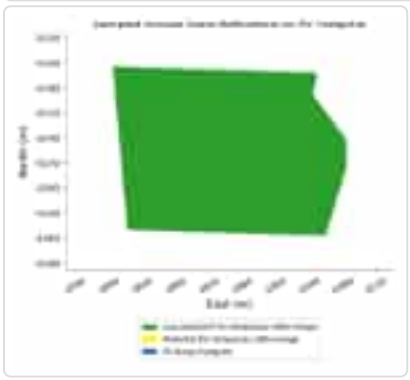
PV array is expected to produce the following glare for this receptor:

- 1,412 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





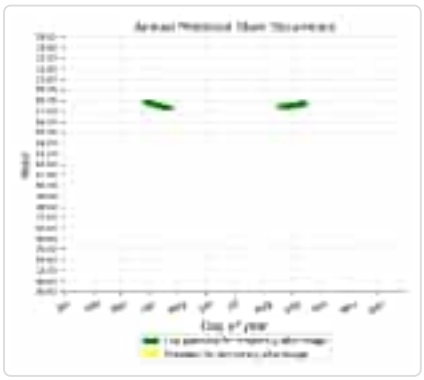


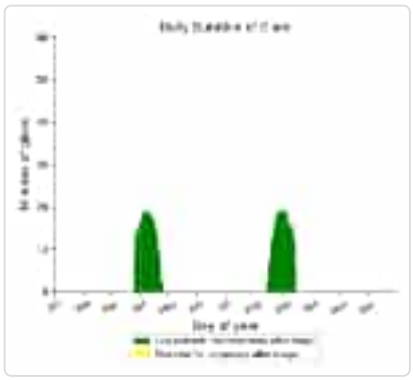


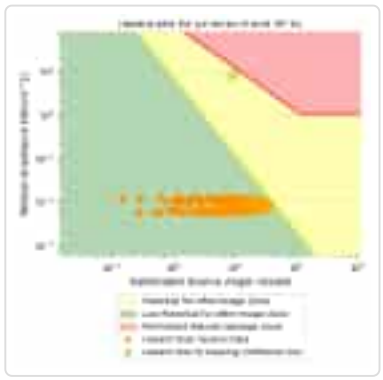
PV array 9: OP 61

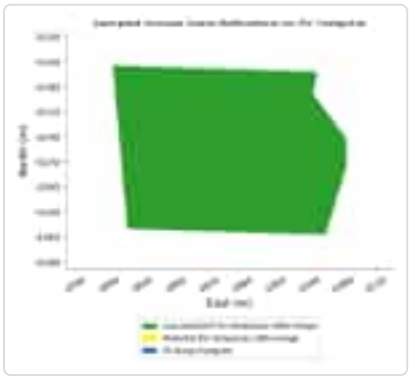
PV array is expected to produce the following glare for this receptor:

- 930 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





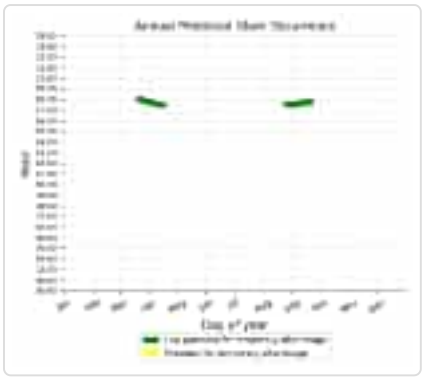


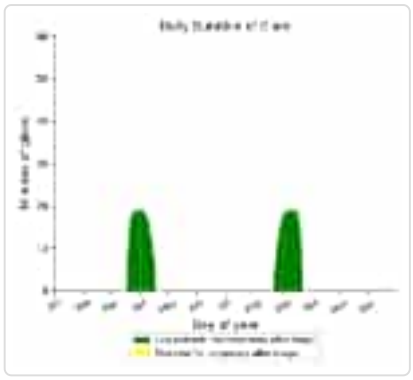


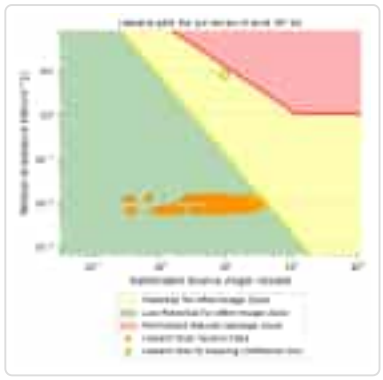
PV array 9: OP 62

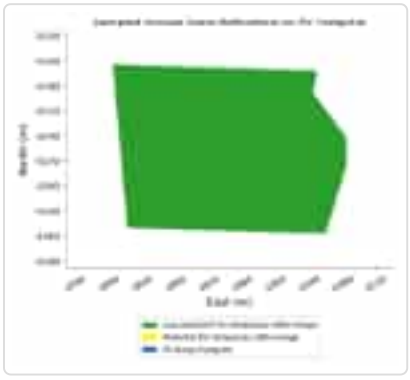
PV array is expected to produce the following glare for this receptor:

- 975 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





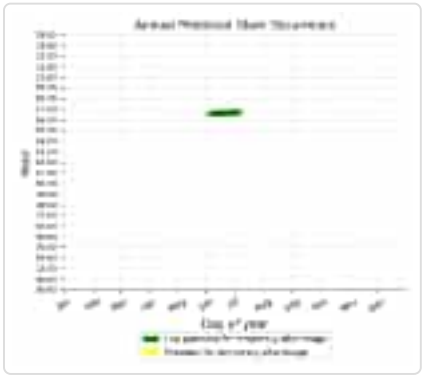


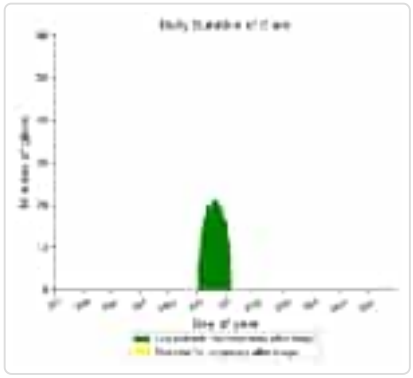


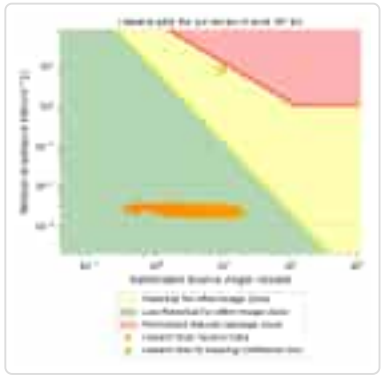
PV array 9: OP 63

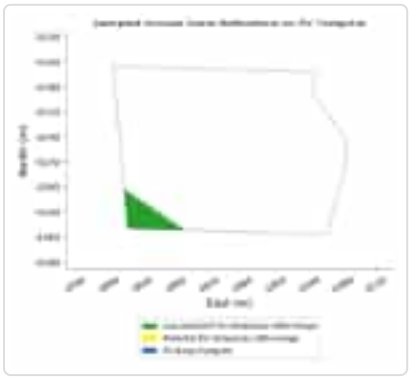
PV array is expected to produce the following glare for this receptor:

- 601 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 64

No glare found

PV array 9: OP 65

No glare found

PV array 9: OP 66

No glare found

PV array 9: OP 67

No glare found

PV array 9: OP 68

No glare found

PV array 9: OP 69

No glare found

PV array 9: OP 70

No glare found

PV array 9: OP 71

No glare found

PV array 9: OP 72

No glare found

PV array 9: OP 73

No glare found

PV array 9: OP 74

No glare found

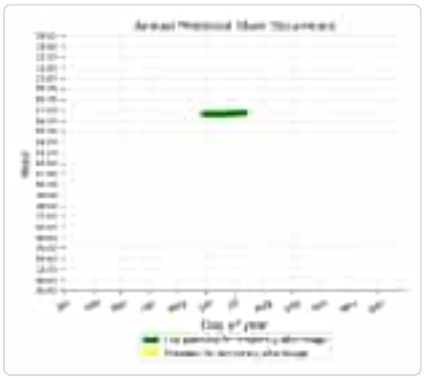
PV array 9: OP 75

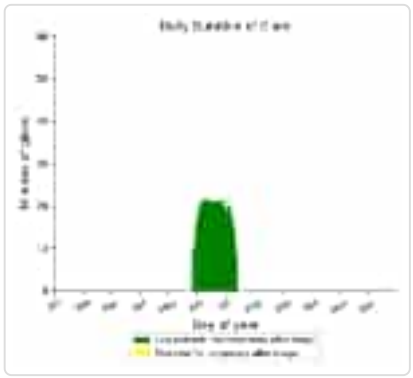
No glare found

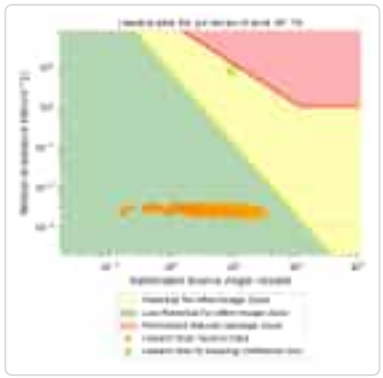
PV array 9: OP 76

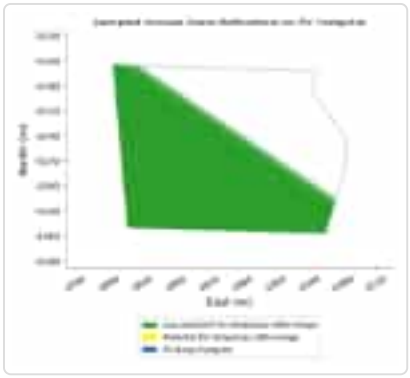
PV array is expected to produce the following glare for this receptor:

- 920 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 77

No glare found

PV array 9: OP 78

No glare found

PV array 9: OP 79

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.

- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Fosse Green Solar Farm

Fosse Green SF Bridleway Tracker

Created Jan 11, 2024
Updated Sep 25, 2024
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 109531.18719

Project type Advanced
Project status: active
Category 10 MW to 100 MW

Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
PV array 1	SA tracking	SA tracking	201,770	30,775	-
PV array 10	SA tracking	SA tracking	14,167	3,274	-
PV array 11	SA tracking	SA tracking	68,978	42,020	-
PV array 12	SA tracking	SA tracking	5,939	0	-
PV array 13	SA tracking	SA tracking	79,917	40,978	-
PV array 14	SA tracking	SA tracking	57,877	134	-
PV array 15	SA tracking	SA tracking	3,656	13	-
PV array 2	SA tracking	SA tracking	288,333	48,732	-
PV array 3	SA tracking	SA tracking	11,014	3,910	-
PV array 4	SA tracking	SA tracking	24,546	8,443	-
PV array 5	SA tracking	SA tracking	7,897	0	-
PV array 6	SA tracking	SA tracking	25,497	3,409	-
PV array 7	SA tracking	SA tracking	13,016	198	-
PV array 8	SA tracking	SA tracking	1,659	0	-
PV array 9	SA tracking	SA tracking	1,895	0	-

Component Data

PV Array(s)

Total PV footprint area: 5,152,272 m^2

Name: PV array 1
Footprint area: 534,233 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.173327	-0.683693	15.22	3.50	18.72
2	53.171796	-0.684143	15.03	3.50	18.53
3	53.171552	-0.683478	15.19	3.50	18.69
4	53.171127	-0.682985	15.98	3.50	19.48
5	53.169712	-0.681805	15.00	3.50	18.50
6	53.168092	-0.681418	16.50	3.50	20.00
7	53.167989	-0.682362	16.00	3.50	19.50
8	53.167616	-0.682427	15.86	3.50	19.36
9	53.166844	-0.682749	16.00	3.50	19.50
10	53.166574	-0.682985	16.00	3.50	19.50
11	53.166123	-0.682920	16.00	3.50	19.50
12	53.166394	-0.680345	17.00	3.50	20.50
13	53.166741	-0.680410	16.40	3.50	19.90
14	53.166831	-0.679530	17.48	3.50	20.98
15	53.167320	-0.679659	17.17	3.50	20.67
16	53.167564	-0.677277	20.64	3.50	24.14
17	53.166522	-0.676741	20.78	3.50	24.28
18	53.164593	-0.675024	20.02	3.50	23.52
19	53.163010	-0.673672	18.14	3.50	21.64
20	53.162869	-0.672857	19.04	3.50	22.54
21	53.163088	-0.672084	19.80	3.50	23.30
22	53.163679	-0.671333	23.18	3.50	26.68
23	53.165403	-0.672857	27.63	3.50	31.13
24	53.165648	-0.671870	30.61	3.50	34.11
25	53.166458	-0.671269	32.00	3.50	35.50
26	53.166857	-0.671569	31.99	3.50	35.49
27	53.167847	-0.667406	24.66	3.50	28.16
28	53.169468	-0.666720	25.10	3.50	28.60
29	53.169031	-0.668608	27.89	3.50	31.39
30	53.169198	-0.670067	30.98	3.50	34.48
31	53.169982	-0.673629	26.94	3.50	30.44
32	53.170246	-0.673758	26.58	3.50	30.08
33	53.171294	-0.673125	28.40	3.50	31.90
34	53.171745	-0.672299	30.82	3.50	34.32
35	53.172105	-0.674048	26.50	3.50	30.00
36	53.171674	-0.675957	22.65	3.50	26.15
37	53.171507	-0.677599	22.08	3.50	25.58
38	53.171629	-0.678414	22.99	3.50	26.49
39	53.171918	-0.678833	24.21	3.50	27.71
40	53.171809	-0.679283	22.62	3.50	26.12
41	53.171449	-0.679391	20.48	3.50	23.98
42	53.170838	-0.677985	18.51	3.50	22.01
43	53.170593	-0.678028	17.96	3.50	21.46
44	53.170606	-0.678200	17.83	3.50	21.33
45	53.171372	-0.679906	19.18	3.50	22.68
46	53.171249	-0.681719	17.42	3.50	20.92
47	53.171378	-0.681955	17.27	3.50	20.77
48	53.171333	-0.682395	16.56	3.50	20.06
49	53.171597	-0.682502	16.79	3.50	20.29
50	53.173384	-0.681622	18.75	3.50	22.25

Name: PV array 10
Footprint area: 185,320 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.150798	-0.633966	8.64	3.50	12.14
2	53.150219	-0.635436	8.34	3.50	11.84
3	53.150026	-0.636744	8.28	3.50	11.78
4	53.148983	-0.636744	9.89	3.50	13.39
5	53.148803	-0.636862	10.13	3.50	13.63
6	53.148829	-0.637045	9.76	3.50	13.26
7	53.147420	-0.637957	10.19	3.50	13.69
8	53.146461	-0.637796	10.65	3.50	14.15
9	53.146126	-0.637302	11.44	3.50	14.94
10	53.145875	-0.635146	9.74	3.50	13.24
11	53.145566	-0.635264	9.14	3.50	12.64
12	53.145451	-0.635843	9.42	3.50	12.92
13	53.145142	-0.635951	9.94	3.50	13.44
14	53.144987	-0.634910	11.54	3.50	15.04
15	53.144637	-0.634278	12.00	3.50	15.50
16	53.143968	-0.633344	12.41	3.50	15.91
17	53.144200	-0.633280	11.84	3.50	15.34
18	53.144953	-0.632754	9.97	3.50	13.47
19	53.145828	-0.631949	10.31	3.50	13.81
20	53.146497	-0.631509	11.15	3.50	14.65
21	53.147668	-0.633848	12.51	3.50	16.01
22	53.148395	-0.633344	12.81	3.50	16.31
23	53.148254	-0.632947	13.08	3.50	16.58
24	53.148910	-0.632035	13.05	3.50	16.55
25	53.149148	-0.632604	13.03	3.50	16.53
26	53.149631	-0.631853	12.49	3.50	15.99

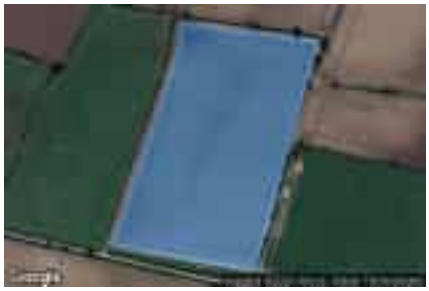
Name: PV array 11
Footprint area: 719,118 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.148506	-0.631749	13.14	3.50	16.64
2	53.147850	-0.632704	12.97	3.50	16.47
3	53.147683	-0.632715	12.37	3.50	15.87
4	53.146640	-0.630945	11.20	3.50	14.70
5	53.146396	-0.630848	12.22	3.50	15.72
6	53.145637	-0.631266	12.28	3.50	15.78
7	53.144343	-0.632565	11.04	3.50	14.54
8	53.142046	-0.627951	13.11	3.50	16.61
9	53.141524	-0.626084	12.34	3.50	15.84
10	53.138596	-0.627329	13.83	3.50	17.33
11	53.138454	-0.627232	13.48	3.50	16.98
12	53.137051	-0.628370	12.96	3.50	16.46
13	53.137154	-0.629056	13.21	3.50	16.71
14	53.135919	-0.628649	14.19	3.50	17.69
15	53.135771	-0.627640	12.78	3.50	16.28
16	53.134593	-0.628456	13.03	3.50	16.53
17	53.134464	-0.624700	12.77	3.50	16.27
18	53.134618	-0.624700	12.76	3.50	16.26
19	53.134631	-0.624990	12.76	3.50	16.26
20	53.135655	-0.624947	12.58	3.50	16.08
21	53.135758	-0.626331	11.86	3.50	15.36
22	53.136112	-0.626567	11.92	3.50	15.42
23	53.136549	-0.625162	10.74	3.50	14.24
24	53.136717	-0.625055	10.13	3.50	13.63
25	53.136652	-0.624636	10.38	3.50	13.88
26	53.137450	-0.624089	10.03	3.50	13.53
27	53.135830	-0.616790	7.11	3.50	10.61
28	53.136200	-0.615960	6.99	3.50	10.49
29	53.137240	-0.614930	7.15	3.50	10.65
30	53.137620	-0.615100	7.24	3.50	10.74
31	53.137860	-0.615550	7.38	3.50	10.88
32	53.137990	-0.614790	7.14	3.50	10.64
33	53.139105	-0.617426	7.93	3.50	11.43
34	53.139800	-0.619754	11.05	3.50	14.55
35	53.141717	-0.618682	9.38	3.50	12.88
36	53.142129	-0.620227	11.21	3.50	14.71
37	53.142007	-0.620323	10.80	3.50	14.30
38	53.142541	-0.622211	11.19	3.50	14.69
39	53.144034	-0.620784	11.76	3.50	15.26
40	53.144607	-0.623563	11.92	3.50	15.42
41	53.145591	-0.624582	12.63	3.50	16.13
42	53.145044	-0.625248	12.90	3.50	16.40
43	53.145077	-0.625666	12.28	3.50	15.78
44	53.146634	-0.628348	11.72	3.50	15.22
45	53.146808	-0.628220	12.16	3.50	15.66
46	53.148268	-0.630762	12.11	3.50	15.61
47	53.148101	-0.631030	11.92	3.50	15.42

Name: PV array 12
Footprint area: 73,115 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.136228	-0.613414	8.07	3.50	11.57
2	53.135854	-0.613478	8.46	3.50	11.96
3	53.133222	-0.614980	9.82	3.50	13.32
4	53.132887	-0.611772	10.64	3.50	14.14
5	53.135977	-0.610335	9.13	3.50	12.63

Name: PV array 13
Footprint area: 737,153 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.135585	-0.658160	11.48	3.50	14.98
2	53.136461	-0.665906	14.75	3.50	18.25
3	53.130642	-0.667945	14.56	3.50	18.06
4	53.130333	-0.666357	13.81	3.50	17.31
5	53.128440	-0.666872	14.86	3.50	18.36
6	53.128582	-0.668717	14.77	3.50	18.27
7	53.128273	-0.668782	14.57	3.50	18.07
8	53.128131	-0.667301	14.49	3.50	17.99
9	53.125730	-0.667666	13.07	3.50	16.57
10	53.125710	-0.667945	12.94	3.50	16.44
11	53.124455	-0.667505	13.19	3.50	16.69
12	53.124558	-0.666711	12.70	3.50	16.20
13	53.123380	-0.665788	11.31	3.50	14.81
14	53.123457	-0.665370	11.00	3.50	14.50
15	53.123122	-0.665220	12.04	3.50	15.54
16	53.123476	-0.663514	13.15	3.50	16.65
17	53.124365	-0.661776	13.29	3.50	16.79
18	53.124571	-0.660832	13.96	3.50	17.46
19	53.125067	-0.660220	13.10	3.50	16.60
20	53.126410	-0.656650	11.66	3.50	15.16
21	53.126650	-0.656260	11.38	3.50	14.88
22	53.126960	-0.656270	11.65	3.50	15.15
23	53.127180	-0.656070	12.25	3.50	15.75
24	53.127600	-0.659050	12.08	3.50	15.58
25	53.128790	-0.658920	13.52	3.50	17.02
26	53.129280	-0.661440	14.94	3.50	18.44
27	53.131090	-0.659840	14.90	3.50	18.40
28	53.131520	-0.659500	14.40	3.50	17.90
29	53.132320	-0.658860	12.70	3.50	16.20
30	53.133270	-0.657930	12.71	3.50	16.21
31	53.133345	-0.658664	11.01	3.50	14.51

Name: PV array 14
Footprint area: 209,712 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132660	-0.653180	10.42	3.50	13.92
2	53.132070	-0.653360	10.23	3.50	13.73
3	53.131511	-0.653075	11.28	3.50	14.78
4	53.130770	-0.652409	10.38	3.50	13.88
5	53.130352	-0.650049	9.94	3.50	13.44
6	53.130095	-0.649556	9.85	3.50	13.35
7	53.130275	-0.649255	10.71	3.50	14.21
8	53.132390	-0.648020	11.64	3.50	15.14
9	53.133030	-0.650850	12.02	3.50	15.52
10	53.133030	-0.650850	12.02	3.50	15.52
11	53.136270	-0.648960	10.09	3.50	13.59
12	53.136270	-0.648960	10.09	3.50	13.59
13	53.136080	-0.645870	9.77	3.50	13.27
14	53.136080	-0.645870	9.77	3.50	13.27
15	53.137430	-0.645210	9.73	3.50	13.23
16	53.137430	-0.645210	9.73	3.50	13.23
17	53.137750	-0.648600	9.23	3.50	12.73
18	53.137750	-0.648600	9.23	3.50	12.73
19	53.137580	-0.648830	9.22	3.50	12.72
20	53.137580	-0.648830	9.22	3.50	12.72
21	53.138060	-0.652120	9.08	3.50	12.58
22	53.138060	-0.652120	9.08	3.50	12.58
23	53.137820	-0.652230	9.58	3.50	13.08
24	53.137820	-0.652230	9.58	3.50	13.08
25	53.137750	-0.652040	9.56	3.50	13.06
26	53.137750	-0.652040	9.56	3.50	13.06
27	53.135890	-0.651840	9.88	3.50	13.38
28	53.135890	-0.651840	9.88	3.50	13.38

Name: PV array 15
Footprint area: 78,226 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132772	-0.647378	9.94	3.50	13.44
2	53.130056	-0.648847	10.80	3.50	14.30
3	53.129882	-0.649255	9.89	3.50	13.39
4	53.129303	-0.648847	10.80	3.50	14.30
5	53.128942	-0.648858	10.87	3.50	14.37
6	53.128884	-0.648418	11.51	3.50	15.01
7	53.128311	-0.648386	11.43	3.50	14.93
8	53.128105	-0.646884	11.40	3.50	14.90
9	53.130622	-0.645758	10.83	3.50	14.33
10	53.130700	-0.646122	11.65	3.50	15.15
11	53.131298	-0.645768	10.18	3.50	13.68
12	53.132410	-0.645330	9.00	3.50	12.50

Name: PV array 2
Footprint area: 575,691 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.178640	-0.666110	19.50	3.50	23.00
2	53.177870	-0.669090	19.28	3.50	22.78
3	53.176523	-0.668029	19.69	3.50	23.19
4	53.174220	-0.666891	26.06	3.50	29.56
5	53.174465	-0.660669	17.80	3.50	21.30
6	53.172497	-0.660755	16.16	3.50	19.66
7	53.172510	-0.661355	17.14	3.50	20.64
8	53.172960	-0.661484	17.29	3.50	20.79
9	53.173230	-0.666677	24.28	3.50	27.78
10	53.172175	-0.666226	20.97	3.50	24.47
11	53.171823	-0.664919	19.69	3.50	23.19
12	53.171714	-0.664865	19.72	3.50	23.22
13	53.170968	-0.662526	18.08	3.50	21.58
14	53.170357	-0.661797	17.29	3.50	20.79
15	53.174293	-0.653523	13.69	3.50	17.19
16	53.178283	-0.655459	15.69	3.50	19.19
17	53.179363	-0.655588	13.41	3.50	16.91
18	53.178051	-0.662519	19.70	3.50	23.20
19	53.177884	-0.665737	19.63	3.50	23.13

Name: PV array 3
Footprint area: 679,840 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.162240	-0.675330	17.88	3.50	21.38
2	53.159340	-0.671810	16.96	3.50	20.46
3	53.159790	-0.670480	16.50	3.50	20.00
4	53.160860	-0.668250	17.83	3.50	21.33
5	53.160420	-0.666810	17.26	3.50	20.76
6	53.159450	-0.669110	15.52	3.50	19.02
7	53.159860	-0.669750	15.96	3.50	19.46
8	53.159140	-0.671710	16.90	3.50	20.40
9	53.158240	-0.670650	16.68	3.50	20.18
10	53.158390	-0.670070	16.02	3.50	19.52
11	53.157840	-0.668790	15.77	3.50	19.27
12	53.159770	-0.664130	19.42	3.50	22.92
13	53.159920	-0.664410	18.34	3.50	21.84
14	53.160980	-0.661830	24.57	3.50	28.07
15	53.161160	-0.662010	24.26	3.50	27.76
16	53.161290	-0.661640	25.79	3.50	29.29
17	53.161160	-0.661450	26.00	3.50	29.50
18	53.162190	-0.659350	26.37	3.50	29.87
19	53.162080	-0.658850	26.32	3.50	29.82
20	53.162650	-0.657690	27.46	3.50	30.96
21	53.165690	-0.658340	22.77	3.50	26.27
22	53.165920	-0.658980	21.27	3.50	24.77
23	53.166210	-0.659430	20.99	3.50	24.49
24	53.165960	-0.661020	21.23	3.50	24.73
25	53.167980	-0.662370	18.26	3.50	21.76
26	53.167650	-0.663320	18.23	3.50	21.73
27	53.167500	-0.667240	23.91	3.50	27.41
28	53.164620	-0.668620	26.56	3.50	30.06
29	53.164820	-0.669520	27.49	3.50	30.99
30	53.163160	-0.671190	20.73	3.50	24.23
31	53.162730	-0.672050	18.84	3.50	22.34
32	53.162570	-0.673160	18.39	3.50	21.89
33	53.162750	-0.673700	17.85	3.50	21.35
34	53.162650	-0.674340	17.02	3.50	20.52

Name: PV array 4
Footprint area: 539,010 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.172585	-0.642585	14.81	3.50	18.31
2	53.173512	-0.648335	13.73	3.50	17.23
3	53.168740	-0.657433	17.19	3.50	20.69
4	53.168530	-0.657412	16.94	3.50	20.44
5	53.168310	-0.657830	18.09	3.50	21.59
6	53.168300	-0.658730	18.04	3.50	21.54
7	53.168070	-0.658890	17.95	3.50	21.45
8	53.165850	-0.657637	21.97	3.50	25.47
9	53.165850	-0.657637	21.97	3.50	25.47
10	53.165650	-0.657980	23.24	3.50	26.74
11	53.165650	-0.657980	23.24	3.50	26.74
12	53.162740	-0.657270	27.18	3.50	30.68
13	53.162740	-0.657270	27.18	3.50	30.68
14	53.164580	-0.653290	23.23	3.50	26.73
15	53.164580	-0.653290	23.23	3.50	26.73
16	53.166200	-0.654060	18.29	3.50	21.79
17	53.166200	-0.654060	18.29	3.50	21.79
18	53.166850	-0.655520	18.20	3.50	21.70
19	53.166850	-0.655520	18.20	3.50	21.70
20	53.167520	-0.655510	17.58	3.50	21.08
21	53.167980	-0.655110	18.44	3.50	21.94
22	53.169113	-0.651554	16.06	3.50	19.56
23	53.169113	-0.651060	15.41	3.50	18.91
24	53.168032	-0.650867	15.63	3.50	19.13
25	53.167955	-0.651597	16.07	3.50	19.57
26	53.167337	-0.651232	15.83	3.50	19.33
27	53.166077	-0.651103	19.26	3.50	22.76
28	53.166115	-0.650481	18.68	3.50	22.18
29	53.165961	-0.650181	19.78	3.50	23.28
30	53.168251	-0.644537	17.16	3.50	20.66
31	53.168920	-0.644687	16.30	3.50	19.80
32	53.170129	-0.644408	16.57	3.50	20.07
33	53.171132	-0.643754	15.25	3.50	18.75
34	53.171151	-0.643400	15.23	3.50	18.73
35	53.172000	-0.642681	14.97	3.50	18.47

Name: PV array 5
Footprint area: 85,119 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.175987	-0.638261	17.17	3.50	20.67
2	53.175962	-0.637317	17.32	3.50	20.82
3	53.175704	-0.636180	15.99	3.50	19.49
4	53.172039	-0.635257	10.34	3.50	13.84
5	53.170855	-0.638197	11.33	3.50	14.83
6	53.174251	-0.638304	12.30	3.50	15.80

Name: PV array 6
Footprint area: 178,317 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.167678	-0.644140	17.52	3.50	21.02
2	53.165556	-0.649011	19.39	3.50	22.89
3	53.164810	-0.644784	20.41	3.50	23.91
4	53.165350	-0.641716	16.27	3.50	19.77
5	53.163562	-0.640986	20.48	3.50	23.98
6	53.161902	-0.640643	22.38	3.50	25.88
7	53.159226	-0.640385	15.78	3.50	19.28
8	53.159329	-0.638197	13.14	3.50	16.64
9	53.162726	-0.638883	20.72	3.50	24.22
10	53.164115	-0.639205	17.21	3.50	20.71
11	53.165183	-0.639763	14.44	3.50	17.94
12	53.165800	-0.640707	14.81	3.50	18.31
13	53.166366	-0.642209	16.10	3.50	19.60
14	53.166971	-0.643282	16.63	3.50	20.13

Name: PV array 7
Footprint area: 492,432 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.164655	-0.651071	23.57	3.50	27.07
2	53.164218	-0.652101	24.34	3.50	27.84
3	53.163588	-0.652015	24.43	3.50	27.93
4	53.163575	-0.652466	24.10	3.50	27.60
5	53.163883	-0.652809	24.86	3.50	28.36
6	53.162790	-0.655406	26.04	3.50	29.54
7	53.162404	-0.655148	26.50	3.50	30.00
8	53.162082	-0.655835	27.39	3.50	30.89
9	53.162263	-0.656543	27.11	3.50	30.61
10	53.161516	-0.658324	26.25	3.50	29.75
11	53.158776	-0.654054	22.55	3.50	26.05
12	53.156879	-0.652104	18.45	3.50	21.95
13	53.156840	-0.650806	17.85	3.50	21.35
14	53.156634	-0.650474	16.75	3.50	20.25
15	53.155412	-0.650935	12.99	3.50	16.49
16	53.155245	-0.650441	12.47	3.50	15.97
17	53.154428	-0.650484	11.62	3.50	15.12
18	53.152317	-0.650581	10.82	3.50	14.32
19	53.151545	-0.650656	11.68	3.50	15.18
20	53.151481	-0.651761	11.49	3.50	14.99
21	53.151159	-0.651729	12.56	3.50	16.06
22	53.151178	-0.650924	12.32	3.50	15.82
23	53.150863	-0.650624	12.97	3.50	16.47
24	53.149042	-0.650581	13.39	3.50	16.89
25	53.149113	-0.652083	14.82	3.50	18.32
26	53.147459	-0.652115	10.92	3.50	14.42
27	53.147762	-0.654604	14.65	3.50	18.15
28	53.146730	-0.654770	11.29	3.50	14.79
29	53.146710	-0.654450	10.79	3.50	14.29
30	53.146660	-0.653930	9.99	3.50	13.49
31	53.146560	-0.653210	9.32	3.50	12.82
32	53.146500	-0.652650	9.65	3.50	13.15
33	53.146620	-0.652540	9.69	3.50	13.19
34	53.146670	-0.652330	9.64	3.50	13.14
35	53.146500	-0.650990	8.94	3.50	12.44
36	53.146830	-0.651060	9.07	3.50	12.57
37	53.147220	-0.650840	9.43	3.50	12.93
38	53.147530	-0.650195	9.95	3.50	13.45
39	53.148058	-0.647824	10.34	3.50	13.84
40	53.149293	-0.647502	11.75	3.50	15.25
41	53.149364	-0.647008	11.40	3.50	14.90
42	53.149004	-0.645163	9.84	3.50	13.34
43	53.149068	-0.644702	10.07	3.50	13.57
44	53.149589	-0.644659	10.09	3.50	13.59
45	53.150246	-0.645152	10.47	3.50	13.97
46	53.150709	-0.646118	10.77	3.50	14.27
47	53.150861	-0.646854	11.55	3.50	15.05
48	53.152186	-0.646683	10.55	3.50	14.05
49	53.152302	-0.648378	10.85	3.50	14.35
50	53.152559	-0.648356	11.03	3.50	14.53
51	53.152650	-0.647820	11.33	3.50	14.83
52	53.152843	-0.647562	10.51	3.50	14.01
53	53.152984	-0.648185	10.54	3.50	14.04
54	53.153396	-0.648850	10.72	3.50	14.22
55	53.153821	-0.649000	11.70	3.50	15.20
56	53.153821	-0.647176	11.57	3.50	15.07
57	53.157030	-0.647114	18.62	3.50	22.12
58	53.157911	-0.650923	21.21	3.50	24.71
59	53.159526	-0.650773	24.30	3.50	27.80
60	53.159841	-0.651545	25.93	3.50	29.43
61	53.160478	-0.652318	28.32	3.50	31.82
62	53.160542	-0.654142	27.00	3.50	30.50
63	53.161668	-0.654152	28.25	3.50	31.75
64	53.162003	-0.653691	27.32	3.50	30.82

65	53.161359	-0.652489	27.84	3.50	31.34
66	53.161314	-0.650848	28.23	3.50	31.73

Name: PV array 8
Footprint area: 15,661 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.149067	-0.644094	9.24	3.50	12.74
2	53.149505	-0.644029	9.82	3.50	13.32
3	53.149878	-0.644094	9.57	3.50	13.07
4	53.150888	-0.643353	9.27	3.50	12.77
5	53.150521	-0.642002	8.25	3.50	11.75
6	53.149871	-0.642806	8.50	3.50	12.00
7	53.149472	-0.642796	8.80	3.50	12.30
8	53.149215	-0.643192	8.74	3.50	12.24
9	53.149022	-0.644072	9.17	3.50	12.67

Name: PV array 9
Footprint area: 49,327 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.144980	-0.656700	12.95	3.50	16.45
2	53.143230	-0.656440	10.07	3.50	13.57
3	53.143170	-0.652900	8.94	3.50	12.44
4	53.143890	-0.652530	9.13	3.50	12.63
5	53.144200	-0.652530	9.20	3.50	12.70
6	53.144680	-0.653130	9.45	3.50	12.95
7	53.144910	-0.653050	9.39	3.50	12.89

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
OP 1	53.174691	-0.681164	19.47	2.50	21.97
OP 2	53.173263	-0.681067	20.53	2.50	23.03
OP 3	53.171263	-0.681807	17.30	2.50	19.80
OP 4	53.169572	-0.680593	15.20	2.50	17.70
OP 5	53.167950	-0.679636	16.67	2.50	19.17
OP 6	53.166156	-0.679041	18.00	2.50	20.50
OP 7	53.180590	-0.666757	17.96	2.50	20.46
OP 8	53.178879	-0.666059	19.12	2.50	21.62
OP 9	53.178114	-0.664160	19.78	2.50	22.28
OP 10	53.178468	-0.661360	17.80	2.50	20.30
OP 11	53.178995	-0.658581	15.45	2.50	17.95
OP 12	53.179387	-0.652895	16.42	2.50	18.92
OP 13	53.179220	-0.649880	24.75	2.50	27.25
OP 14	53.177426	-0.662250	20.91	2.50	23.41
OP 15	53.175857	-0.661145	20.11	2.50	22.61
OP 16	53.174121	-0.660963	17.93	2.50	20.43
OP 17	53.178841	-0.646125	26.74	2.50	29.24
OP 18	53.177368	-0.647262	21.28	2.50	23.78
OP 19	53.176172	-0.649301	15.57	2.50	18.07
OP 20	53.176500	-0.645621	19.88	2.50	22.38
OP 21	53.175773	-0.643314	17.20	2.50	19.70
OP 22	53.161103	-0.683225	17.01	2.50	19.51
OP 23	53.161952	-0.680704	16.00	2.50	18.50
OP 24	53.162846	-1.000000	59.95	2.50	62.45
OP 25	53.162222	-0.675672	17.91	2.50	20.41
OP 26	53.162718	-0.672904	18.82	2.50	21.32
OP 27	53.163792	-0.670791	24.02	2.50	26.52
OP 28	53.165091	-0.670179	29.61	2.50	32.11
OP 29	53.166255	-0.671198	31.95	2.50	34.45
OP 30	53.167870	-0.670801	30.91	2.50	33.41
OP 31	53.169214	-0.669224	31.87	2.50	34.37
OP 32	53.169632	-0.666585	27.20	2.50	29.70
OP 33	53.169600	-0.664364	20.35	2.50	22.85
OP 34	53.168577	-0.662615	17.82	2.50	20.32
OP 35	53.166873	-0.661489	19.46	2.50	21.96
OP 36	53.166255	-0.659364	21.24	2.50	23.74
OP 37	53.165149	-0.658013	24.27	2.50	26.77
OP 38	53.163367	-0.657626	26.64	2.50	29.14
OP 39	53.157407	-0.657637	23.83	2.50	26.33
OP 40	53.155914	-0.656768	16.99	2.50	19.49
OP 41	53.151147	-0.664246	15.67	2.50	18.17
OP 42	53.151037	-0.661747	15.77	2.50	18.27
OP 43	53.151922	-0.662455	18.27	2.50	20.77
OP 44	53.152054	-0.659671	18.29	2.50	20.79
OP 45	53.153431	-0.639377	9.33	2.50	11.83
OP 46	53.152762	-0.636630	7.88	2.50	10.38
OP 47	53.153379	-0.634077	6.94	2.50	9.44
OP 48	53.150330	-0.632704	11.92	2.50	14.42
OP 49	53.151565	-0.635150	8.37	2.50	10.87
OP 50	53.152839	-0.635450	7.78	2.50	10.28
OP 51	53.153309	-0.632521	7.82	2.50	10.32
OP 52	53.153708	-0.629732	7.40	2.50	9.90
OP 53	53.146231	-0.618627	14.15	2.50	16.65
OP 54	53.144551	-0.619196	12.88	2.50	15.38
OP 55	53.144365	-0.621524	11.43	2.50	13.93
OP 56	53.144088	-0.623831	13.41	2.50	15.91
OP 57	53.142692	-0.625258	12.97	2.50	15.47
OP 58	53.141276	-0.626663	12.92	2.50	15.42
OP 59	53.139667	-0.627168	13.80	2.50	16.30
OP 60	53.138341	-0.628552	13.67	2.50	16.17
OP 61	53.141329	-0.628208	12.56	2.50	15.06
OP 62	53.142520	-0.631416	12.90	2.50	15.40
OP 63	53.136393	-0.638808	13.77	2.50	16.27

OP 64	53.135382	-0.640213	11.97	2.50	14.47
OP 65	53.128842	-0.656875	14.25	2.50	16.75
OP 66	53.129608	-0.659836	15.32	2.50	17.82
OP 67	53.130426	-0.661617	14.56	2.50	17.06
OP 68	53.130831	-0.664203	13.38	2.50	15.88
OP 69	53.131198	-0.667196	14.41	2.50	16.91
OP 70	53.128366	-0.649515	10.80	2.50	13.30
OP 71	53.127947	-0.646554	10.36	2.50	12.86
OP 72	53.127481	-0.643941	13.05	2.50	15.55
OP 73	53.128986	-0.633620	14.00	2.50	16.50
OP 74	53.128745	-0.630760	14.22	2.50	16.72
OP 75	53.128935	-0.628185	13.76	2.50	16.26
OP 76	53.126907	-0.612216	11.49	2.50	13.99
OP 77	53.125265	-0.613042	11.55	2.50	14.05
OP 78	53.120527	-0.650704	15.76	2.50	18.26
OP 79	53.119355	-0.648741	16.48	2.50	18.98

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
PV array 1	SA tracking	SA tracking	201,770	30,775	-	-
PV array 10	SA tracking	SA tracking	14,167	3,274	-	-
PV array 11	SA tracking	SA tracking	68,978	42,020	-	-
PV array 12	SA tracking	SA tracking	5,939	0	-	-
PV array 13	SA tracking	SA tracking	79,917	40,978	-	-
PV array 14	SA tracking	SA tracking	57,877	134	-	-
PV array 15	SA tracking	SA tracking	3,656	13	-	-
PV array 2	SA tracking	SA tracking	288,333	48,732	-	-
PV array 3	SA tracking	SA tracking	11,014	3,910	-	-
PV array 4	SA tracking	SA tracking	24,546	8,443	-	-
PV array 5	SA tracking	SA tracking	7,897	0	-	-
PV array 6	SA tracking	SA tracking	25,497	3,409	-	-
PV array 7	SA tracking	SA tracking	13,016	198	-	-
PV array 8	SA tracking	SA tracking	1,659	0	-	-
PV array 9	SA tracking	SA tracking	1,895	0	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
pv-array-1 (green)	13607	15455	17318	16114	12200	13685	12475	16269	15350	15884	13023	11814
pv-array-1 (yellow)	511	587	510	593	898	874	1084	640	567	460	354	141
pv-array-10 (green)	1079	182	222	41	0	0	0	15	188	332	699	2505
pv-array-10 (yellow)	573	375	356	38	0	0	0	9	278	322	528	795
pv-array-11 (green)	7146	6555	2046	1820	1958	1340	1303	1318	1610	6924	7511	5708
pv-array-11 (yellow)	2644	713	601	1027	1332	891	939	826	862	971	1878	4344
pv-array-12 (green)	91	1	0	0	0	0	0	0	68	72	76	187
pv-array-12 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-13 (green)	9135	9384	3650	1151	2324	1755	2110	1702	2821	7901	8525	8079
pv-array-13 (yellow)	2312	1581	1301	698	1145	1057	1594	1066	1034	1314	1517	3643
pv-array-14 (green)	2577	511	343	6	0	0	0	0	64	381	1338	4329
pv-array-14 (yellow)	0	0	0	0	0	0	0	0	0	0	0	49
pv-array-15 (green)	235	62	0	16	0	0	0	2	38	104	291	420
pv-array-15 (yellow)	1	0	0	0	0	0	0	0	0	0	3	7
pv-array-2 (green)	10279	13376	13811	13029	9512	11175	11967	13428	14379	15139	11724	7580
pv-array-2 (yellow)	2836	835	734	1000	1045	854	949	545	888	1001	1900	4987
pv-array-3 (green)	275	274	336	360	390	297	383	235	168	276	191	63
pv-array-3 (yellow)	0	91	137	140	21	119	211	84	60	113	0	6
pv-array-4 (green)	1716	390	167	13	0	0	0	0	35	349	910	3072
pv-array-4 (yellow)	434	23	0	0	0	0	0	0	0	3	332	1210
pv-array-5 (green)	0	0	0	262	387	13	162	424	7	0	0	0
pv-array-5 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-6 (green)	1925	64	255	0	0	0	0	0	135	153	1454	2466
pv-array-6 (yellow)	505	0	0	0	0	0	0	0	0	0	97	962
pv-array-7 (green)	0	0	215	365	463	887	796	376	262	11	0	0
pv-array-7 (yellow)	0	0	0	2	13	64	34	0	0	0	0	0
pv-array-8 (green)	0	0	0	0	101	116	90	54	97	47	97	0
pv-array-8 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-9 (green)	0	0	0	0	118	100	167	0	121	24	88	0
pv-array-9 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

PV array 1 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	325	175
OP: OP 3	1367	7802
OP: OP 4	202	23
OP: OP 5	1554	3004
OP: OP 6	1700	928
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0

OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	921	0
OP: OP 23	895	0
OP: OP 24	0	0
OP: OP 25	818	0
OP: OP 26	154	0
OP: OP 27	1068	410
OP: OP 28	761	1153
OP: OP 29	9341	5656
OP: OP 30	172699	10423
OP: OP 31	5429	1201
OP: OP 32	47	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	205	0
OP: OP 36	190	0
OP: OP 37	207	0
OP: OP 38	214	0
OP: OP 39	188	0
OP: OP 40	196	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	193	0
OP: OP 46	193	0
OP: OP 47	191	0
OP: OP 48	195	0
OP: OP 49	193	0
OP: OP 50	192	0
OP: OP 51	191	0
OP: OP 52	174	0
OP: OP 53	194	0
OP: OP 54	195	0
OP: OP 55	195	0
OP: OP 56	196	0
OP: OP 57	197	0
OP: OP 58	188	0
OP: OP 59	150	0
OP: OP 60	94	0
OP: OP 61	180	0
OP: OP 62	178	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0

OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

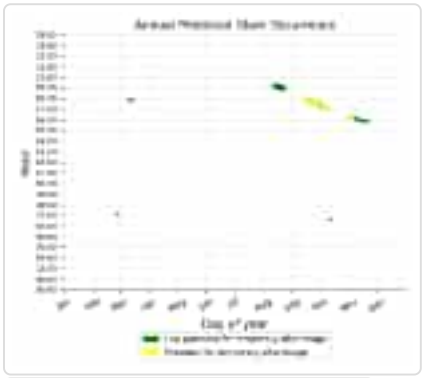
PV array 1: OP 1

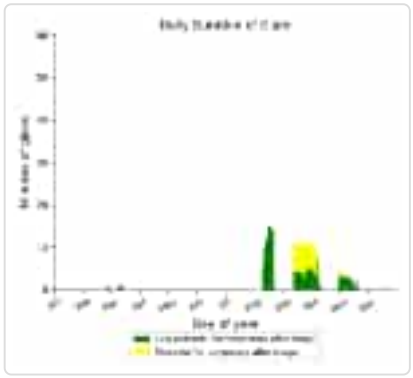
No glare found

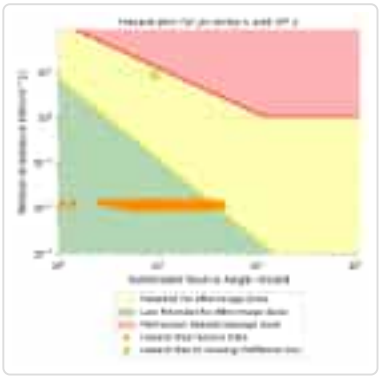
PV array 1: OP 2

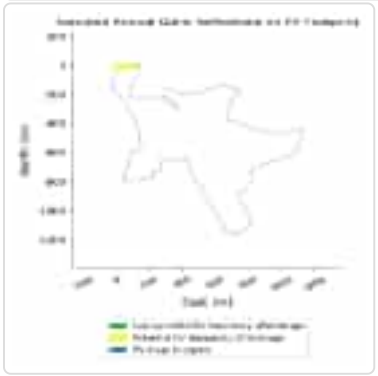
PV array is expected to produce the following glare for this receptor:

- 325 minutes of "green" glare with low potential to cause temporary after-image.
- 175 minutes of "yellow" glare with potential to cause temporary after-image.





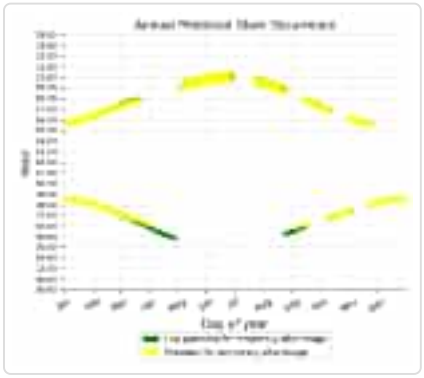


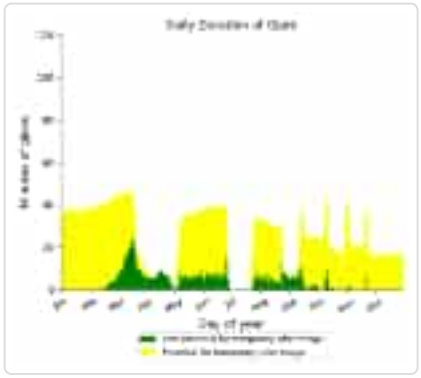


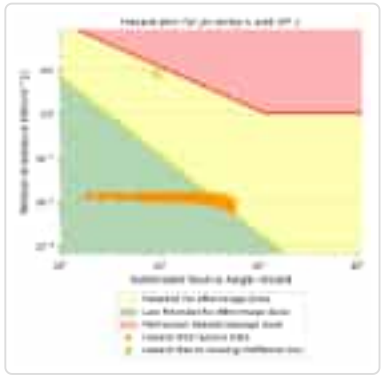
PV array 1: OP 3

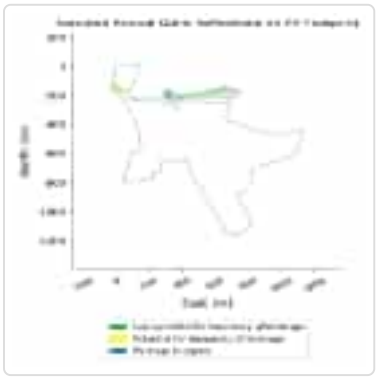
PV array is expected to produce the following glare for this receptor:

- 1,367 minutes of "green" glare with low potential to cause temporary after-image.
- 7,802 minutes of "yellow" glare with potential to cause temporary after-image.





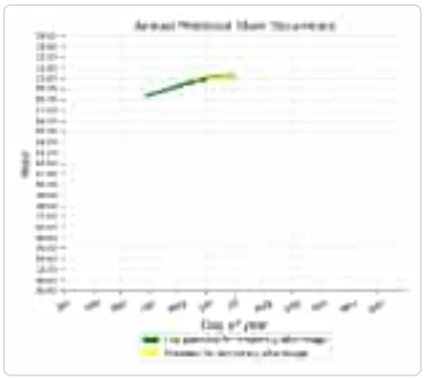


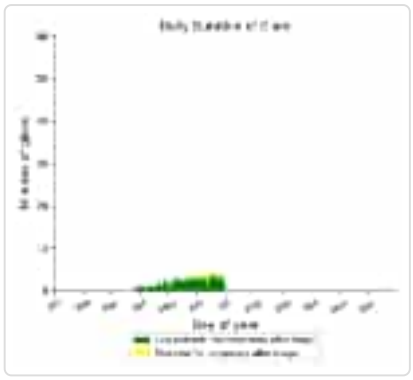


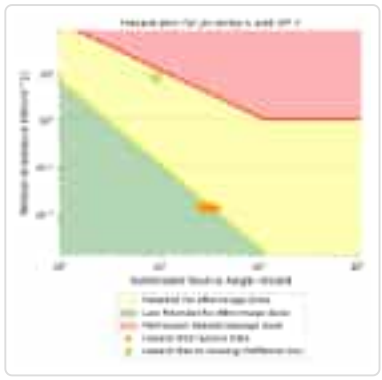
PV array 1: OP 4

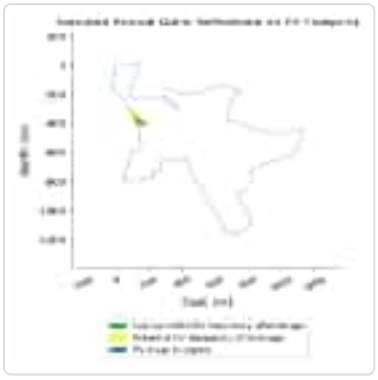
PV array is expected to produce the following glare for this receptor:

- 202 minutes of "green" glare with low potential to cause temporary after-image.
- 23 minutes of "yellow" glare with potential to cause temporary after-image.





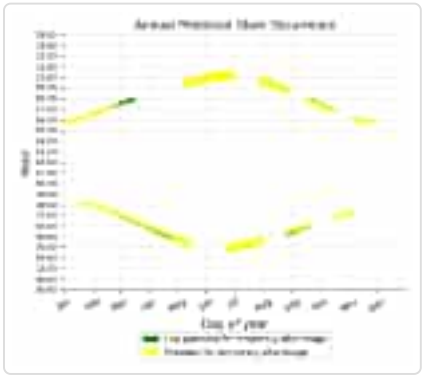


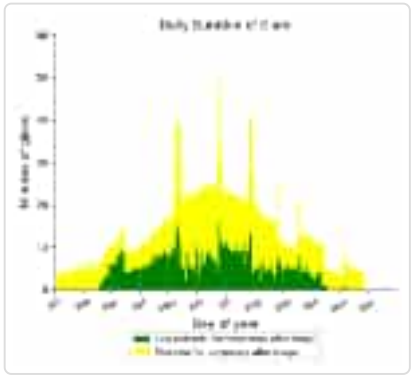


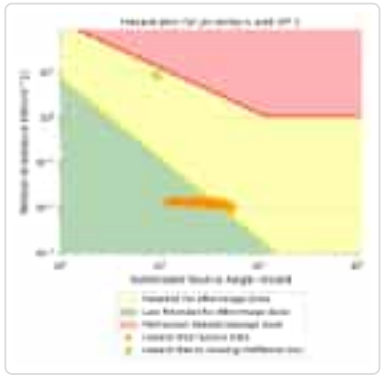
PV array 1: OP 5

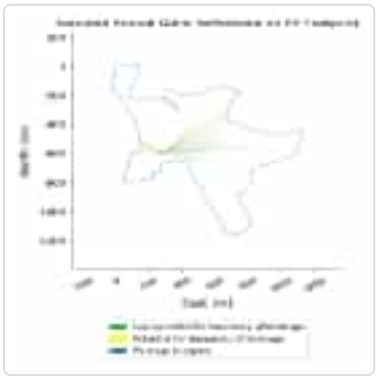
PV array is expected to produce the following glare for this receptor:

- 1,554 minutes of "green" glare with low potential to cause temporary after-image.
- 3,004 minutes of "yellow" glare with potential to cause temporary after-image.





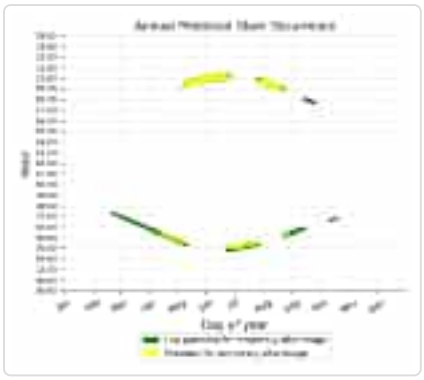


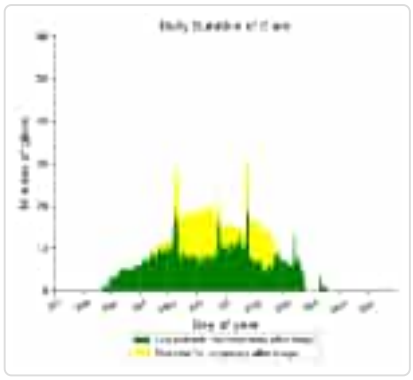


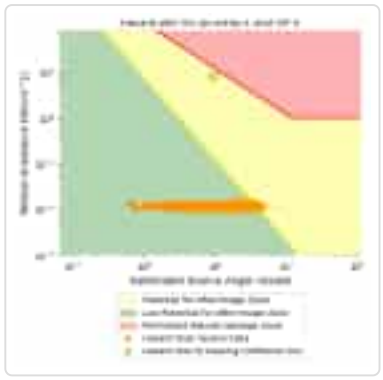
PV array 1: OP 6

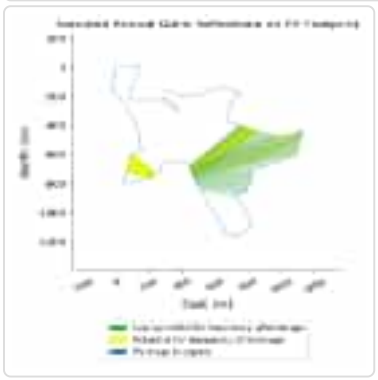
PV array is expected to produce the following glare for this receptor:

- 1,700 minutes of "green" glare with low potential to cause temporary after-image.
- 928 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 7

No glare found

PV array 1: OP 8

No glare found

PV array 1: OP 9

No glare found

PV array 1: OP 10

No glare found

PV array 1: OP 11

No glare found

PV array 1: OP 12

No glare found

PV array 1: OP 13

No glare found

PV array 1: OP 14

No glare found

PV array 1: OP 15

No glare found

PV array 1: OP 16

No glare found

PV array 1: OP 17

No glare found

PV array 1: OP 18

No glare found

PV array 1: OP 19

No glare found

PV array 1: OP 20

No glare found

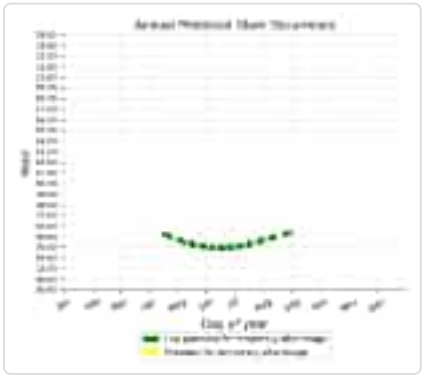
PV array 1: OP 21

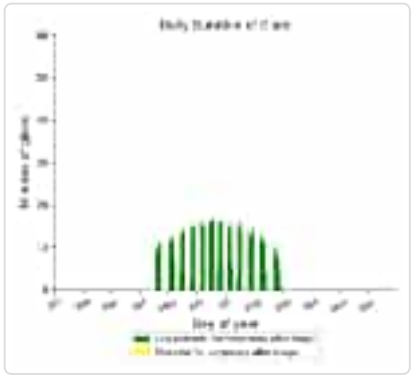
No glare found

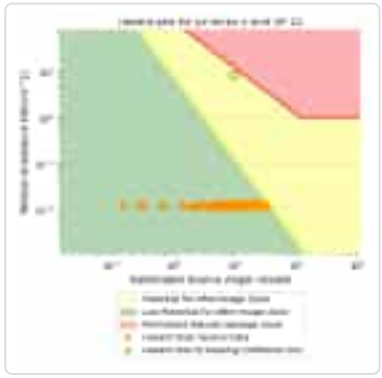
PV array 1: OP 22

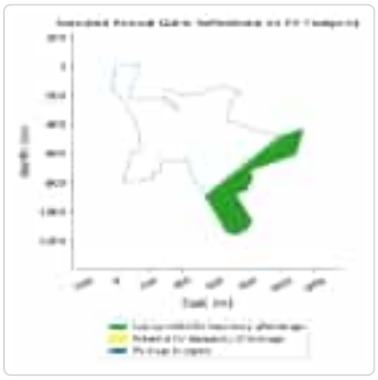
PV array is expected to produce the following glare for this receptor:

- 921 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





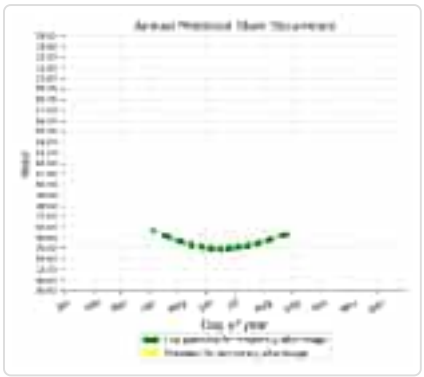


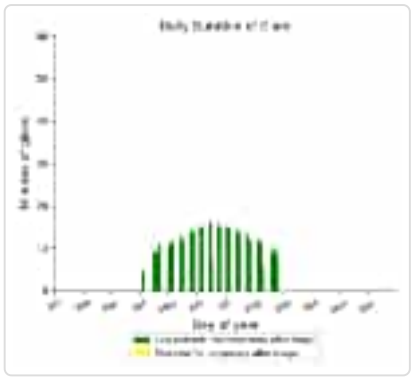


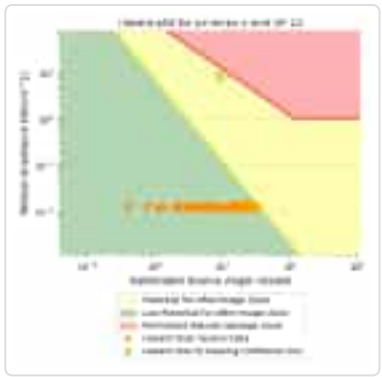
PV array 1: OP 23

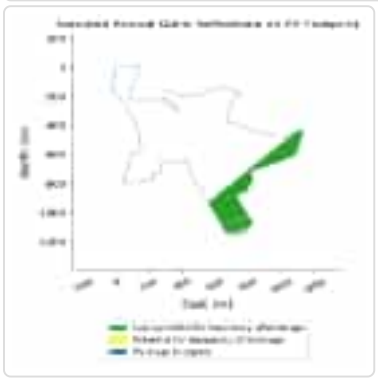
PV array is expected to produce the following glare for this receptor:

- 895 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









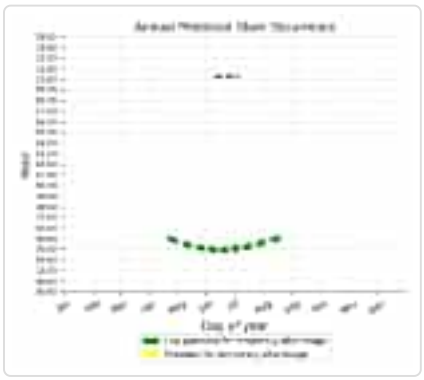
PV array 1: OP 24

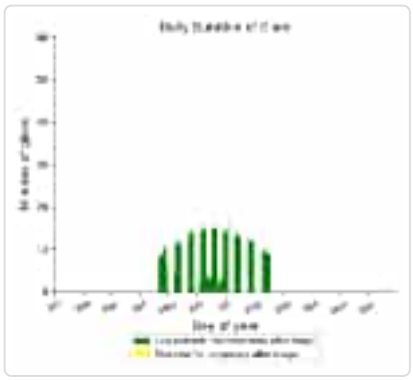
No glare found

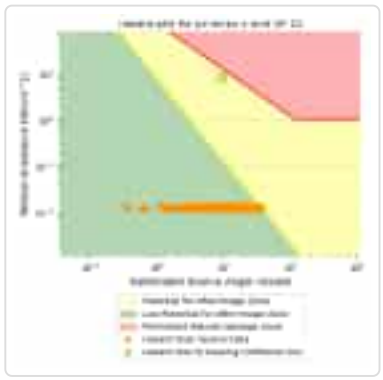
PV array 1: OP 25

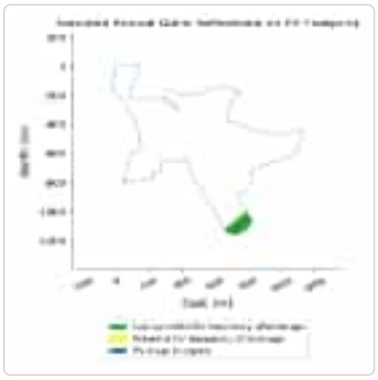
PV array is expected to produce the following glare for this receptor:

- 818 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





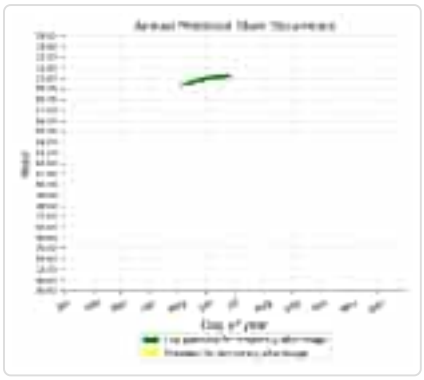


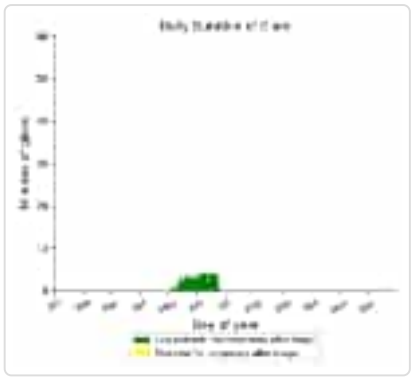


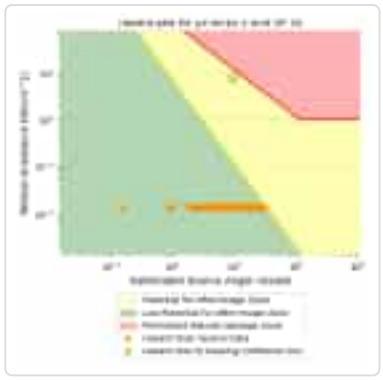
PV array 1: OP 26

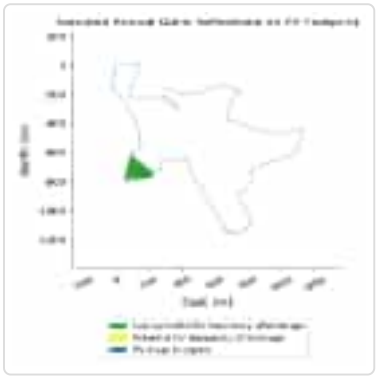
PV array is expected to produce the following glare for this receptor:

- 154 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





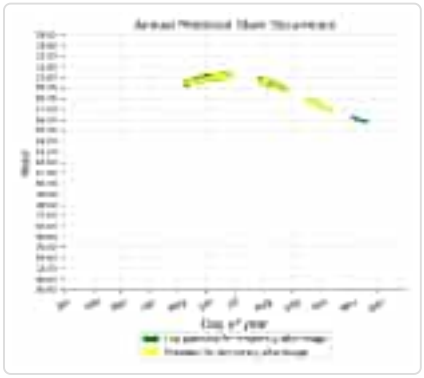


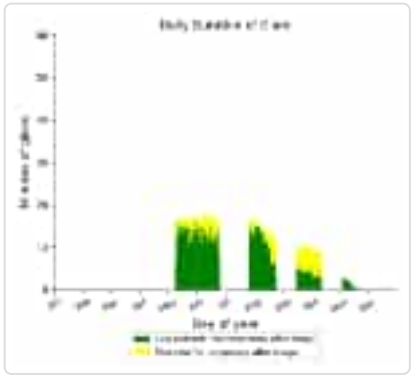


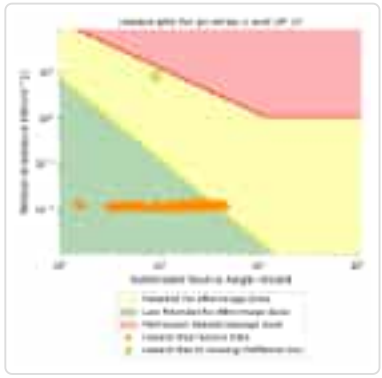
PV array 1: OP 27

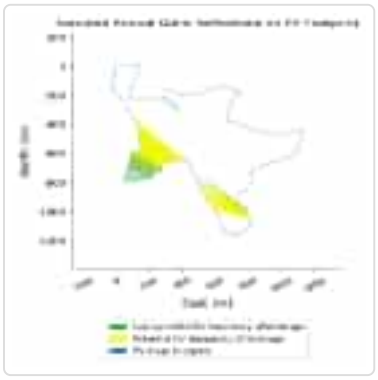
PV array is expected to produce the following glare for this receptor:

- 1,068 minutes of "green" glare with low potential to cause temporary after-image.
- 410 minutes of "yellow" glare with potential to cause temporary after-image.





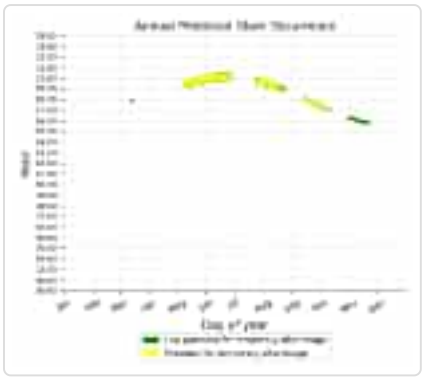


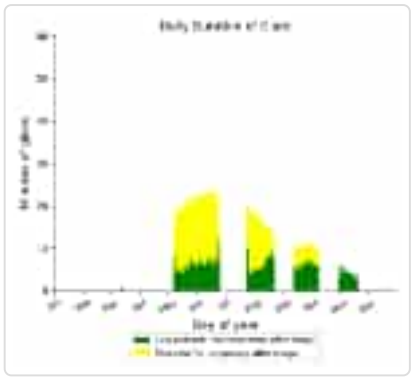


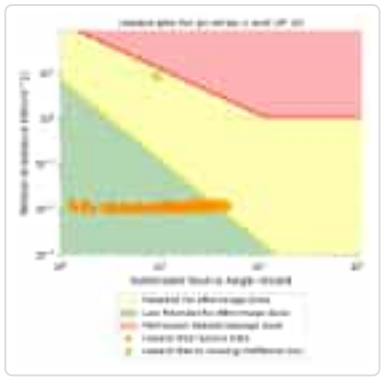
PV array 1: OP 28

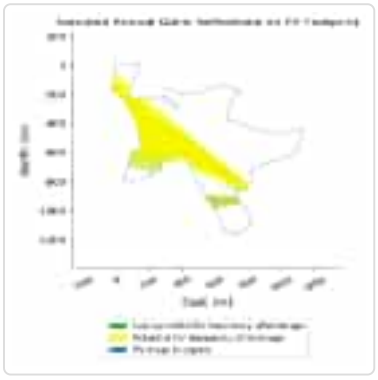
PV array is expected to produce the following glare for this receptor:

- 761 minutes of "green" glare with low potential to cause temporary after-image.
- 1,153 minutes of "yellow" glare with potential to cause temporary after-image.





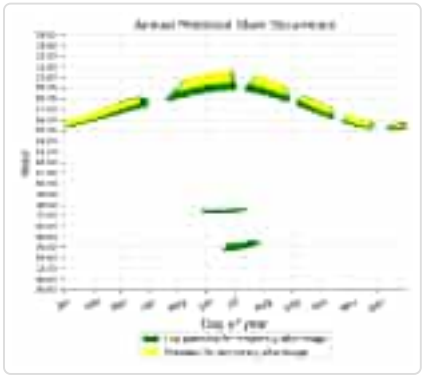


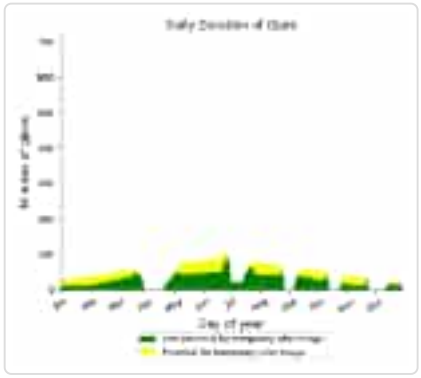


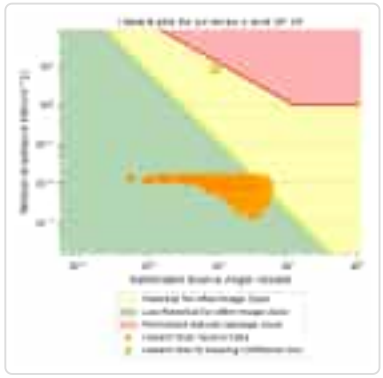
PV array 1: OP 29

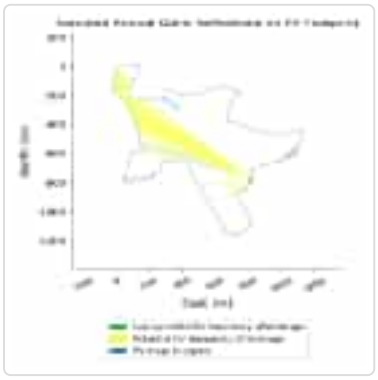
PV array is expected to produce the following glare for this receptor:

- 9,341 minutes of "green" glare with low potential to cause temporary after-image.
- 5,656 minutes of "yellow" glare with potential to cause temporary after-image.





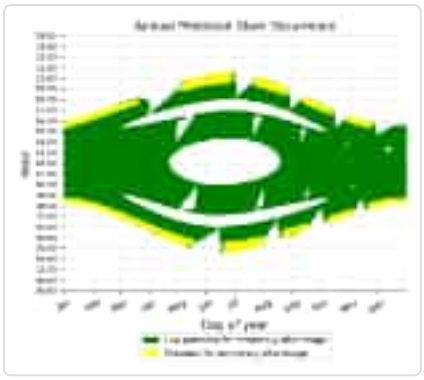


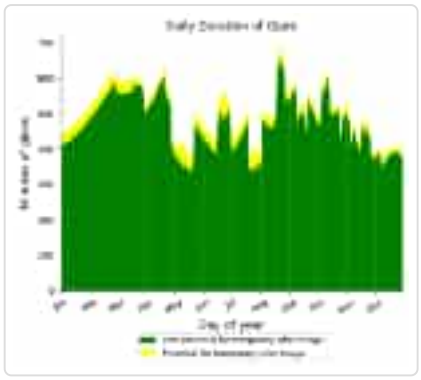


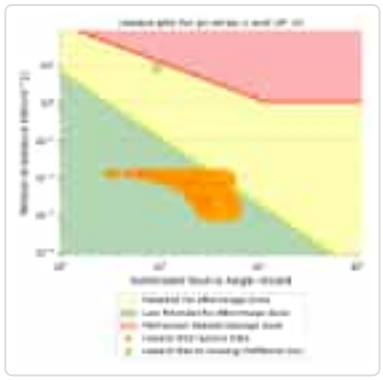
PV array 1: OP 30

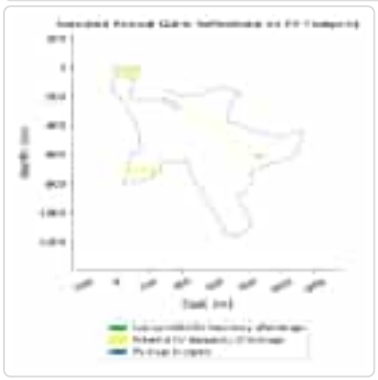
PV array is expected to produce the following glare for this receptor:

- 172,699 minutes of "green" glare with low potential to cause temporary after-image.
- 10,423 minutes of "yellow" glare with potential to cause temporary after-image.





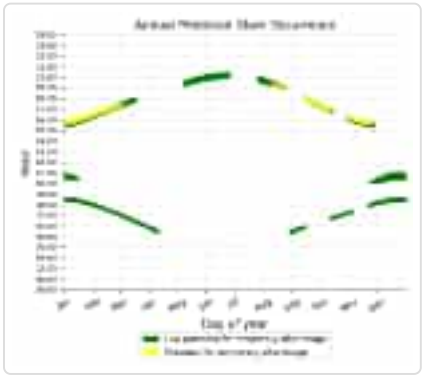


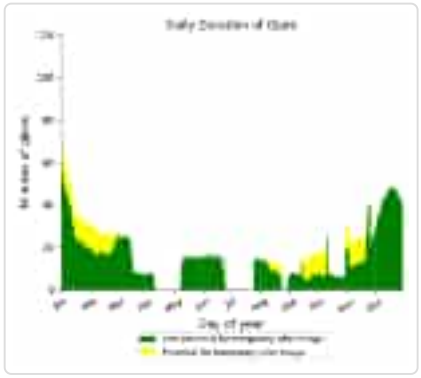


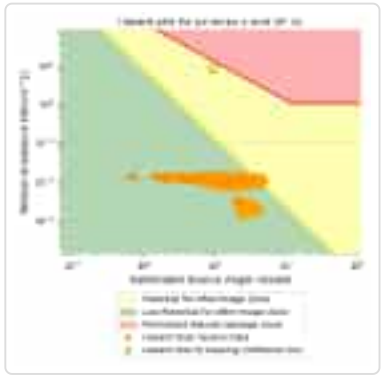
PV array 1: OP 31

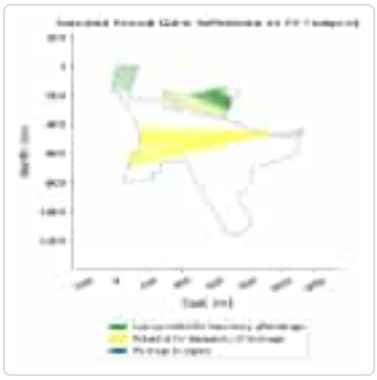
PV array is expected to produce the following glare for this receptor:

- 5,429 minutes of "green" glare with low potential to cause temporary after-image.
- 1,201 minutes of "yellow" glare with potential to cause temporary after-image.





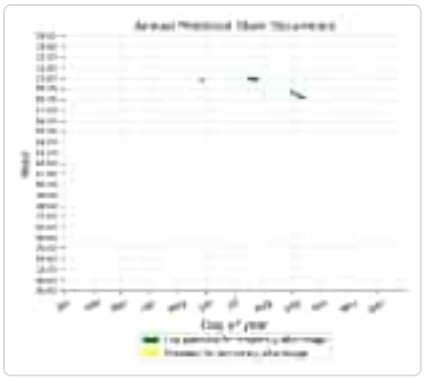


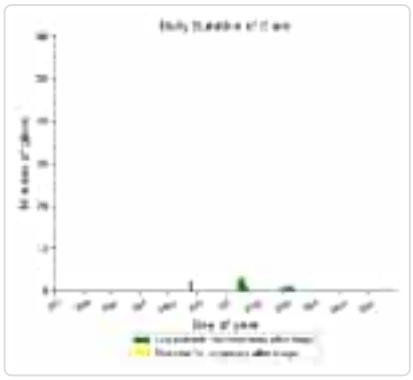


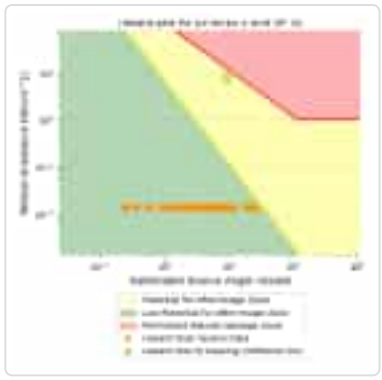
PV array 1: OP 32

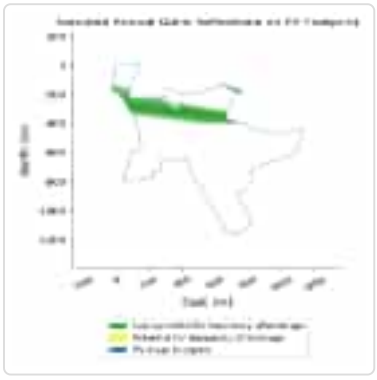
PV array is expected to produce the following glare for this receptor:

- 47 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 33

No glare found

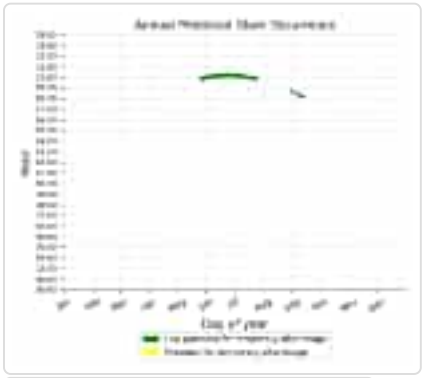
PV array 1: OP 34

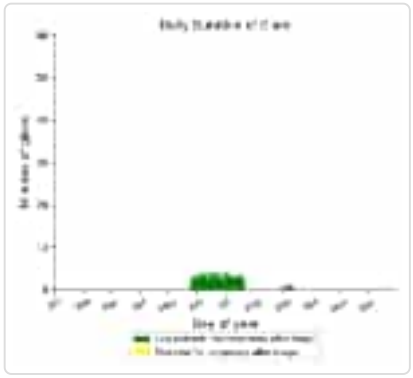
No glare found

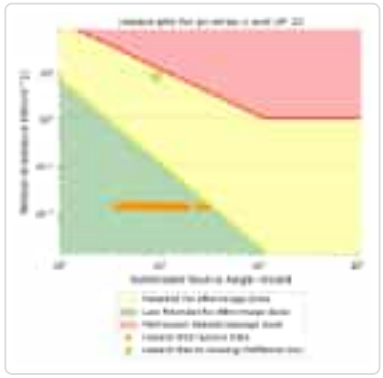
PV array 1: OP 35

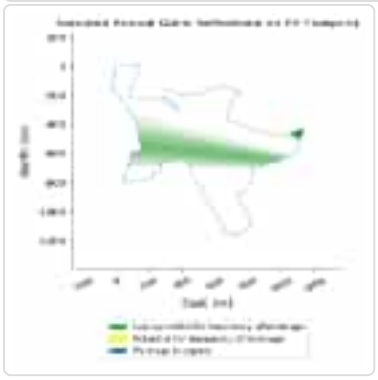
PV array is expected to produce the following glare for this receptor:

- 205 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





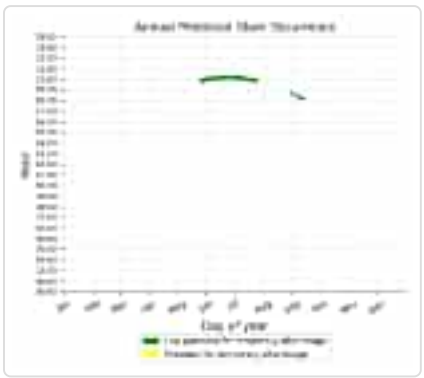


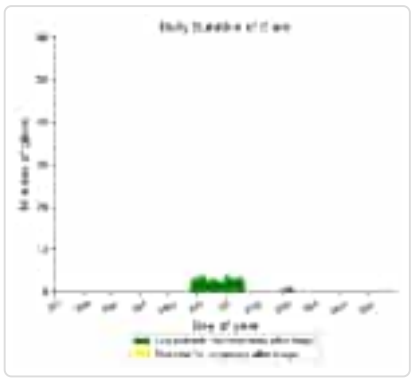


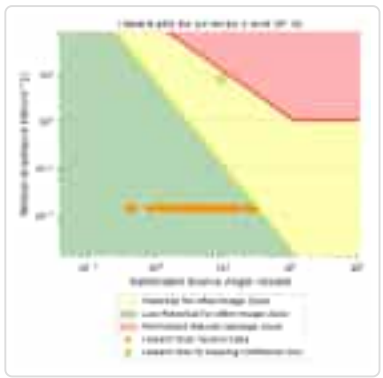
PV array 1: OP 36

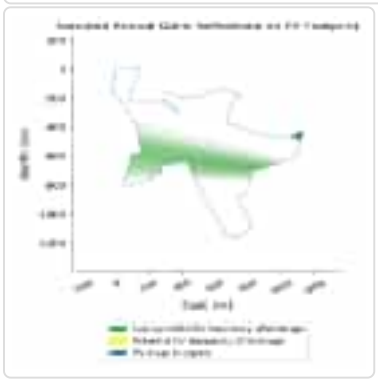
PV array is expected to produce the following glare for this receptor:

- 190 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





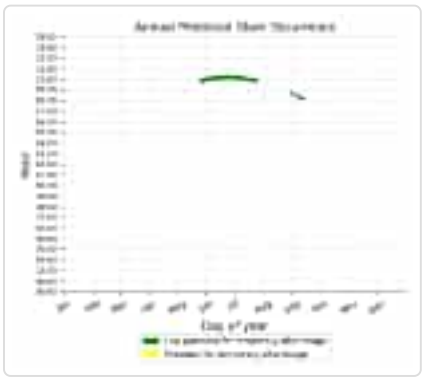


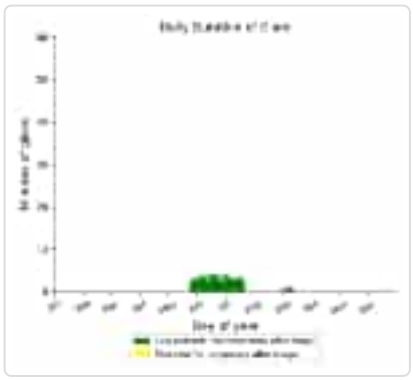


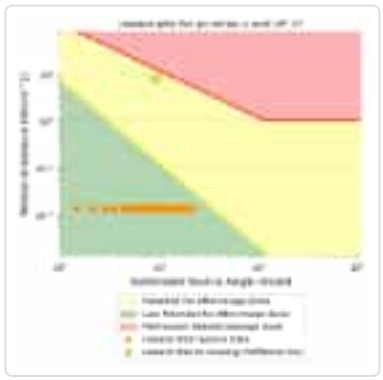
PV array 1: OP 37

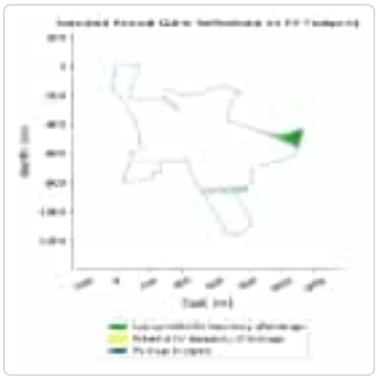
PV array is expected to produce the following glare for this receptor:

- 207 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





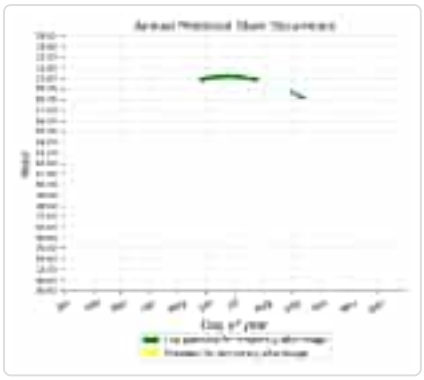


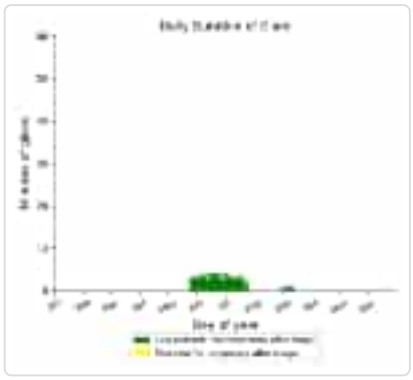


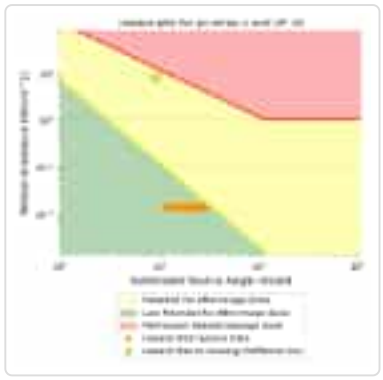
PV array 1: OP 38

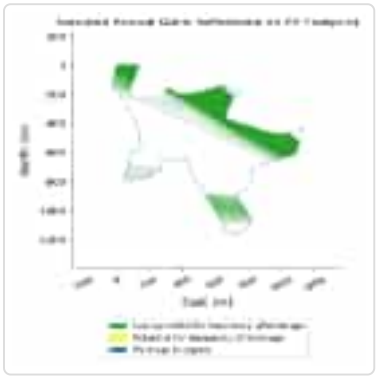
PV array is expected to produce the following glare for this receptor:

- 214 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





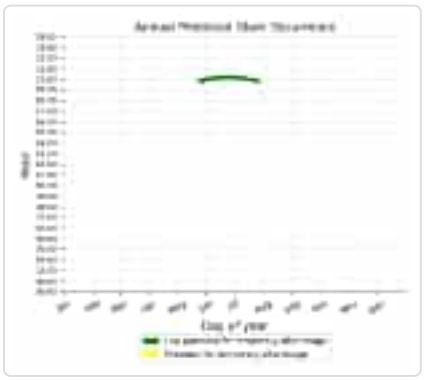


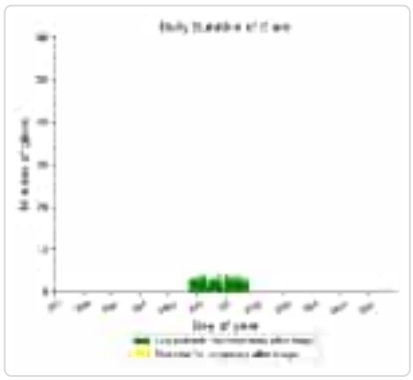


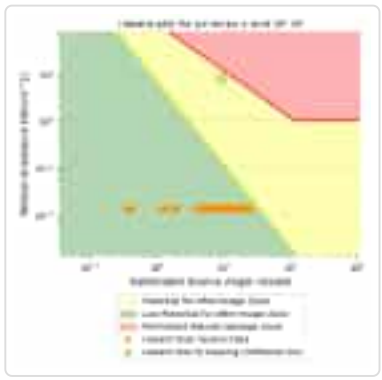
PV array 1: OP 39

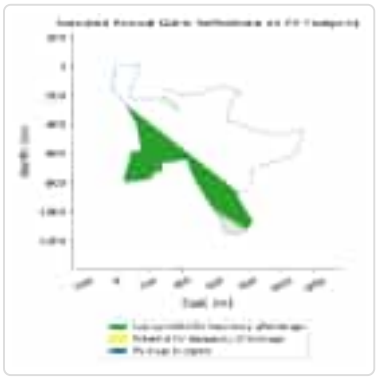
PV array is expected to produce the following glare for this receptor:

- 188 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





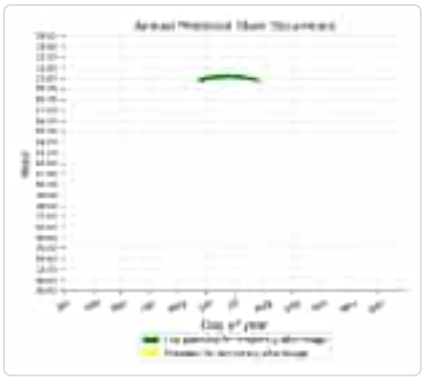


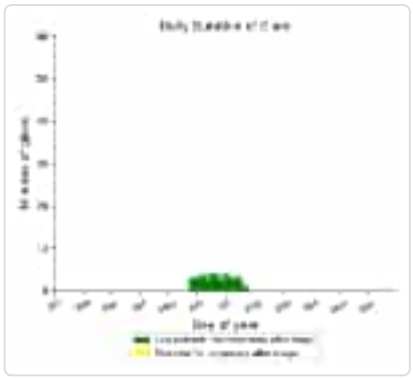


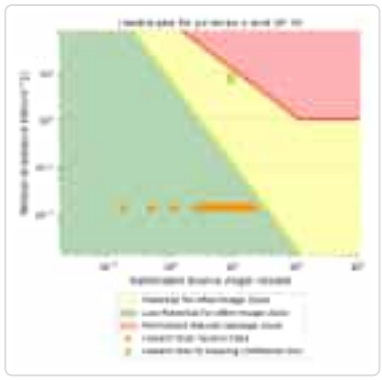
PV array 1: OP 40

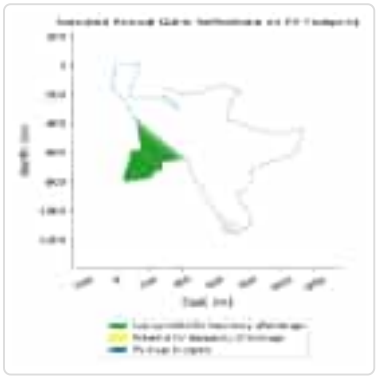
PV array is expected to produce the following glare for this receptor:

- 196 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 41

No glare found

PV array 1: OP 42

No glare found

PV array 1: OP 43

No glare found

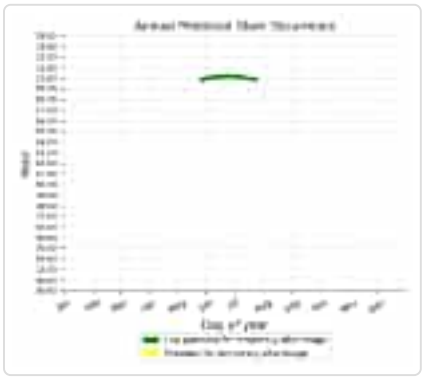
PV array 1: OP 44

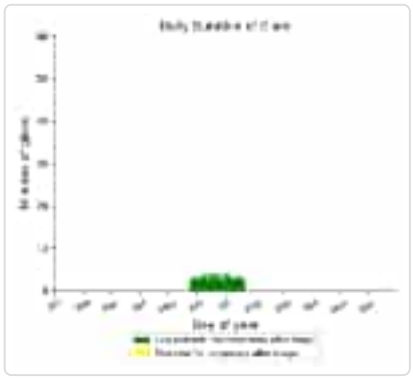
No glare found

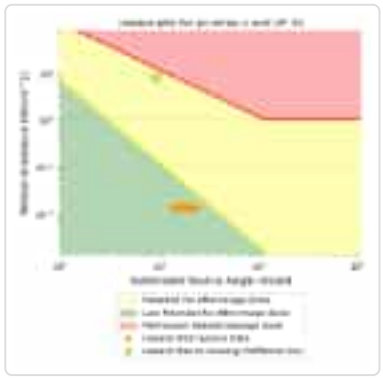
PV array 1: OP 45

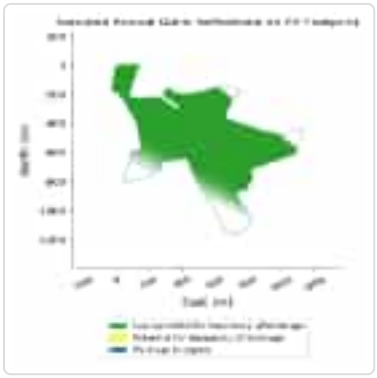
PV array is expected to produce the following glare for this receptor:

- 193 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





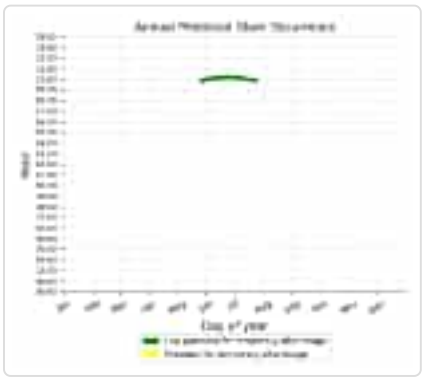


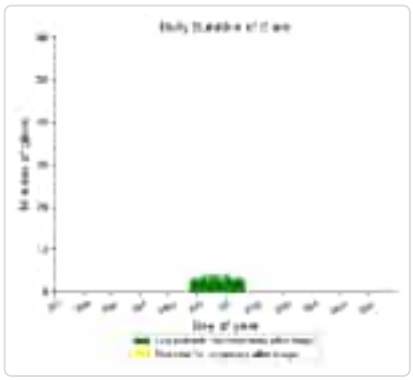


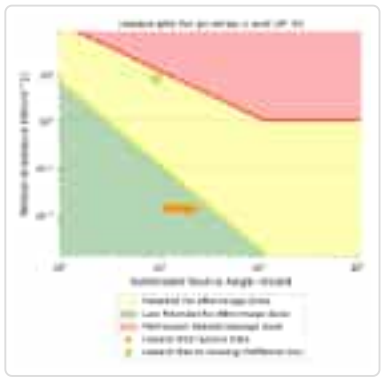
PV array 1: OP 46

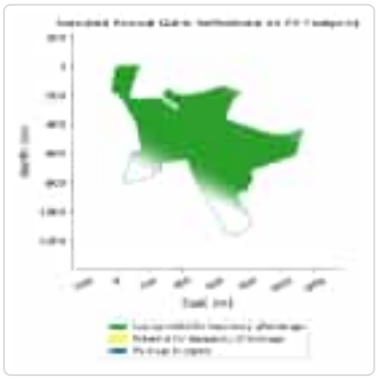
PV array is expected to produce the following glare for this receptor:

- 193 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





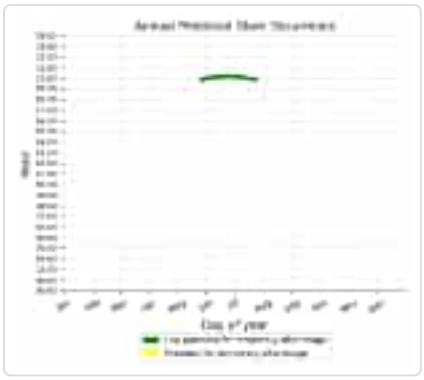


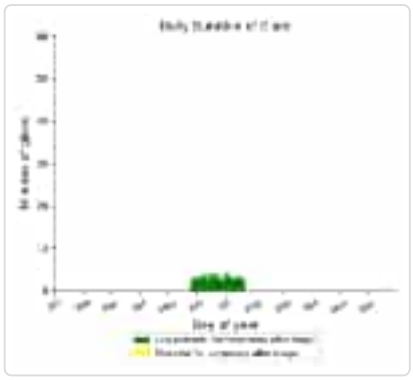


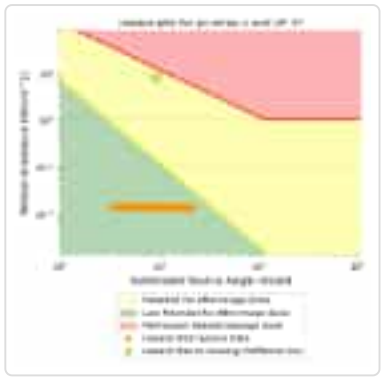
PV array 1: OP 47

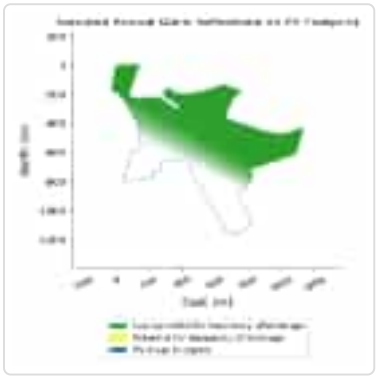
PV array is expected to produce the following glare for this receptor:

- 191 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





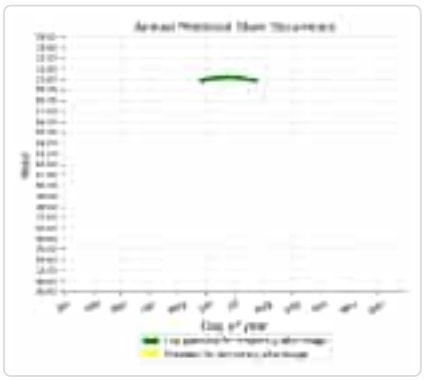


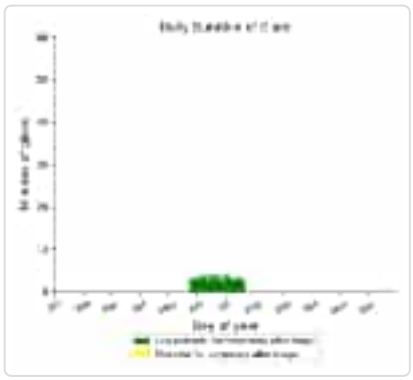


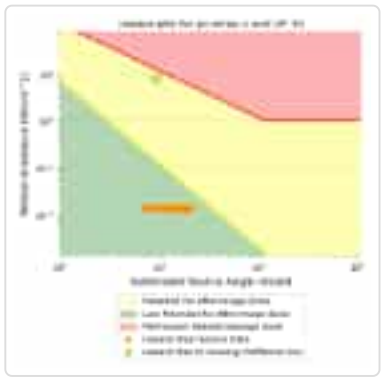
PV array 1: OP 48

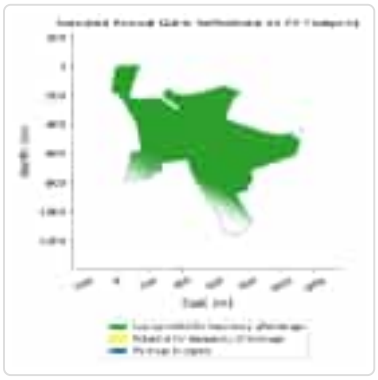
PV array is expected to produce the following glare for this receptor:

- 195 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





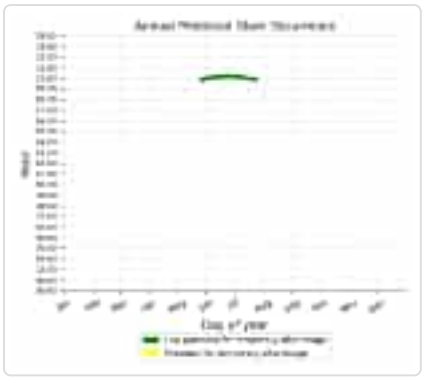


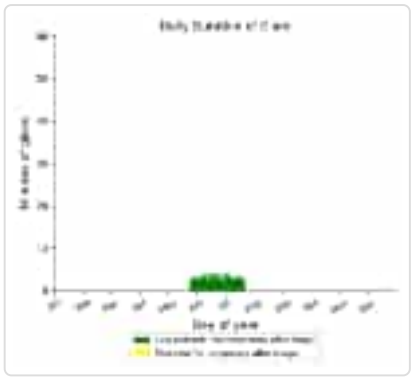


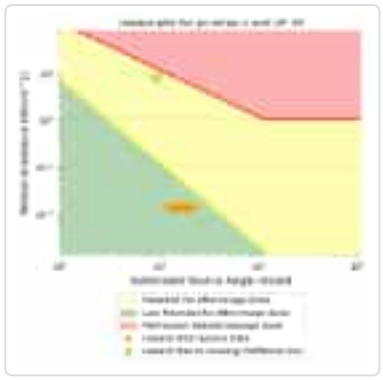
PV array 1: OP 49

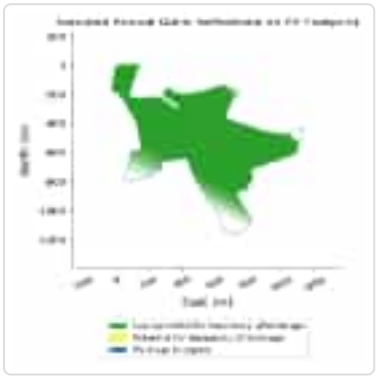
PV array is expected to produce the following glare for this receptor:

- 193 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





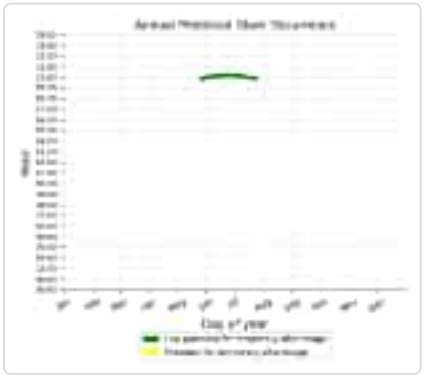


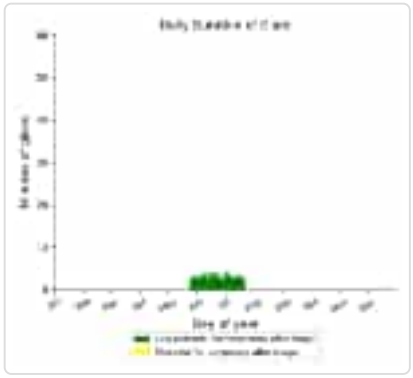


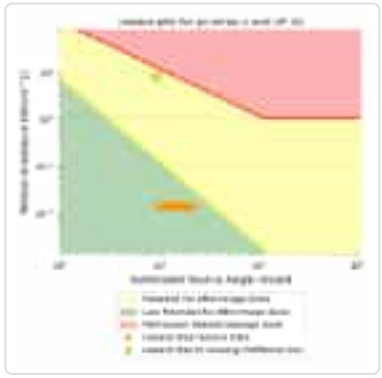
PV array 1: OP 50

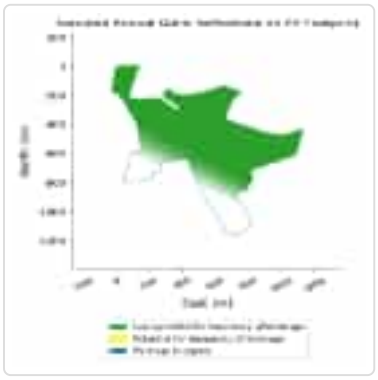
PV array is expected to produce the following glare for this receptor:

- 192 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





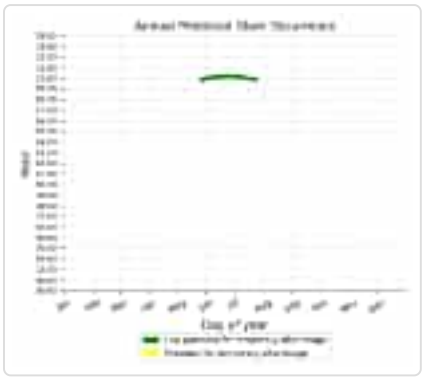


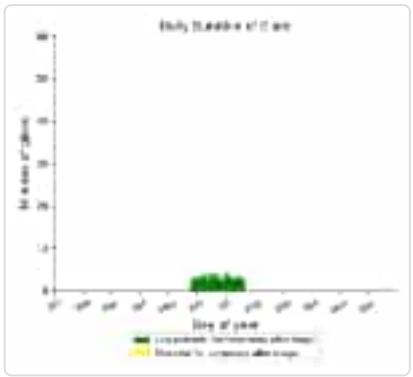


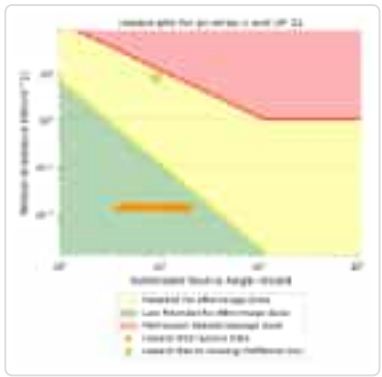
PV array 1: OP 51

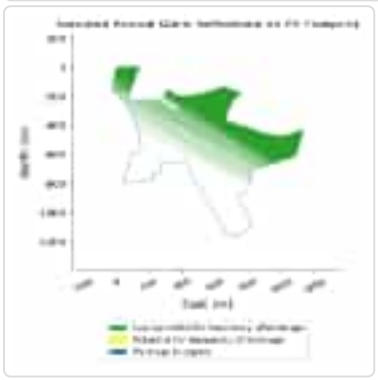
PV array is expected to produce the following glare for this receptor:

- 191 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





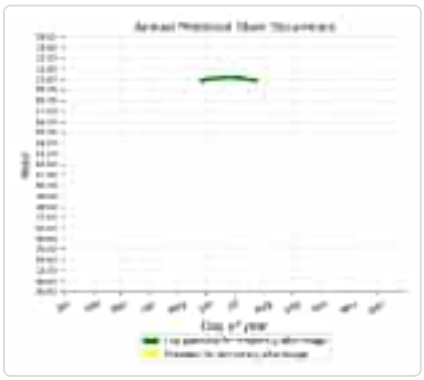


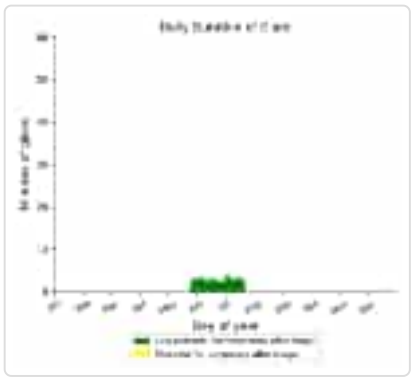


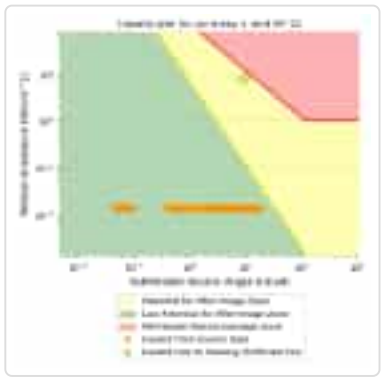
PV array 1: OP 52

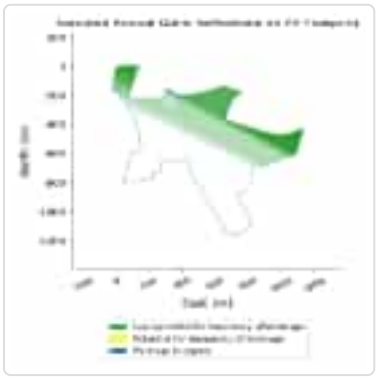
PV array is expected to produce the following glare for this receptor:

- 174 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





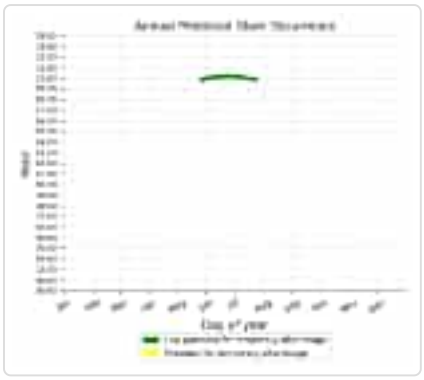


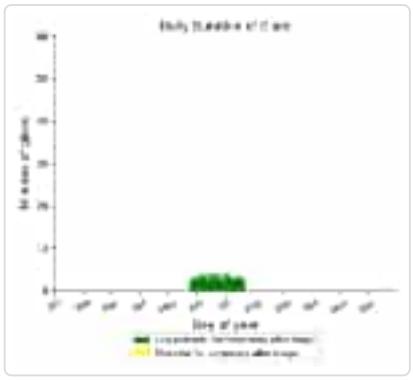


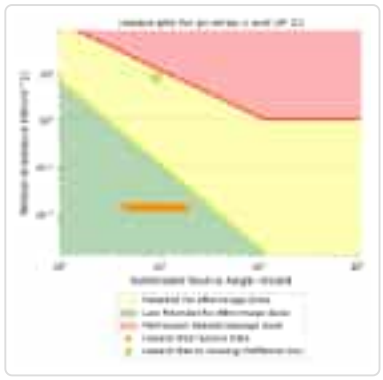
PV array 1: OP 53

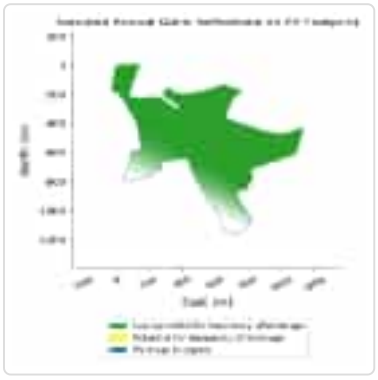
PV array is expected to produce the following glare for this receptor:

- 194 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





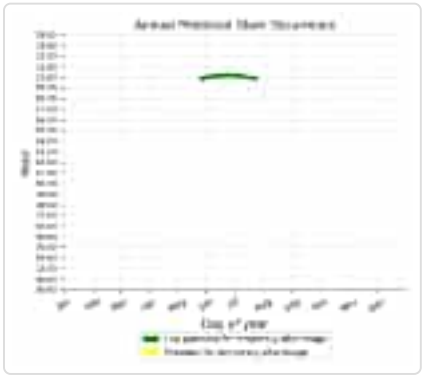


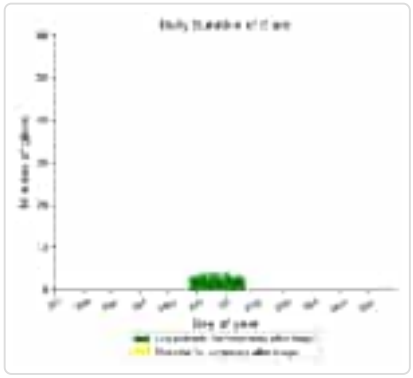


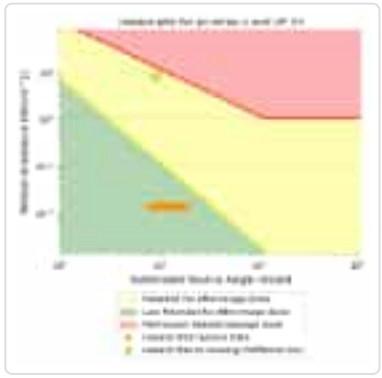
PV array 1: OP 54

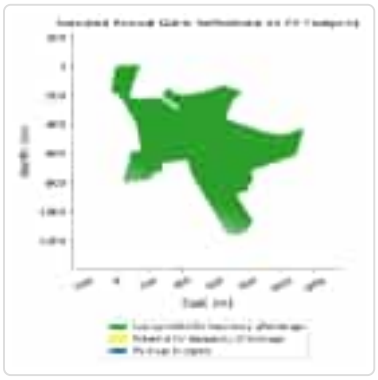
PV array is expected to produce the following glare for this receptor:

- 195 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





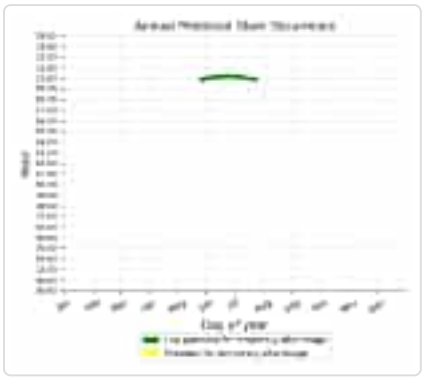


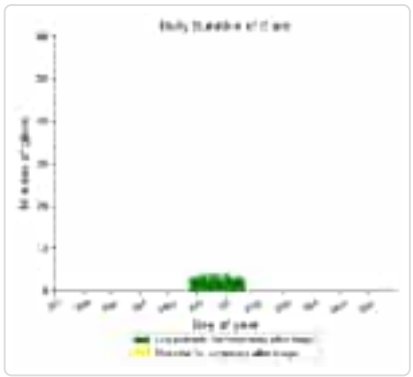


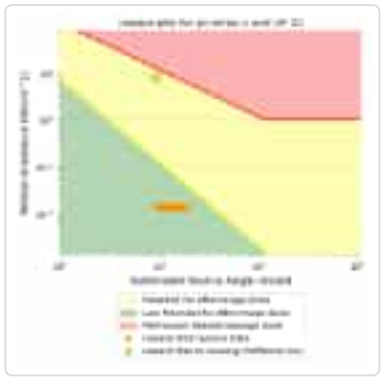
PV array 1: OP 55

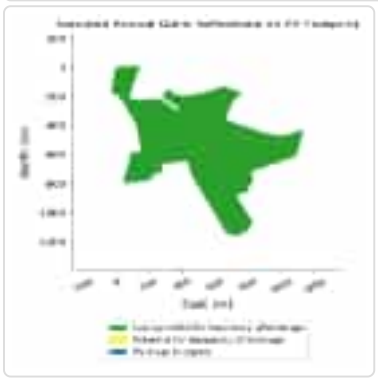
PV array is expected to produce the following glare for this receptor:

- 195 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





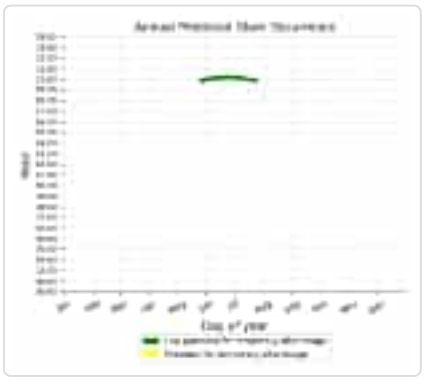


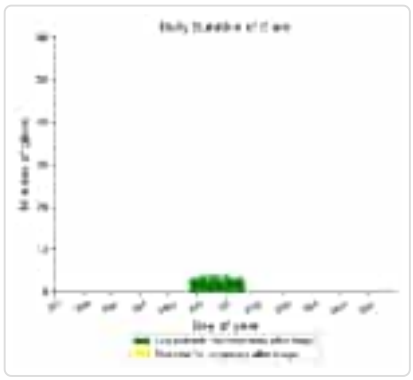


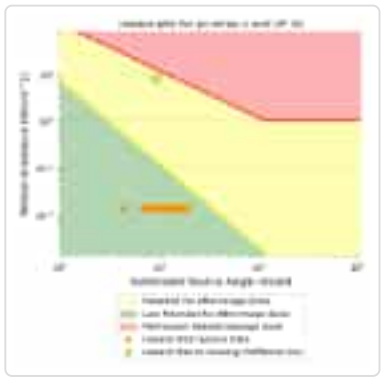
PV array 1: OP 56

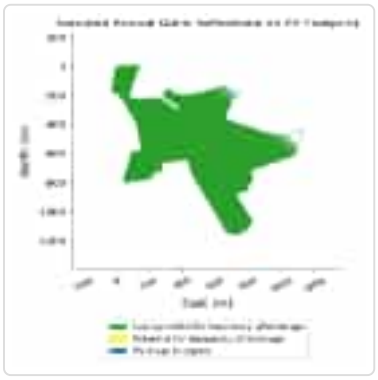
PV array is expected to produce the following glare for this receptor:

- 196 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





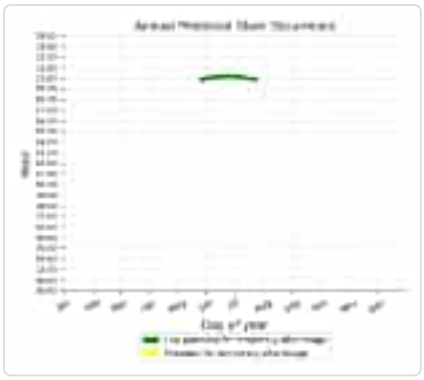


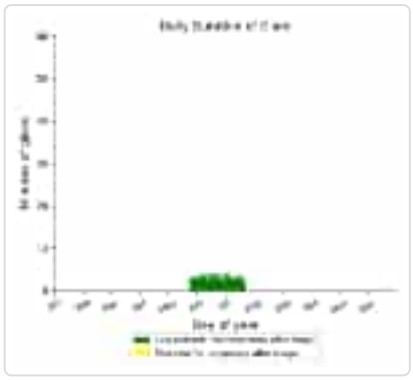


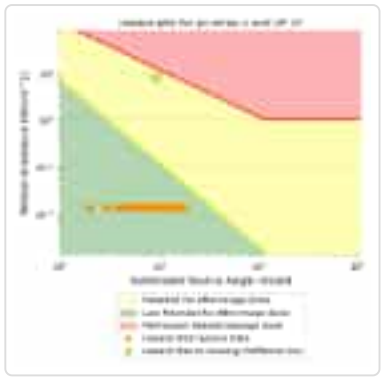
PV array 1: OP 57

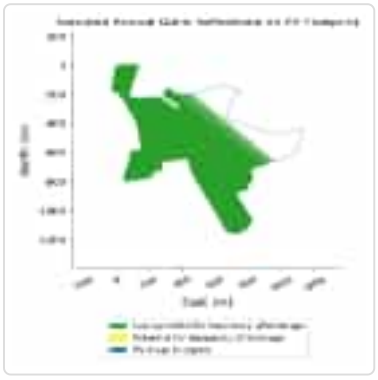
PV array is expected to produce the following glare for this receptor:

- 197 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





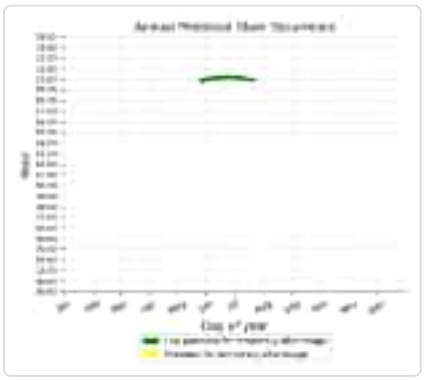


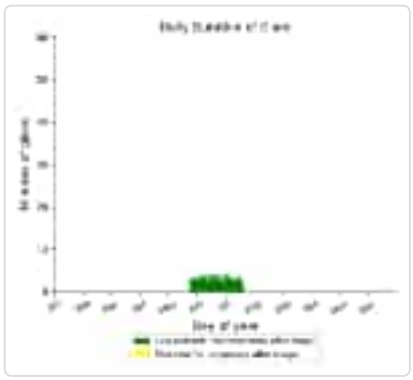


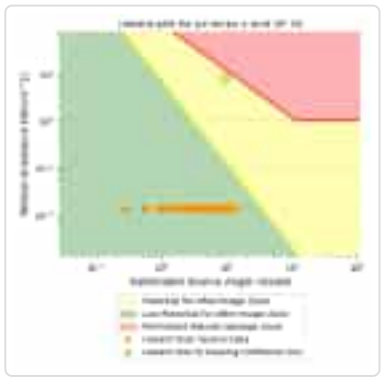
PV array 1: OP 58

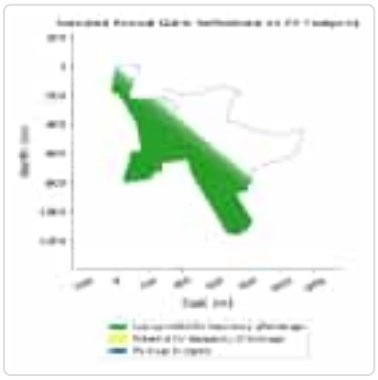
PV array is expected to produce the following glare for this receptor:

- 188 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





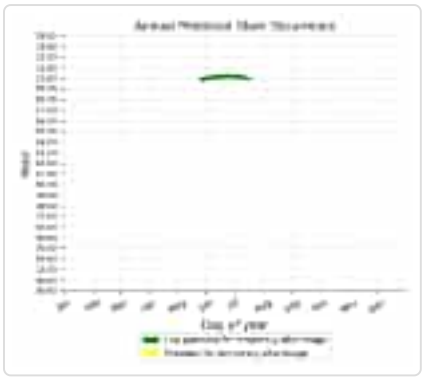


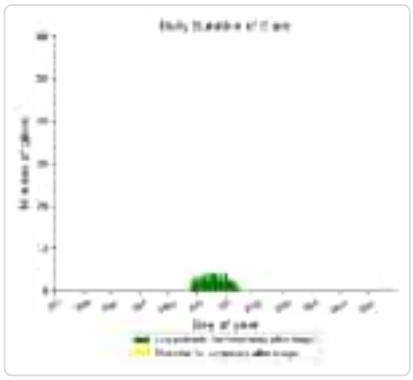


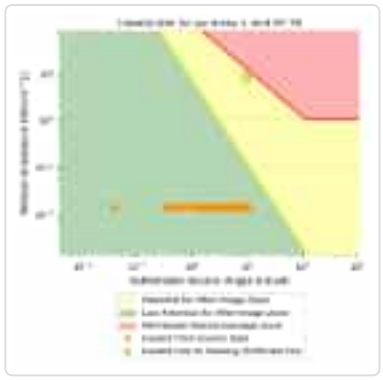
PV array 1: OP 59

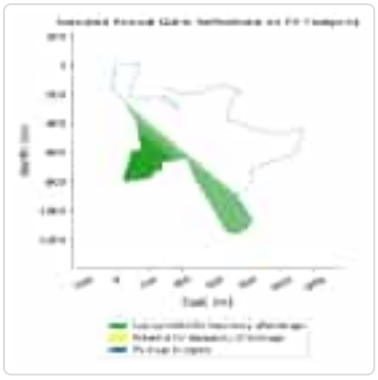
PV array is expected to produce the following glare for this receptor:

- 150 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





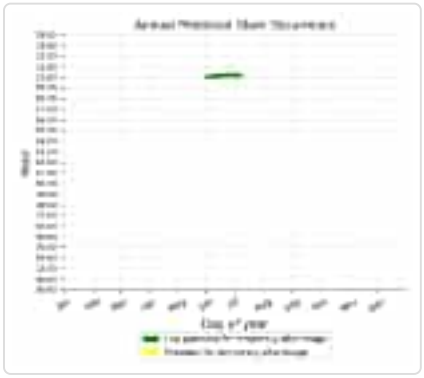


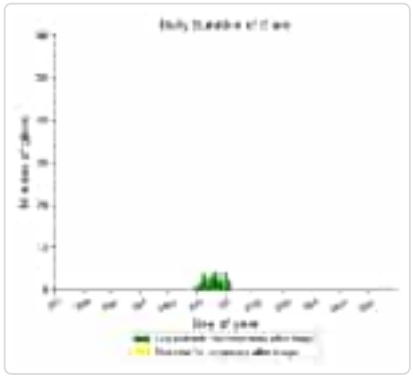


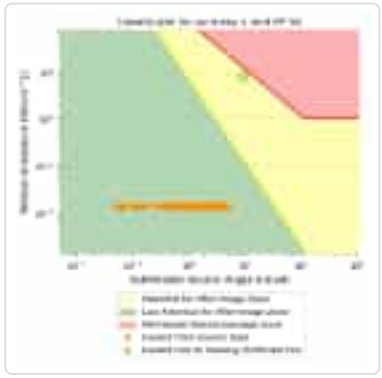
PV array 1: OP 60

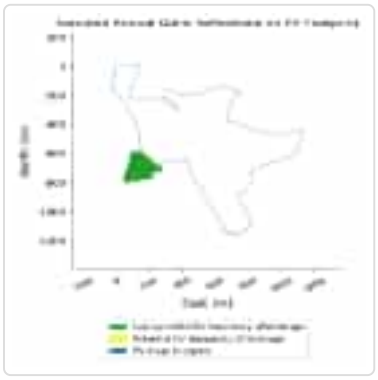
PV array is expected to produce the following glare for this receptor:

- 94 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





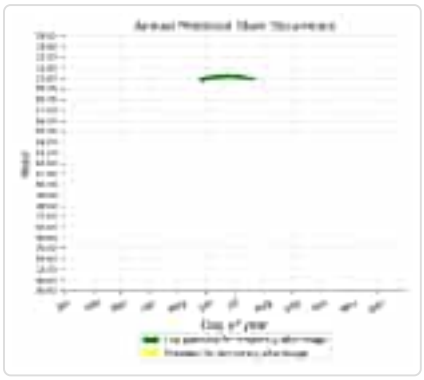


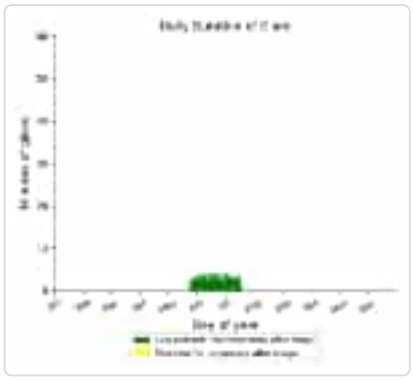


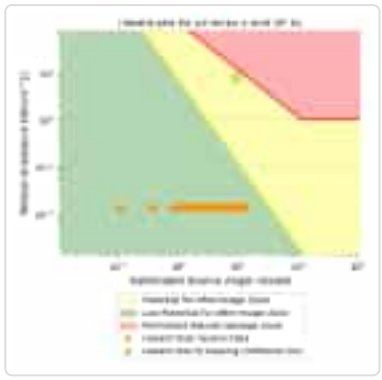
PV array 1: OP 61

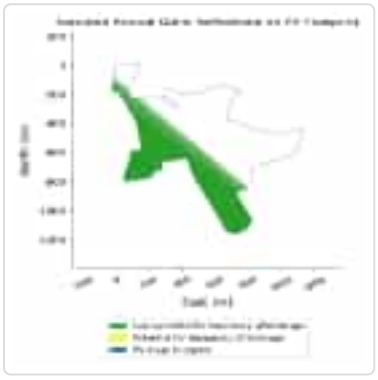
PV array is expected to produce the following glare for this receptor:

- 180 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





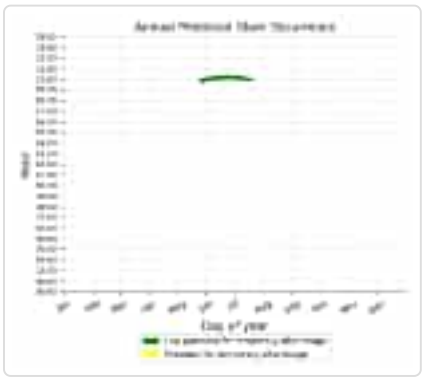


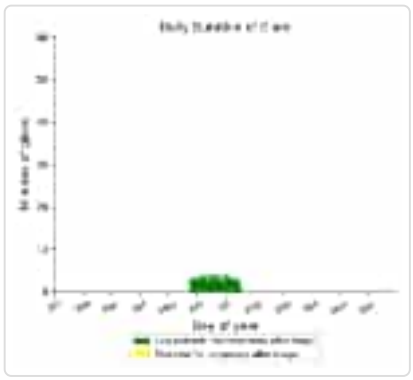


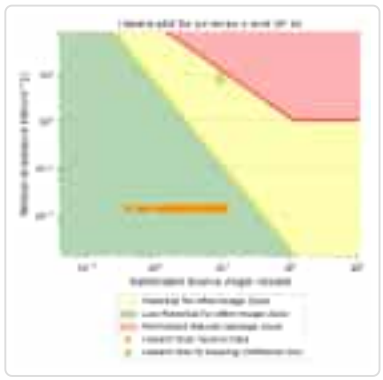
PV array 1: OP 62

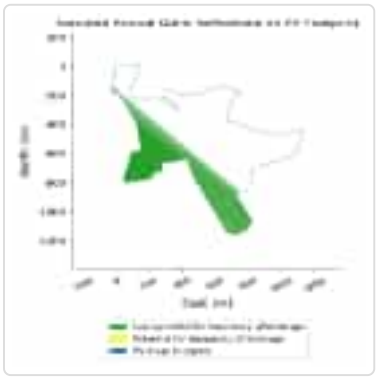
PV array is expected to produce the following glare for this receptor:

- 178 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 1: OP 63

No glare found

PV array 1: OP 64

No glare found

PV array 1: OP 65

No glare found

PV array 1: OP 66

No glare found

PV array 1: OP 67

No glare found

PV array 1: OP 68

No glare found

PV array 1: OP 69

No glare found

PV array 1: OP 70

No glare found

PV array 1: OP 71

No glare found

PV array 1: OP 72

No glare found

PV array 1: OP 73

No glare found

PV array 1: OP 74

No glare found

PV array 1: OP 75

No glare found

PV array 1: OP 76

No glare found

PV array 1: OP 77

No glare found

PV array 1: OP 78

No glare found

PV array 1: OP 79

No glare found

PV array 10 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	490	0
OP: OP 2	449	0
OP: OP 3	400	0
OP: OP 4	352	0
OP: OP 5	333	0
OP: OP 6	243	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	96	0
OP: OP 23	92	0

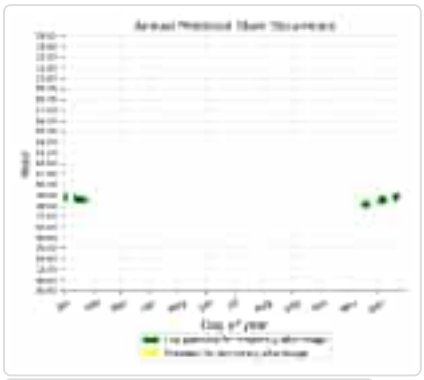
OP: OP 24	0	0
OP: OP 25	127	0
OP: OP 26	229	0
OP: OP 27	415	0
OP: OP 28	536	0
OP: OP 29	599	0
OP: OP 30	652	0
OP: OP 31	555	0
OP: OP 32	452	0
OP: OP 33	273	0
OP: OP 34	268	0
OP: OP 35	398	0
OP: OP 36	324	0
OP: OP 37	379	0
OP: OP 38	536	0
OP: OP 39	532	0
OP: OP 40	384	0
OP: OP 41	121	0
OP: OP 42	134	0
OP: OP 43	168	0
OP: OP 44	182	0
OP: OP 45	531	11
OP: OP 46	41	0
OP: OP 47	0	0
OP: OP 48	3715	3263
OP: OP 49	103	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	58	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0

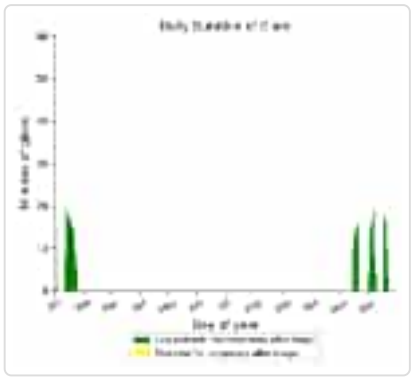
OP: OP 78	0	0
OP: OP 79	0	0

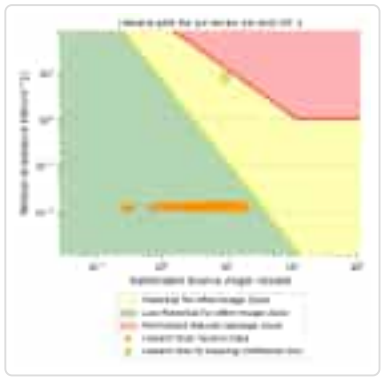
PV array 10: OP 1

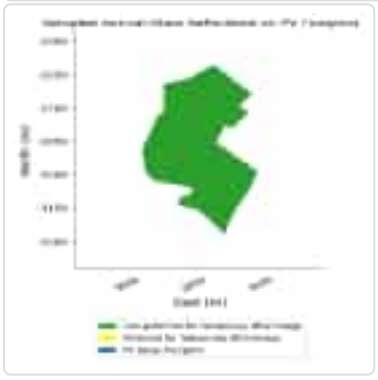
PV array is expected to produce the following glare for this receptor:

- 490 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





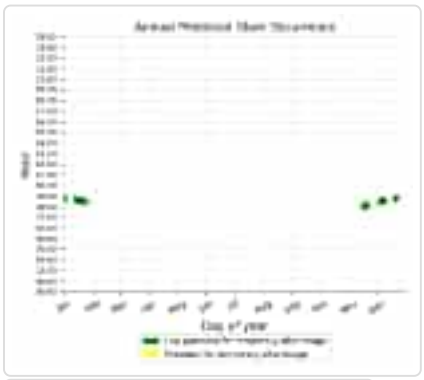


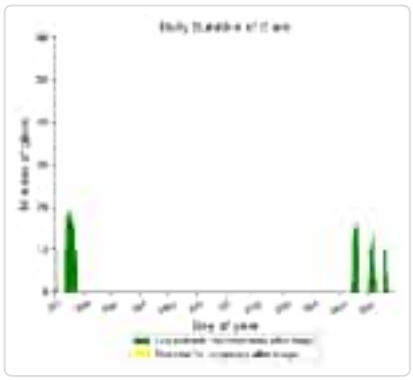


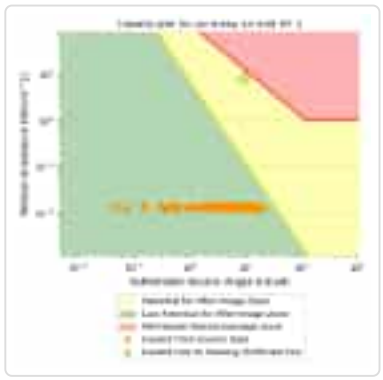
PV array 10: OP 2

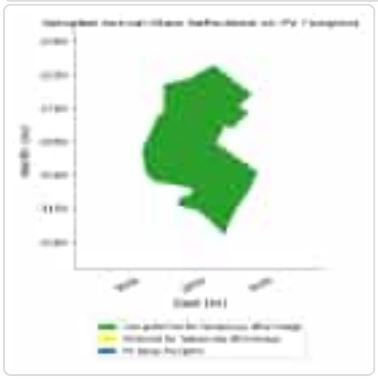
PV array is expected to produce the following glare for this receptor:

- 449 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





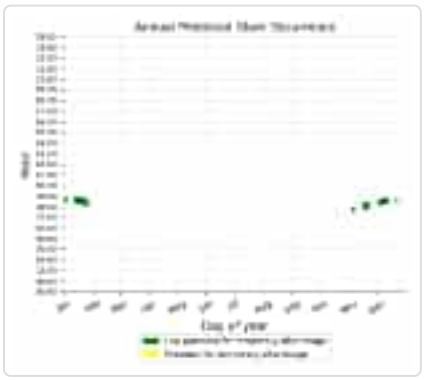


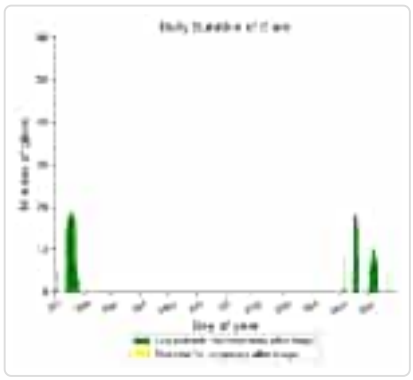


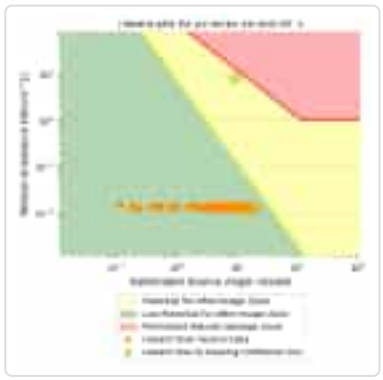
PV array 10: OP 3

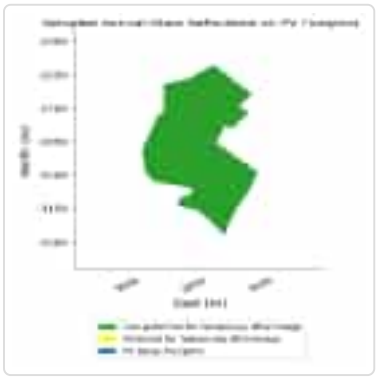
PV array is expected to produce the following glare for this receptor:

- 400 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





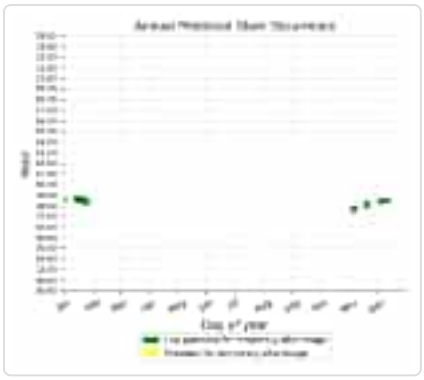


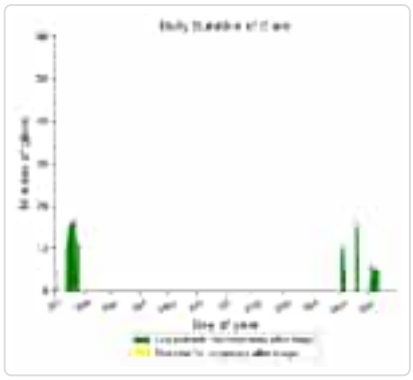


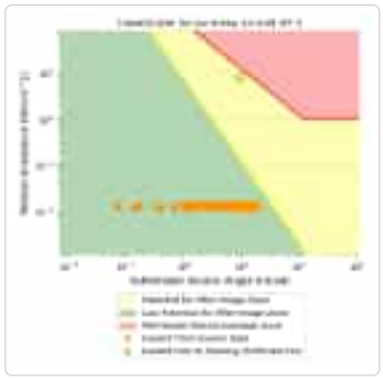
PV array 10: OP 4

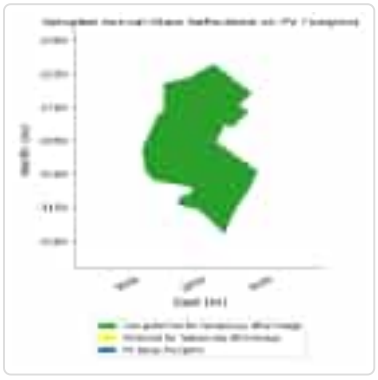
PV array is expected to produce the following glare for this receptor:

- 352 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





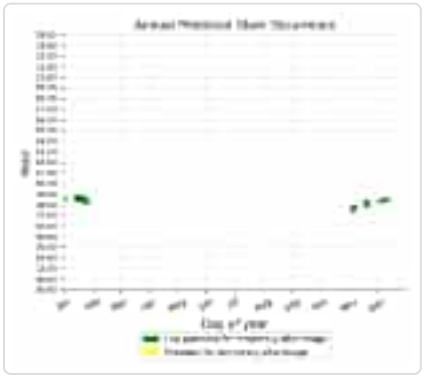


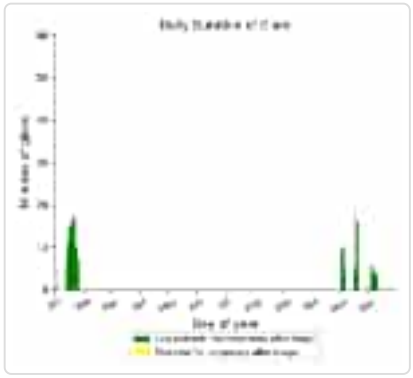


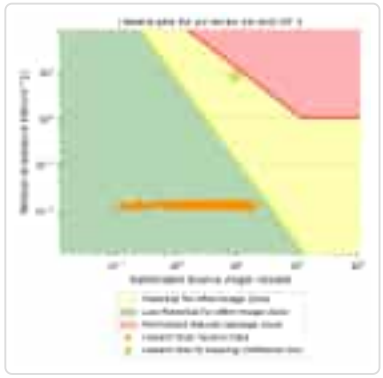
PV array 10: OP 5

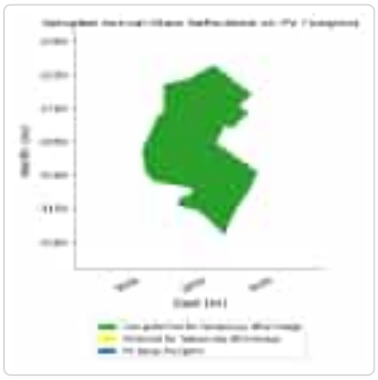
PV array is expected to produce the following glare for this receptor:

- 333 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





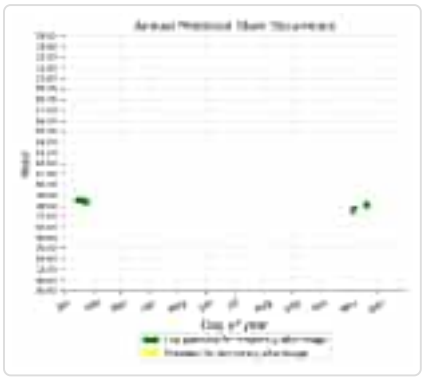


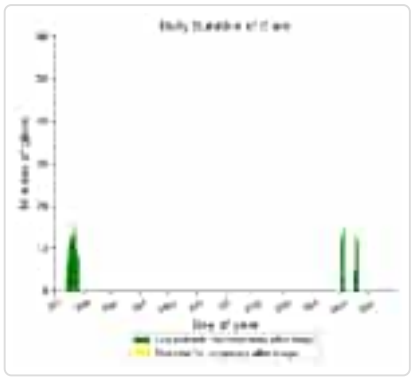


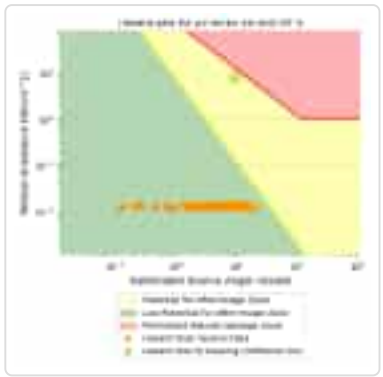
PV array 10: OP 6

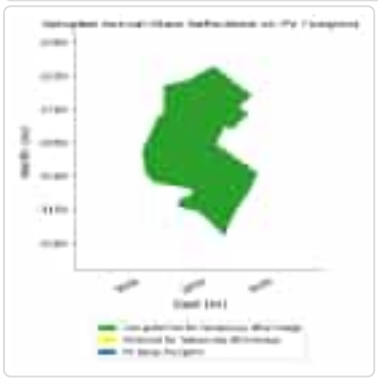
PV array is expected to produce the following glare for this receptor:

- 243 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 7

No glare found

PV array 10: OP 8

No glare found

PV array 10: OP 9

No glare found

PV array 10: OP 10

No glare found

PV array 10: OP 11

No glare found

PV array 10: OP 12

No glare found

PV array 10: OP 13

No glare found

PV array 10: OP 14

No glare found

PV array 10: OP 15

No glare found

PV array 10: OP 16

No glare found

PV array 10: OP 17

No glare found

PV array 10: OP 18

No glare found

PV array 10: OP 19

No glare found

PV array 10: OP 20

No glare found

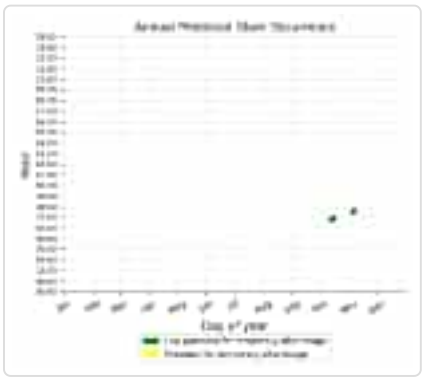
PV array 10: OP 21

No glare found

PV array 10: OP 22

PV array is expected to produce the following glare for this receptor:

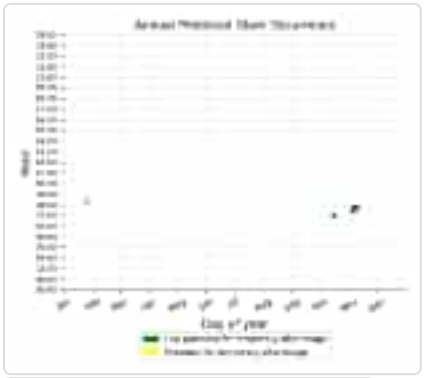
- 96 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

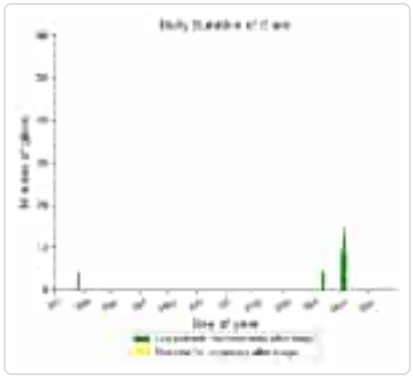


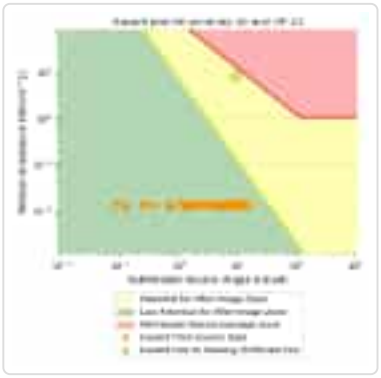
PV array 10: OP 23

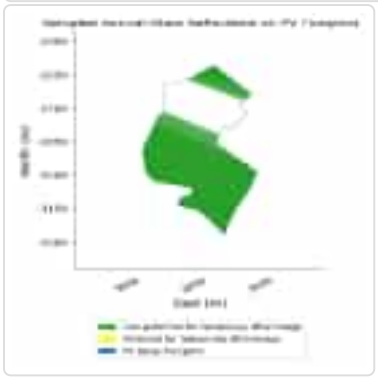
PV array is expected to produce the following glare for this receptor:

- 92 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









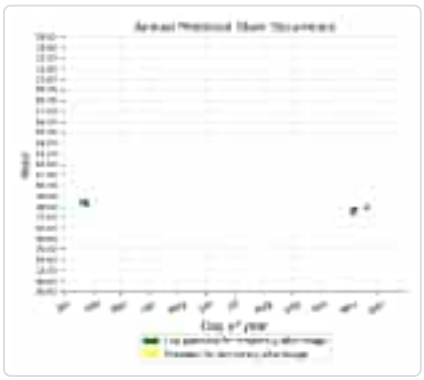
PV array 10: OP 24

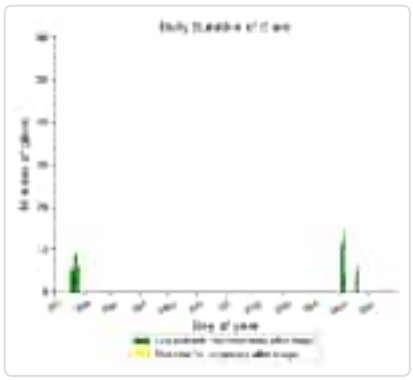
No glare found

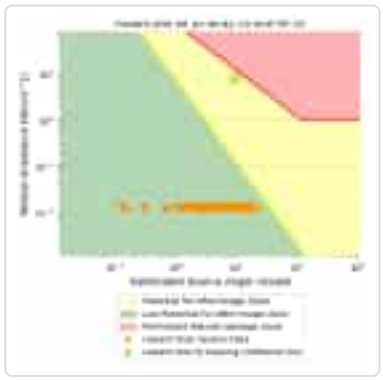
PV array 10: OP 25

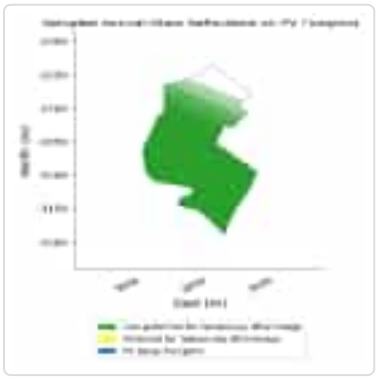
PV array is expected to produce the following glare for this receptor:

- 127 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





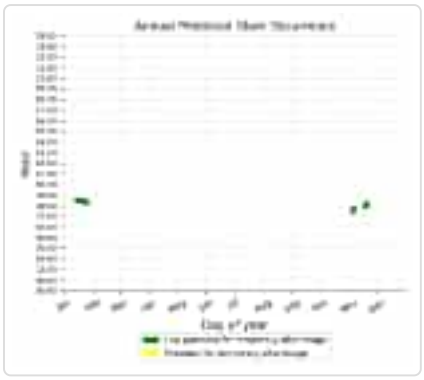


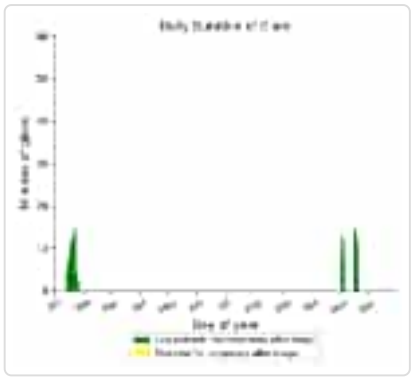


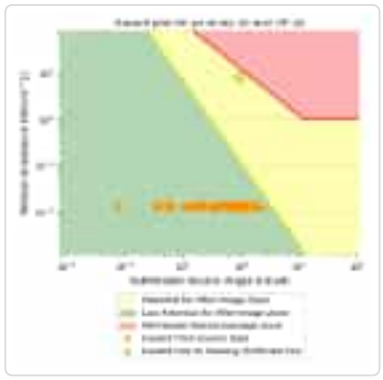
PV array 10: OP 26

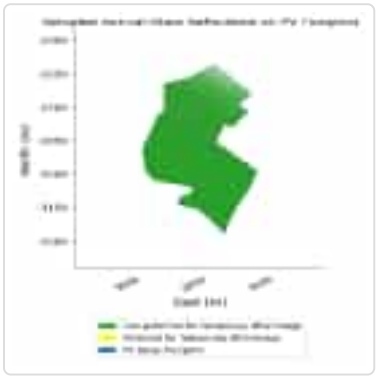
PV array is expected to produce the following glare for this receptor:

- 229 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





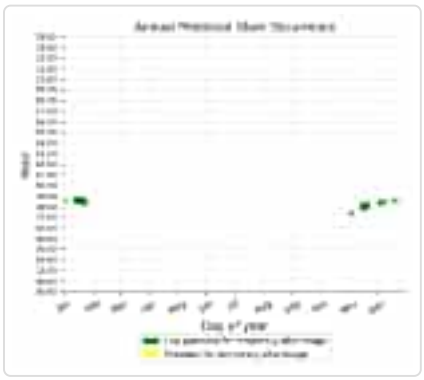


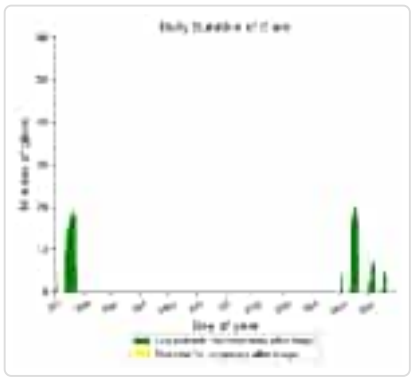


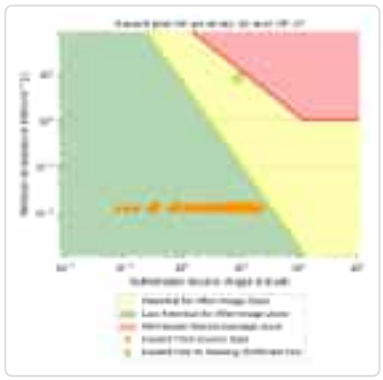
PV array 10: OP 27

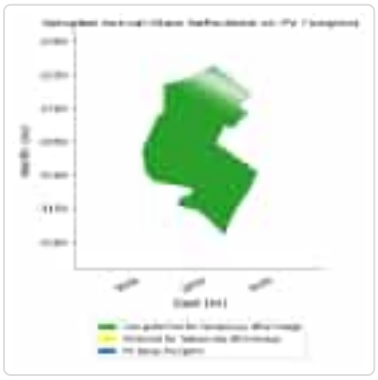
PV array is expected to produce the following glare for this receptor:

- 415 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





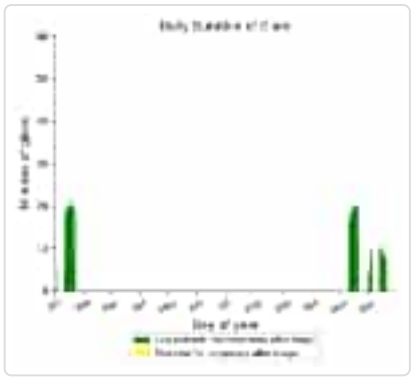


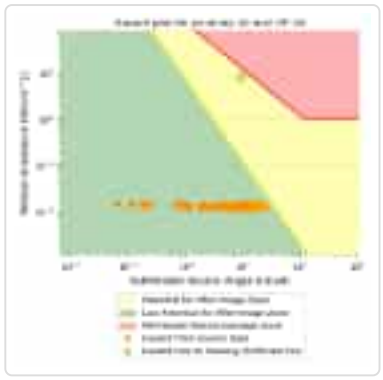


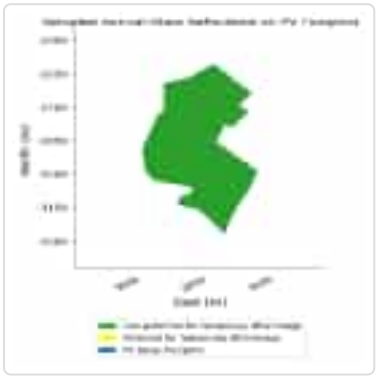
PV array 10: OP 28

PV array is expected to produce the following glare for this receptor:

- 536 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



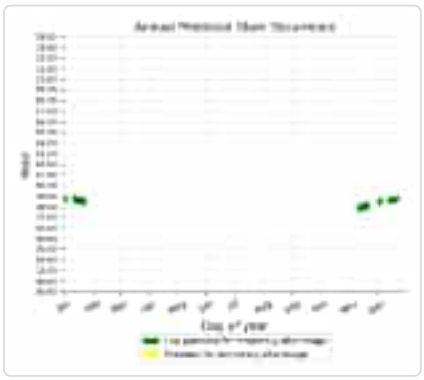


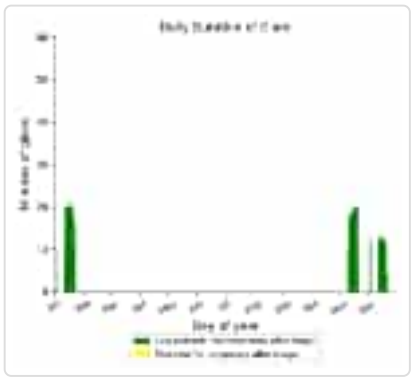


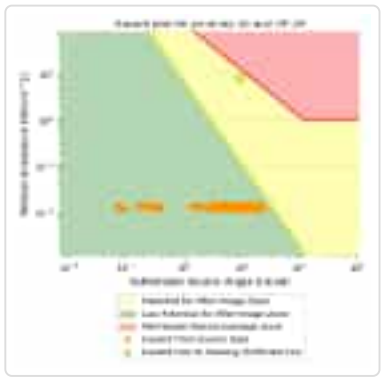
PV array 10: OP 29

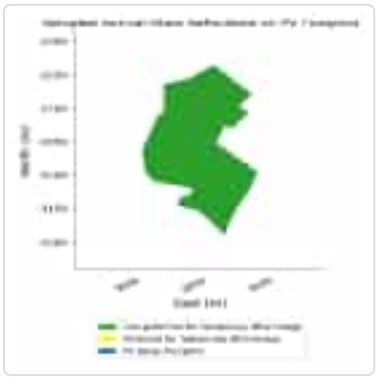
PV array is expected to produce the following glare for this receptor:

- 599 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





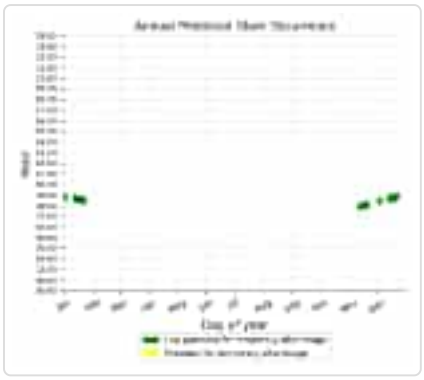


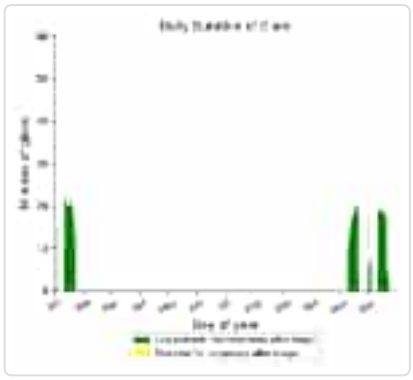


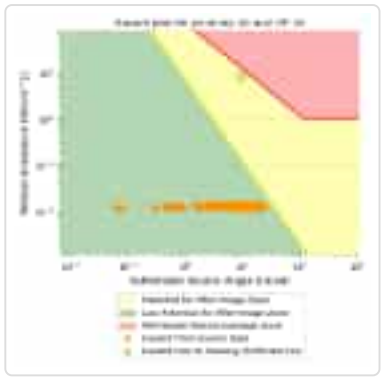
PV array 10: OP 30

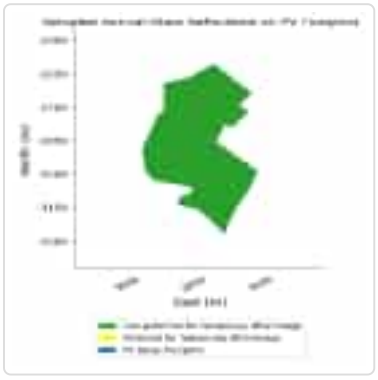
PV array is expected to produce the following glare for this receptor:

- 652 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





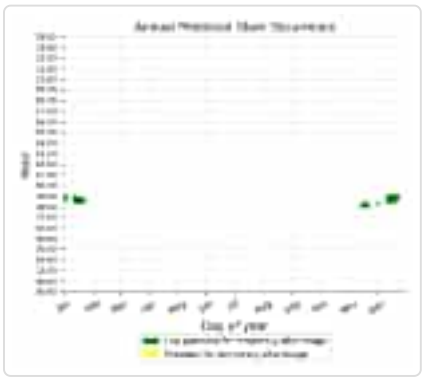


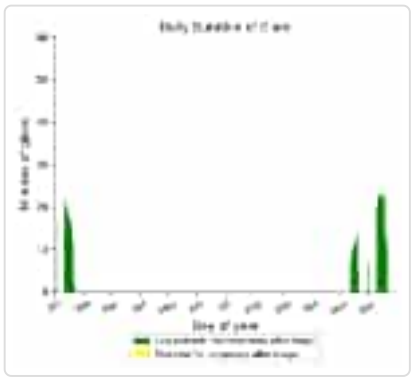


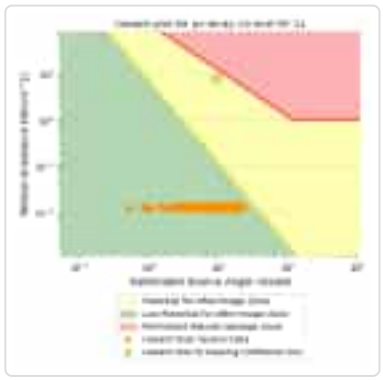
PV array 10: OP 31

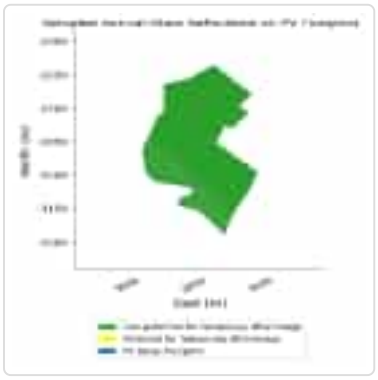
PV array is expected to produce the following glare for this receptor:

- 555 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





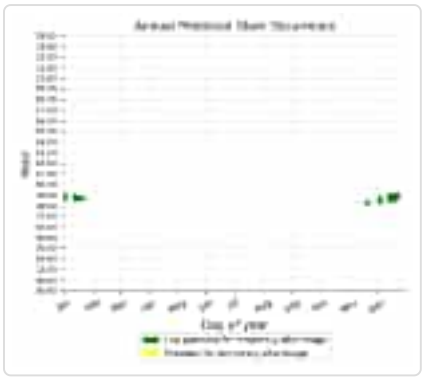


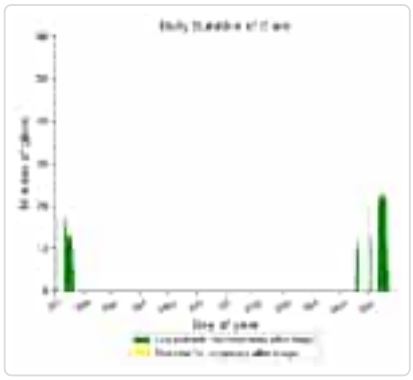


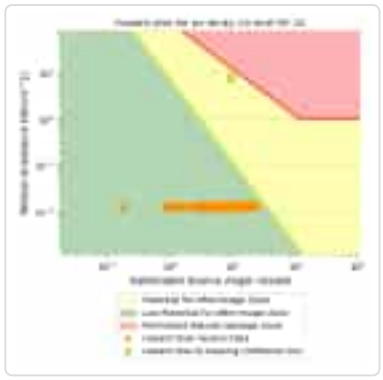
PV array 10: OP 32

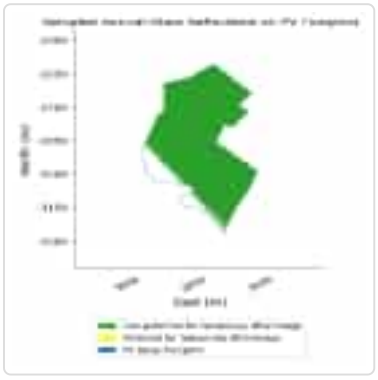
PV array is expected to produce the following glare for this receptor:

- 452 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





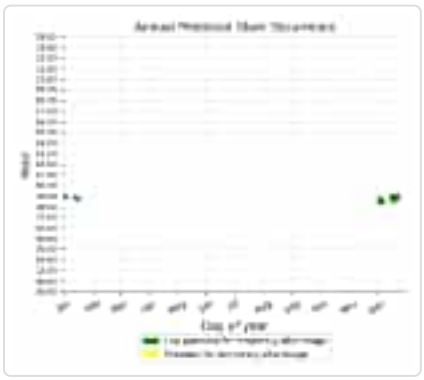


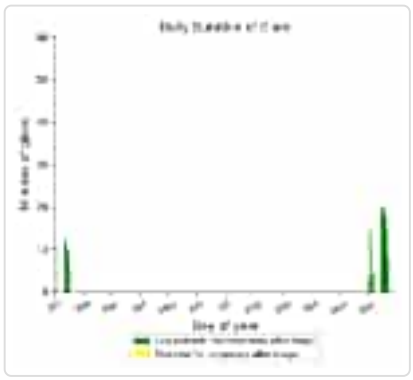


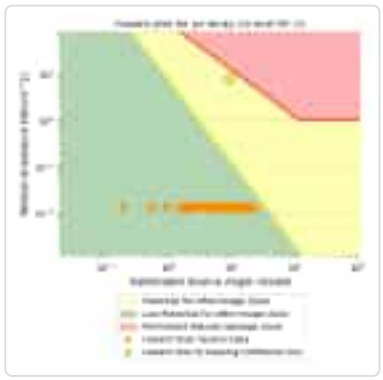
PV array 10: OP 33

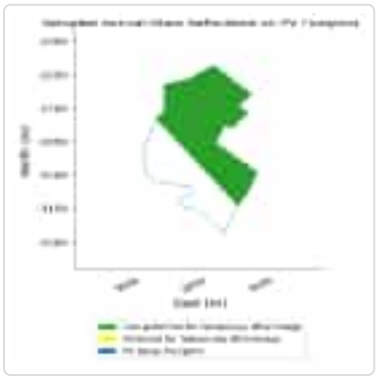
PV array is expected to produce the following glare for this receptor:

- 273 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





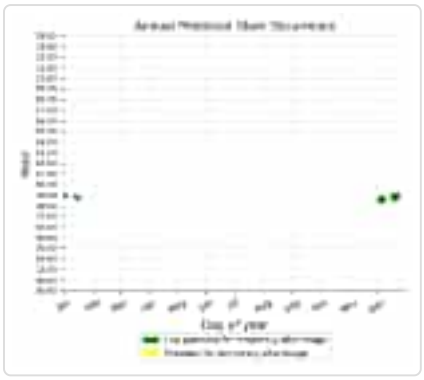


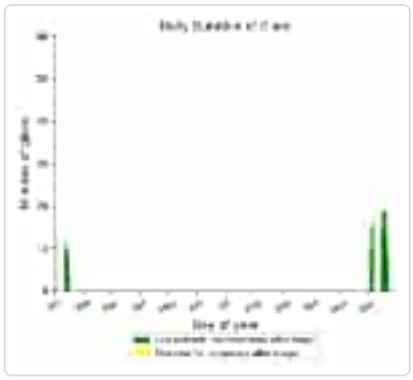


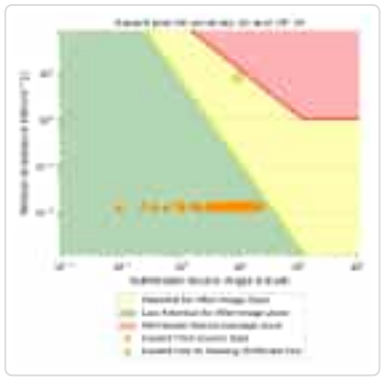
PV array 10: OP 34

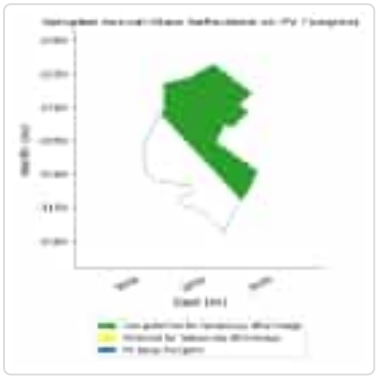
PV array is expected to produce the following glare for this receptor:

- 268 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





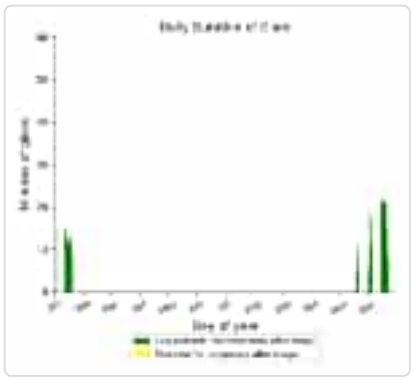


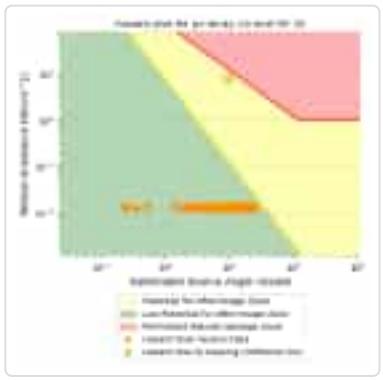


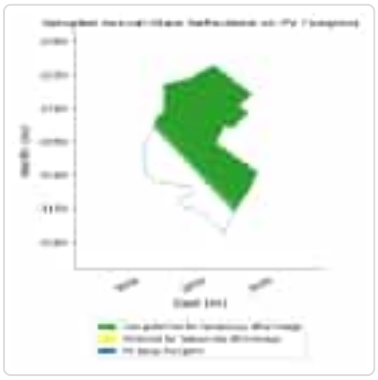
PV array 10: OP 35

PV array is expected to produce the following glare for this receptor:

- 398 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



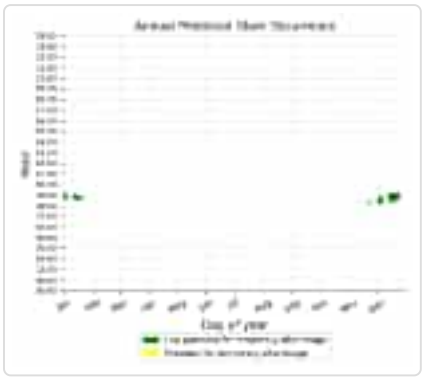


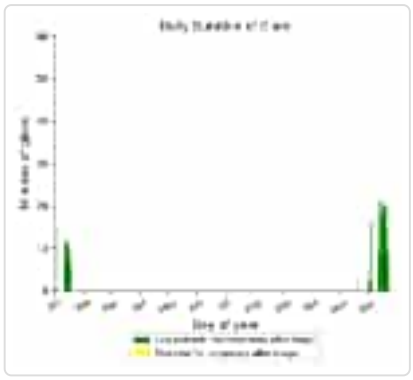


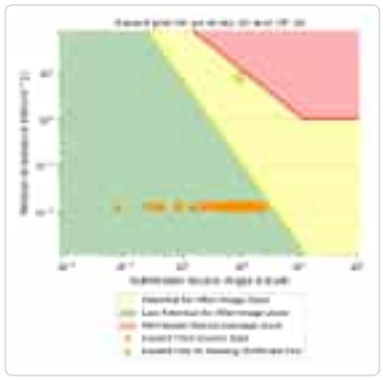
PV array 10: OP 36

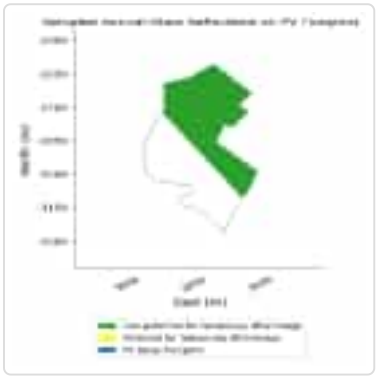
PV array is expected to produce the following glare for this receptor:

- 324 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





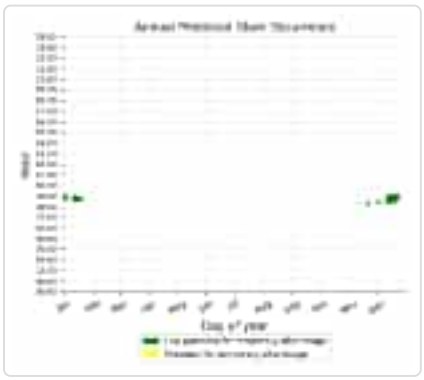


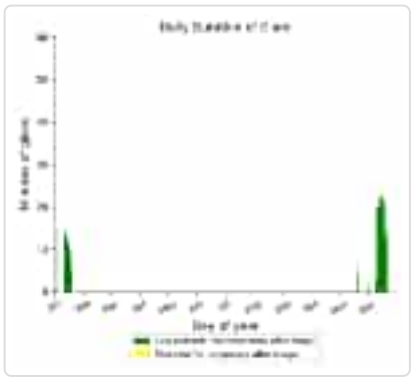


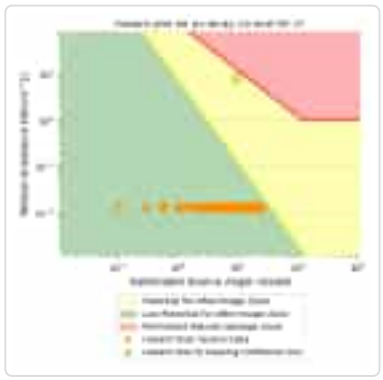
PV array 10: OP 37

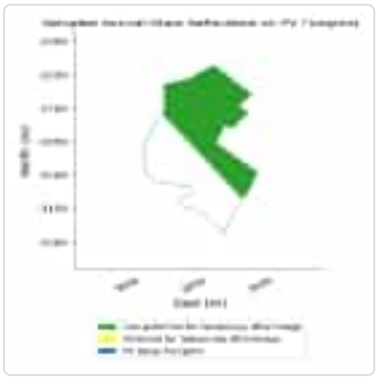
PV array is expected to produce the following glare for this receptor:

- 379 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





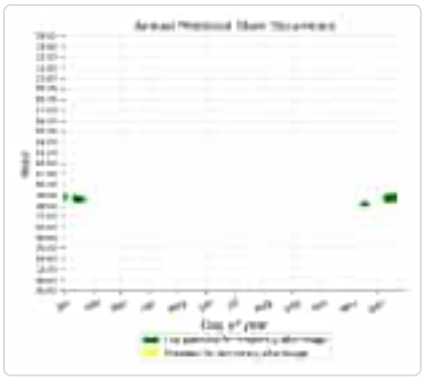


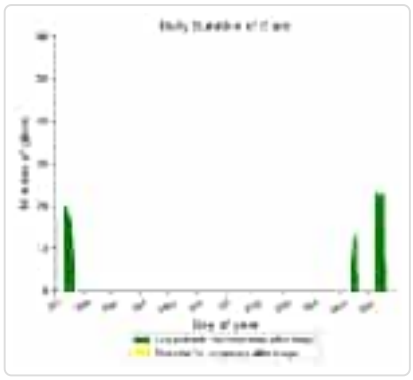


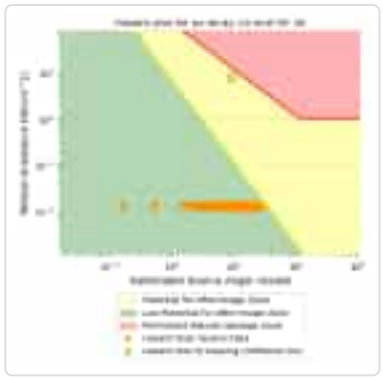
PV array 10: OP 38

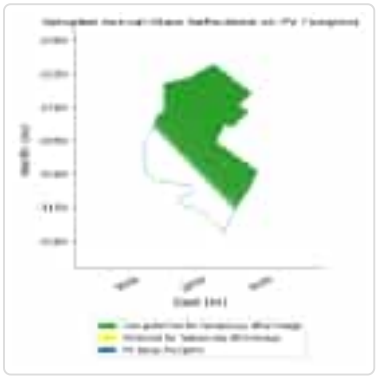
PV array is expected to produce the following glare for this receptor:

- 536 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





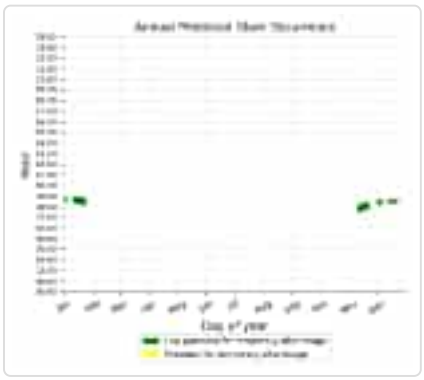


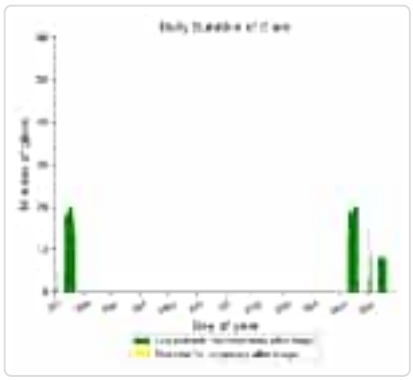


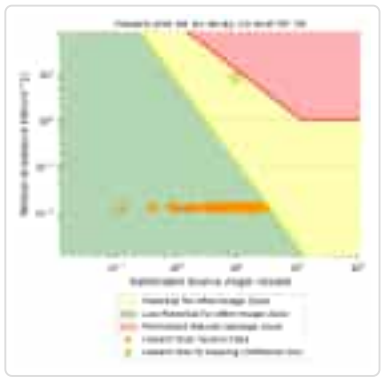
PV array 10: OP 39

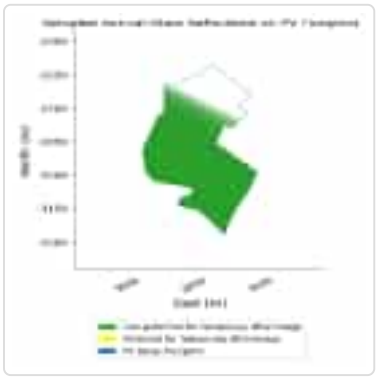
PV array is expected to produce the following glare for this receptor:

- 532 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





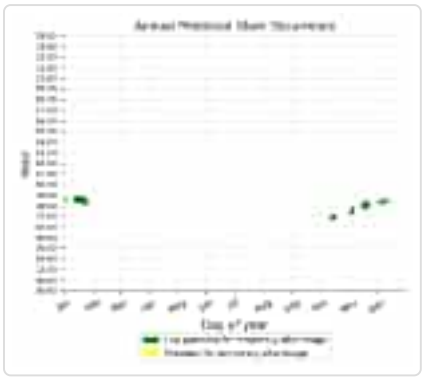


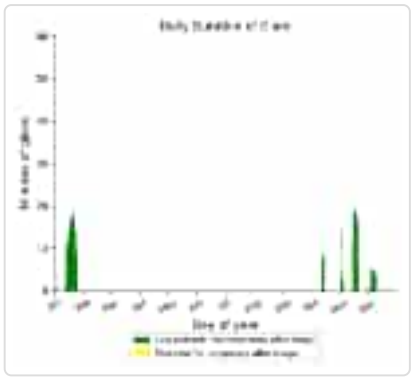


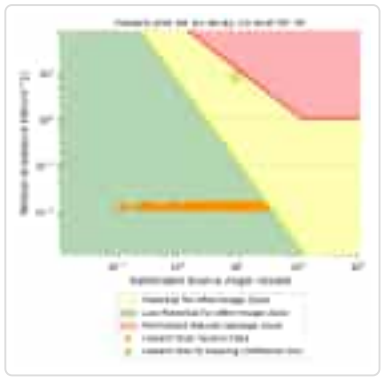
PV array 10: OP 40

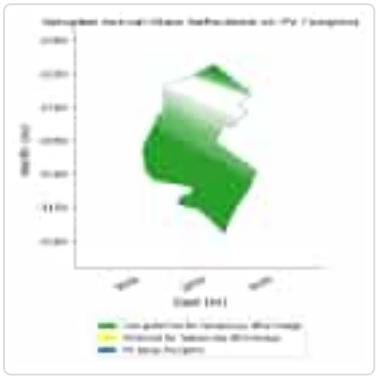
PV array is expected to produce the following glare for this receptor:

- 384 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





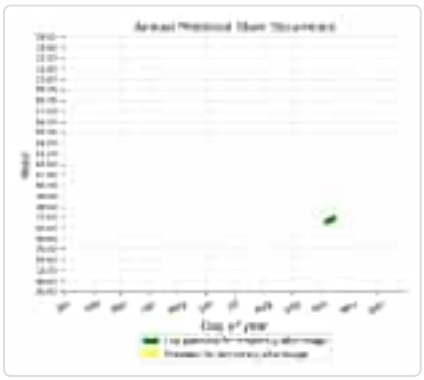


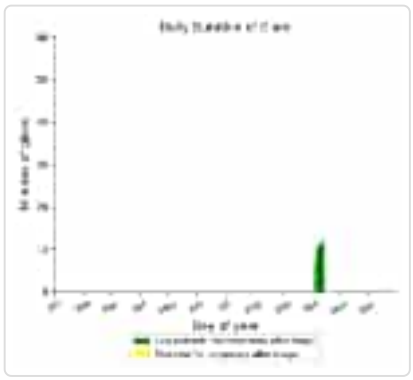


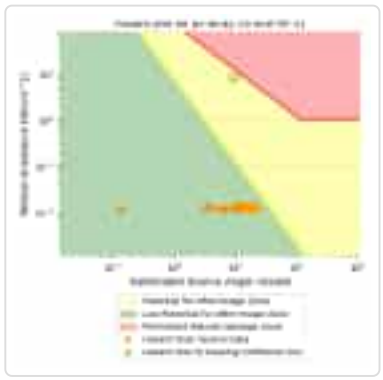
PV array 10: OP 41

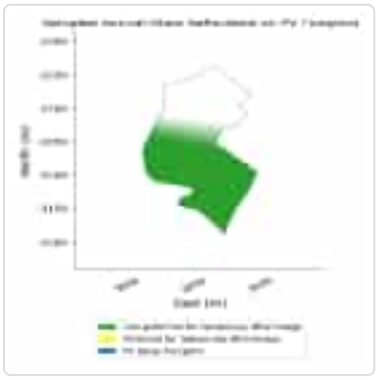
PV array is expected to produce the following glare for this receptor:

- 121 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





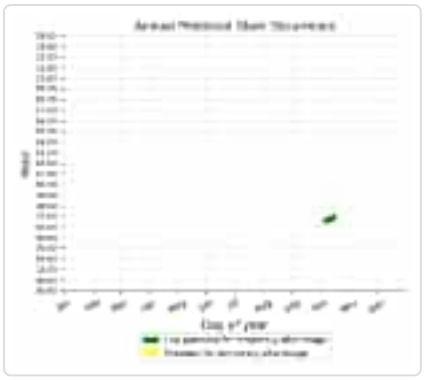


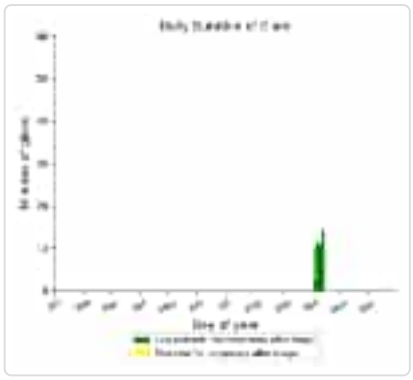


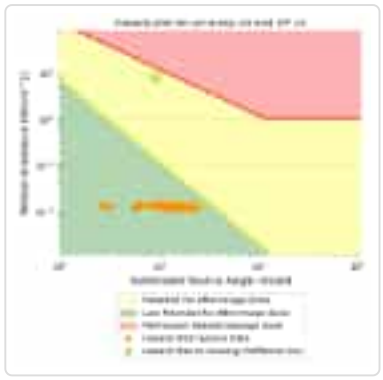
PV array 10: OP 42

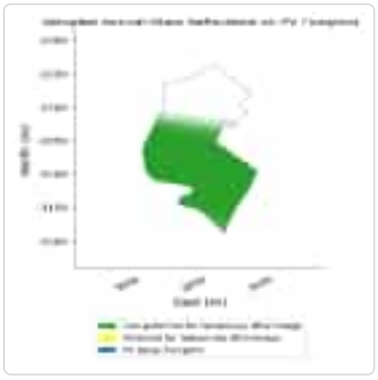
PV array is expected to produce the following glare for this receptor:

- 134 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





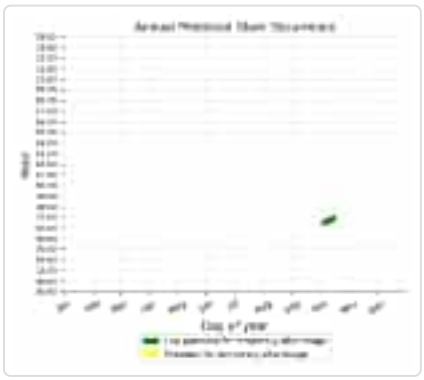


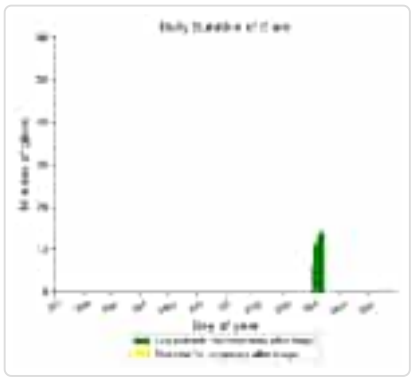


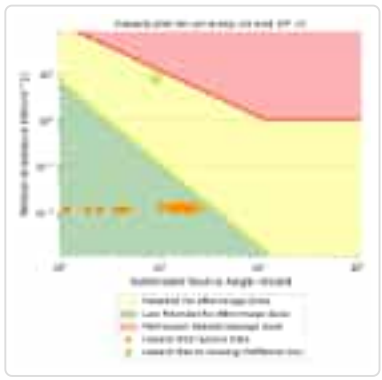
PV array 10: OP 43

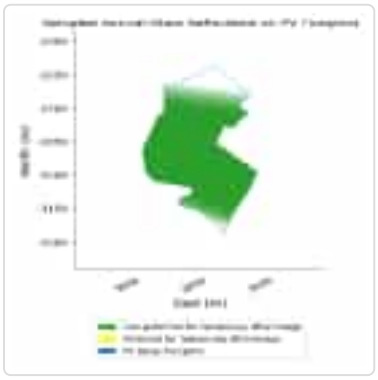
PV array is expected to produce the following glare for this receptor:

- 168 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





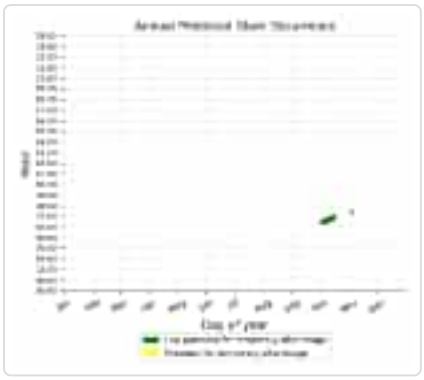


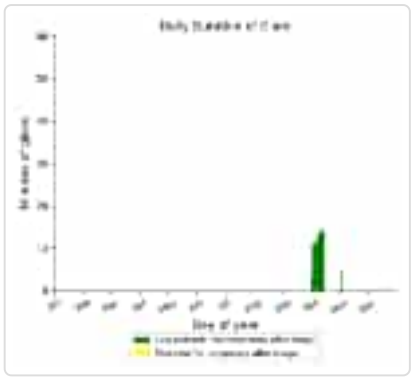


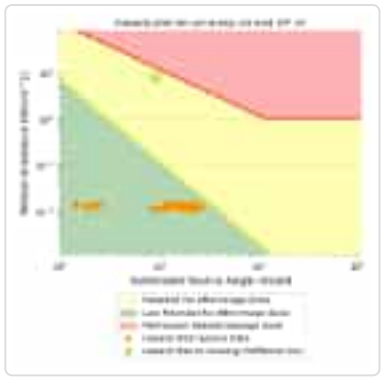
PV array 10: OP 44

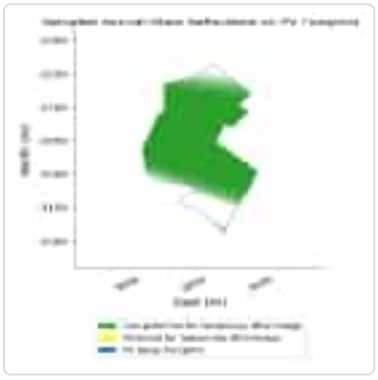
PV array is expected to produce the following glare for this receptor:

- 182 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





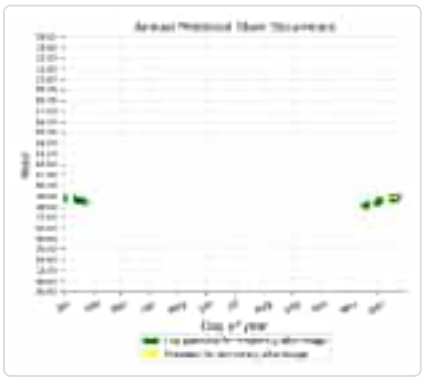


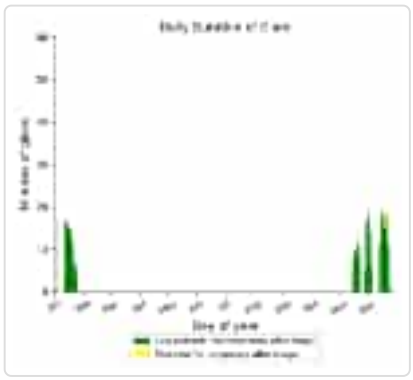


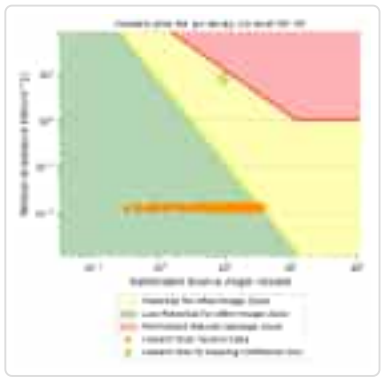
PV array 10: OP 45

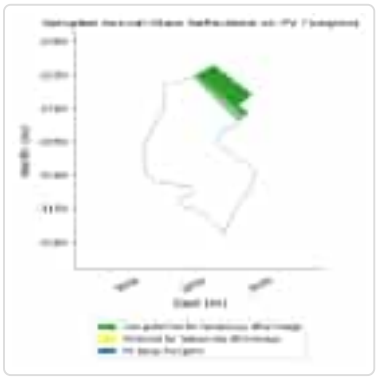
PV array is expected to produce the following glare for this receptor:

- 531 minutes of "green" glare with low potential to cause temporary after-image.
- 11 minutes of "yellow" glare with potential to cause temporary after-image.





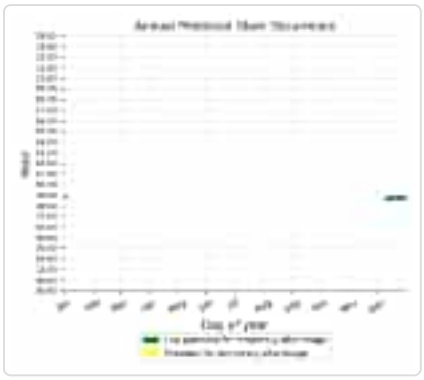


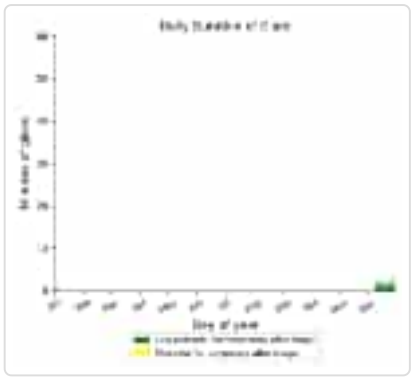


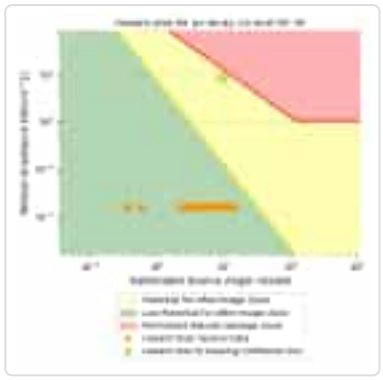
PV array 10: OP 46

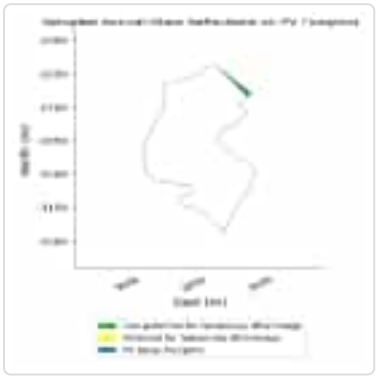
PV array is expected to produce the following glare for this receptor:

- 41 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









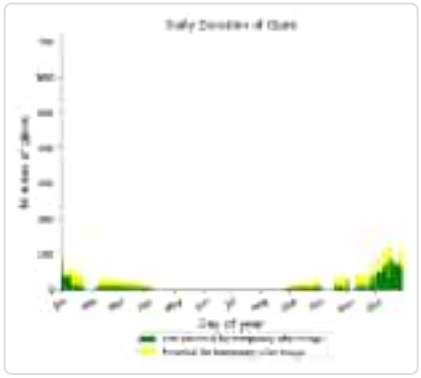
PV array 10: OP 47

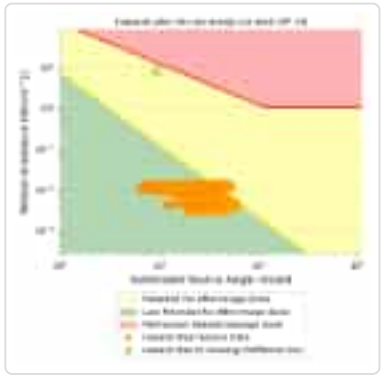
No glare found

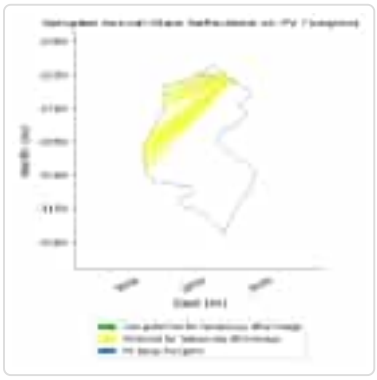
PV array 10: OP 48

PV array is expected to produce the following glare for this receptor:

- 3,715 minutes of "green" glare with low potential to cause temporary after-image.
- 3,263 minutes of "yellow" glare with potential to cause temporary after-image.



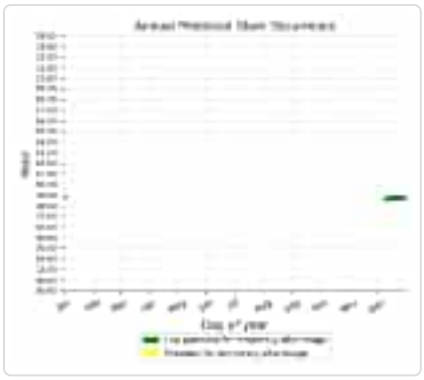


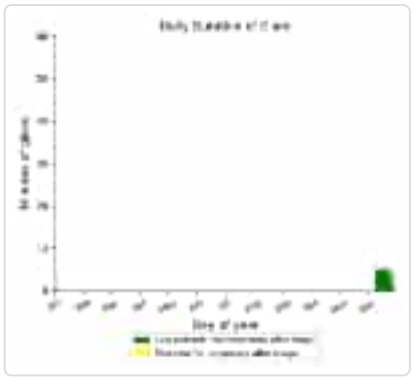


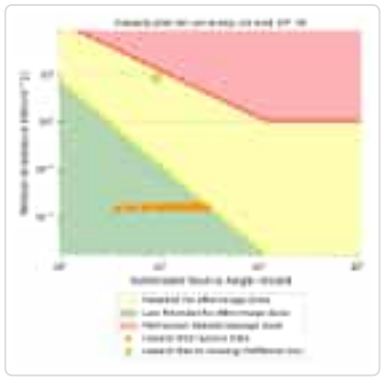
PV array 10: OP 49

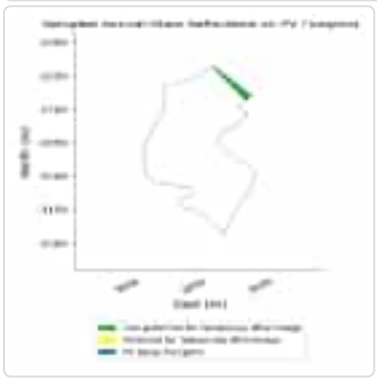
PV array is expected to produce the following glare for this receptor:

- 103 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 50

No glare found

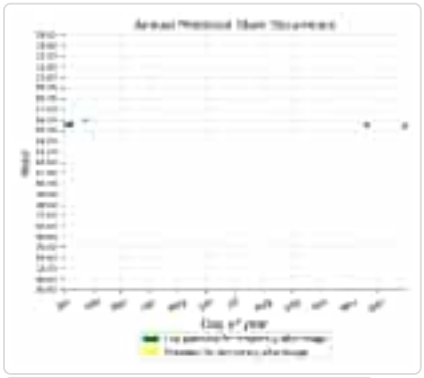
PV array 10: OP 51

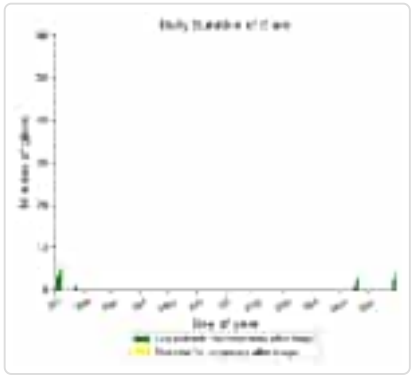
No glare found

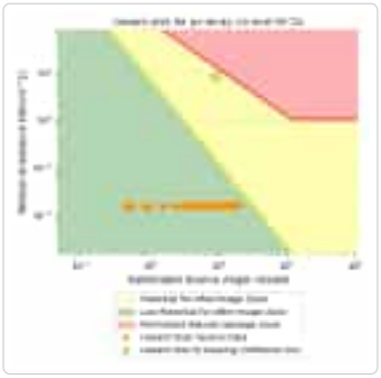
PV array 10: OP 52

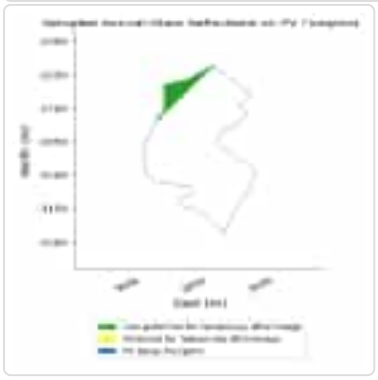
PV array is expected to produce the following glare for this receptor:

- 58 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10: OP 53

No glare found

PV array 10: OP 54

No glare found

PV array 10: OP 55

No glare found

PV array 10: OP 56

No glare found

PV array 10: OP 57

No glare found

PV array 10: OP 58

No glare found

PV array 10: OP 59

No glare found

PV array 10: OP 60

No glare found

PV array 10: OP 61

No glare found

PV array 10: OP 62

No glare found

PV array 10: OP 63

No glare found

PV array 10: OP 64

No glare found

PV array 10: OP 65

No glare found

PV array 10: OP 66

No glare found

PV array 10: OP 67

No glare found

PV array 10: OP 68

No glare found

PV array 10: OP 69

No glare found

PV array 10: OP 70

No glare found

PV array 10: OP 71

No glare found

PV array 10: OP 72

No glare found

PV array 10: OP 73

No glare found

PV array 10: OP 74

No glare found

PV array 10: OP 75

No glare found

PV array 10: OP 76

No glare found

PV array 10: OP 77

No glare found

PV array 10: OP 78

No glare found

PV array 10: OP 79

No glare found

PV array 11 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	21	0
OP: OP 30	0	0
OP: OP 31	19	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	21	0
OP: OP 39	0	0
OP: OP 40	0	0

OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	399	0
OP: OP 54	418	106
OP: OP 55	1299	147
OP: OP 56	45023	19123
OP: OP 57	16732	18905
OP: OP 58	1722	692
OP: OP 59	1858	2298
OP: OP 60	1283	749
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	80	0
OP: OP 75	0	0
OP: OP 76	103	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

PV array 11: OP 1

No glare found

PV array 11: OP 2

No glare found

PV array 11: OP 3

No glare found

PV array 11: OP 4

No glare found

PV array 11: OP 5

No glare found

PV array 11: OP 6

No glare found

PV array 11: OP 7

No glare found

PV array 11: OP 8

No glare found

PV array 11: OP 9

No glare found

PV array 11: OP 10

No glare found

PV array 11: OP 11

No glare found

PV array 11: OP 12

No glare found

PV array 11: OP 13

No glare found

PV array 11: OP 14

No glare found

PV array 11: OP 15

No glare found

PV array 11: OP 16

No glare found

PV array 11: OP 17

No glare found

PV array 11: OP 18

No glare found

PV array 11: OP 19

No glare found

PV array 11: OP 20

No glare found

PV array 11: OP 21

No glare found

PV array 11: OP 22

No glare found

PV array 11: OP 23

No glare found

PV array 11: OP 24

No glare found

PV array 11: OP 25

No glare found

PV array 11: OP 26

No glare found

PV array 11: OP 27

No glare found

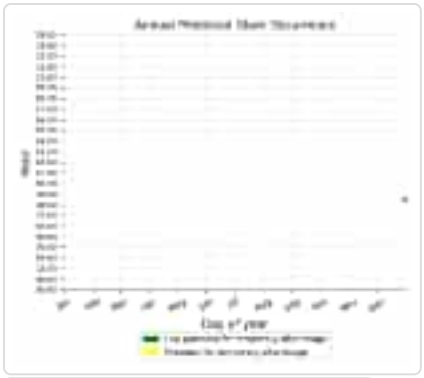
PV array 11: OP 28

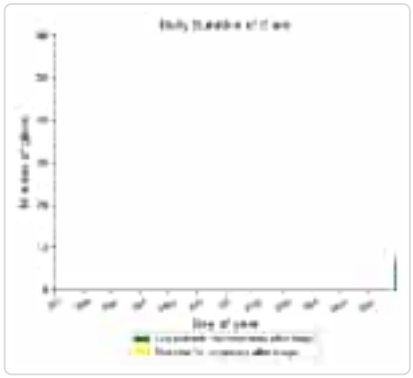
No glare found

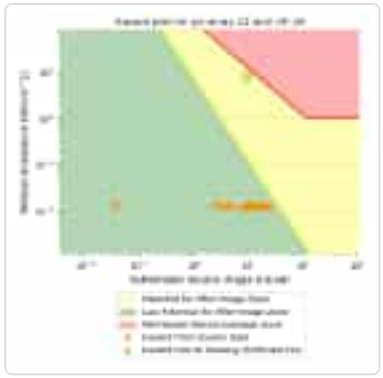
PV array 11: OP 29

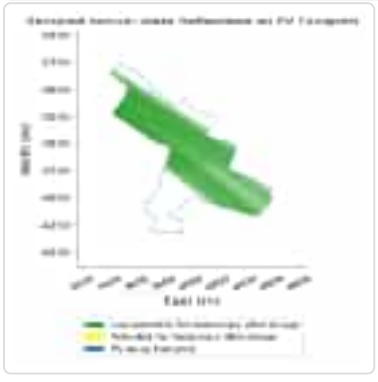
PV array is expected to produce the following glare for this receptor:

- 21 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









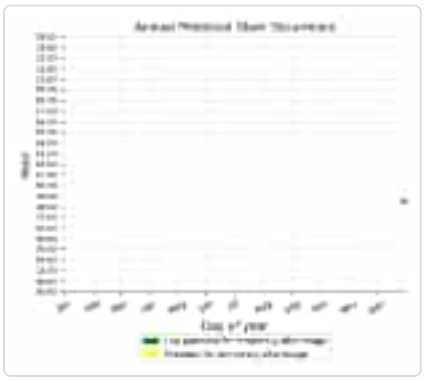
PV array 11: OP 30

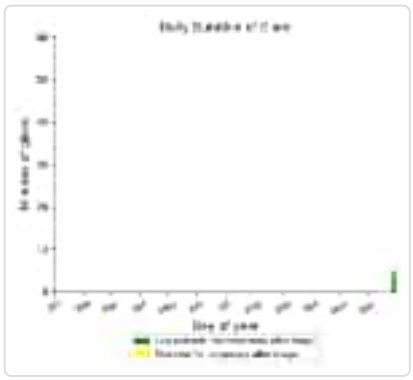
No glare found

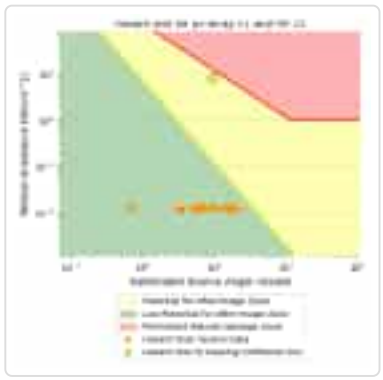
PV array 11: OP 31

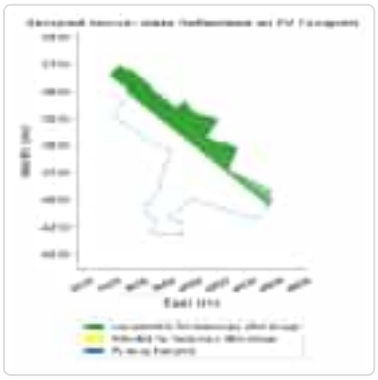
PV array is expected to produce the following glare for this receptor:

- 19 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 32

No glare found

PV array 11: OP 33

No glare found

PV array 11: OP 34

No glare found

PV array 11: OP 35

No glare found

PV array 11: OP 36

No glare found

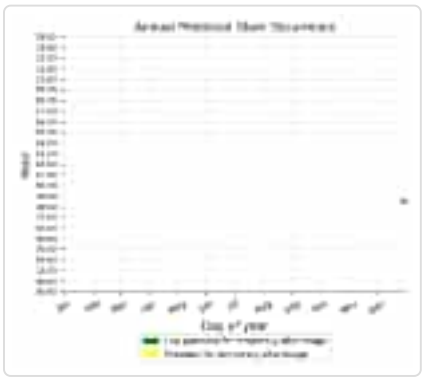
PV array 11: OP 37

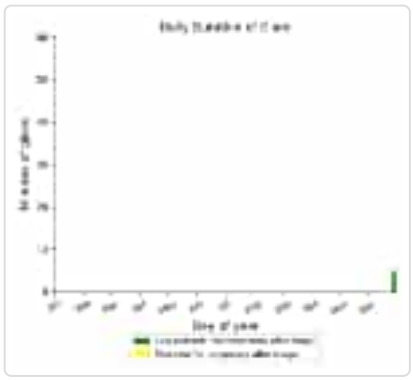
No glare found

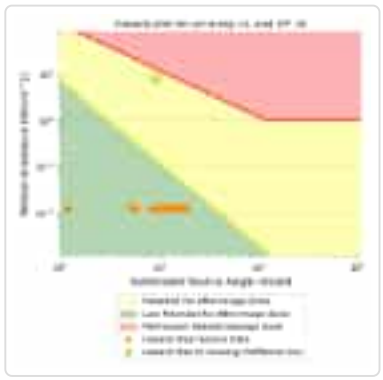
PV array 11: OP 38

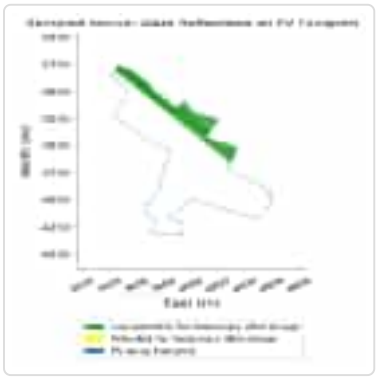
PV array is expected to produce the following glare for this receptor:

- 21 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 39

No glare found

PV array 11: OP 40

No glare found

PV array 11: OP 41

No glare found

PV array 11: OP 42

No glare found

PV array 11: OP 43

No glare found

PV array 11: OP 44

No glare found

PV array 11: OP 45

No glare found

PV array 11: OP 46

No glare found

PV array 11: OP 47

No glare found

PV array 11: OP 48

No glare found

PV array 11: OP 49

No glare found

PV array 11: OP 50

No glare found

PV array 11: OP 51

No glare found

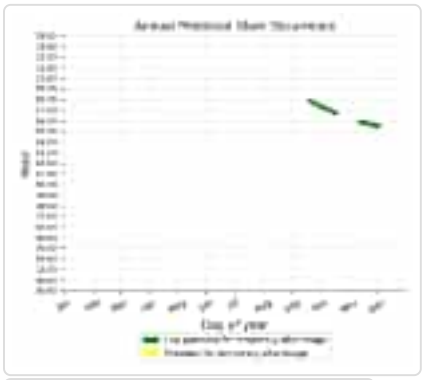
PV array 11: OP 52

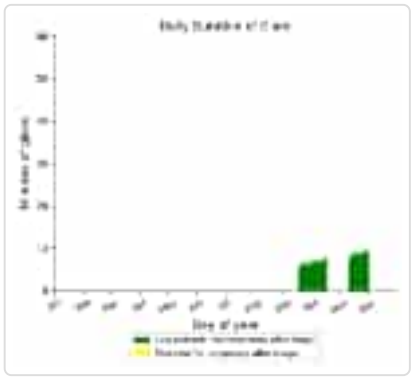
No glare found

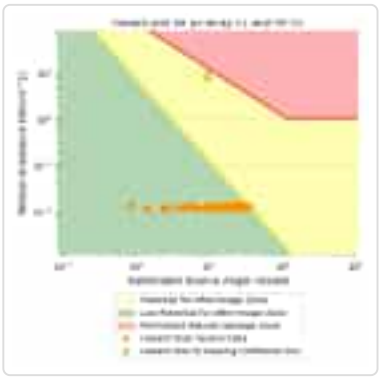
PV array 11: OP 53

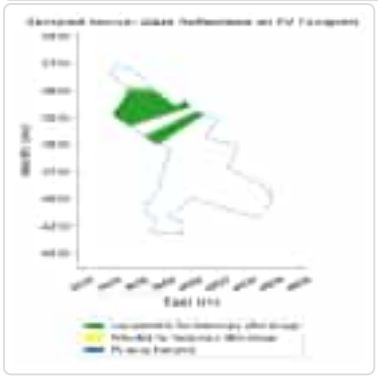
PV array is expected to produce the following glare for this receptor:

- 399 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





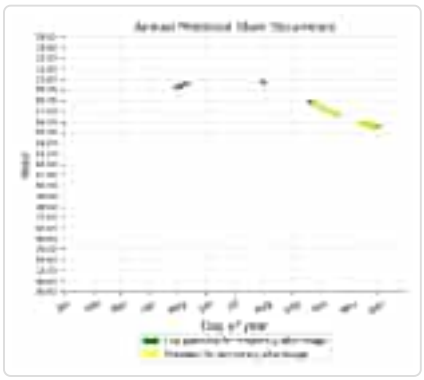


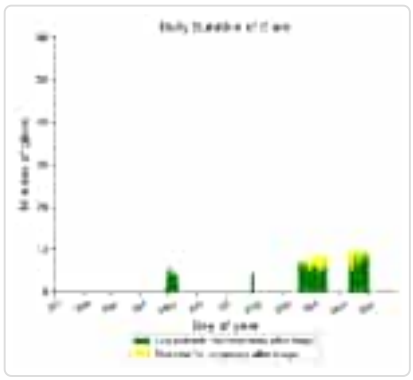


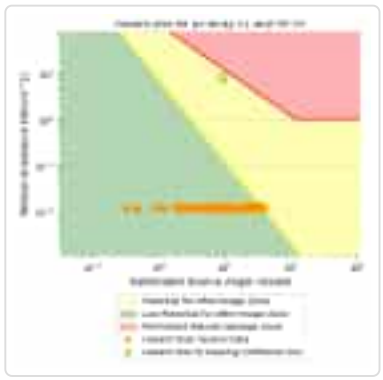
PV array 11: OP 54

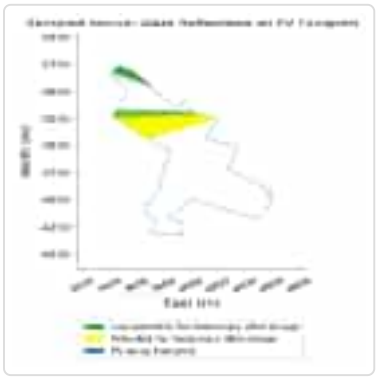
PV array is expected to produce the following glare for this receptor:

- 418 minutes of "green" glare with low potential to cause temporary after-image.
- 106 minutes of "yellow" glare with potential to cause temporary after-image.





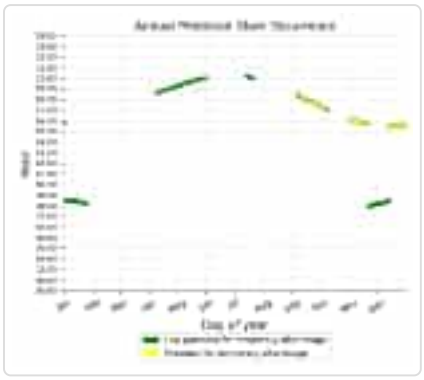


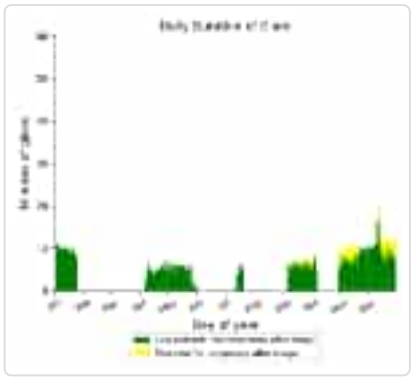


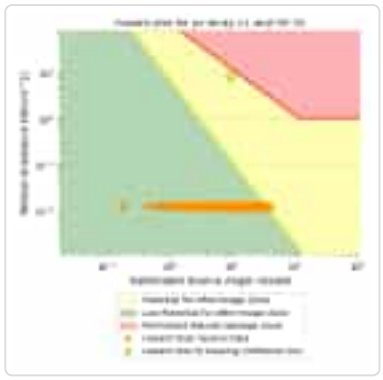
PV array 11: OP 55

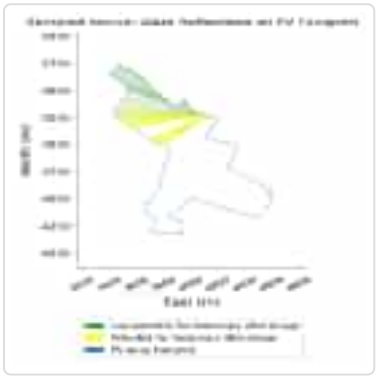
PV array is expected to produce the following glare for this receptor:

- 1,299 minutes of "green" glare with low potential to cause temporary after-image.
- 147 minutes of "yellow" glare with potential to cause temporary after-image.





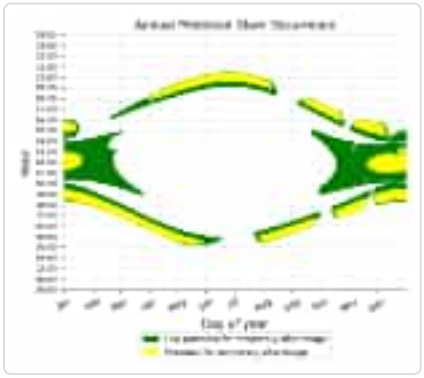


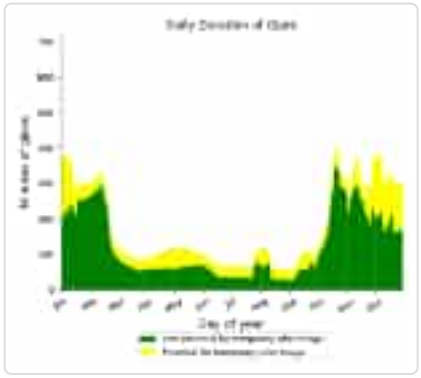


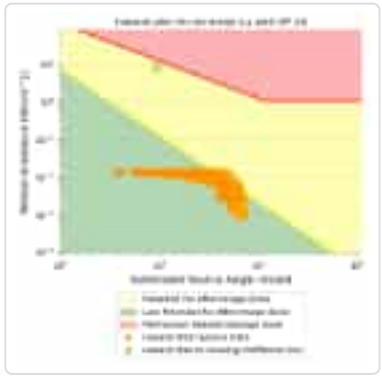
PV array 11: OP 56

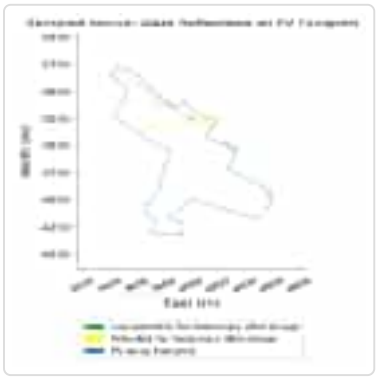
PV array is expected to produce the following glare for this receptor:

- 45,023 minutes of "green" glare with low potential to cause temporary after-image.
- 19,123 minutes of "yellow" glare with potential to cause temporary after-image.





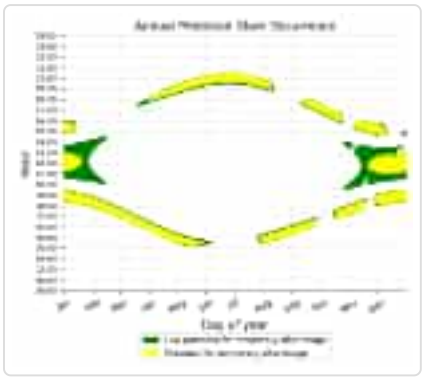


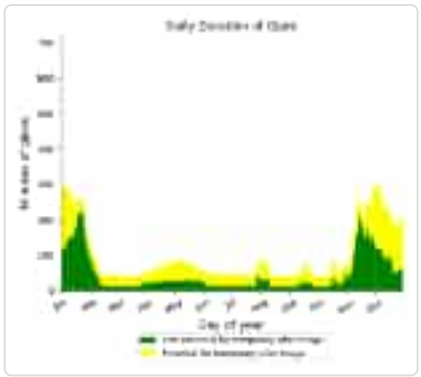


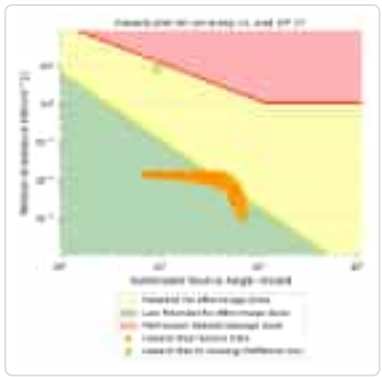
PV array 11: OP 57

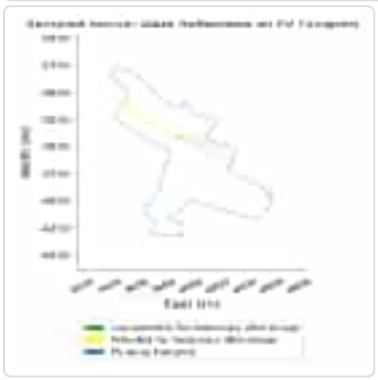
PV array is expected to produce the following glare for this receptor:

- 16,732 minutes of "green" glare with low potential to cause temporary after-image.
- 18,905 minutes of "yellow" glare with potential to cause temporary after-image.





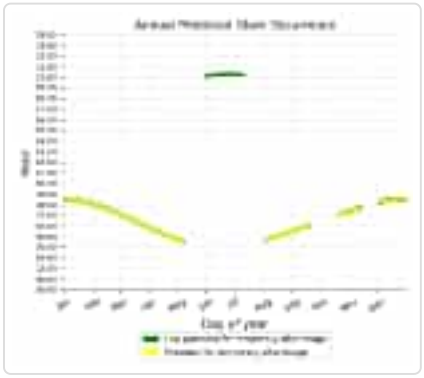


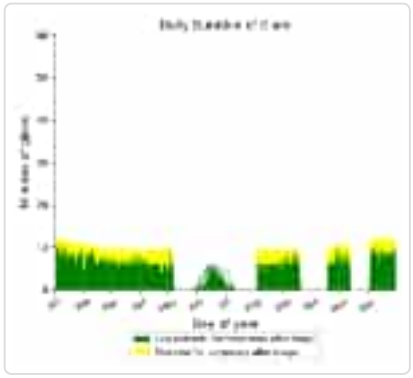


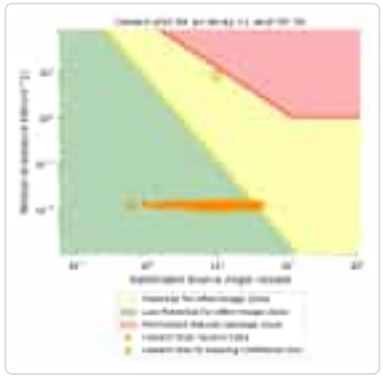
PV array 11: OP 58

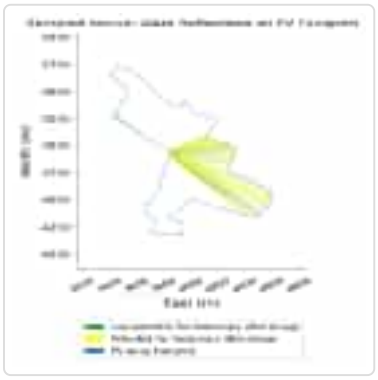
PV array is expected to produce the following glare for this receptor:

- 1,722 minutes of "green" glare with low potential to cause temporary after-image.
- 692 minutes of "yellow" glare with potential to cause temporary after-image.





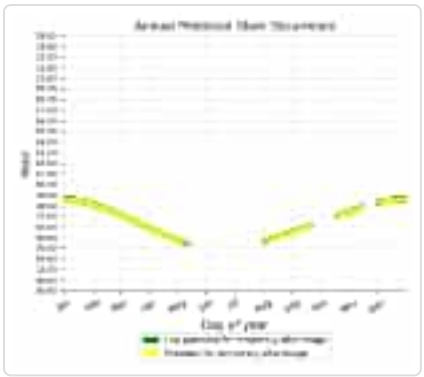


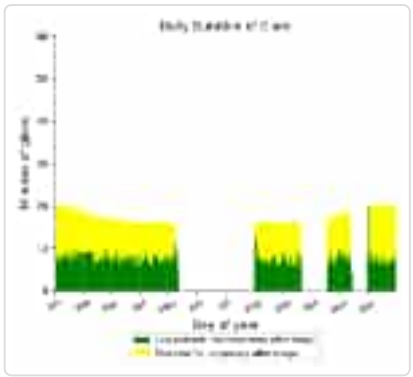


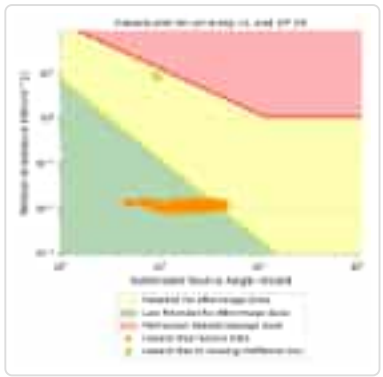
PV array 11: OP 59

PV array is expected to produce the following glare for this receptor:

- 1,858 minutes of "green" glare with low potential to cause temporary after-image.
- 2,298 minutes of "yellow" glare with potential to cause temporary after-image.



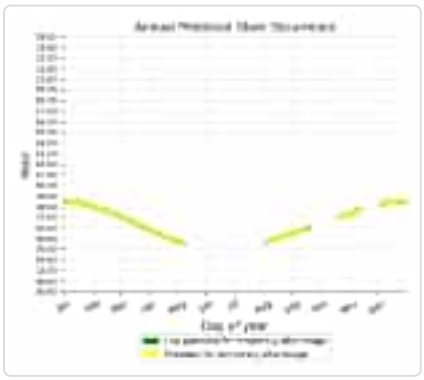


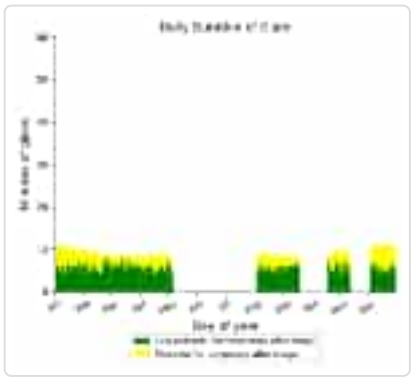


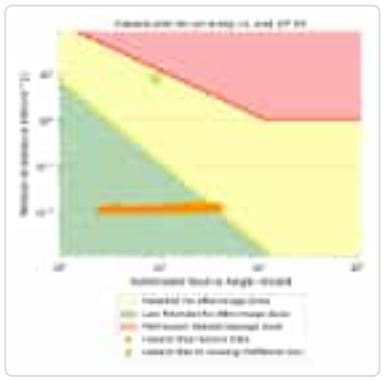
PV array 11: OP 60

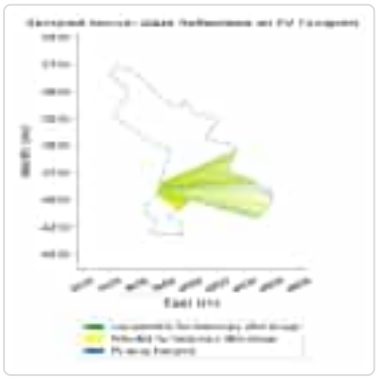
PV array is expected to produce the following glare for this receptor:

- 1,283 minutes of "green" glare with low potential to cause temporary after-image.
- 749 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 61

No glare found

PV array 11: OP 62

No glare found

PV array 11: OP 63

No glare found

PV array 11: OP 64

No glare found

PV array 11: OP 65

No glare found

PV array 11: OP 66

No glare found

PV array 11: OP 67

No glare found

PV array 11: OP 68

No glare found

PV array 11: OP 69

No glare found

PV array 11: OP 70

No glare found

PV array 11: OP 71

No glare found

PV array 11: OP 72

No glare found

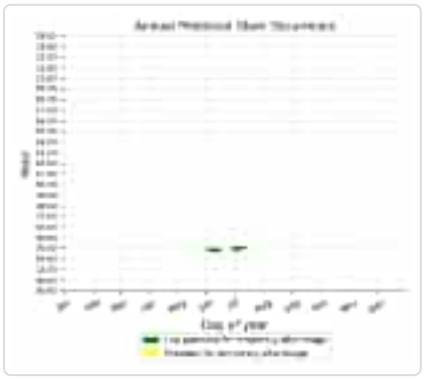
PV array 11: OP 73

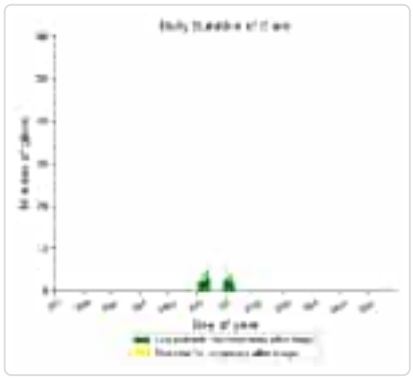
No glare found

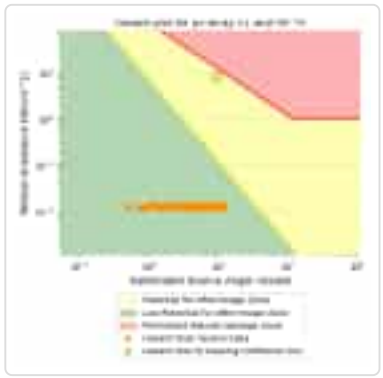
PV array 11: OP 74

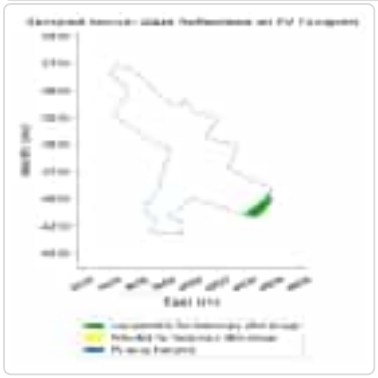
PV array is expected to produce the following glare for this receptor:

- 80 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









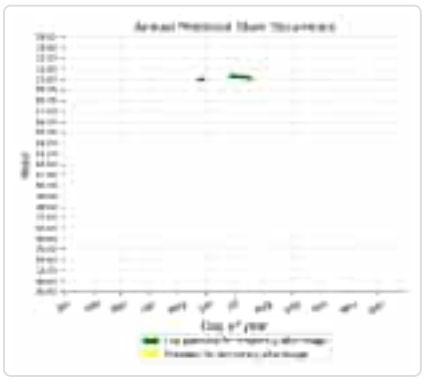
PV array 11: OP 75

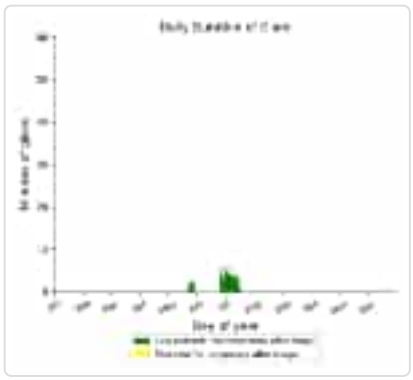
No glare found

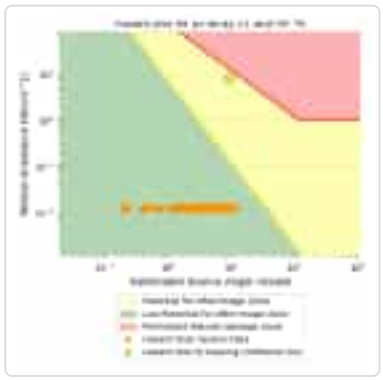
PV array 11: OP 76

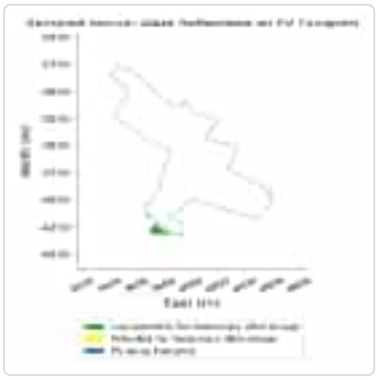
PV array is expected to produce the following glare for this receptor:

- 103 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 11: OP 77

No glare found

PV array 11: OP 78

No glare found

PV array 11: OP 79

No glare found

PV array 12 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	191	0
OP: OP 2	205	0
OP: OP 3	196	0
OP: OP 4	165	0
OP: OP 5	162	0
OP: OP 6	148	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0

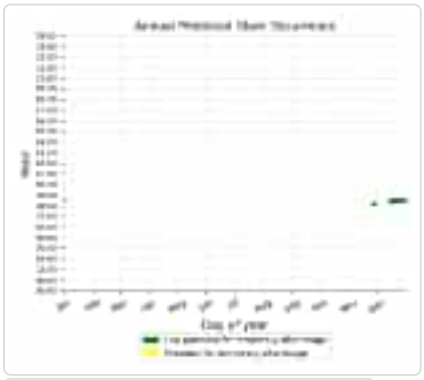
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	56	0
OP: OP 23	64	0
OP: OP 24	47	0
OP: OP 25	100	0
OP: OP 26	175	0
OP: OP 27	216	0
OP: OP 28	212	0
OP: OP 29	209	0
OP: OP 30	186	0
OP: OP 31	135	0
OP: OP 32	127	0
OP: OP 33	100	0
OP: OP 34	85	0
OP: OP 35	155	0
OP: OP 36	120	0
OP: OP 37	134	0
OP: OP 38	138	0
OP: OP 39	242	0
OP: OP 40	239	0
OP: OP 41	28	0
OP: OP 42	47	0
OP: OP 43	57	0
OP: OP 44	68	0
OP: OP 45	140	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	21	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	138	0
OP: OP 57	237	0
OP: OP 58	290	0
OP: OP 59	238	0
OP: OP 60	100	0
OP: OP 61	286	0
OP: OP 62	265	0
OP: OP 63	131	0
OP: OP 64	86	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0

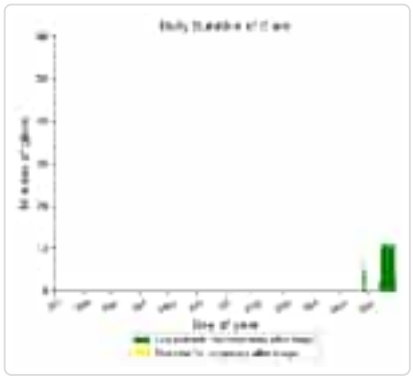
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

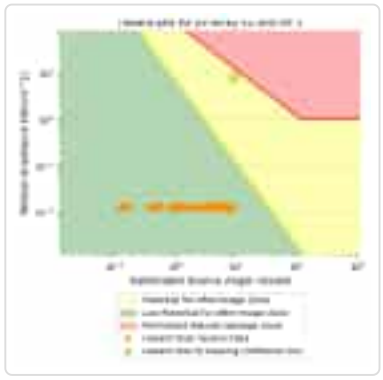
PV array 12: OP 1

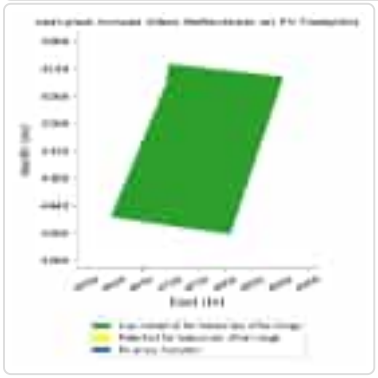
PV array is expected to produce the following glare for this receptor:

- 191 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





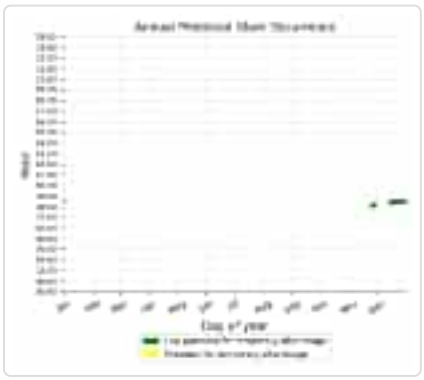


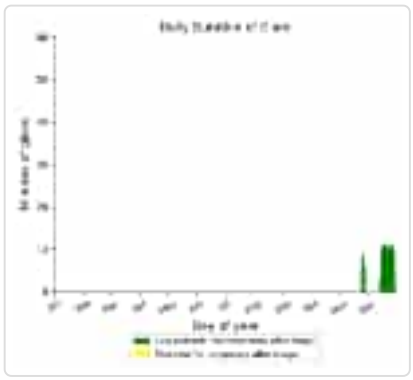


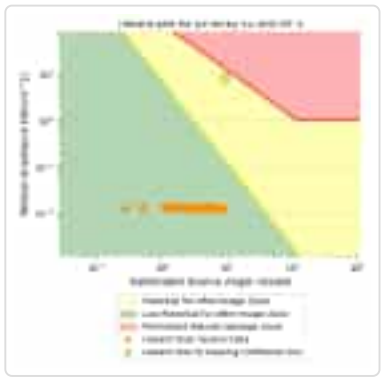
PV array 12: OP 2

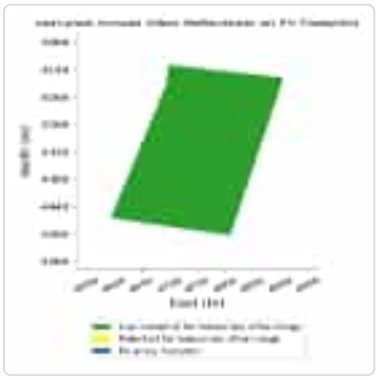
PV array is expected to produce the following glare for this receptor:

- 205 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





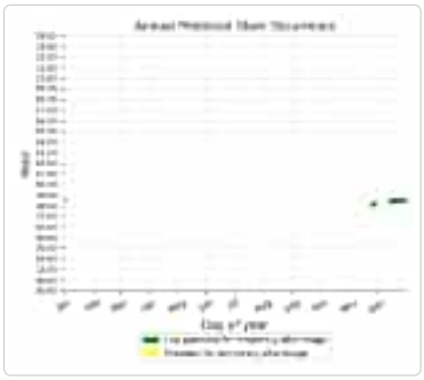


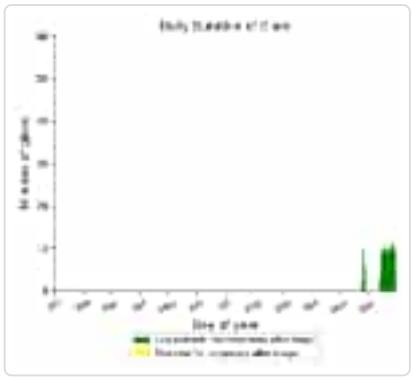


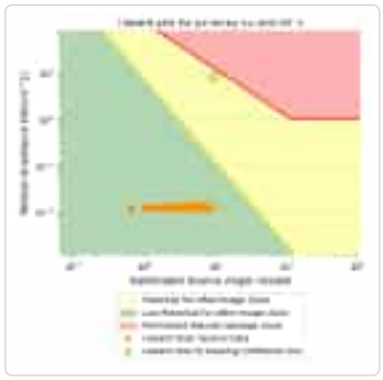
PV array 12: OP 3

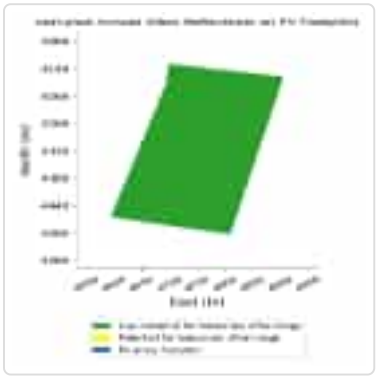
PV array is expected to produce the following glare for this receptor:

- 196 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





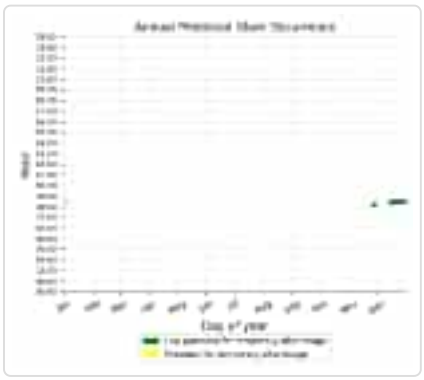


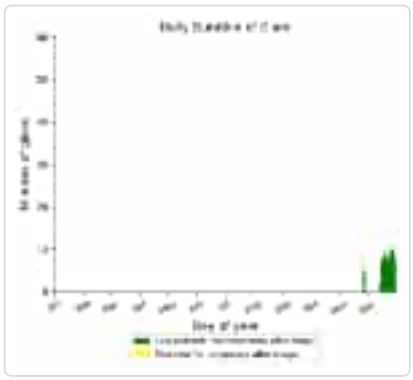


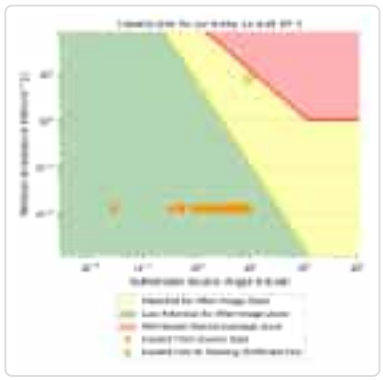
PV array 12: OP 4

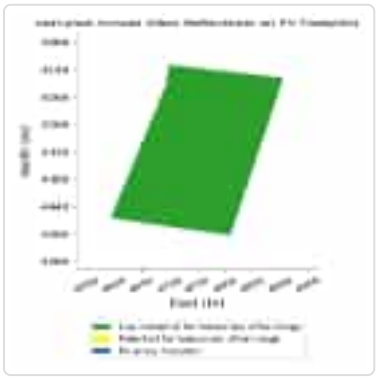
PV array is expected to produce the following glare for this receptor:

- 165 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





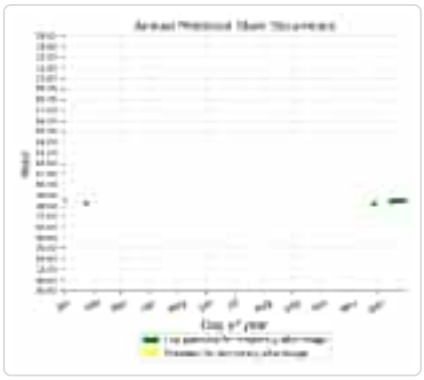


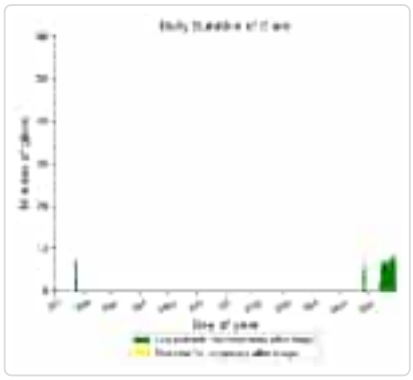


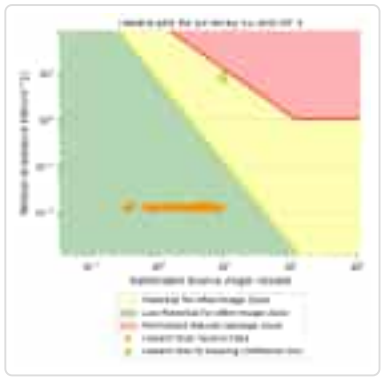
PV array 12: OP 5

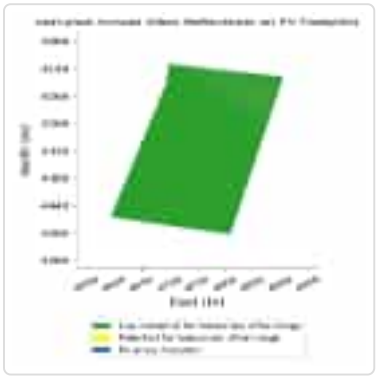
PV array is expected to produce the following glare for this receptor:

- 162 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





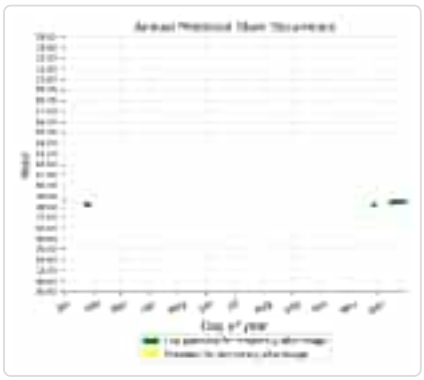


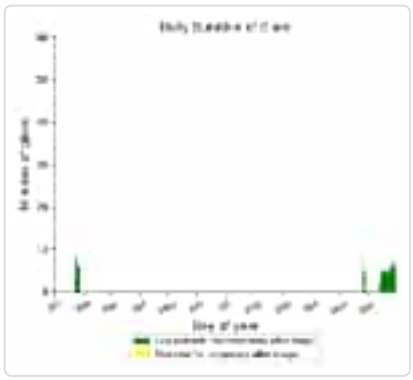


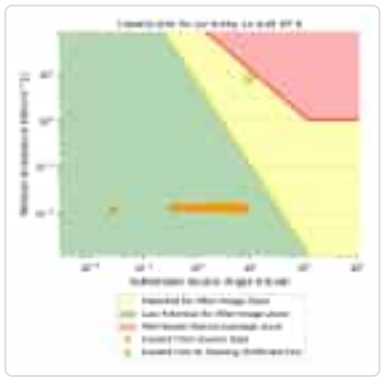
PV array 12: OP 6

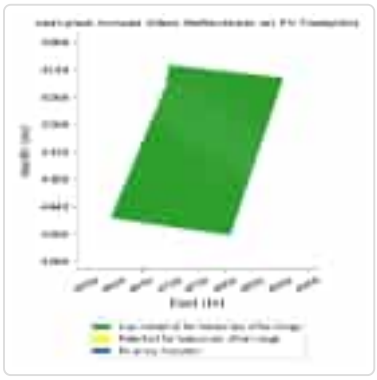
PV array is expected to produce the following glare for this receptor:

- 148 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12: OP 7

No glare found

PV array 12: OP 8

No glare found

PV array 12: OP 9

No glare found

PV array 12: OP 10

No glare found

PV array 12: OP 11

No glare found

PV array 12: OP 12

No glare found

PV array 12: OP 13

No glare found

PV array 12: OP 14

No glare found

PV array 12: OP 15

No glare found

PV array 12: OP 16

No glare found

PV array 12: OP 17

No glare found

PV array 12: OP 18

No glare found

PV array 12: OP 19

No glare found

PV array 12: OP 20

No glare found

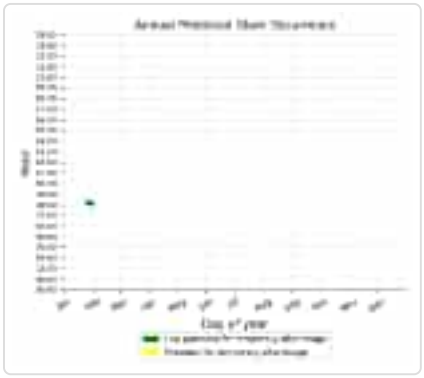
PV array 12: OP 21

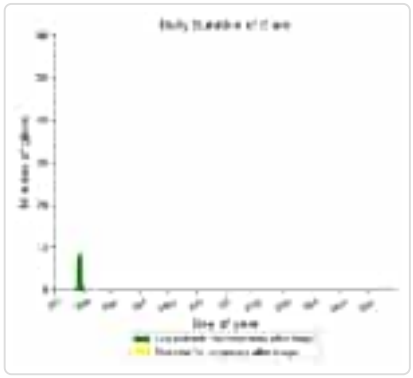
No glare found

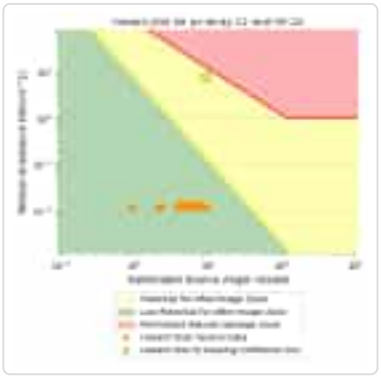
PV array 12: OP 22

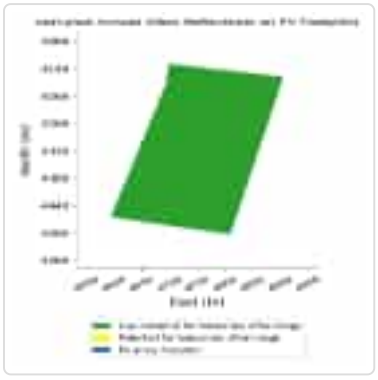
PV array is expected to produce the following glare for this receptor:

- 56 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





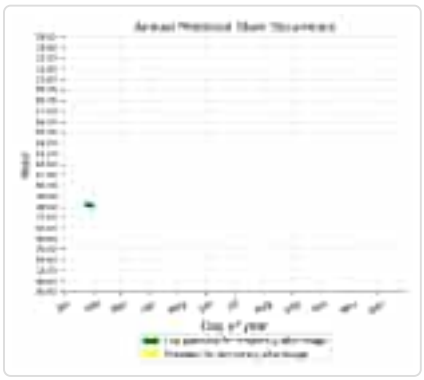


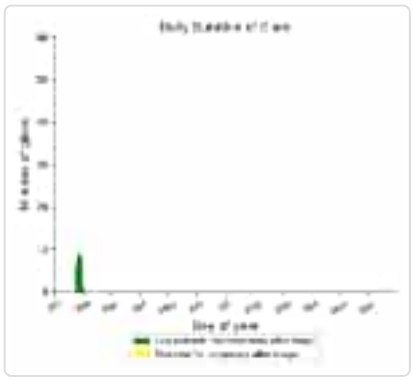


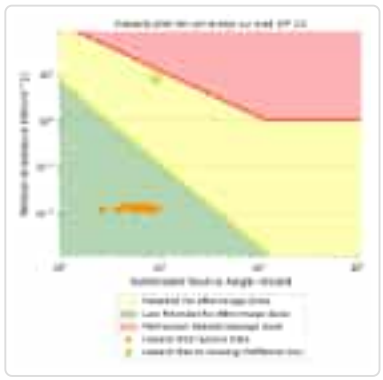
PV array 12: OP 23

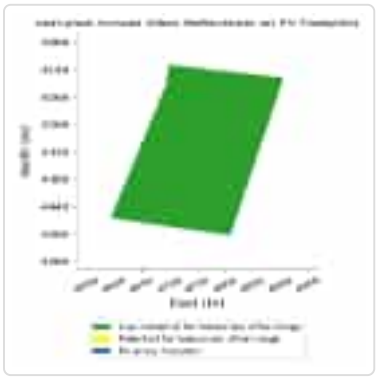
PV array is expected to produce the following glare for this receptor:

- 64 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





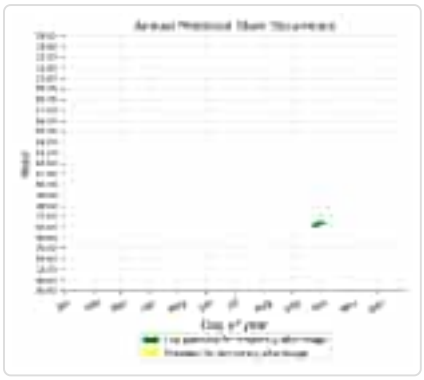


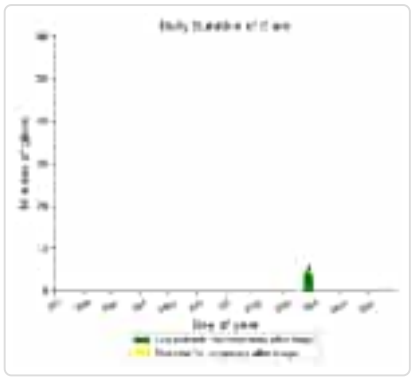


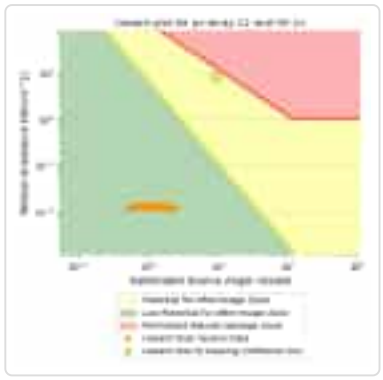
PV array 12: OP 24

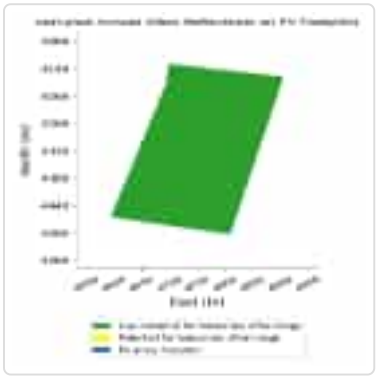
PV array is expected to produce the following glare for this receptor:

- 47 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





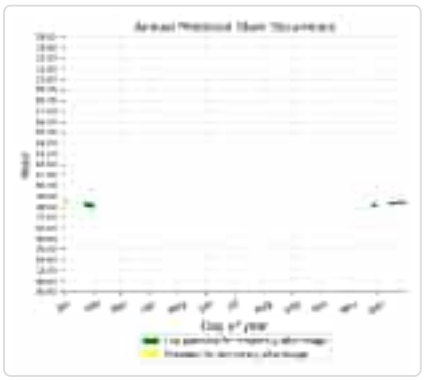


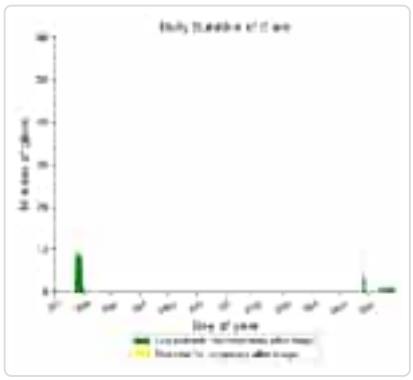


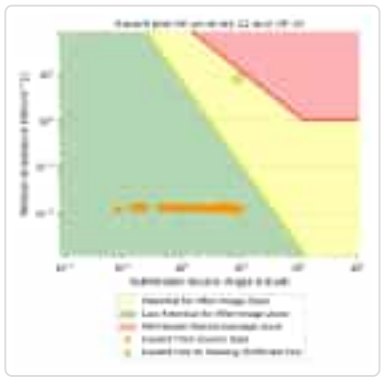
PV array 12: OP 25

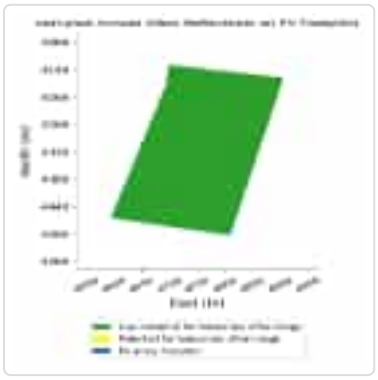
PV array is expected to produce the following glare for this receptor:

- 100 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





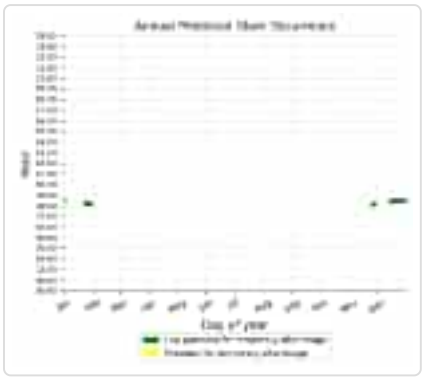


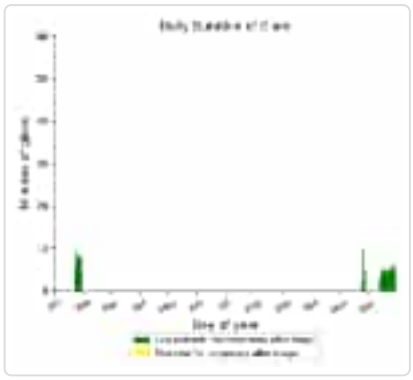


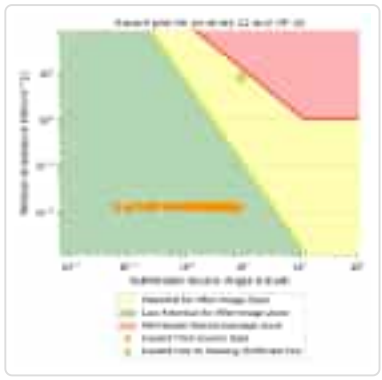
PV array 12: OP 26

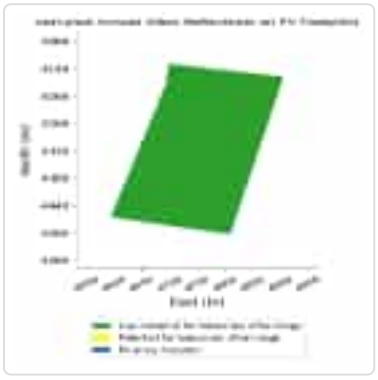
PV array is expected to produce the following glare for this receptor:

- 175 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





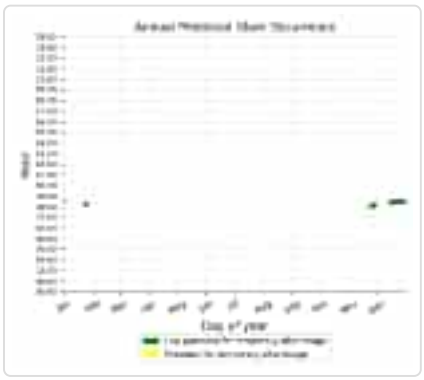


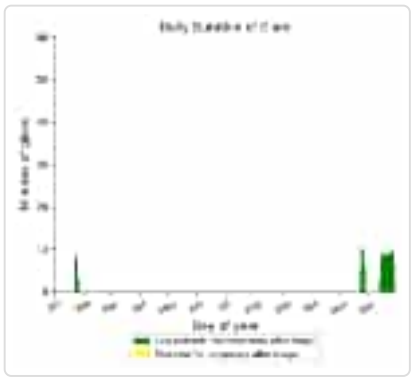


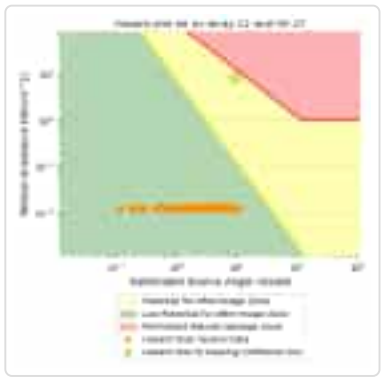
PV array 12: OP 27

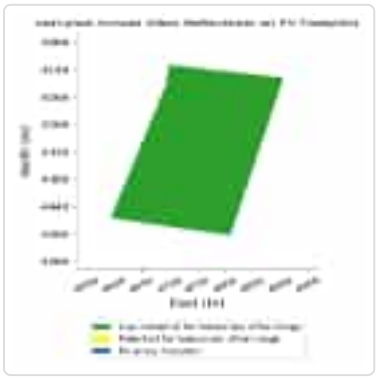
PV array is expected to produce the following glare for this receptor:

- 216 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





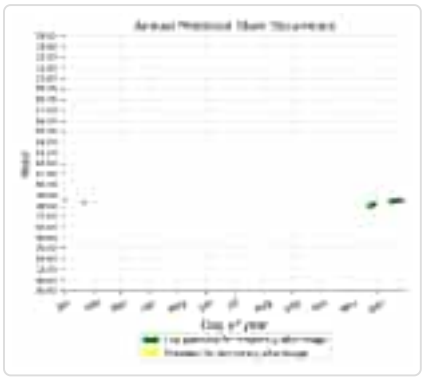


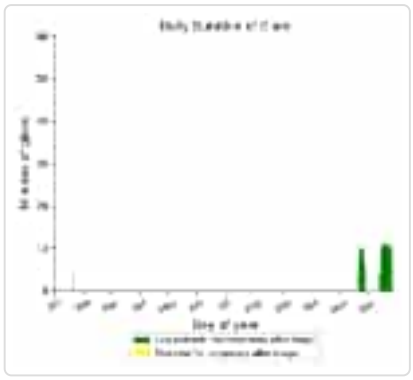


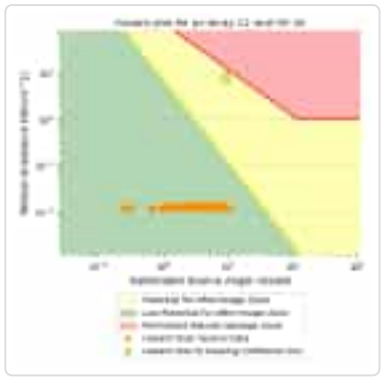
PV array 12: OP 28

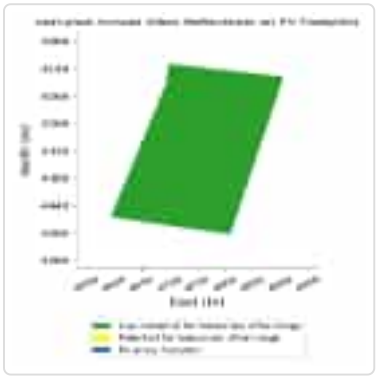
PV array is expected to produce the following glare for this receptor:

- 212 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





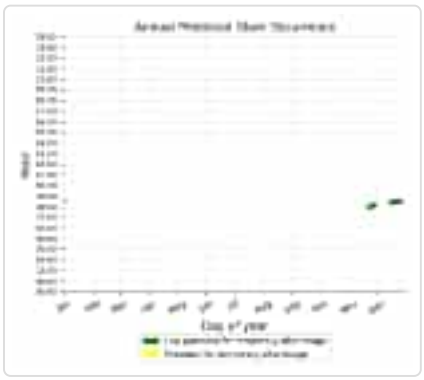


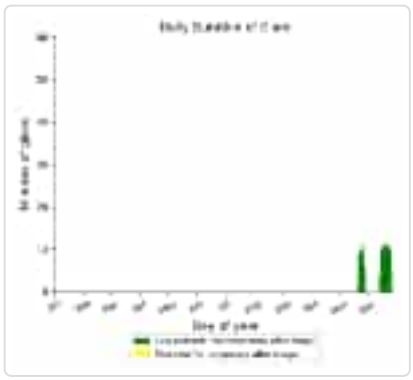


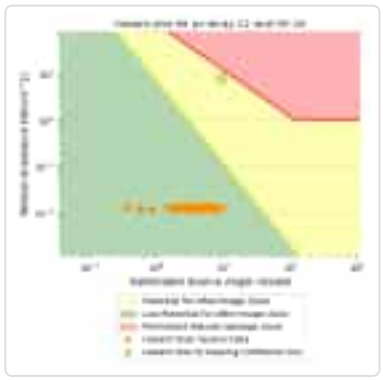
PV array 12: OP 29

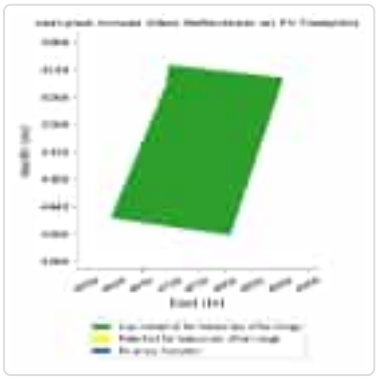
PV array is expected to produce the following glare for this receptor:

- 209 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





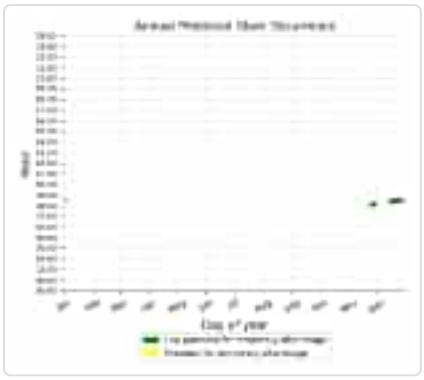


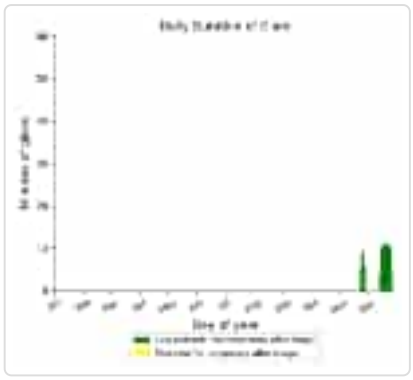


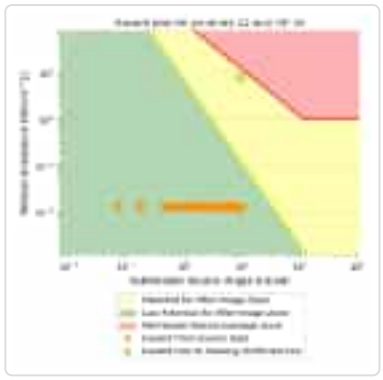
PV array 12: OP 30

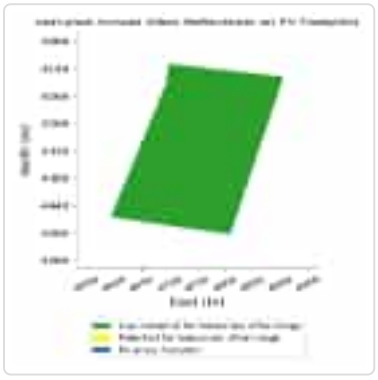
PV array is expected to produce the following glare for this receptor:

- 186 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





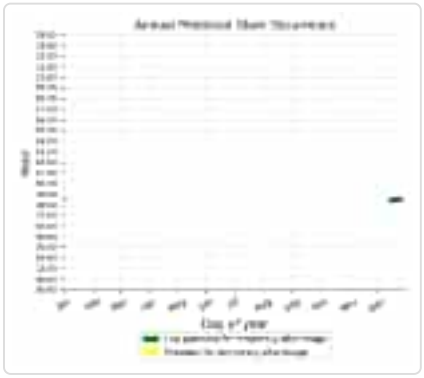


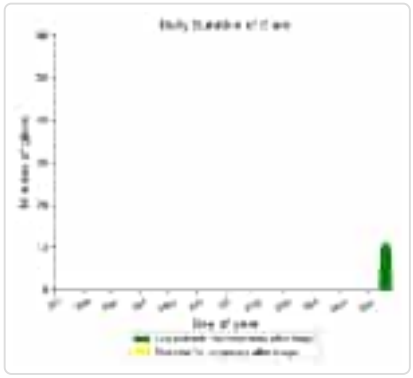


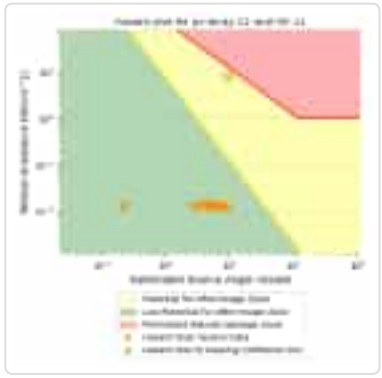
PV array 12: OP 31

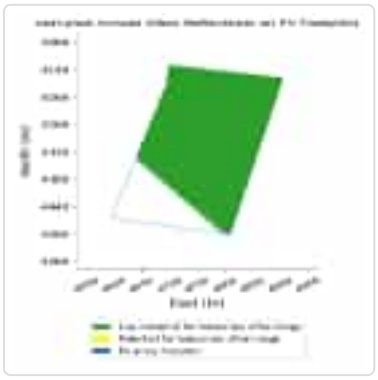
PV array is expected to produce the following glare for this receptor:

- 135 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





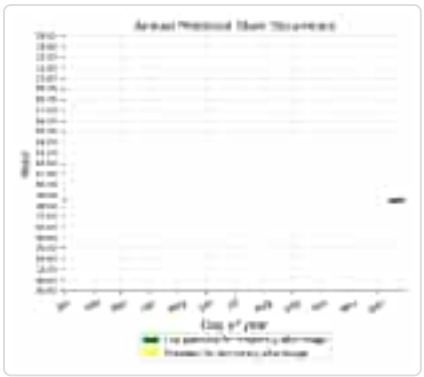


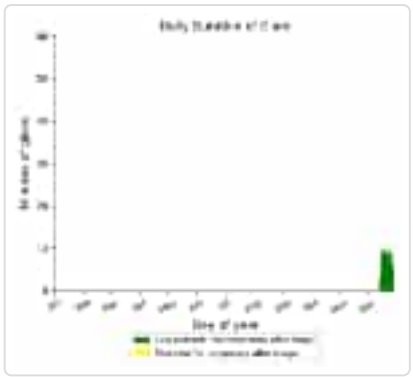


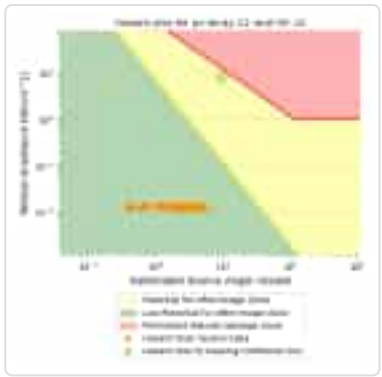
PV array 12: OP 32

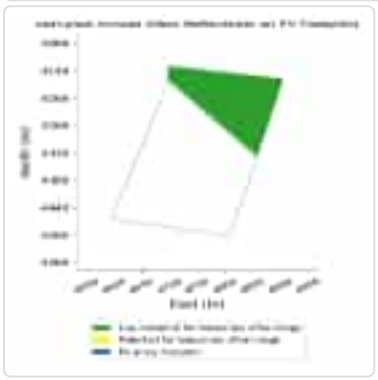
PV array is expected to produce the following glare for this receptor:

- 127 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





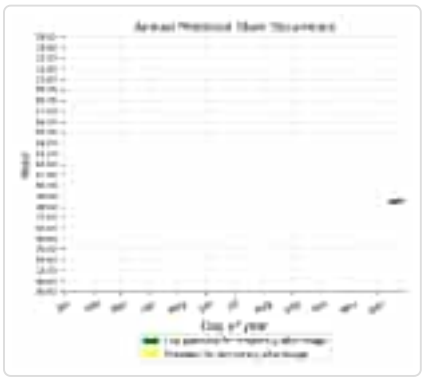


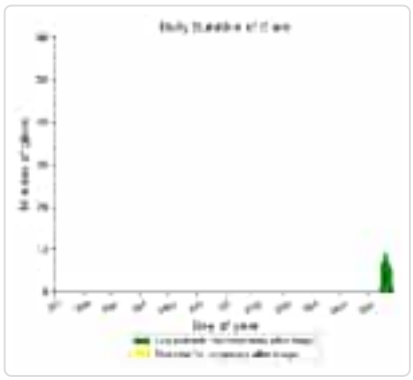


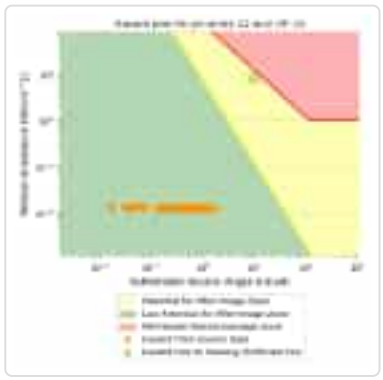
PV array 12: OP 33

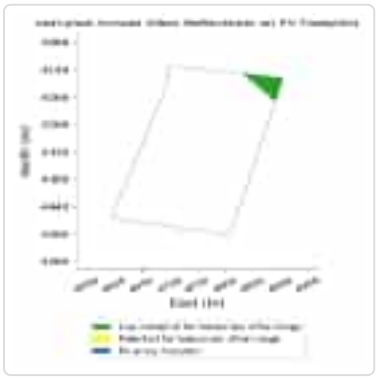
PV array is expected to produce the following glare for this receptor:

- 100 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





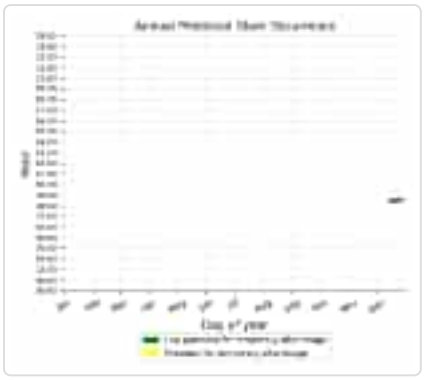


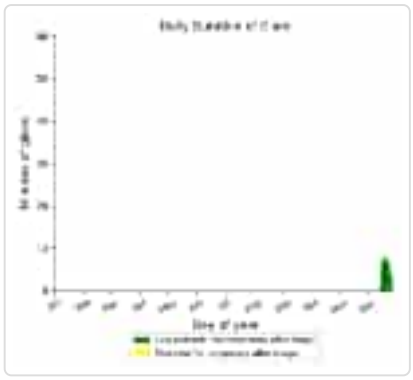


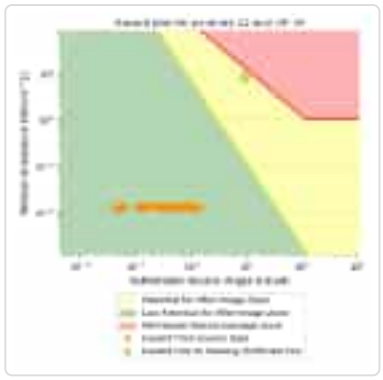
PV array 12: OP 34

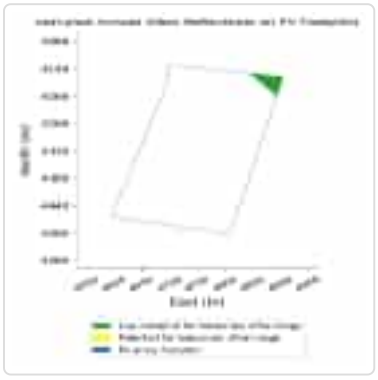
PV array is expected to produce the following glare for this receptor:

- 85 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





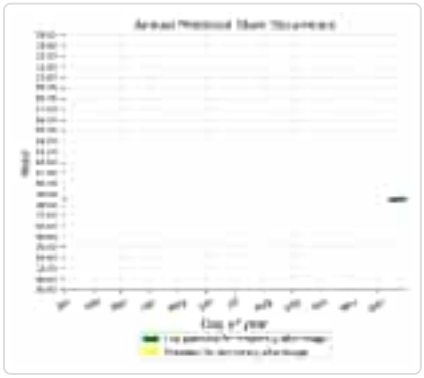


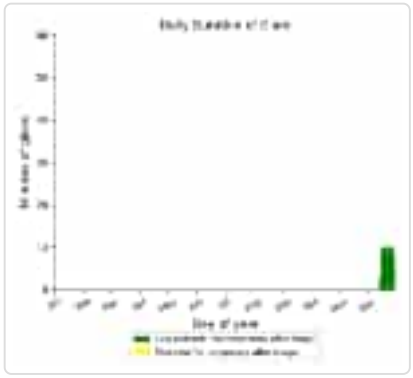


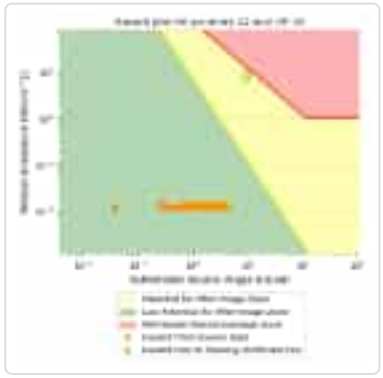
PV array 12: OP 35

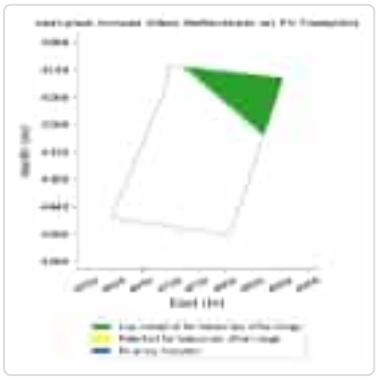
PV array is expected to produce the following glare for this receptor:

- 155 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





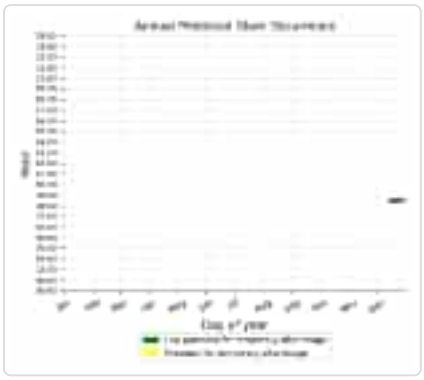


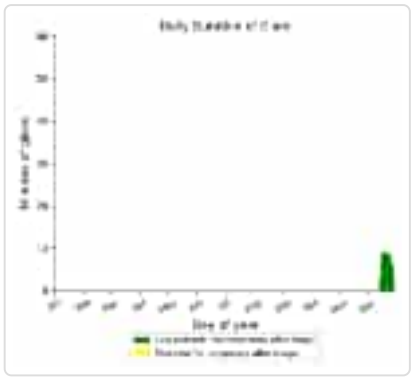


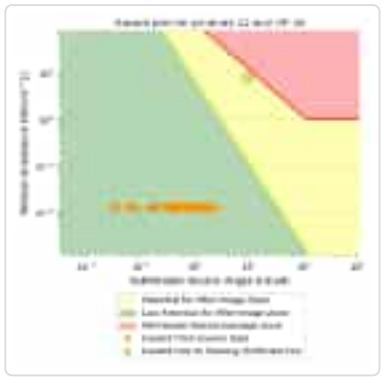
PV array 12: OP 36

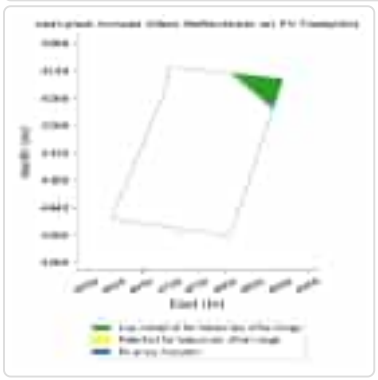
PV array is expected to produce the following glare for this receptor:

- 120 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





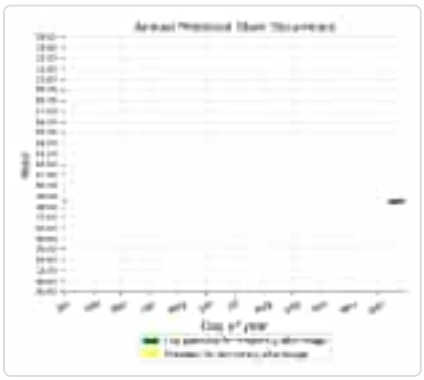


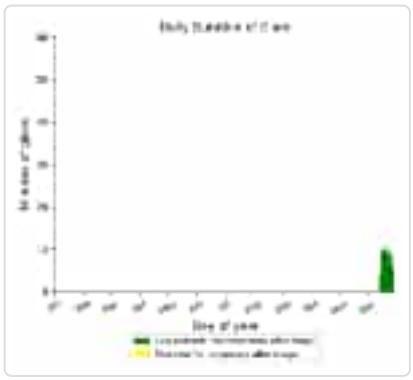


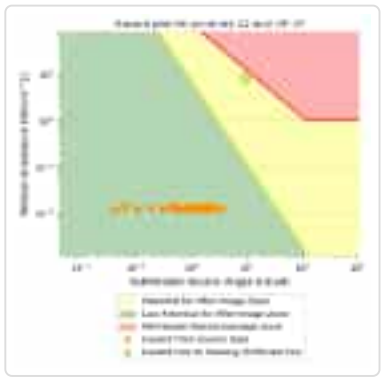
PV array 12: OP 37

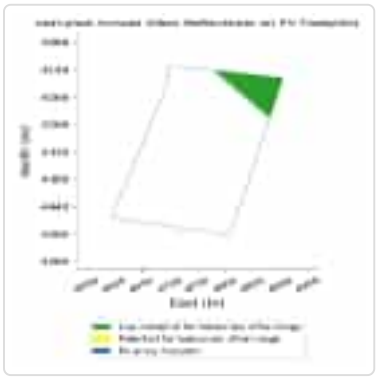
PV array is expected to produce the following glare for this receptor:

- 134 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





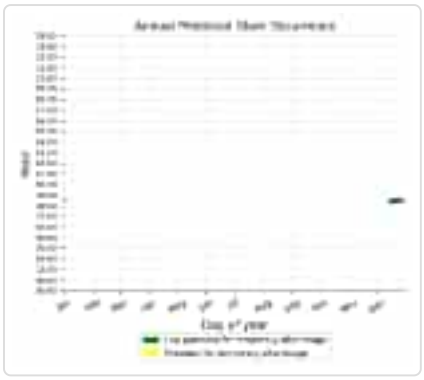


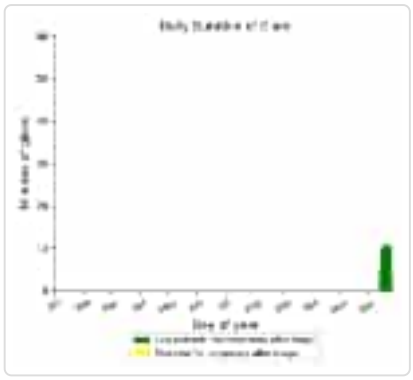


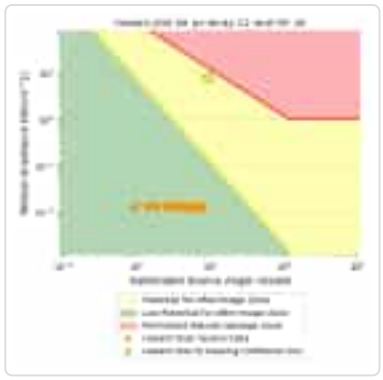
PV array 12: OP 38

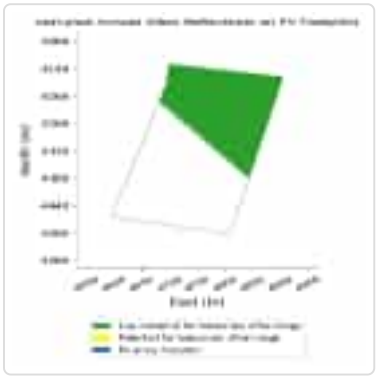
PV array is expected to produce the following glare for this receptor:

- 138 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





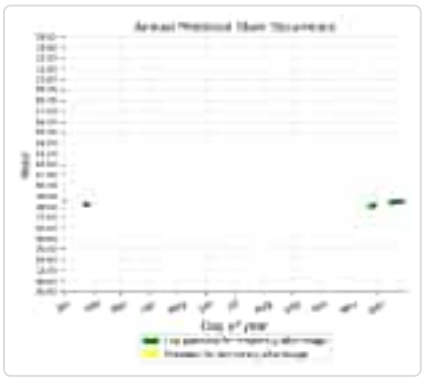


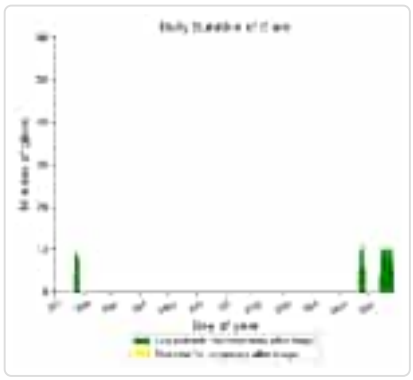


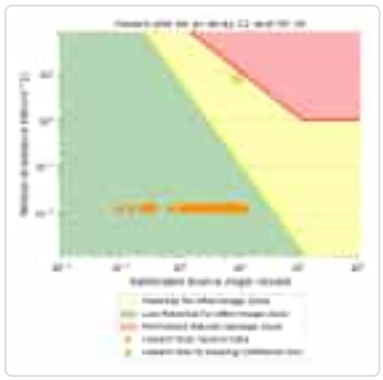
PV array 12: OP 39

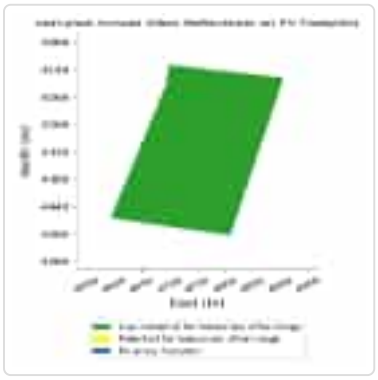
PV array is expected to produce the following glare for this receptor:

- 242 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





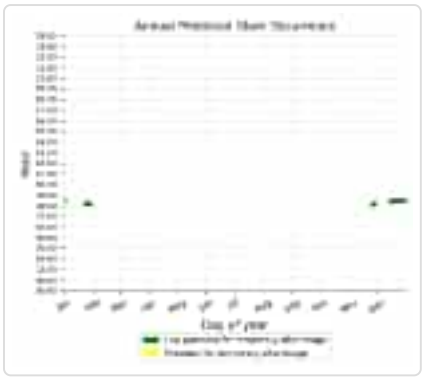


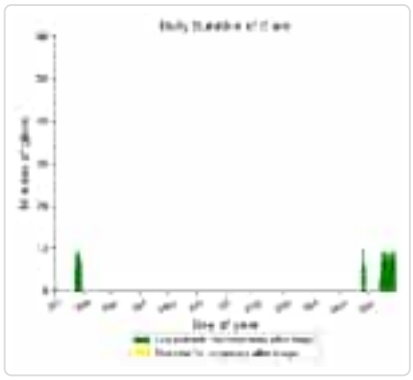


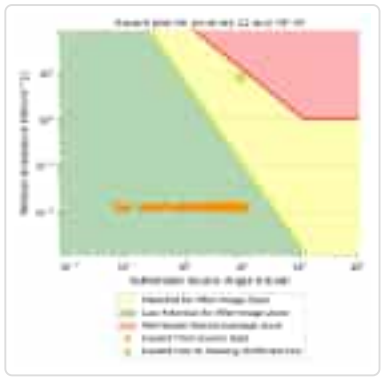
PV array 12: OP 40

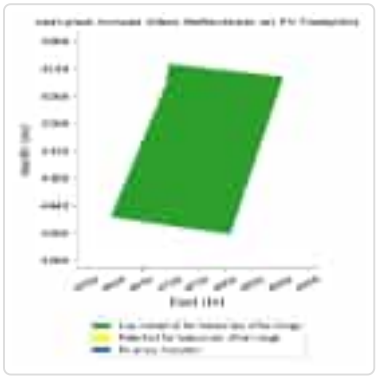
PV array is expected to produce the following glare for this receptor:

- 239 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





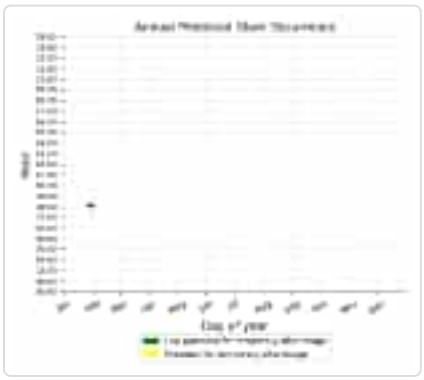


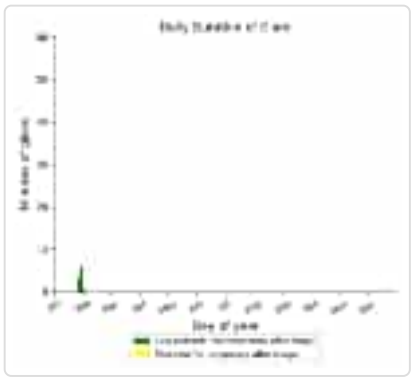


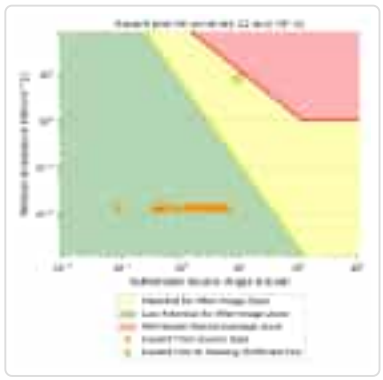
PV array 12: OP 41

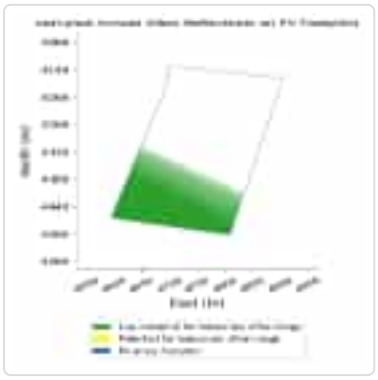
PV array is expected to produce the following glare for this receptor:

- 28 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





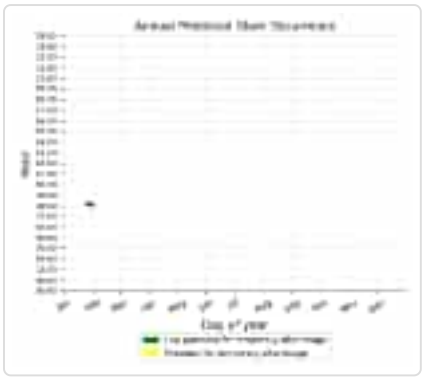


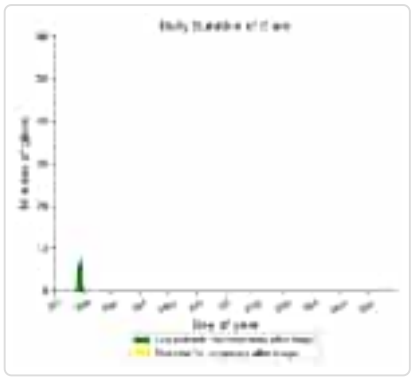


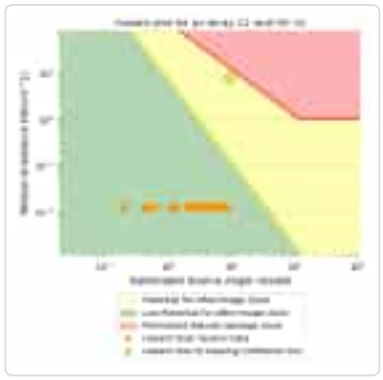
PV array 12: OP 42

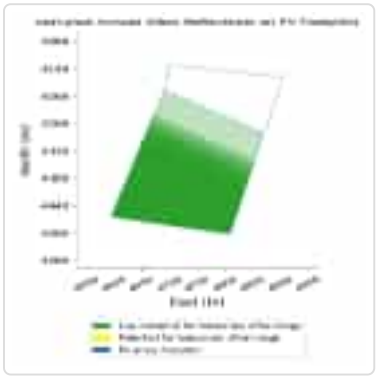
PV array is expected to produce the following glare for this receptor:

- 47 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





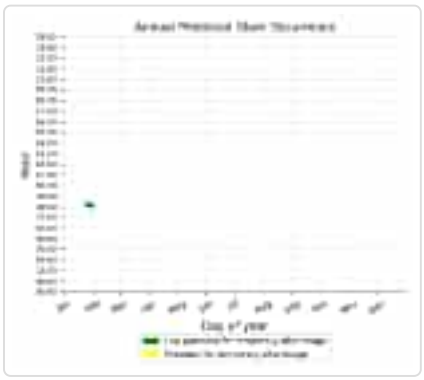


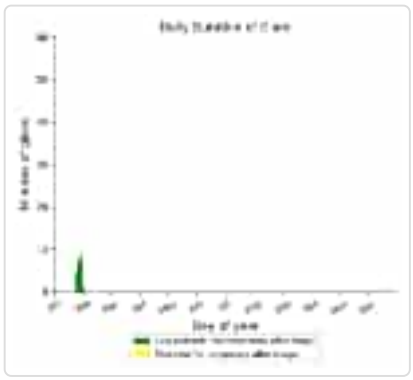


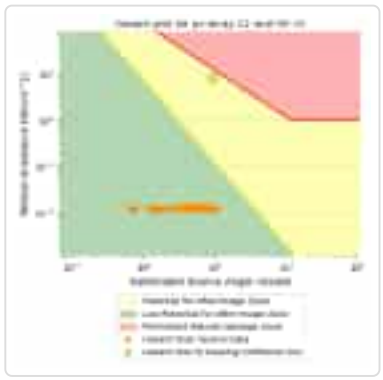
PV array 12: OP 43

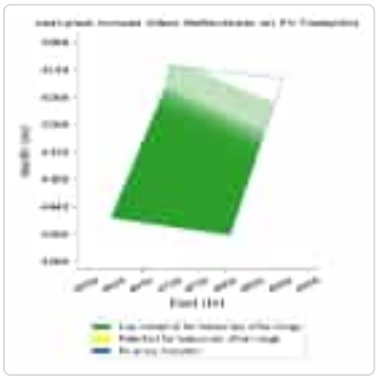
PV array is expected to produce the following glare for this receptor:

- 57 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





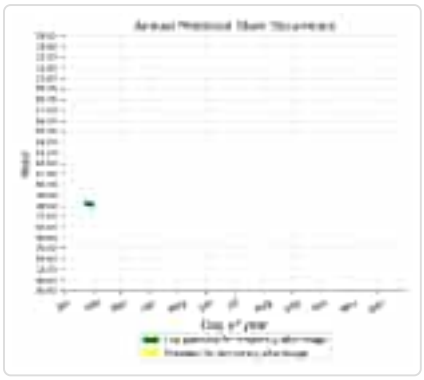


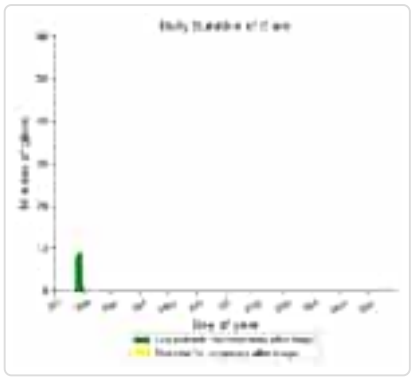


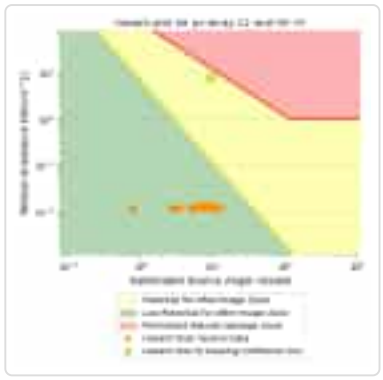
PV array 12: OP 44

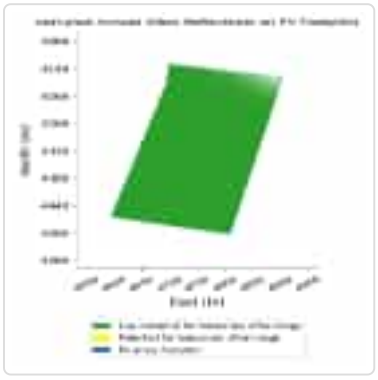
PV array is expected to produce the following glare for this receptor:

- 68 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





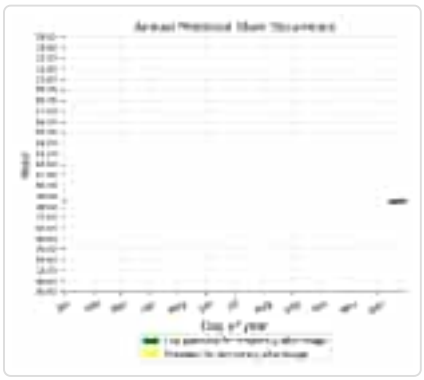


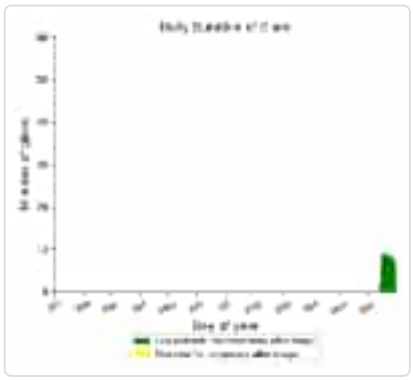


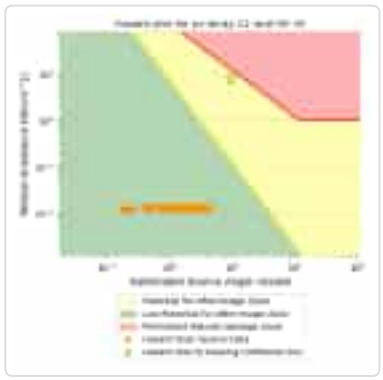
PV array 12: OP 45

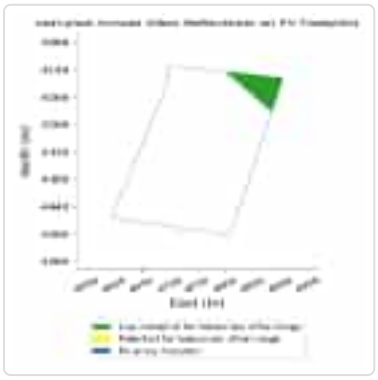
PV array is expected to produce the following glare for this receptor:

- 140 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12: OP 46

No glare found

PV array 12: OP 47

No glare found

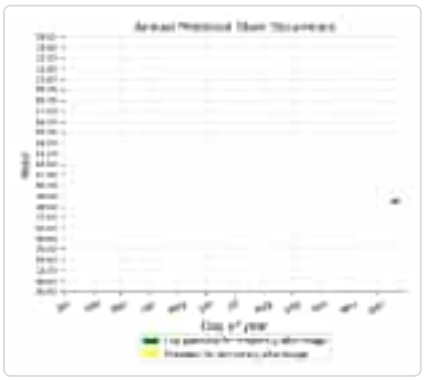
PV array 12: OP 48

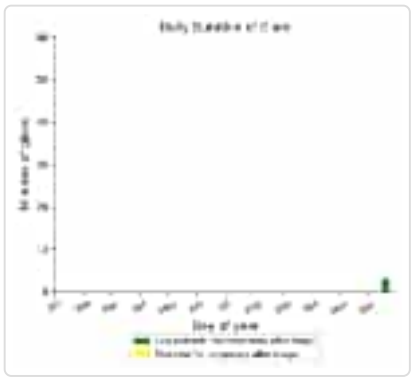
No glare found

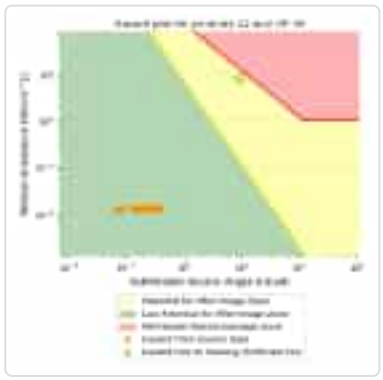
PV array 12: OP 49

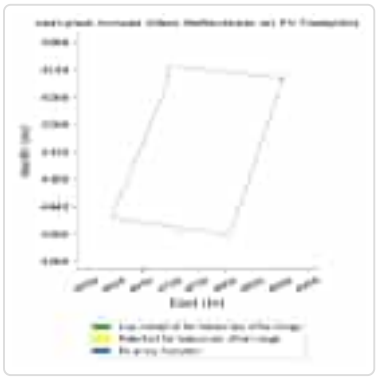
PV array is expected to produce the following glare for this receptor:

- 21 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12: OP 50

No glare found

PV array 12: OP 51

No glare found

PV array 12: OP 52

No glare found

PV array 12: OP 53

No glare found

PV array 12: OP 54

No glare found

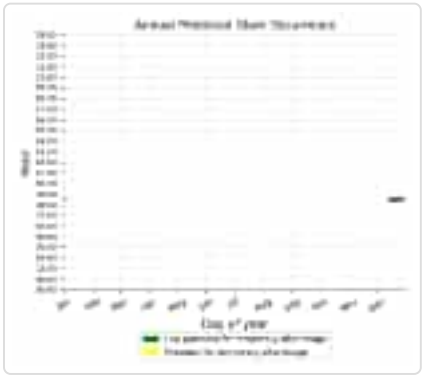
PV array 12: OP 55

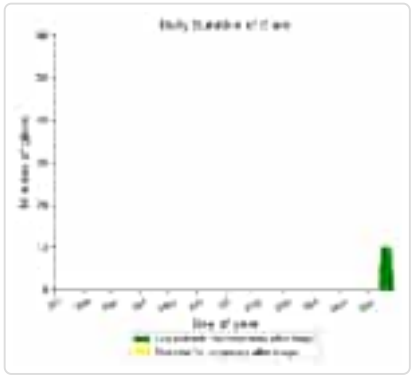
No glare found

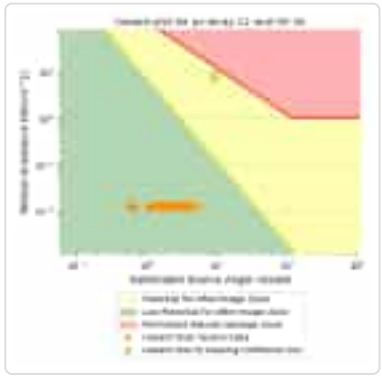
PV array 12: OP 56

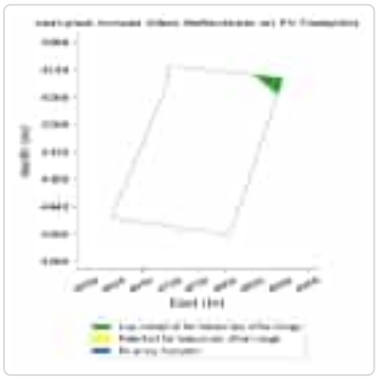
PV array is expected to produce the following glare for this receptor:

- 138 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





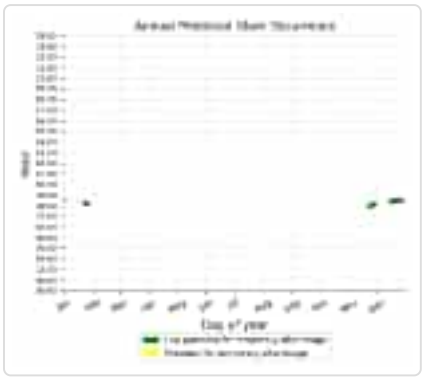


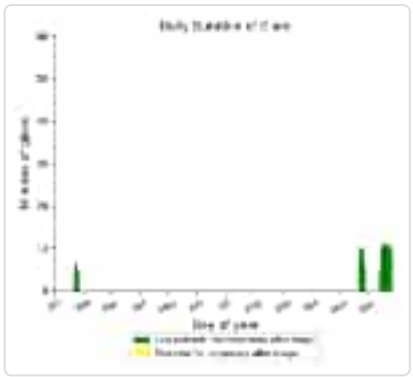


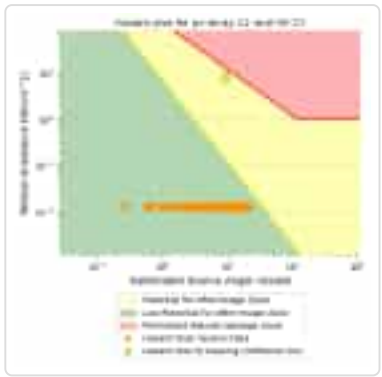
PV array 12: OP 57

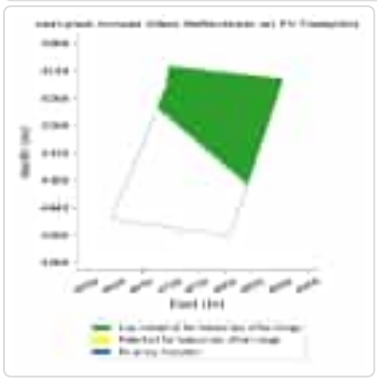
PV array is expected to produce the following glare for this receptor:

- 237 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





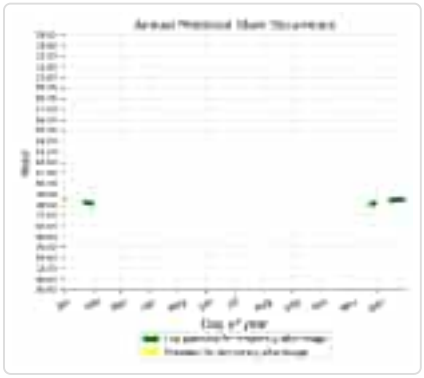


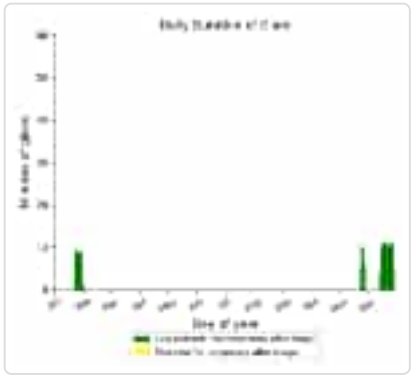


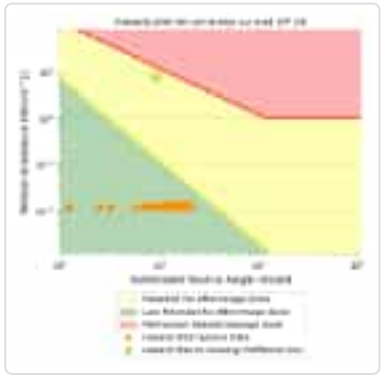
PV array 12: OP 58

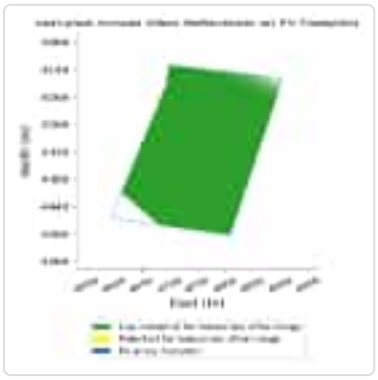
PV array is expected to produce the following glare for this receptor:

- 290 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





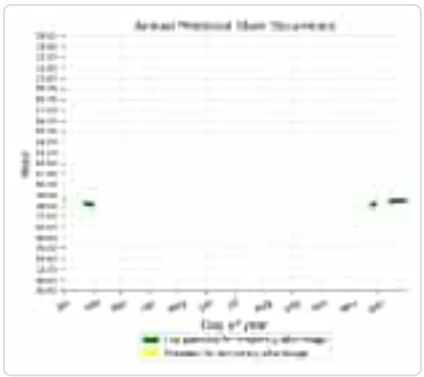


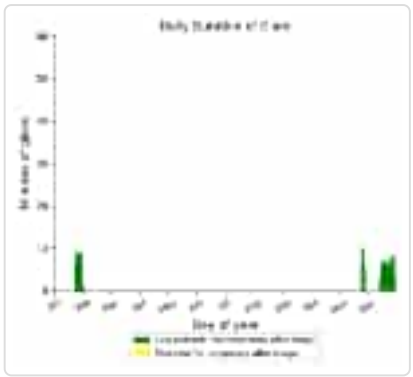


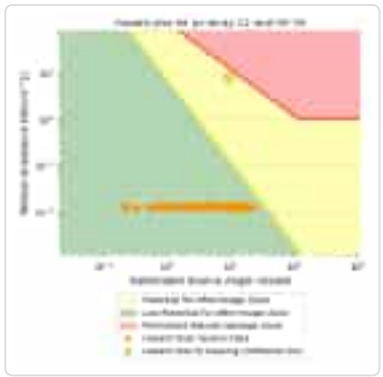
PV array 12: OP 59

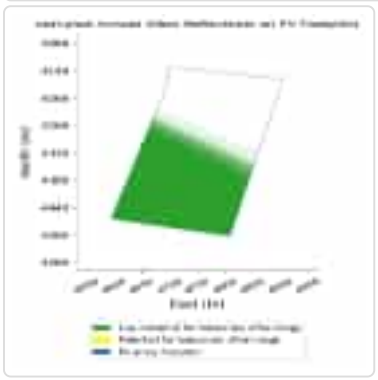
PV array is expected to produce the following glare for this receptor:

- 238 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





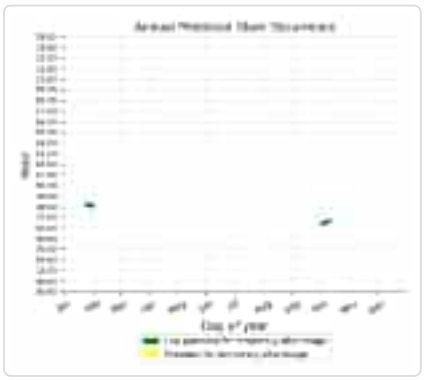


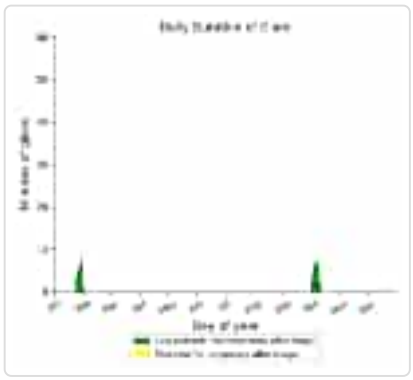


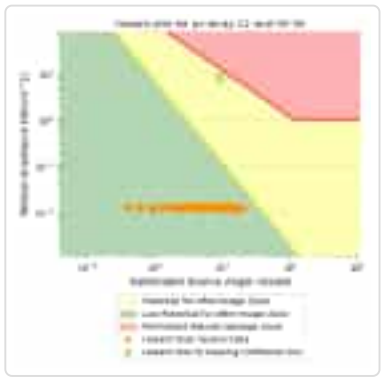
PV array 12: OP 60

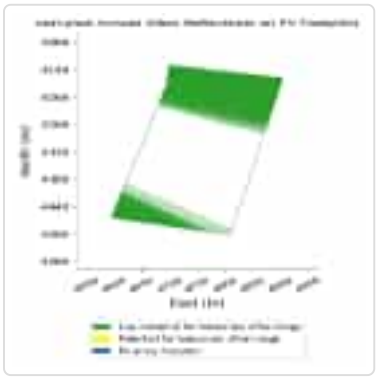
PV array is expected to produce the following glare for this receptor:

- 100 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





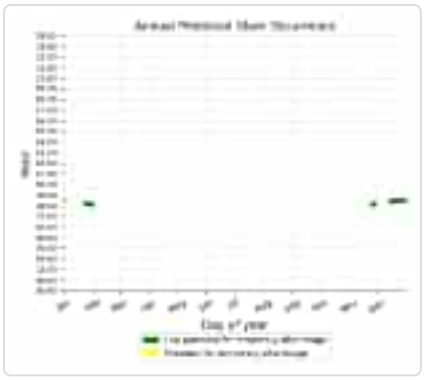


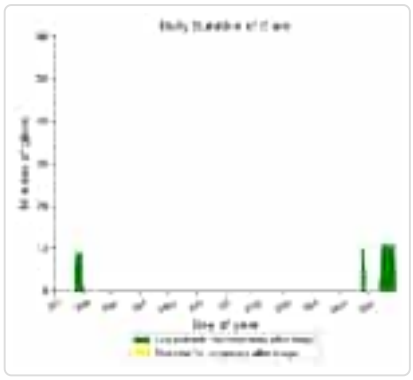


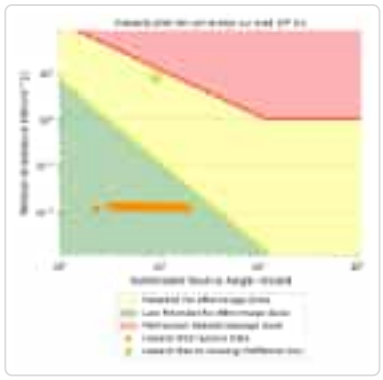
PV array 12: OP 61

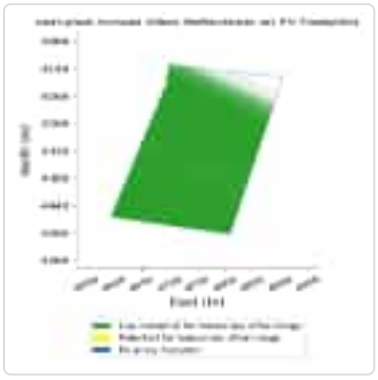
PV array is expected to produce the following glare for this receptor:

- 286 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





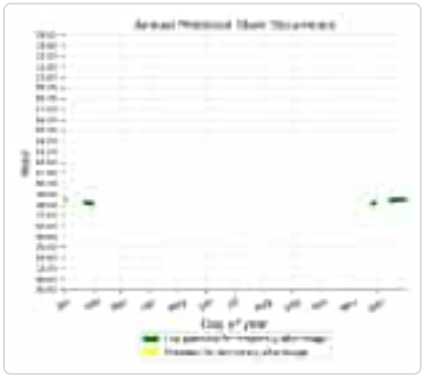


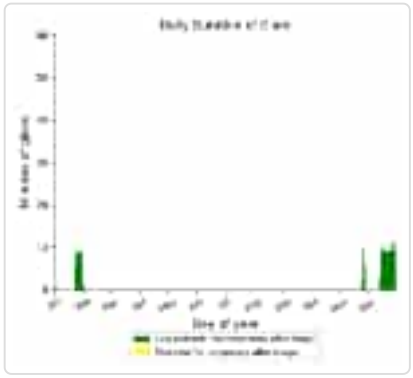


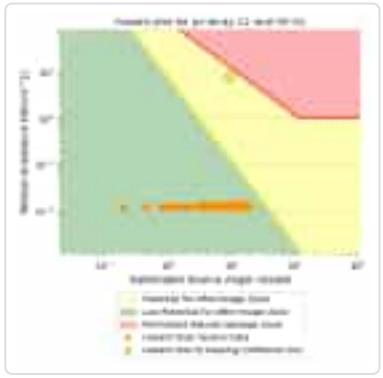
PV array 12: OP 62

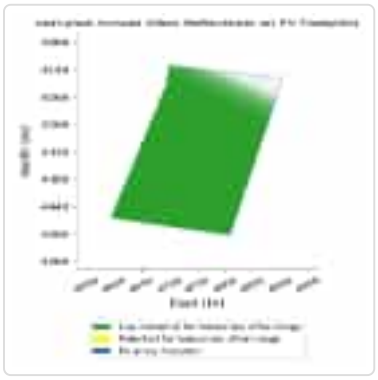
PV array is expected to produce the following glare for this receptor:

- 265 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





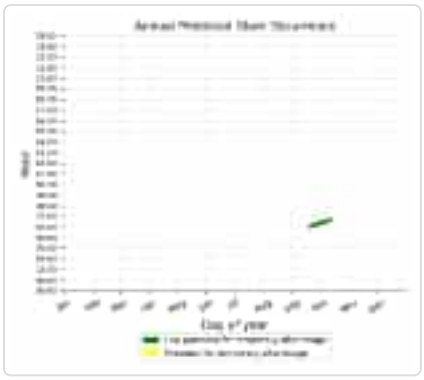


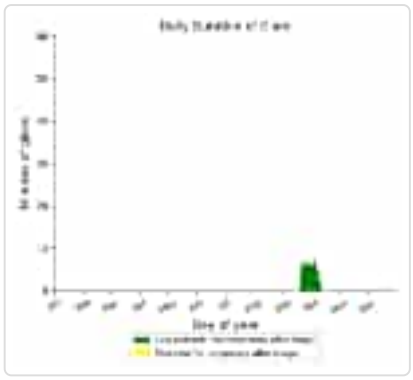


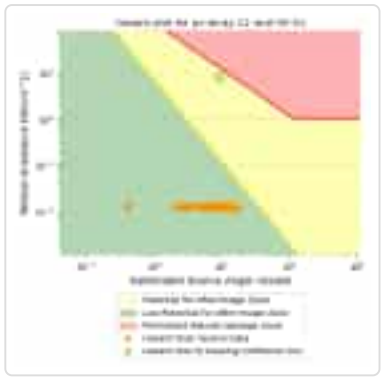
PV array 12: OP 63

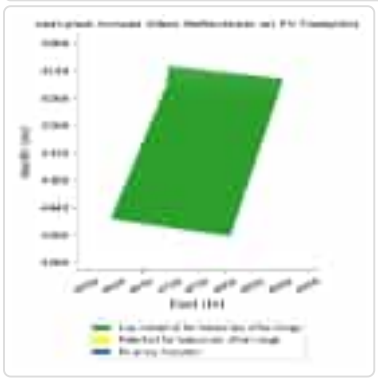
PV array is expected to produce the following glare for this receptor:

- 131 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





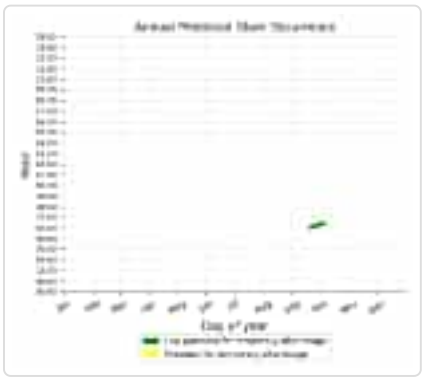


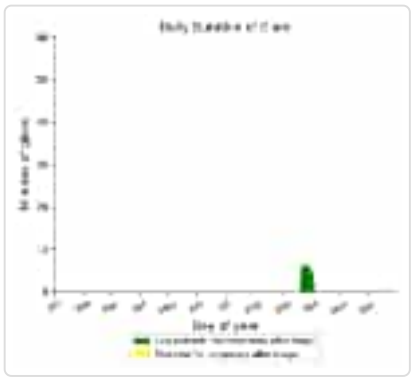


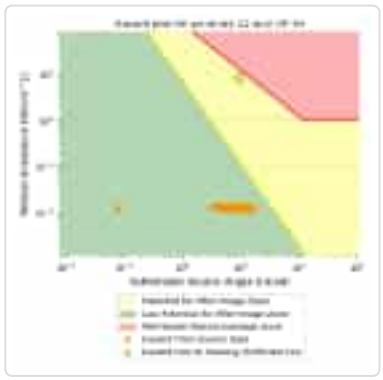
PV array 12: OP 64

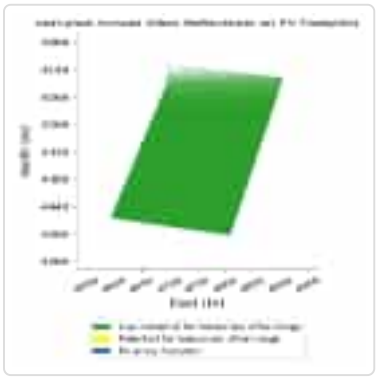
PV array is expected to produce the following glare for this receptor:

- 86 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 12: OP 65

No glare found

PV array 12: OP 66

No glare found

PV array 12: OP 67

No glare found

PV array 12: OP 68

No glare found

PV array 12: OP 69

No glare found

PV array 12: OP 70

No glare found

PV array 12: OP 71

No glare found

PV array 12: OP 72

No glare found

PV array 12: OP 73

No glare found

PV array 12: OP 74

No glare found

PV array 12: OP 75

No glare found

PV array 12: OP 76

No glare found

PV array 12: OP 77

No glare found

PV array 12: OP 78

No glare found

PV array 12: OP 79

No glare found

PV array 13 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0

OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	99	0
OP: OP 54	93	0
OP: OP 55	71	0
OP: OP 56	71	0
OP: OP 57	93	0
OP: OP 58	84	0
OP: OP 59	85	0
OP: OP 60	125	0
OP: OP 61	91	0
OP: OP 62	74	0
OP: OP 63	45	0
OP: OP 64	75	0
OP: OP 65	886	101
OP: OP 66	880	753
OP: OP 67	56352	17462
OP: OP 68	1781	8973
OP: OP 69	17162	13689
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	408	0
OP: OP 73	166	0
OP: OP 74	159	0
OP: OP 75	169	0
OP: OP 76	135	0
OP: OP 77	142	0
OP: OP 78	353	0
OP: OP 79	318	0

PV array 13: OP 1

No glare found

PV array 13: OP 2

No glare found

PV array 13: OP 3

No glare found

PV array 13: OP 4

No glare found

PV array 13: OP 5

No glare found

PV array 13: OP 6

No glare found

PV array 13: OP 7

No glare found

PV array 13: OP 8

No glare found

PV array 13: OP 9

No glare found

PV array 13: OP 10

No glare found

PV array 13: OP 11

No glare found

PV array 13: OP 12

No glare found

PV array 13: OP 13

No glare found

PV array 13: OP 14

No glare found

PV array 13: OP 15

No glare found

PV array 13: OP 16

No glare found

PV array 13: OP 17

No glare found

PV array 13: OP 18

No glare found

PV array 13: OP 19

No glare found

PV array 13: OP 20

No glare found

PV array 13: OP 21

No glare found

PV array 13: OP 22

No glare found

PV array 13: OP 23

No glare found

PV array 13: OP 24

No glare found

PV array 13: OP 25

No glare found

PV array 13: OP 26

No glare found

PV array 13: OP 27

No glare found

PV array 13: OP 28

No glare found

PV array 13: OP 29

No glare found

PV array 13: OP 30

No glare found

PV array 13: OP 31

No glare found

PV array 13: OP 32

No glare found

PV array 13: OP 33

No glare found

PV array 13: OP 34

No glare found

PV array 13: OP 35

No glare found

PV array 13: OP 36

No glare found

PV array 13: OP 37

No glare found

PV array 13: OP 38

No glare found

PV array 13: OP 39

No glare found

PV array 13: OP 40

No glare found

PV array 13: OP 41

No glare found

PV array 13: OP 42

No glare found

PV array 13: OP 43

No glare found

PV array 13: OP 44

No glare found

PV array 13: OP 45

No glare found

PV array 13: OP 46

No glare found

PV array 13: OP 47

No glare found

PV array 13: OP 48

No glare found

PV array 13: OP 49

No glare found

PV array 13: OP 50

No glare found

PV array 13: OP 51

No glare found

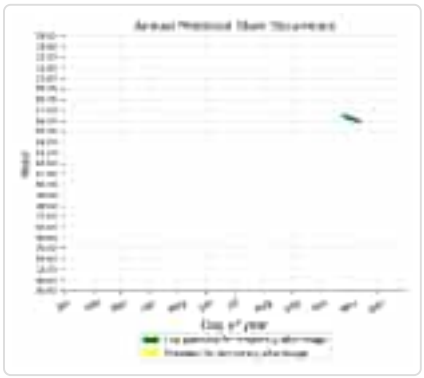
PV array 13: OP 52

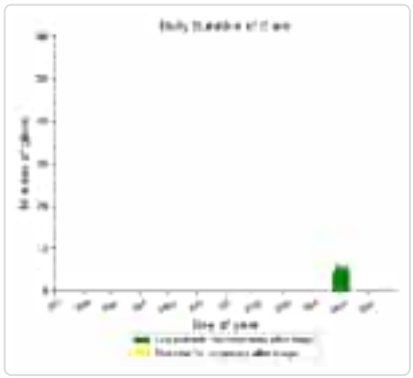
No glare found

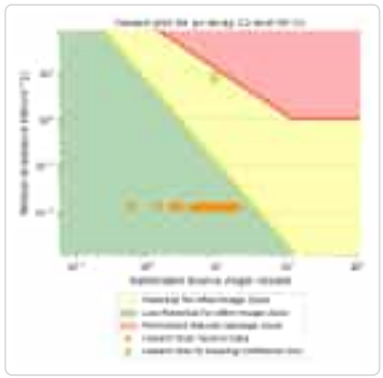
PV array 13: OP 53

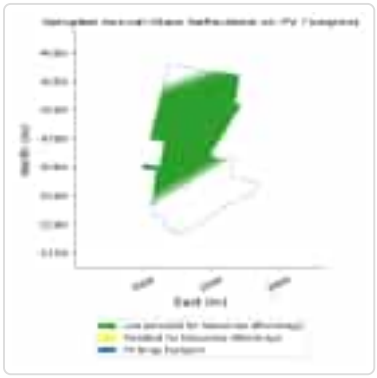
PV array is expected to produce the following glare for this receptor:

- 99 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





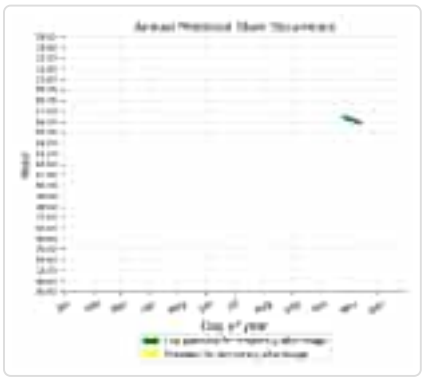


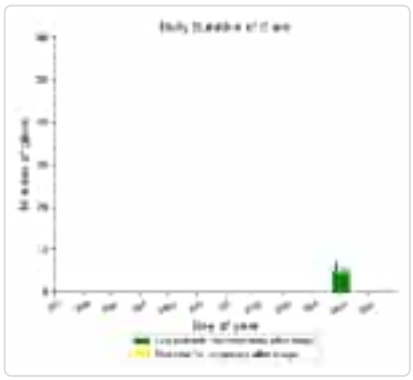


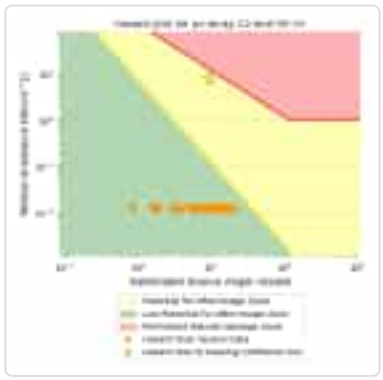
PV array 13: OP 54

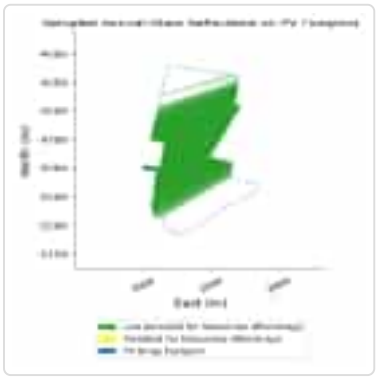
PV array is expected to produce the following glare for this receptor:

- 93 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





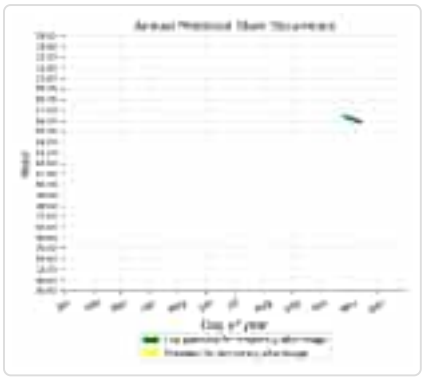


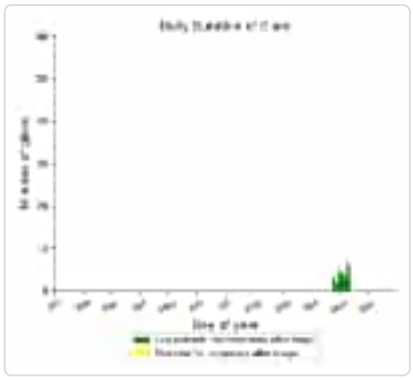


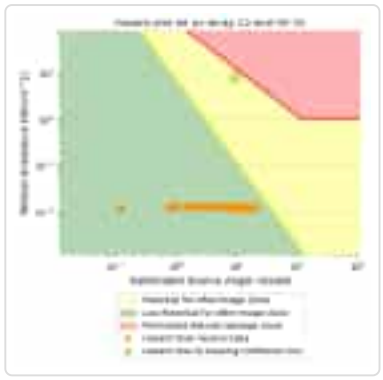
PV array 13: OP 55

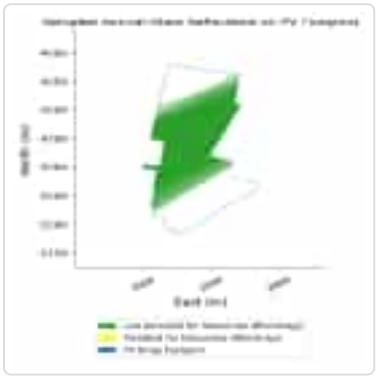
PV array is expected to produce the following glare for this receptor:

- 71 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





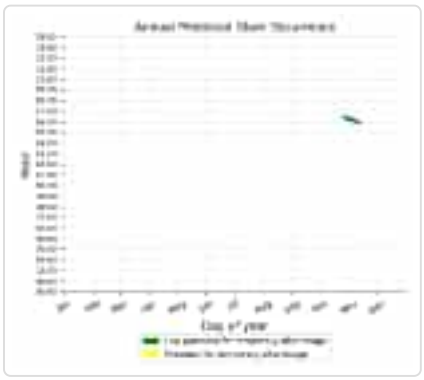


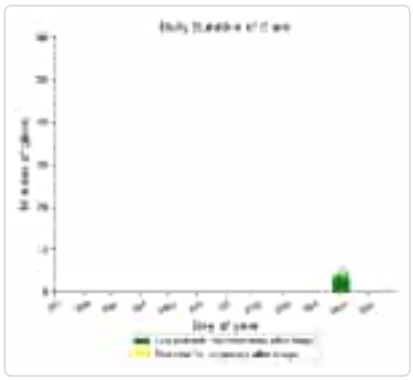


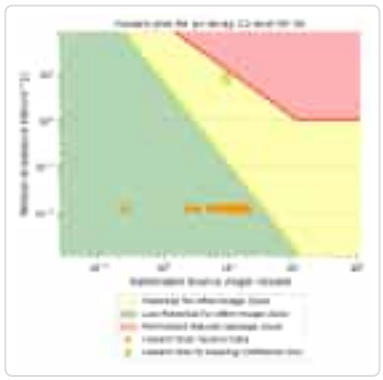
PV array 13: OP 56

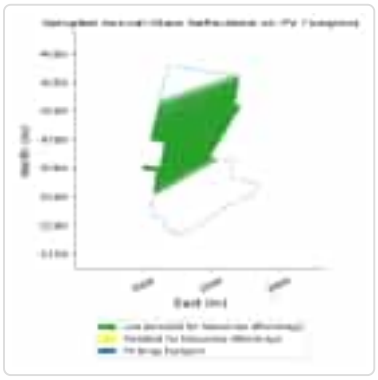
PV array is expected to produce the following glare for this receptor:

- 71 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





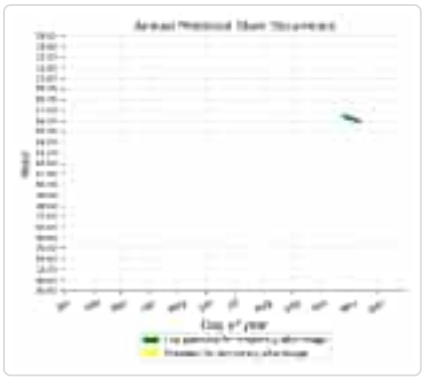


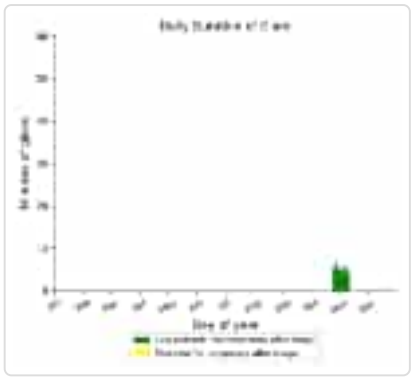


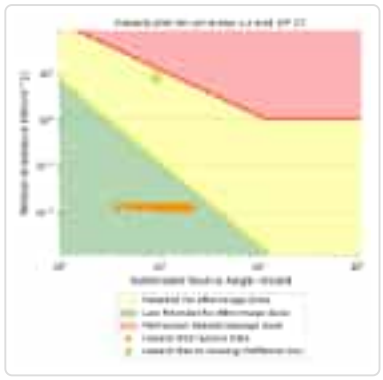
PV array 13: OP 57

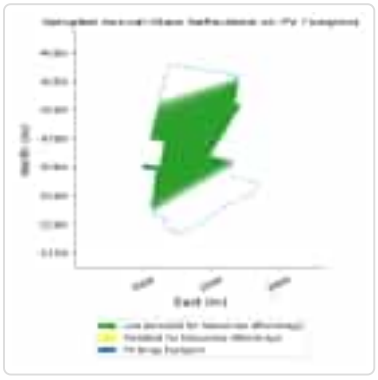
PV array is expected to produce the following glare for this receptor:

- 93 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





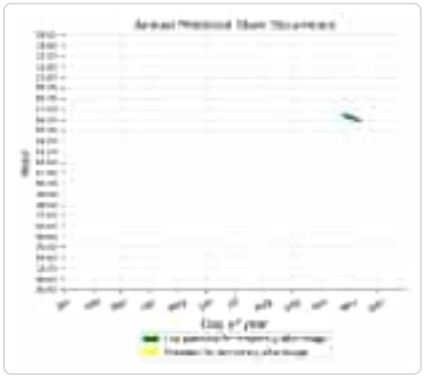


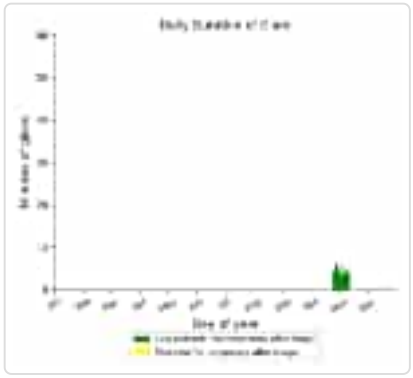


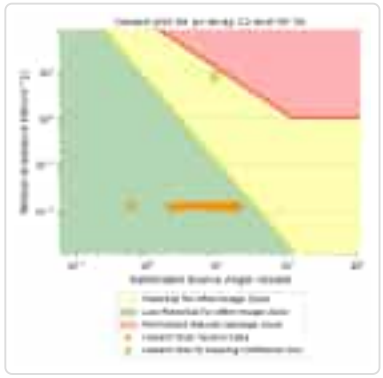
PV array 13: OP 58

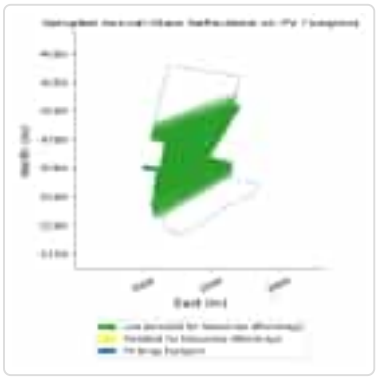
PV array is expected to produce the following glare for this receptor:

- 84 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





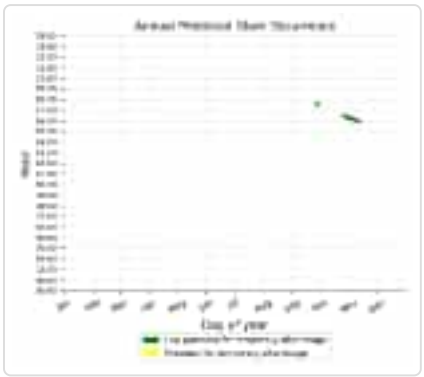


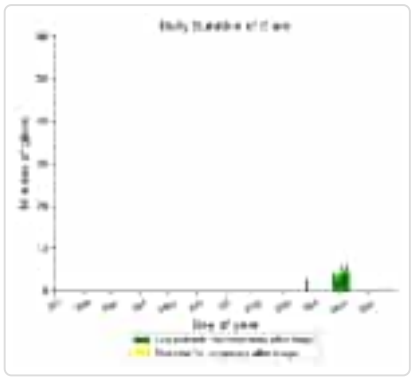


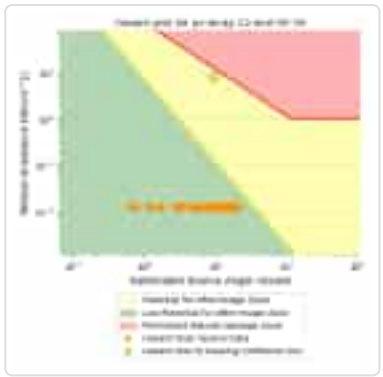
PV array 13: OP 59

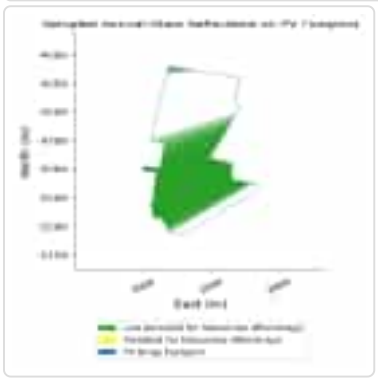
PV array is expected to produce the following glare for this receptor:

- 85 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





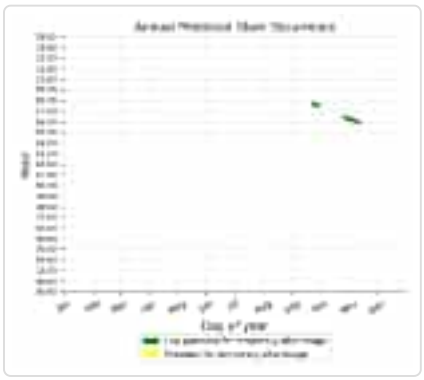


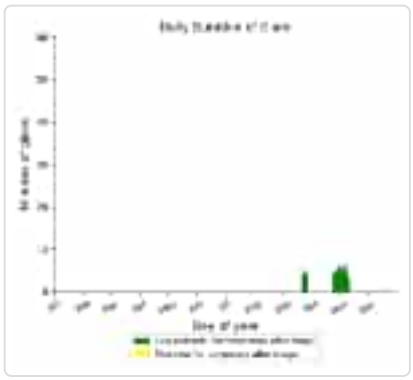


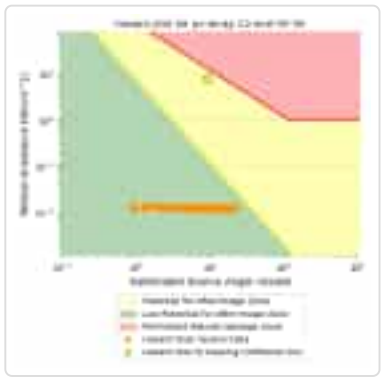
PV array 13: OP 60

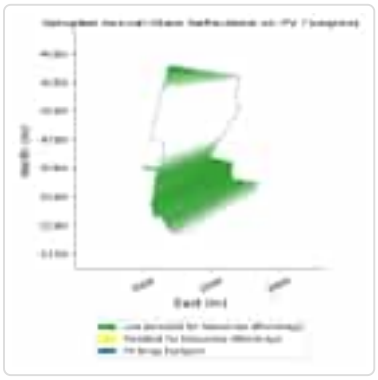
PV array is expected to produce the following glare for this receptor:

- 125 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





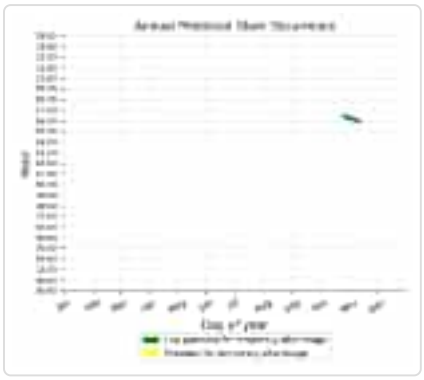


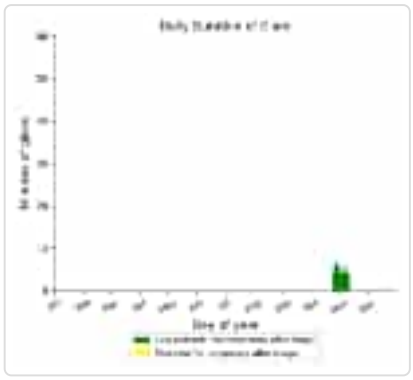


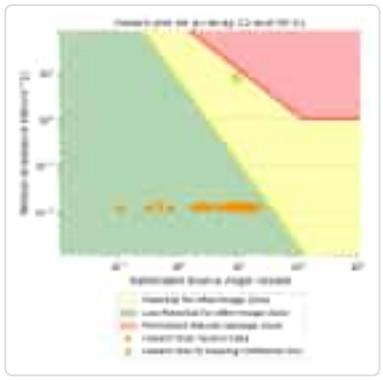
PV array 13: OP 61

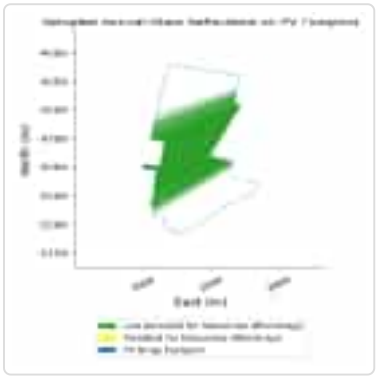
PV array is expected to produce the following glare for this receptor:

- 91 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





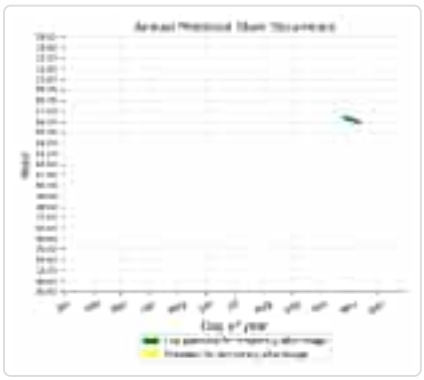


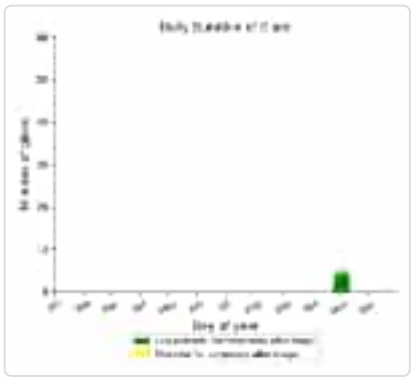


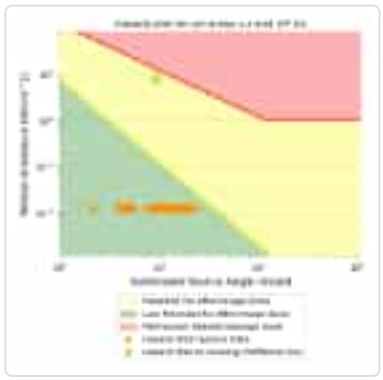
PV array 13: OP 62

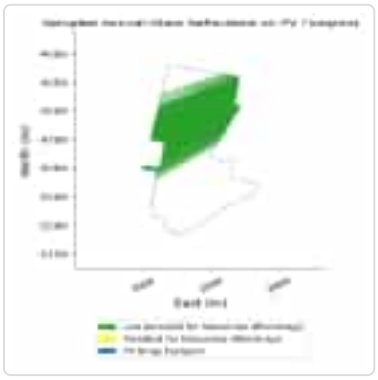
PV array is expected to produce the following glare for this receptor:

- 74 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





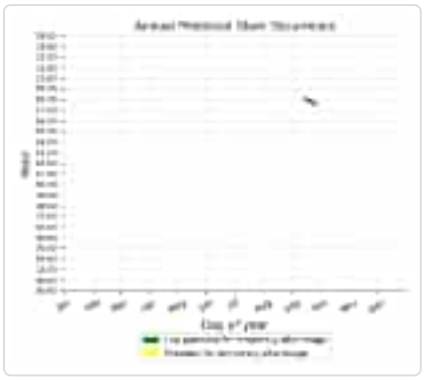


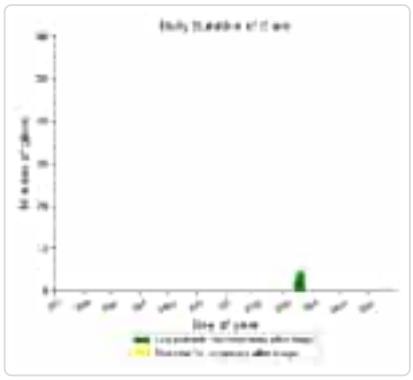


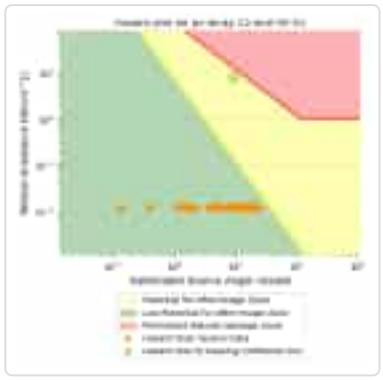
PV array 13: OP 63

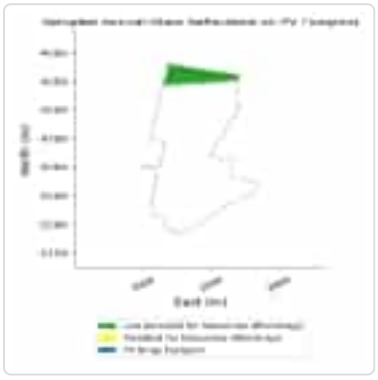
PV array is expected to produce the following glare for this receptor:

- 45 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





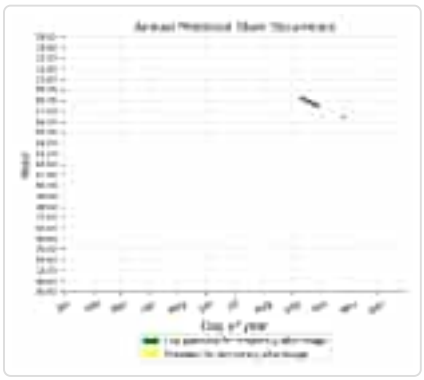


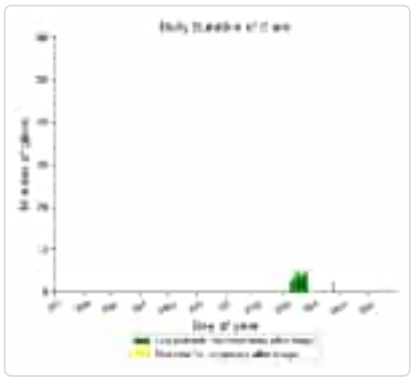


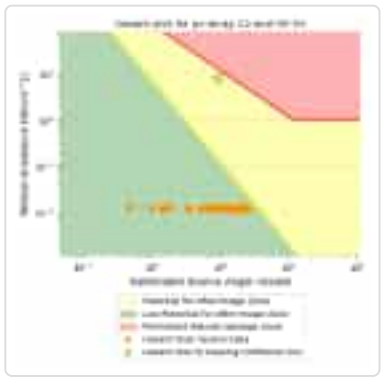
PV array 13: OP 64

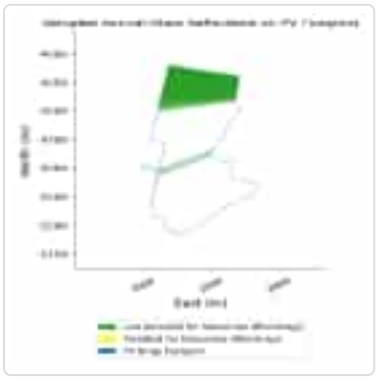
PV array is expected to produce the following glare for this receptor:

- 75 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





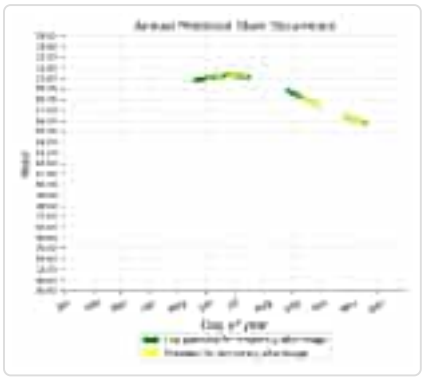


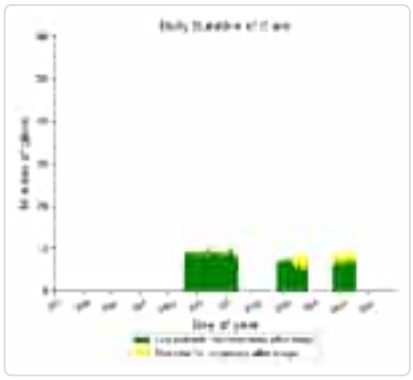


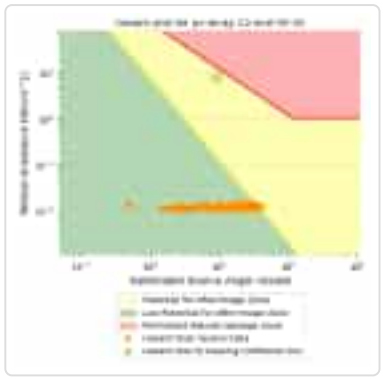
PV array 13: OP 65

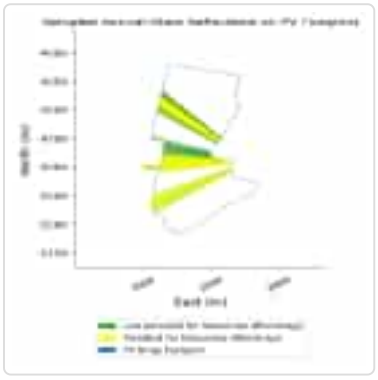
PV array is expected to produce the following glare for this receptor:

- 886 minutes of "green" glare with low potential to cause temporary after-image.
- 101 minutes of "yellow" glare with potential to cause temporary after-image.





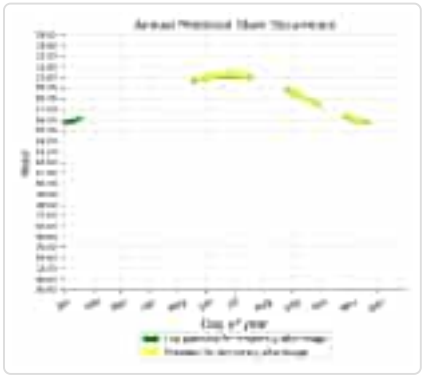


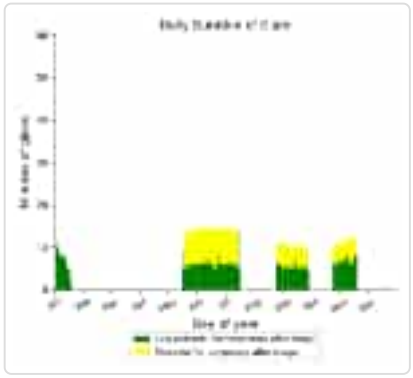


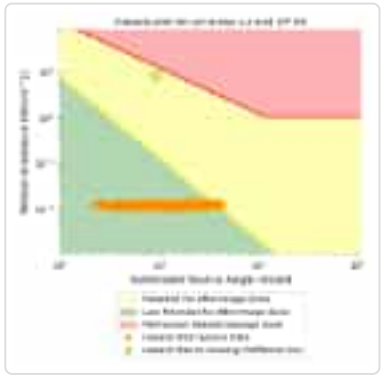
PV array 13: OP 66

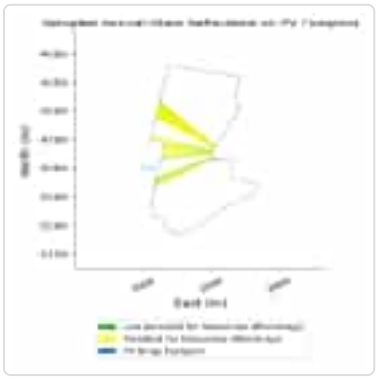
PV array is expected to produce the following glare for this receptor:

- 880 minutes of "green" glare with low potential to cause temporary after-image.
- 753 minutes of "yellow" glare with potential to cause temporary after-image.





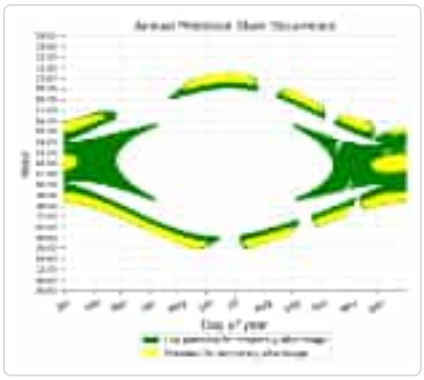


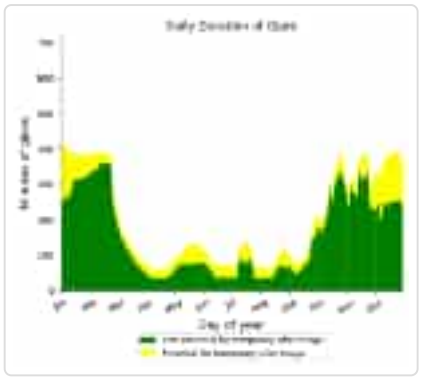


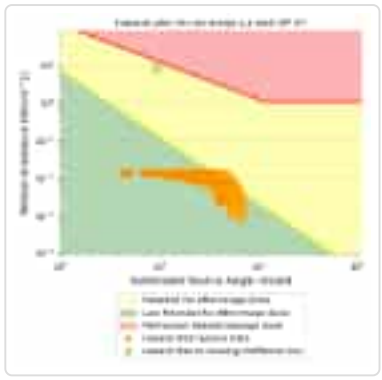
PV array 13: OP 67

PV array is expected to produce the following glare for this receptor:

- 56,352 minutes of "green" glare with low potential to cause temporary after-image.
- 17,462 minutes of "yellow" glare with potential to cause temporary after-image.



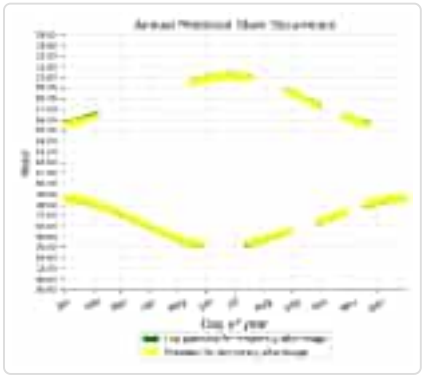


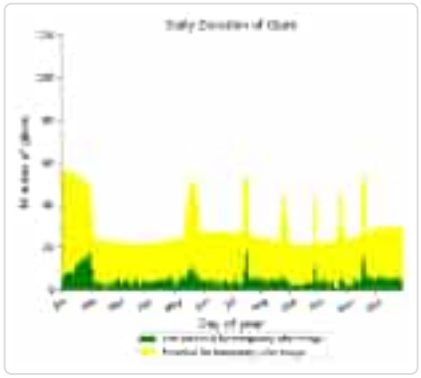


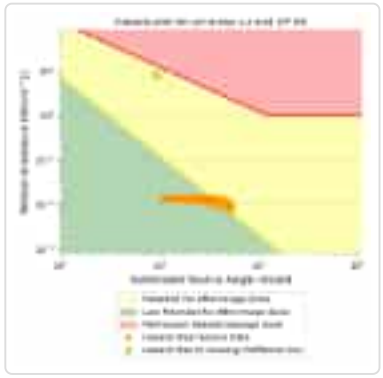
PV array 13: OP 68

PV array is expected to produce the following glare for this receptor:

- 1,781 minutes of "green" glare with low potential to cause temporary after-image.
- 8,973 minutes of "yellow" glare with potential to cause temporary after-image.



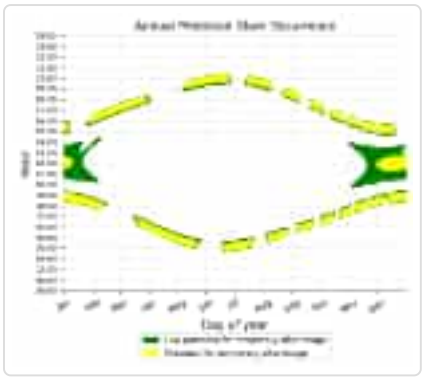


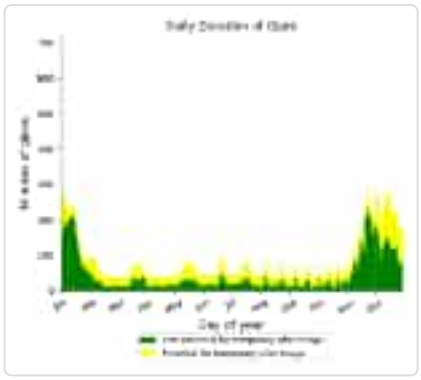


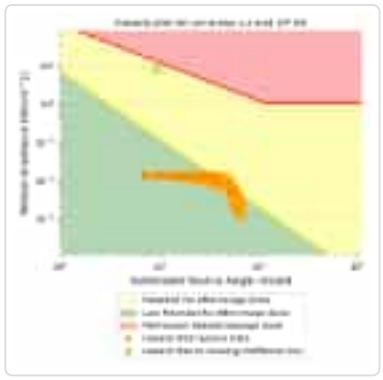
PV array 13: OP 69

PV array is expected to produce the following glare for this receptor:

- 17,162 minutes of "green" glare with low potential to cause temporary after-image.
- 13,689 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 13: OP 70

No glare found

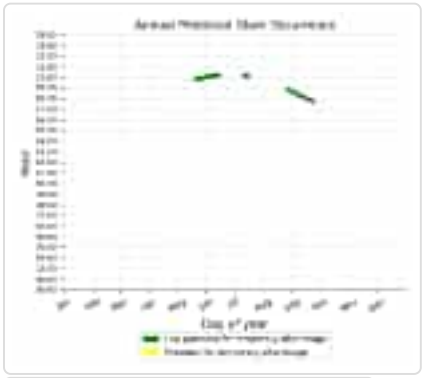
PV array 13: OP 71

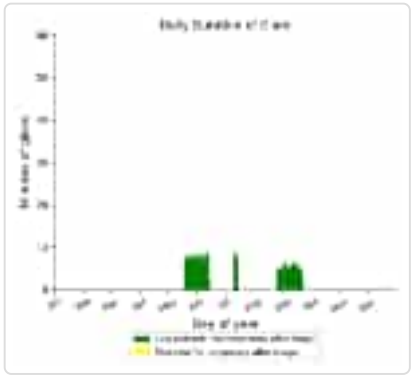
No glare found

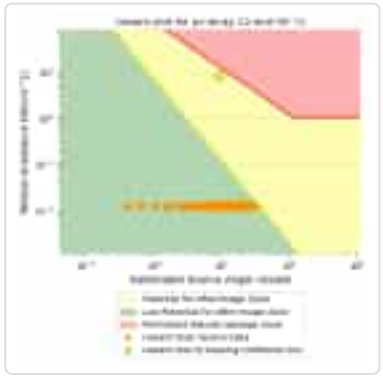
PV array 13: OP 72

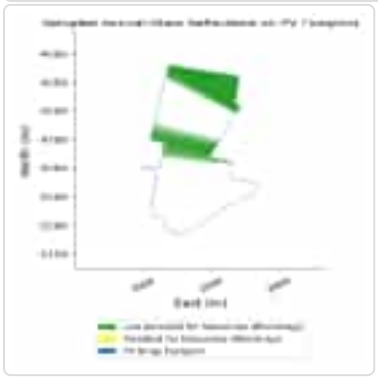
PV array is expected to produce the following glare for this receptor:

- 408 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





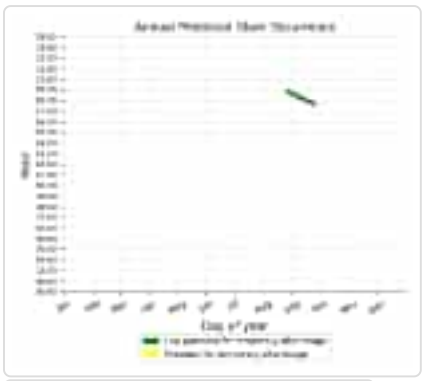


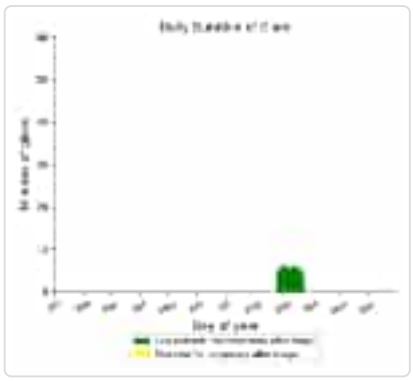


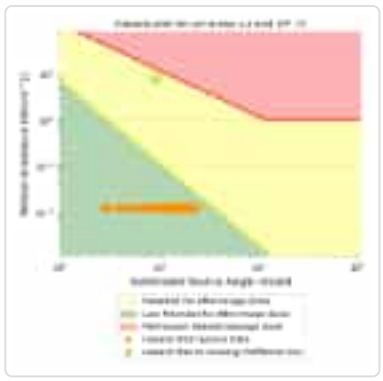
PV array 13: OP 73

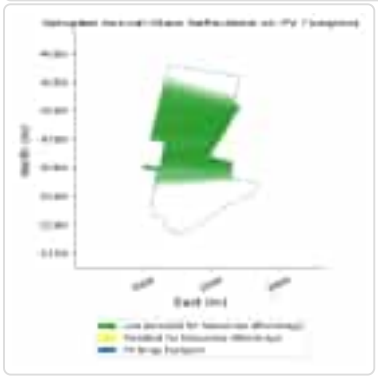
PV array is expected to produce the following glare for this receptor:

- 166 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





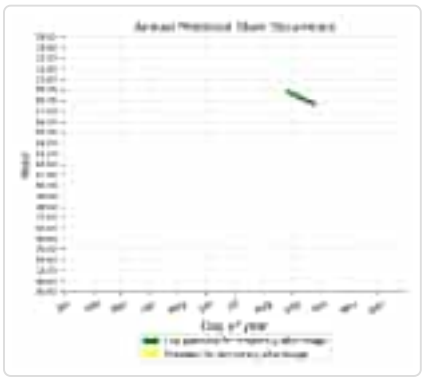


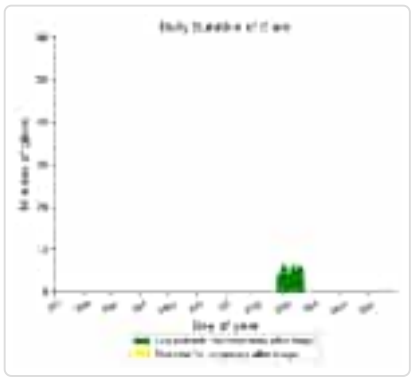


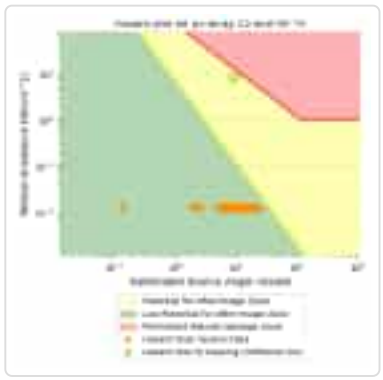
PV array 13: OP 74

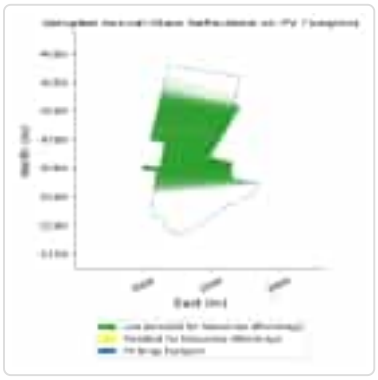
PV array is expected to produce the following glare for this receptor:

- 159 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





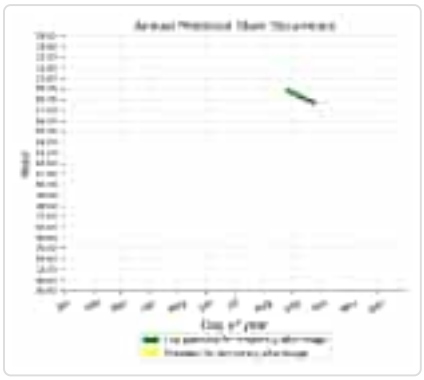


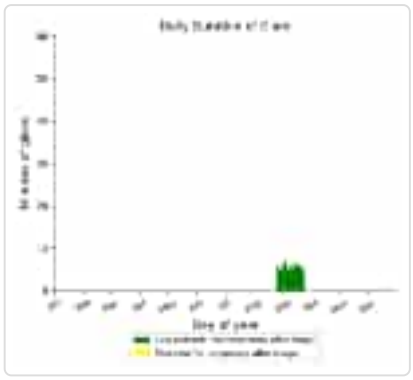


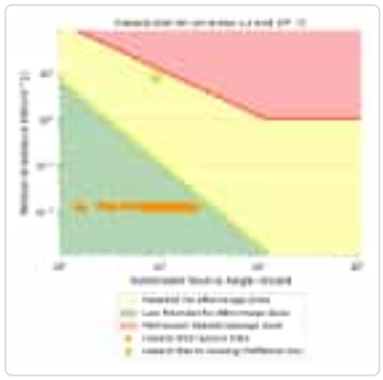
PV array 13: OP 75

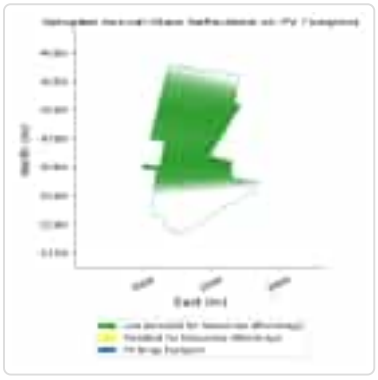
PV array is expected to produce the following glare for this receptor:

- 169 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





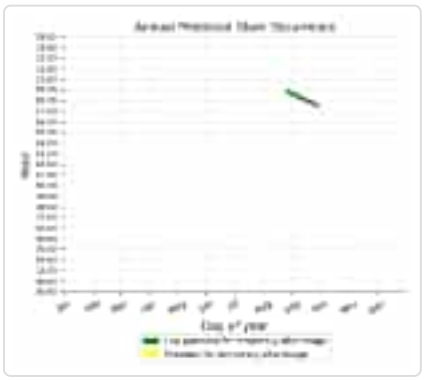


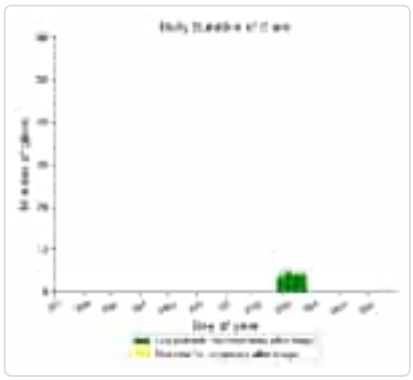


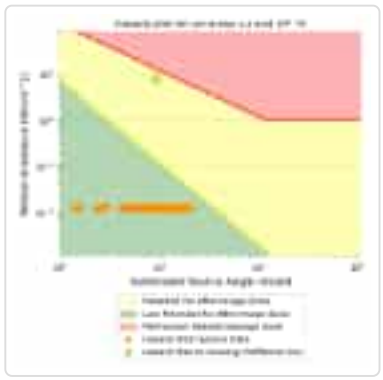
PV array 13: OP 76

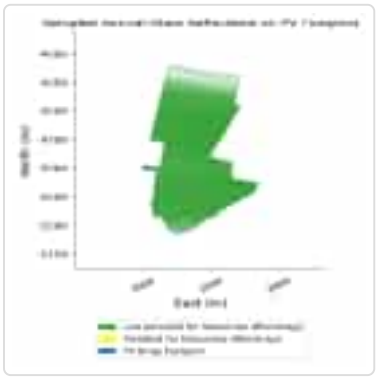
PV array is expected to produce the following glare for this receptor:

- 135 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





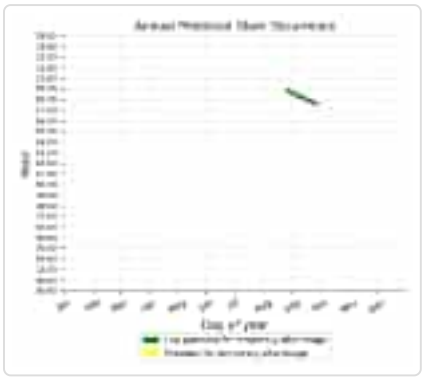


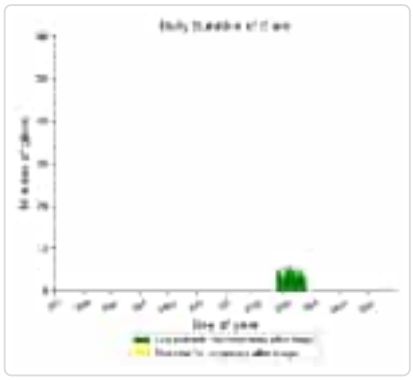


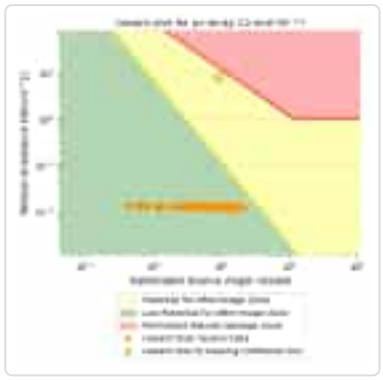
PV array 13: OP 77

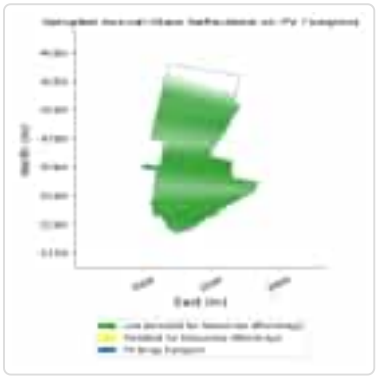
PV array is expected to produce the following glare for this receptor:

- 142 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





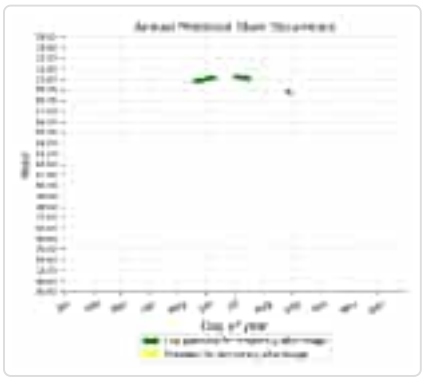


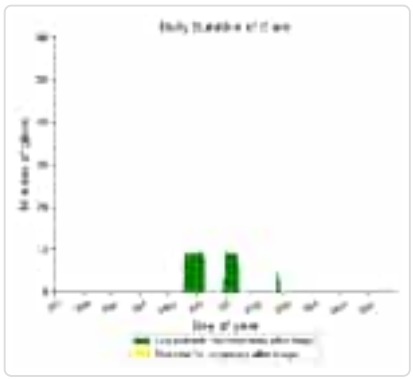


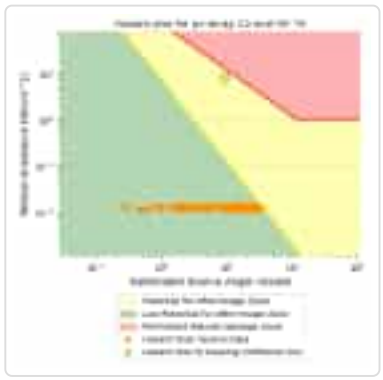
PV array 13: OP 78

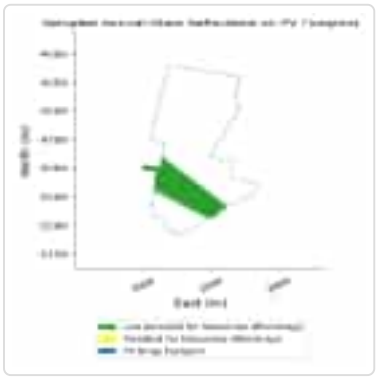
PV array is expected to produce the following glare for this receptor:

- 353 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





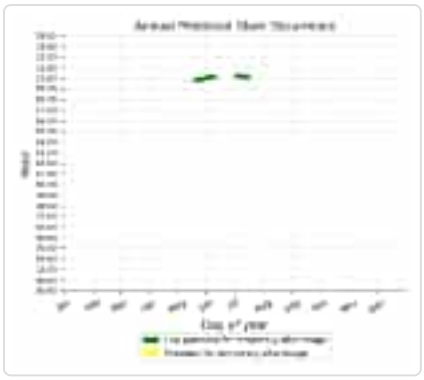


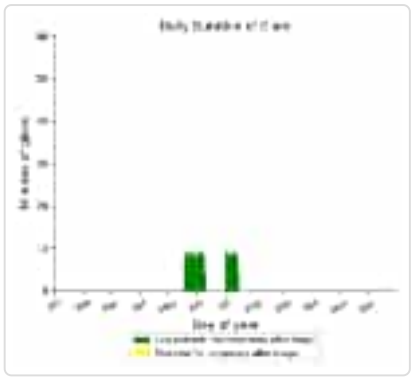


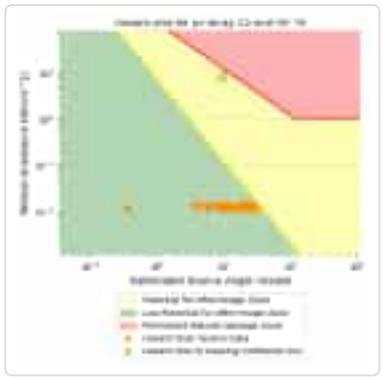
PV array 13: OP 79

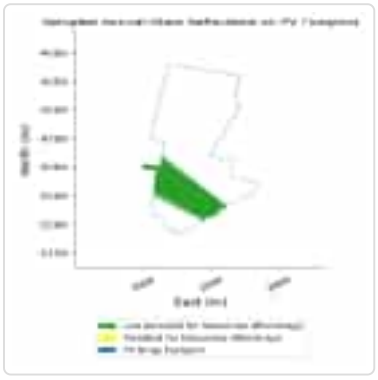
PV array is expected to produce the following glare for this receptor:

- 318 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)

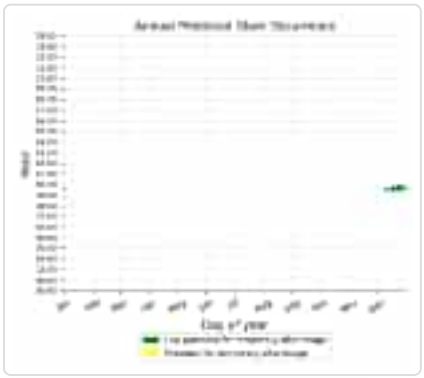
OP: OP 1	125	0
OP: OP 2	204	0
OP: OP 3	296	0
OP: OP 4	276	0
OP: OP 5	327	0
OP: OP 6	447	0
OP: OP 7	726	0
OP: OP 8	988	0
OP: OP 9	1104	0
OP: OP 10	1404	0
OP: OP 11	2062	0
OP: OP 12	2398	0
OP: OP 13	2112	0
OP: OP 14	1219	0
OP: OP 15	1294	0
OP: OP 16	1677	0
OP: OP 17	2418	0
OP: OP 18	2420	0
OP: OP 19	2448	0
OP: OP 20	1621	0
OP: OP 21	2322	0
OP: OP 22	748	0
OP: OP 23	651	0
OP: OP 24	43	0
OP: OP 25	551	0
OP: OP 26	352	0
OP: OP 27	160	0
OP: OP 28	42	0
OP: OP 29	27	0
OP: OP 30	27	0
OP: OP 31	254	0
OP: OP 32	538	0
OP: OP 33	789	0
OP: OP 34	1114	0
OP: OP 35	1235	0
OP: OP 36	1726	0
OP: OP 37	2186	0
OP: OP 38	2194	0
OP: OP 39	1942	0
OP: OP 40	1957	117
OP: OP 41	647	0
OP: OP 42	610	0
OP: OP 43	636	0
OP: OP 44	1028	0
OP: OP 45	561	0
OP: OP 46	205	0
OP: OP 47	197	0
OP: OP 48	616	17
OP: OP 49	313	0
OP: OP 50	178	0
OP: OP 51	258	0
OP: OP 52	388	0
OP: OP 53	585	0
OP: OP 54	558	0

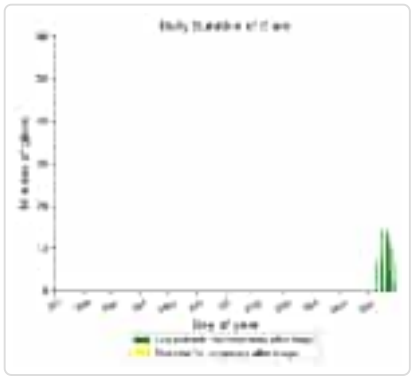
OP: OP 55	561	0
OP: OP 56	617	0
OP: OP 57	594	0
OP: OP 58	572	0
OP: OP 59	503	0
OP: OP 60	443	0
OP: OP 61	635	0
OP: OP 62	891	0
OP: OP 63	956	0
OP: OP 64	762	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	139	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

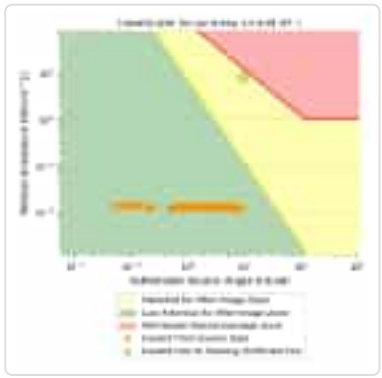
PV array 14: OP 1

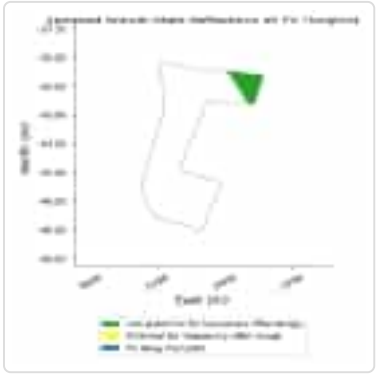
PV array is expected to produce the following glare for this receptor:

- 125 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





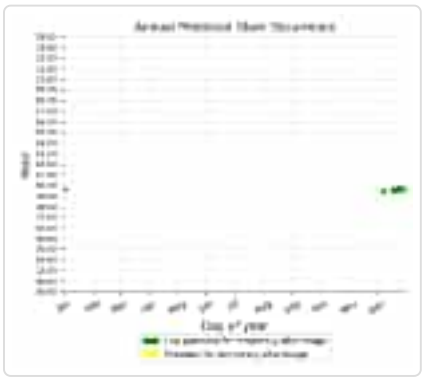


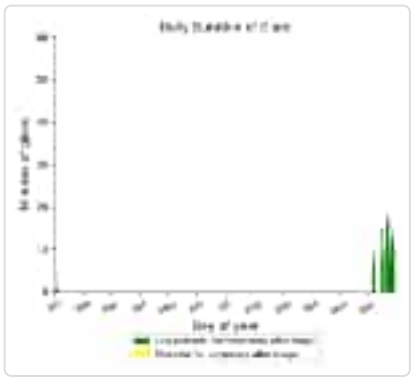


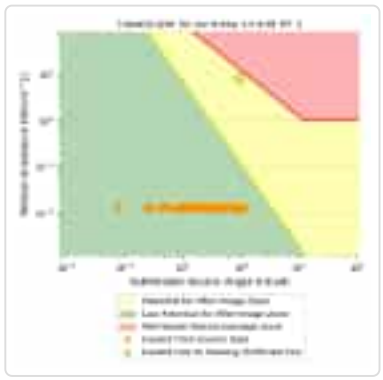
PV array 14: OP 2

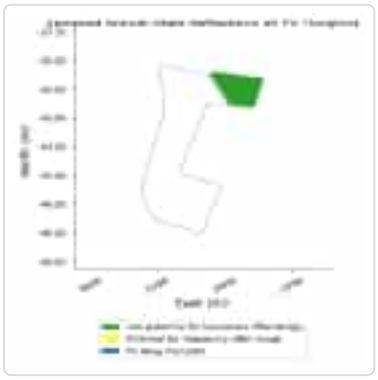
PV array is expected to produce the following glare for this receptor:

- 204 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





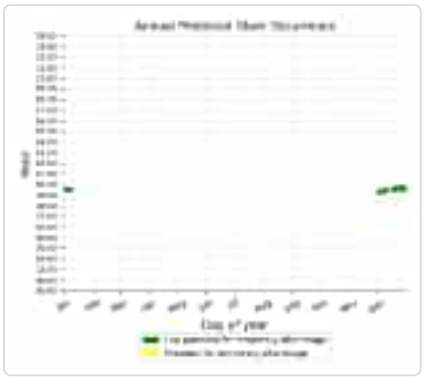


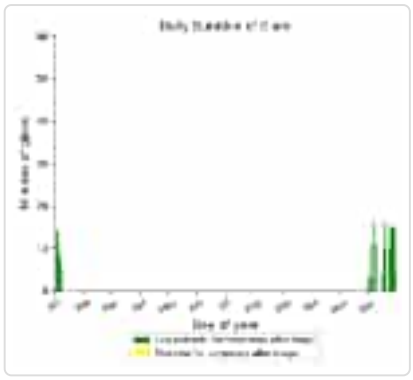


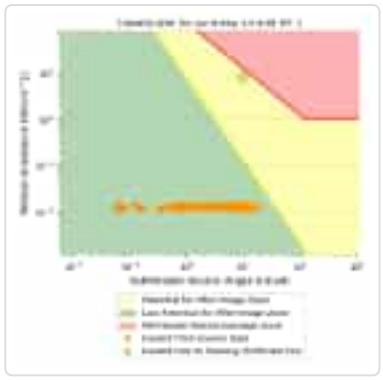
PV array 14: OP 3

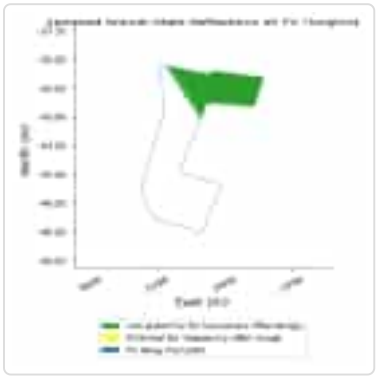
PV array is expected to produce the following glare for this receptor:

- 296 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





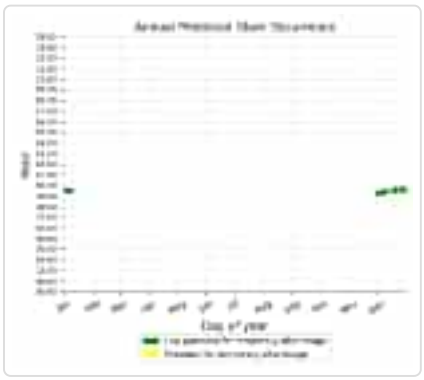


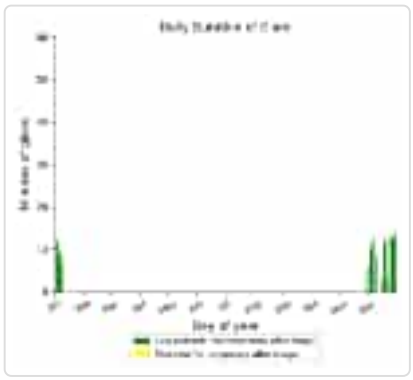


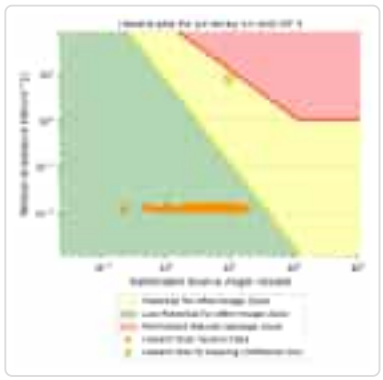
PV array 14: OP 4

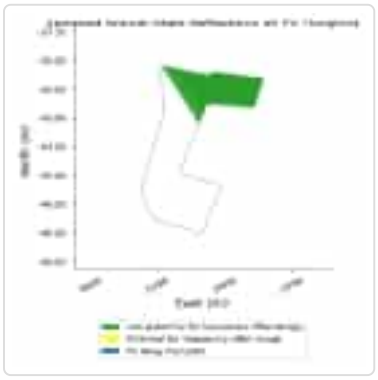
PV array is expected to produce the following glare for this receptor:

- 276 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





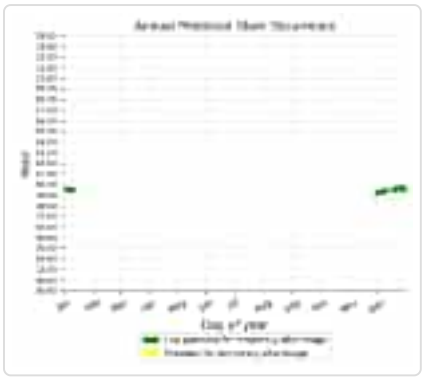


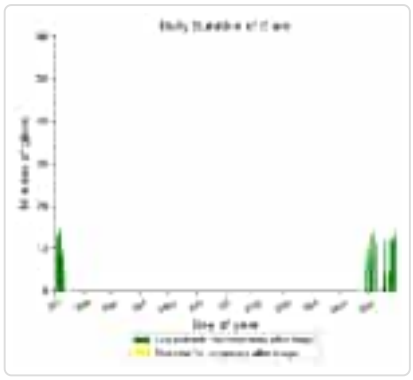


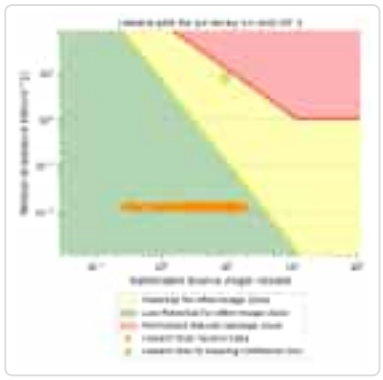
PV array 14: OP 5

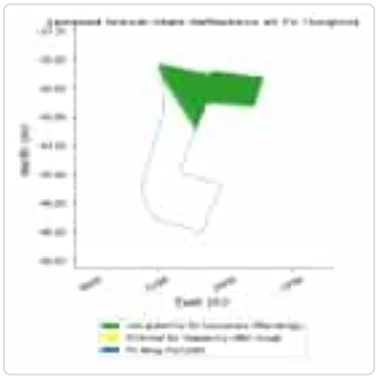
PV array is expected to produce the following glare for this receptor:

- 327 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





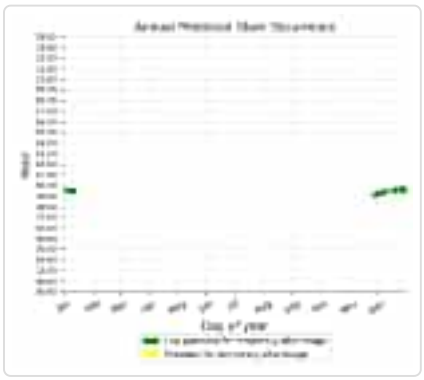


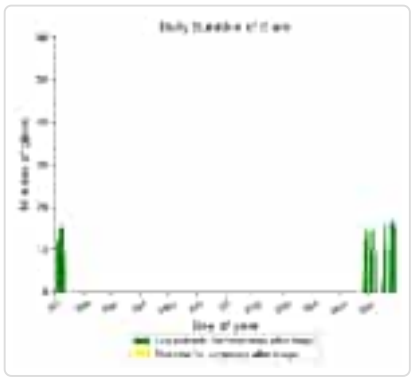


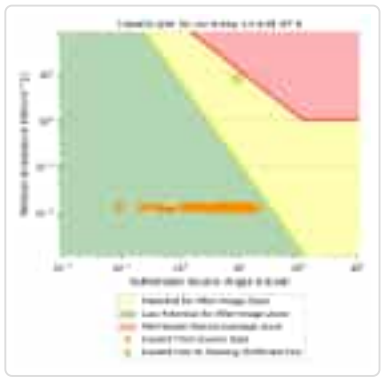
PV array 14: OP 6

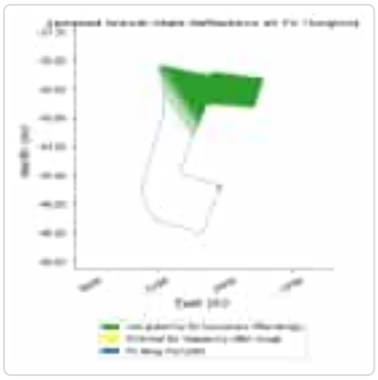
PV array is expected to produce the following glare for this receptor:

- 447 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





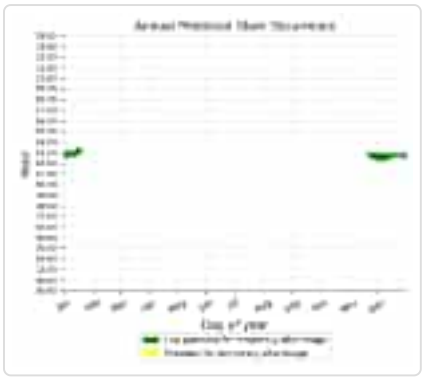


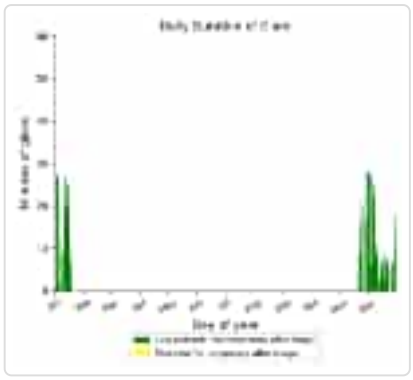


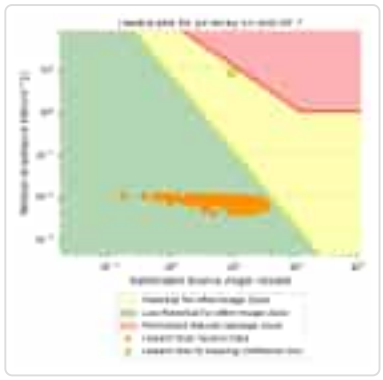
PV array 14: OP 7

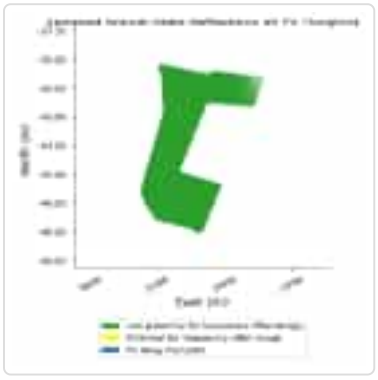
PV array is expected to produce the following glare for this receptor:

- 726 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





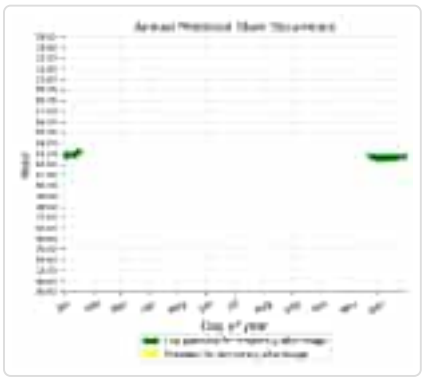


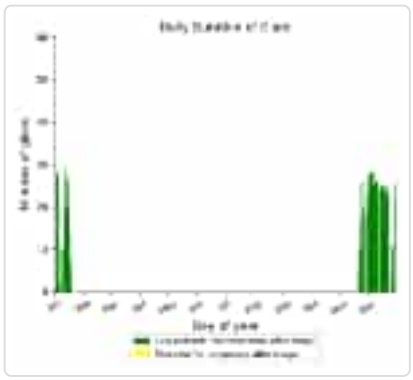


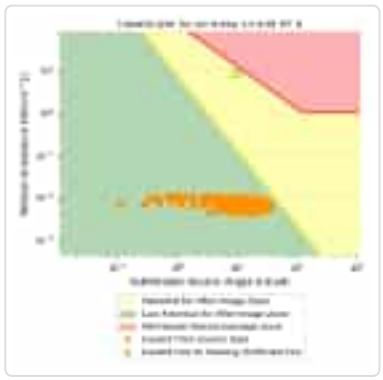
PV array 14: OP 8

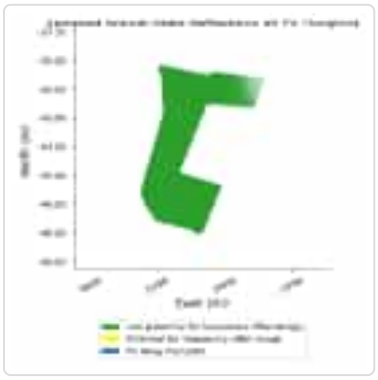
PV array is expected to produce the following glare for this receptor:

- 988 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





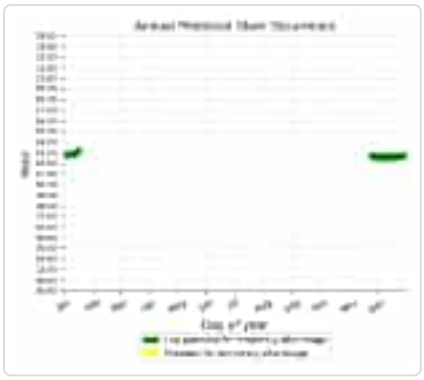


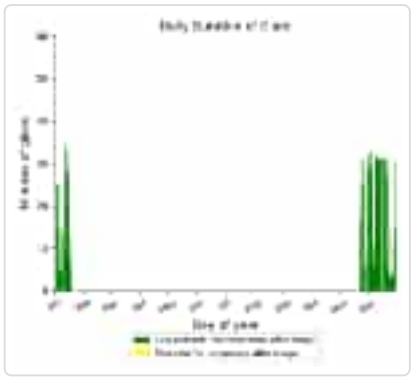


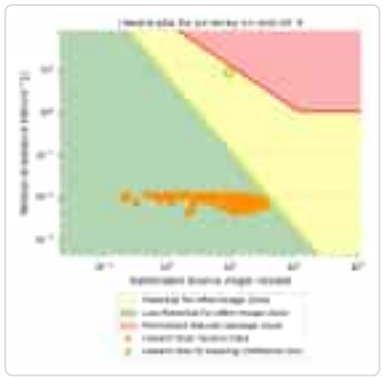
PV array 14: OP 9

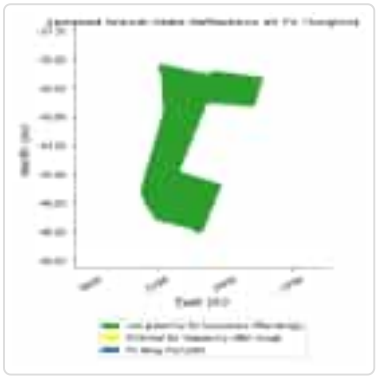
PV array is expected to produce the following glare for this receptor:

- 1,104 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





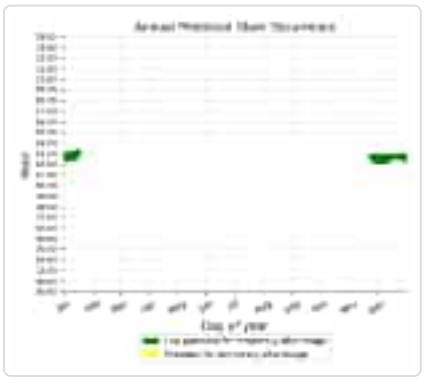


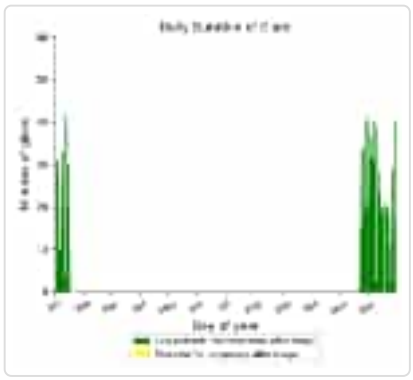


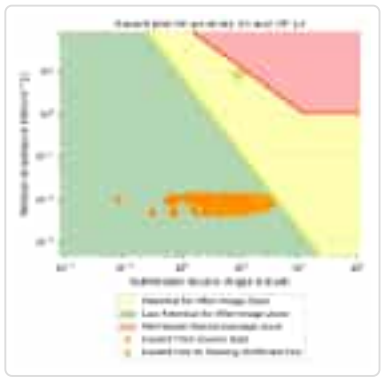
PV array 14: OP 10

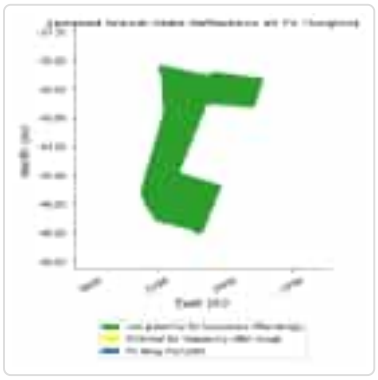
PV array is expected to produce the following glare for this receptor:

- 1,404 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





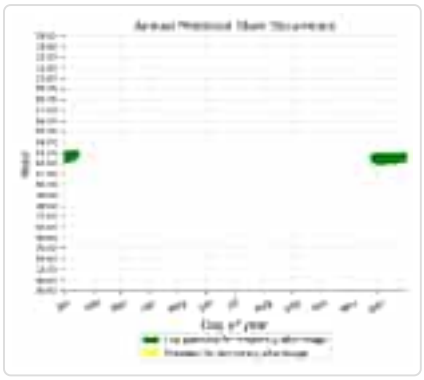


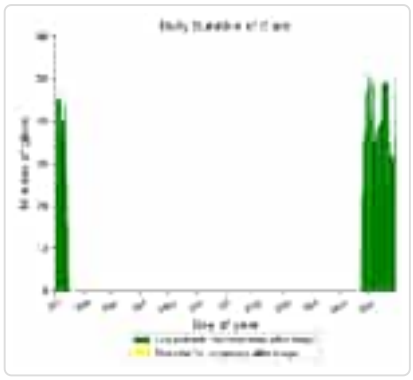


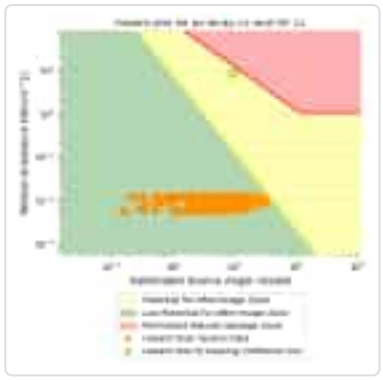
PV array 14: OP 11

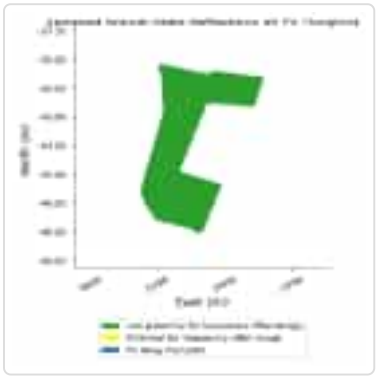
PV array is expected to produce the following glare for this receptor:

- 2,062 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





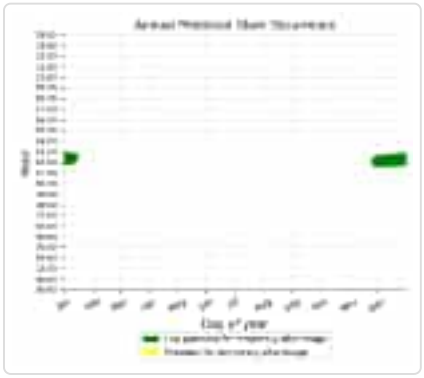


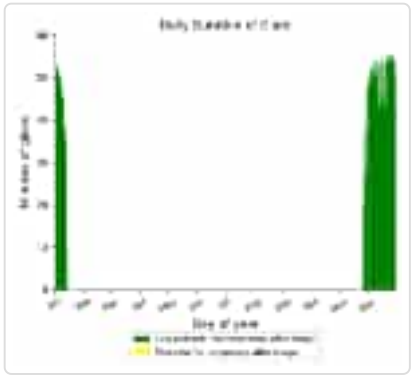


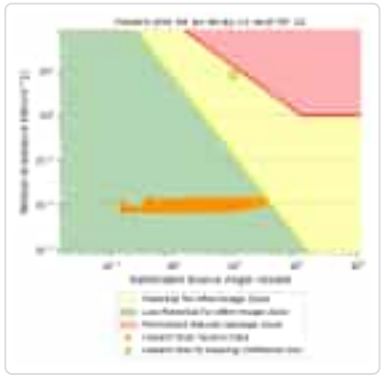
PV array 14: OP 12

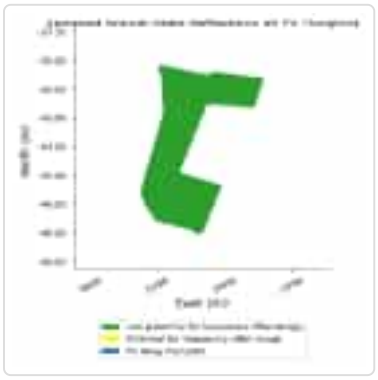
PV array is expected to produce the following glare for this receptor:

- 2,398 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





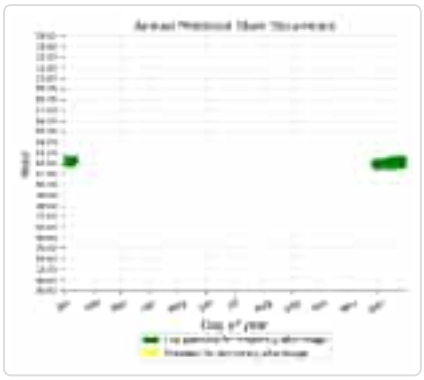


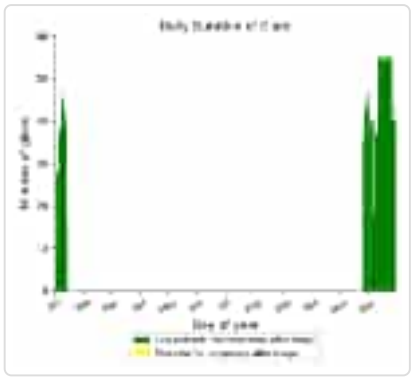


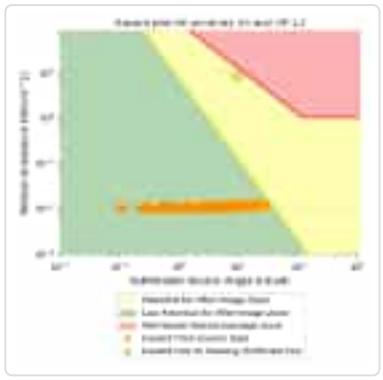
PV array 14: OP 13

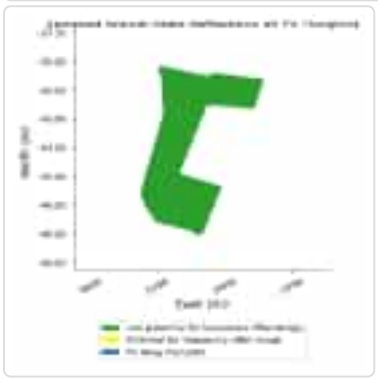
PV array is expected to produce the following glare for this receptor:

- 2,112 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





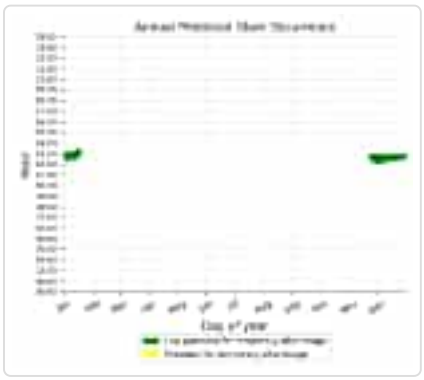


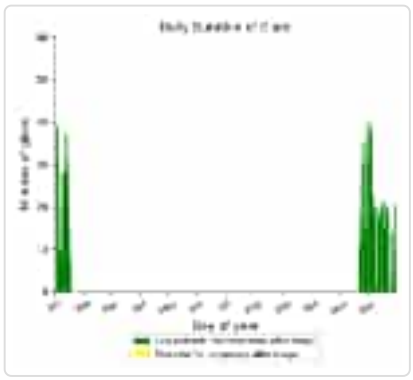


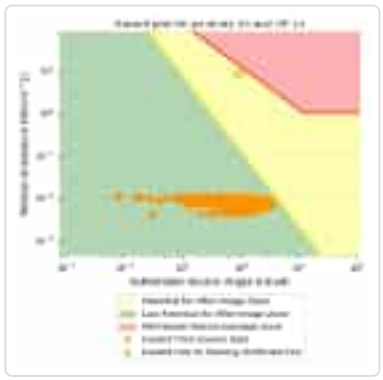
PV array 14: OP 14

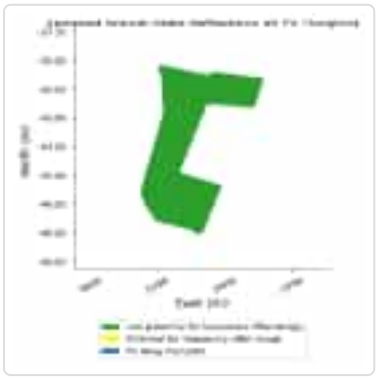
PV array is expected to produce the following glare for this receptor:

- 1,219 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





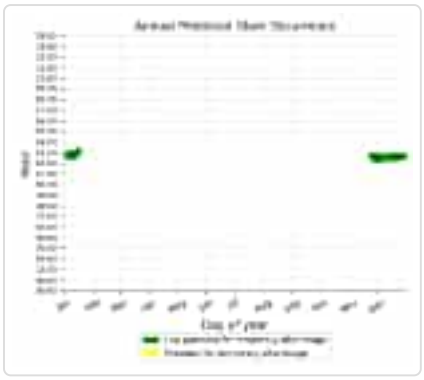


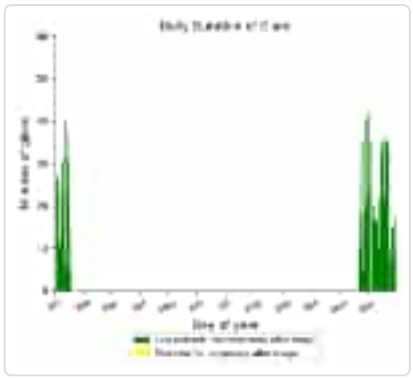


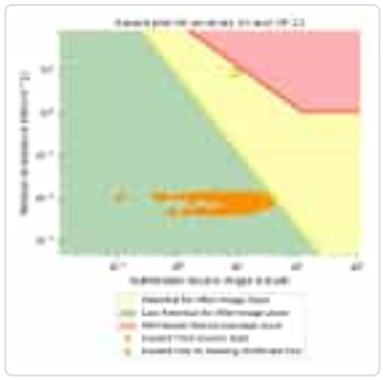
PV array 14: OP 15

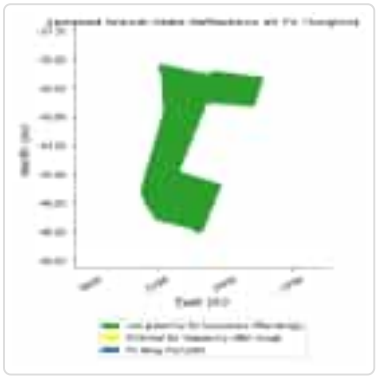
PV array is expected to produce the following glare for this receptor:

- 1,294 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





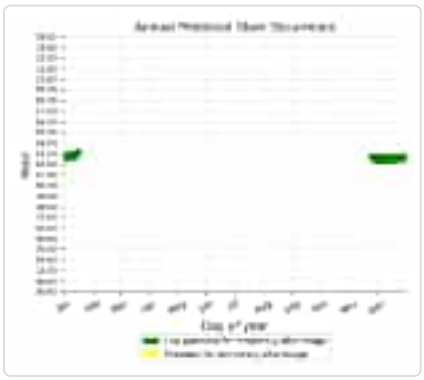


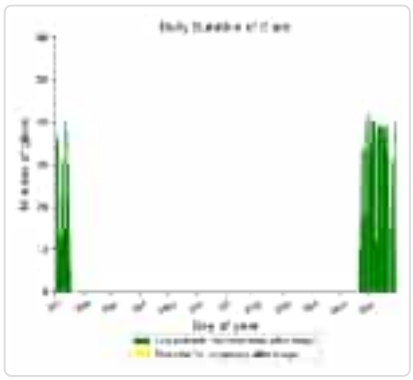


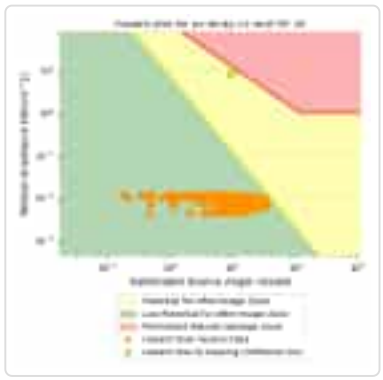
PV array 14: OP 16

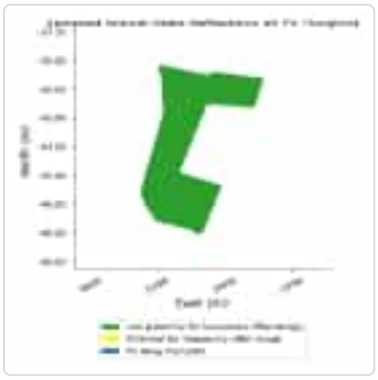
PV array is expected to produce the following glare for this receptor:

- 1,677 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





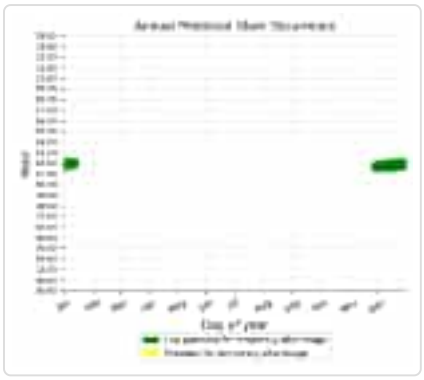


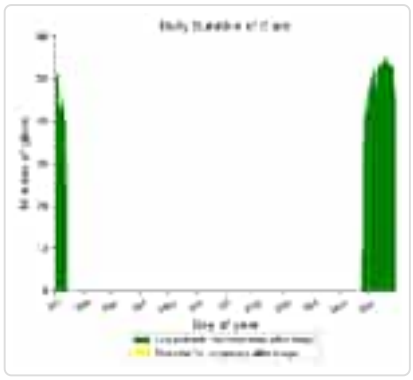


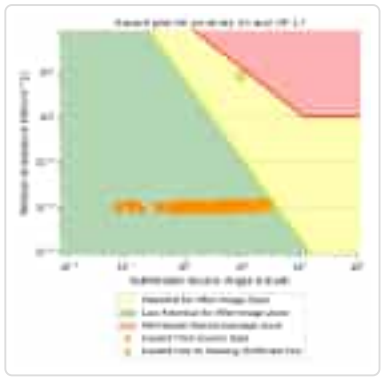
PV array 14: OP 17

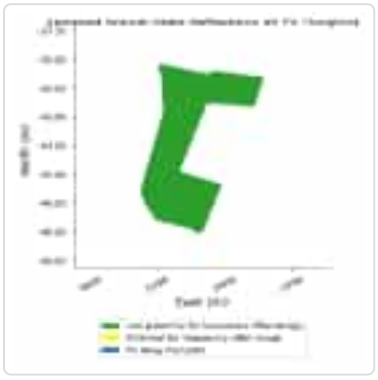
PV array is expected to produce the following glare for this receptor:

- 2,418 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





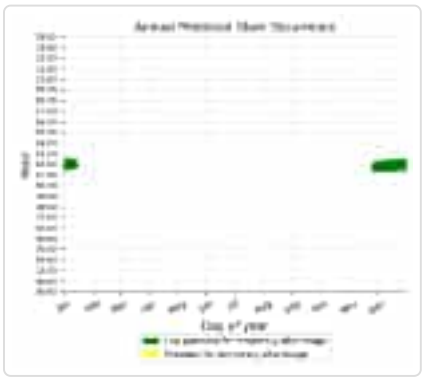


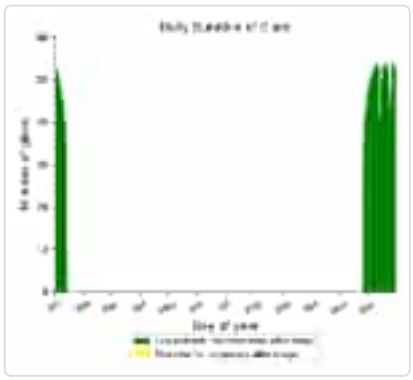


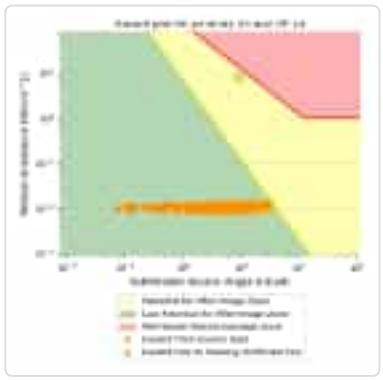
PV array 14: OP 18

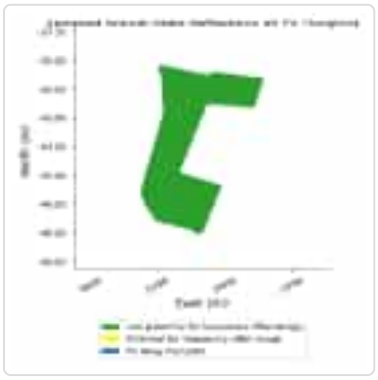
PV array is expected to produce the following glare for this receptor:

- 2,420 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





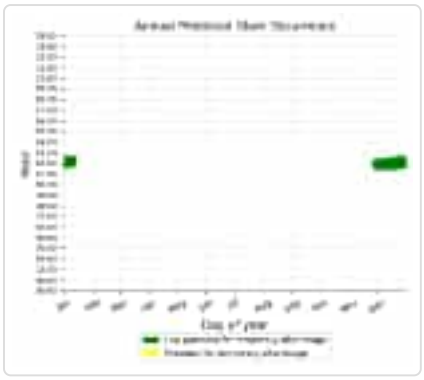


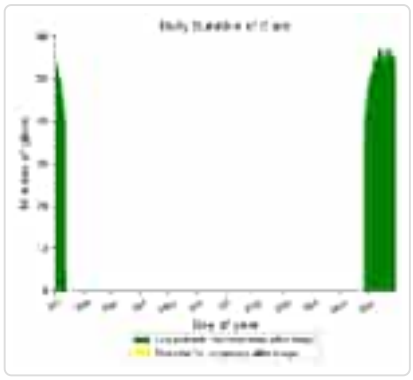


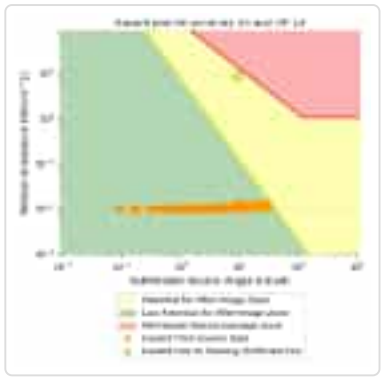
PV array 14: OP 19

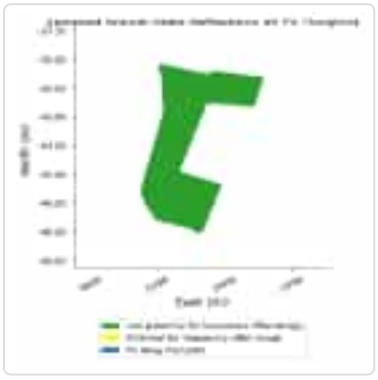
PV array is expected to produce the following glare for this receptor:

- 2,448 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





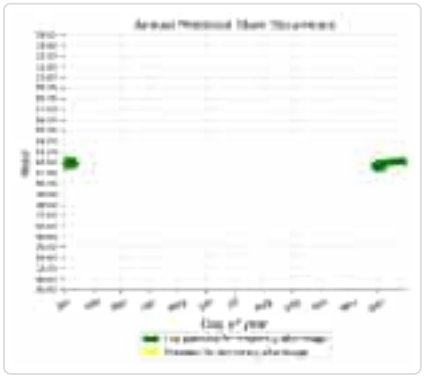


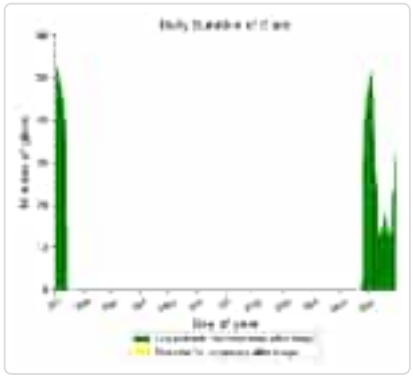


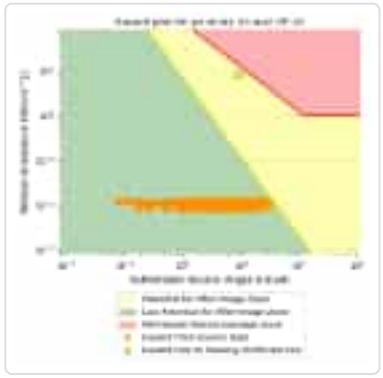
PV array 14: OP 20

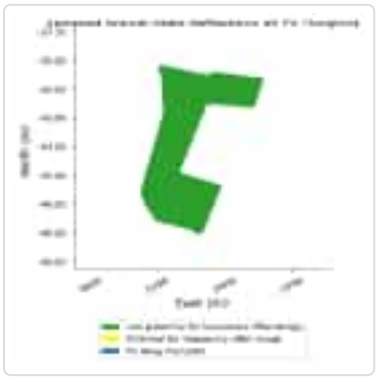
PV array is expected to produce the following glare for this receptor:

- 1,621 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





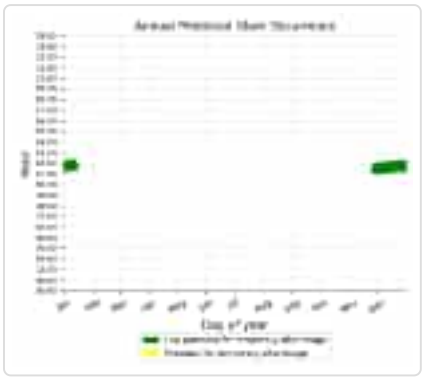


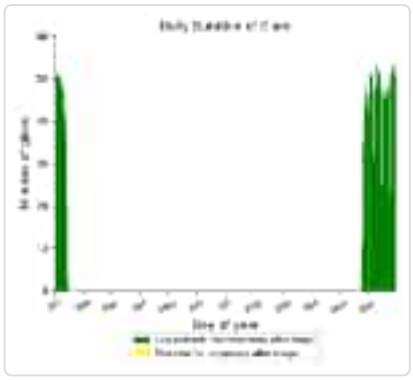


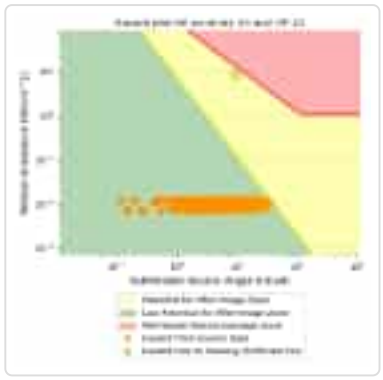
PV array 14: OP 21

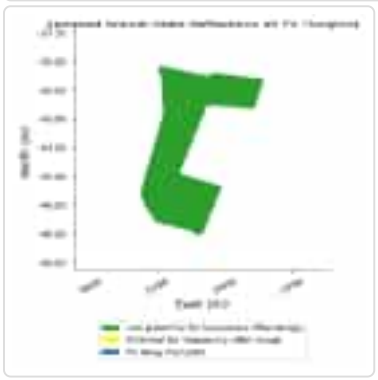
PV array is expected to produce the following glare for this receptor:

- 2,322 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





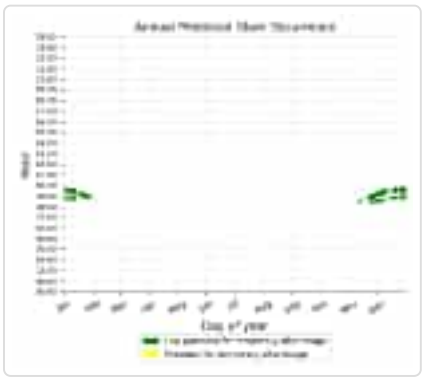


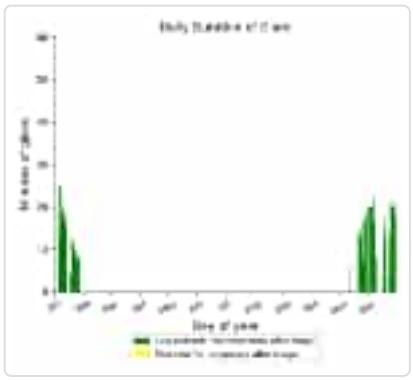


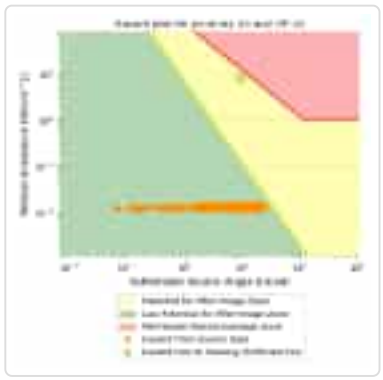
PV array 14: OP 22

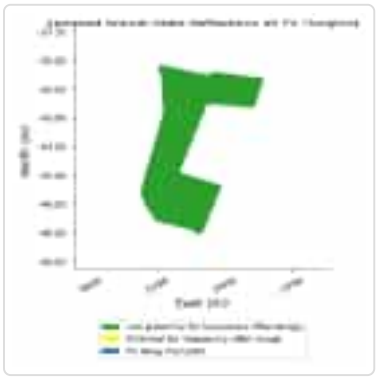
PV array is expected to produce the following glare for this receptor:

- 748 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





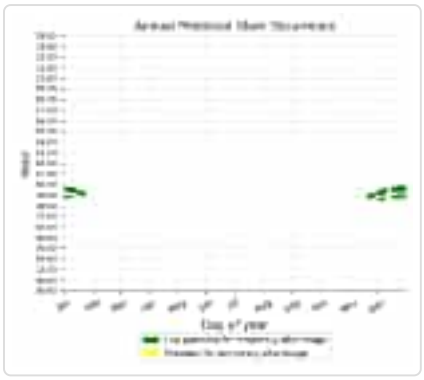


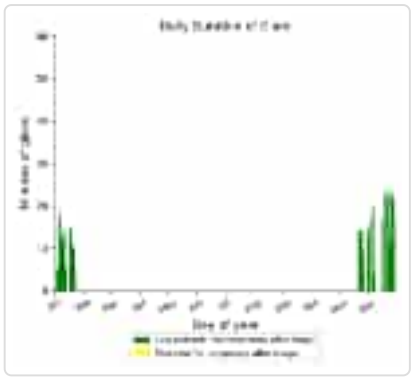


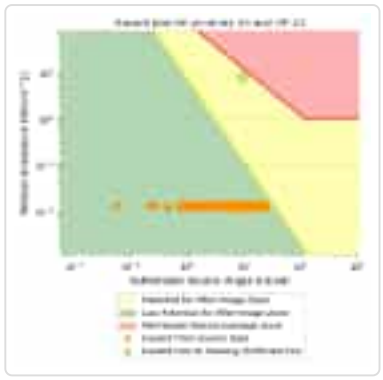
PV array 14: OP 23

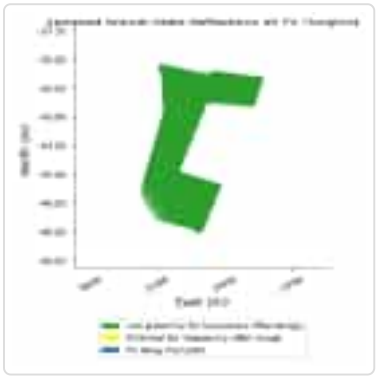
PV array is expected to produce the following glare for this receptor:

- 651 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





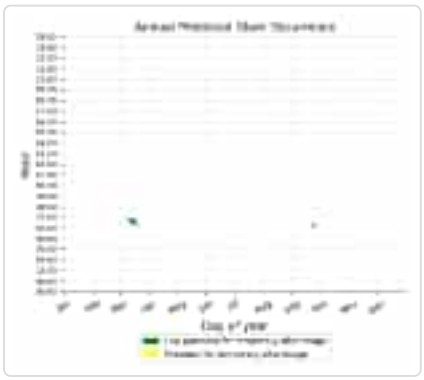


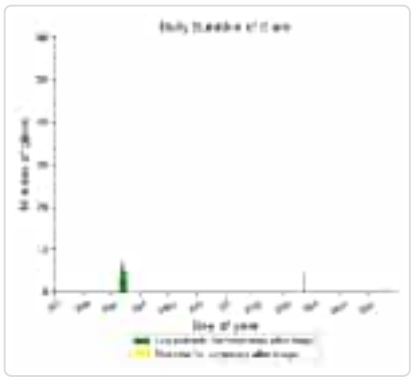


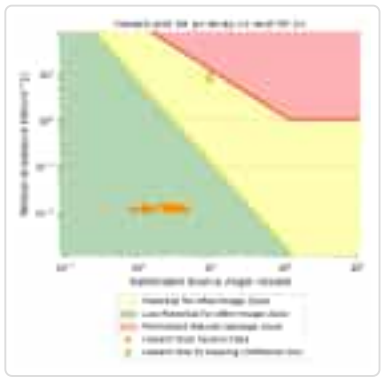
PV array 14: OP 24

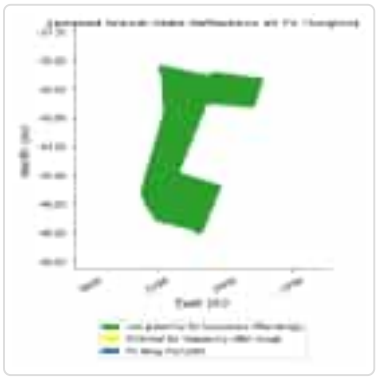
PV array is expected to produce the following glare for this receptor:

- 43 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





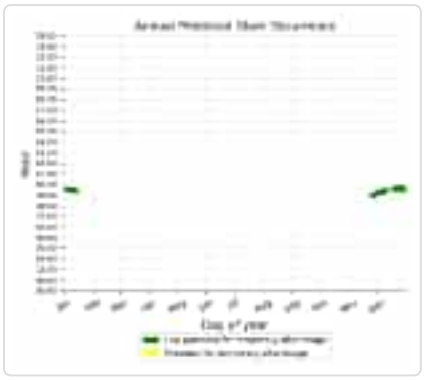


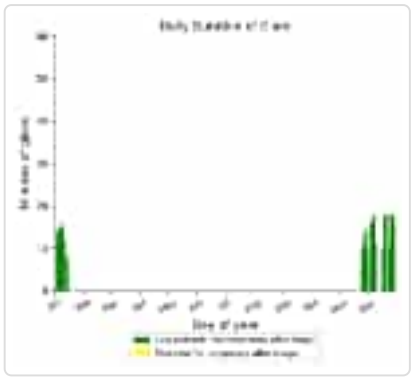


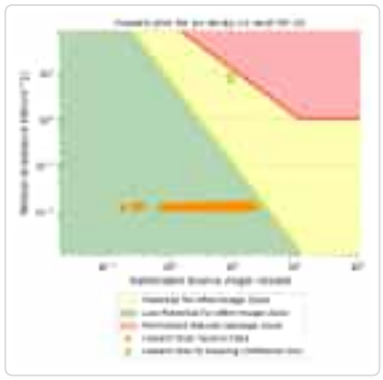
PV array 14: OP 25

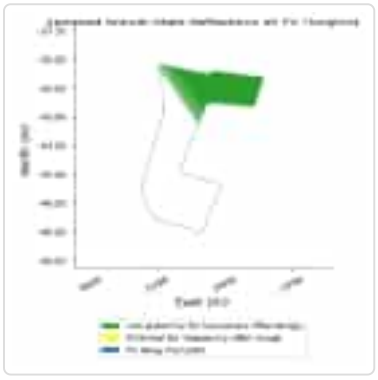
PV array is expected to produce the following glare for this receptor:

- 551 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





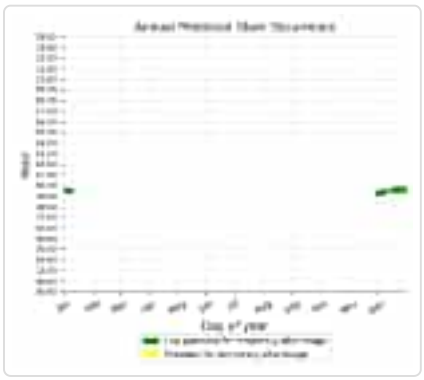


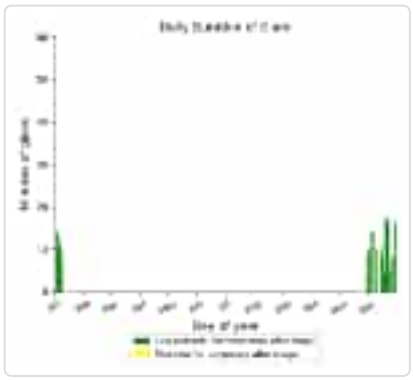


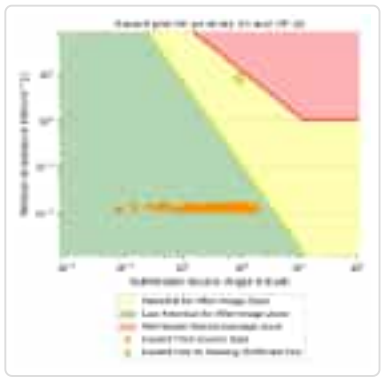
PV array 14: OP 26

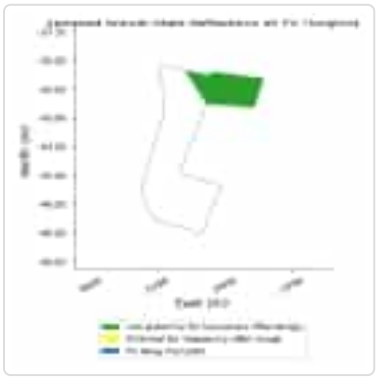
PV array is expected to produce the following glare for this receptor:

- 352 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





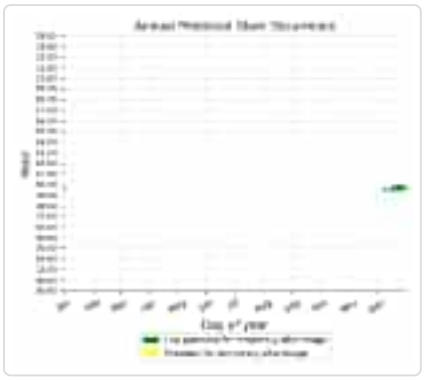


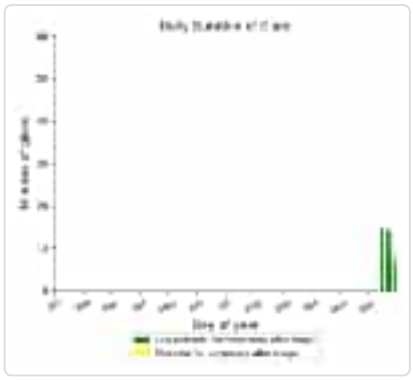


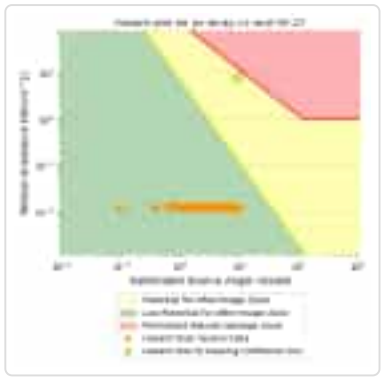
PV array 14: OP 27

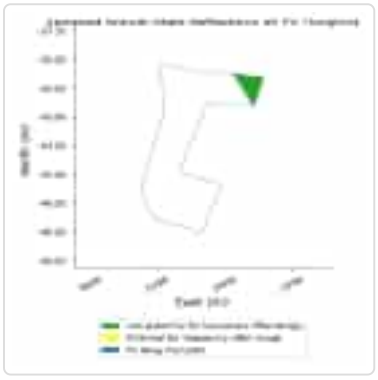
PV array is expected to produce the following glare for this receptor:

- 160 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





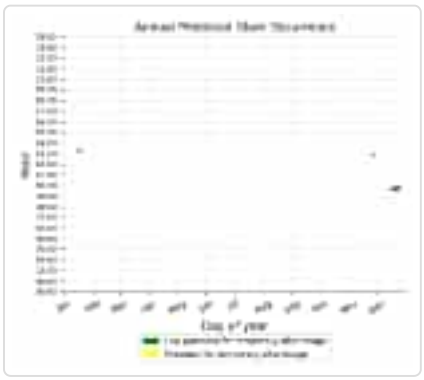


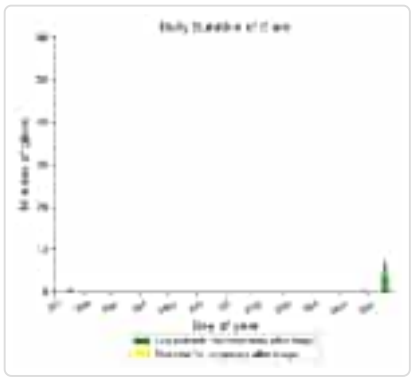


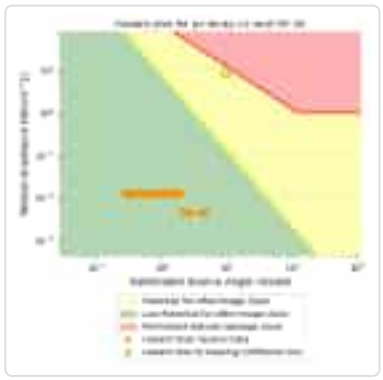
PV array 14: OP 28

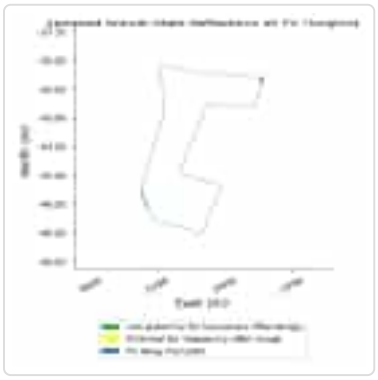
PV array is expected to produce the following glare for this receptor:

- 42 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





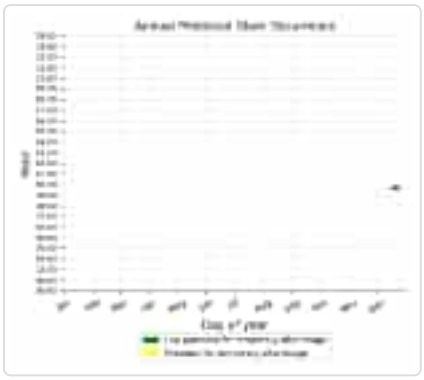


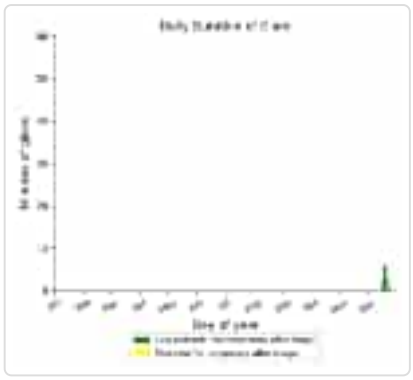


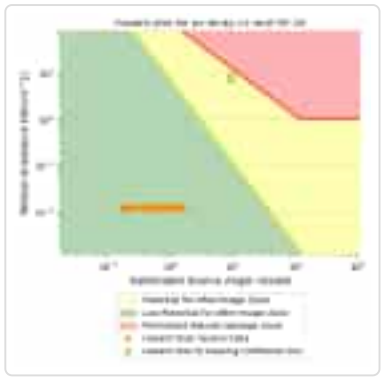
PV array 14: OP 29

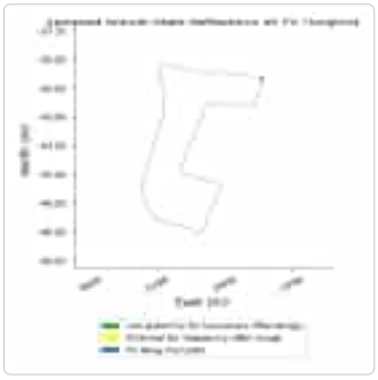
PV array is expected to produce the following glare for this receptor:

- 27 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





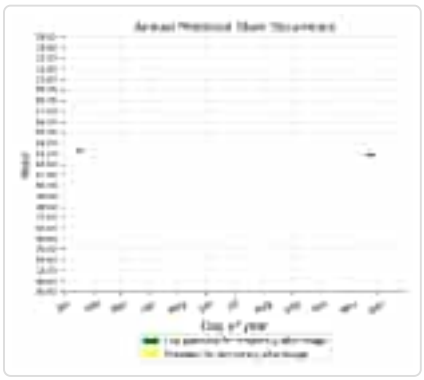


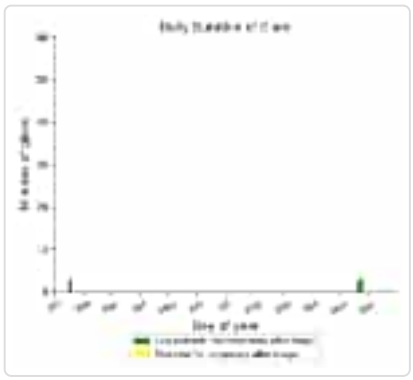


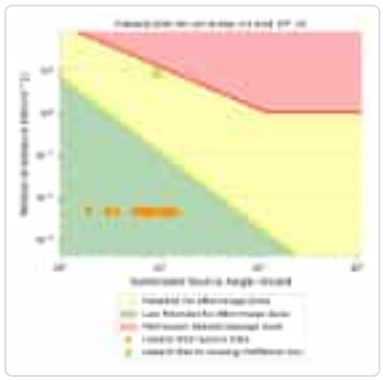
PV array 14: OP 30

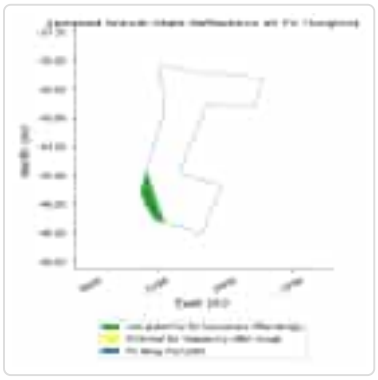
PV array is expected to produce the following glare for this receptor:

- 27 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





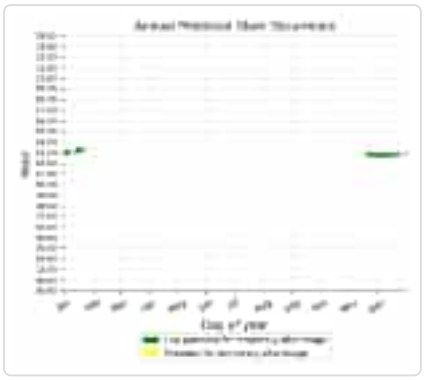


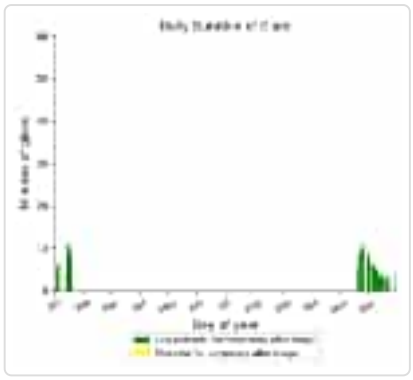


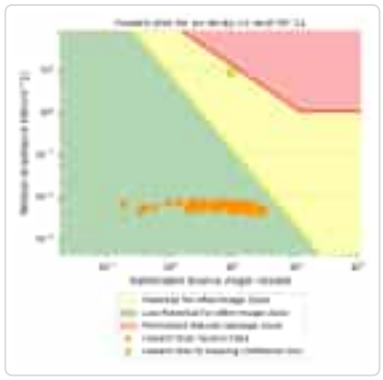
PV array 14: OP 31

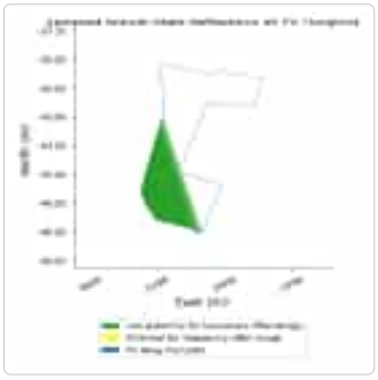
PV array is expected to produce the following glare for this receptor:

- 254 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





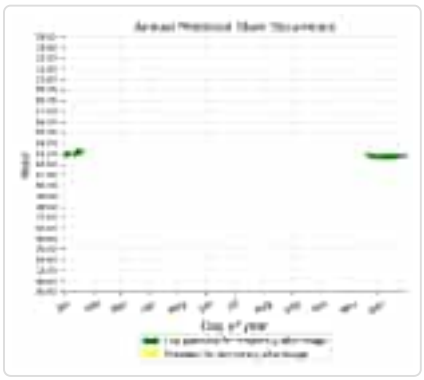


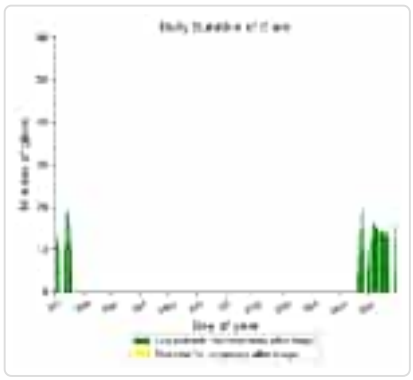


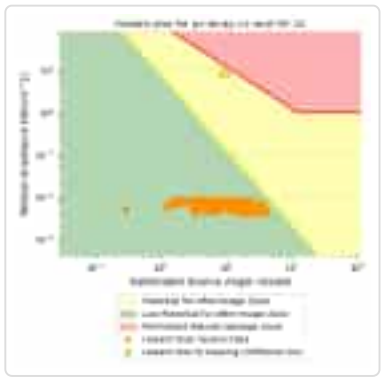
PV array 14: OP 32

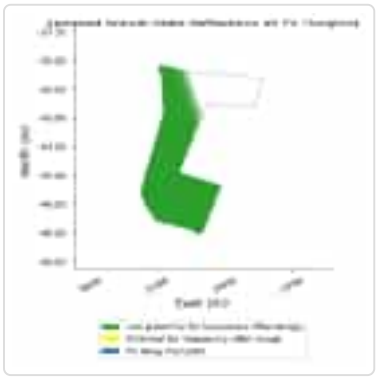
PV array is expected to produce the following glare for this receptor:

- 538 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





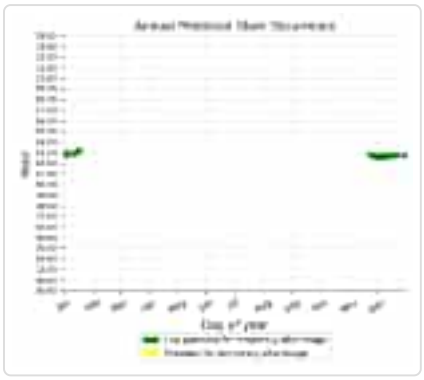


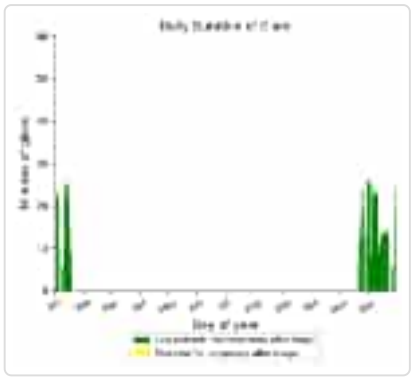


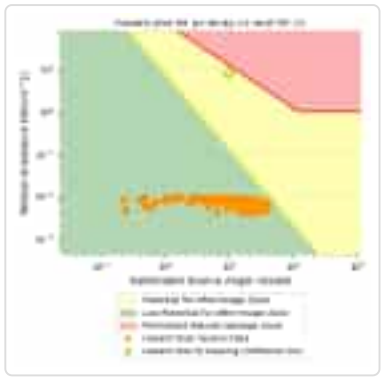
PV array 14: OP 33

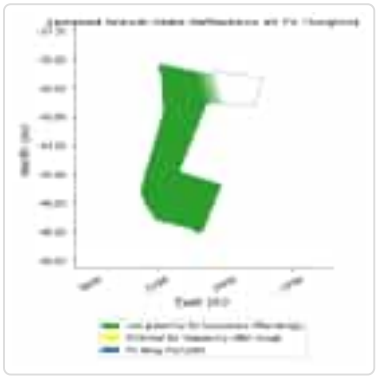
PV array is expected to produce the following glare for this receptor:

- 789 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





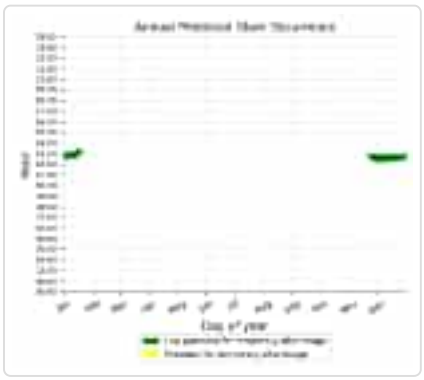


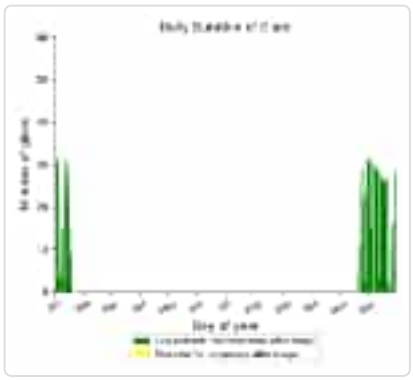


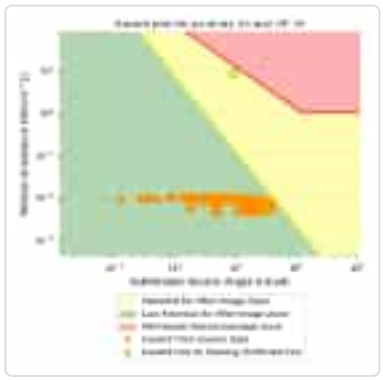
PV array 14: OP 34

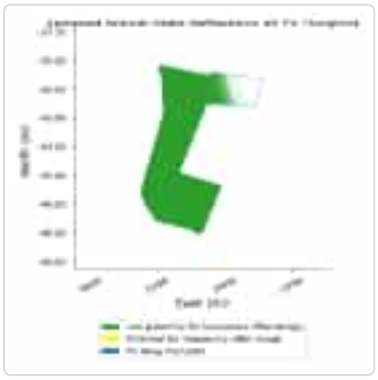
PV array is expected to produce the following glare for this receptor:

- 1,114 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





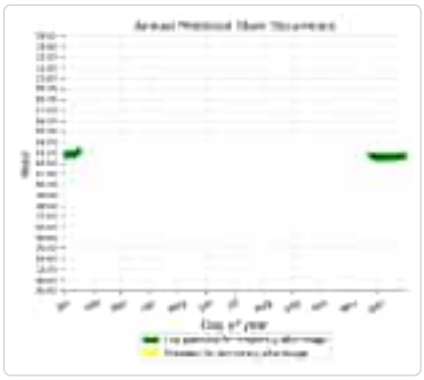


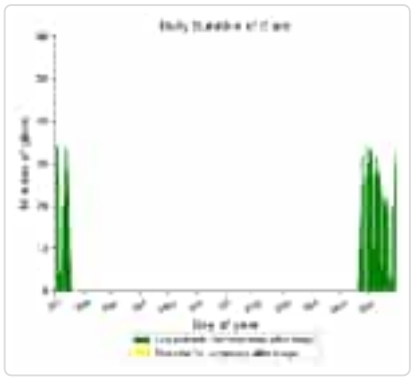


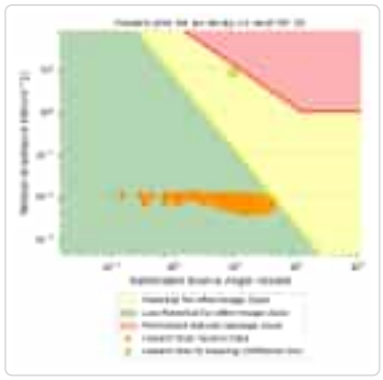
PV array 14: OP 35

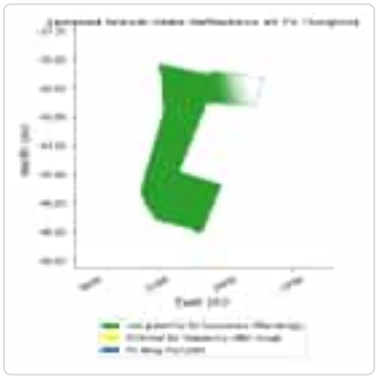
PV array is expected to produce the following glare for this receptor:

- 1,235 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





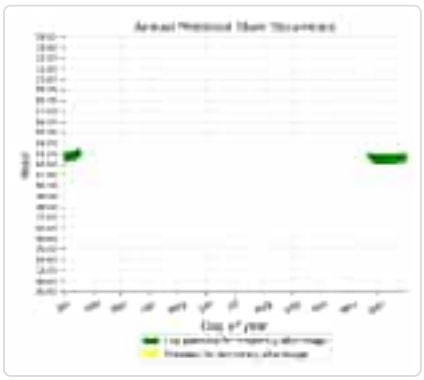


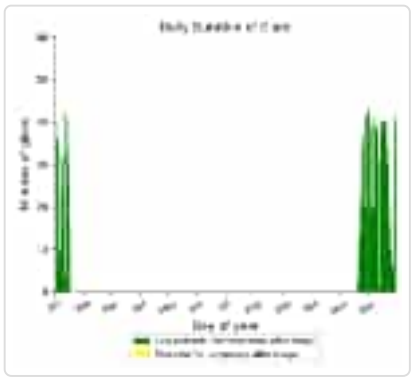


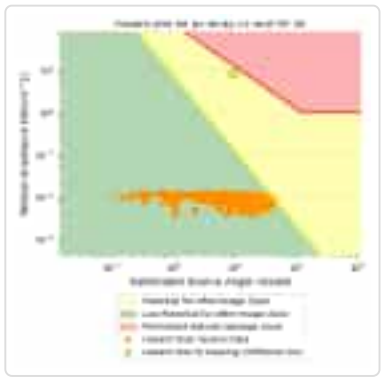
PV array 14: OP 36

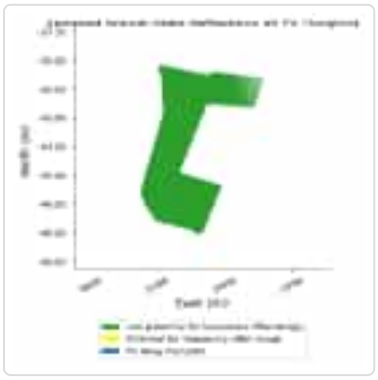
PV array is expected to produce the following glare for this receptor:

- 1,726 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





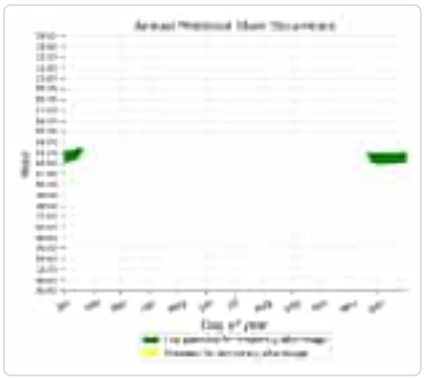


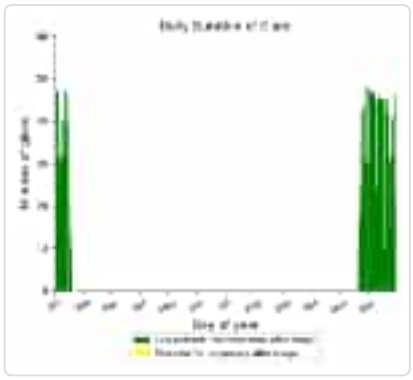


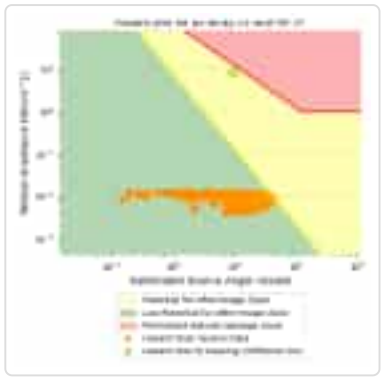
PV array 14: OP 37

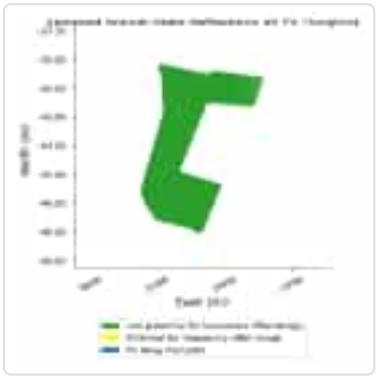
PV array is expected to produce the following glare for this receptor:

- 2,186 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





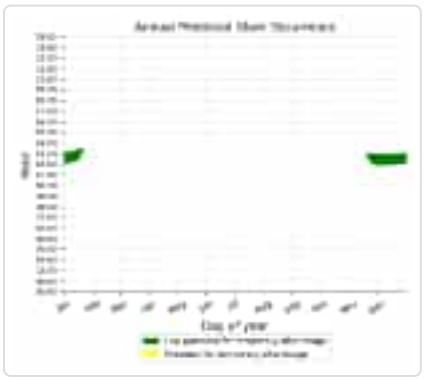


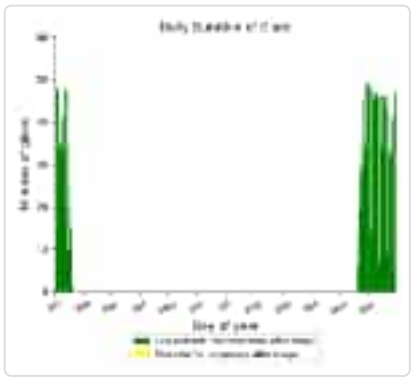


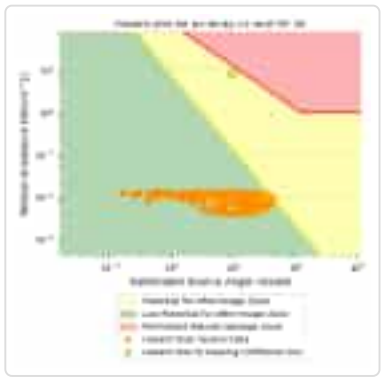
PV array 14: OP 38

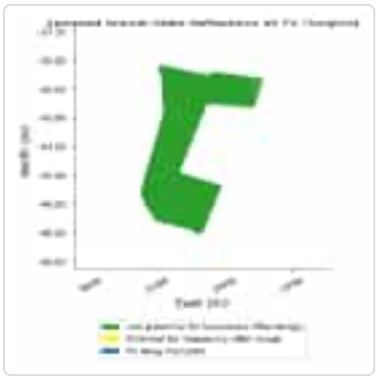
PV array is expected to produce the following glare for this receptor:

- 2,194 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





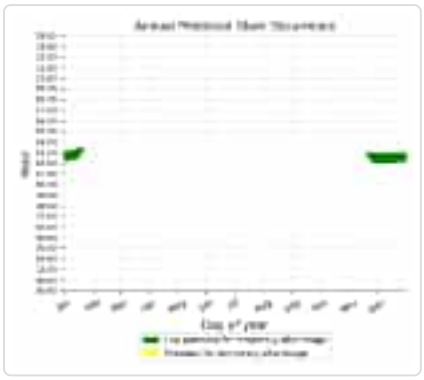


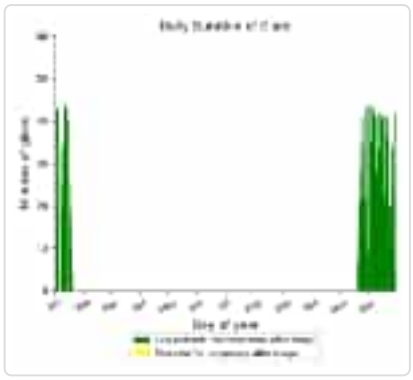


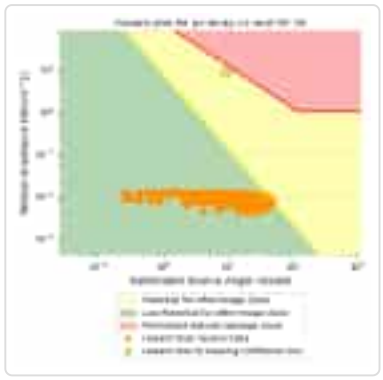
PV array 14: OP 39

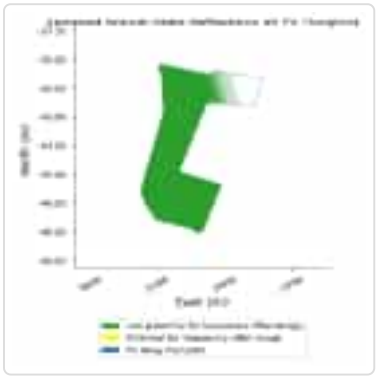
PV array is expected to produce the following glare for this receptor:

- 1,942 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





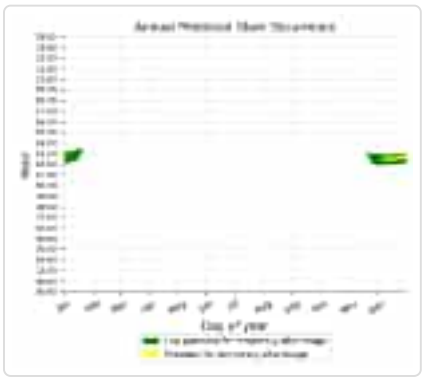


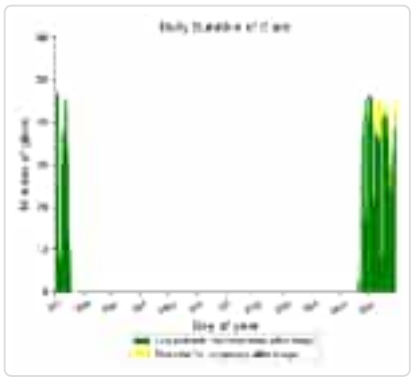


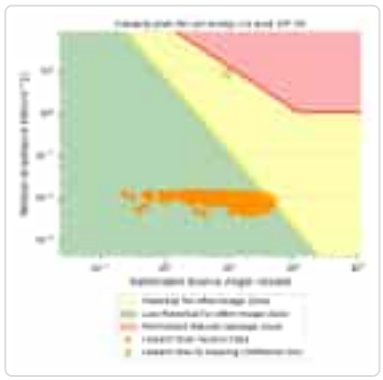
PV array 14: OP 40

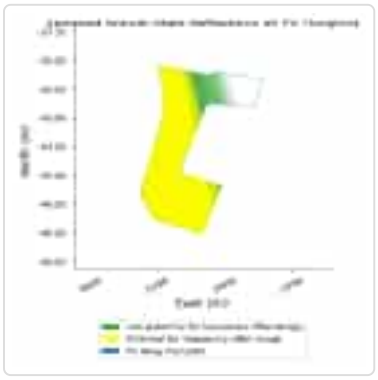
PV array is expected to produce the following glare for this receptor:

- 1,957 minutes of "green" glare with low potential to cause temporary after-image.
- 117 minutes of "yellow" glare with potential to cause temporary after-image.





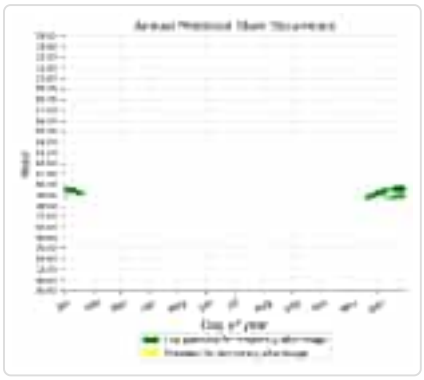


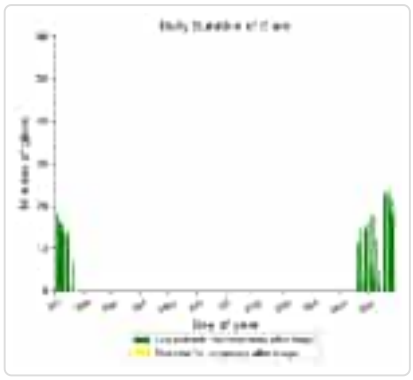


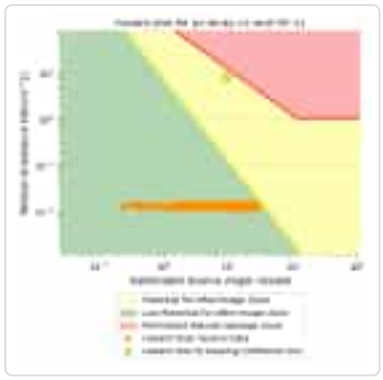
PV array 14: OP 41

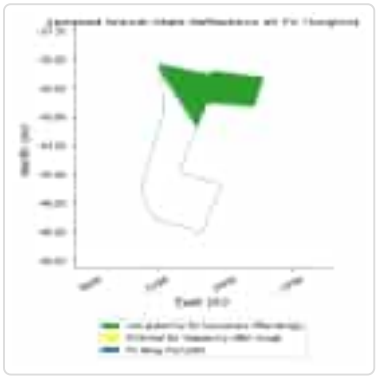
PV array is expected to produce the following glare for this receptor:

- 647 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





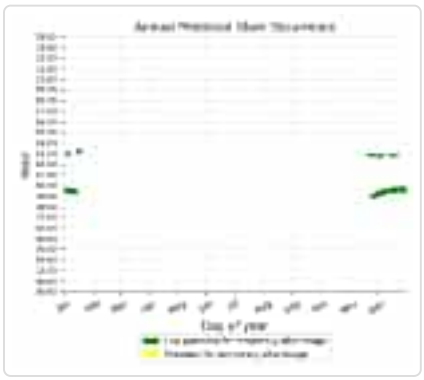


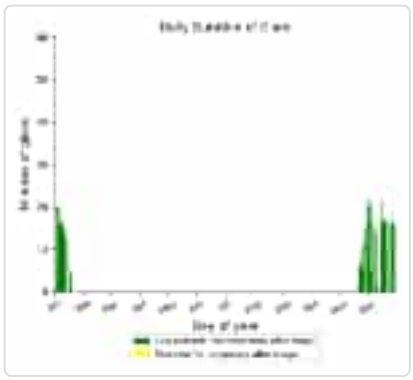


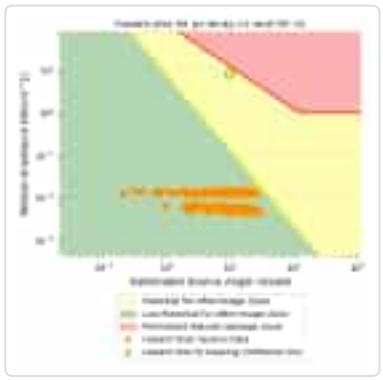
PV array 14: OP 42

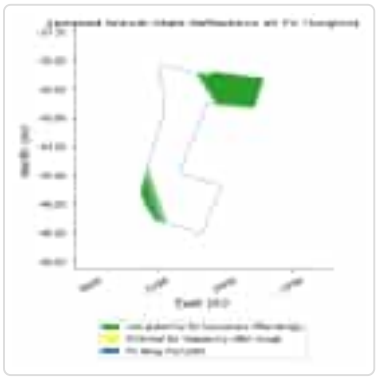
PV array is expected to produce the following glare for this receptor:

- 610 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





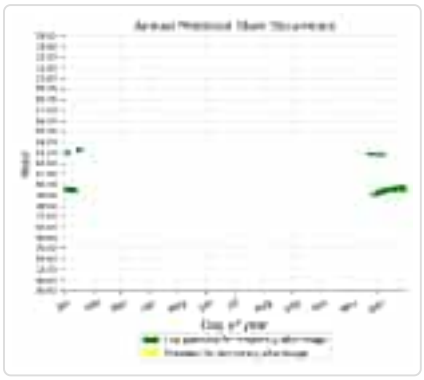


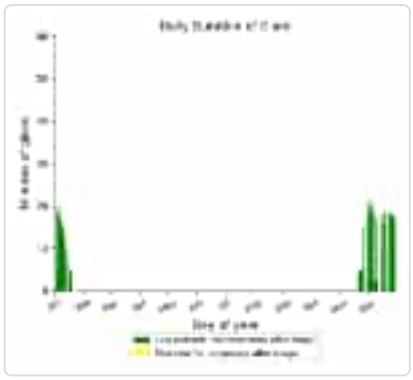


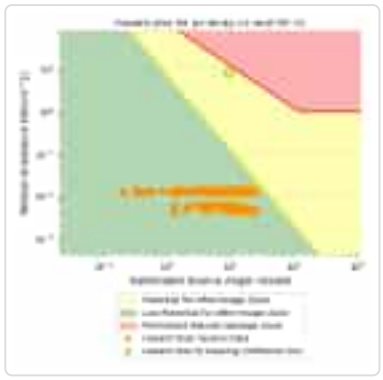
PV array 14: OP 43

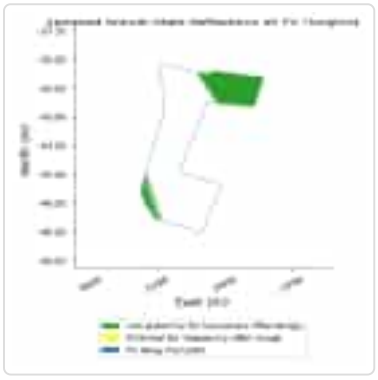
PV array is expected to produce the following glare for this receptor:

- 636 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





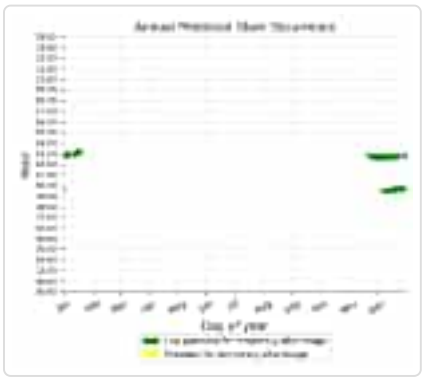


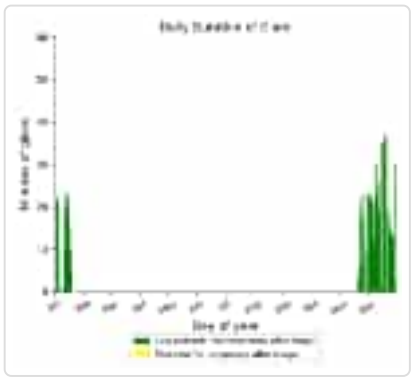


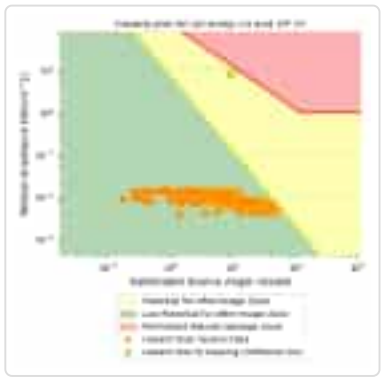
PV array 14: OP 44

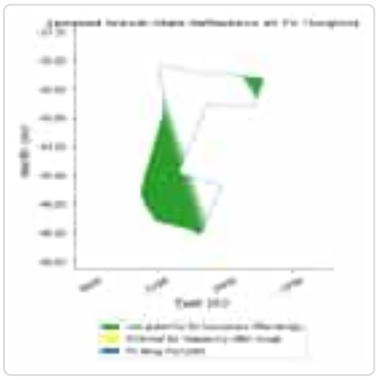
PV array is expected to produce the following glare for this receptor:

- 1,028 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





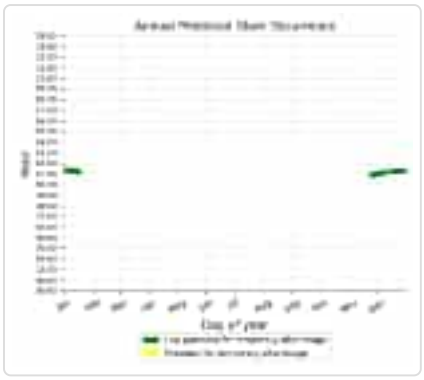


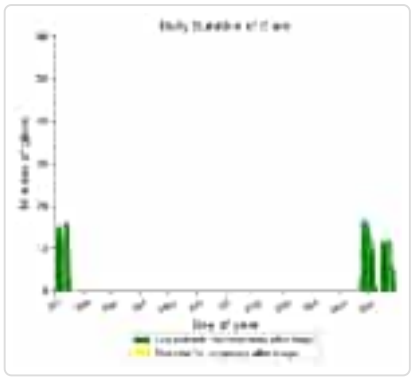


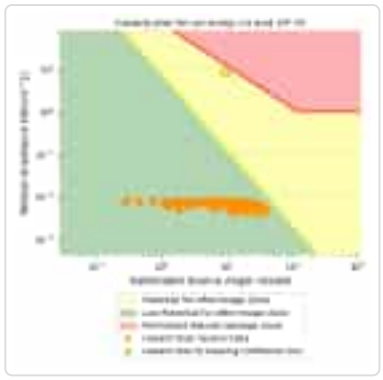
PV array 14: OP 45

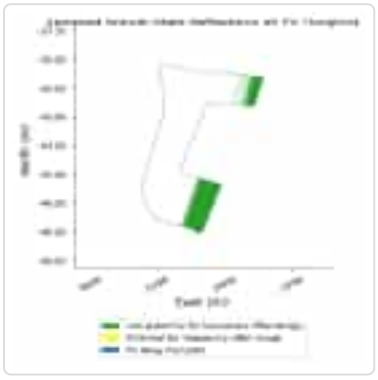
PV array is expected to produce the following glare for this receptor:

- 561 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





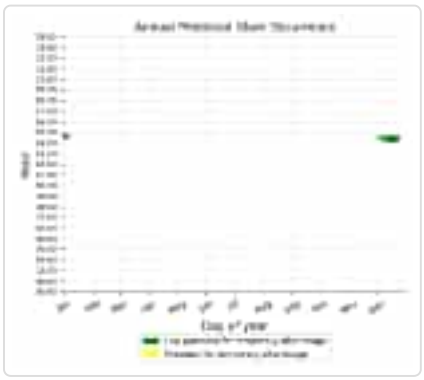


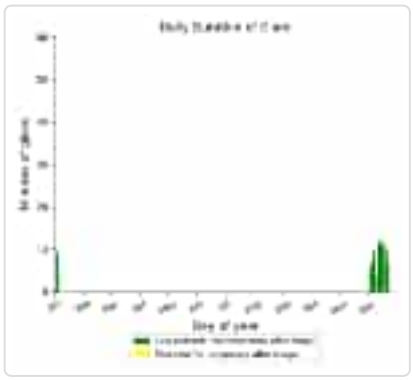


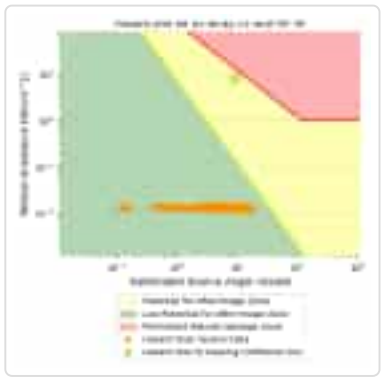
PV array 14: OP 46

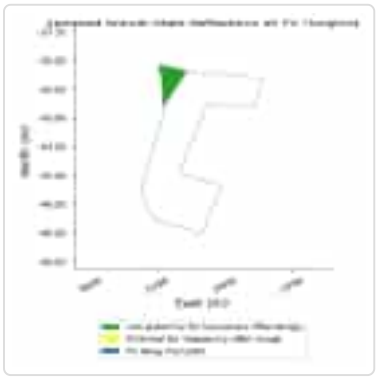
PV array is expected to produce the following glare for this receptor:

- 205 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





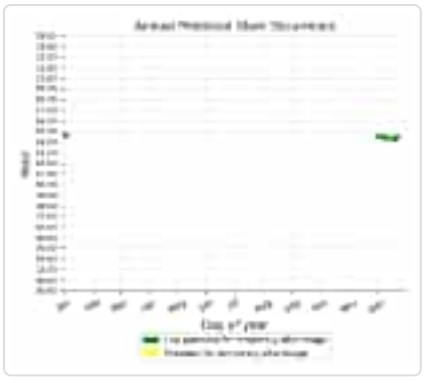


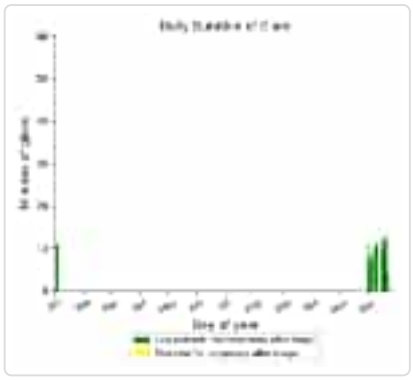


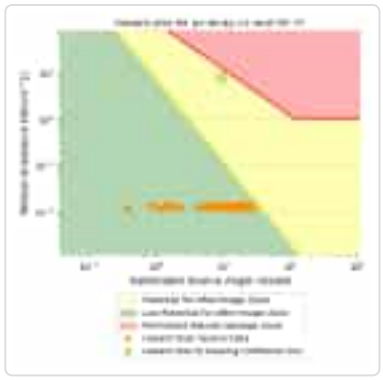
PV array 14: OP 47

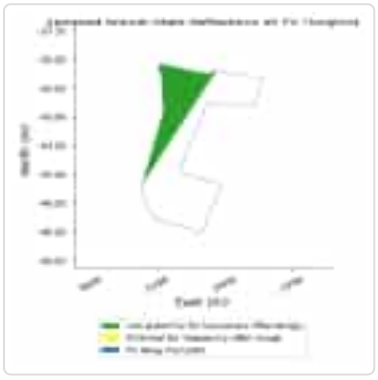
PV array is expected to produce the following glare for this receptor:

- 197 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





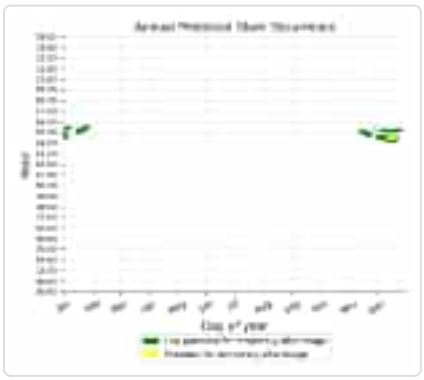


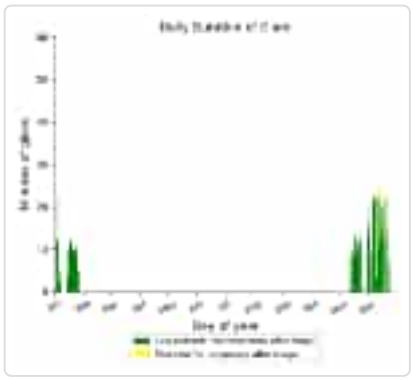


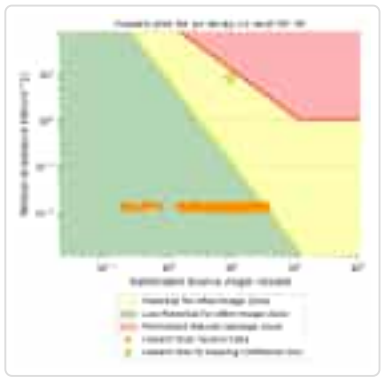
PV array 14: OP 48

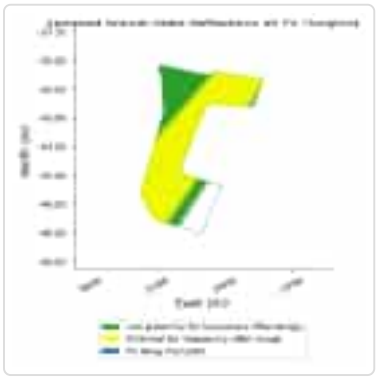
PV array is expected to produce the following glare for this receptor:

- 616 minutes of "green" glare with low potential to cause temporary after-image.
- 17 minutes of "yellow" glare with potential to cause temporary after-image.





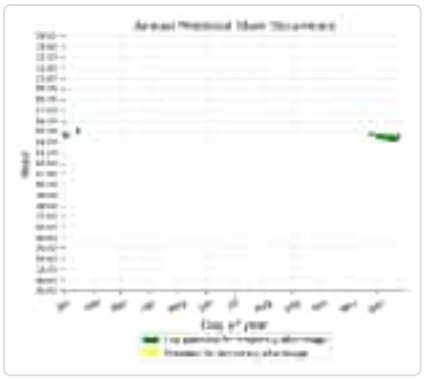


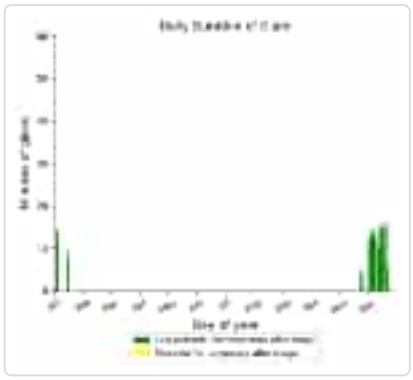


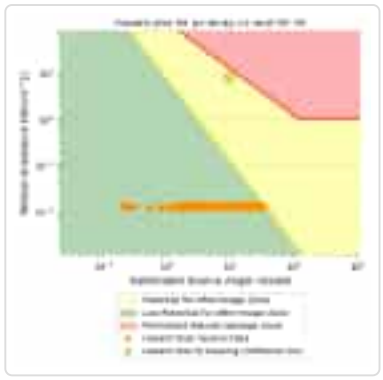
PV array 14: OP 49

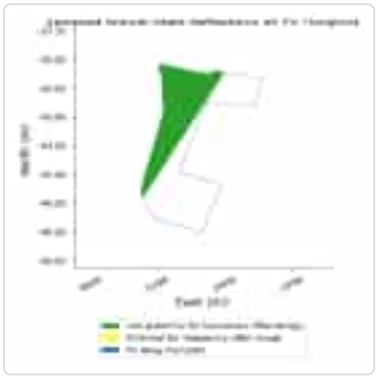
PV array is expected to produce the following glare for this receptor:

- 313 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





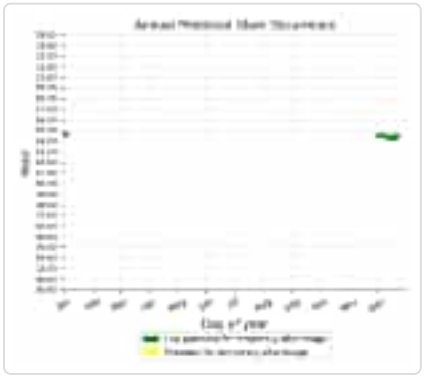


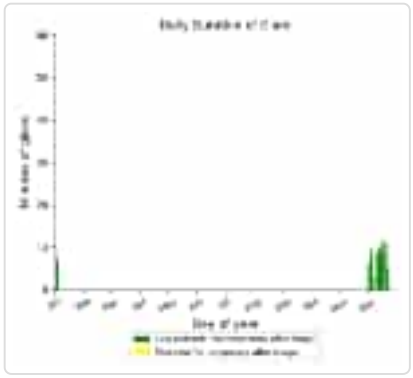


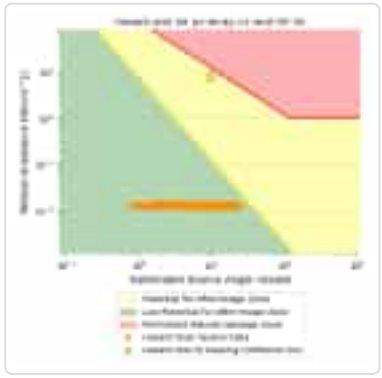
PV array 14: OP 50

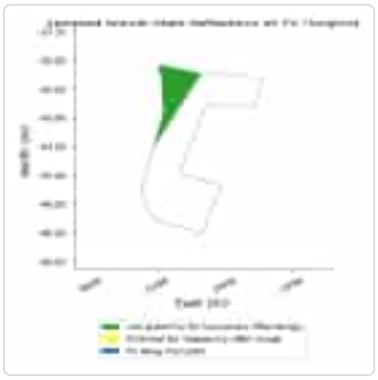
PV array is expected to produce the following glare for this receptor:

- 178 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





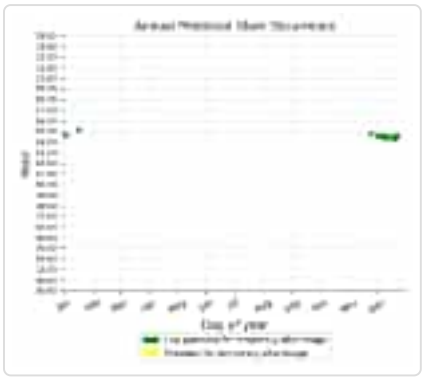


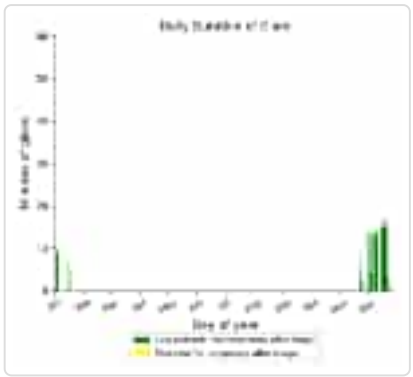


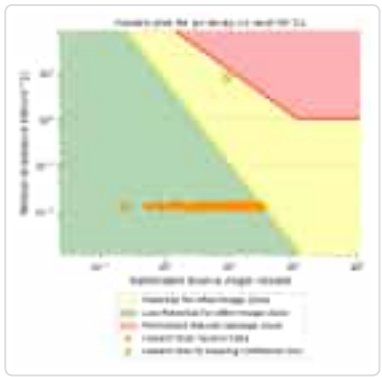
PV array 14: OP 51

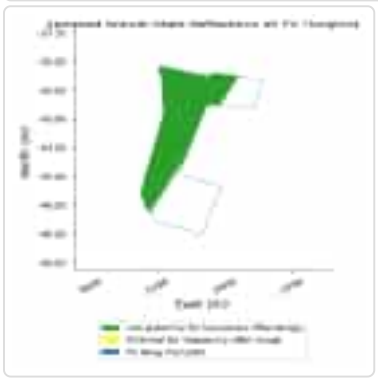
PV array is expected to produce the following glare for this receptor:

- 258 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





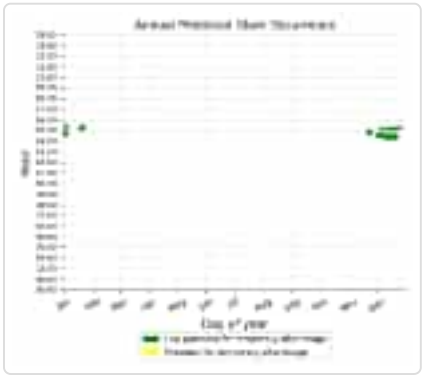


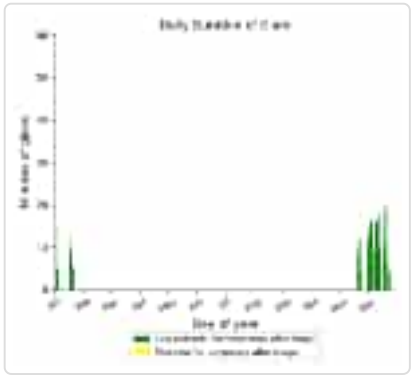


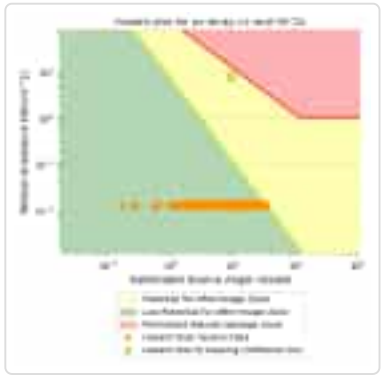
PV array 14: OP 52

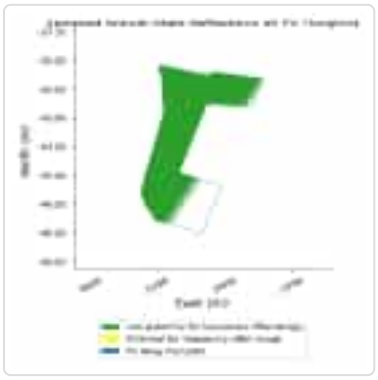
PV array is expected to produce the following glare for this receptor:

- 388 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





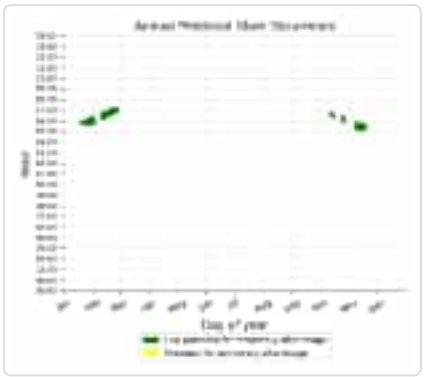


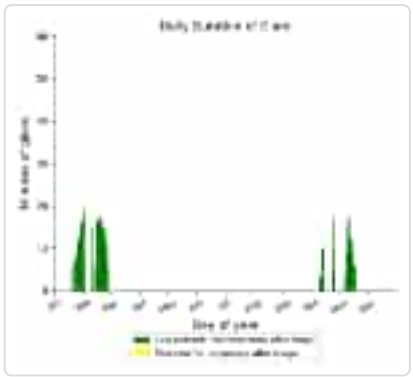


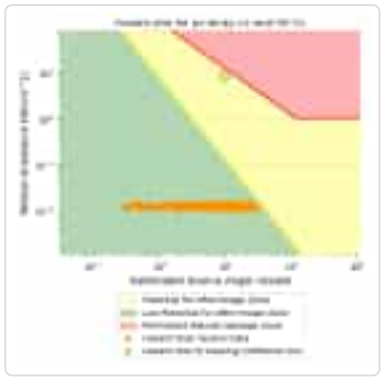
PV array 14: OP 53

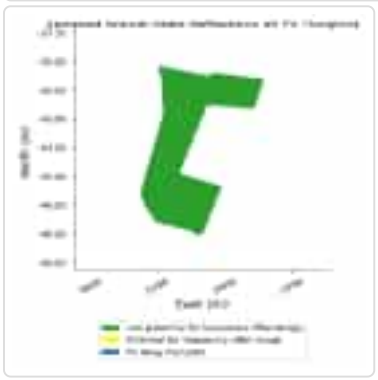
PV array is expected to produce the following glare for this receptor:

- 585 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





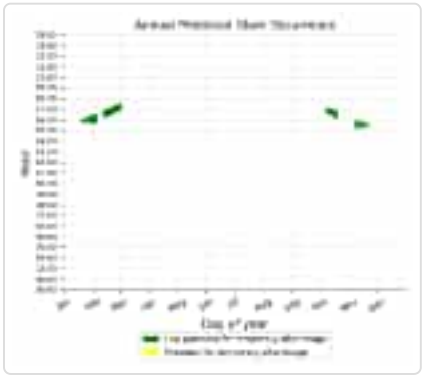


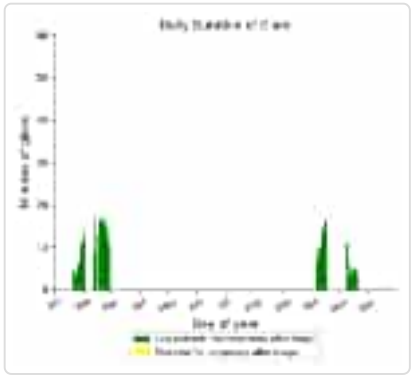


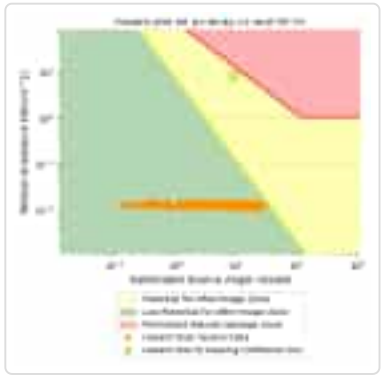
PV array 14: OP 54

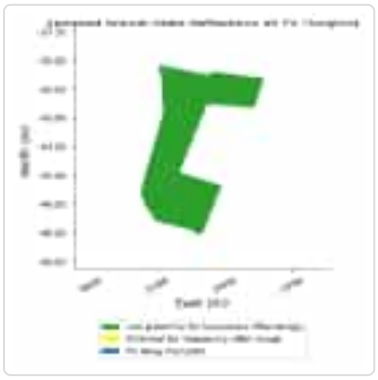
PV array is expected to produce the following glare for this receptor:

- 558 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





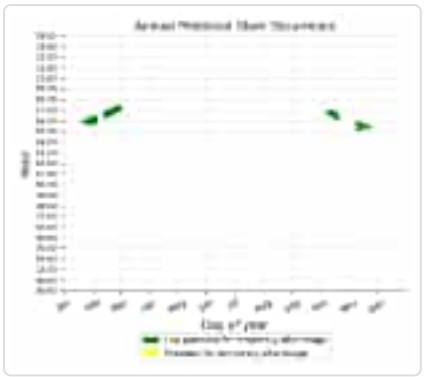


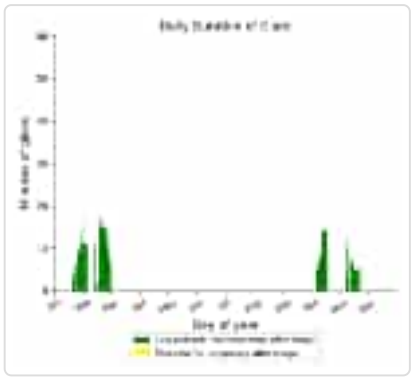


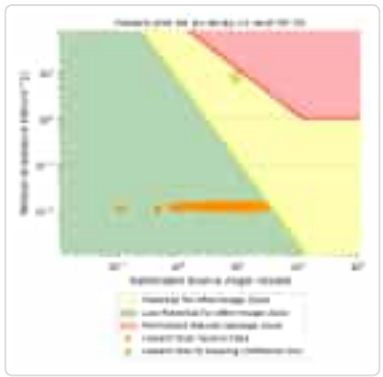
PV array 14: OP 55

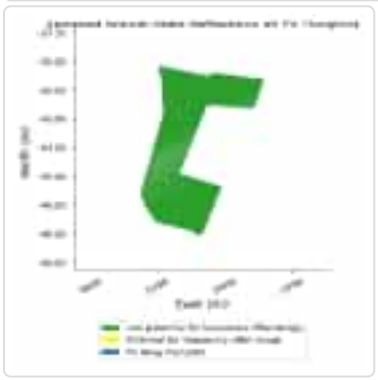
PV array is expected to produce the following glare for this receptor:

- 561 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





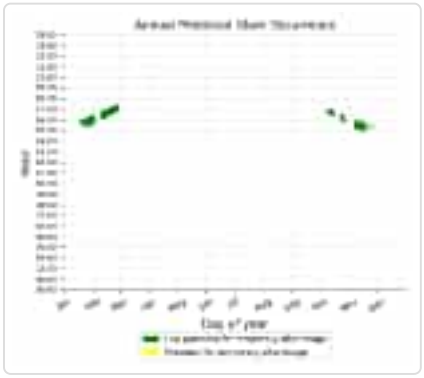


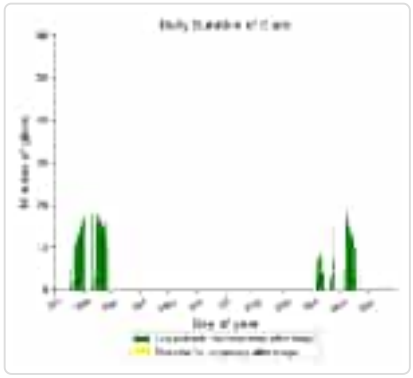


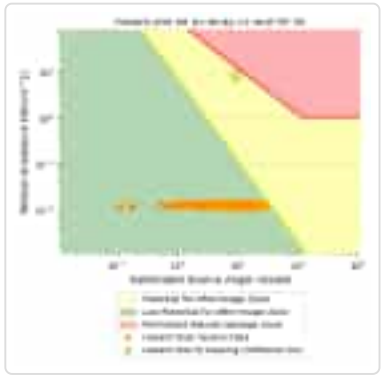
PV array 14: OP 56

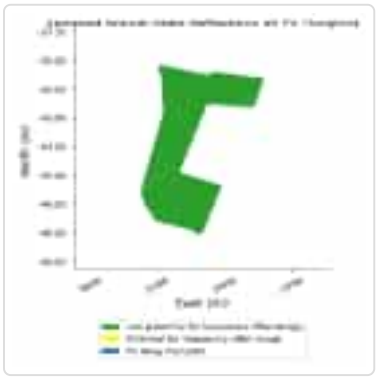
PV array is expected to produce the following glare for this receptor:

- 617 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





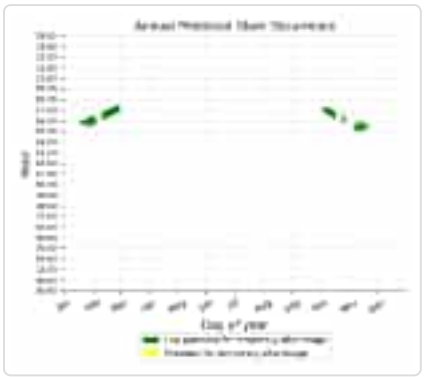


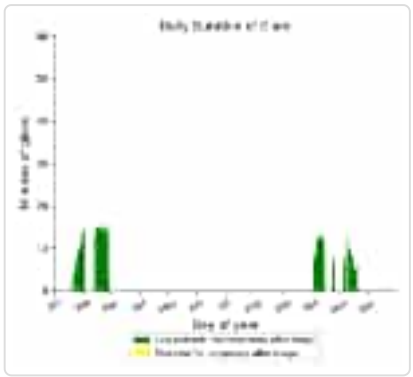


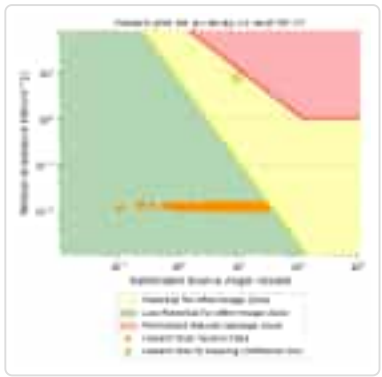
PV array 14: OP 57

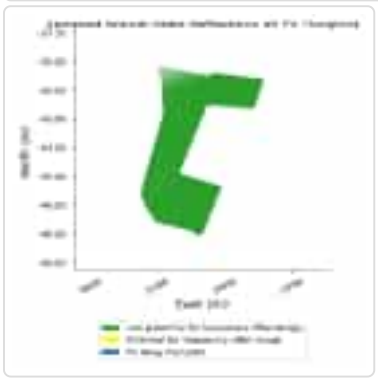
PV array is expected to produce the following glare for this receptor:

- 594 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





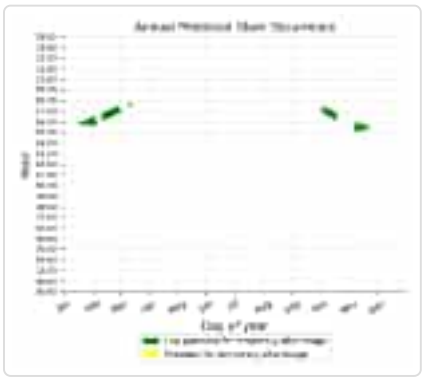


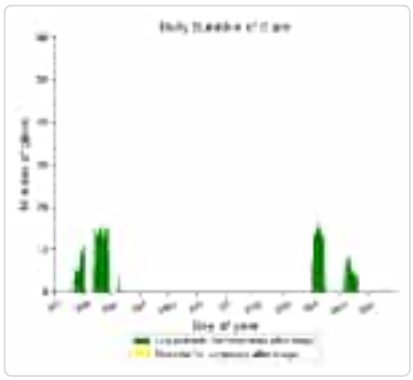


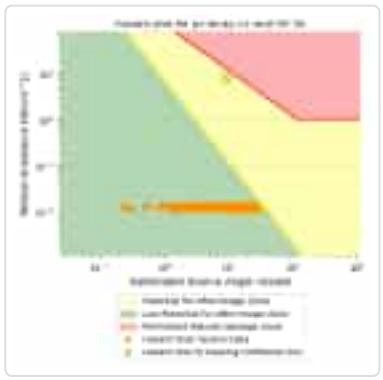
PV array 14: OP 58

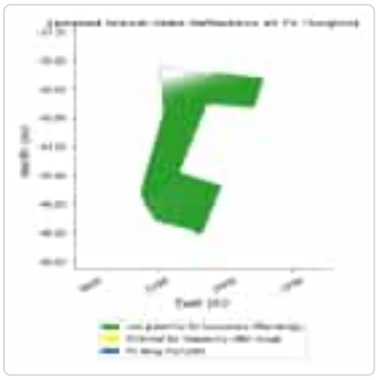
PV array is expected to produce the following glare for this receptor:

- 572 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





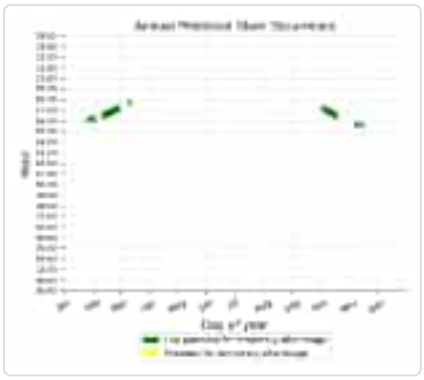


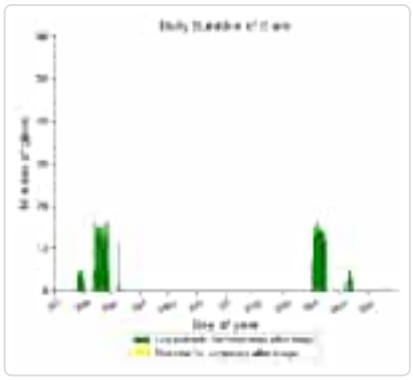


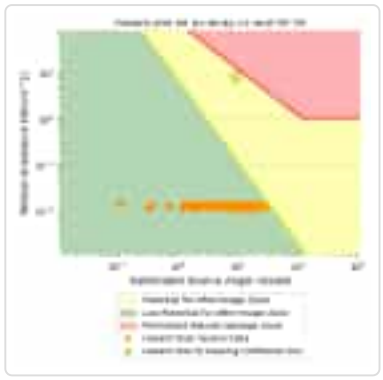
PV array 14: OP 59

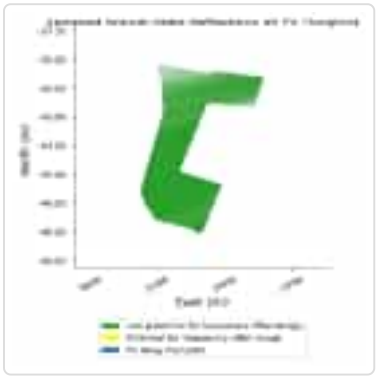
PV array is expected to produce the following glare for this receptor:

- 503 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





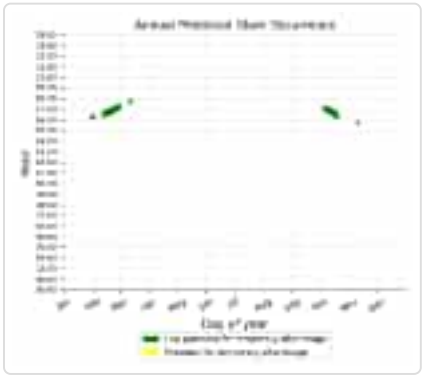


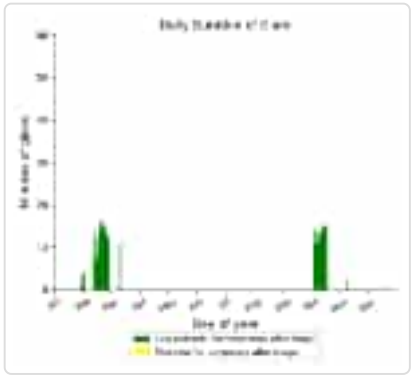


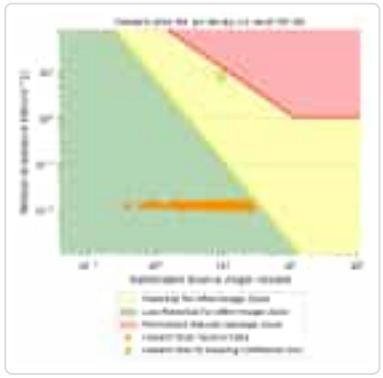
PV array 14: OP 60

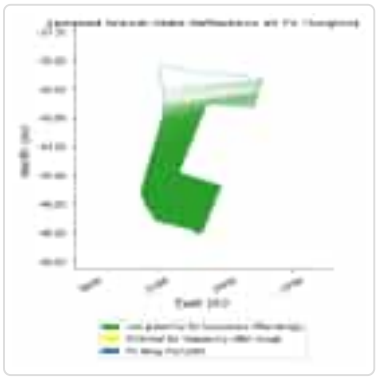
PV array is expected to produce the following glare for this receptor:

- 443 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





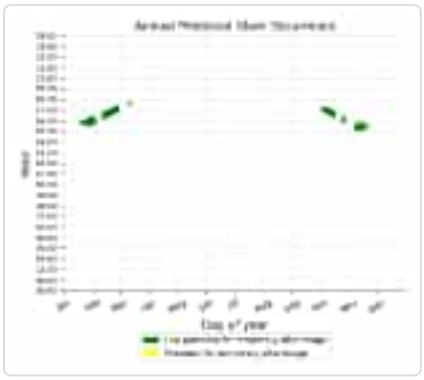


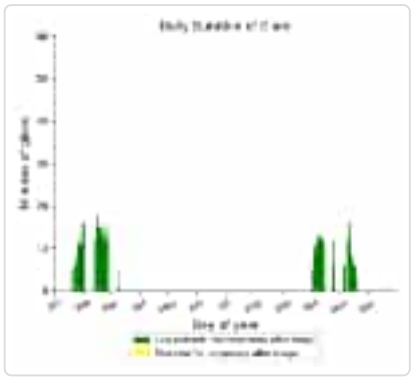


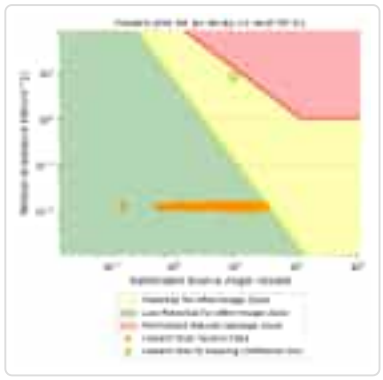
PV array 14: OP 61

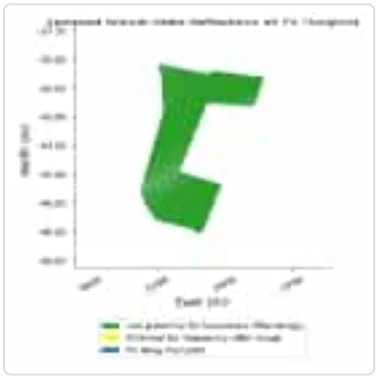
PV array is expected to produce the following glare for this receptor:

- 635 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





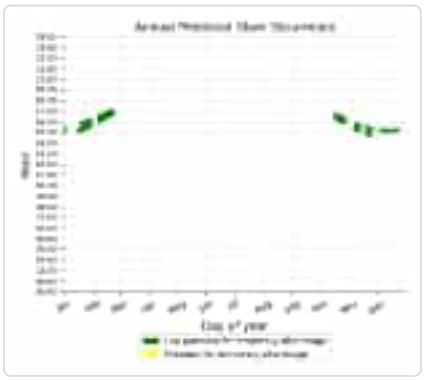


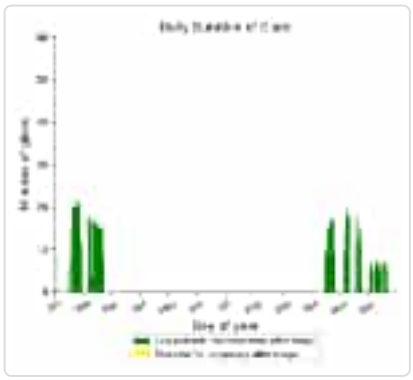


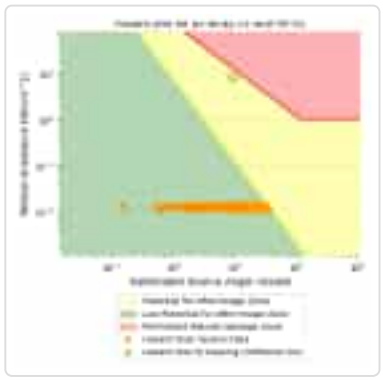
PV array 14: OP 62

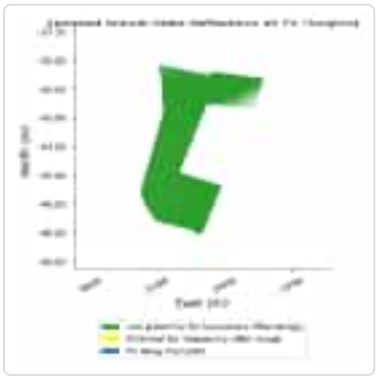
PV array is expected to produce the following glare for this receptor:

- 891 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





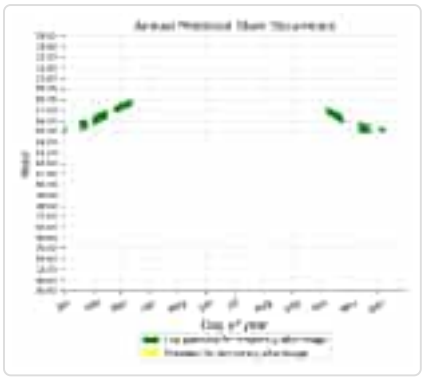


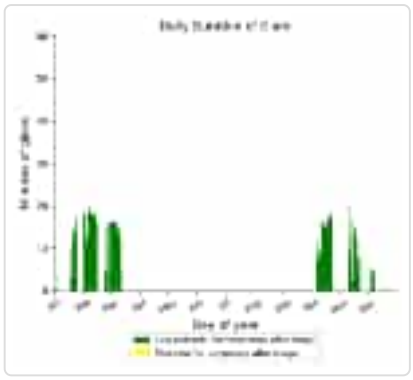


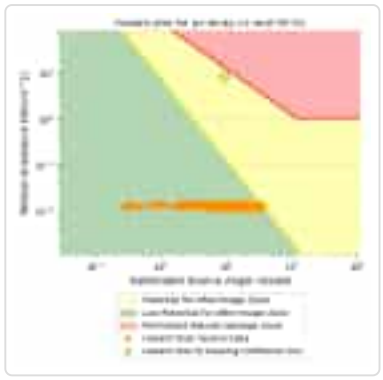
PV array 14: OP 63

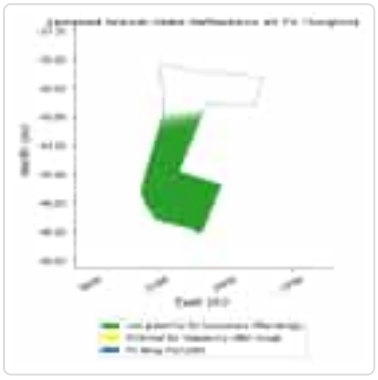
PV array is expected to produce the following glare for this receptor:

- 956 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





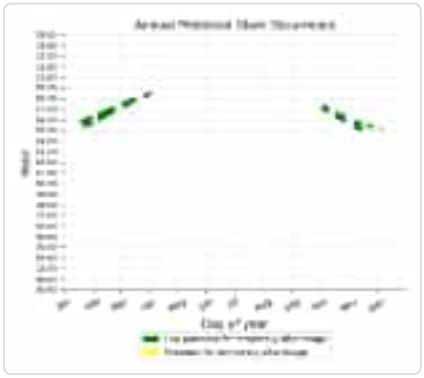


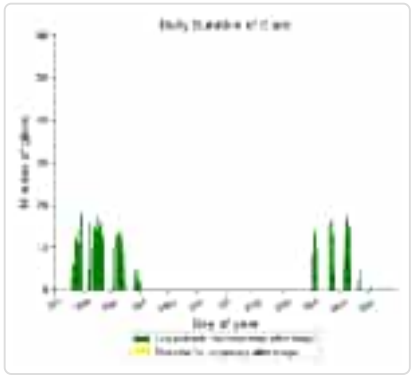


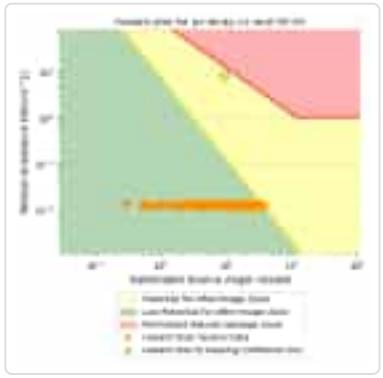
PV array 14: OP 64

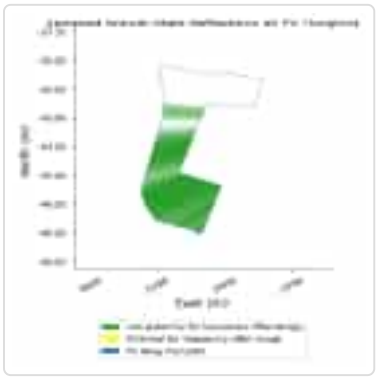
PV array is expected to produce the following glare for this receptor:

- 762 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14: OP 65

No glare found

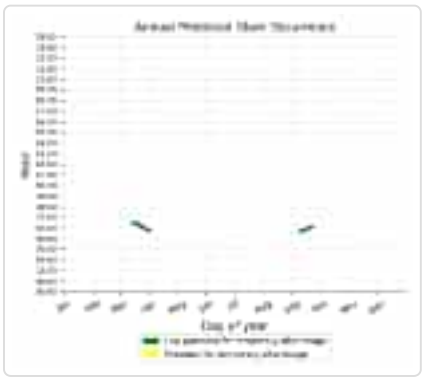
PV array 14: OP 66

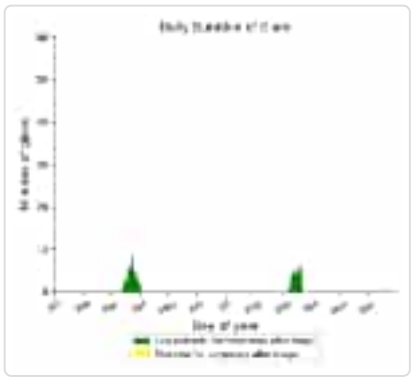
No glare found

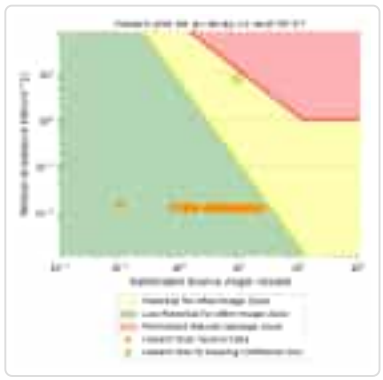
PV array 14: OP 67

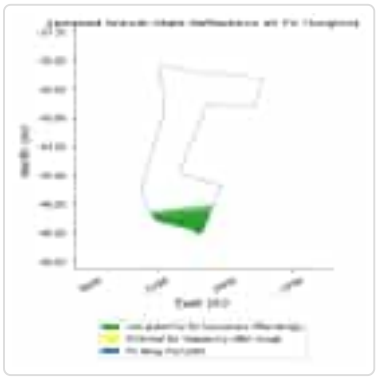
PV array is expected to produce the following glare for this receptor:

- 139 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 14: OP 68

No glare found

PV array 14: OP 69

No glare found

PV array 14: OP 70

No glare found

PV array 14: OP 71

No glare found

PV array 14: OP 72

No glare found

PV array 14: OP 73

No glare found

PV array 14: OP 74

No glare found

PV array 14: OP 75

No glare found

PV array 14: OP 76

No glare found

PV array 14: OP 77

No glare found

PV array 14: OP 78

No glare found

PV array 14: OP 79

No glare found

PV array 15 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	35	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0

OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	316	0
OP: OP 54	19	0
OP: OP 55	0	0
OP: OP 56	284	0
OP: OP 57	333	0
OP: OP 58	276	0
OP: OP 59	309	0
OP: OP 60	327	0
OP: OP 61	298	0
OP: OP 62	168	0
OP: OP 63	586	2
OP: OP 64	501	11
OP: OP 65	0	0
OP: OP 66	16	0
OP: OP 67	49	0
OP: OP 68	26	0
OP: OP 69	27	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	47	0
OP: OP 74	39	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

PV array 15: OP 1

No glare found

PV array 15: OP 2

No glare found

PV array 15: OP 3

No glare found

PV array 15: OP 4

No glare found

PV array 15: OP 5

No glare found

PV array 15: OP 6

No glare found

PV array 15: OP 7

No glare found

PV array 15: OP 8

No glare found

PV array 15: OP 9

No glare found

PV array 15: OP 10

No glare found

PV array 15: OP 11

No glare found

PV array 15: OP 12

No glare found

PV array 15: OP 13

No glare found

PV array 15: OP 14

No glare found

PV array 15: OP 15

No glare found

PV array 15: OP 16

No glare found

PV array 15: OP 17

No glare found

PV array 15: OP 18

No glare found

PV array 15: OP 19

No glare found

PV array 15: OP 20

No glare found

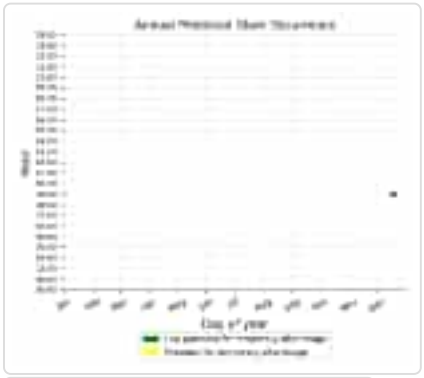
PV array 15: OP 21

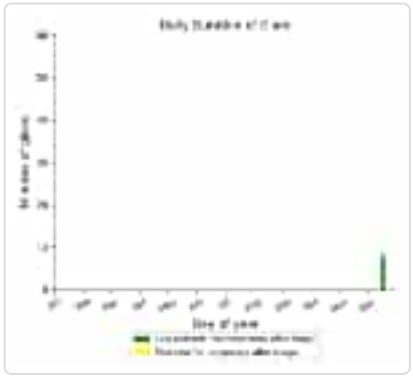
No glare found

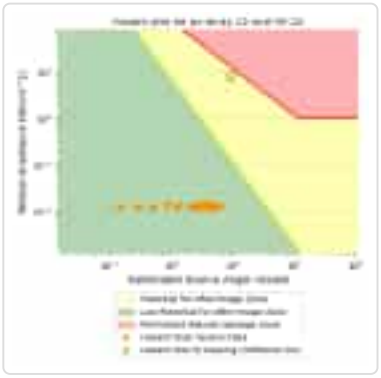
PV array 15: OP 22

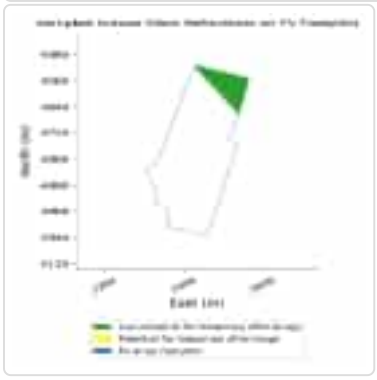
PV array is expected to produce the following glare for this receptor:

- 35 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 23

No glare found

PV array 15: OP 24

No glare found

PV array 15: OP 25

No glare found

PV array 15: OP 26

No glare found

PV array 15: OP 27

No glare found

PV array 15: OP 28

No glare found

PV array 15: OP 29

No glare found

PV array 15: OP 30

No glare found

PV array 15: OP 31

No glare found

PV array 15: OP 32

No glare found

PV array 15: OP 33

No glare found

PV array 15: OP 34

No glare found

PV array 15: OP 35

No glare found

PV array 15: OP 36

No glare found

PV array 15: OP 37

No glare found

PV array 15: OP 38

No glare found

PV array 15: OP 39

No glare found

PV array 15: OP 40

No glare found

PV array 15: OP 41

No glare found

PV array 15: OP 42

No glare found

PV array 15: OP 43

No glare found

PV array 15: OP 44

No glare found

PV array 15: OP 45

No glare found

PV array 15: OP 46

No glare found

PV array 15: OP 47

No glare found

PV array 15: OP 48

No glare found

PV array 15: OP 49

No glare found

PV array 15: OP 50

No glare found

PV array 15: OP 51

No glare found

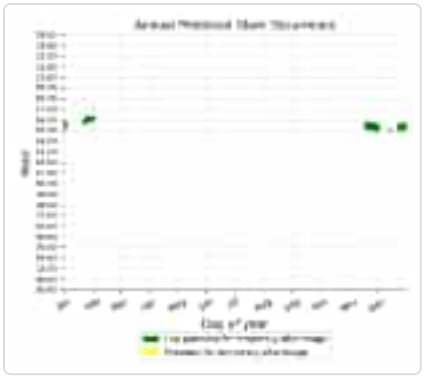
PV array 15: OP 52

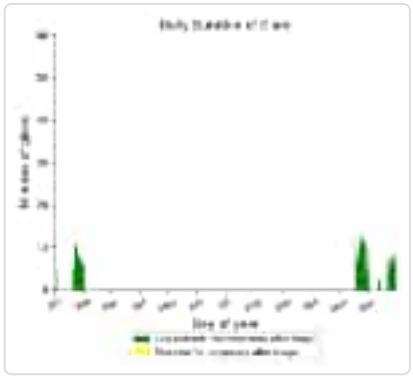
No glare found

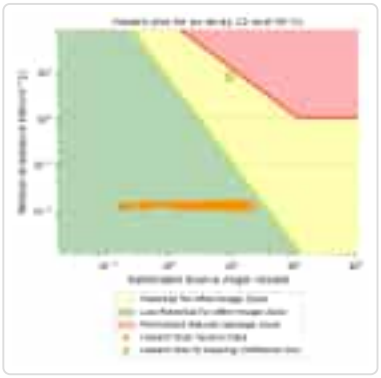
PV array 15: OP 53

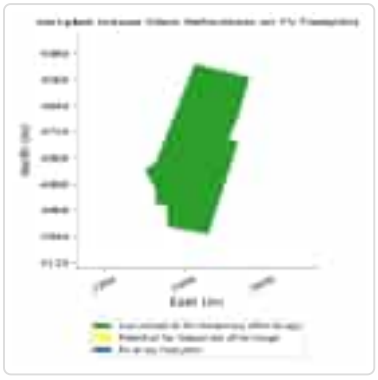
PV array is expected to produce the following glare for this receptor:

- 316 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





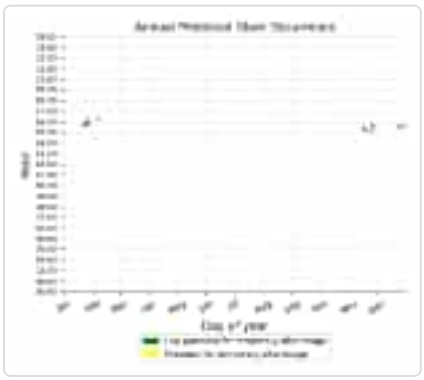


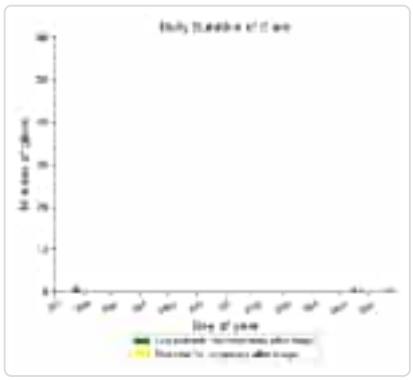


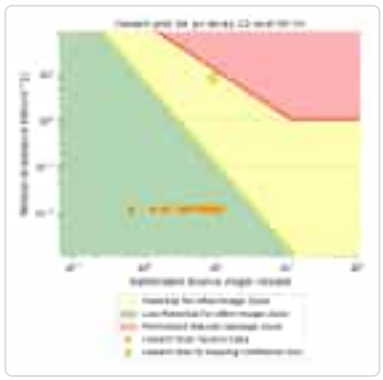
PV array 15: OP 54

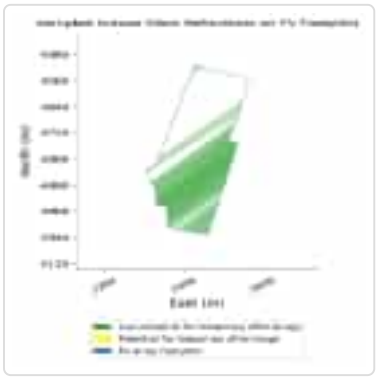
PV array is expected to produce the following glare for this receptor:

- 19 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









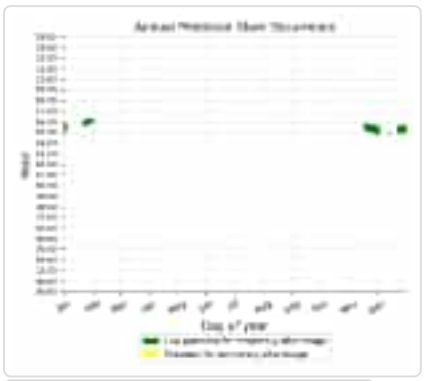
PV array 15: OP 55

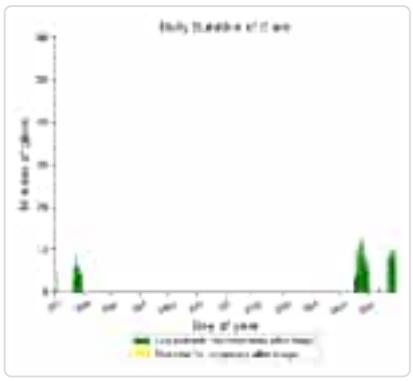
No glare found

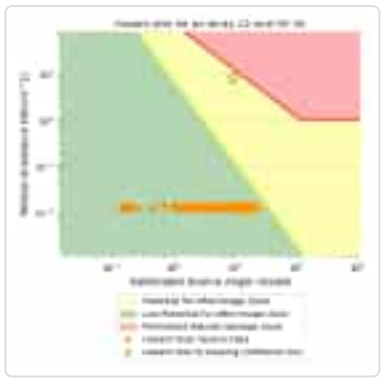
PV array 15: OP 56

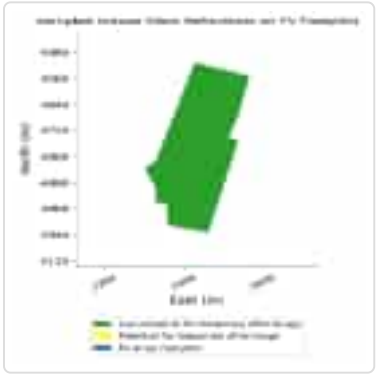
PV array is expected to produce the following glare for this receptor:

- 284 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





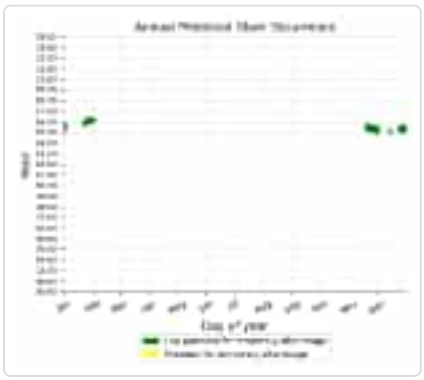


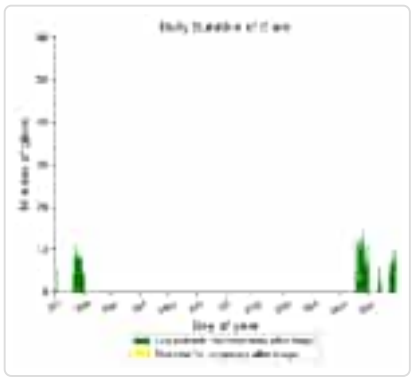


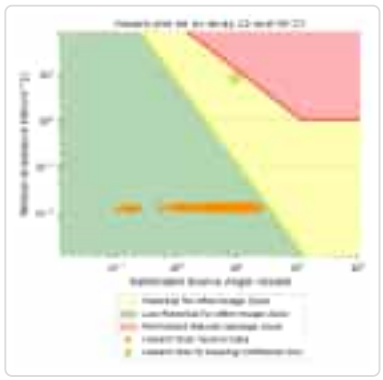
PV array 15: OP 57

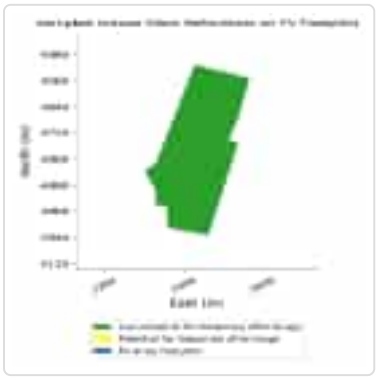
PV array is expected to produce the following glare for this receptor:

- 333 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





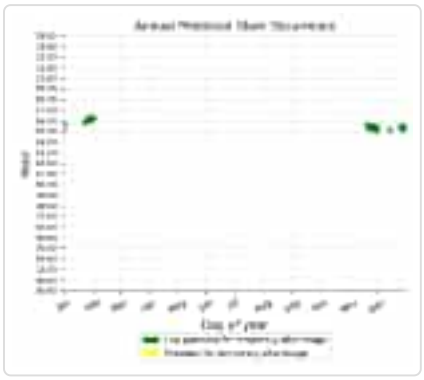


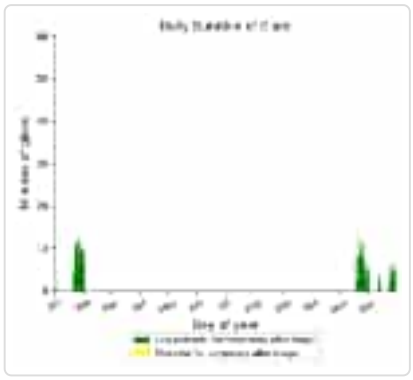


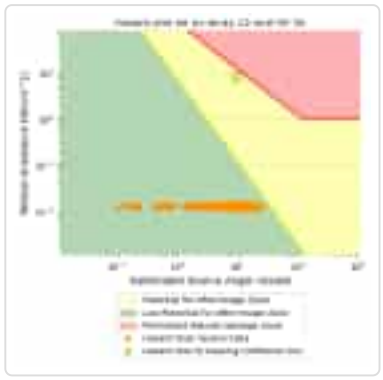
PV array 15: OP 58

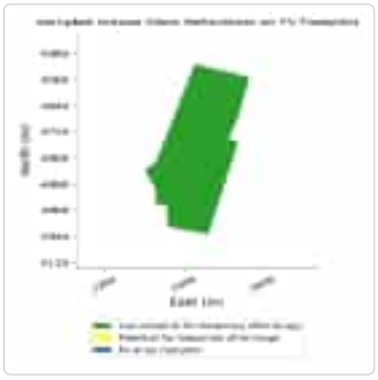
PV array is expected to produce the following glare for this receptor:

- 276 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





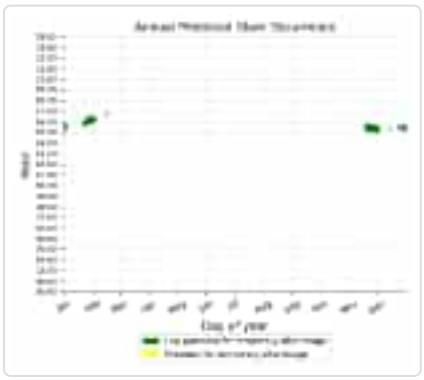


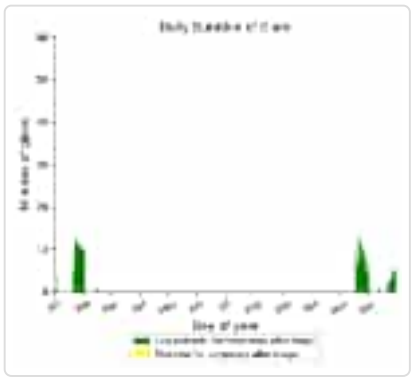


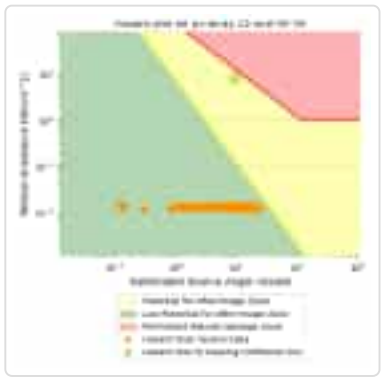
PV array 15: OP 59

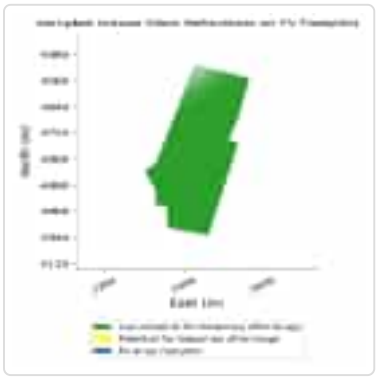
PV array is expected to produce the following glare for this receptor:

- 309 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





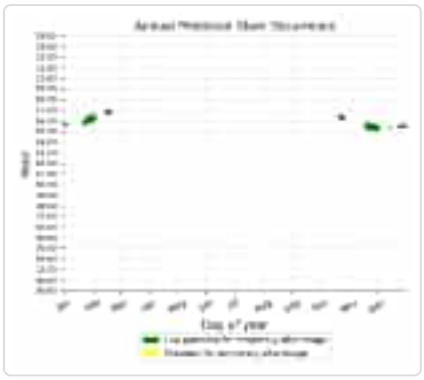


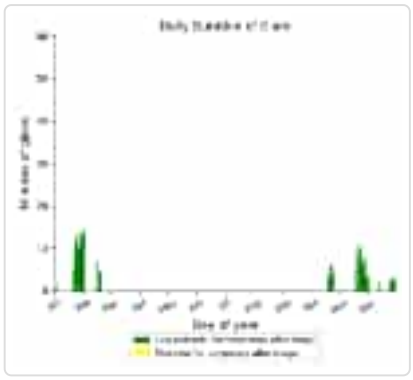


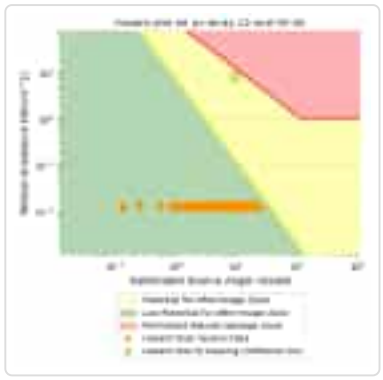
PV array 15: OP 60

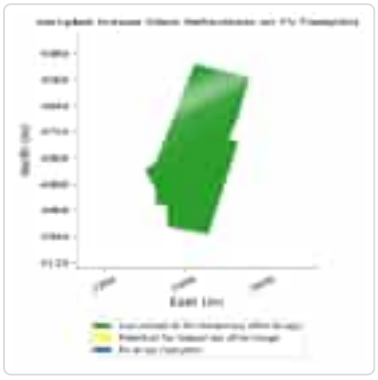
PV array is expected to produce the following glare for this receptor:

- 327 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





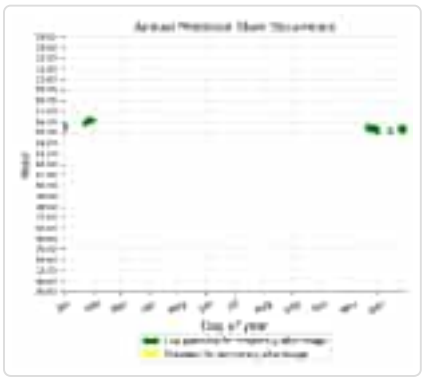


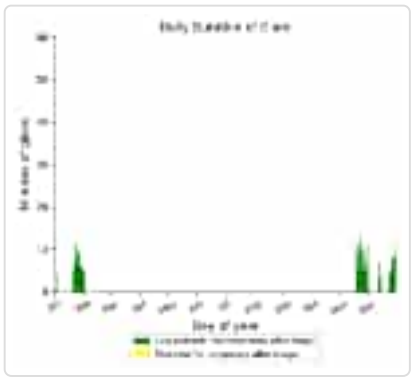


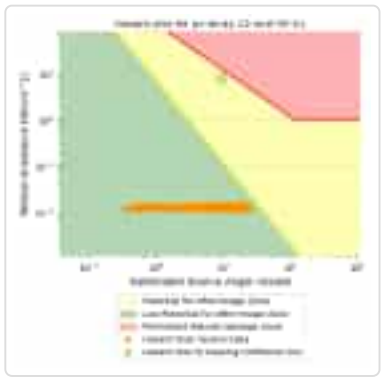
PV array 15: OP 61

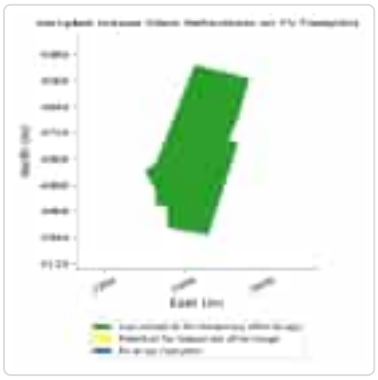
PV array is expected to produce the following glare for this receptor:

- 298 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





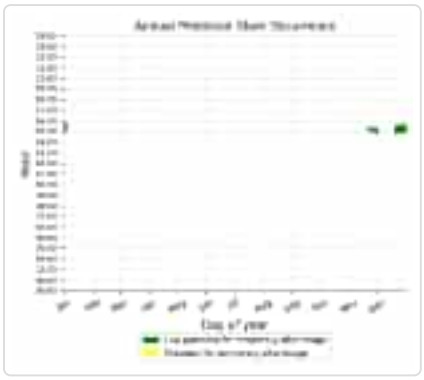


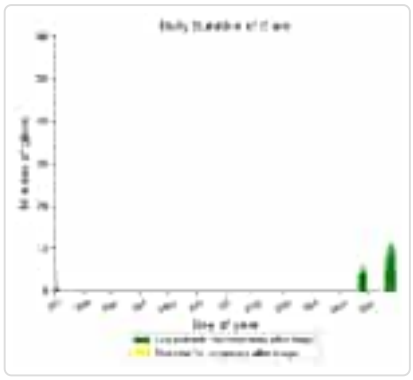


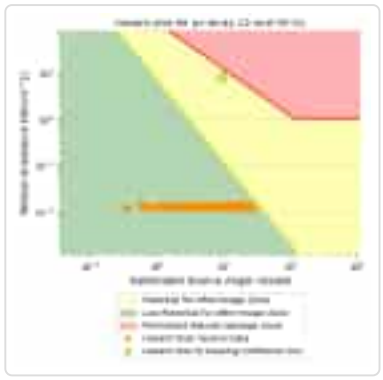
PV array 15: OP 62

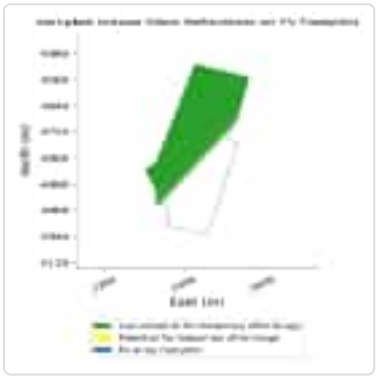
PV array is expected to produce the following glare for this receptor:

- 168 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





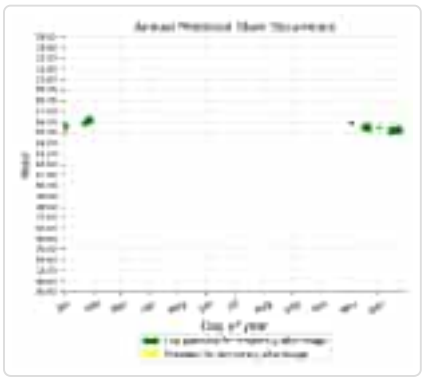


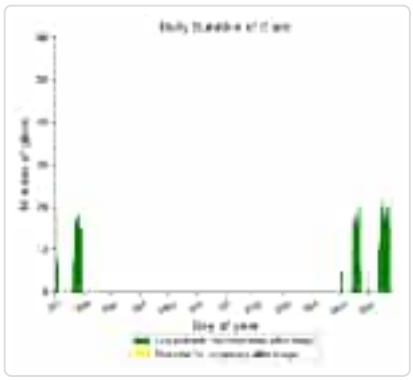


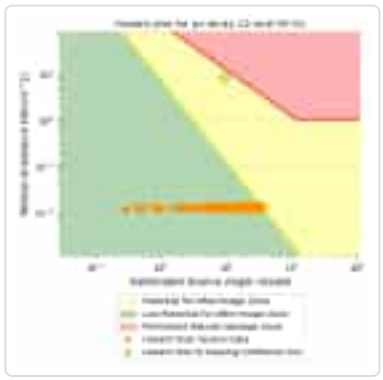
PV array 15: OP 63

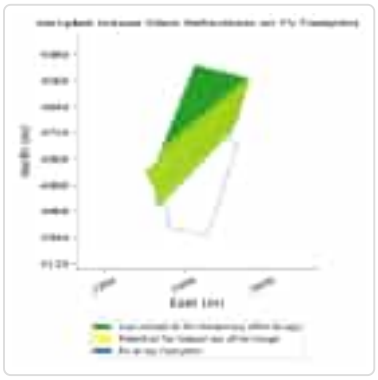
PV array is expected to produce the following glare for this receptor:

- 586 minutes of "green" glare with low potential to cause temporary after-image.
- 2 minutes of "yellow" glare with potential to cause temporary after-image.





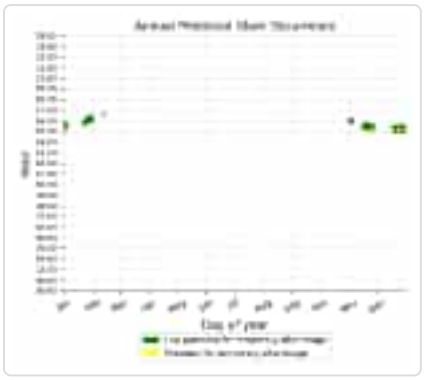


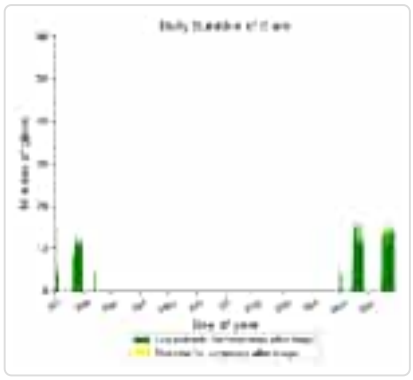


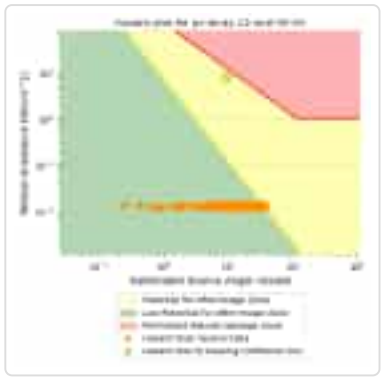
PV array 15: OP 64

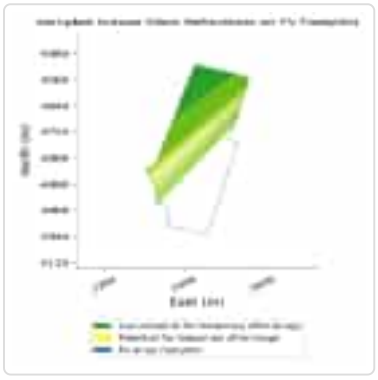
PV array is expected to produce the following glare for this receptor:

- 501 minutes of "green" glare with low potential to cause temporary after-image.
- 11 minutes of "yellow" glare with potential to cause temporary after-image.









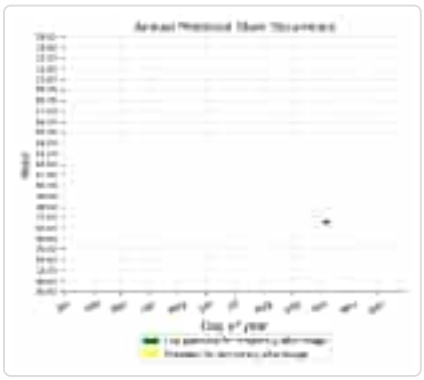
PV array 15: OP 65

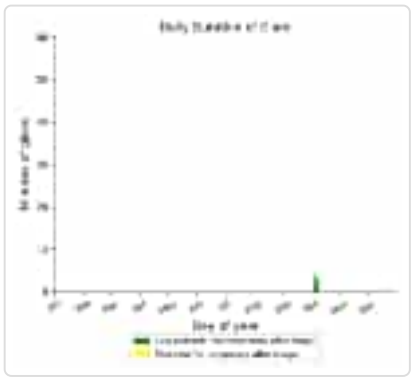
No glare found

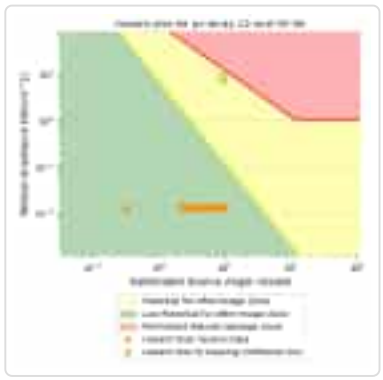
PV array 15: OP 66

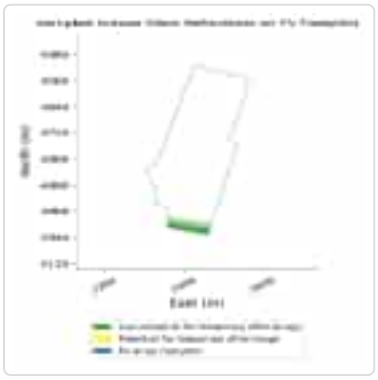
PV array is expected to produce the following glare for this receptor:

- 16 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





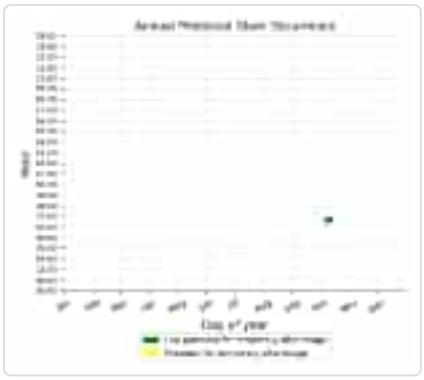


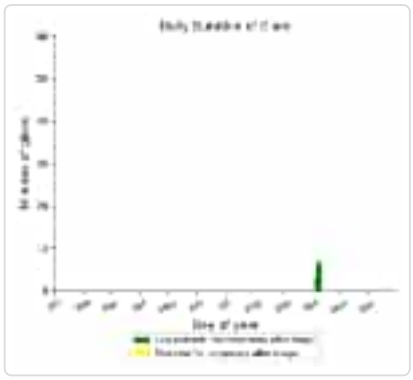


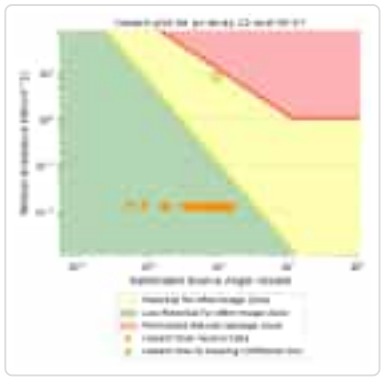
PV array 15: OP 67

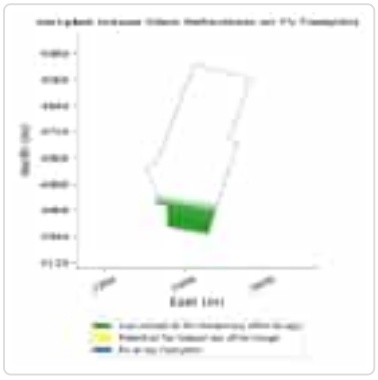
PV array is expected to produce the following glare for this receptor:

- 49 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





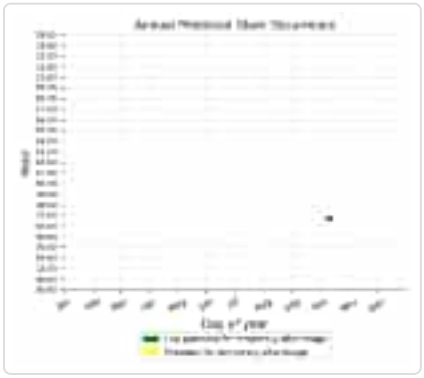


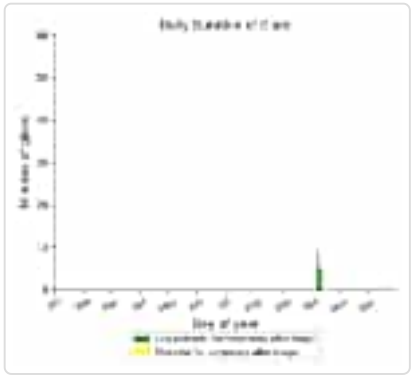


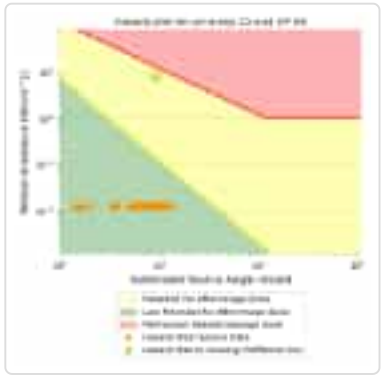
PV array 15: OP 68

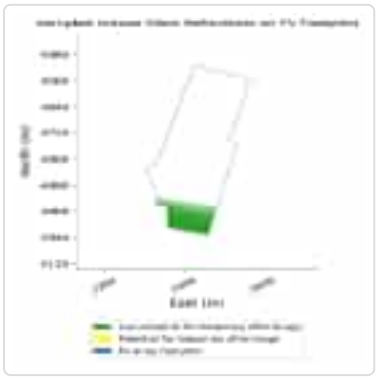
PV array is expected to produce the following glare for this receptor:

- 26 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





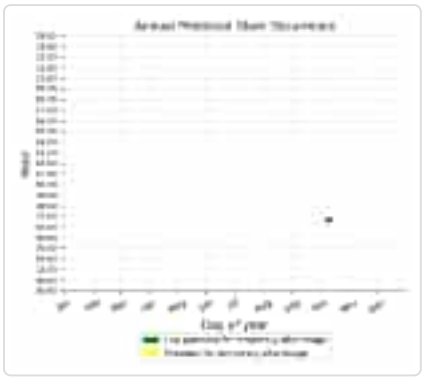


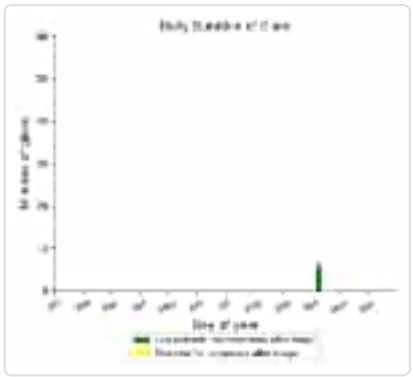


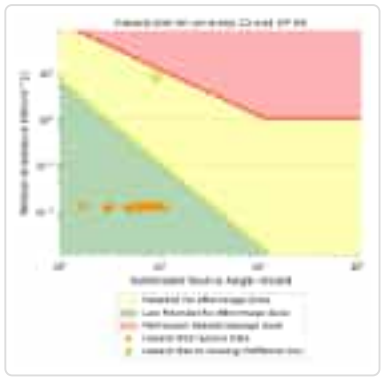
PV array 15: OP 69

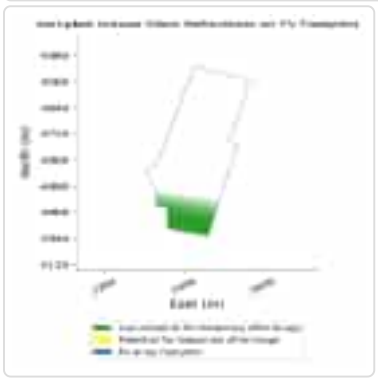
PV array is expected to produce the following glare for this receptor:

- 27 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 70

No glare found

PV array 15: OP 71

No glare found

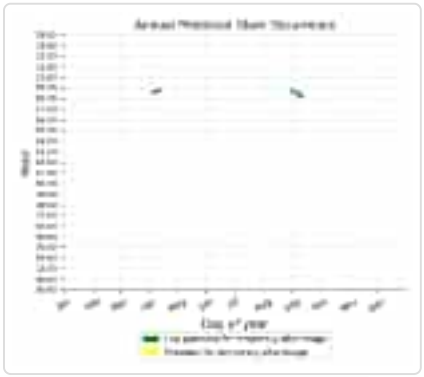
PV array 15: OP 72

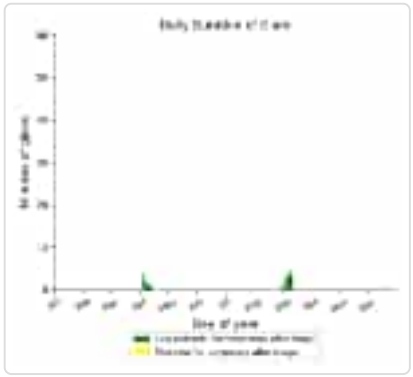
No glare found

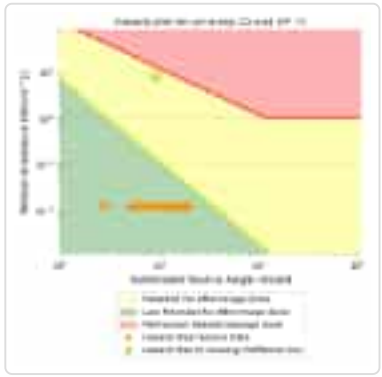
PV array 15: OP 73

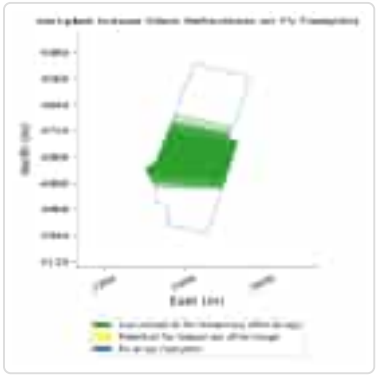
PV array is expected to produce the following glare for this receptor:

- 47 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





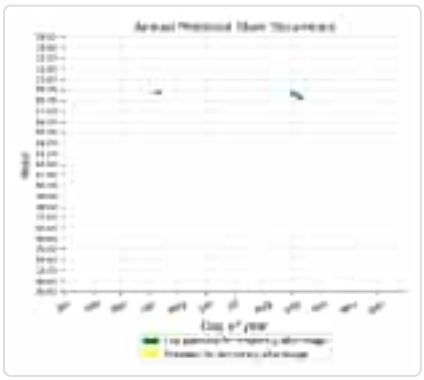


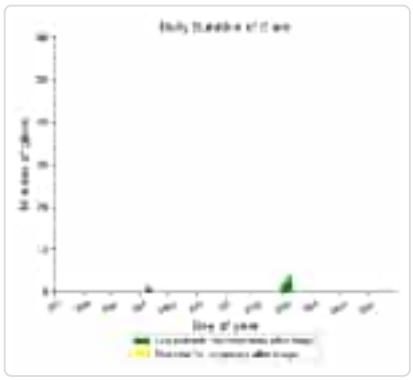


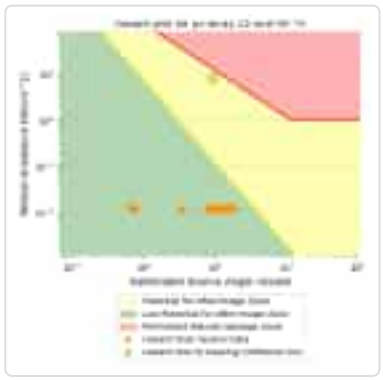
PV array 15: OP 74

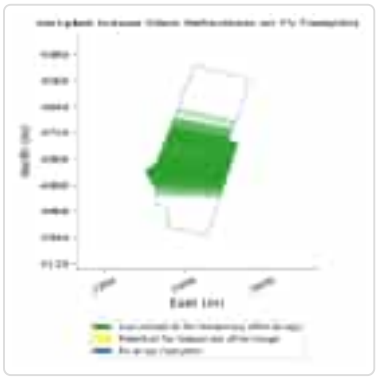
PV array is expected to produce the following glare for this receptor:

- 39 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 15: OP 75

No glare found

PV array 15: OP 76

No glare found

PV array 15: OP 77

No glare found

PV array 15: OP 78

No glare found

PV array 15: OP 79

No glare found

PV array 2 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0

OP: OP 9	1728	986
OP: OP 10	1684	1547
OP: OP 11	1329	1473
OP: OP 12	276	41
OP: OP 13	299	74
OP: OP 14	133166	19852
OP: OP 15	143553	20097
OP: OP 16	2953	4010
OP: OP 17	214	0
OP: OP 18	288	0
OP: OP 19	655	17
OP: OP 20	185	0
OP: OP 21	171	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	171	0
OP: OP 31	551	237
OP: OP 32	573	310
OP: OP 33	432	88
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
OP: OP 51	0	0
OP: OP 52	85	0
OP: OP 53	20	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0

OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

PV array 2: OP 1

No glare found

PV array 2: OP 2

No glare found

PV array 2: OP 3

No glare found

PV array 2: OP 4

No glare found

PV array 2: OP 5

No glare found

PV array 2: OP 6

No glare found

PV array 2: OP 7

No glare found

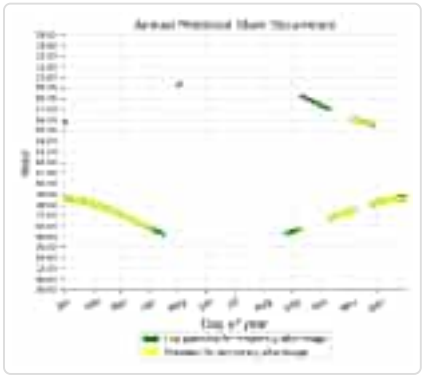
PV array 2: OP 8

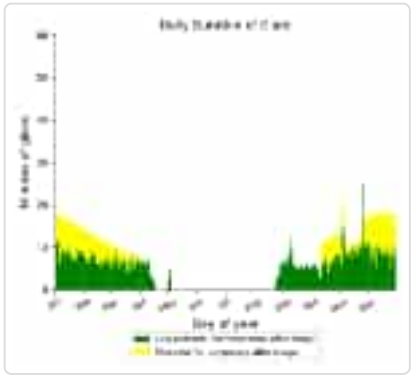
No glare found

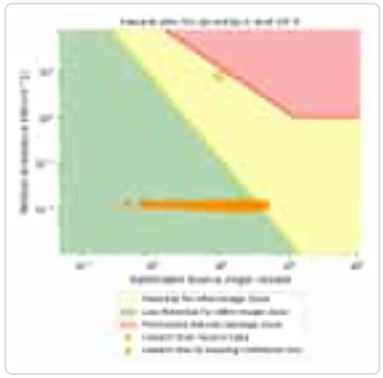
PV array 2: OP 9

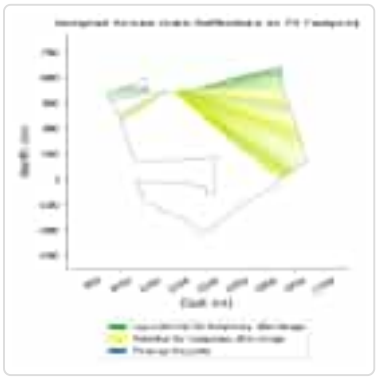
PV array is expected to produce the following glare for this receptor:

- 1,728 minutes of "green" glare with low potential to cause temporary after-image.
- 986 minutes of "yellow" glare with potential to cause temporary after-image.





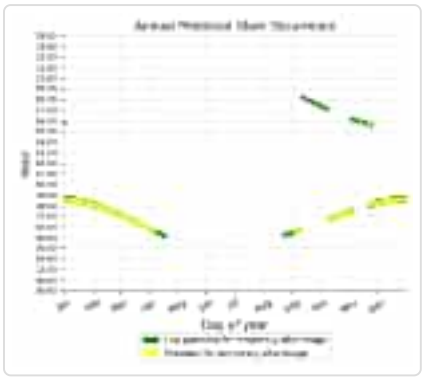


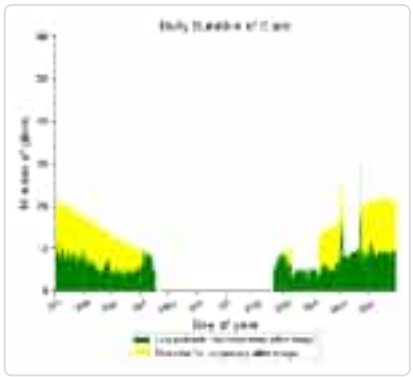


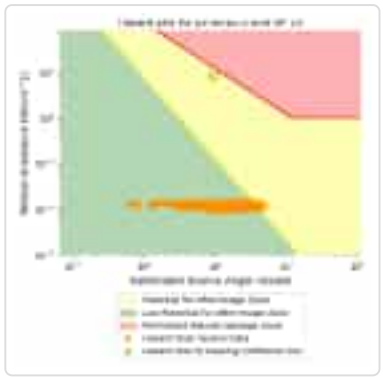
PV array 2: OP 10

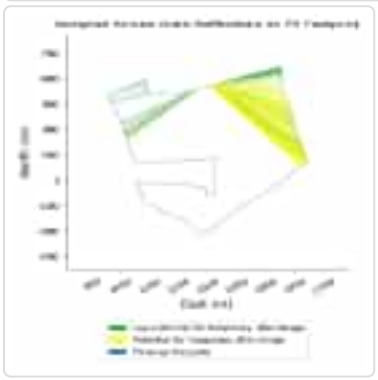
PV array is expected to produce the following glare for this receptor:

- 1,684 minutes of "green" glare with low potential to cause temporary after-image.
- 1,547 minutes of "yellow" glare with potential to cause temporary after-image.





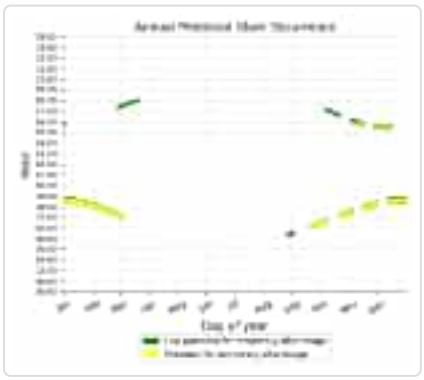


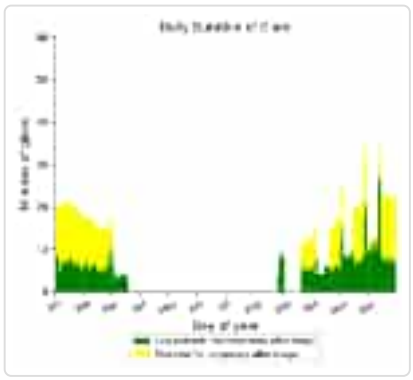


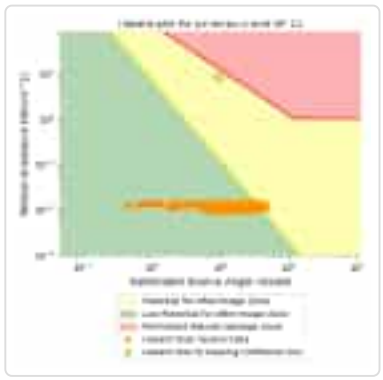
PV array 2: OP 11

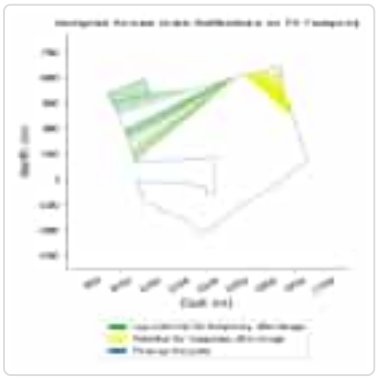
PV array is expected to produce the following glare for this receptor:

- 1,329 minutes of "green" glare with low potential to cause temporary after-image.
- 1,473 minutes of "yellow" glare with potential to cause temporary after-image.





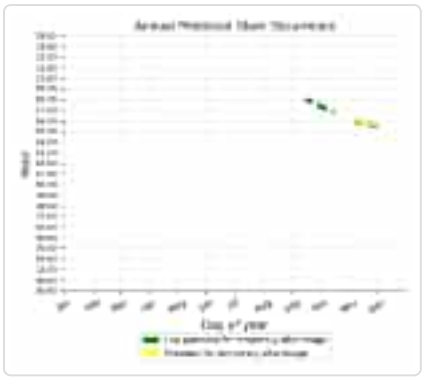


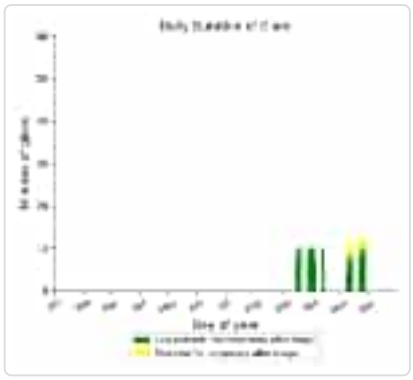


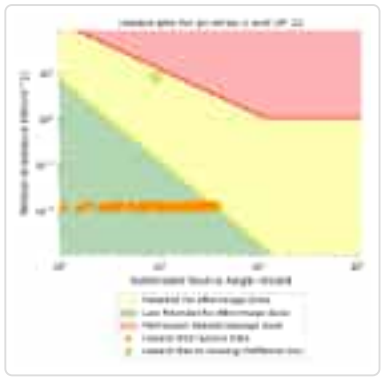
PV array 2: OP 12

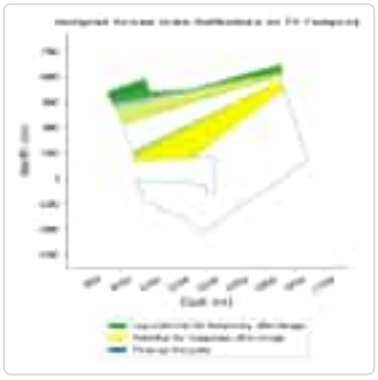
PV array is expected to produce the following glare for this receptor:

- 276 minutes of "green" glare with low potential to cause temporary after-image.
- 41 minutes of "yellow" glare with potential to cause temporary after-image.





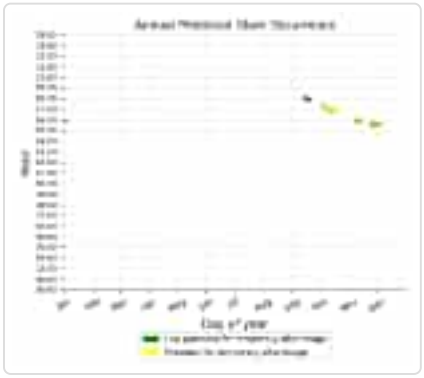


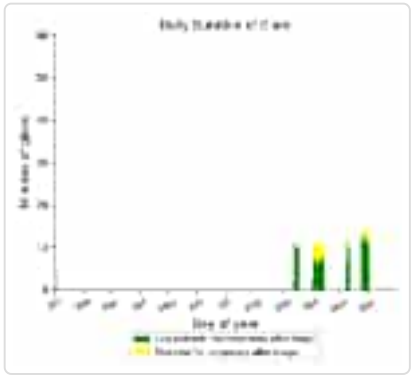


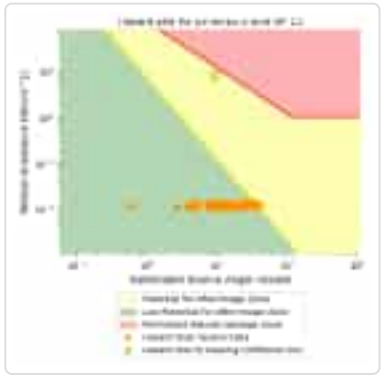
PV array 2: OP 13

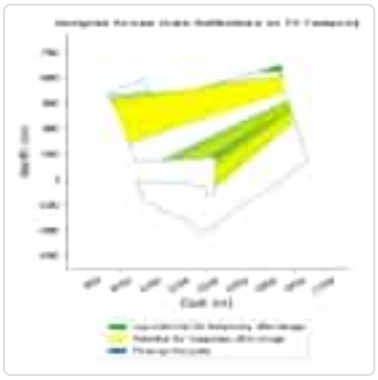
PV array is expected to produce the following glare for this receptor:

- 299 minutes of "green" glare with low potential to cause temporary after-image.
- 74 minutes of "yellow" glare with potential to cause temporary after-image.





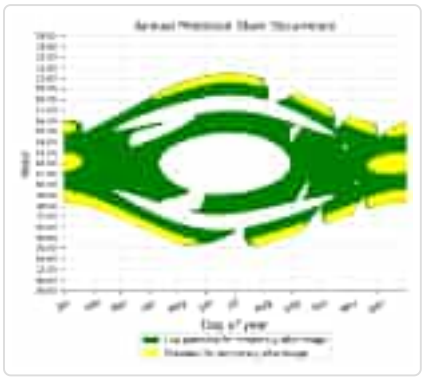


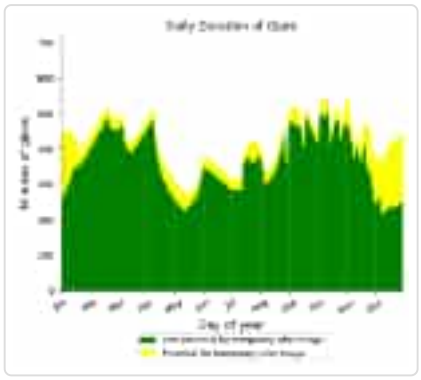


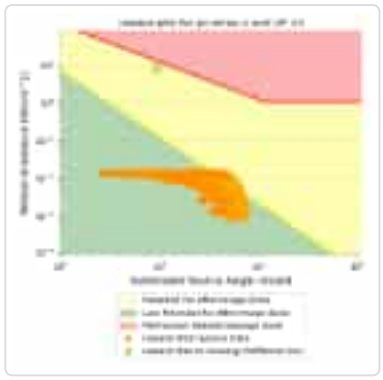
PV array 2: OP 14

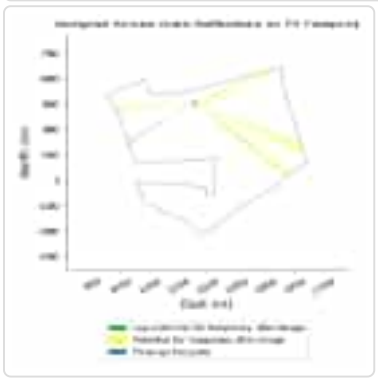
PV array is expected to produce the following glare for this receptor:

- 133,166 minutes of "green" glare with low potential to cause temporary after-image.
- 19,852 minutes of "yellow" glare with potential to cause temporary after-image.





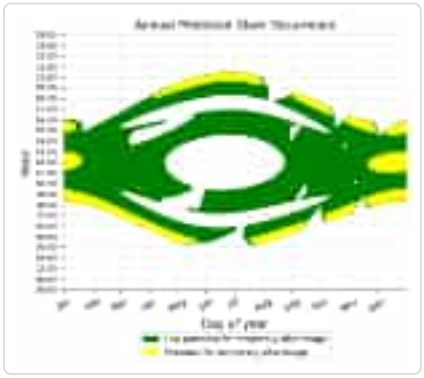


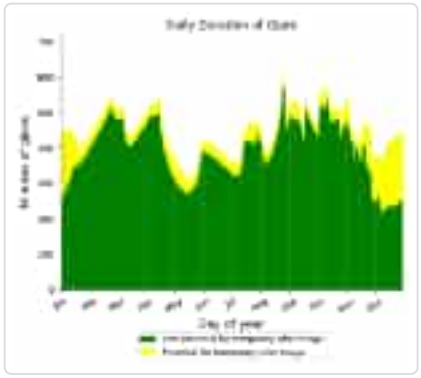


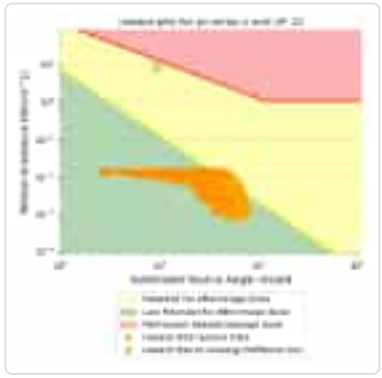
PV array 2: OP 15

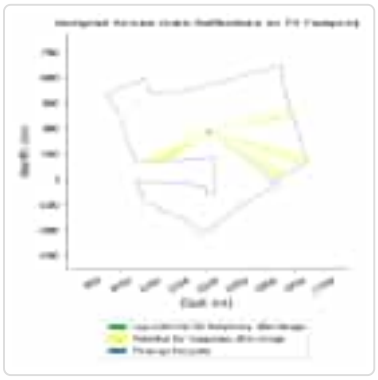
PV array is expected to produce the following glare for this receptor:

- 143,553 minutes of "green" glare with low potential to cause temporary after-image.
- 20,097 minutes of "yellow" glare with potential to cause temporary after-image.





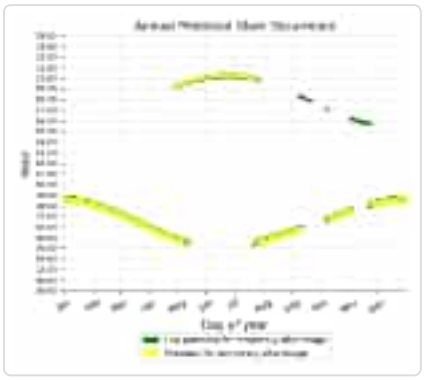


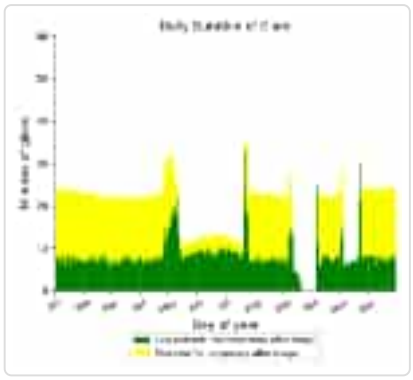


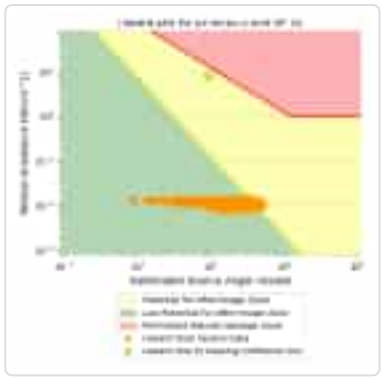
PV array 2: OP 16

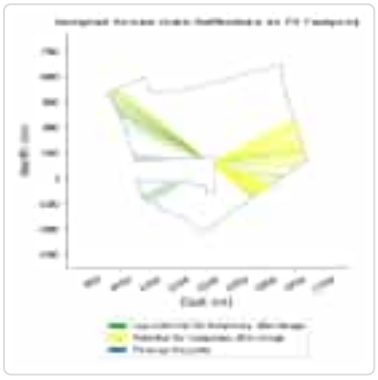
PV array is expected to produce the following glare for this receptor:

- 2,953 minutes of "green" glare with low potential to cause temporary after-image.
- 4,010 minutes of "yellow" glare with potential to cause temporary after-image.





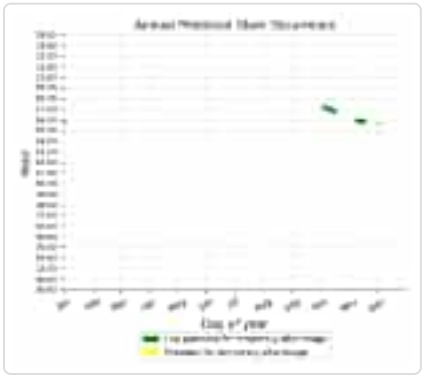


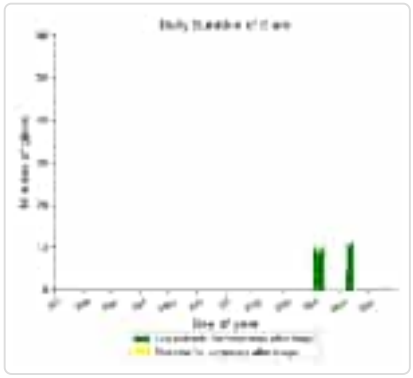


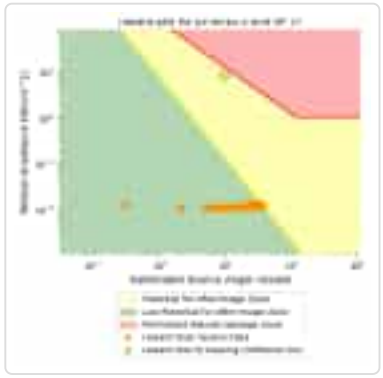
PV array 2: OP 17

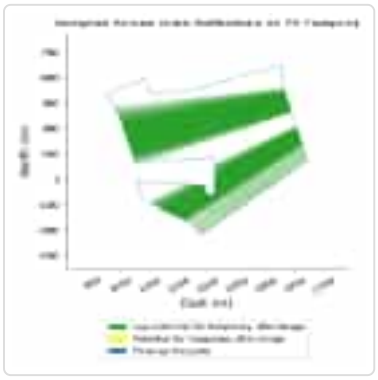
PV array is expected to produce the following glare for this receptor:

- 214 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





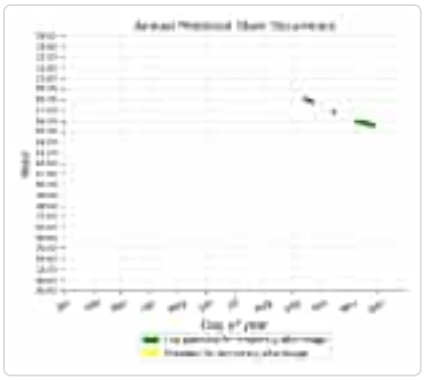


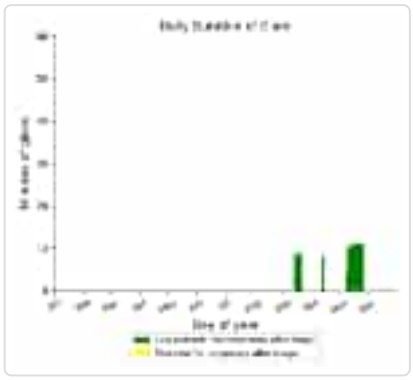


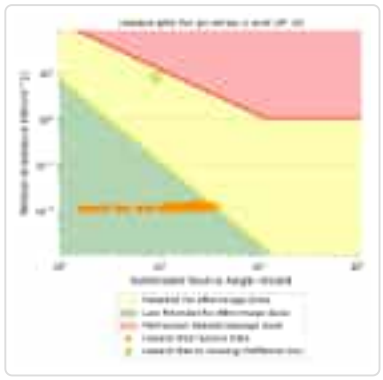
PV array 2: OP 18

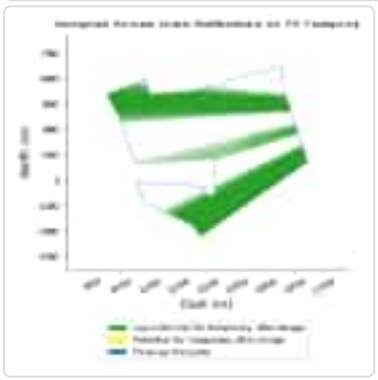
PV array is expected to produce the following glare for this receptor:

- 288 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





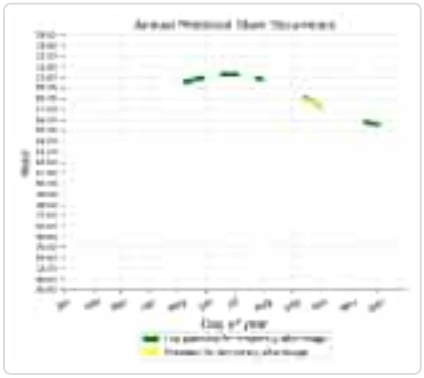


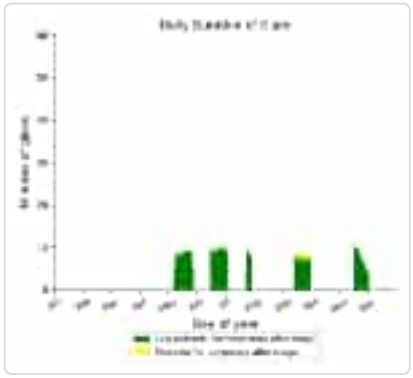


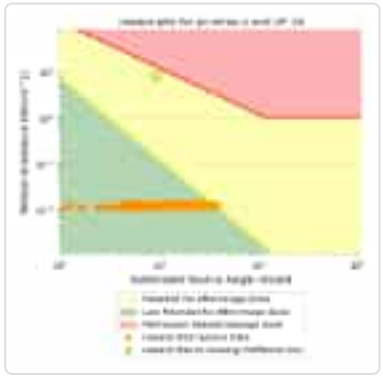
PV array 2: OP 19

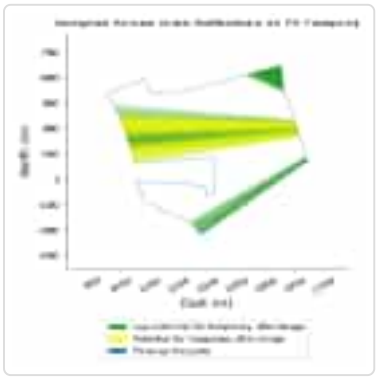
PV array is expected to produce the following glare for this receptor:

- 655 minutes of "green" glare with low potential to cause temporary after-image.
- 17 minutes of "yellow" glare with potential to cause temporary after-image.





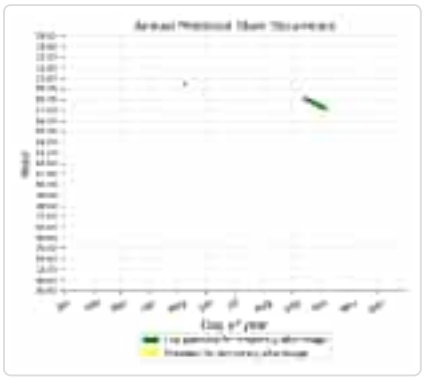


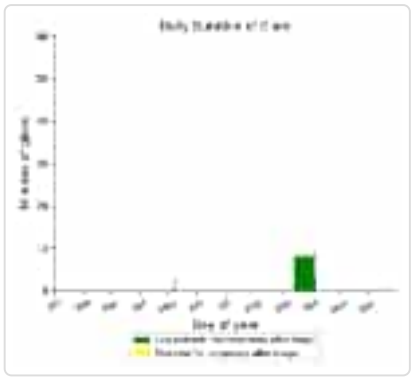


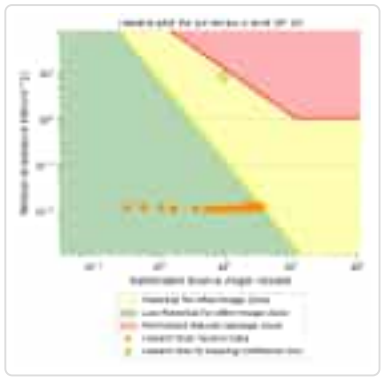
PV array 2: OP 20

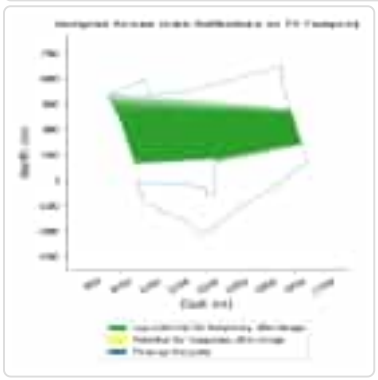
PV array is expected to produce the following glare for this receptor:

- 185 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





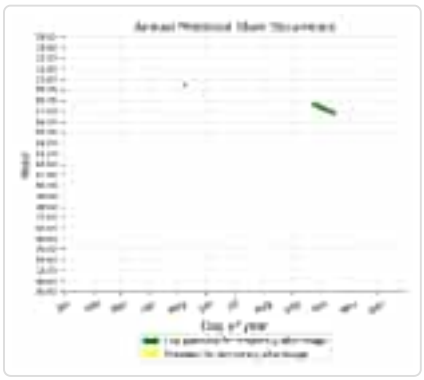


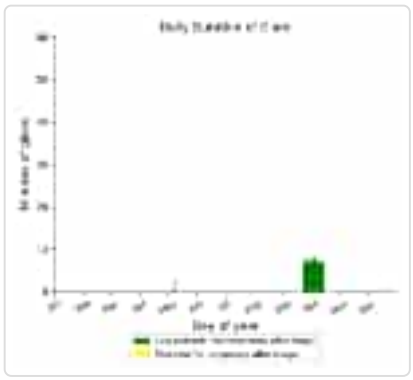


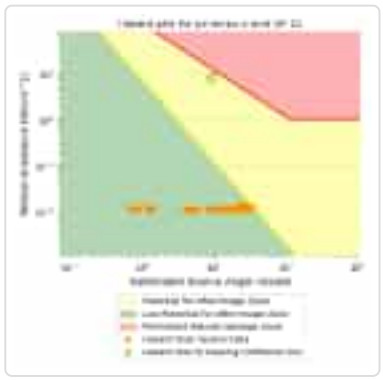
PV array 2: OP 21

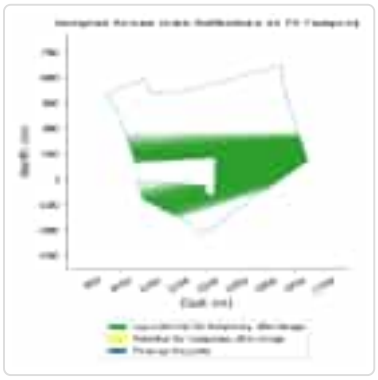
PV array is expected to produce the following glare for this receptor:

- 171 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 22

No glare found

PV array 2: OP 23

No glare found

PV array 2: OP 24

No glare found

PV array 2: OP 25

No glare found

PV array 2: OP 26

No glare found

PV array 2: OP 27

No glare found

PV array 2: OP 28

No glare found

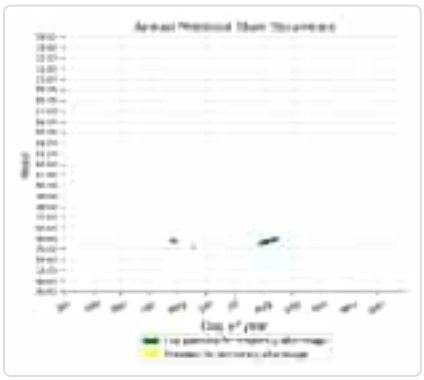
PV array 2: OP 29

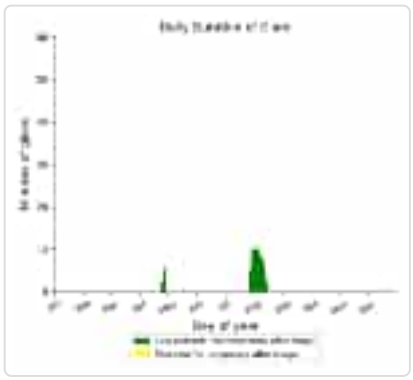
No glare found

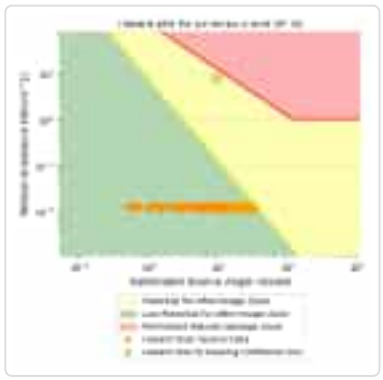
PV array 2: OP 30

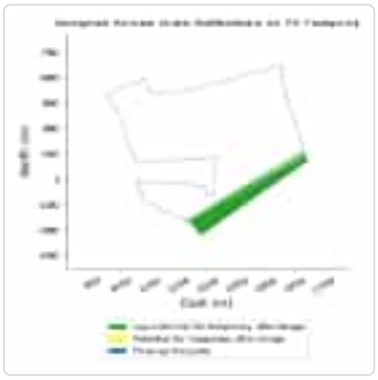
PV array is expected to produce the following glare for this receptor:

- 171 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





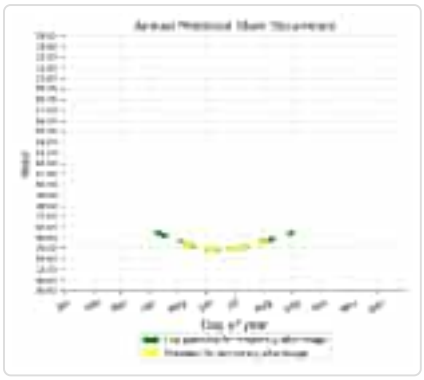


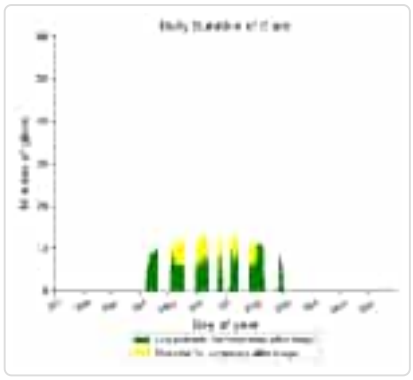


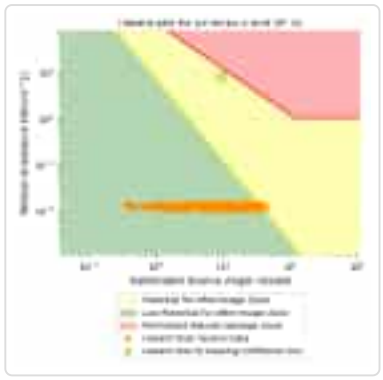
PV array 2: OP 31

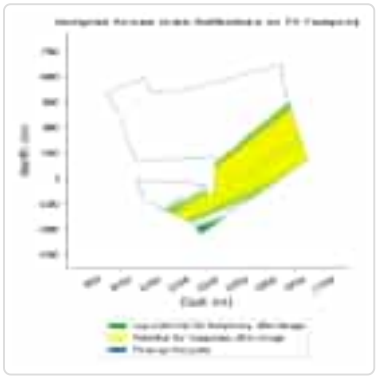
PV array is expected to produce the following glare for this receptor:

- 551 minutes of "green" glare with low potential to cause temporary after-image.
- 237 minutes of "yellow" glare with potential to cause temporary after-image.





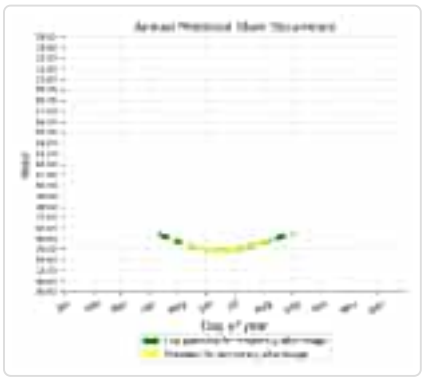


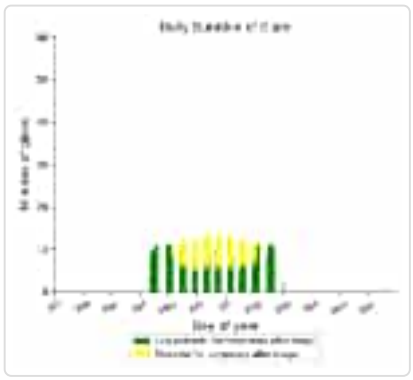


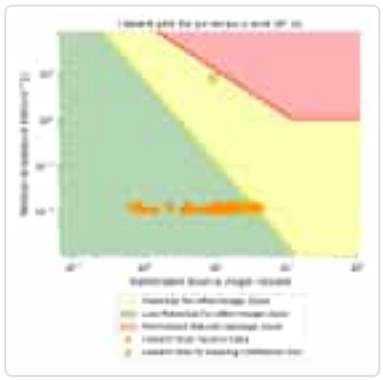
PV array 2: OP 32

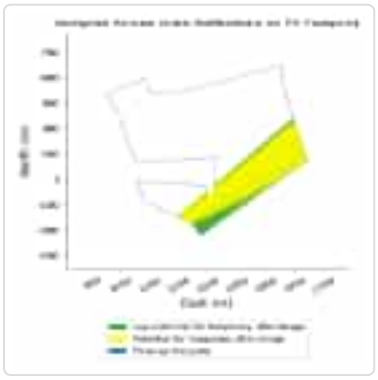
PV array is expected to produce the following glare for this receptor:

- 573 minutes of "green" glare with low potential to cause temporary after-image.
- 310 minutes of "yellow" glare with potential to cause temporary after-image.





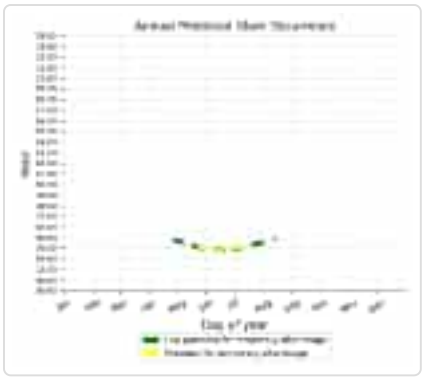


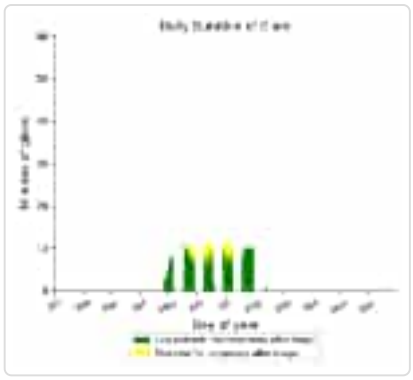


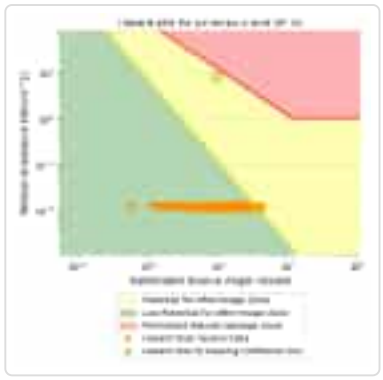
PV array 2: OP 33

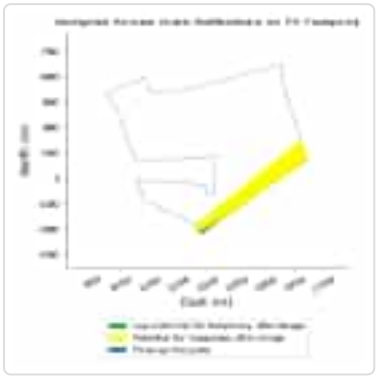
PV array is expected to produce the following glare for this receptor:

- 432 minutes of "green" glare with low potential to cause temporary after-image.
- 88 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 34

No glare found

PV array 2: OP 35

No glare found

PV array 2: OP 36

No glare found

PV array 2: OP 37

No glare found

PV array 2: OP 38

No glare found

PV array 2: OP 39

No glare found

PV array 2: OP 40

No glare found

PV array 2: OP 41

No glare found

PV array 2: OP 42

No glare found

PV array 2: OP 43

No glare found

PV array 2: OP 44

No glare found

PV array 2: OP 45

No glare found

PV array 2: OP 46

No glare found

PV array 2: OP 47

No glare found

PV array 2: OP 48

No glare found

PV array 2: OP 49

No glare found

PV array 2: OP 50

No glare found

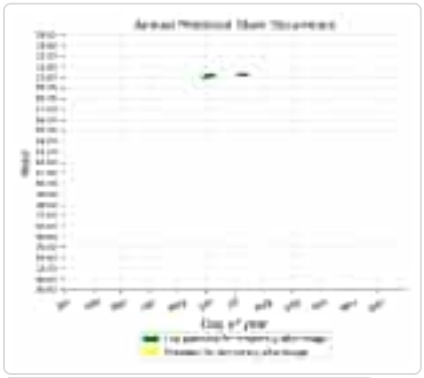
PV array 2: OP 51

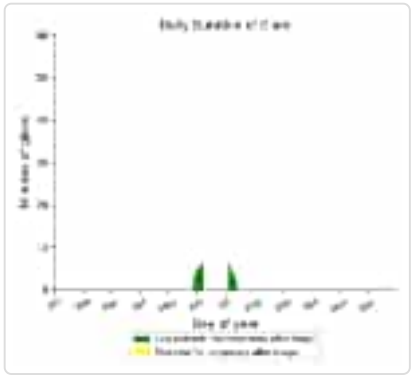
No glare found

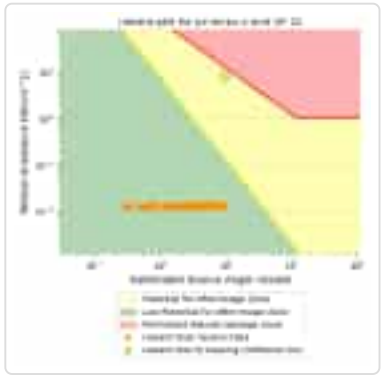
PV array 2: OP 52

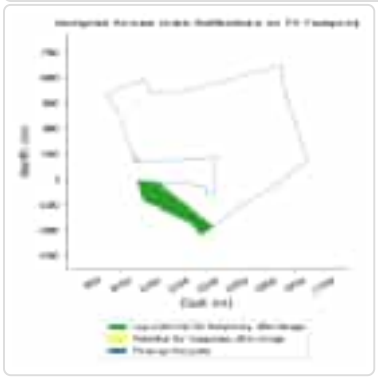
PV array is expected to produce the following glare for this receptor:

- 85 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





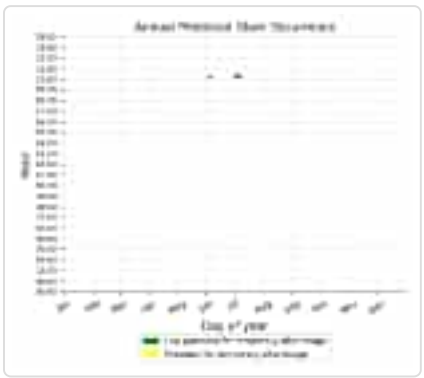


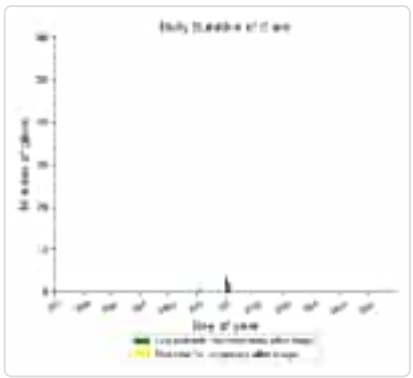


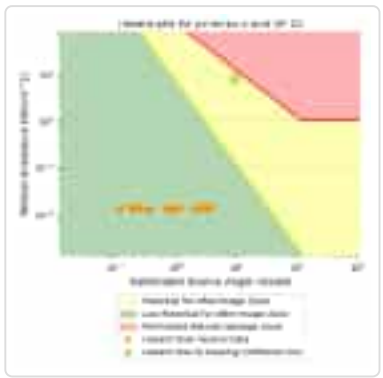
PV array 2: OP 53

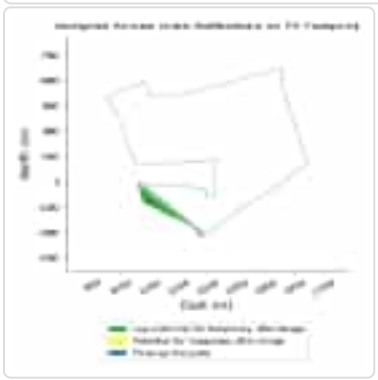
PV array is expected to produce the following glare for this receptor:

- 20 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 2: OP 54

No glare found

PV array 2: OP 55

No glare found

PV array 2: OP 56

No glare found

PV array 2: OP 57

No glare found

PV array 2: OP 58

No glare found

PV array 2: OP 59

No glare found

PV array 2: OP 60

No glare found

PV array 2: OP 61

No glare found

PV array 2: OP 62

No glare found

PV array 2: OP 63

No glare found

PV array 2: OP 64

No glare found

PV array 2: OP 65

No glare found

PV array 2: OP 66

No glare found

PV array 2: OP 67

No glare found

PV array 2: OP 68

No glare found

PV array 2: OP 69

No glare found

PV array 2: OP 70

No glare found

PV array 2: OP 71

No glare found

PV array 2: OP 72

No glare found

PV array 2: OP 73

No glare found

PV array 2: OP 74

No glare found

PV array 2: OP 75

No glare found

PV array 2: OP 76

No glare found

PV array 2: OP 77

No glare found

PV array 2: OP 78

No glare found

PV array 2: OP 79

No glare found

PV array 3 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0

OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	481	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	27	0
OP: OP 27	2492	2439
OP: OP 28	1913	1127
OP: OP 29	1229	278
OP: OP 30	194	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	184	0
OP: OP 36	190	0
OP: OP 37	183	0
OP: OP 38	159	66
OP: OP 39	128	0
OP: OP 40	219	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	218	0
OP: OP 46	216	0
OP: OP 47	215	0
OP: OP 48	216	0
OP: OP 49	218	0
OP: OP 50	216	0
OP: OP 51	216	0
OP: OP 52	216	0
OP: OP 53	220	0
OP: OP 54	214	0
OP: OP 55	220	0
OP: OP 56	224	0
OP: OP 57	206	0
OP: OP 58	173	0
OP: OP 59	154	0
OP: OP 60	43	0
OP: OP 61	207	0
OP: OP 62	223	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0

OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

PV array 3: OP 1

No glare found

PV array 3: OP 2

No glare found

PV array 3: OP 3

No glare found

PV array 3: OP 4

No glare found

PV array 3: OP 5

No glare found

PV array 3: OP 6

No glare found

PV array 3: OP 7

No glare found

PV array 3: OP 8

No glare found

PV array 3: OP 9

No glare found

PV array 3: OP 10

No glare found

PV array 3: OP 11

No glare found

PV array 3: OP 12

No glare found

PV array 3: OP 13

No glare found

PV array 3: OP 14

No glare found

PV array 3: OP 15

No glare found

PV array 3: OP 16

No glare found

PV array 3: OP 17

No glare found

PV array 3: OP 18

No glare found

PV array 3: OP 19

No glare found

PV array 3: OP 20

No glare found

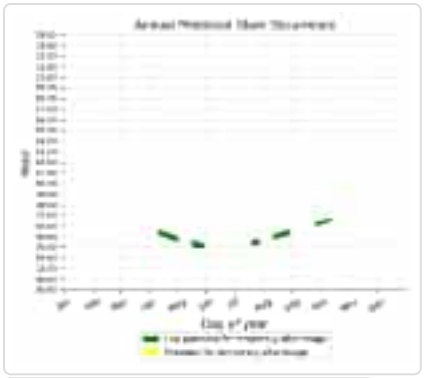
PV array 3: OP 21

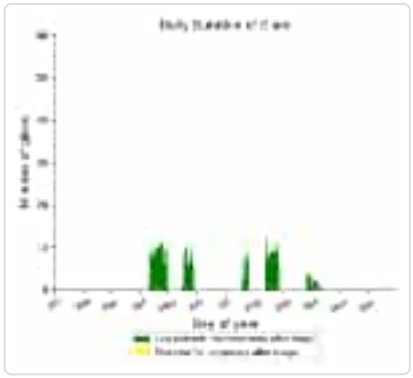
No glare found

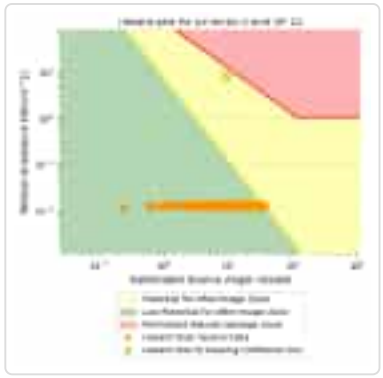
PV array 3: OP 22

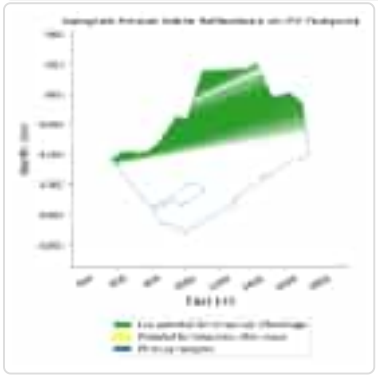
PV array is expected to produce the following glare for this receptor:

- 481 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 23

No glare found

PV array 3: OP 24

No glare found

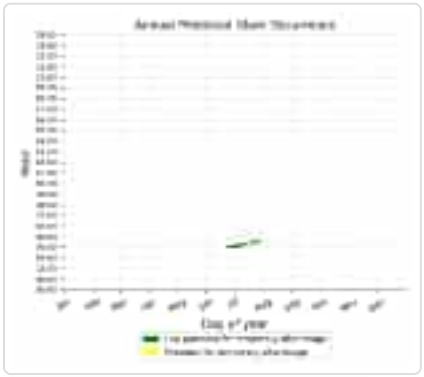
PV array 3: OP 25

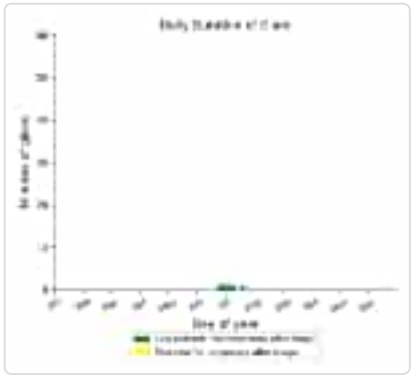
No glare found

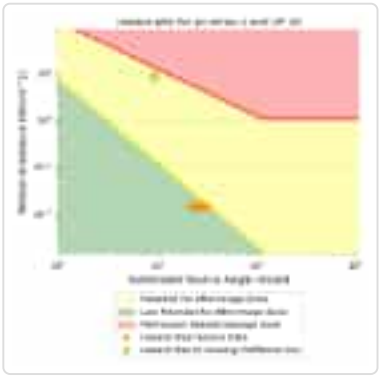
PV array 3: OP 26

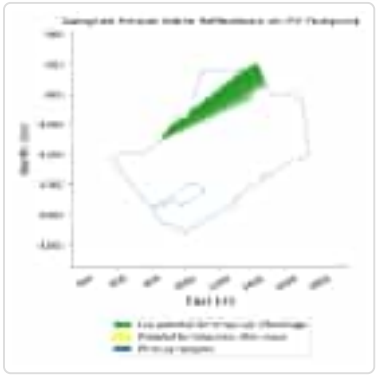
PV array is expected to produce the following glare for this receptor:

- 27 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





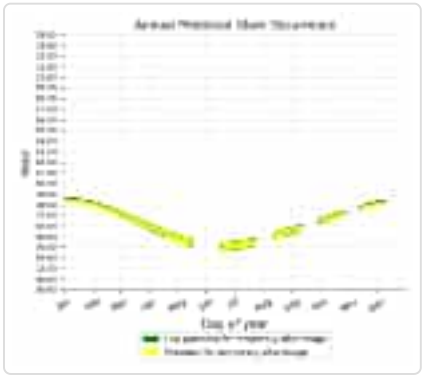


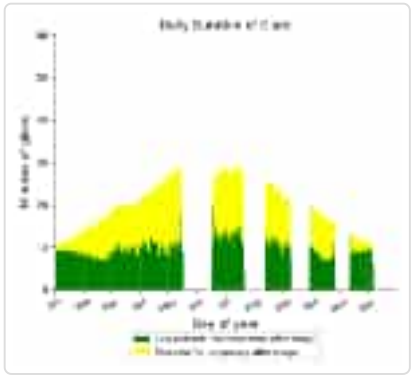


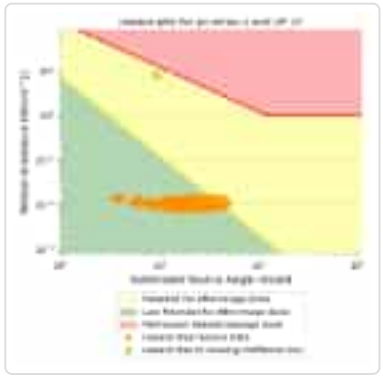
PV array 3: OP 27

PV array is expected to produce the following glare for this receptor:

- 2,492 minutes of "green" glare with low potential to cause temporary after-image.
- 2,439 minutes of "yellow" glare with potential to cause temporary after-image.



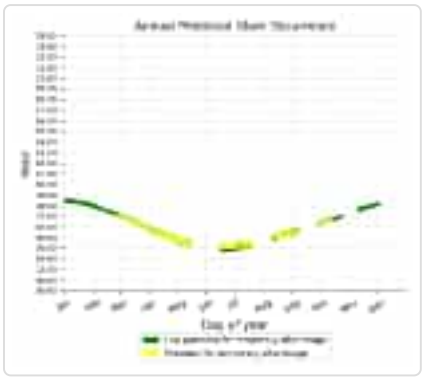


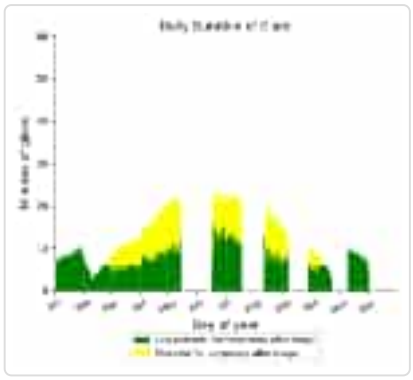


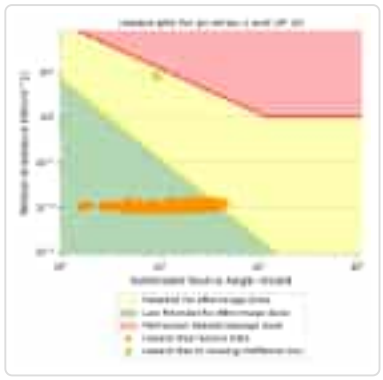
PV array 3: OP 28

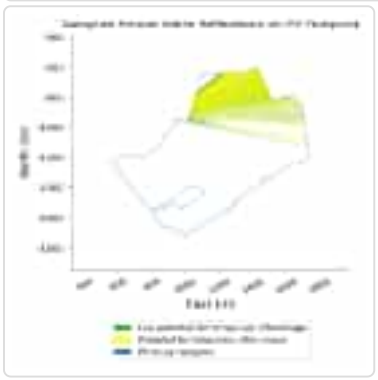
PV array is expected to produce the following glare for this receptor:

- 1,913 minutes of "green" glare with low potential to cause temporary after-image.
- 1,127 minutes of "yellow" glare with potential to cause temporary after-image.





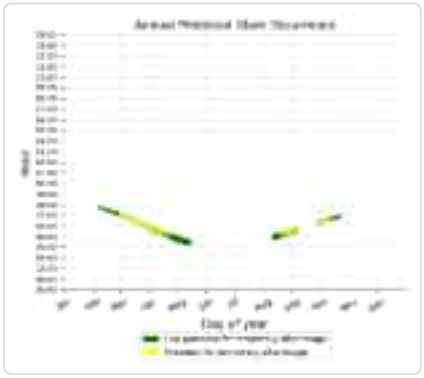


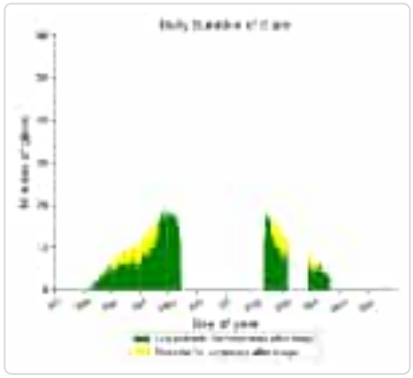


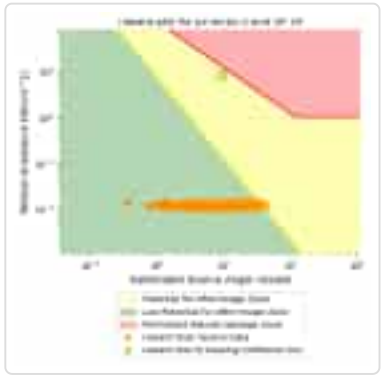
PV array 3: OP 29

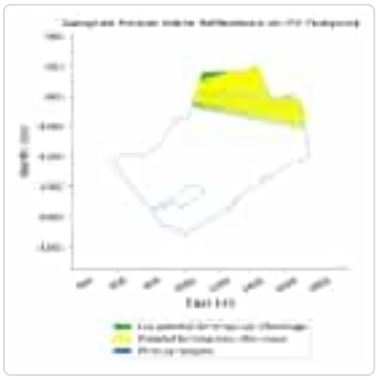
PV array is expected to produce the following glare for this receptor:

- 1,229 minutes of "green" glare with low potential to cause temporary after-image.
- 278 minutes of "yellow" glare with potential to cause temporary after-image.





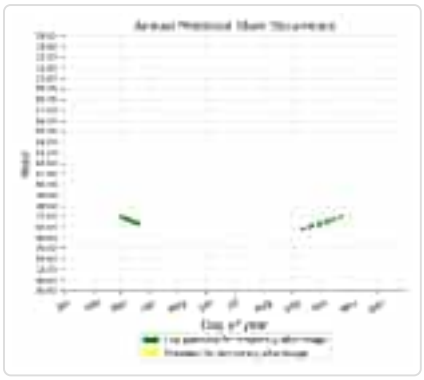


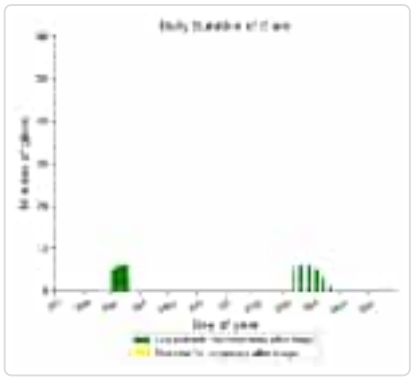


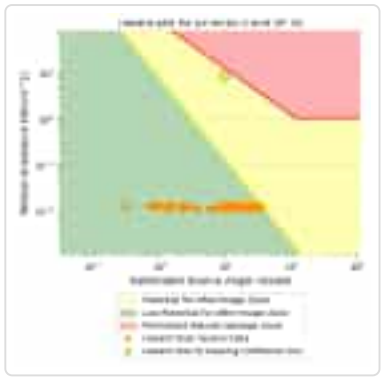
PV array 3: OP 30

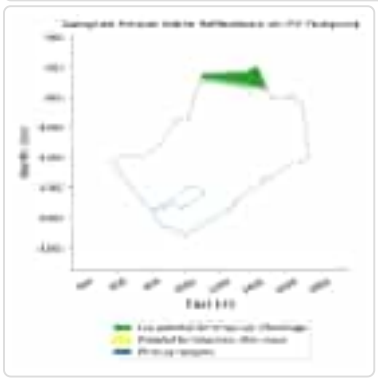
PV array is expected to produce the following glare for this receptor:

- 194 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 31

No glare found

PV array 3: OP 32

No glare found

PV array 3: OP 33

No glare found

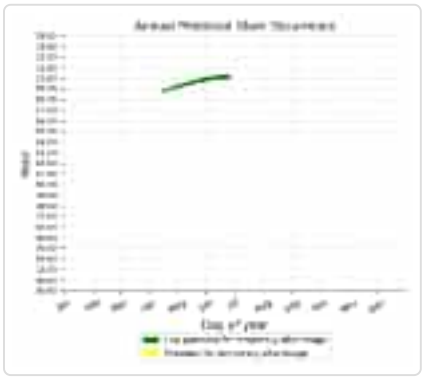
PV array 3: OP 34

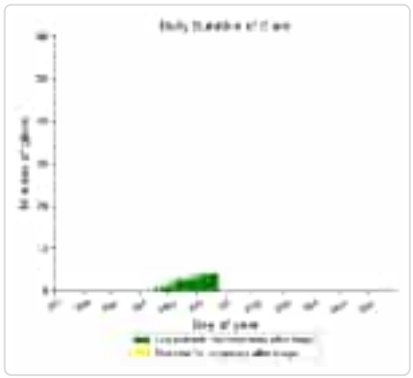
No glare found

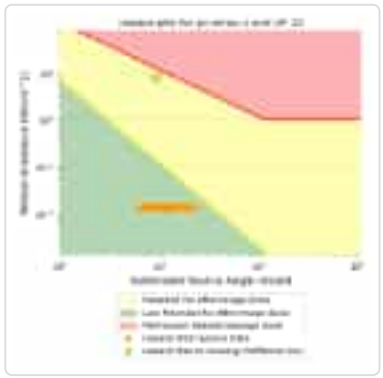
PV array 3: OP 35

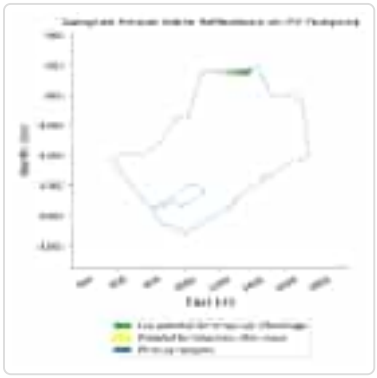
PV array is expected to produce the following glare for this receptor:

- 184 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





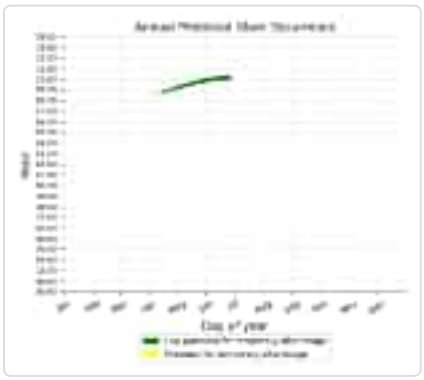


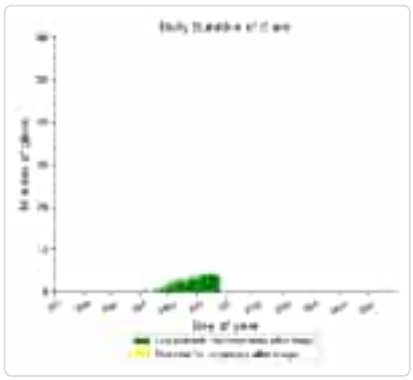


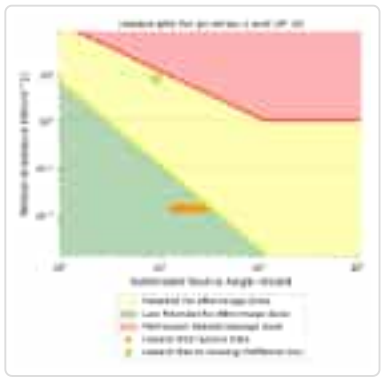
PV array 3: OP 36

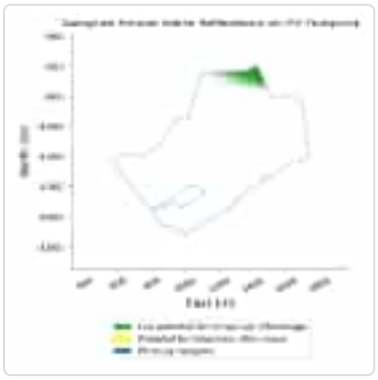
PV array is expected to produce the following glare for this receptor:

- 190 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





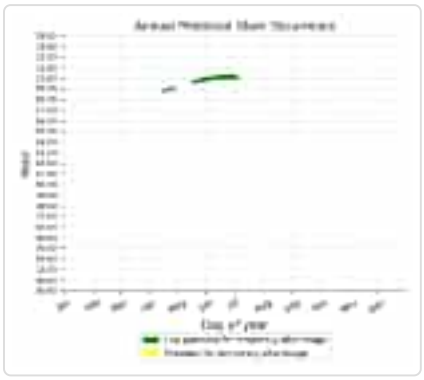


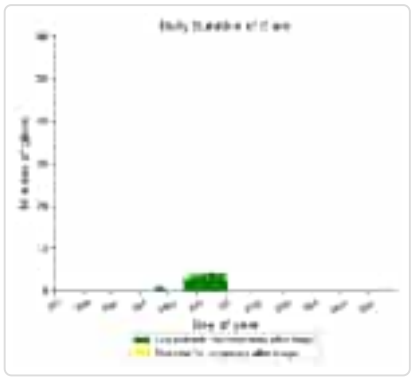


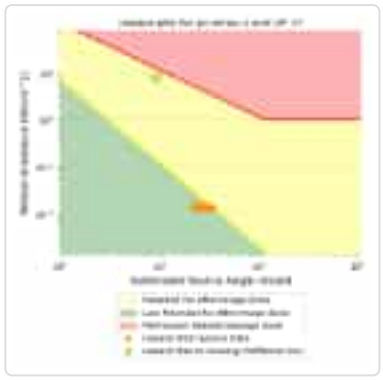
PV array 3: OP 37

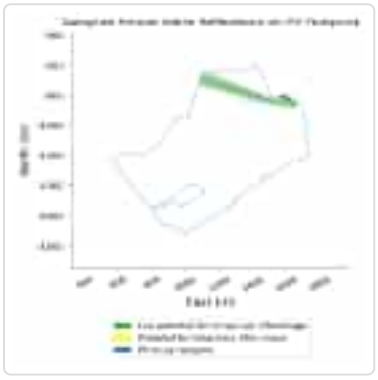
PV array is expected to produce the following glare for this receptor:

- 183 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





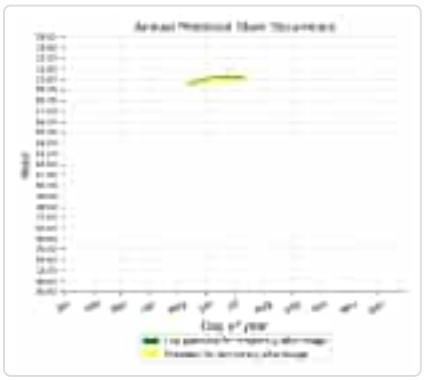


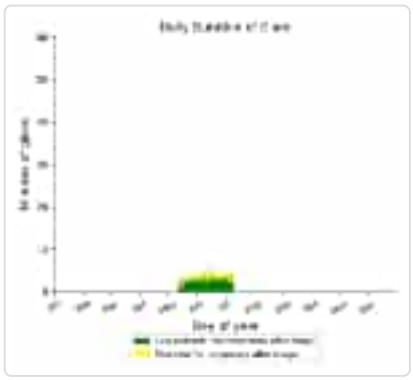


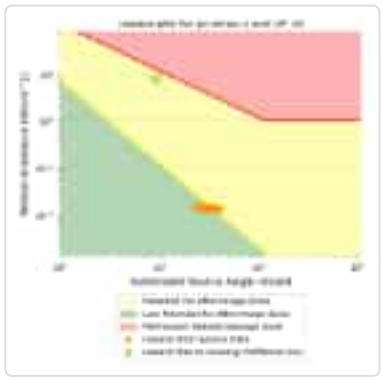
PV array 3: OP 38

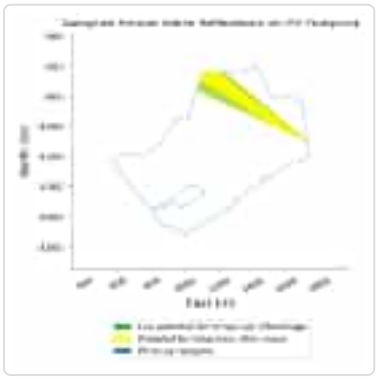
PV array is expected to produce the following glare for this receptor:

- 159 minutes of "green" glare with low potential to cause temporary after-image.
- 66 minutes of "yellow" glare with potential to cause temporary after-image.





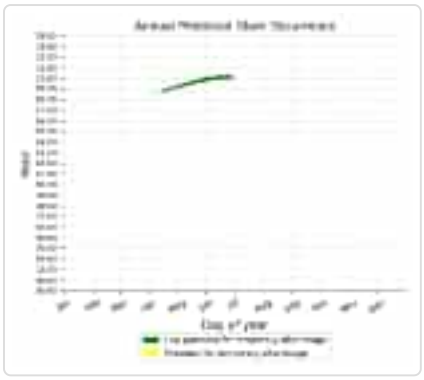


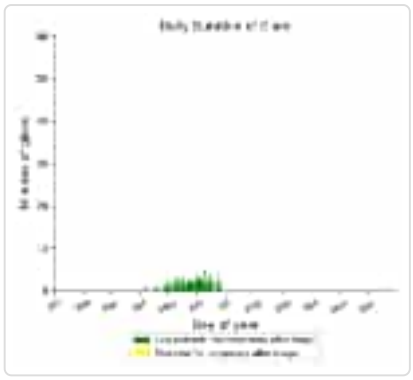


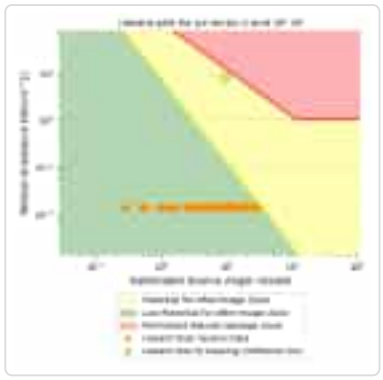
PV array 3: OP 39

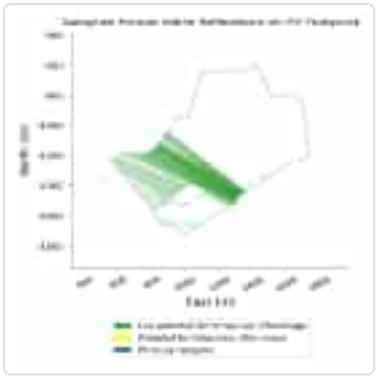
PV array is expected to produce the following glare for this receptor:

- 128 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





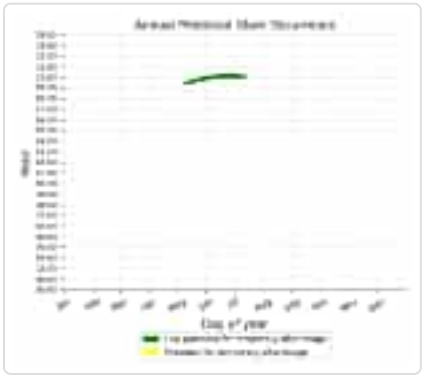


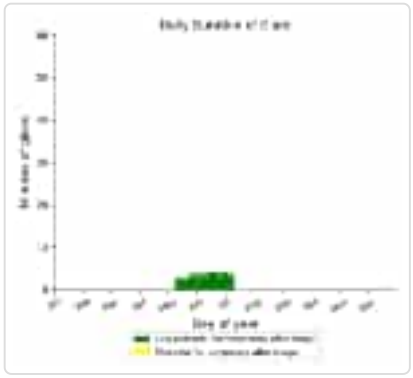


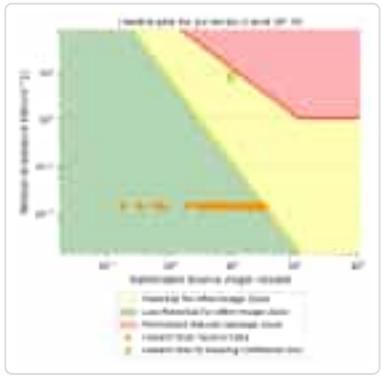
PV array 3: OP 40

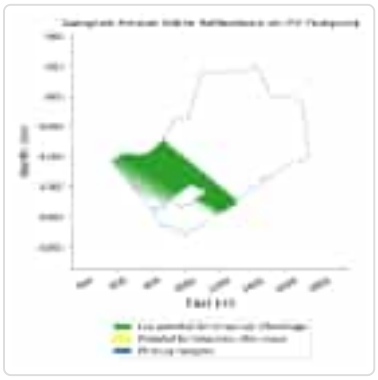
PV array is expected to produce the following glare for this receptor:

- 219 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 41

No glare found

PV array 3: OP 42

No glare found

PV array 3: OP 43

No glare found

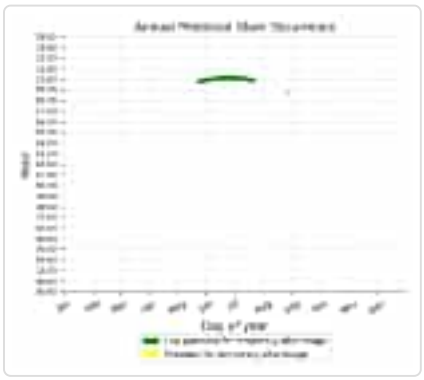
PV array 3: OP 44

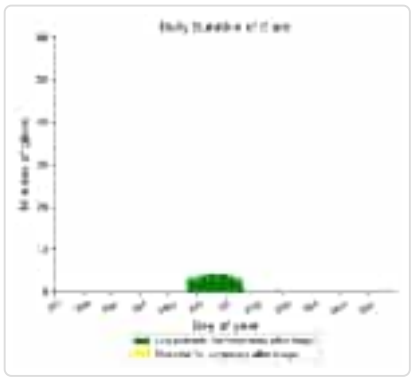
No glare found

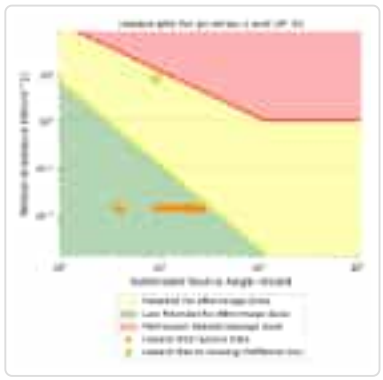
PV array 3: OP 45

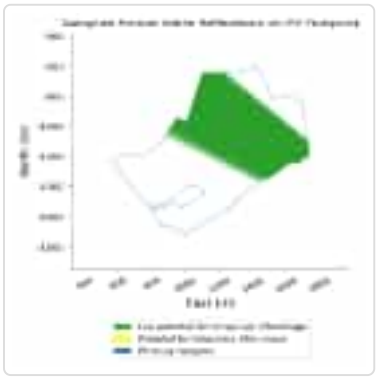
PV array is expected to produce the following glare for this receptor:

- 218 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





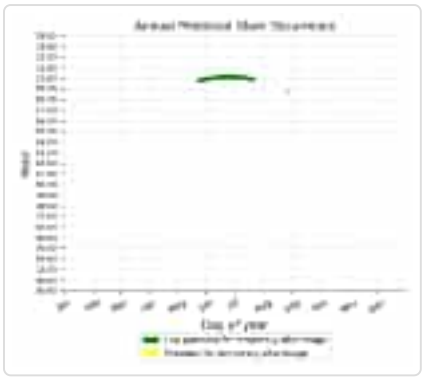


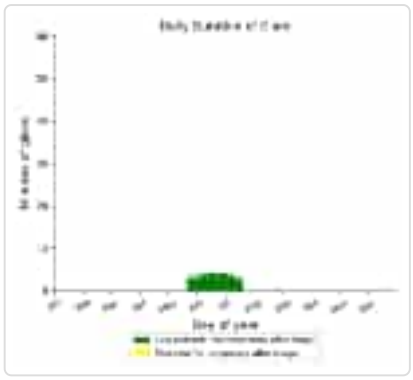


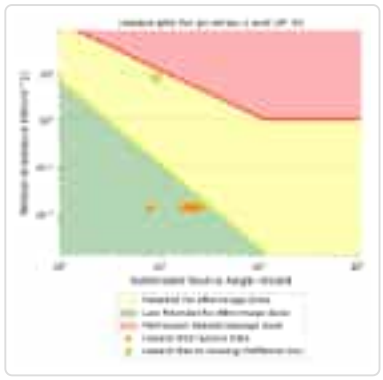
PV array 3: OP 46

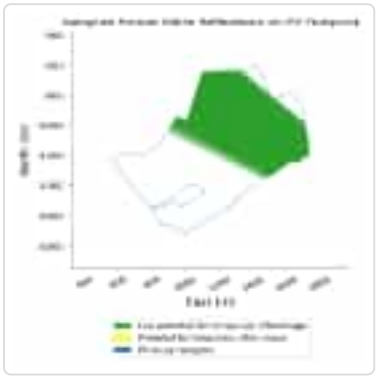
PV array is expected to produce the following glare for this receptor:

- 216 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





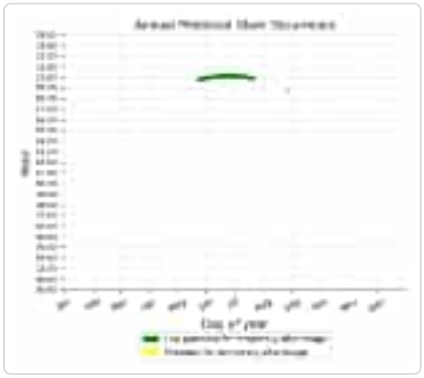


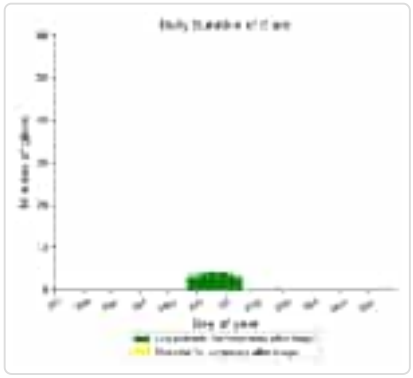


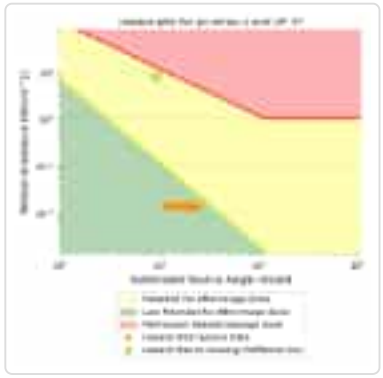
PV array 3: OP 47

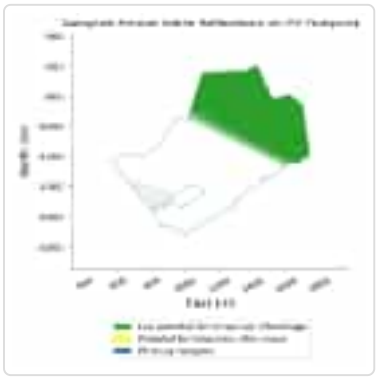
PV array is expected to produce the following glare for this receptor:

- 215 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





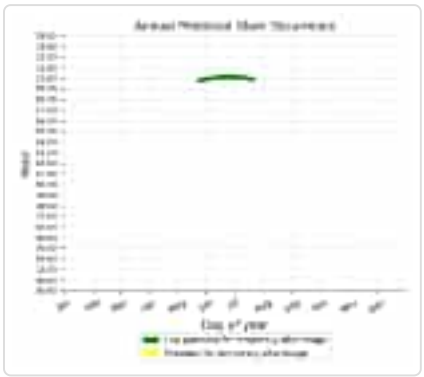


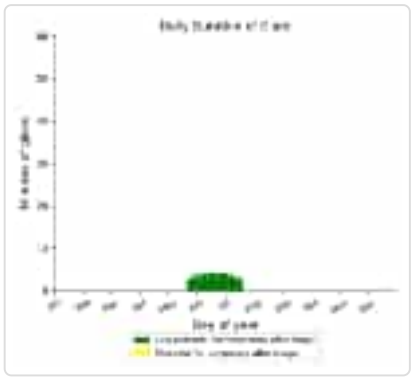


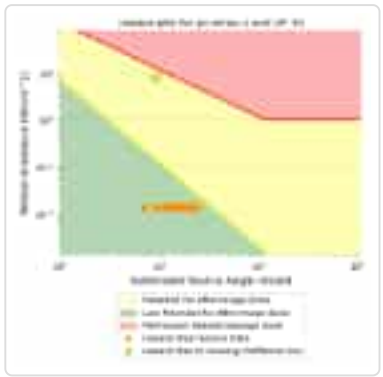
PV array 3: OP 48

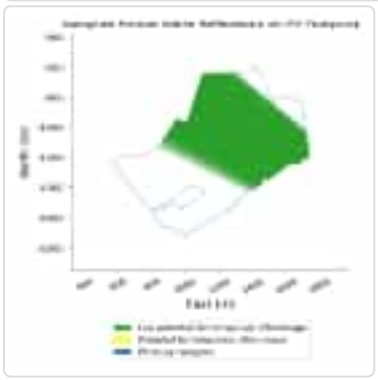
PV array is expected to produce the following glare for this receptor:

- 216 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





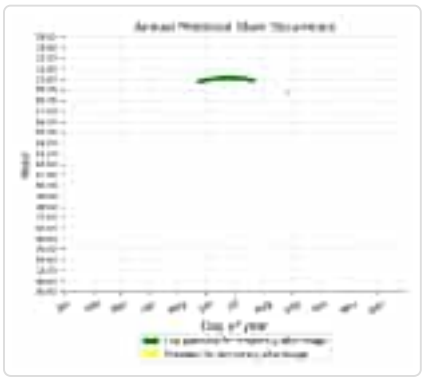


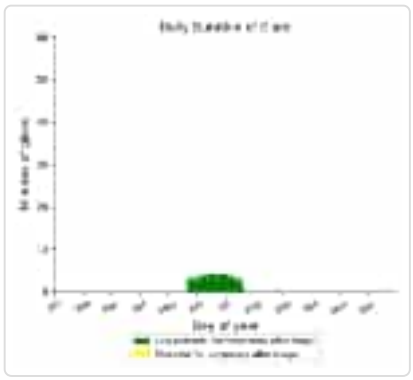


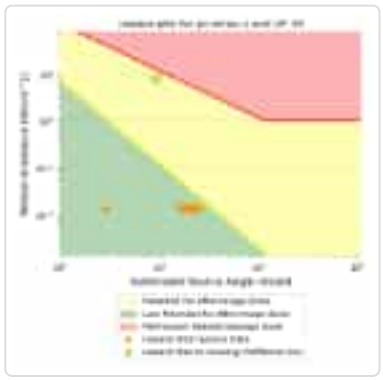
PV array 3: OP 49

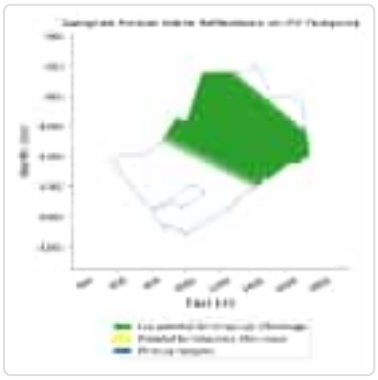
PV array is expected to produce the following glare for this receptor:

- 218 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





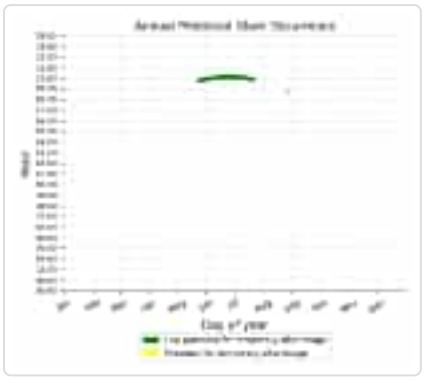


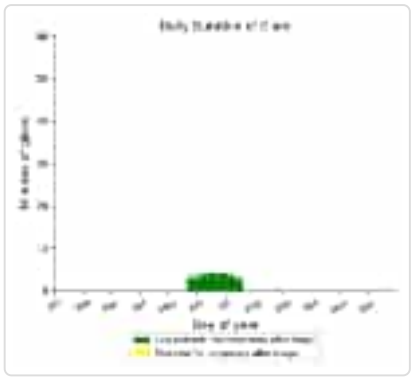


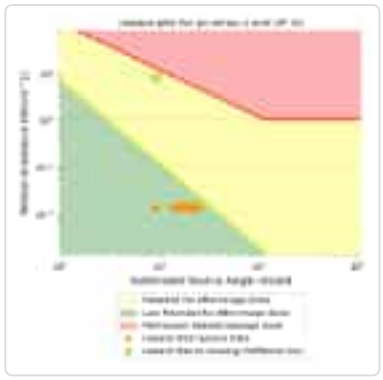
PV array 3: OP 50

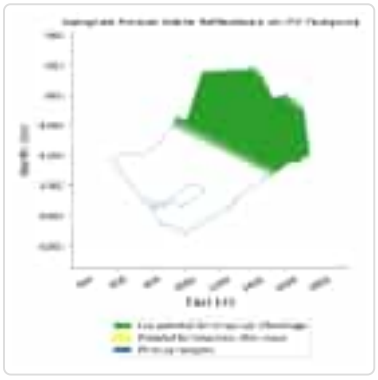
PV array is expected to produce the following glare for this receptor:

- 216 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





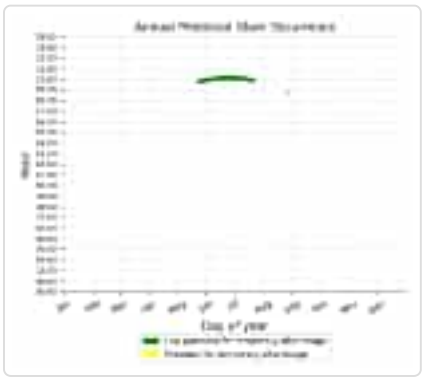


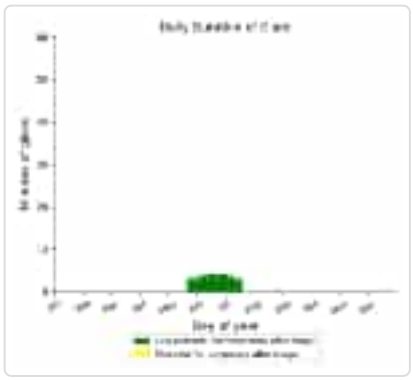


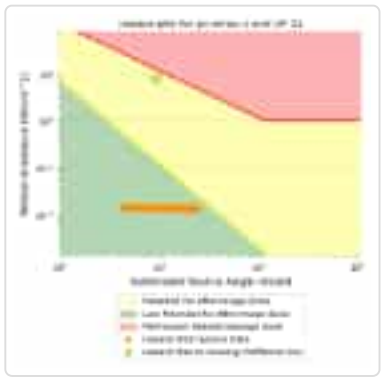
PV array 3: OP 51

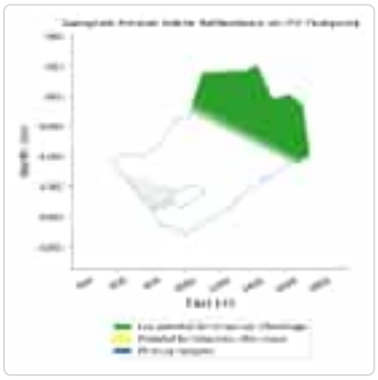
PV array is expected to produce the following glare for this receptor:

- 216 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





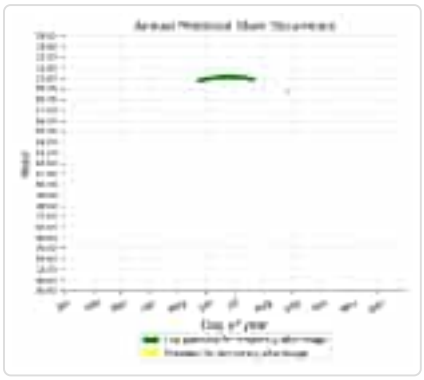


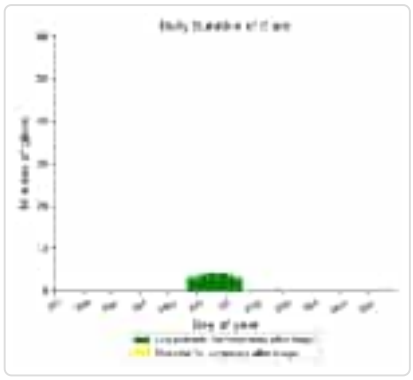


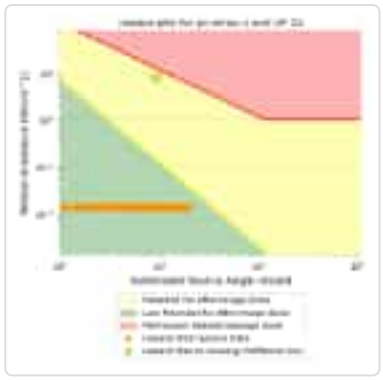
PV array 3: OP 52

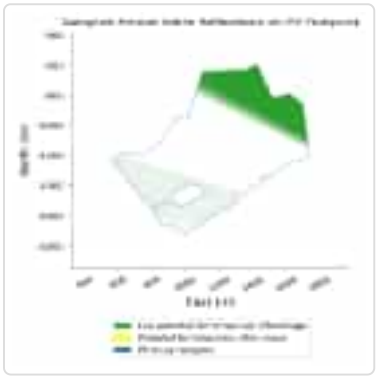
PV array is expected to produce the following glare for this receptor:

- 216 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





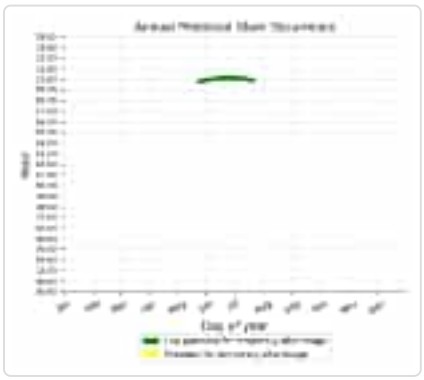


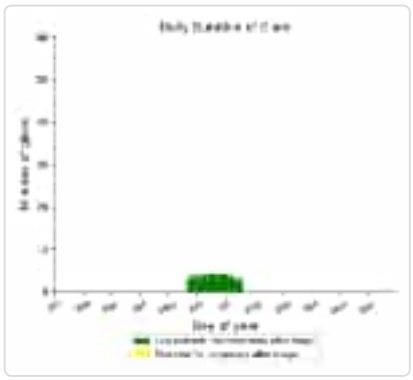


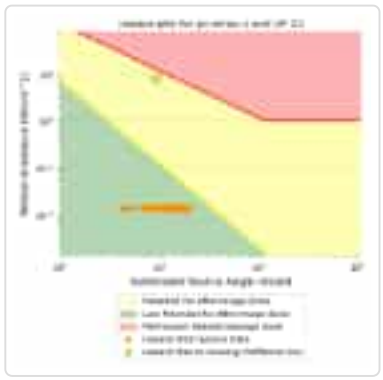
PV array 3: OP 53

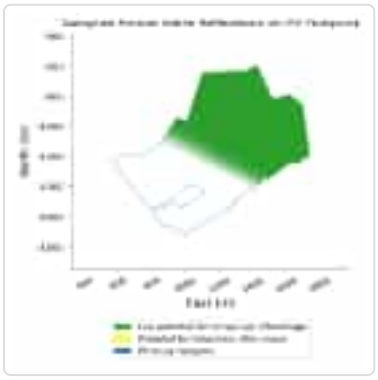
PV array is expected to produce the following glare for this receptor:

- 220 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





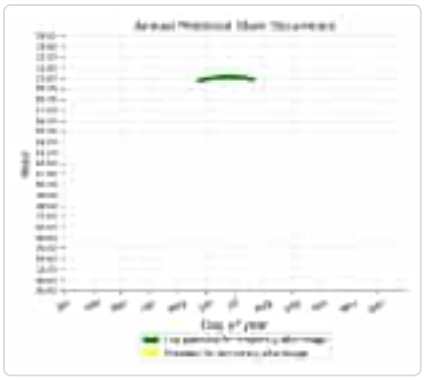


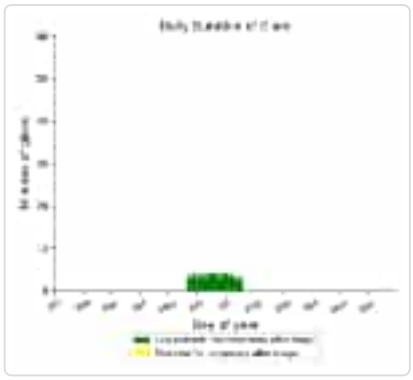


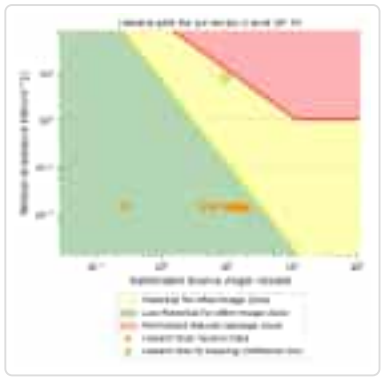
PV array 3: OP 54

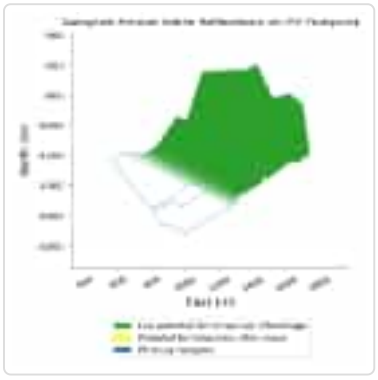
PV array is expected to produce the following glare for this receptor:

- 214 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





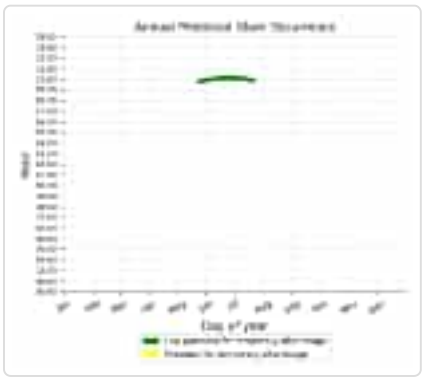


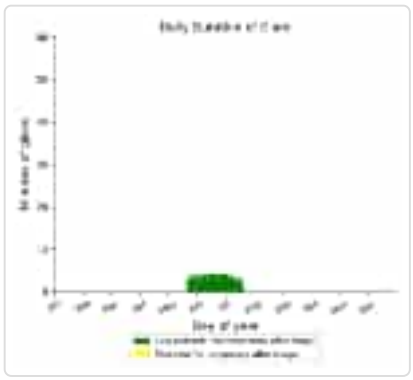


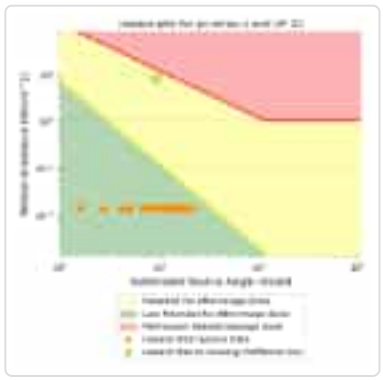
PV array 3: OP 55

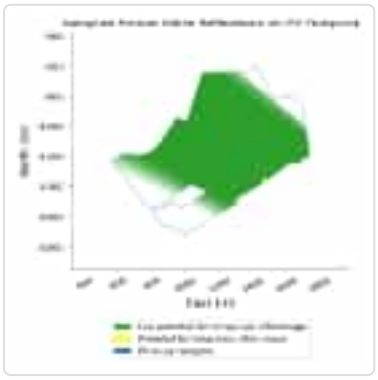
PV array is expected to produce the following glare for this receptor:

- 220 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





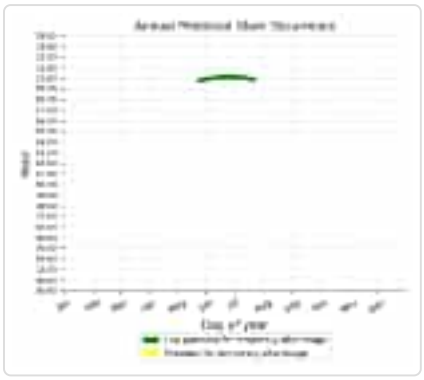


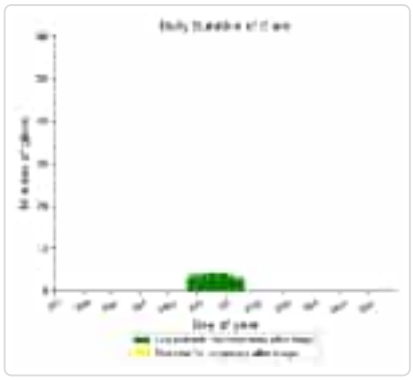


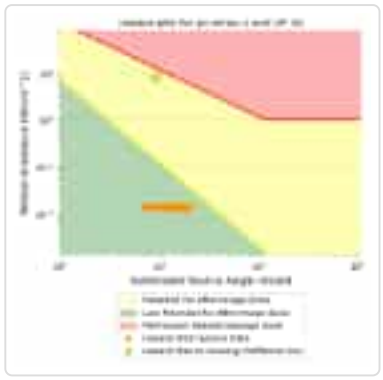
PV array 3: OP 56

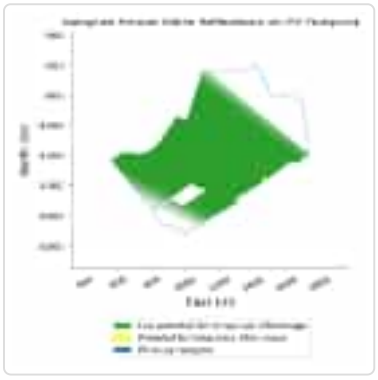
PV array is expected to produce the following glare for this receptor:

- 224 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





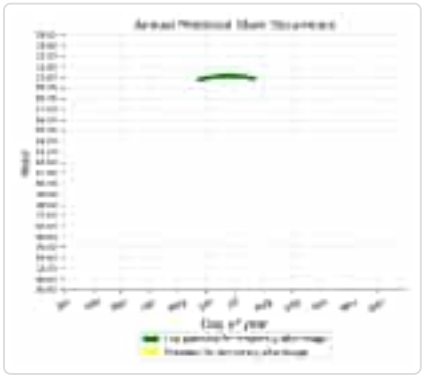


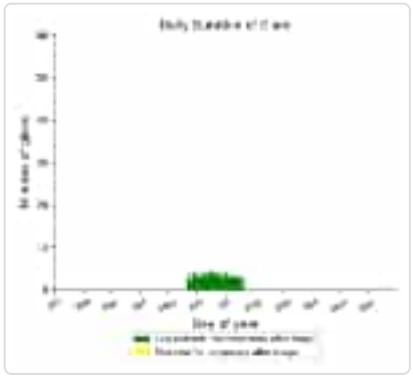


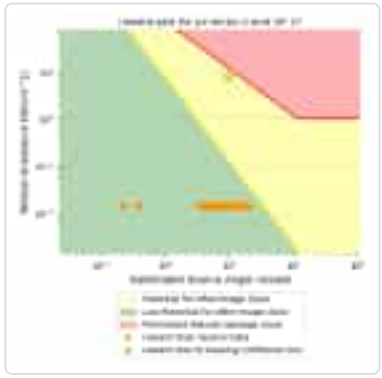
PV array 3: OP 57

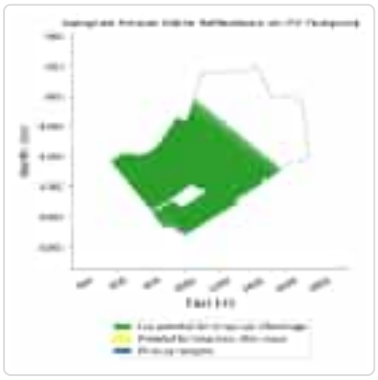
PV array is expected to produce the following glare for this receptor:

- 206 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





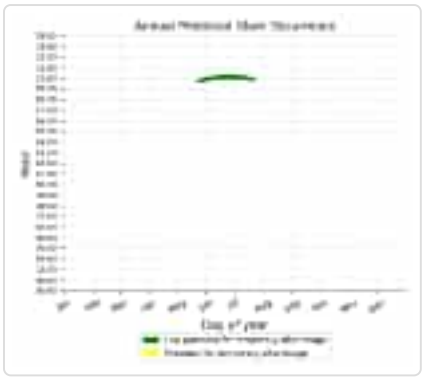


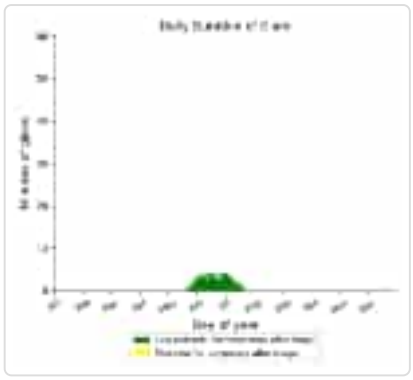


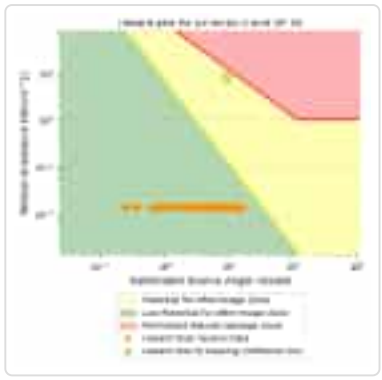
PV array 3: OP 58

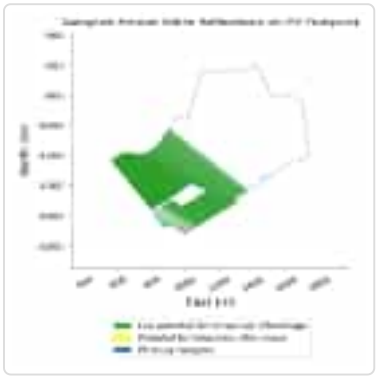
PV array is expected to produce the following glare for this receptor:

- 173 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





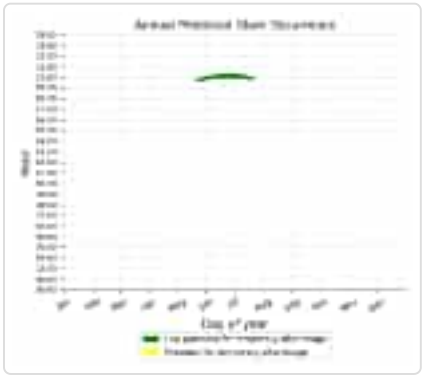


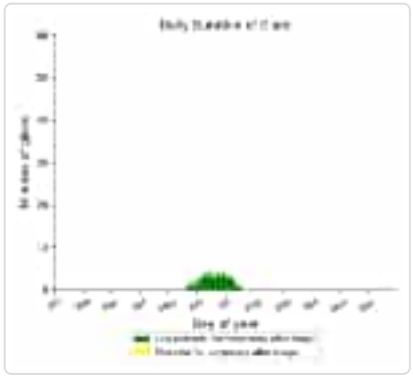


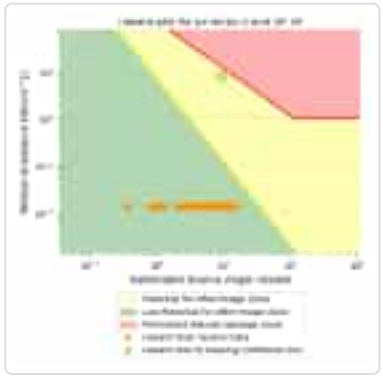
PV array 3: OP 59

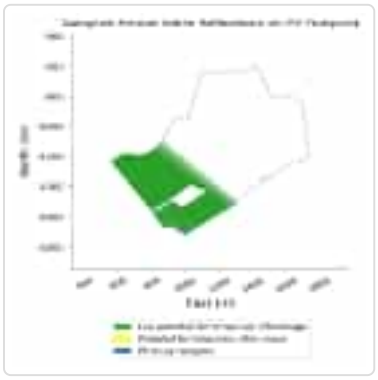
PV array is expected to produce the following glare for this receptor:

- 154 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





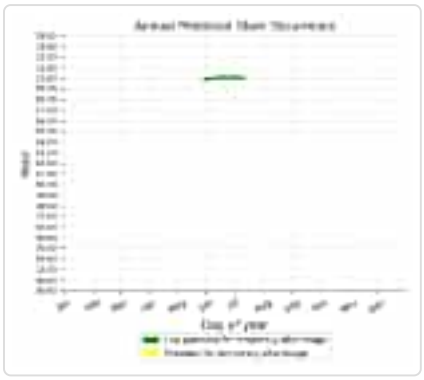


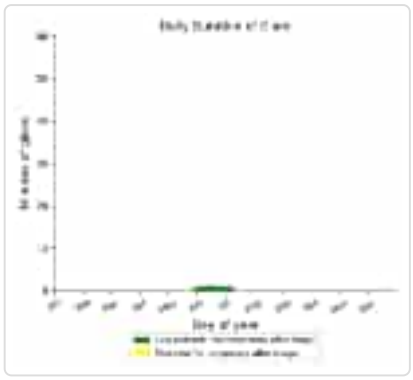


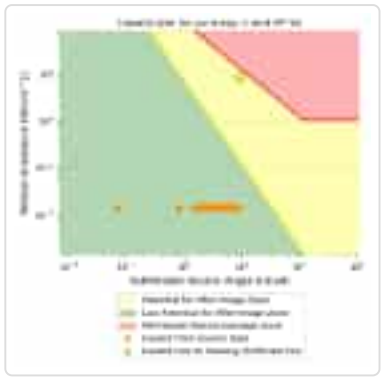
PV array 3: OP 60

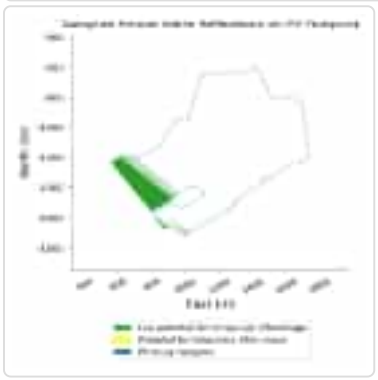
PV array is expected to produce the following glare for this receptor:

- 43 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





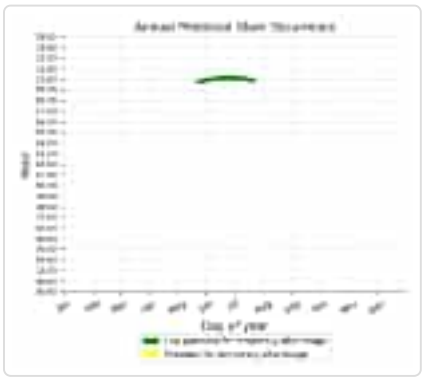


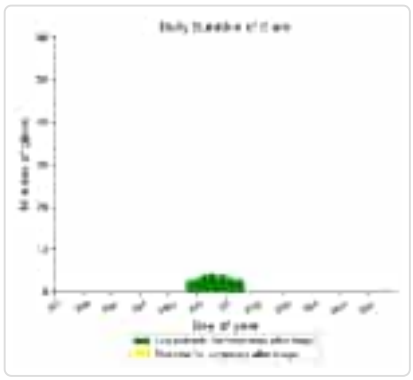


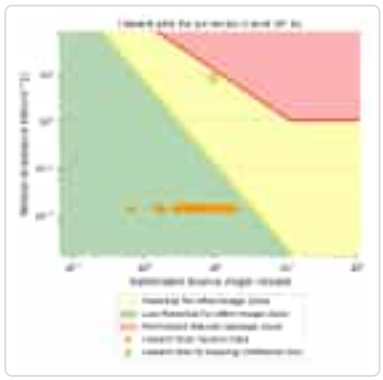
PV array 3: OP 61

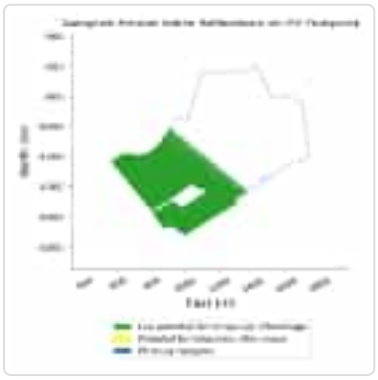
PV array is expected to produce the following glare for this receptor:

- 207 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





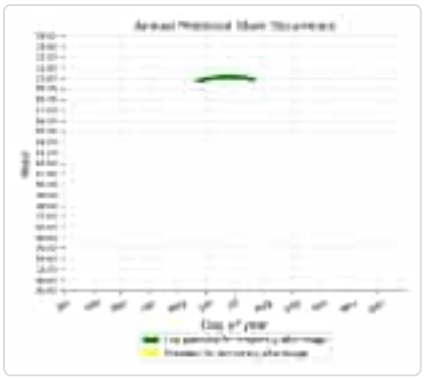


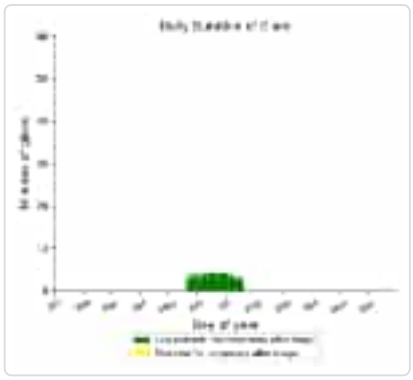


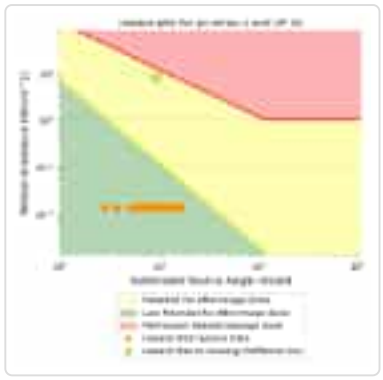
PV array 3: OP 62

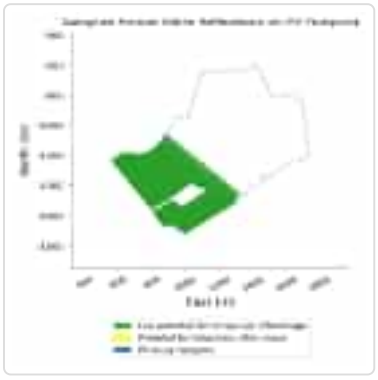
PV array is expected to produce the following glare for this receptor:

- 223 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3: OP 63

No glare found

PV array 3: OP 64

No glare found

PV array 3: OP 65

No glare found

PV array 3: OP 66

No glare found

PV array 3: OP 67

No glare found

PV array 3: OP 68

No glare found

PV array 3: OP 69

No glare found

PV array 3: OP 70

No glare found

PV array 3: OP 71

No glare found

PV array 3: OP 72

No glare found

PV array 3: OP 73

No glare found

PV array 3: OP 74

No glare found

PV array 3: OP 75

No glare found

PV array 3: OP 76

No glare found

PV array 3: OP 77

No glare found

PV array 3: OP 78

No glare found

PV array 3: OP 79

No glare found

PV array 4 potential temporary after-image

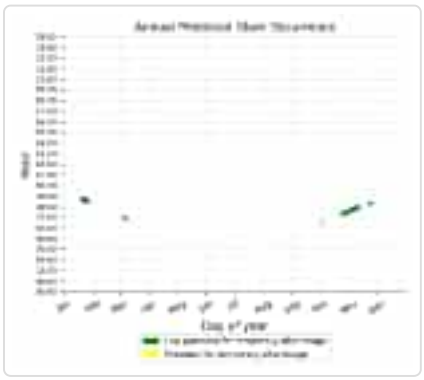
Component	Green glare (min)	Yellow glare (min)
OP: OP 1	134	0
OP: OP 2	105	0
OP: OP 3	52	0
OP: OP 4	18	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	748	12
OP: OP 8	732	9
OP: OP 9	939	109
OP: OP 10	929	140
OP: OP 11	860	157
OP: OP 12	1132	0
OP: OP 13	2579	811
OP: OP 14	1085	190
OP: OP 15	1077	128
OP: OP 16	408	7
OP: OP 17	2652	1891
OP: OP 18	2254	1544
OP: OP 19	1212	176
OP: OP 20	2586	1501
OP: OP 21	2003	1041
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	599	0
OP: OP 32	0	0
OP: OP 33	479	2
OP: OP 34	449	36
OP: OP 35	440	13
OP: OP 36	246	275
OP: OP 37	326	401
OP: OP 38	502	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0

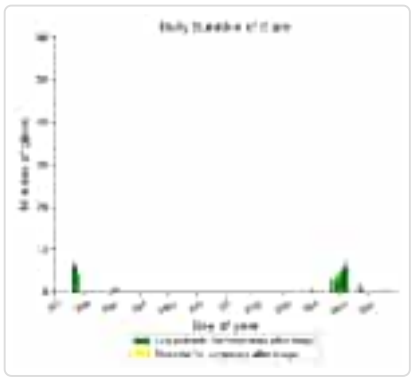
OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

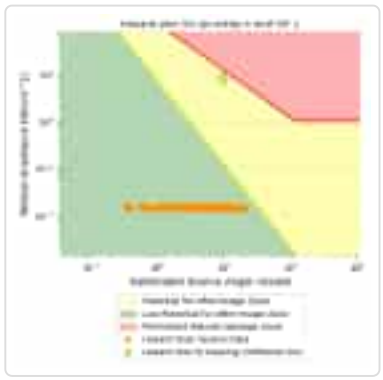
PV array 4: OP 1

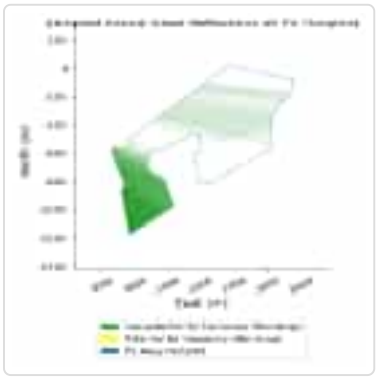
PV array is expected to produce the following glare for this receptor:

- 134 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





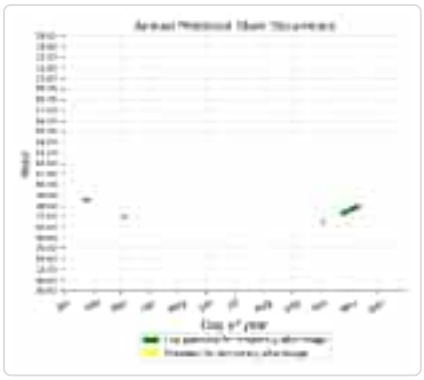


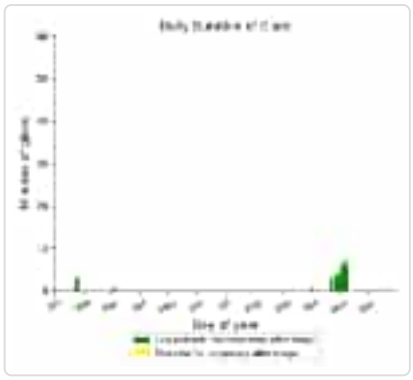


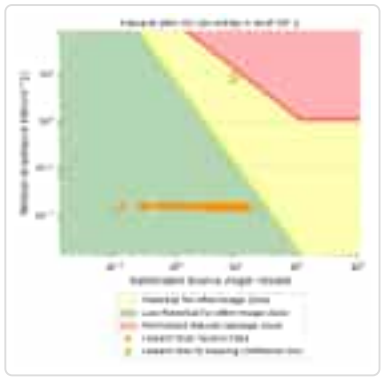
PV array 4: OP 2

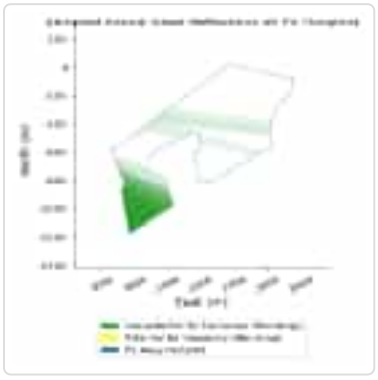
PV array is expected to produce the following glare for this receptor:

- 105 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





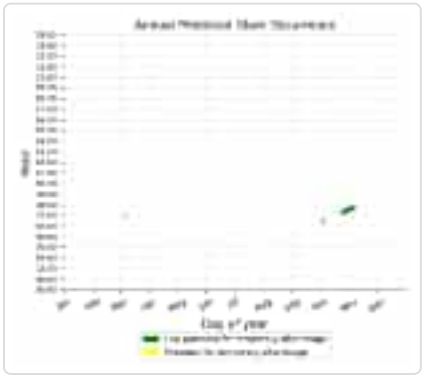


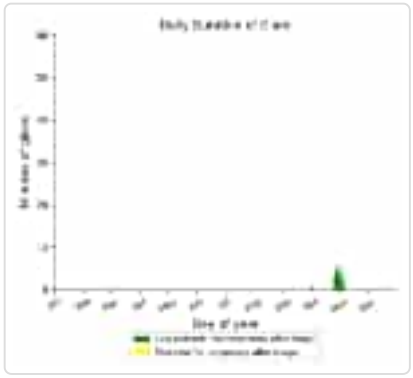


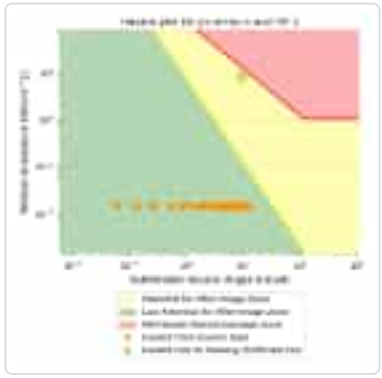
PV array 4: OP 3

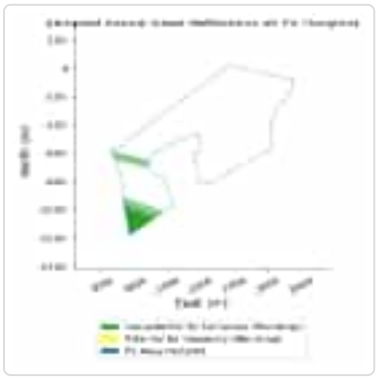
PV array is expected to produce the following glare for this receptor:

- 52 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





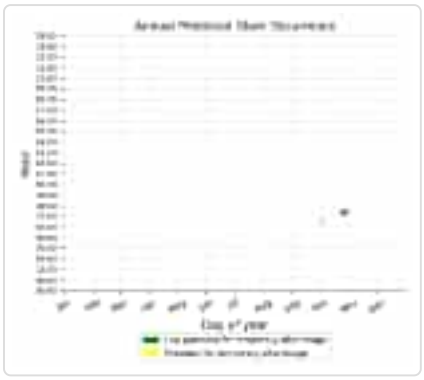


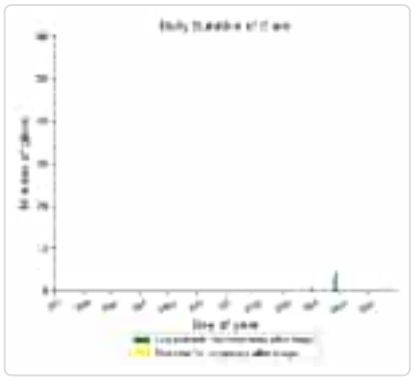


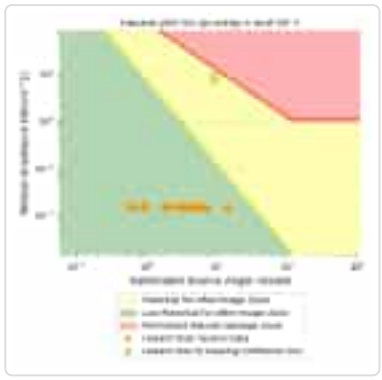
PV array 4: OP 4

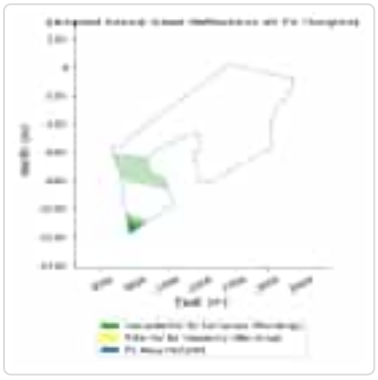
PV array is expected to produce the following glare for this receptor:

- 18 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 5

No glare found

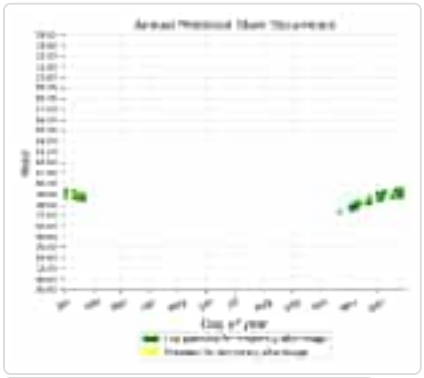
PV array 4: OP 6

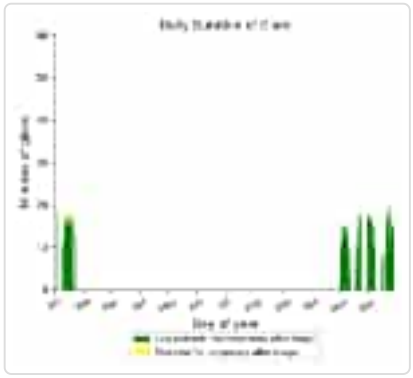
No glare found

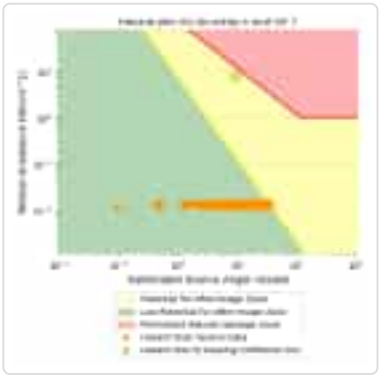
PV array 4: OP 7

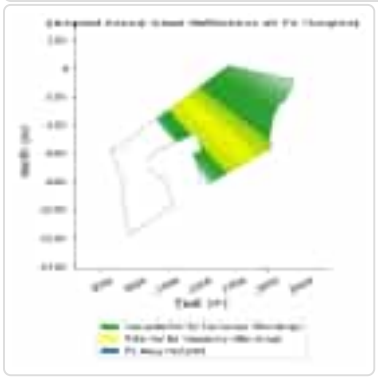
PV array is expected to produce the following glare for this receptor:

- 748 minutes of "green" glare with low potential to cause temporary after-image.
- 12 minutes of "yellow" glare with potential to cause temporary after-image.





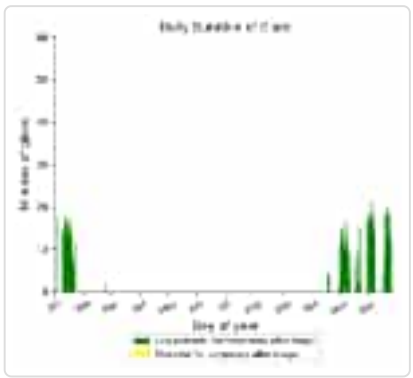


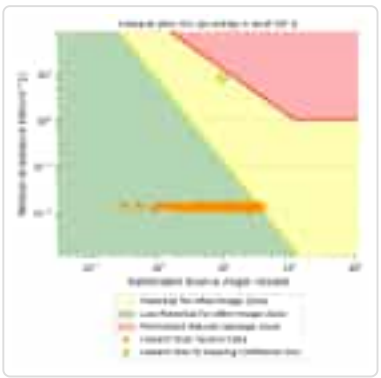


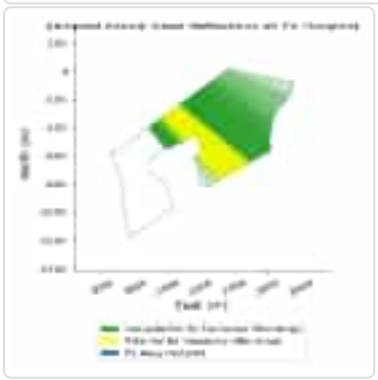
PV array 4: OP 8

PV array is expected to produce the following glare for this receptor:

- 732 minutes of "green" glare with low potential to cause temporary after-image.
- 9 minutes of "yellow" glare with potential to cause temporary after-image.



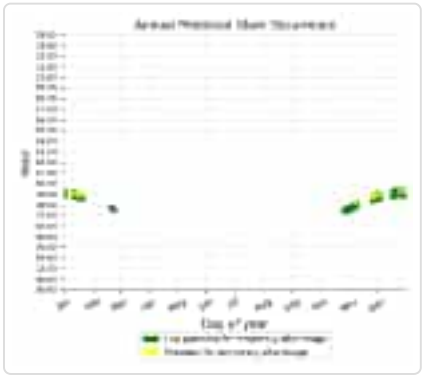


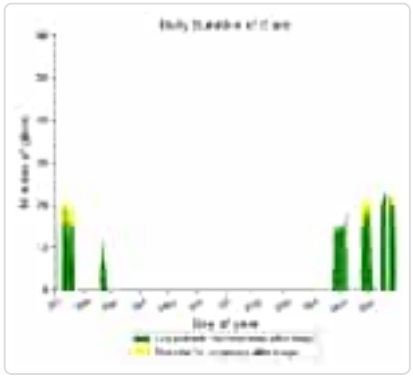


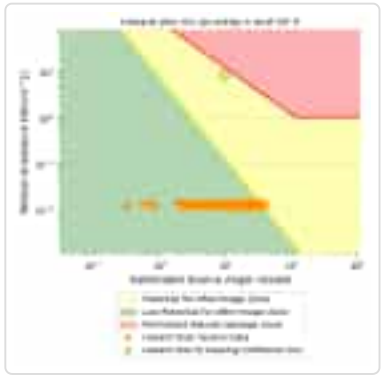
PV array 4: OP 9

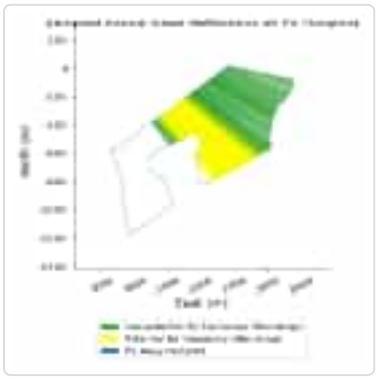
PV array is expected to produce the following glare for this receptor:

- 939 minutes of "green" glare with low potential to cause temporary after-image.
- 109 minutes of "yellow" glare with potential to cause temporary after-image.





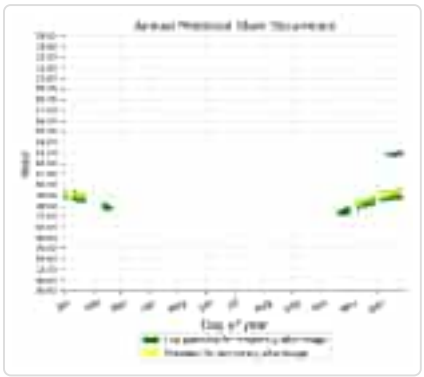


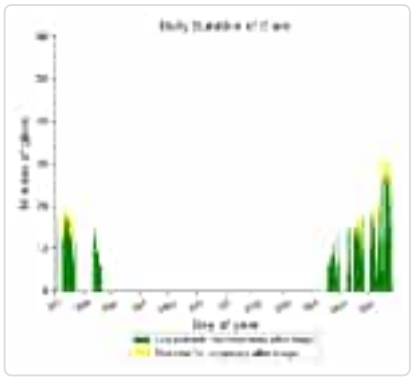


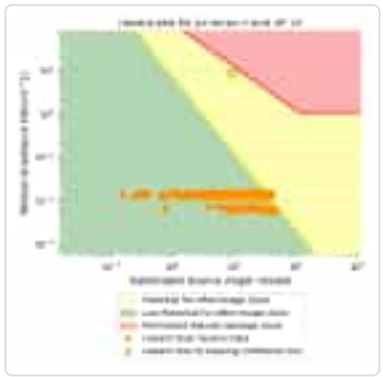
PV array 4: OP 10

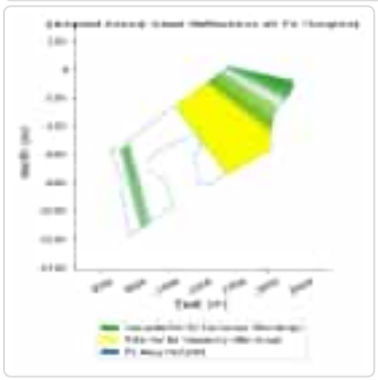
PV array is expected to produce the following glare for this receptor:

- 929 minutes of "green" glare with low potential to cause temporary after-image.
- 140 minutes of "yellow" glare with potential to cause temporary after-image.





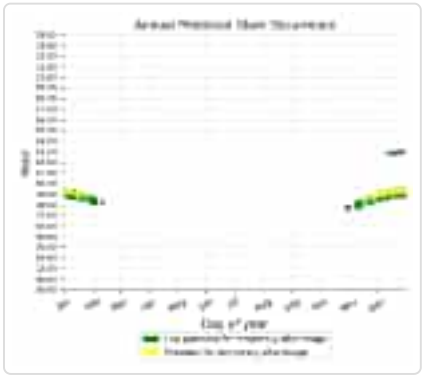


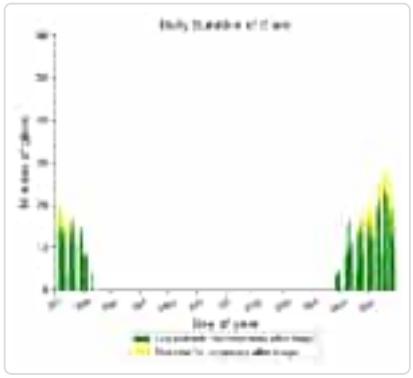


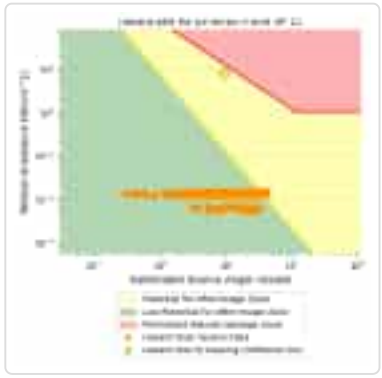
PV array 4: OP 11

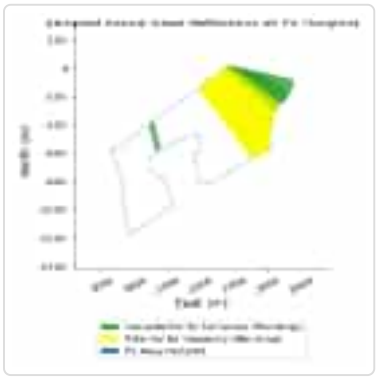
PV array is expected to produce the following glare for this receptor:

- 860 minutes of "green" glare with low potential to cause temporary after-image.
- 157 minutes of "yellow" glare with potential to cause temporary after-image.





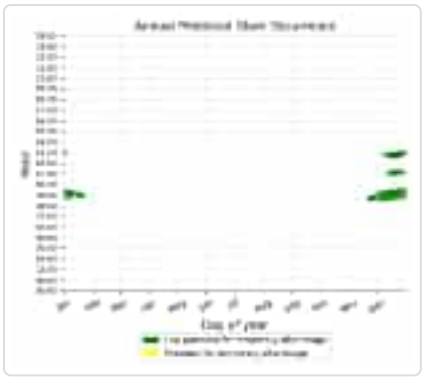


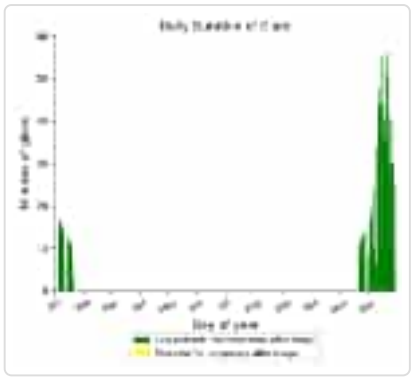


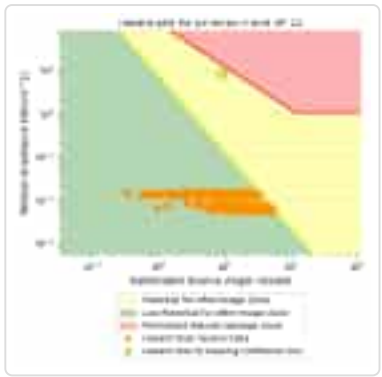
PV array 4: OP 12

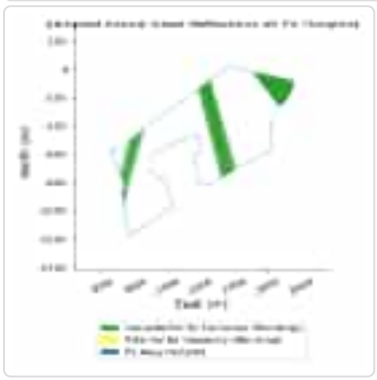
PV array is expected to produce the following glare for this receptor:

- 1,132 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





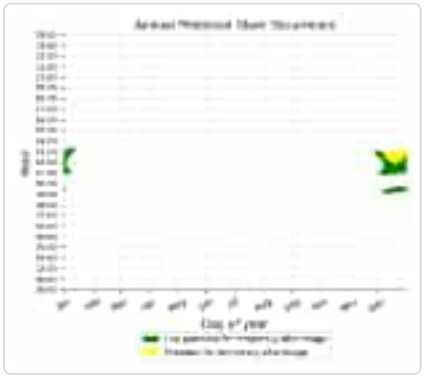


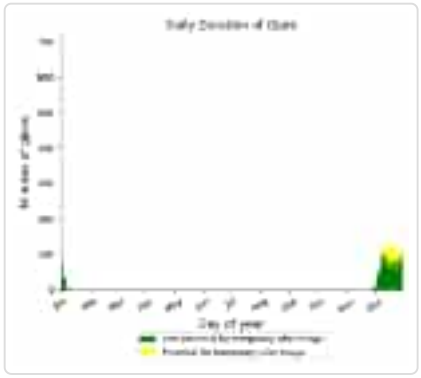


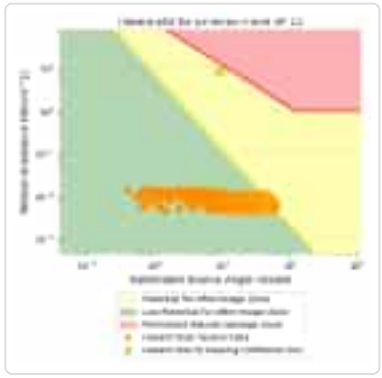
PV array 4: OP 13

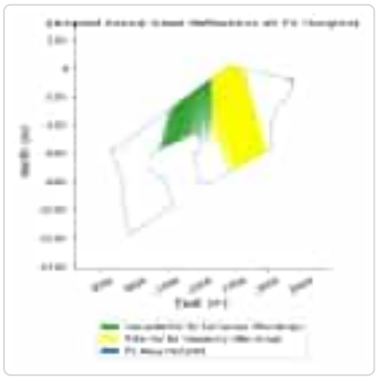
PV array is expected to produce the following glare for this receptor:

- 2,579 minutes of "green" glare with low potential to cause temporary after-image.
- 811 minutes of "yellow" glare with potential to cause temporary after-image.





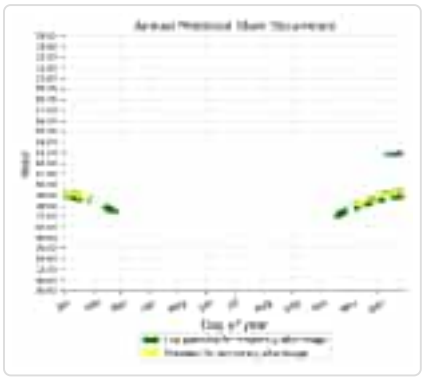


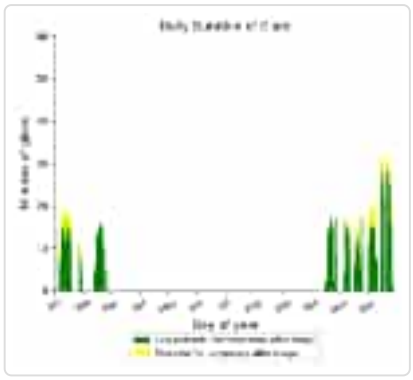


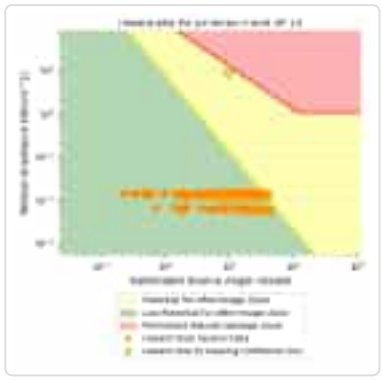
PV array 4: OP 14

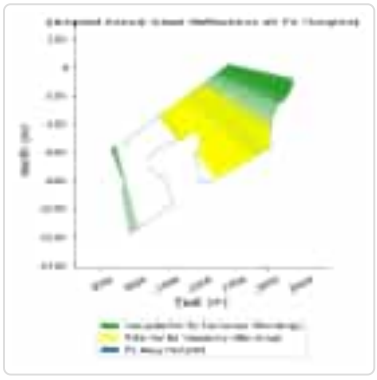
PV array is expected to produce the following glare for this receptor:

- 1,085 minutes of "green" glare with low potential to cause temporary after-image.
- 190 minutes of "yellow" glare with potential to cause temporary after-image.





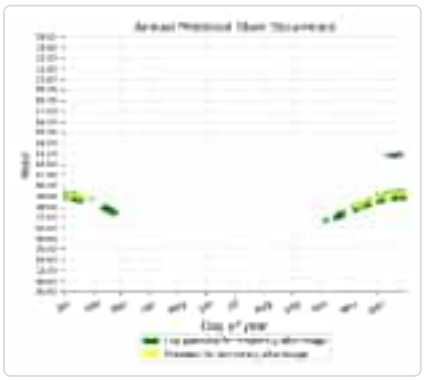


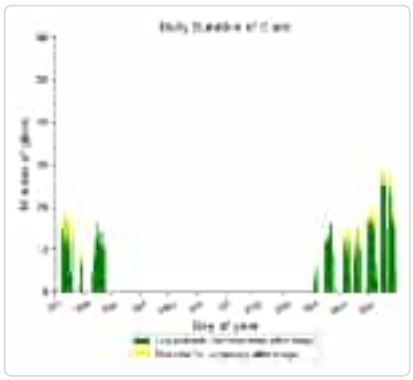


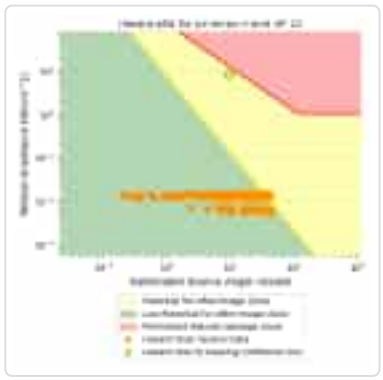
PV array 4: OP 15

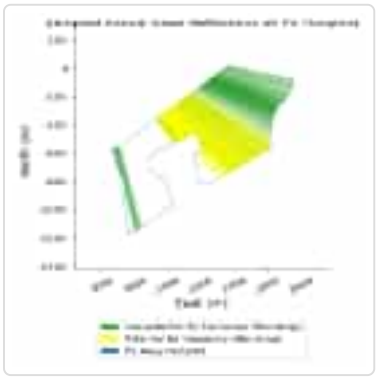
PV array is expected to produce the following glare for this receptor:

- 1,077 minutes of "green" glare with low potential to cause temporary after-image.
- 128 minutes of "yellow" glare with potential to cause temporary after-image.





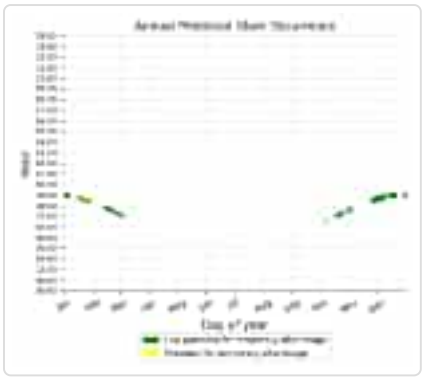


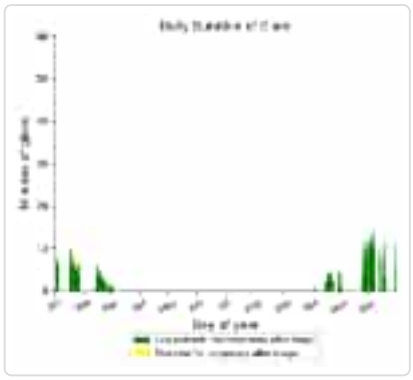


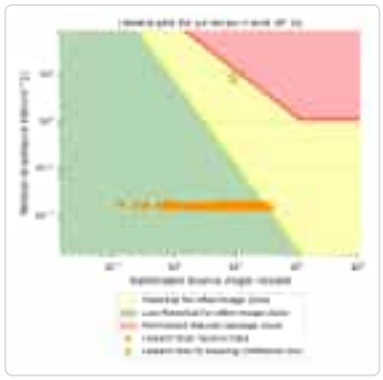
PV array 4: OP 16

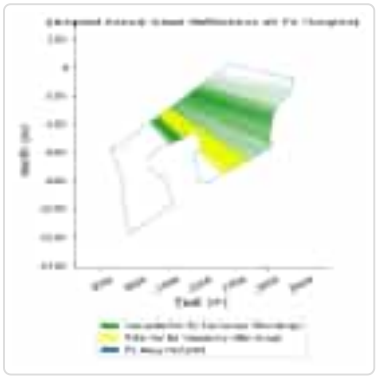
PV array is expected to produce the following glare for this receptor:

- 408 minutes of "green" glare with low potential to cause temporary after-image.
- 7 minutes of "yellow" glare with potential to cause temporary after-image.





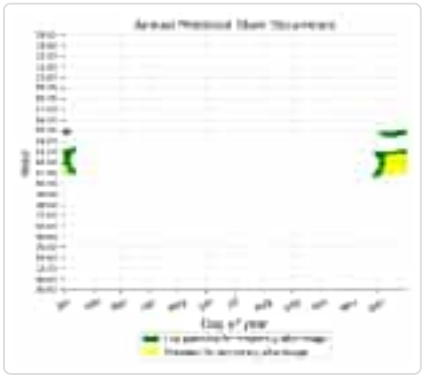


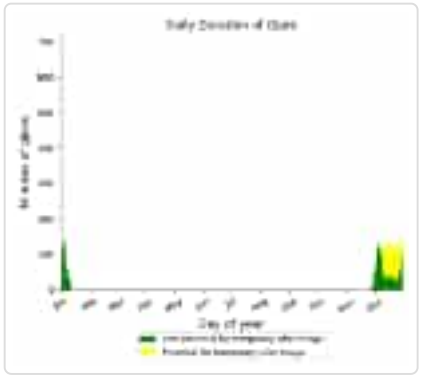


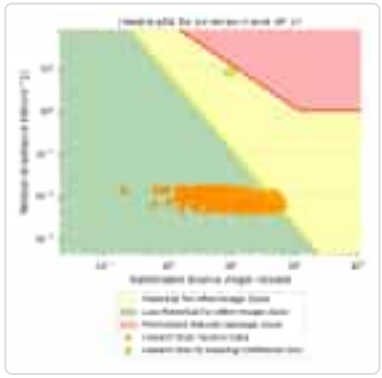
PV array 4: OP 17

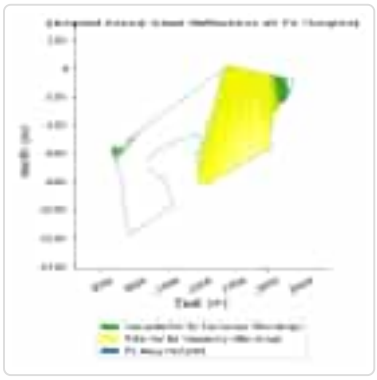
PV array is expected to produce the following glare for this receptor:

- 2,652 minutes of "green" glare with low potential to cause temporary after-image.
- 1,891 minutes of "yellow" glare with potential to cause temporary after-image.





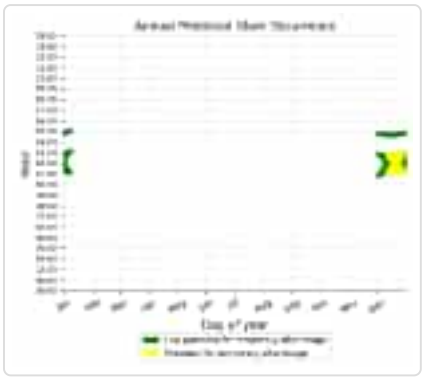


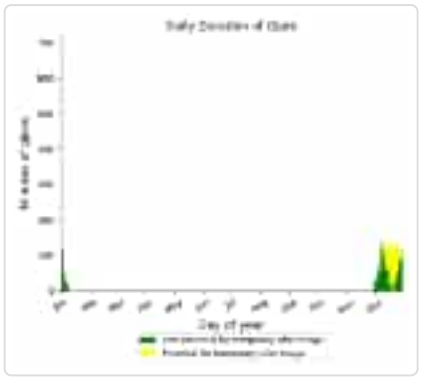


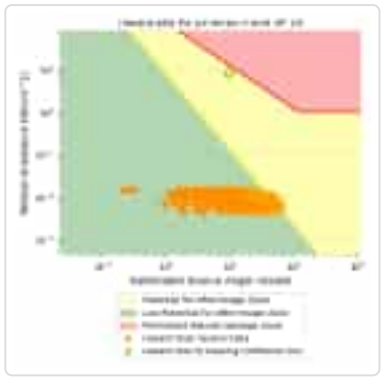
PV array 4: OP 18

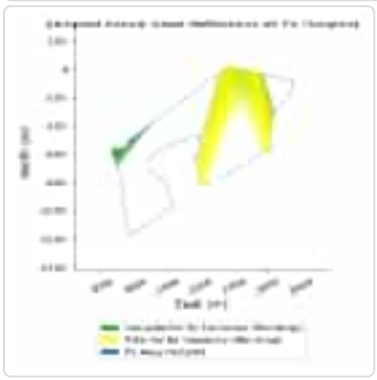
PV array is expected to produce the following glare for this receptor:

- 2,254 minutes of "green" glare with low potential to cause temporary after-image.
- 1,544 minutes of "yellow" glare with potential to cause temporary after-image.





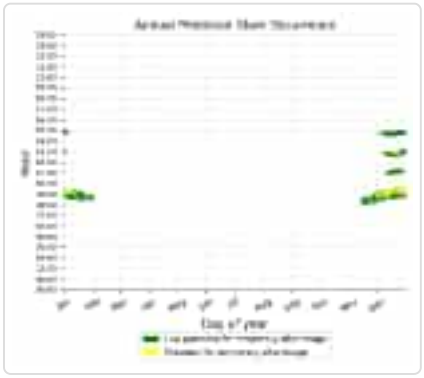


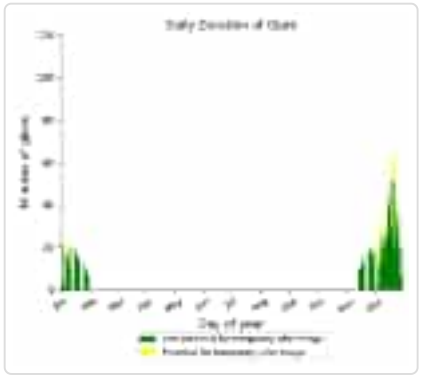


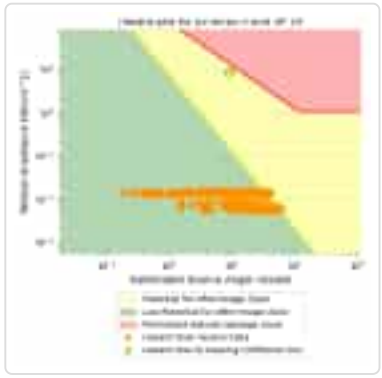
PV array 4: OP 19

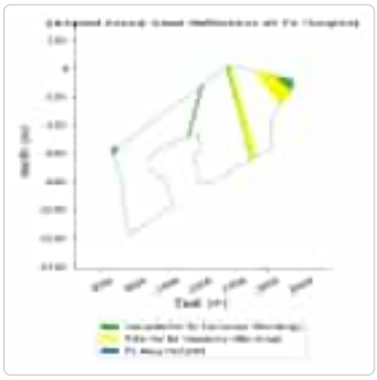
PV array is expected to produce the following glare for this receptor:

- 1,212 minutes of "green" glare with low potential to cause temporary after-image.
- 176 minutes of "yellow" glare with potential to cause temporary after-image.





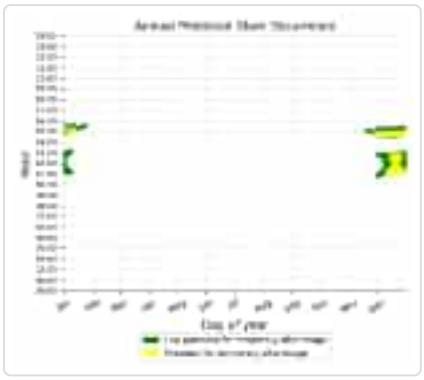


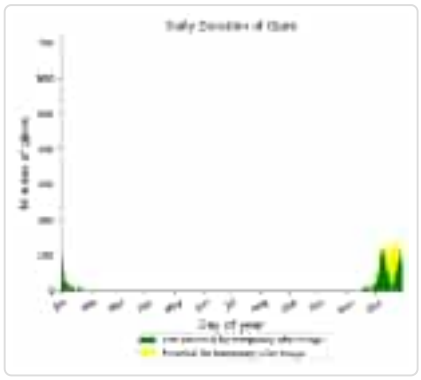


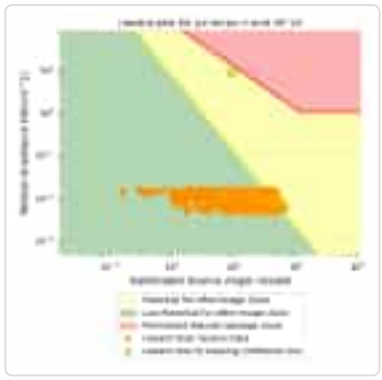
PV array 4: OP 20

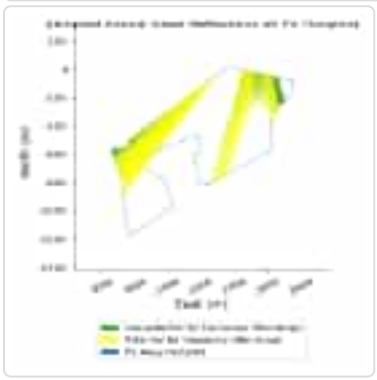
PV array is expected to produce the following glare for this receptor:

- 2,586 minutes of "green" glare with low potential to cause temporary after-image.
- 1,501 minutes of "yellow" glare with potential to cause temporary after-image.





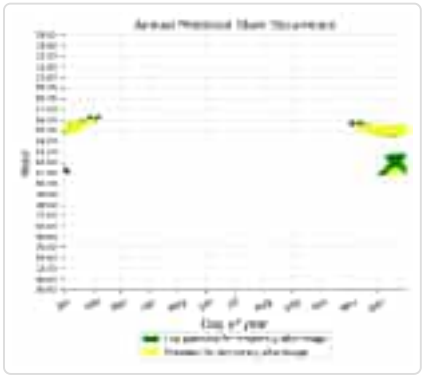


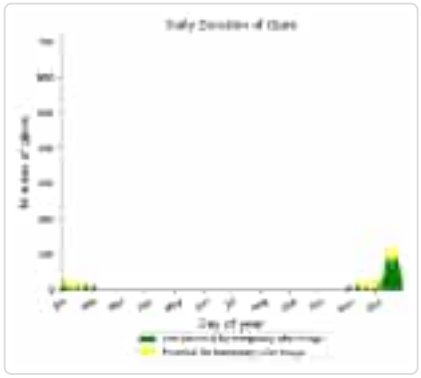


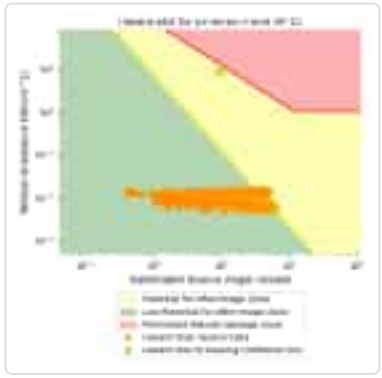
PV array 4: OP 21

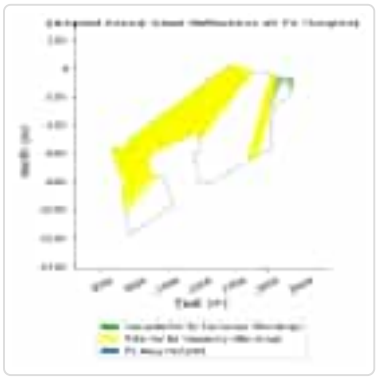
PV array is expected to produce the following glare for this receptor:

- 2,003 minutes of "green" glare with low potential to cause temporary after-image.
- 1,041 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 22

No glare found

PV array 4: OP 23

No glare found

PV array 4: OP 24

No glare found

PV array 4: OP 25

No glare found

PV array 4: OP 26

No glare found

PV array 4: OP 27

No glare found

PV array 4: OP 28

No glare found

PV array 4: OP 29

No glare found

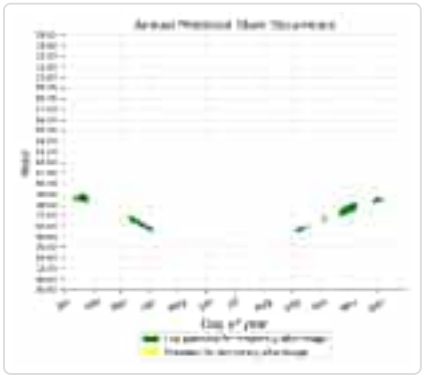
PV array 4: OP 30

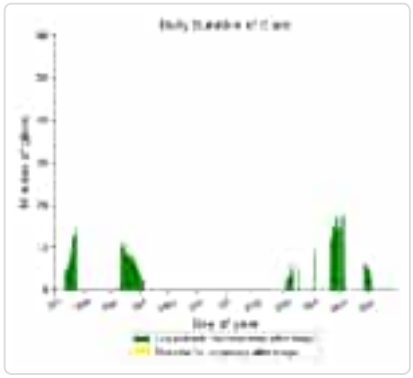
No glare found

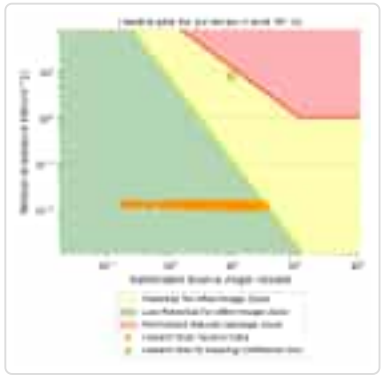
PV array 4: OP 31

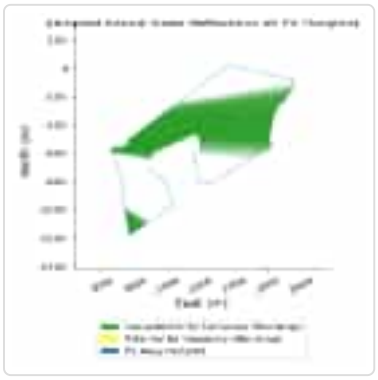
PV array is expected to produce the following glare for this receptor:

- 599 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









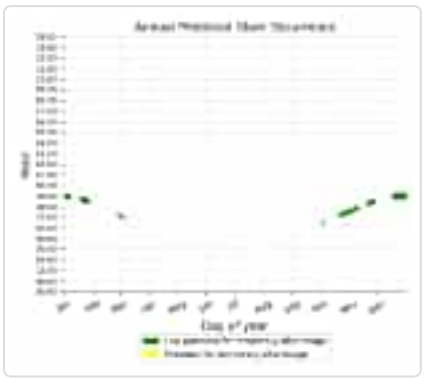
PV array 4: OP 32

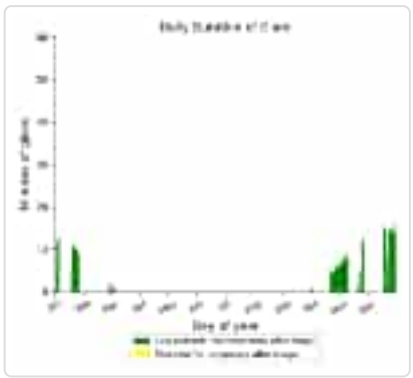
No glare found

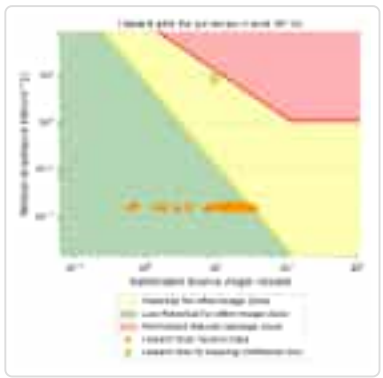
PV array 4: OP 33

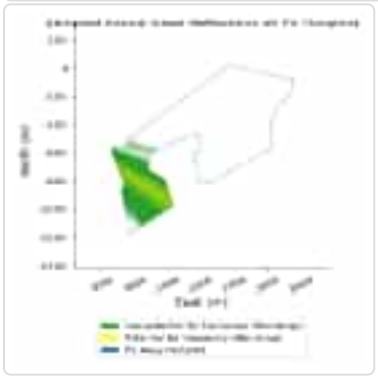
PV array is expected to produce the following glare for this receptor:

- 479 minutes of "green" glare with low potential to cause temporary after-image.
- 2 minutes of "yellow" glare with potential to cause temporary after-image.





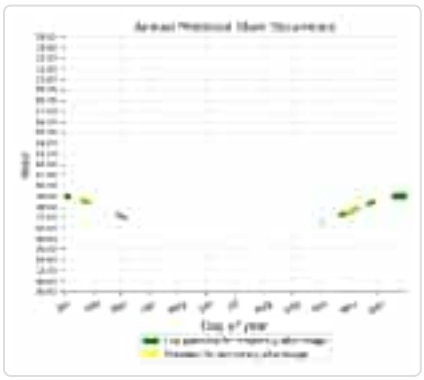


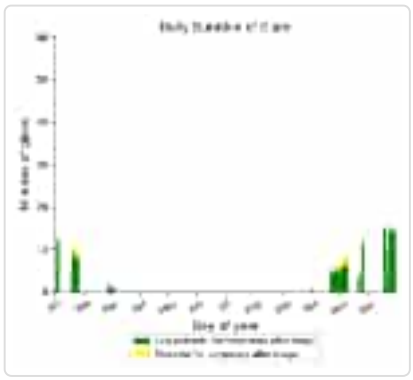


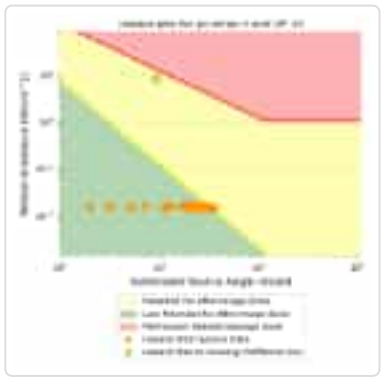
PV array 4: OP 34

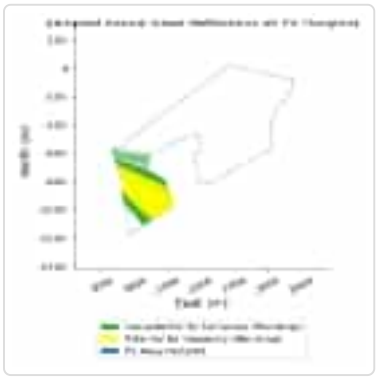
PV array is expected to produce the following glare for this receptor:

- 449 minutes of "green" glare with low potential to cause temporary after-image.
- 36 minutes of "yellow" glare with potential to cause temporary after-image.





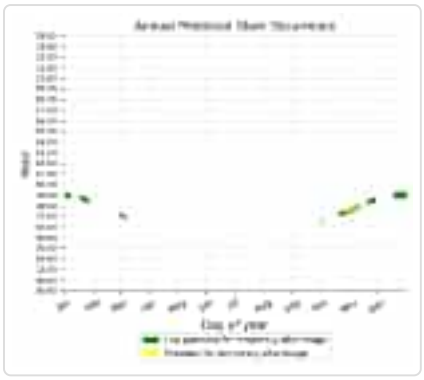


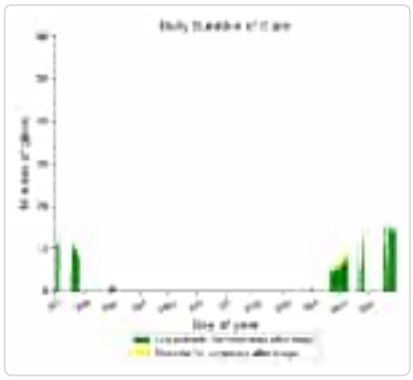


PV array 4: OP 35

PV array is expected to produce the following glare for this receptor:

- 440 minutes of "green" glare with low potential to cause temporary after-image.
- 13 minutes of "yellow" glare with potential to cause temporary after-image.

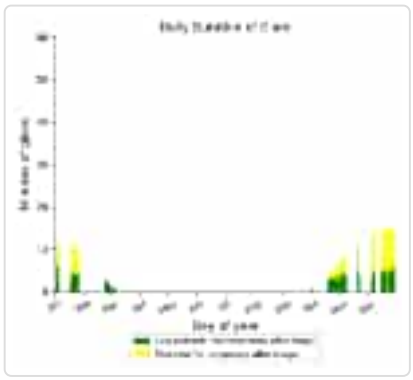


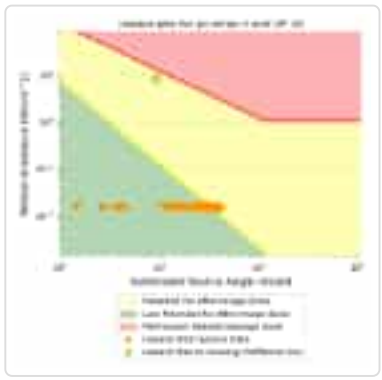


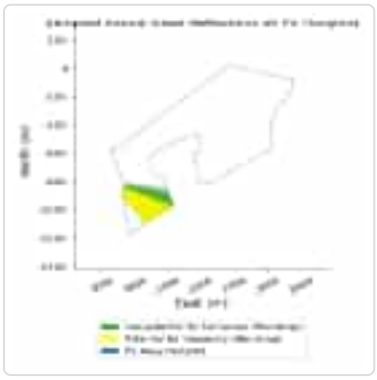
PV array 4: OP 36

PV array is expected to produce the following glare for this receptor:

- 246 minutes of "green" glare with low potential to cause temporary after-image.
- 275 minutes of "yellow" glare with potential to cause temporary after-image.



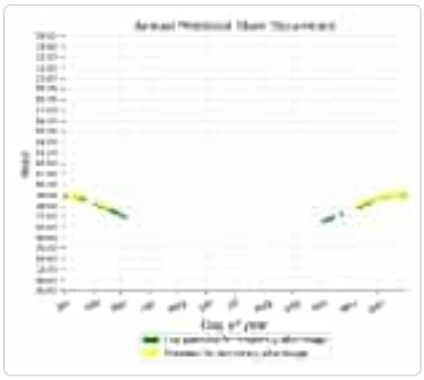


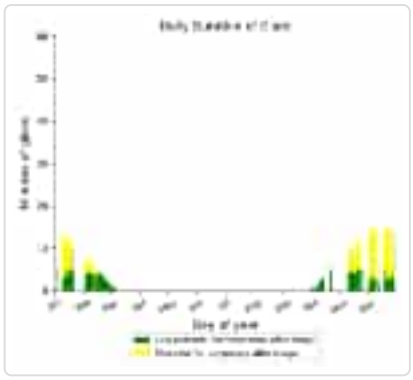


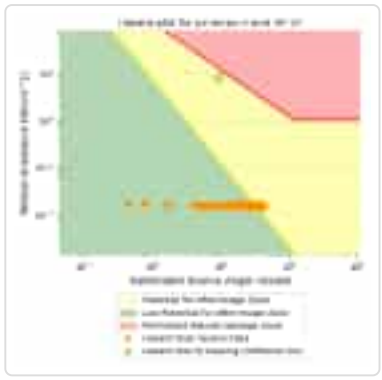
PV array 4: OP 37

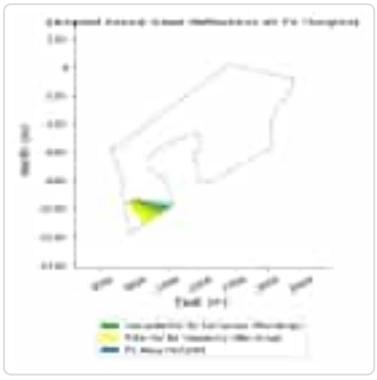
PV array is expected to produce the following glare for this receptor:

- 326 minutes of "green" glare with low potential to cause temporary after-image.
- 401 minutes of "yellow" glare with potential to cause temporary after-image.





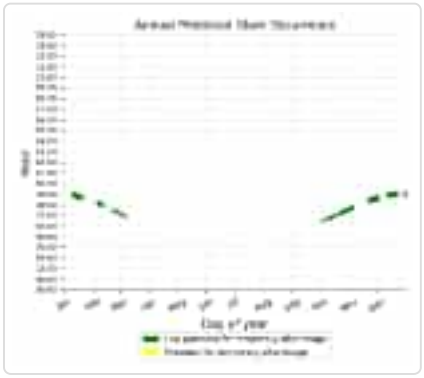


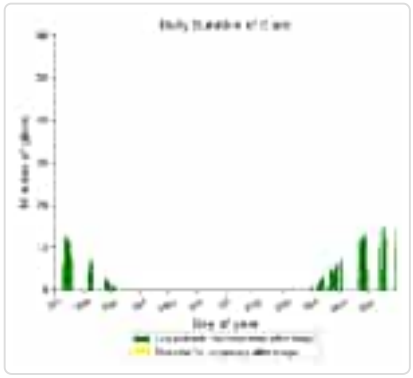


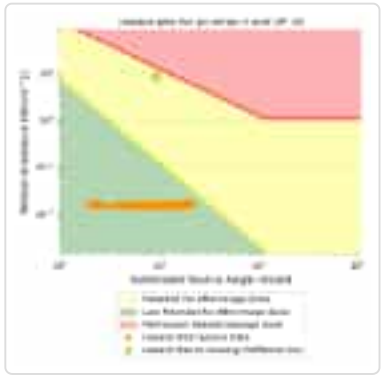
PV array 4: OP 38

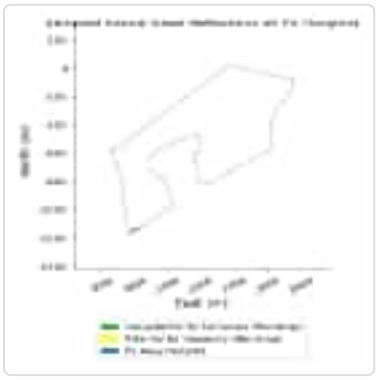
PV array is expected to produce the following glare for this receptor:

- 502 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 4: OP 39

No glare found

PV array 4: OP 40

No glare found

PV array 4: OP 41

No glare found

PV array 4: OP 42

No glare found

PV array 4: OP 43

No glare found

PV array 4: OP 44

No glare found

PV array 4: OP 45

No glare found

PV array 4: OP 46

No glare found

PV array 4: OP 47

No glare found

PV array 4: OP 48

No glare found

PV array 4: OP 49

No glare found

PV array 4: OP 50

No glare found

PV array 4: OP 51

No glare found

PV array 4: OP 52

No glare found

PV array 4: OP 53

No glare found

PV array 4: OP 54

No glare found

PV array 4: OP 55

No glare found

PV array 4: OP 56

No glare found

PV array 4: OP 57

No glare found

PV array 4: OP 58

No glare found

PV array 4: OP 59

No glare found

PV array 4: OP 60

No glare found

PV array 4: OP 61

No glare found

PV array 4: OP 62

No glare found

PV array 4: OP 63

No glare found

PV array 4: OP 64

No glare found

PV array 4: OP 65

No glare found

PV array 4: OP 66

No glare found

PV array 4: OP 67

No glare found

PV array 4: OP 68

No glare found

PV array 4: OP 69

No glare found

PV array 4: OP 70

No glare found

PV array 4: OP 71

No glare found

PV array 4: OP 72

No glare found

PV array 4: OP 73

No glare found

PV array 4: OP 74

No glare found

PV array 4: OP 75

No glare found

PV array 4: OP 76

No glare found

PV array 4: OP 77

No glare found

PV array 4: OP 78

No glare found

PV array 4: OP 79

No glare found

PV array 5 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	27	0
OP: OP 4	104	0
OP: OP 5	240	0
OP: OP 6	360	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	467	0
OP: OP 23	475	0
OP: OP 24	0	0
OP: OP 25	489	0
OP: OP 26	485	0
OP: OP 27	514	0
OP: OP 28	621	0
OP: OP 29	566	0
OP: OP 30	362	0
OP: OP 31	292	0
OP: OP 32	282	0
OP: OP 33	346	0
OP: OP 34	476	0
OP: OP 35	627	0
OP: OP 36	523	0
OP: OP 37	421	0
OP: OP 38	220	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0

OP: OP 51	0	0
OP: OP 52	0	0
OP: OP 53	0	0
OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

PV array 5: OP 1

No glare found

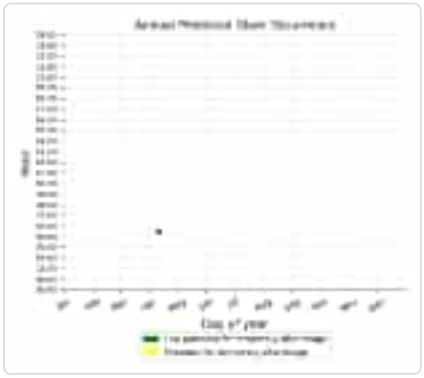
PV array 5: OP 2

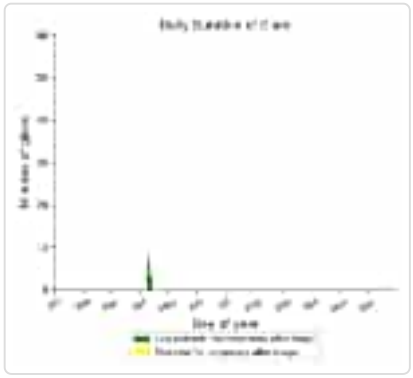
No glare found

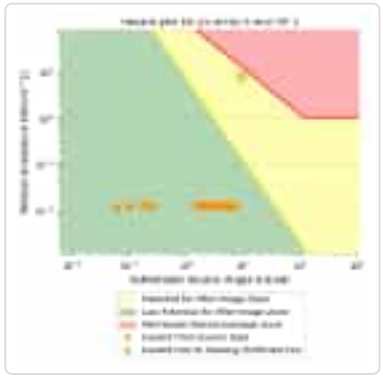
PV array 5: OP 3

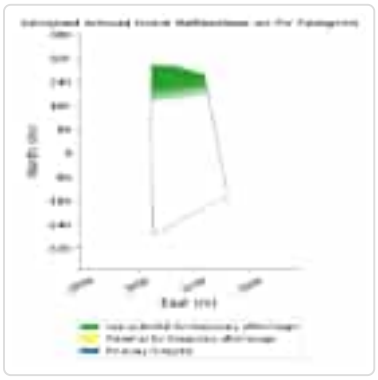
PV array is expected to produce the following glare for this receptor:

- 27 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





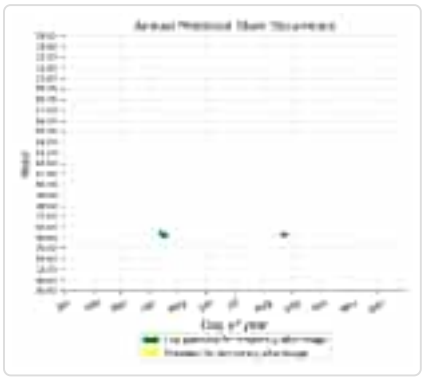


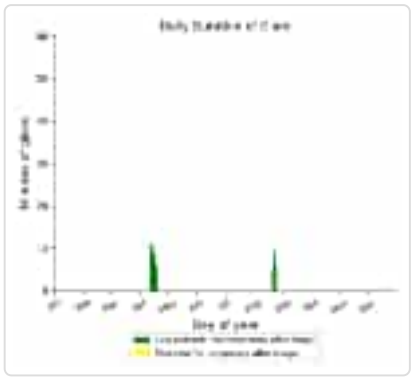


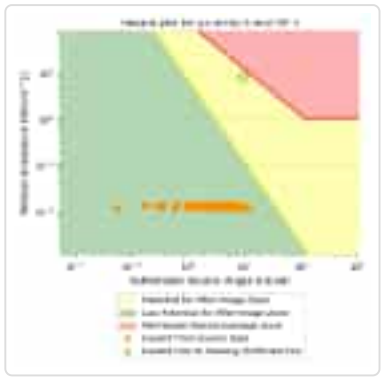
PV array 5: OP 4

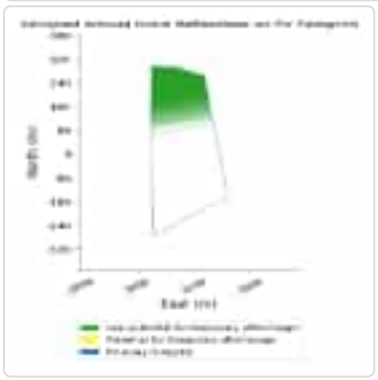
PV array is expected to produce the following glare for this receptor:

- 104 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





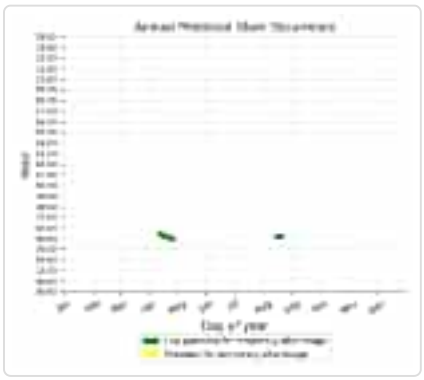


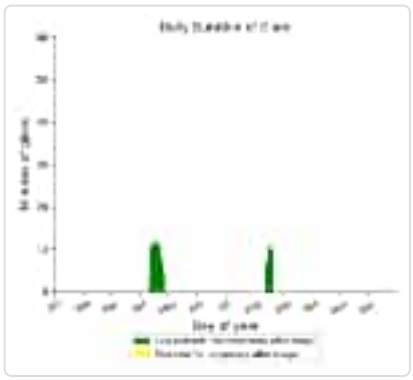


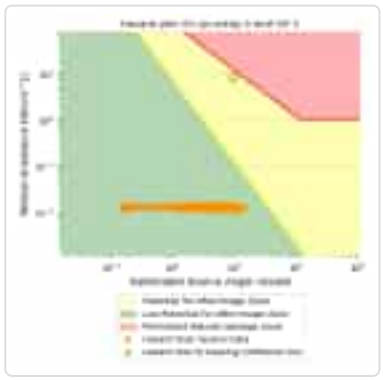
PV array 5: OP 5

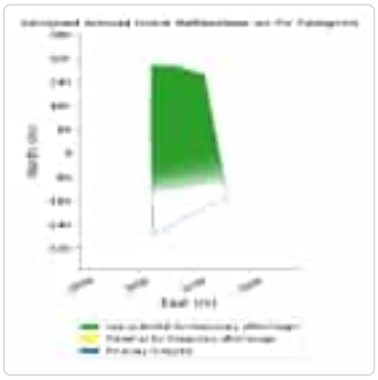
PV array is expected to produce the following glare for this receptor:

- 240 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





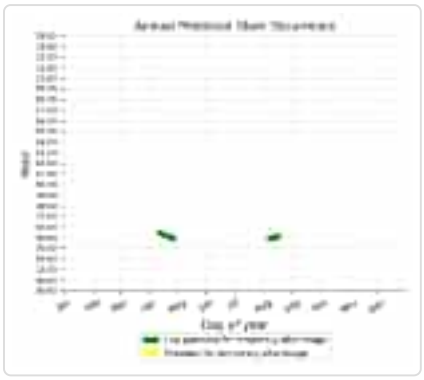


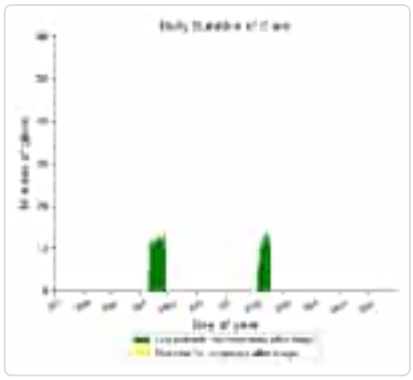


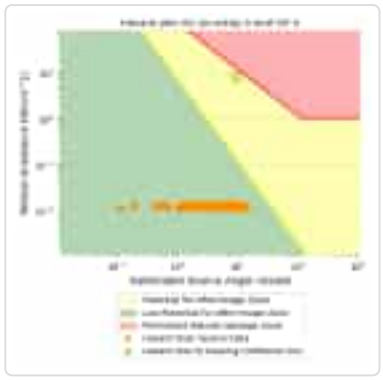
PV array 5: OP 6

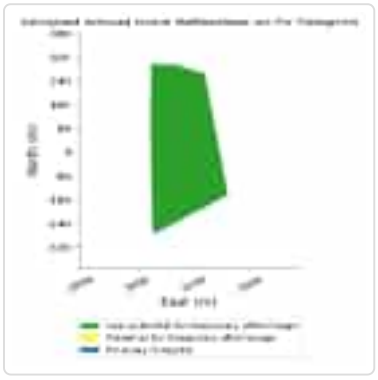
PV array is expected to produce the following glare for this receptor:

- 360 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 7

No glare found

PV array 5: OP 8

No glare found

PV array 5: OP 9

No glare found

PV array 5: OP 10

No glare found

PV array 5: OP 11

No glare found

PV array 5: OP 12

No glare found

PV array 5: OP 13

No glare found

PV array 5: OP 14

No glare found

PV array 5: OP 15

No glare found

PV array 5: OP 16

No glare found

PV array 5: OP 17

No glare found

PV array 5: OP 18

No glare found

PV array 5: OP 19

No glare found

PV array 5: OP 20

No glare found

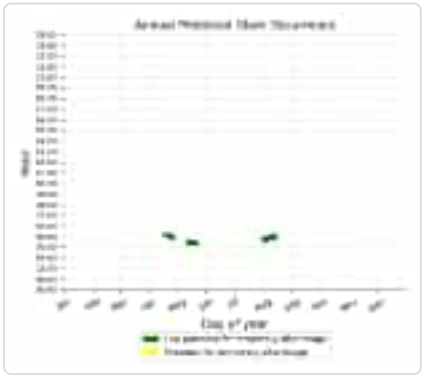
PV array 5: OP 21

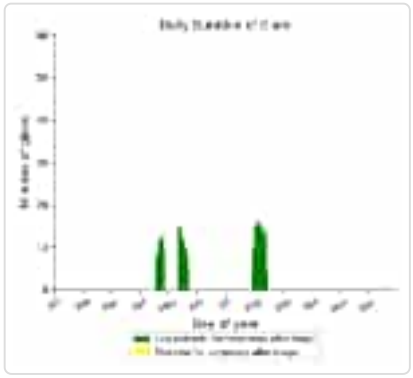
No glare found

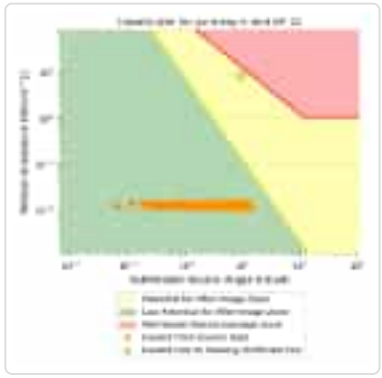
PV array 5: OP 22

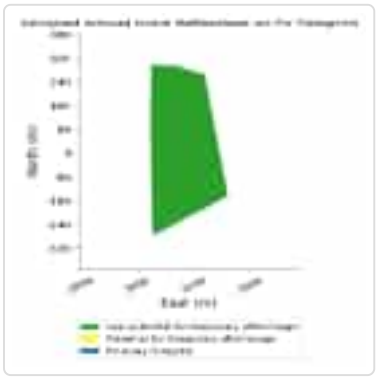
PV array is expected to produce the following glare for this receptor:

- 467 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





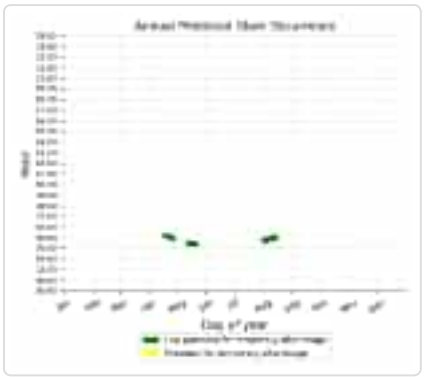


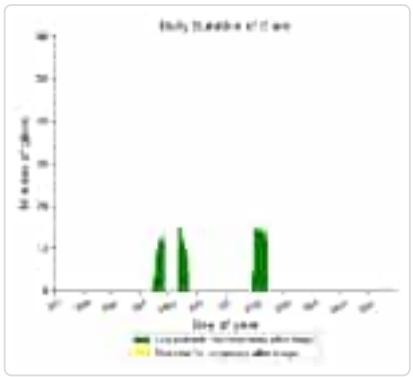


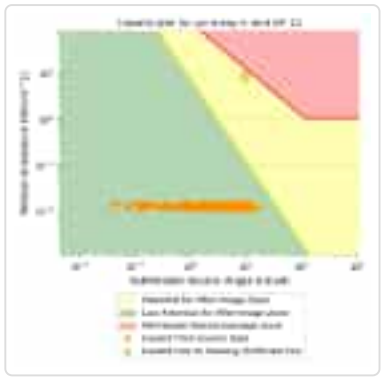
PV array 5: OP 23

PV array is expected to produce the following glare for this receptor:

- 475 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







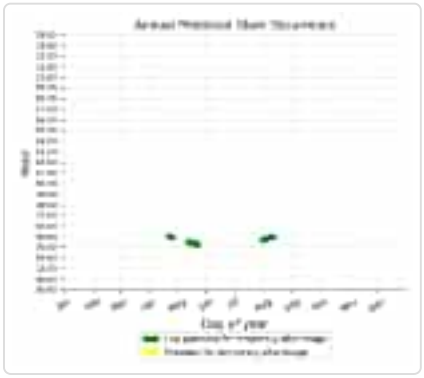
PV array 5: OP 24

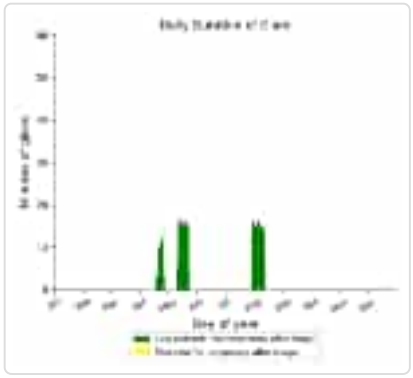
No glare found

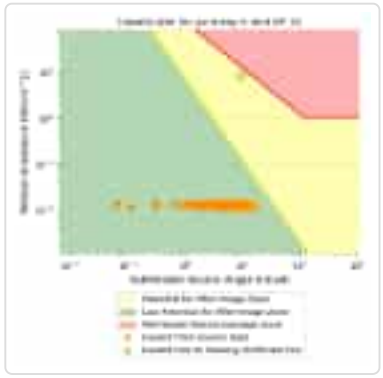
PV array 5: OP 25

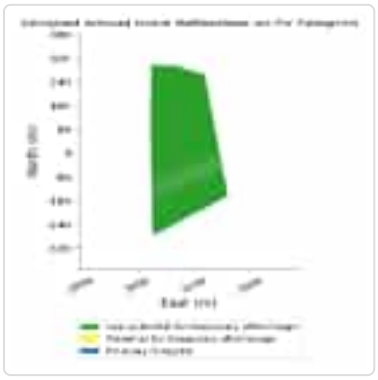
PV array is expected to produce the following glare for this receptor:

- 489 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





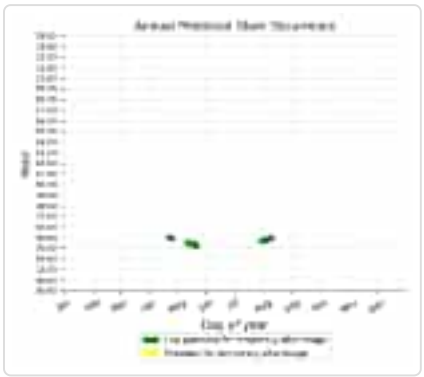


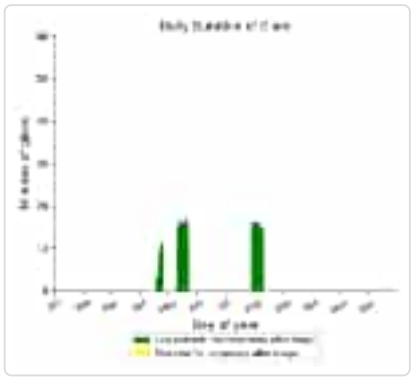


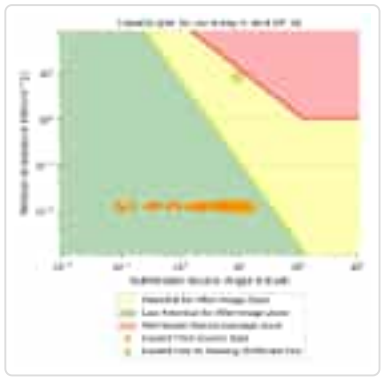
PV array 5: OP 26

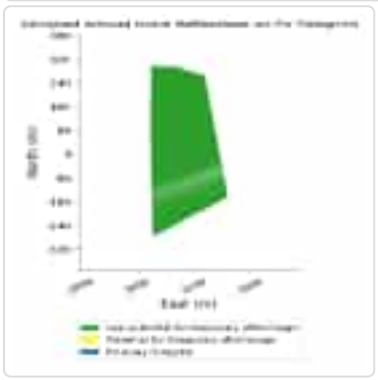
PV array is expected to produce the following glare for this receptor:

- 485 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





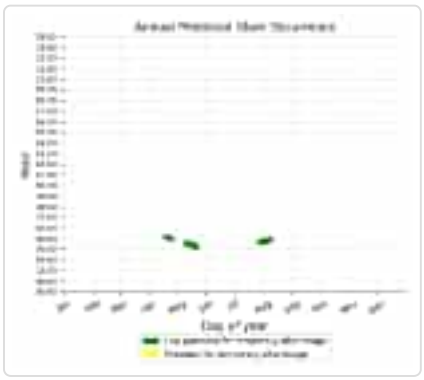


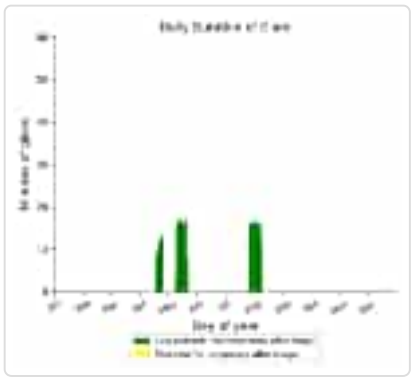


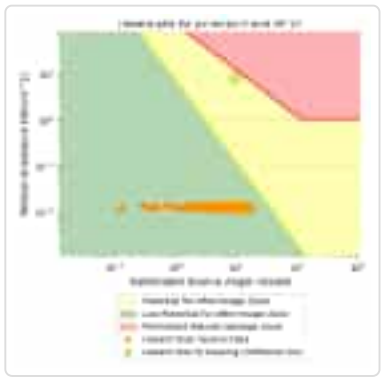
PV array 5: OP 27

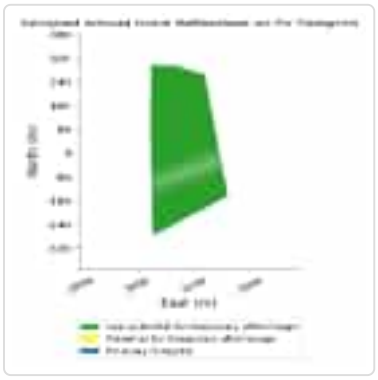
PV array is expected to produce the following glare for this receptor:

- 514 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





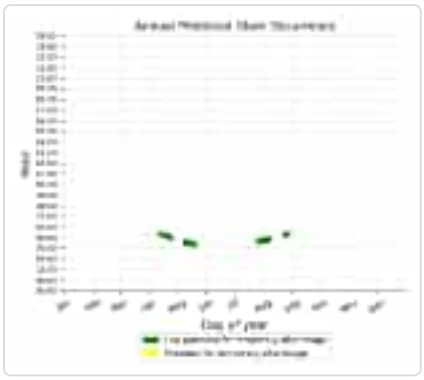


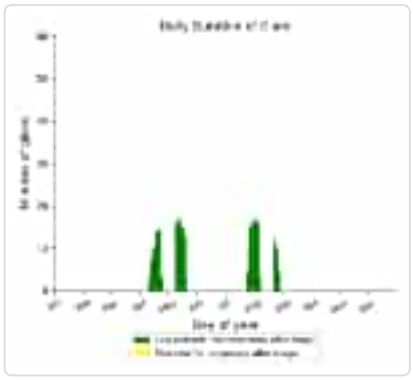


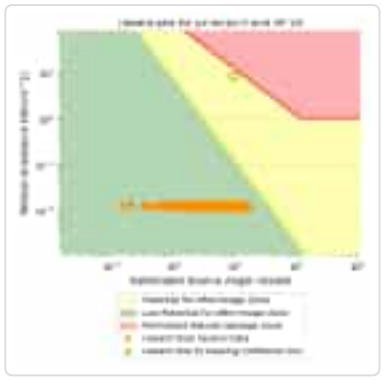
PV array 5: OP 28

PV array is expected to produce the following glare for this receptor:

- 621 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



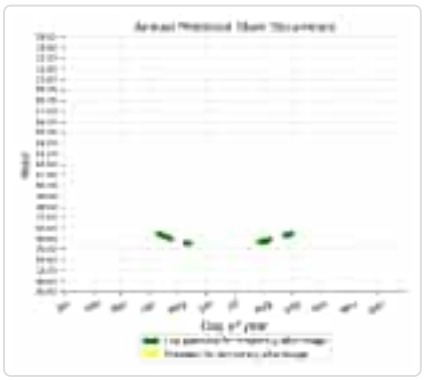


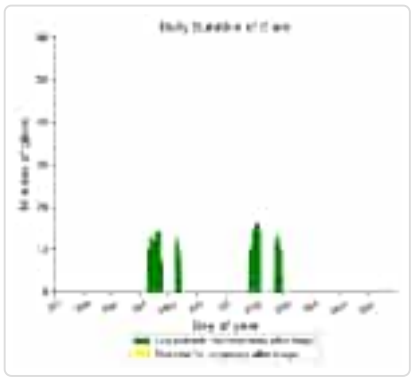


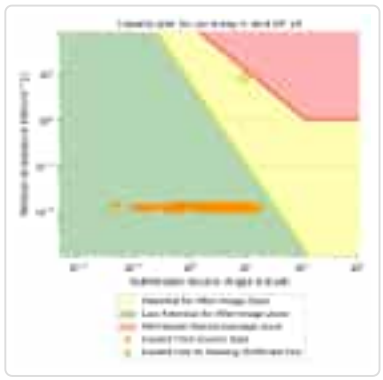
PV array 5: OP 29

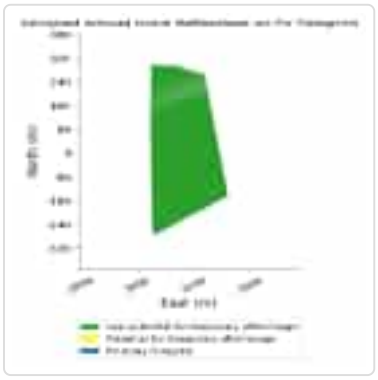
PV array is expected to produce the following glare for this receptor:

- 566 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





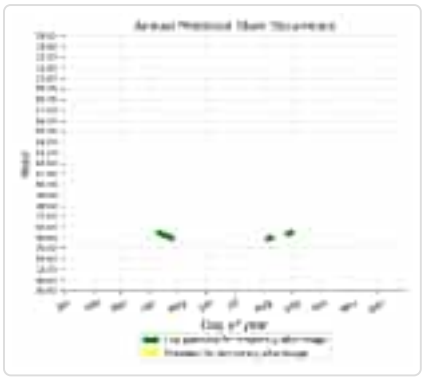


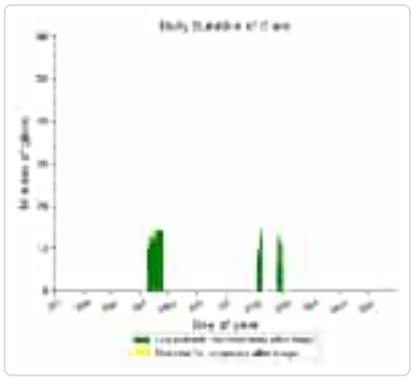


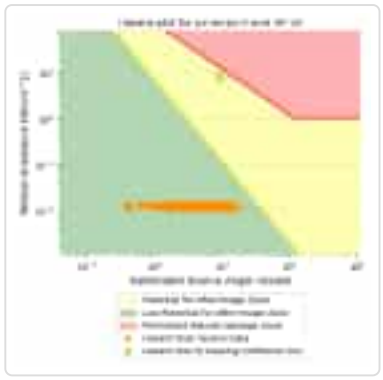
PV array 5: OP 30

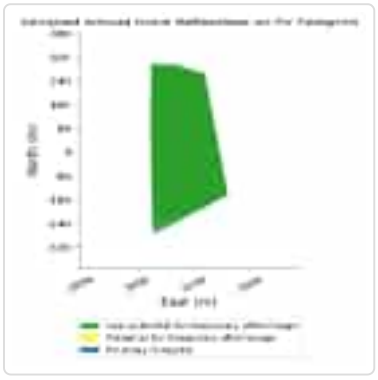
PV array is expected to produce the following glare for this receptor:

- 362 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





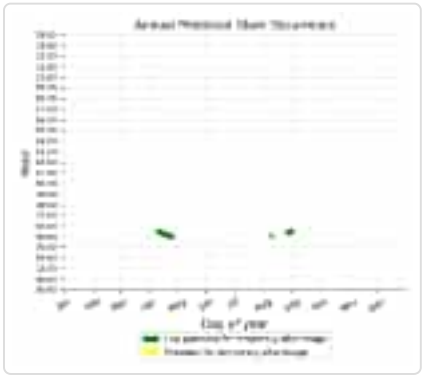


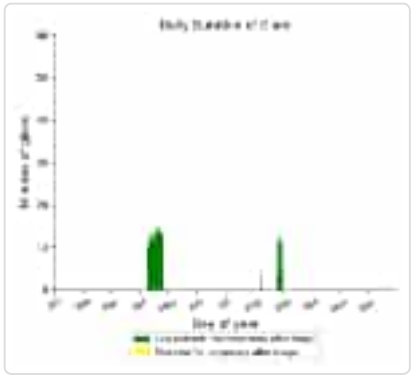


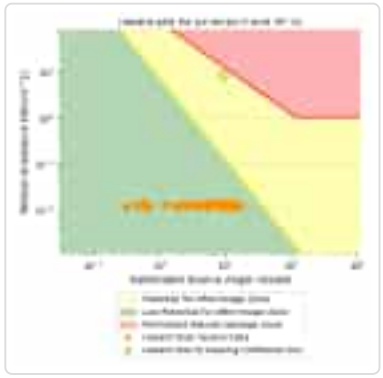
PV array 5: OP 31

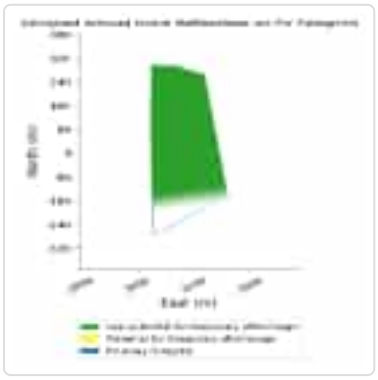
PV array is expected to produce the following glare for this receptor:

- 292 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





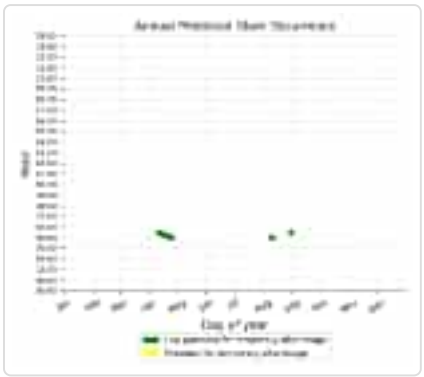


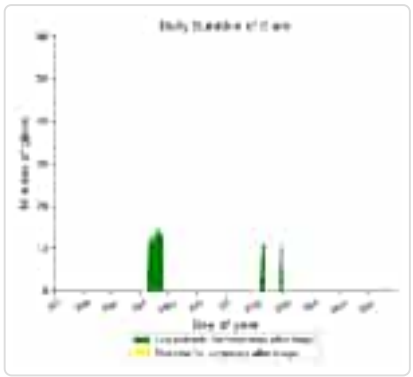


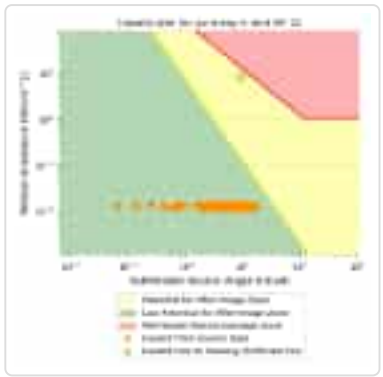
PV array 5: OP 32

PV array is expected to produce the following glare for this receptor:

- 282 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



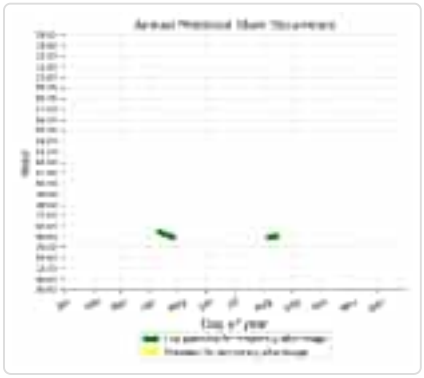


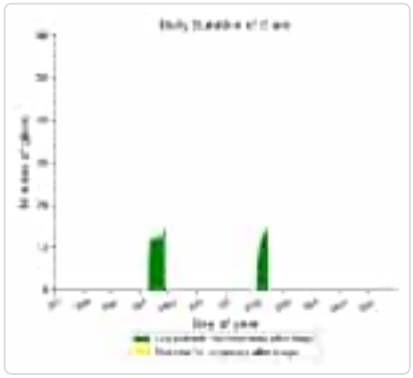


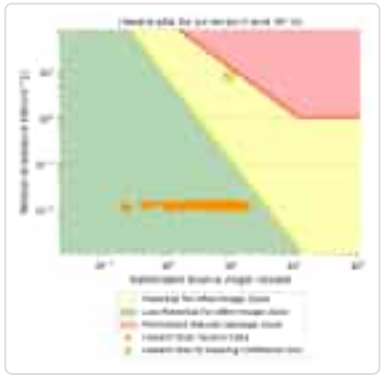
PV array 5: OP 33

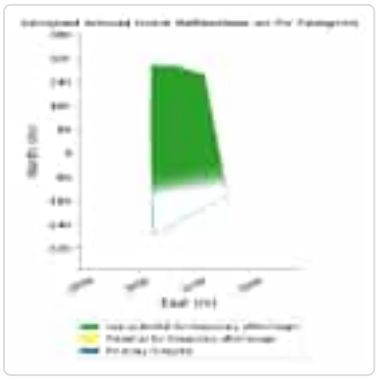
PV array is expected to produce the following glare for this receptor:

- 346 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





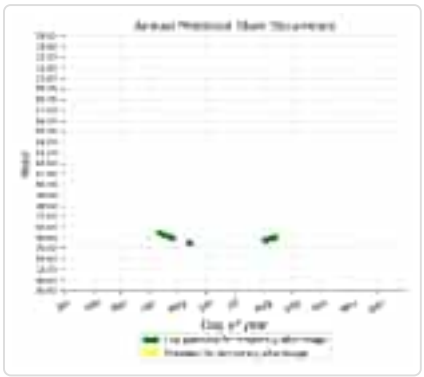


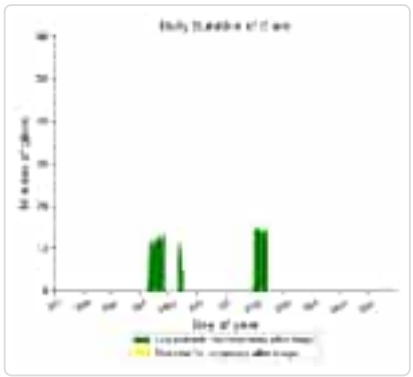


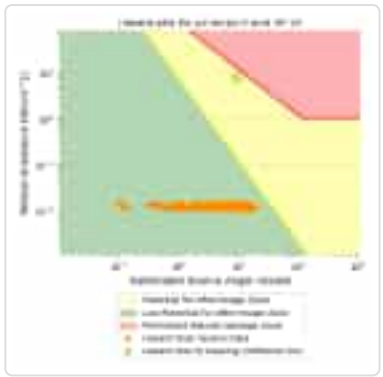
PV array 5: OP 34

PV array is expected to produce the following glare for this receptor:

- 476 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



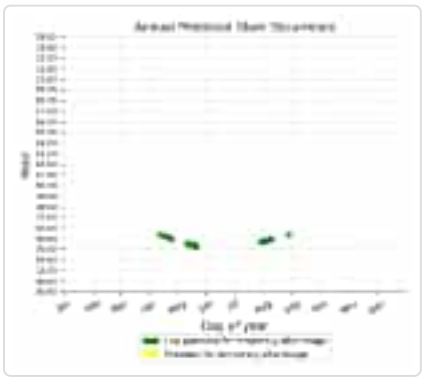


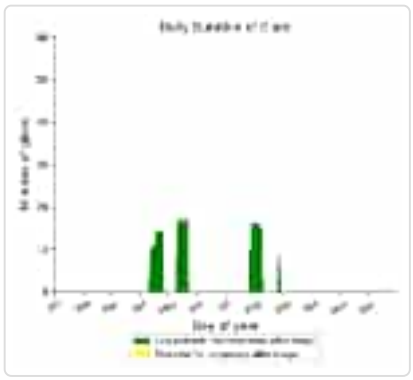


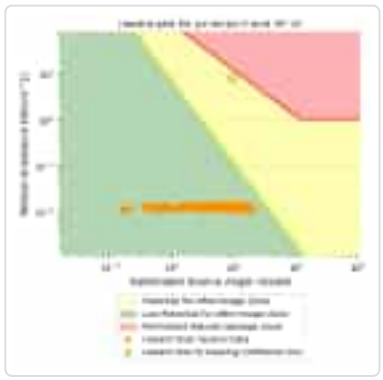
PV array 5: OP 35

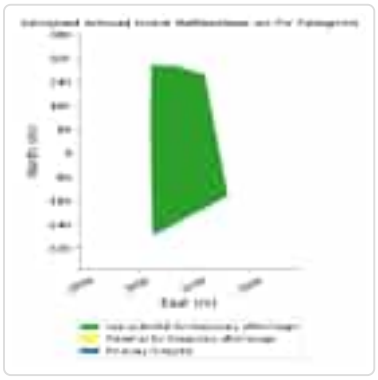
PV array is expected to produce the following glare for this receptor:

- 627 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





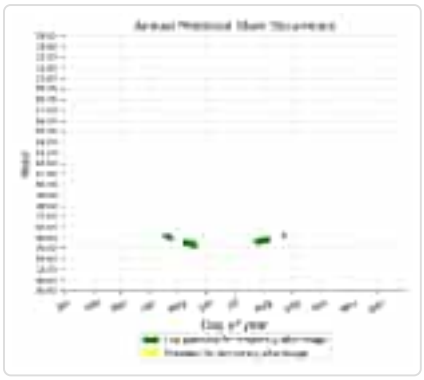


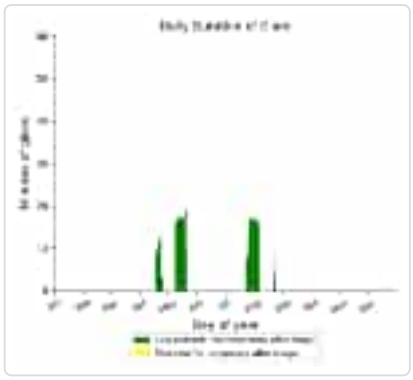


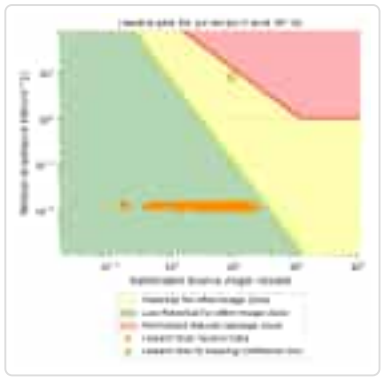
PV array 5: OP 36

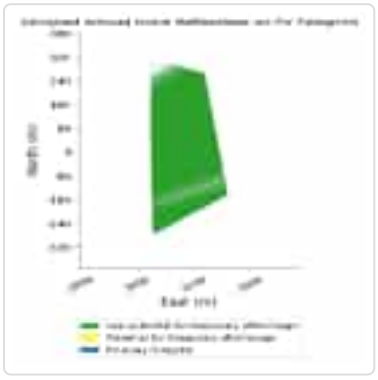
PV array is expected to produce the following glare for this receptor:

- 523 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





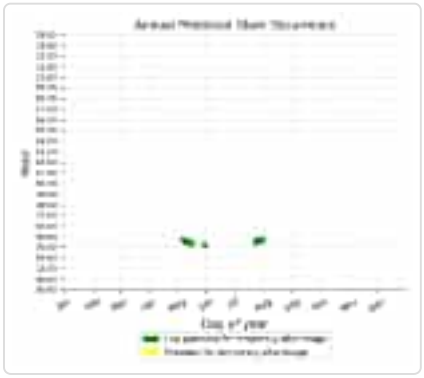


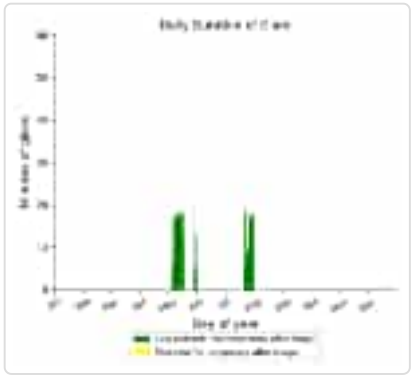


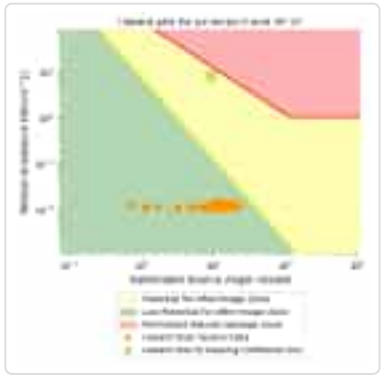
PV array 5: OP 37

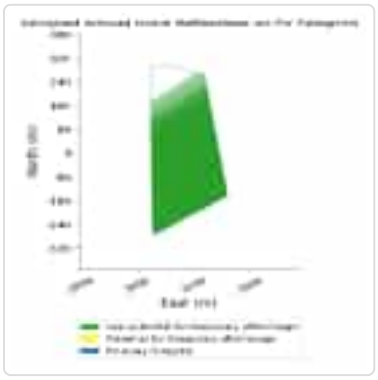
PV array is expected to produce the following glare for this receptor:

- 421 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





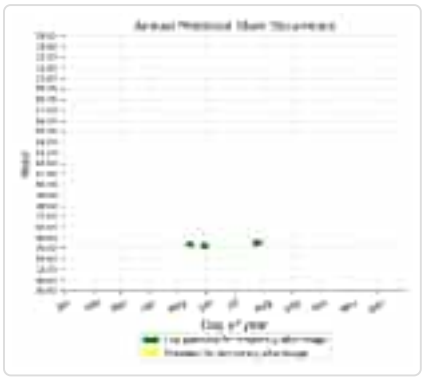


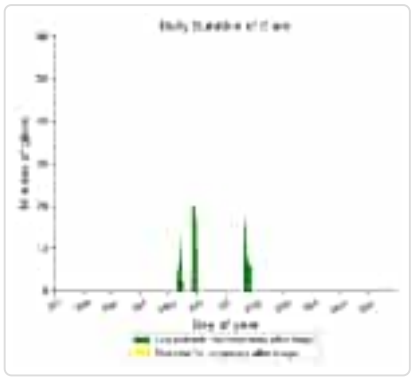


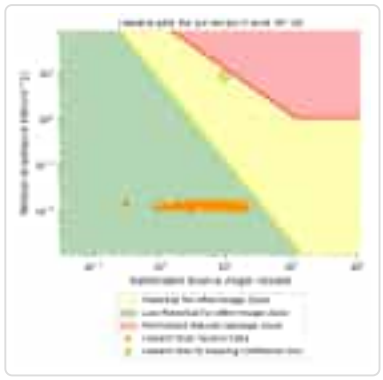
PV array 5: OP 38

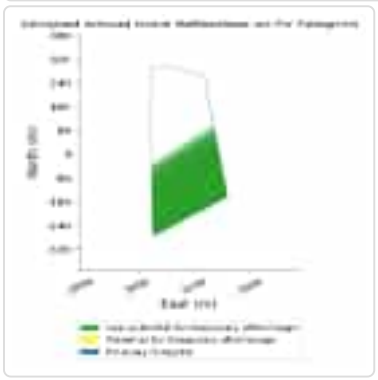
PV array is expected to produce the following glare for this receptor:

- 220 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5: OP 39

No glare found

PV array 5: OP 40

No glare found

PV array 5: OP 41

No glare found

PV array 5: OP 42

No glare found

PV array 5: OP 43

No glare found

PV array 5: OP 44

No glare found

PV array 5: OP 45

No glare found

PV array 5: OP 46

No glare found

PV array 5: OP 47

No glare found

PV array 5: OP 48

No glare found

PV array 5: OP 49

No glare found

PV array 5: OP 50

No glare found

PV array 5: OP 51

No glare found

PV array 5: OP 52

No glare found

PV array 5: OP 53

No glare found

PV array 5: OP 54

No glare found

PV array 5: OP 55

No glare found

PV array 5: OP 56

No glare found

PV array 5: OP 57

No glare found

PV array 5: OP 58

No glare found

PV array 5: OP 59

No glare found

PV array 5: OP 60

No glare found

PV array 5: OP 61

No glare found

PV array 5: OP 62

No glare found

PV array 5: OP 63

No glare found

PV array 5: OP 64

No glare found

PV array 5: OP 65

No glare found

PV array 5: OP 66

No glare found

PV array 5: OP 67

No glare found

PV array 5: OP 68

No glare found

PV array 5: OP 69

No glare found

PV array 5: OP 70

No glare found

PV array 5: OP 71

No glare found

PV array 5: OP 72

No glare found

PV array 5: OP 73

No glare found

PV array 5: OP 74

No glare found

PV array 5: OP 75

No glare found

PV array 5: OP 76

No glare found

PV array 5: OP 77

No glare found

PV array 5: OP 78

No glare found

PV array 5: OP 79

No glare found

PV array 6 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	275	0
OP: OP 9	508	0
OP: OP 10	388	0
OP: OP 11	0	0
OP: OP 12	659	0
OP: OP 13	3100	0
OP: OP 14	641	0
OP: OP 15	506	0
OP: OP 16	0	0
OP: OP 17	5005	728
OP: OP 18	4292	615
OP: OP 19	26	0
OP: OP 20	4614	597
OP: OP 21	3902	1469
OP: OP 22	0	0
OP: OP 23	0	0

OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	264	0
OP: OP 29	322	0
OP: OP 30	295	0
OP: OP 31	195	0
OP: OP 32	223	0
OP: OP 33	32	0
OP: OP 34	22	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	228	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	0	0
OP: OP 49	0	0
OP: OP 50	0	0
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OP: OP 54	0	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	0	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	0	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0

OP: OP 78	0	0
OP: OP 79	0	0

PV array 6: OP 1

No glare found

PV array 6: OP 2

No glare found

PV array 6: OP 3

No glare found

PV array 6: OP 4

No glare found

PV array 6: OP 5

No glare found

PV array 6: OP 6

No glare found

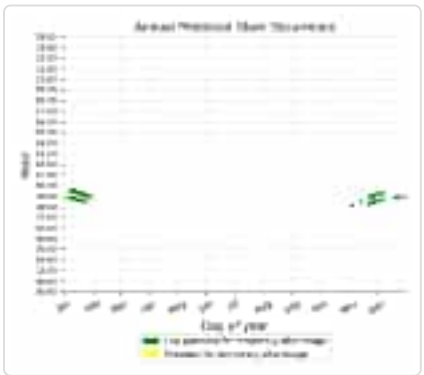
PV array 6: OP 7

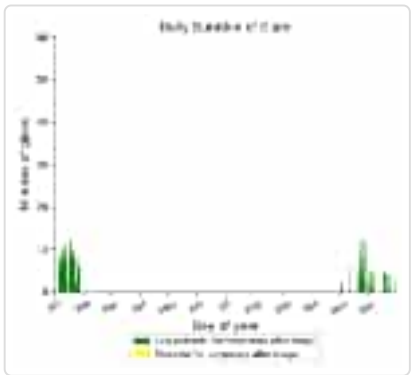
No glare found

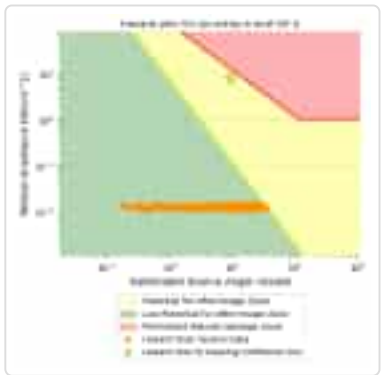
PV array 6: OP 8

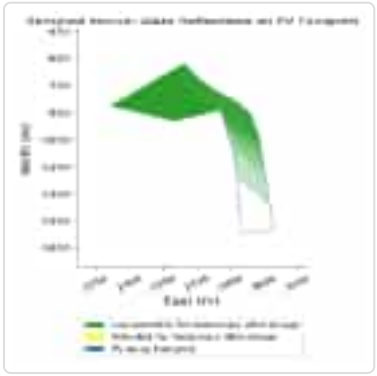
PV array is expected to produce the following glare for this receptor:

- 275 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





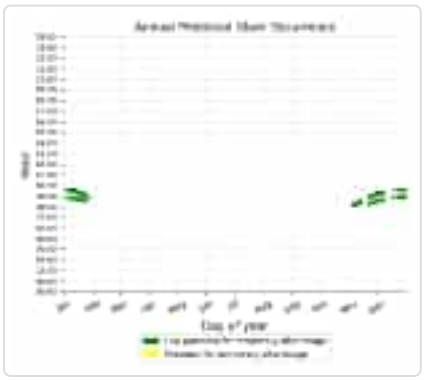


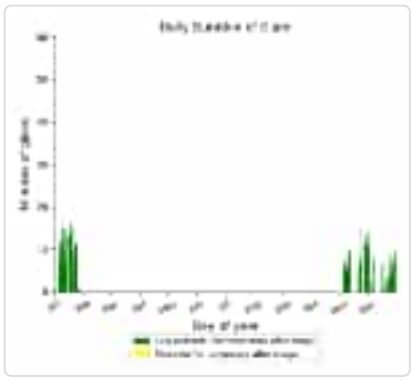


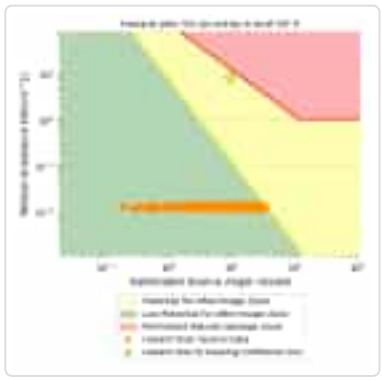
PV array 6: OP 9

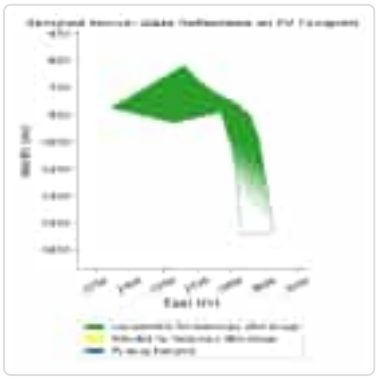
PV array is expected to produce the following glare for this receptor:

- 508 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





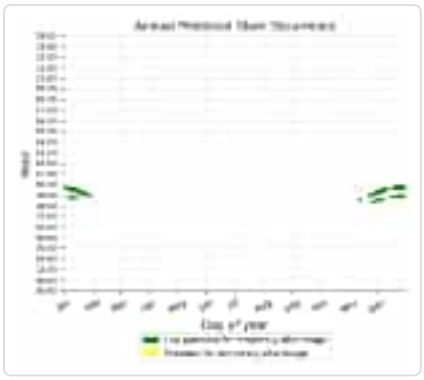


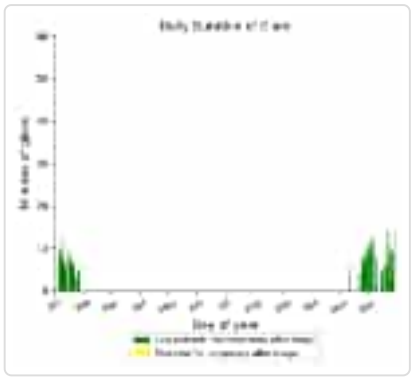


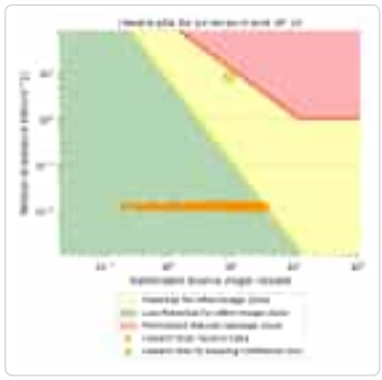
PV array 6: OP 10

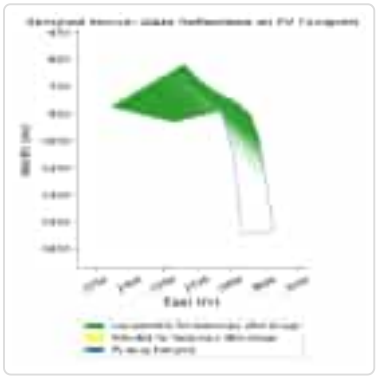
PV array is expected to produce the following glare for this receptor:

- 388 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









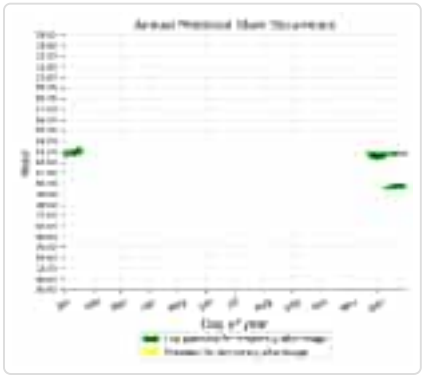
PV array 6: OP 11

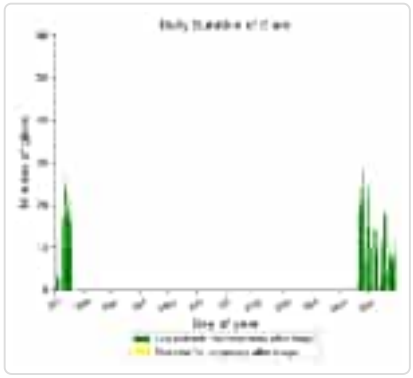
No glare found

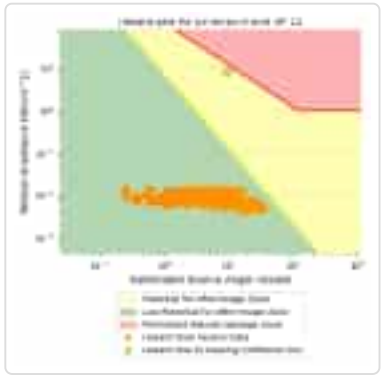
PV array 6: OP 12

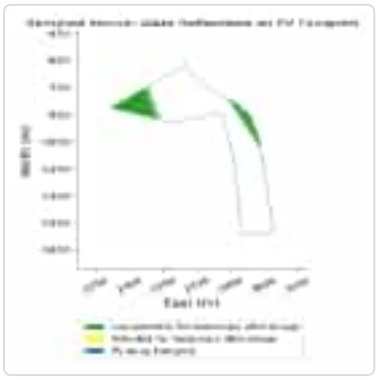
PV array is expected to produce the following glare for this receptor:

- 659 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





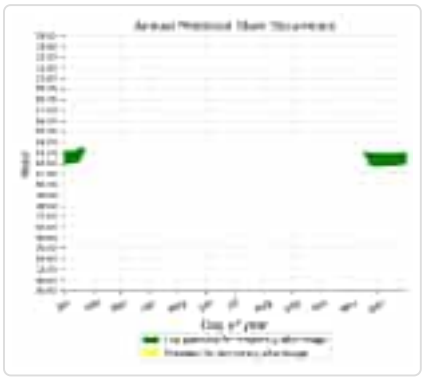


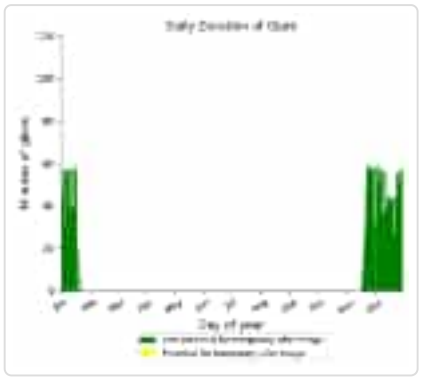


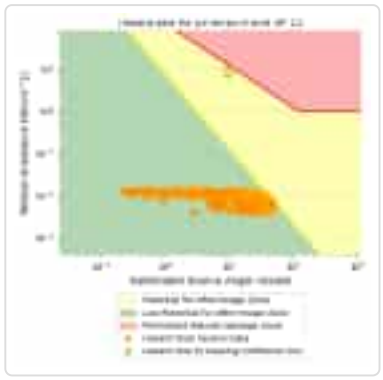
PV array 6: OP 13

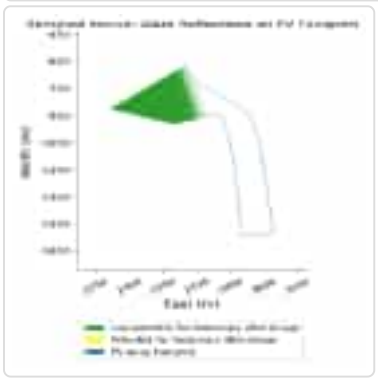
PV array is expected to produce the following glare for this receptor:

- 3,100 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





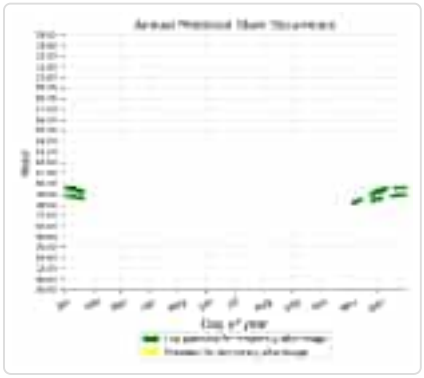


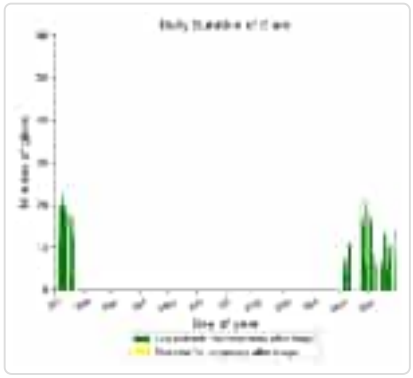


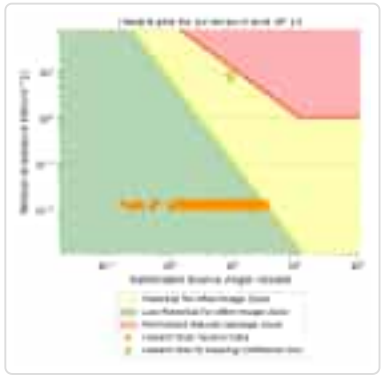
PV array 6: OP 14

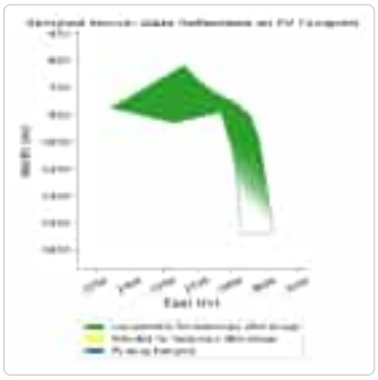
PV array is expected to produce the following glare for this receptor:

- 641 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





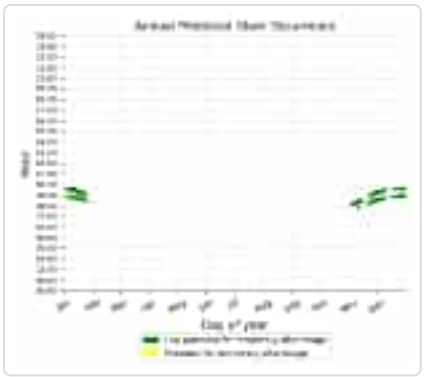


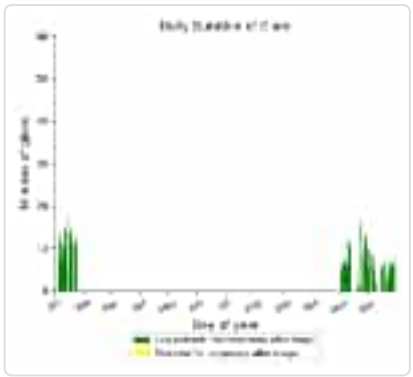


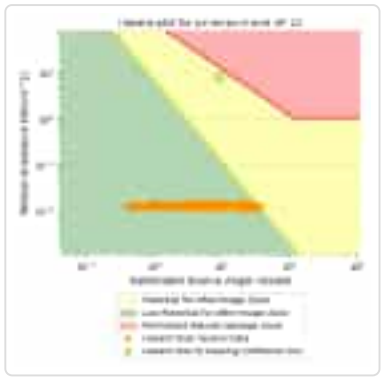
PV array 6: OP 15

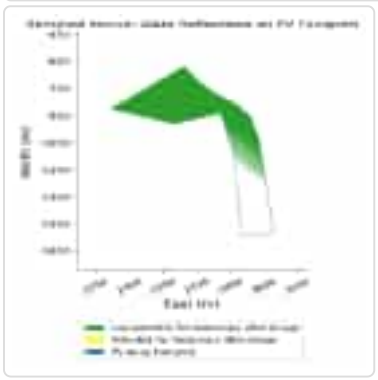
PV array is expected to produce the following glare for this receptor:

- 506 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









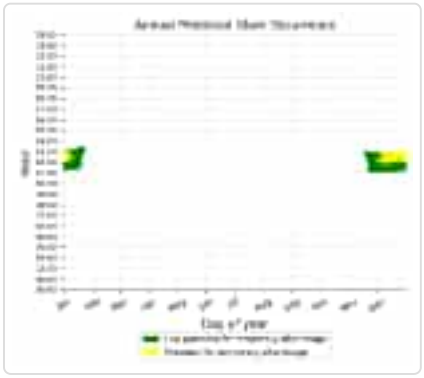
PV array 6: OP 16

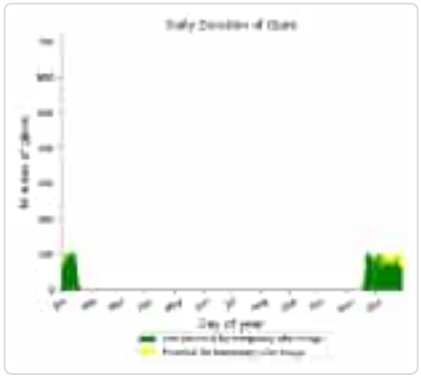
No glare found

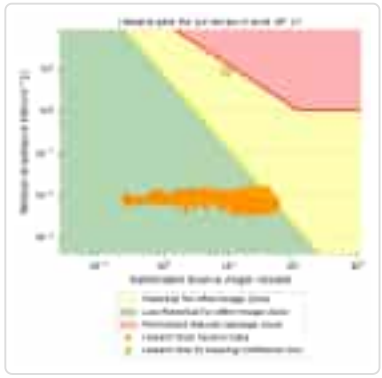
PV array 6: OP 17

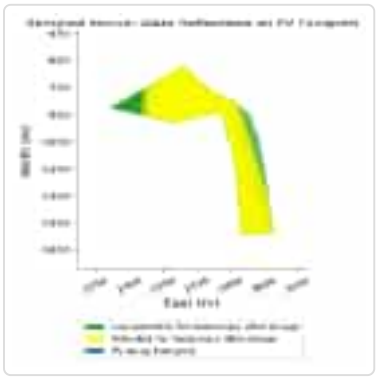
PV array is expected to produce the following glare for this receptor:

- 5,005 minutes of "green" glare with low potential to cause temporary after-image.
- 728 minutes of "yellow" glare with potential to cause temporary after-image.





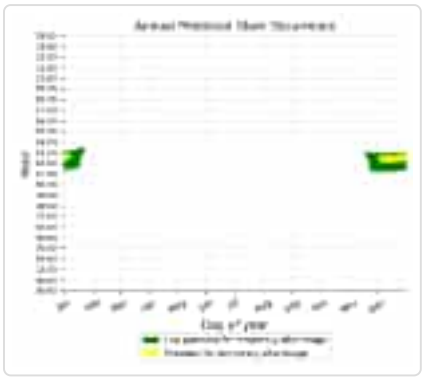


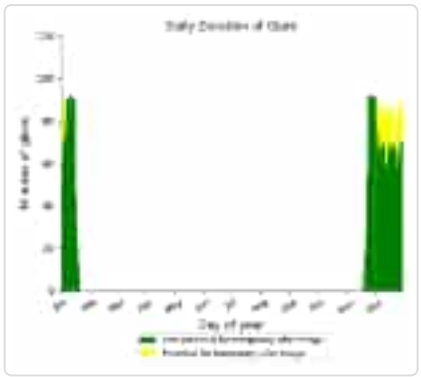


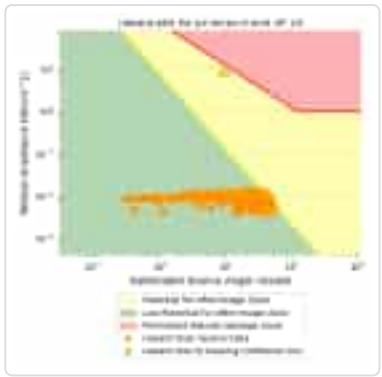
PV array 6: OP 18

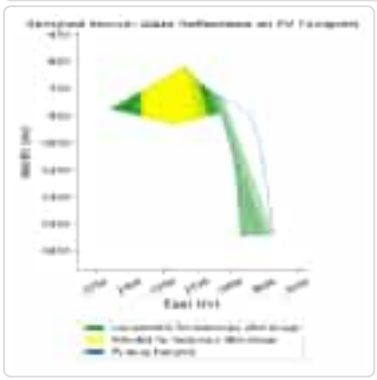
PV array is expected to produce the following glare for this receptor:

- 4,292 minutes of "green" glare with low potential to cause temporary after-image.
- 615 minutes of "yellow" glare with potential to cause temporary after-image.





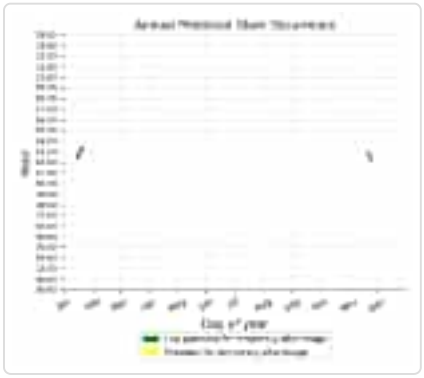


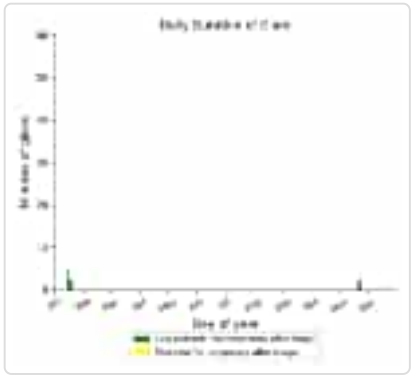


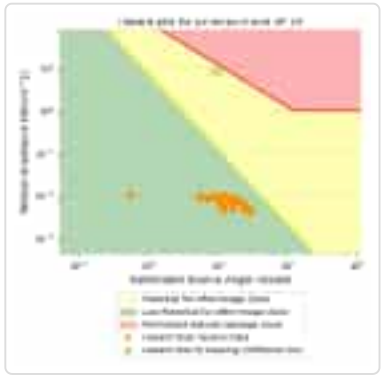
PV array 6: OP 19

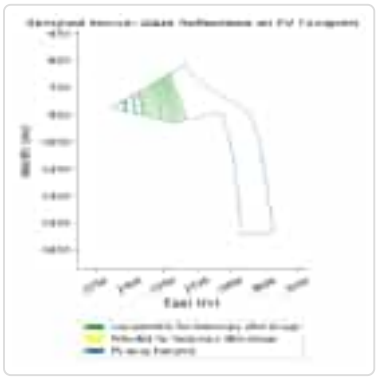
PV array is expected to produce the following glare for this receptor:

- 26 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





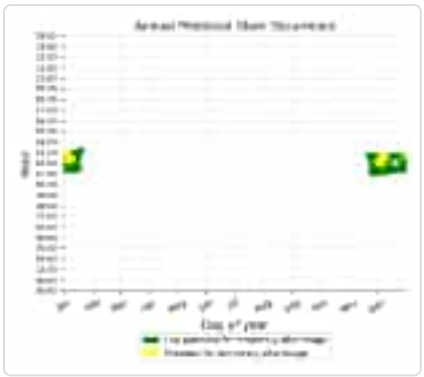


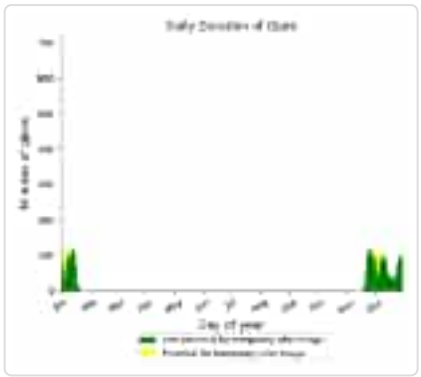


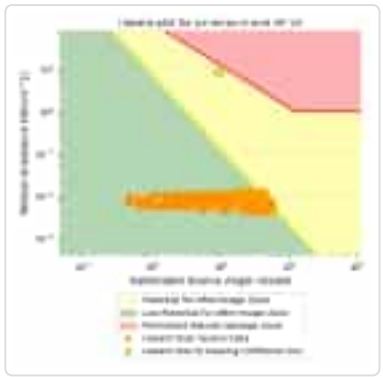
PV array 6: OP 20

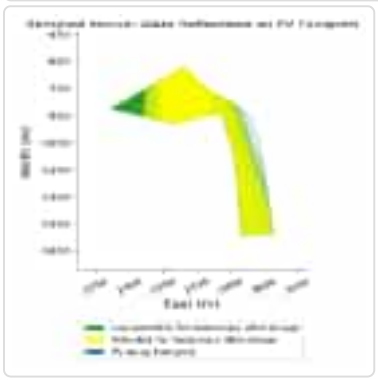
PV array is expected to produce the following glare for this receptor:

- 4,614 minutes of "green" glare with low potential to cause temporary after-image.
- 597 minutes of "yellow" glare with potential to cause temporary after-image.





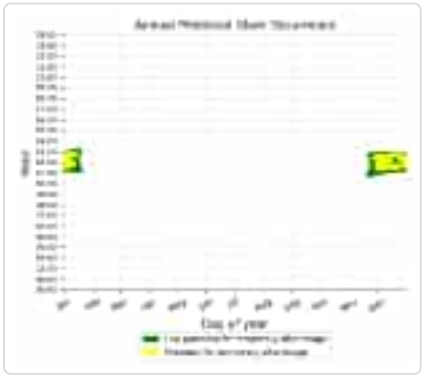


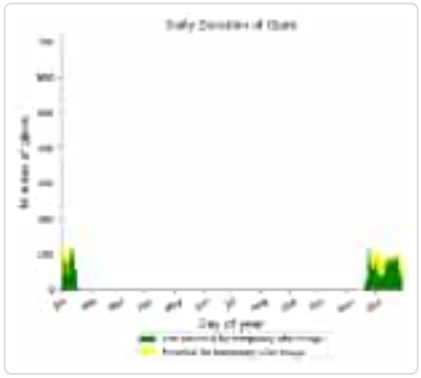


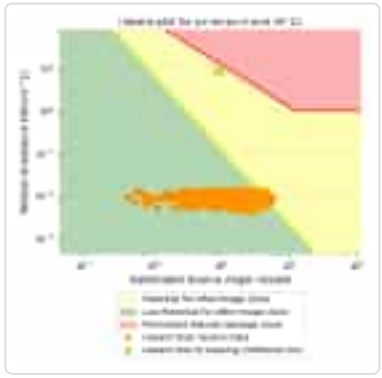
PV array 6: OP 21

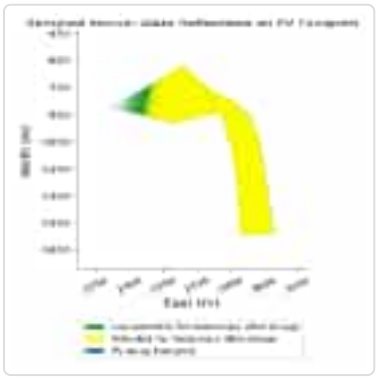
PV array is expected to produce the following glare for this receptor:

- 3,902 minutes of "green" glare with low potential to cause temporary after-image.
- 1,469 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 22

No glare found

PV array 6: OP 23

No glare found

PV array 6: OP 24

No glare found

PV array 6: OP 25

No glare found

PV array 6: OP 26

No glare found

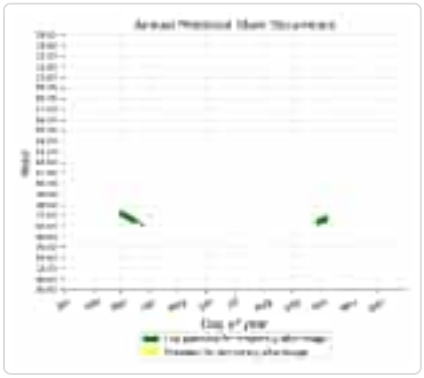
PV array 6: OP 27

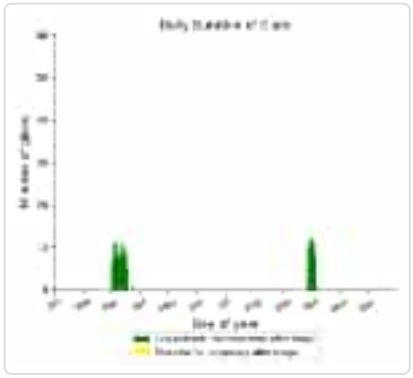
No glare found

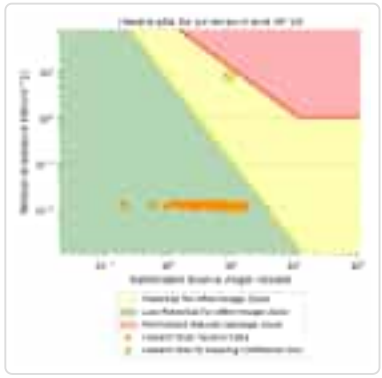
PV array 6: OP 28

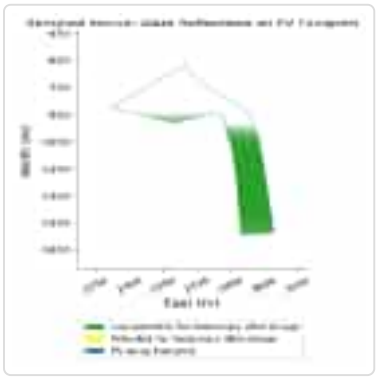
PV array is expected to produce the following glare for this receptor:

- 264 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





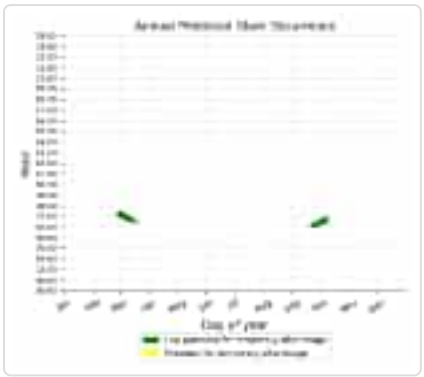


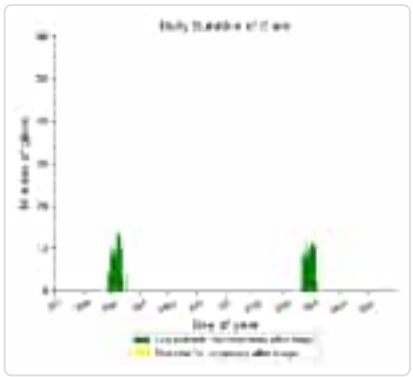


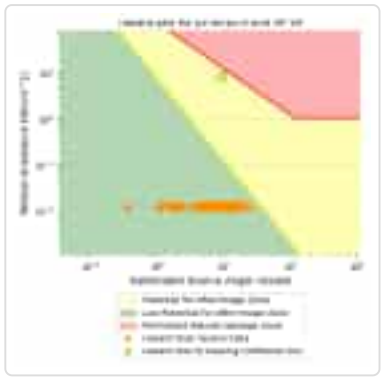
PV array 6: OP 29

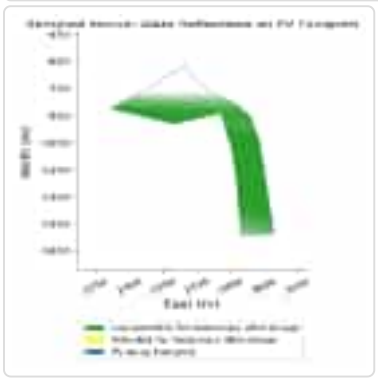
PV array is expected to produce the following glare for this receptor:

- 322 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





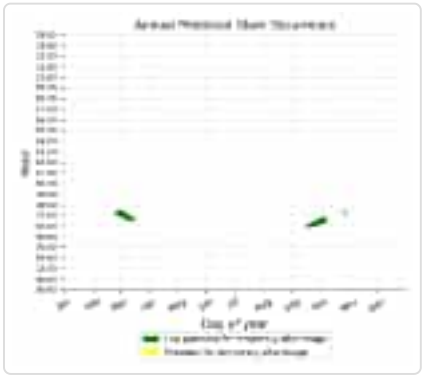


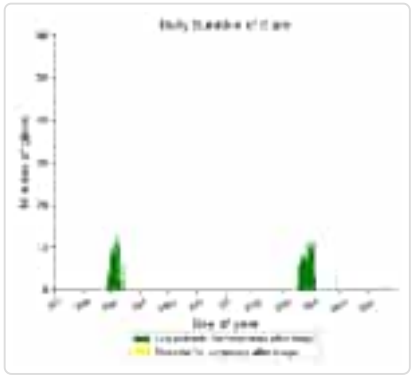


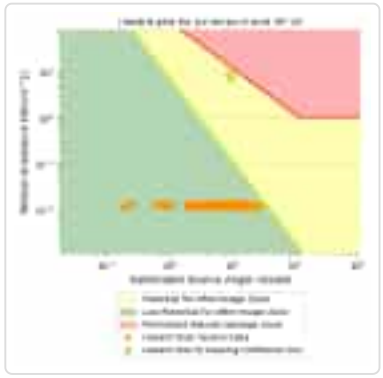
PV array 6: OP 30

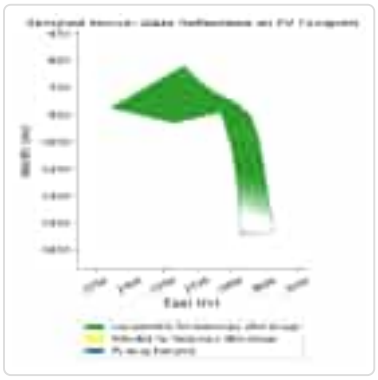
PV array is expected to produce the following glare for this receptor:

- 295 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





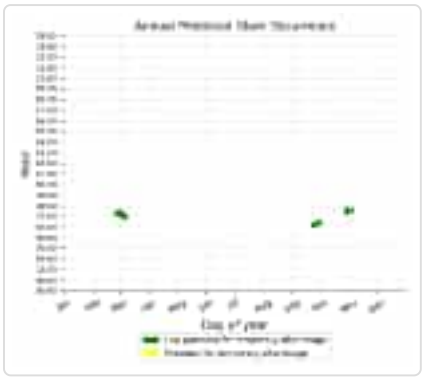


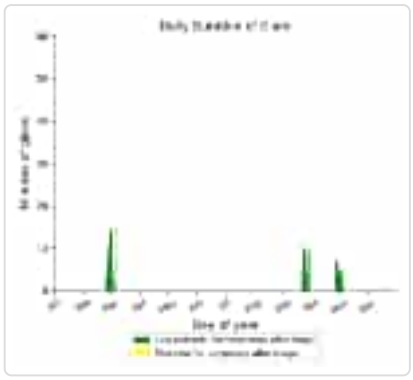


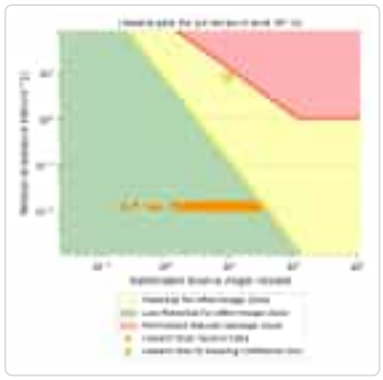
PV array 6: OP 31

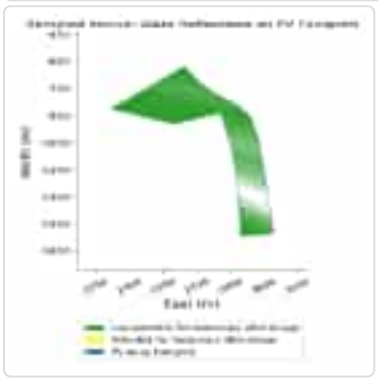
PV array is expected to produce the following glare for this receptor:

- 195 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





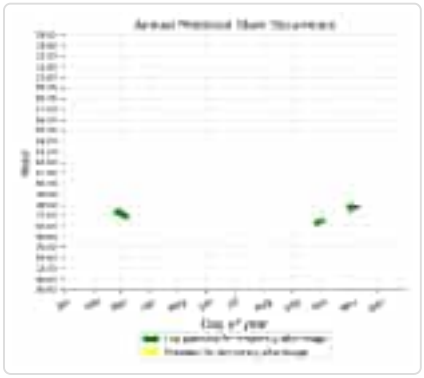


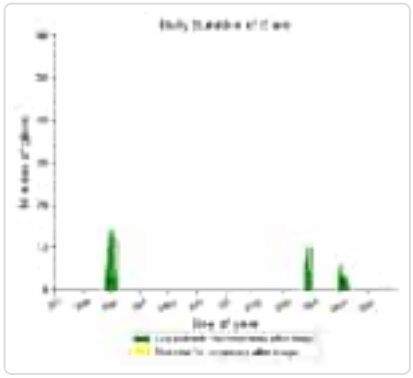


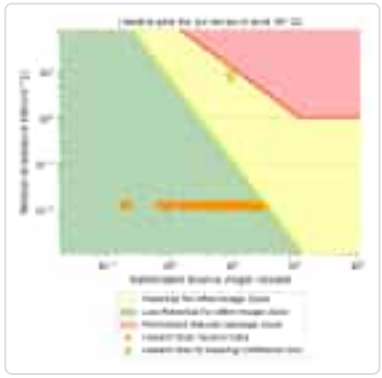
PV array 6: OP 32

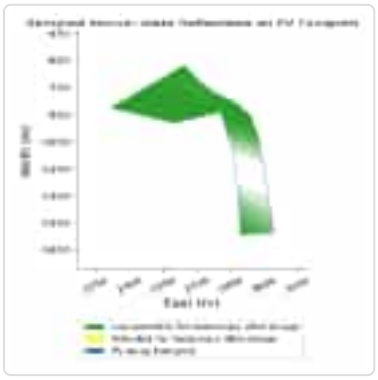
PV array is expected to produce the following glare for this receptor:

- 223 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





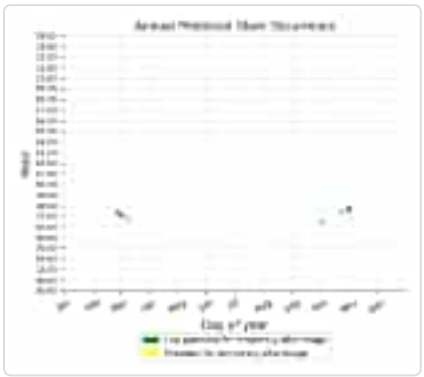


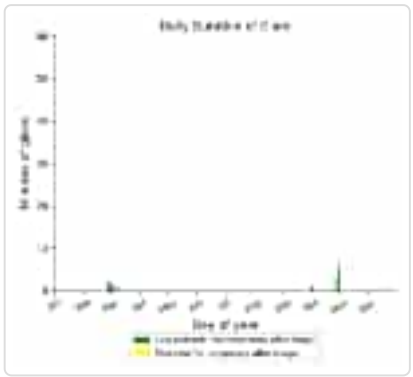


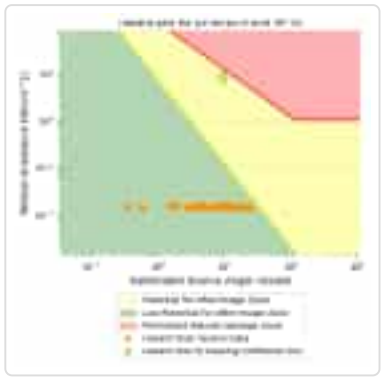
PV array 6: OP 33

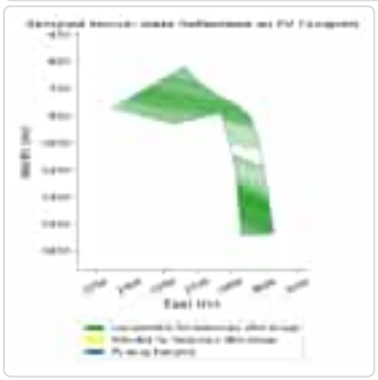
PV array is expected to produce the following glare for this receptor:

- 32 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





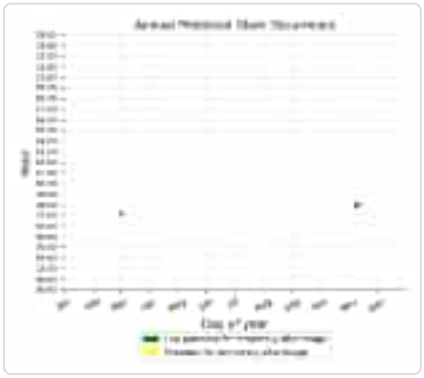


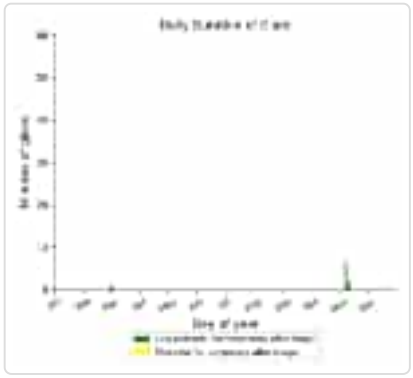


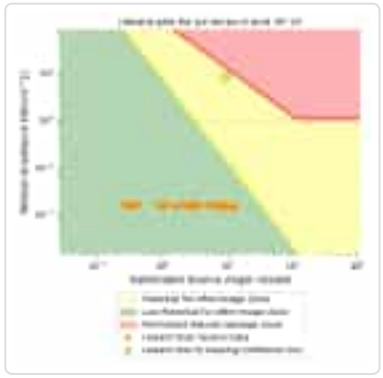
PV array 6: OP 34

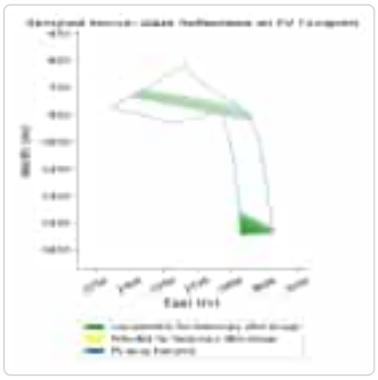
PV array is expected to produce the following glare for this receptor:

- 22 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 35

No glare found

PV array 6: OP 36

No glare found

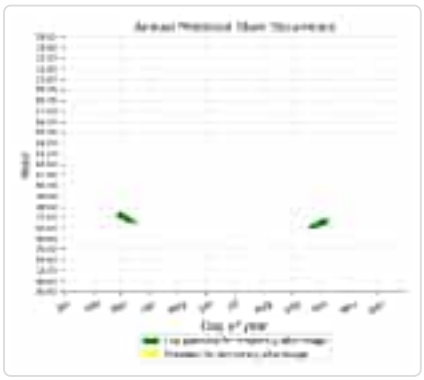
PV array 6: OP 37

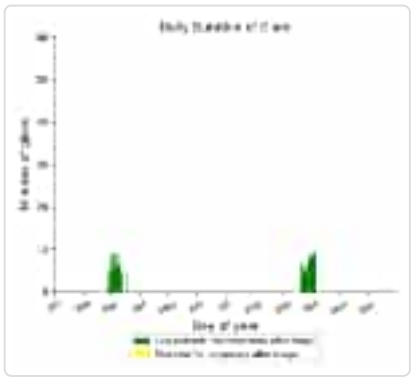
No glare found

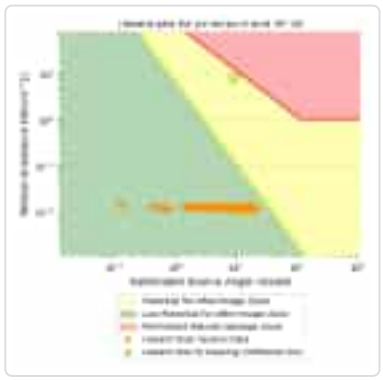
PV array 6: OP 38

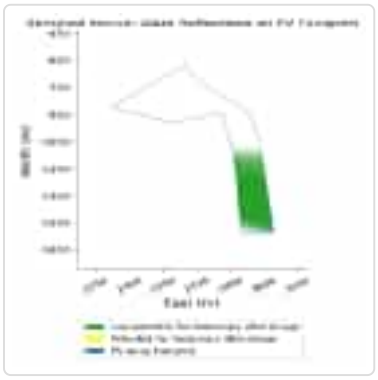
PV array is expected to produce the following glare for this receptor:

- 228 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 6: OP 39

No glare found

PV array 6: OP 40

No glare found

PV array 6: OP 41

No glare found

PV array 6: OP 42

No glare found

PV array 6: OP 43

No glare found

PV array 6: OP 44

No glare found

PV array 6: OP 45

No glare found

PV array 6: OP 46

No glare found

PV array 6: OP 47

No glare found

PV array 6: OP 48

No glare found

PV array 6: OP 49

No glare found

PV array 6: OP 50

No glare found

PV array 6: OP 51

No glare found

PV array 6: OP 52

No glare found

PV array 6: OP 53

No glare found

PV array 6: OP 54

No glare found

PV array 6: OP 55

No glare found

PV array 6: OP 56

No glare found

PV array 6: OP 57

No glare found

PV array 6: OP 58

No glare found

PV array 6: OP 59

No glare found

PV array 6: OP 60

No glare found

PV array 6: OP 61

No glare found

PV array 6: OP 62

No glare found

PV array 6: OP 63

No glare found

PV array 6: OP 64

No glare found

PV array 6: OP 65

No glare found

PV array 6: OP 66

No glare found

PV array 6: OP 67

No glare found

PV array 6: OP 68

No glare found

PV array 6: OP 69

No glare found

PV array 6: OP 70

No glare found

PV array 6: OP 71

No glare found

PV array 6: OP 72

No glare found

PV array 6: OP 73

No glare found

PV array 6: OP 74

No glare found

PV array 6: OP 75

No glare found

PV array 6: OP 76

No glare found

PV array 6: OP 77

No glare found

PV array 6: OP 78

No glare found

PV array 6: OP 79

No glare found

PV array 7 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	1325	182
OP: OP 40	415	0
OP: OP 41	176	0
OP: OP 42	97	0
OP: OP 43	0	0
OP: OP 44	668	0
OP: OP 45	509	16
OP: OP 46	544	0
OP: OP 47	503	0
OP: OP 48	632	0
OP: OP 49	623	0
OP: OP 50	508	0

OP: OP 51	572	0
OP: OP 52	552	0
OP: OP 53	581	0
OP: OP 54	590	0
OP: OP 55	586	0
OP: OP 56	571	0
OP: OP 57	570	0
OP: OP 58	560	0
OP: OP 59	546	0
OP: OP 60	565	0
OP: OP 61	548	0
OP: OP 62	576	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	151	0
OP: OP 77	48	0
OP: OP 78	0	0
OP: OP 79	0	0

PV array 7: OP 1

No glare found

PV array 7: OP 2

No glare found

PV array 7: OP 3

No glare found

PV array 7: OP 4

No glare found

PV array 7: OP 5

No glare found

PV array 7: OP 6

No glare found

PV array 7: OP 7

No glare found

PV array 7: OP 8

No glare found

PV array 7: OP 9

No glare found

PV array 7: OP 10

No glare found

PV array 7: OP 11

No glare found

PV array 7: OP 12

No glare found

PV array 7: OP 13

No glare found

PV array 7: OP 14

No glare found

PV array 7: OP 15

No glare found

PV array 7: OP 16

No glare found

PV array 7: OP 17

No glare found

PV array 7: OP 18

No glare found

PV array 7: OP 19

No glare found

PV array 7: OP 20

No glare found

PV array 7: OP 21

No glare found

PV array 7: OP 22

No glare found

PV array 7: OP 23

No glare found

PV array 7: OP 24

No glare found

PV array 7: OP 25

No glare found

PV array 7: OP 26

No glare found

PV array 7: OP 27

No glare found

PV array 7: OP 28

No glare found

PV array 7: OP 29

No glare found

PV array 7: OP 30

No glare found

PV array 7: OP 31

No glare found

PV array 7: OP 32

No glare found

PV array 7: OP 33

No glare found

PV array 7: OP 34

No glare found

PV array 7: OP 35

No glare found

PV array 7: OP 36

No glare found

PV array 7: OP 37

No glare found

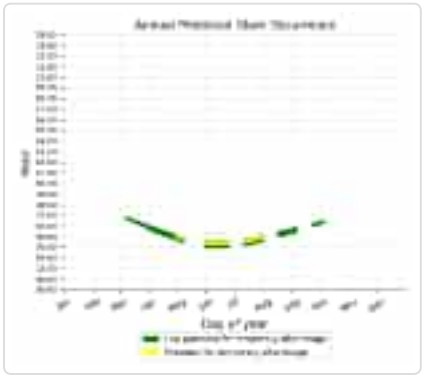
PV array 7: OP 38

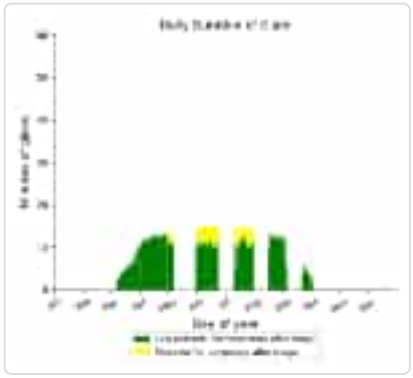
No glare found

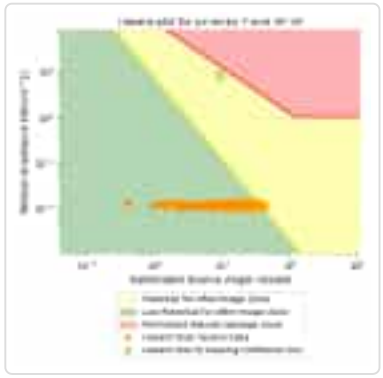
PV array 7: OP 39

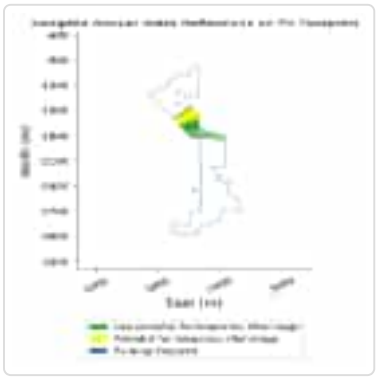
PV array is expected to produce the following glare for this receptor:

- 1,325 minutes of "green" glare with low potential to cause temporary after-image.
- 182 minutes of "yellow" glare with potential to cause temporary after-image.





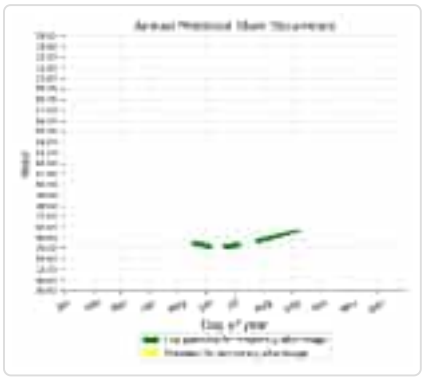


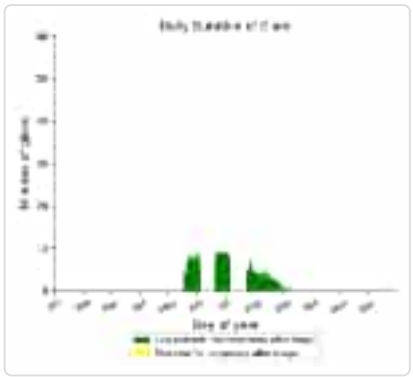


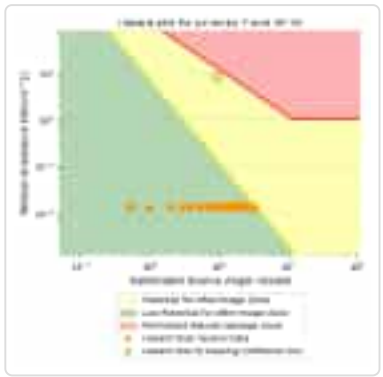
PV array 7: OP 40

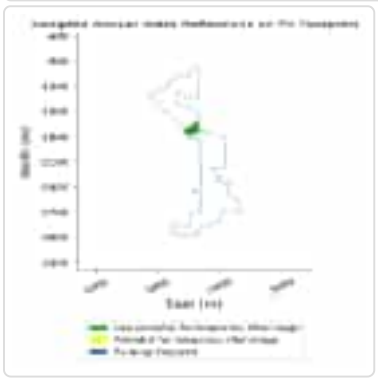
PV array is expected to produce the following glare for this receptor:

- 415 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





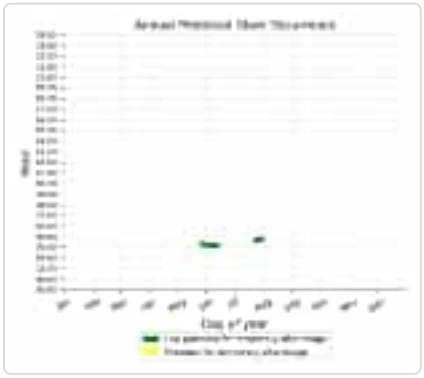


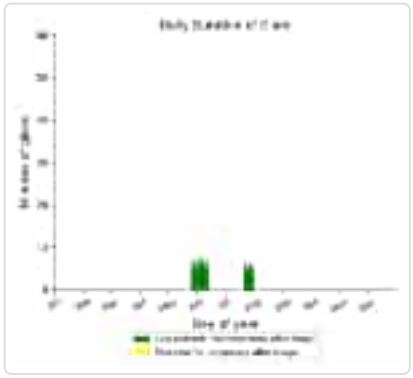


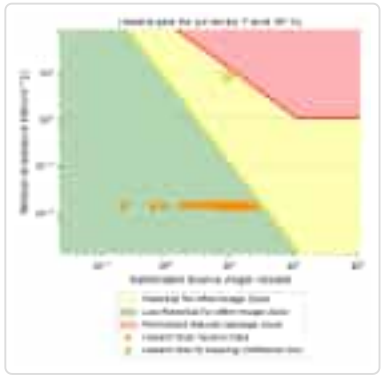
PV array 7: OP 41

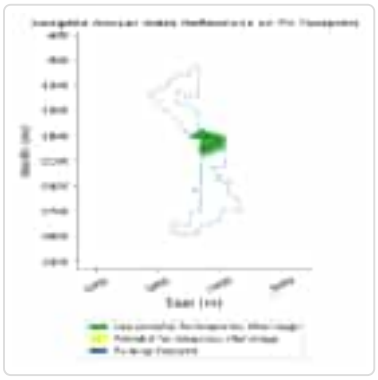
PV array is expected to produce the following glare for this receptor:

- 176 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





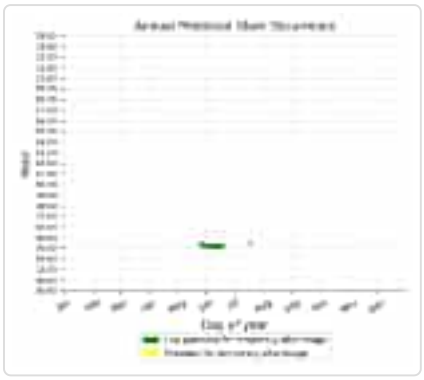


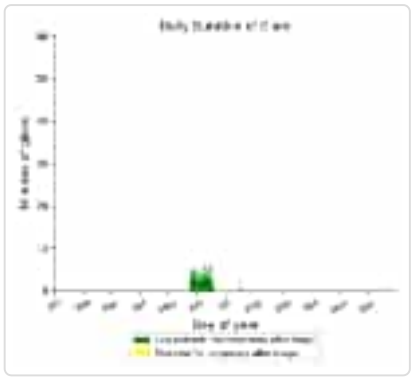


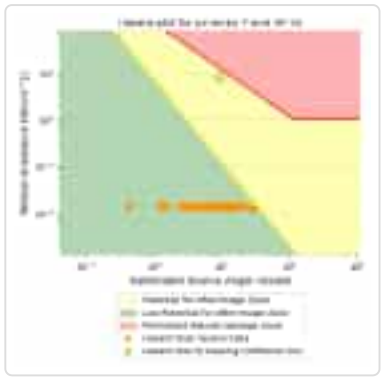
PV array 7: OP 42

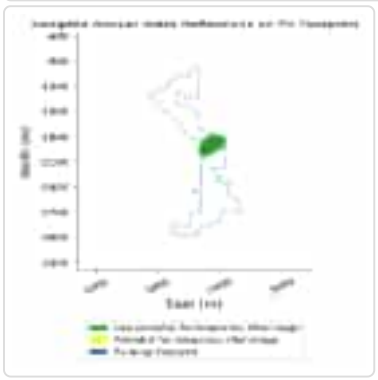
PV array is expected to produce the following glare for this receptor:

- 97 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









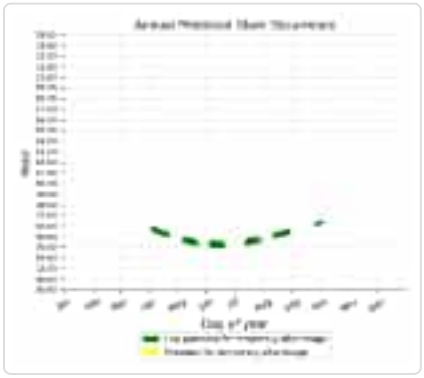
PV array 7: OP 43

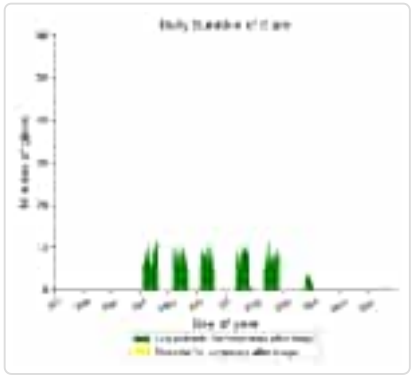
No glare found

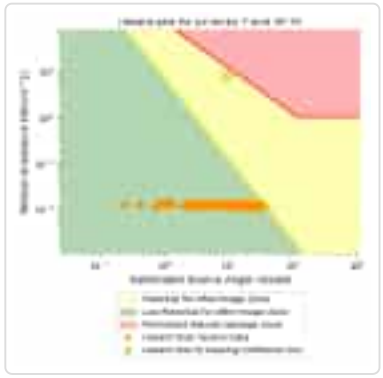
PV array 7: OP 44

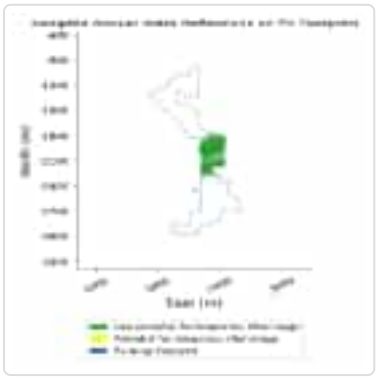
PV array is expected to produce the following glare for this receptor:

- 668 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





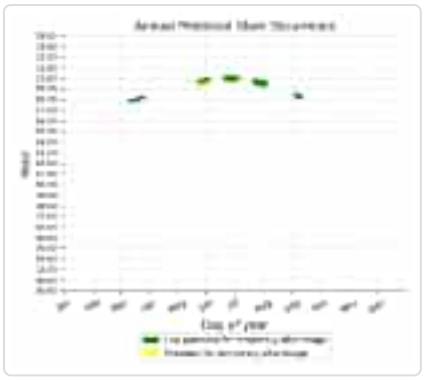


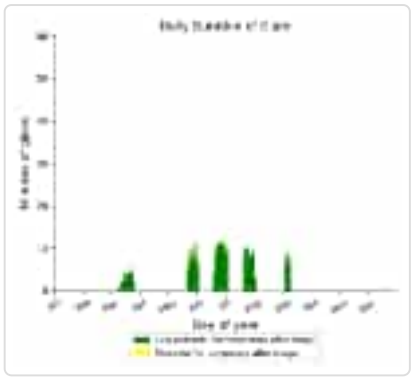


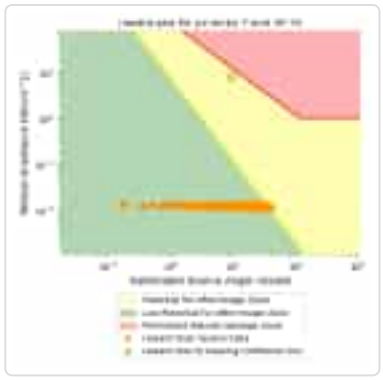
PV array 7: OP 45

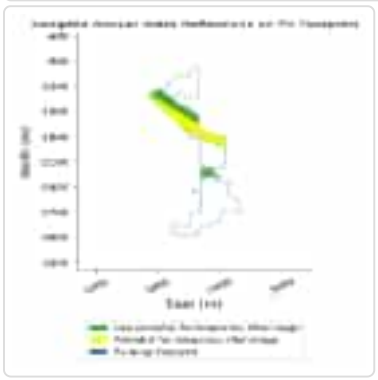
PV array is expected to produce the following glare for this receptor:

- 509 minutes of "green" glare with low potential to cause temporary after-image.
- 16 minutes of "yellow" glare with potential to cause temporary after-image.





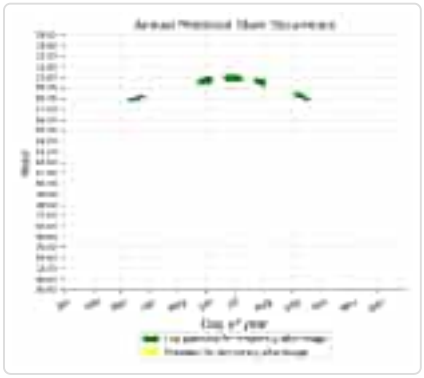


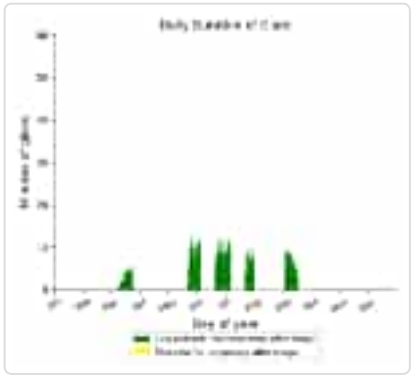


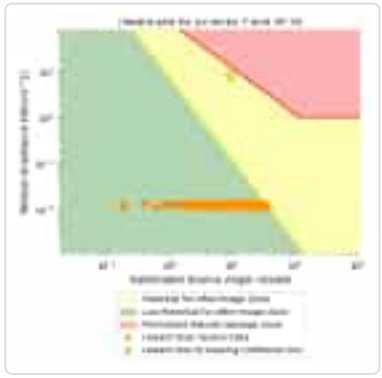
PV array 7: OP 46

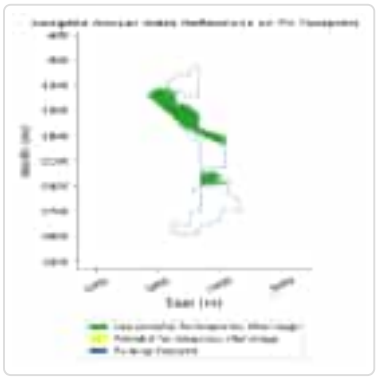
PV array is expected to produce the following glare for this receptor:

- 544 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





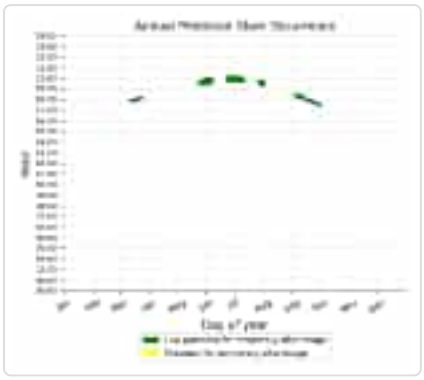


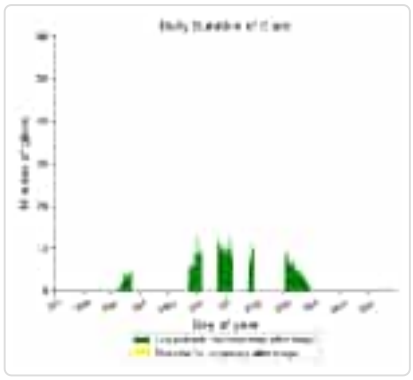


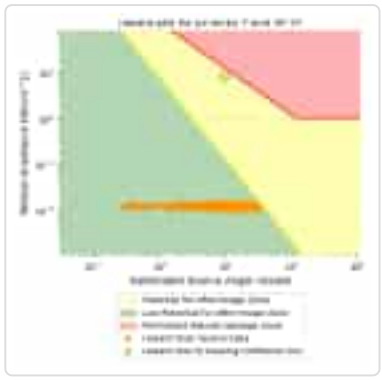
PV array 7: OP 47

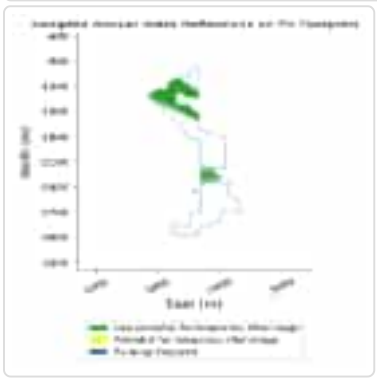
PV array is expected to produce the following glare for this receptor:

- 503 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





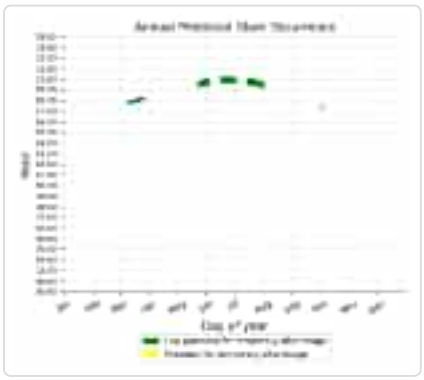


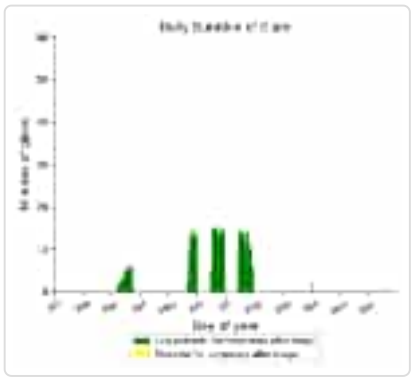


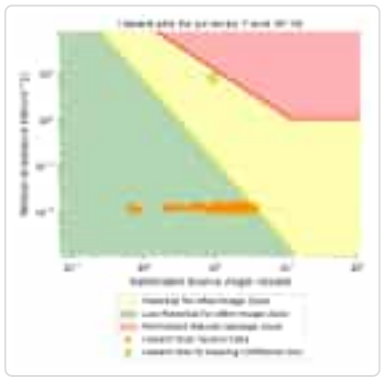
PV array 7: OP 48

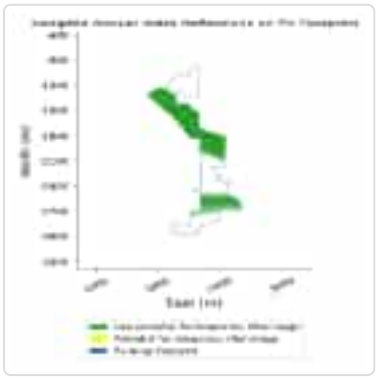
PV array is expected to produce the following glare for this receptor:

- 632 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





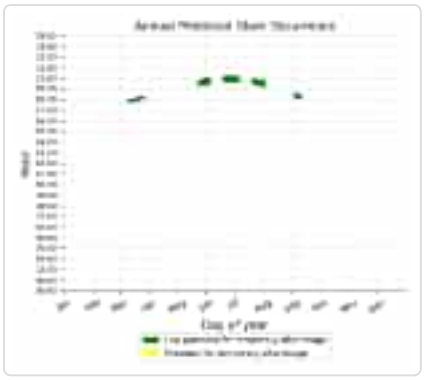


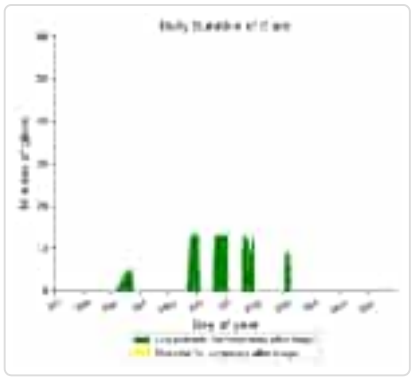


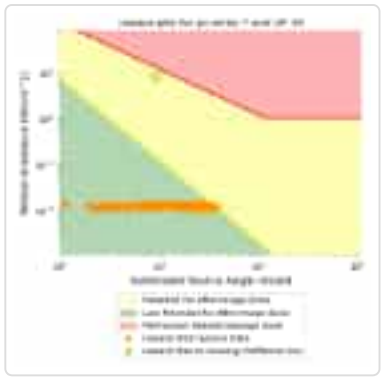
PV array 7: OP 49

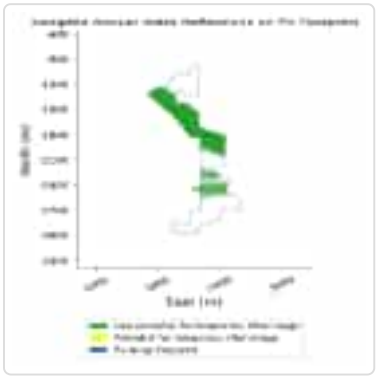
PV array is expected to produce the following glare for this receptor:

- 623 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





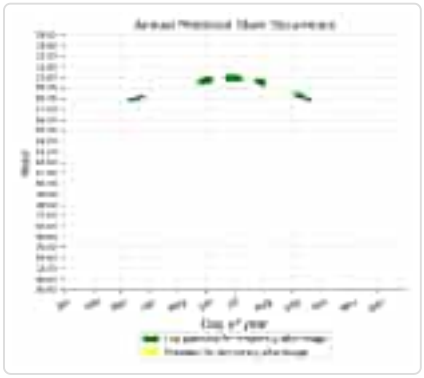


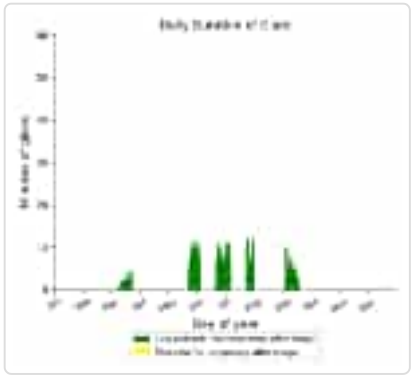


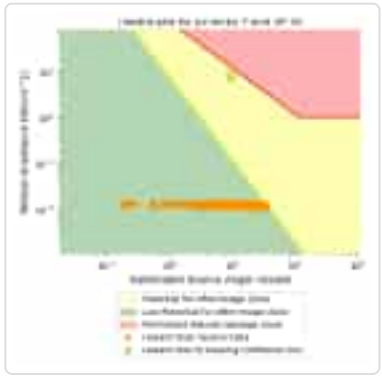
PV array 7: OP 50

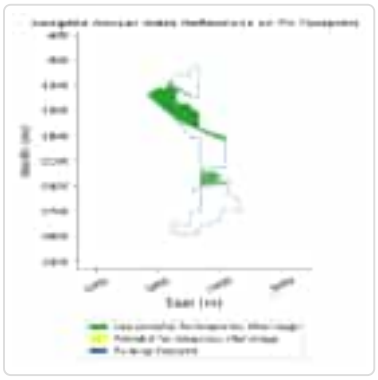
PV array is expected to produce the following glare for this receptor:

- 508 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





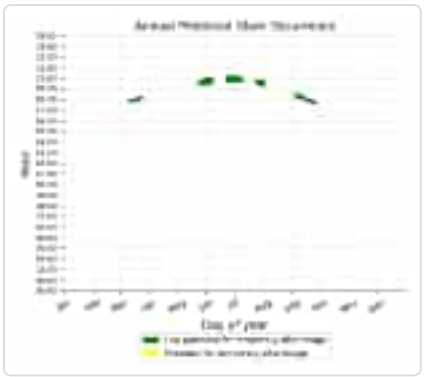


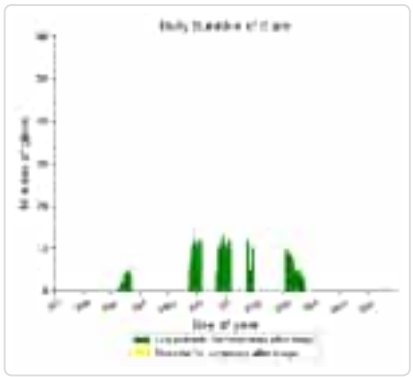


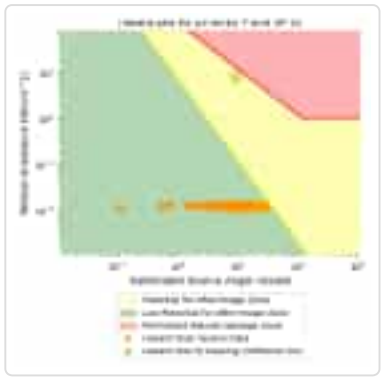
PV array 7: OP 51

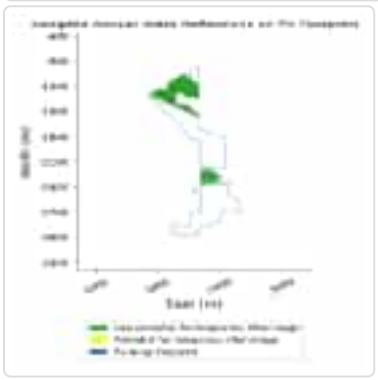
PV array is expected to produce the following glare for this receptor:

- 572 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





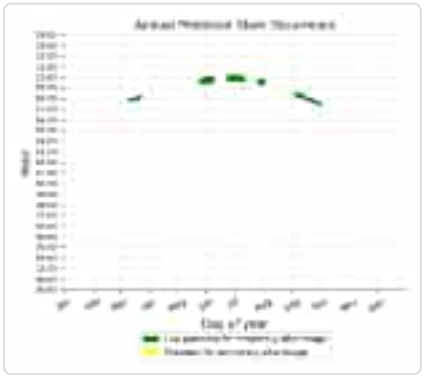


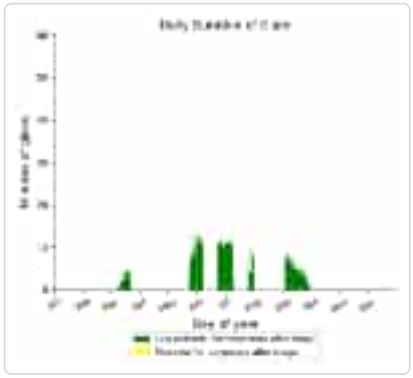


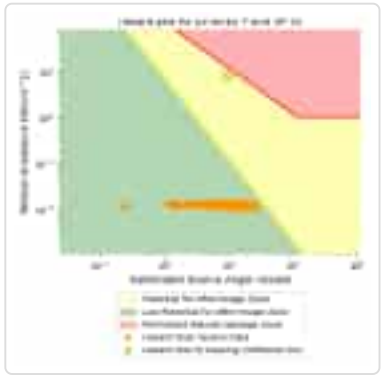
PV array 7: OP 52

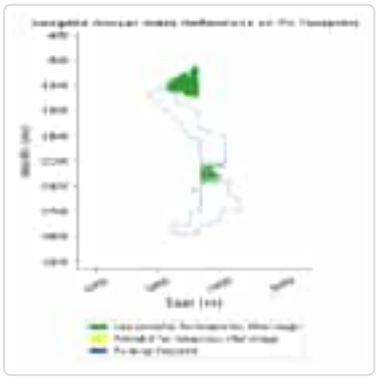
PV array is expected to produce the following glare for this receptor:

- 552 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





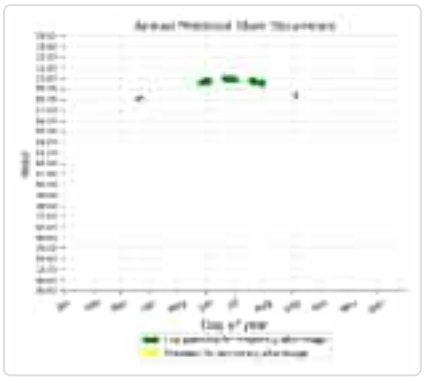


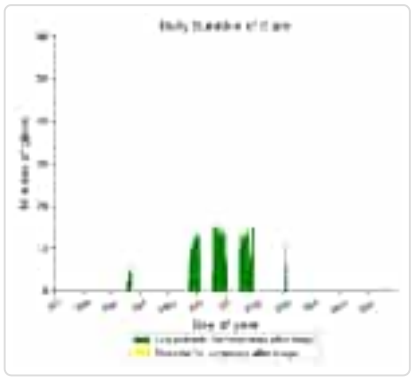


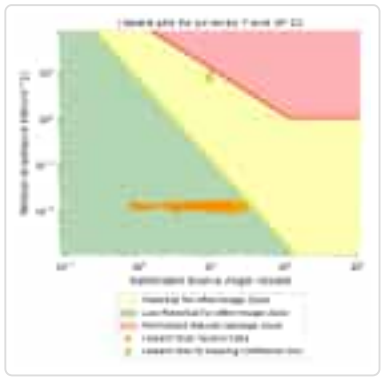
PV array 7: OP 53

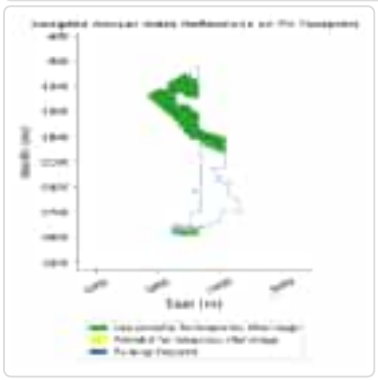
PV array is expected to produce the following glare for this receptor:

- 581 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





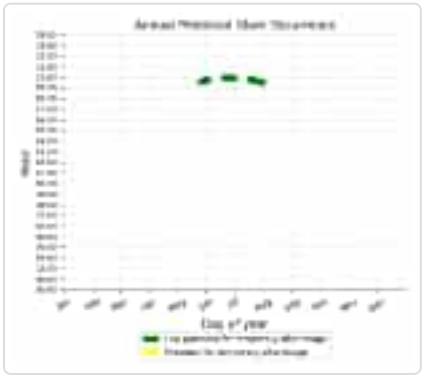


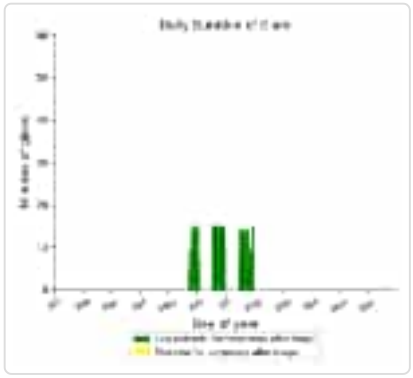


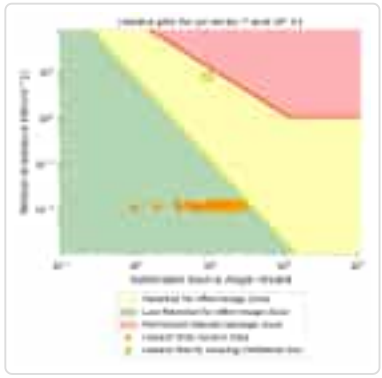
PV array 7: OP 54

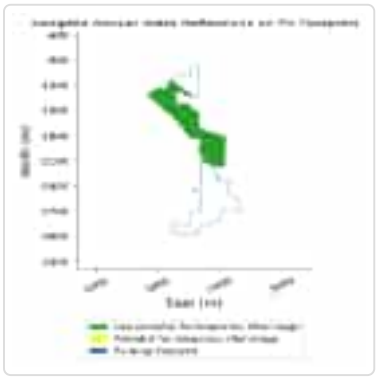
PV array is expected to produce the following glare for this receptor:

- 590 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





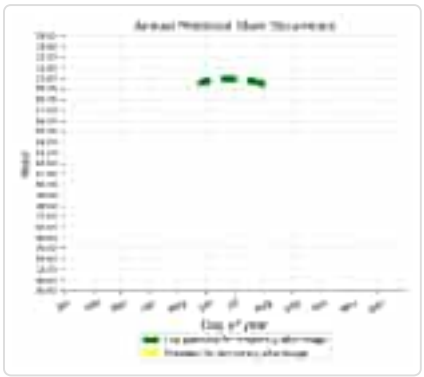


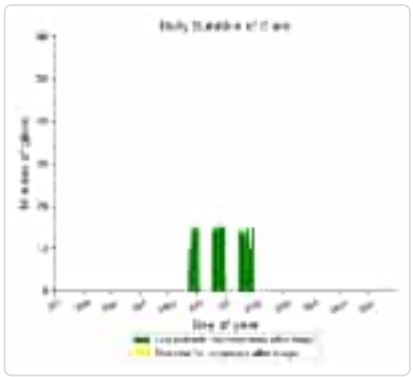


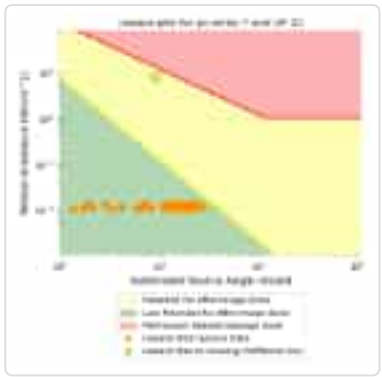
PV array 7: OP 55

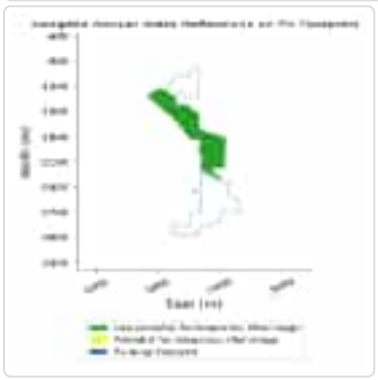
PV array is expected to produce the following glare for this receptor:

- 586 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





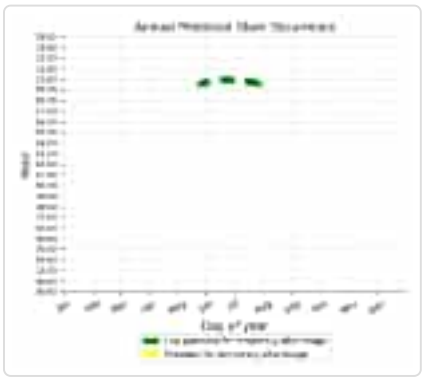


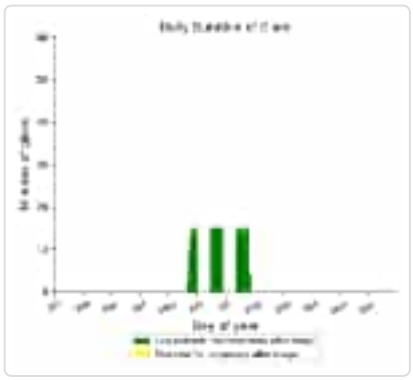


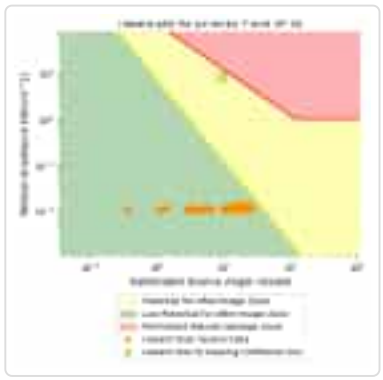
PV array 7: OP 56

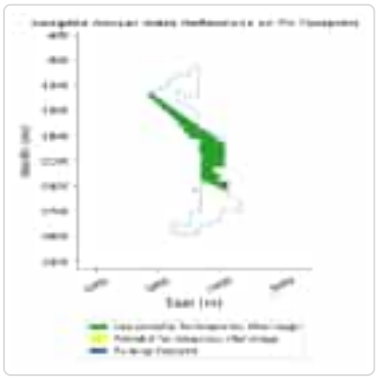
PV array is expected to produce the following glare for this receptor:

- 571 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





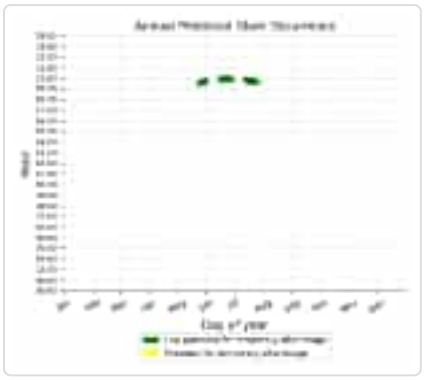


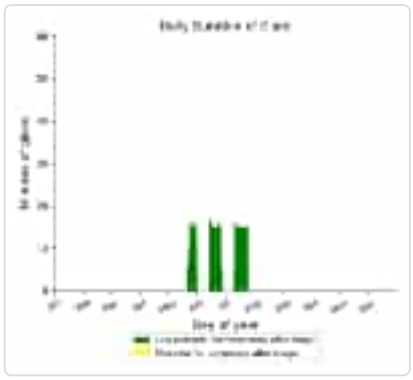


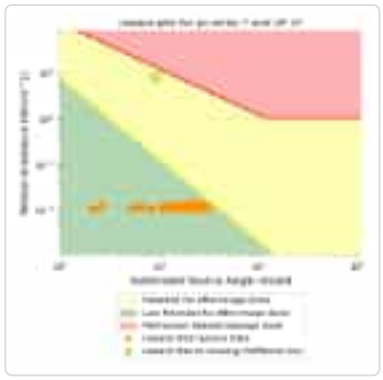
PV array 7: OP 57

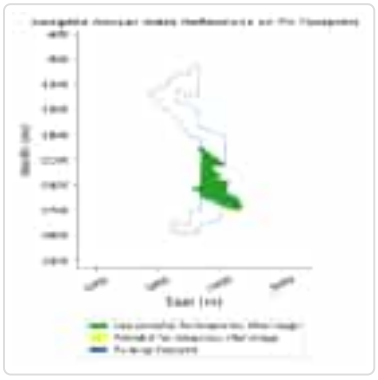
PV array is expected to produce the following glare for this receptor:

- 570 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





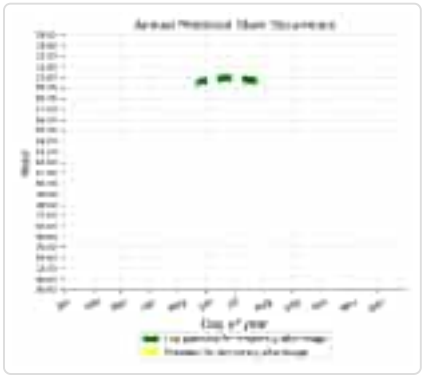


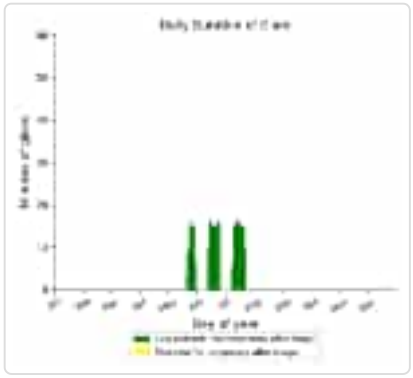


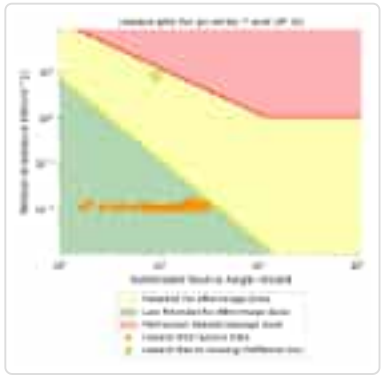
PV array 7: OP 58

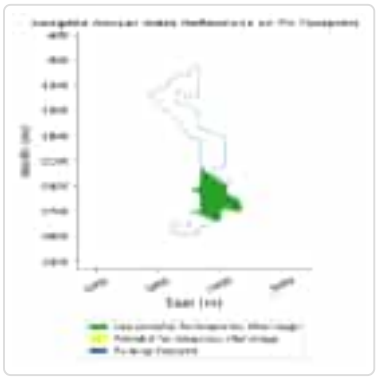
PV array is expected to produce the following glare for this receptor:

- 560 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





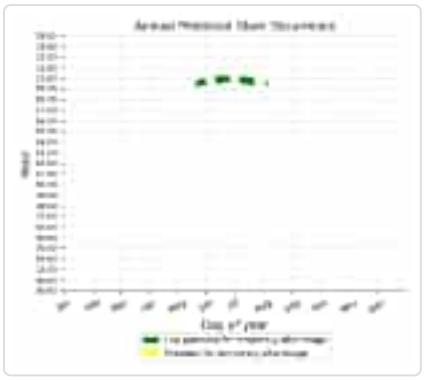


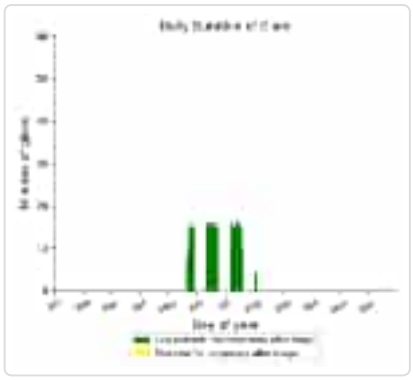


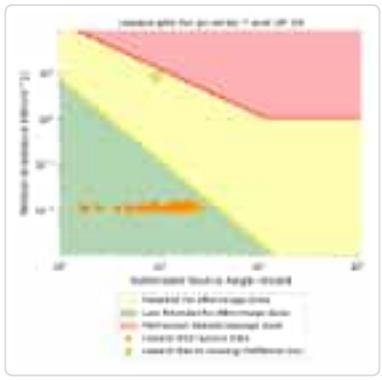
PV array 7: OP 59

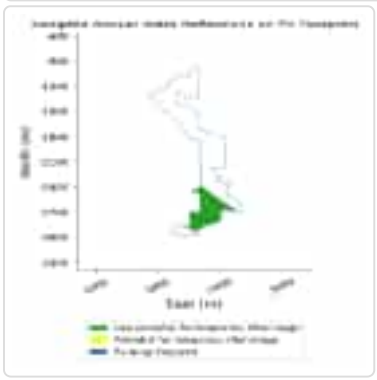
PV array is expected to produce the following glare for this receptor:

- 546 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





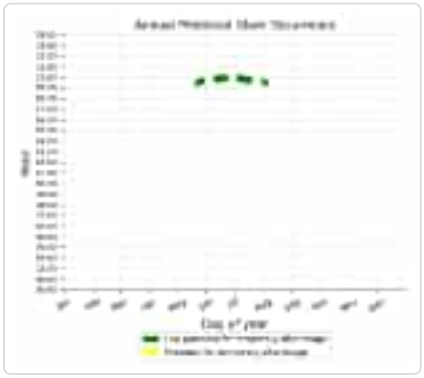


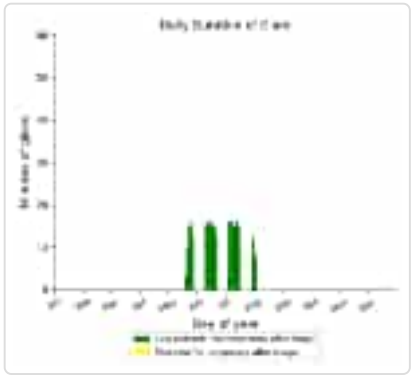


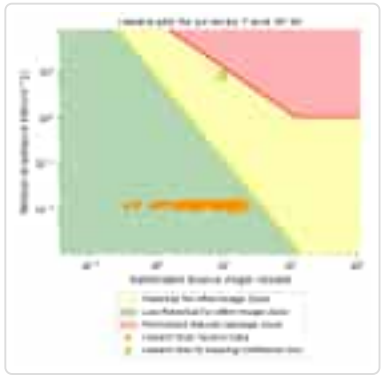
PV array 7: OP 60

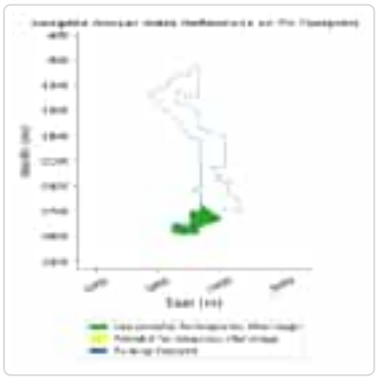
PV array is expected to produce the following glare for this receptor:

- 565 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





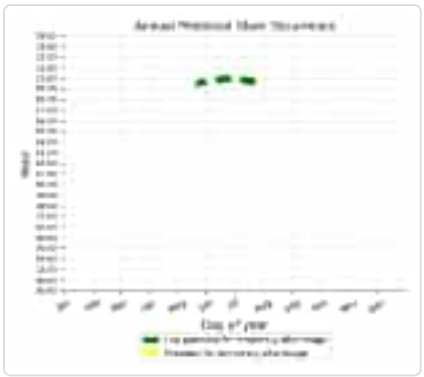


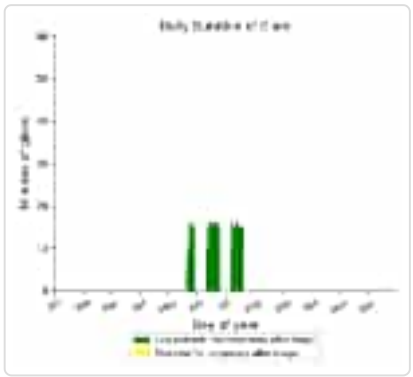


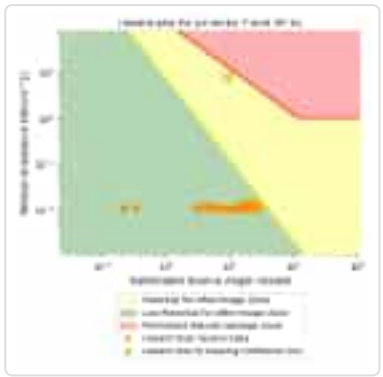
PV array 7: OP 61

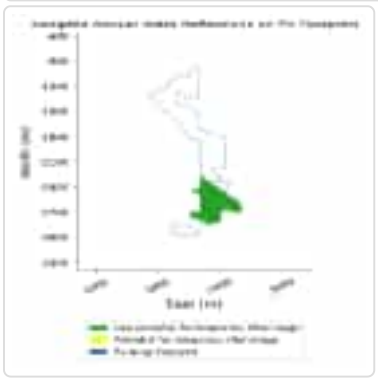
PV array is expected to produce the following glare for this receptor:

- 548 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





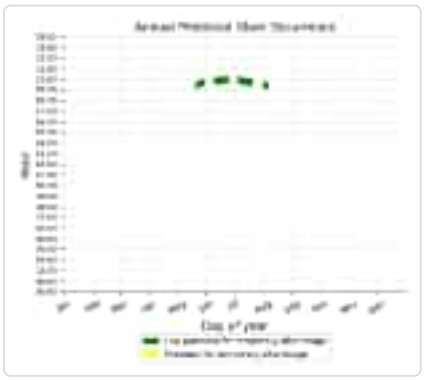


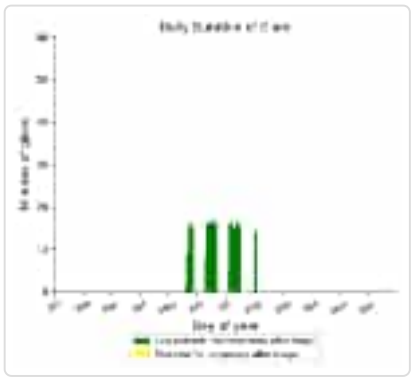


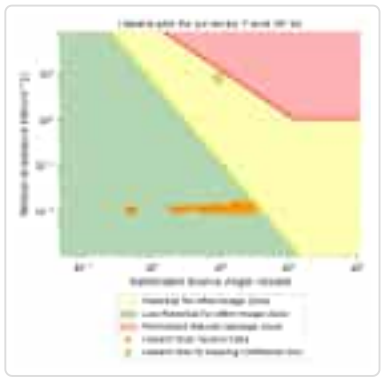
PV array 7: OP 62

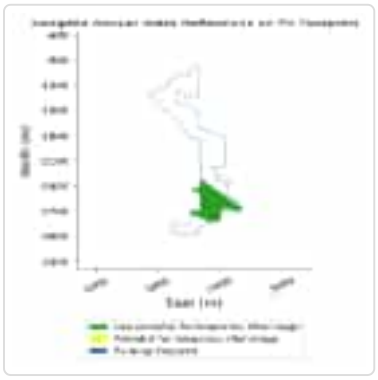
PV array is expected to produce the following glare for this receptor:

- 576 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 63

No glare found

PV array 7: OP 64

No glare found

PV array 7: OP 65

No glare found

PV array 7: OP 66

No glare found

PV array 7: OP 67

No glare found

PV array 7: OP 68

No glare found

PV array 7: OP 69

No glare found

PV array 7: OP 70

No glare found

PV array 7: OP 71

No glare found

PV array 7: OP 72

No glare found

PV array 7: OP 73

No glare found

PV array 7: OP 74

No glare found

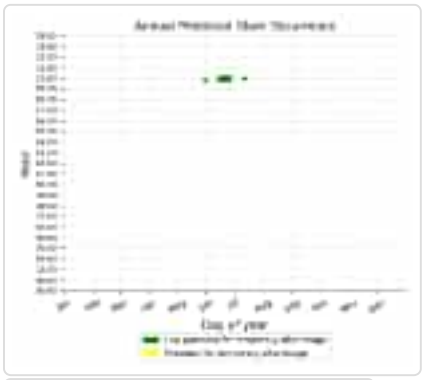
PV array 7: OP 75

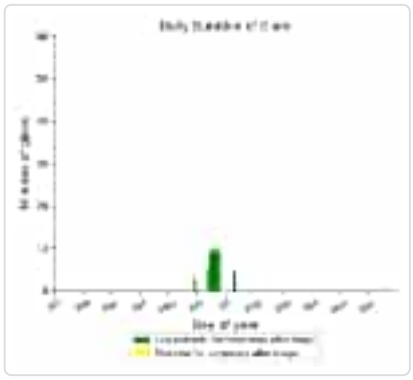
No glare found

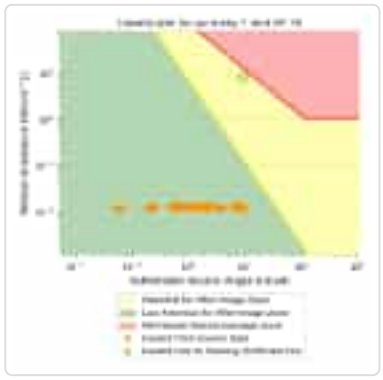
PV array 7: OP 76

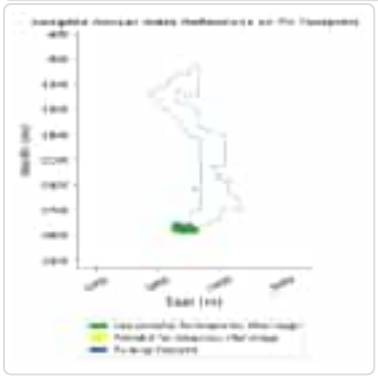
PV array is expected to produce the following glare for this receptor:

- 151 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





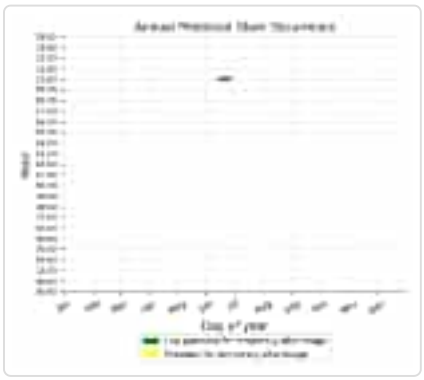


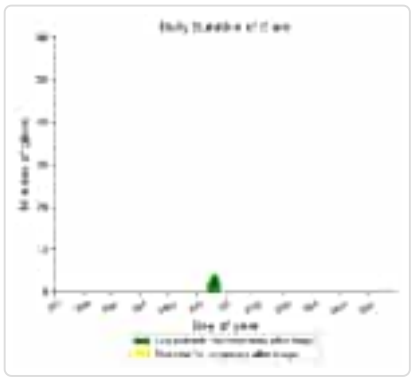


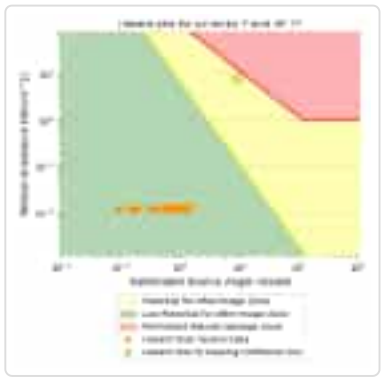
PV array 7: OP 77

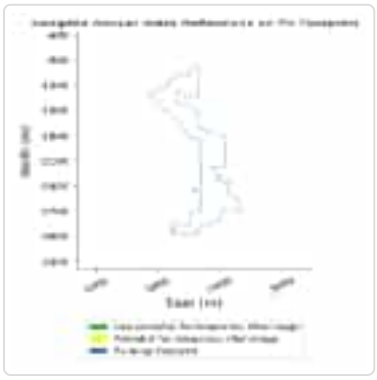
PV array is expected to produce the following glare for this receptor:

- 48 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7: OP 78

No glare found

PV array 7: OP 79

No glare found

PV array 8 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0

OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0
OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	0	0
OP: OP 46	87	0
OP: OP 47	130	0
OP: OP 48	61	0
OP: OP 49	61	0
OP: OP 50	113	0
OP: OP 51	124	0
OP: OP 52	90	0
OP: OP 53	91	0
OP: OP 54	23	0
OP: OP 55	0	0
OP: OP 56	0	0
OP: OP 57	293	0
OP: OP 58	273	0
OP: OP 59	17	0
OP: OP 60	0	0
OP: OP 61	192	0
OP: OP 62	104	0
OP: OP 63	0	0
OP: OP 64	0	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0

OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	0	0
OP: OP 76	0	0
OP: OP 77	0	0
OP: OP 78	0	0
OP: OP 79	0	0

PV array 8: OP 1

No glare found

PV array 8: OP 2

No glare found

PV array 8: OP 3

No glare found

PV array 8: OP 4

No glare found

PV array 8: OP 5

No glare found

PV array 8: OP 6

No glare found

PV array 8: OP 7

No glare found

PV array 8: OP 8

No glare found

PV array 8: OP 9

No glare found

PV array 8: OP 10

No glare found

PV array 8: OP 11

No glare found

PV array 8: OP 12

No glare found

PV array 8: OP 13

No glare found

PV array 8: OP 14

No glare found

PV array 8: OP 15

No glare found

PV array 8: OP 16

No glare found

PV array 8: OP 17

No glare found

PV array 8: OP 18

No glare found

PV array 8: OP 19

No glare found

PV array 8: OP 20

No glare found

PV array 8: OP 21

No glare found

PV array 8: OP 22

No glare found

PV array 8: OP 23

No glare found

PV array 8: OP 24

No glare found

PV array 8: OP 25

No glare found

PV array 8: OP 26

No glare found

PV array 8: OP 27

No glare found

PV array 8: OP 28

No glare found

PV array 8: OP 29

No glare found

PV array 8: OP 30

No glare found

PV array 8: OP 31

No glare found

PV array 8: OP 32

No glare found

PV array 8: OP 33

No glare found

PV array 8: OP 34

No glare found

PV array 8: OP 35

No glare found

PV array 8: OP 36

No glare found

PV array 8: OP 37

No glare found

PV array 8: OP 38

No glare found

PV array 8: OP 39

No glare found

PV array 8: OP 40

No glare found

PV array 8: OP 41

No glare found

PV array 8: OP 42

No glare found

PV array 8: OP 43

No glare found

PV array 8: OP 44

No glare found

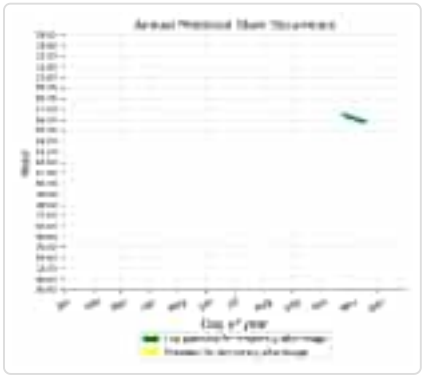
PV array 8: OP 45

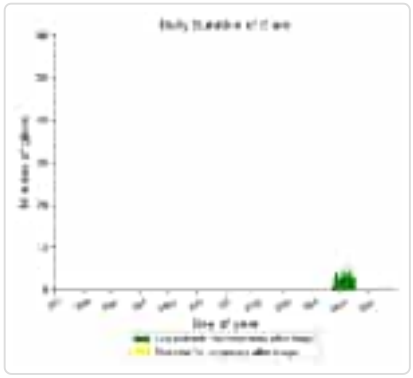
No glare found

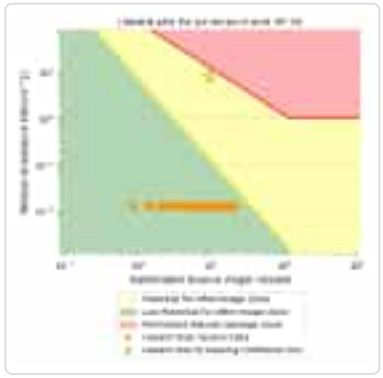
PV array 8: OP 46

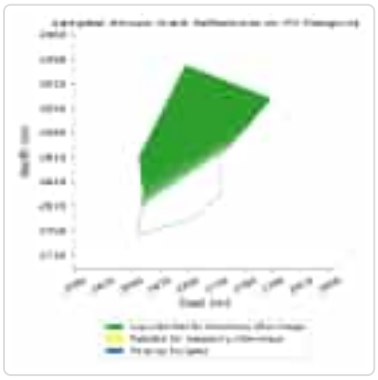
PV array is expected to produce the following glare for this receptor:

- 87 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





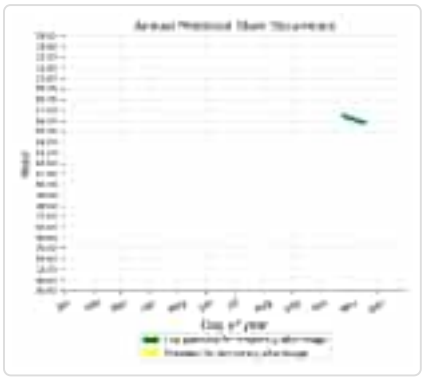


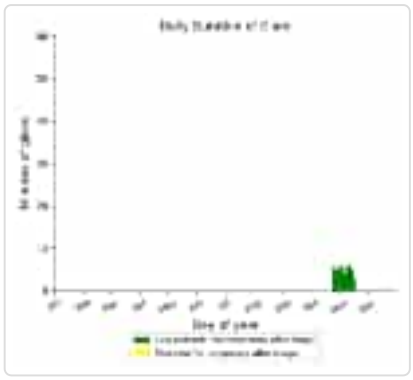


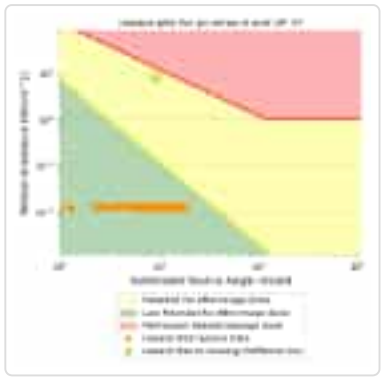
PV array 8: OP 47

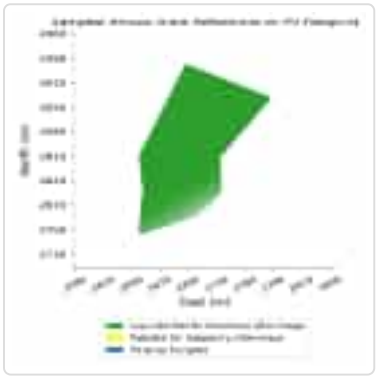
PV array is expected to produce the following glare for this receptor:

- 130 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





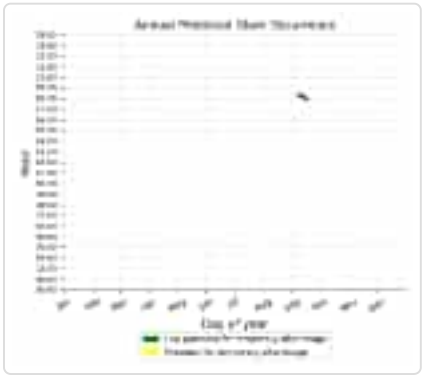


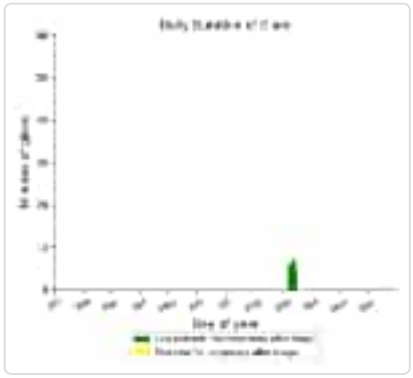


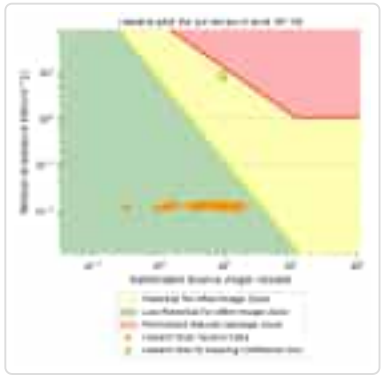
PV array 8: OP 48

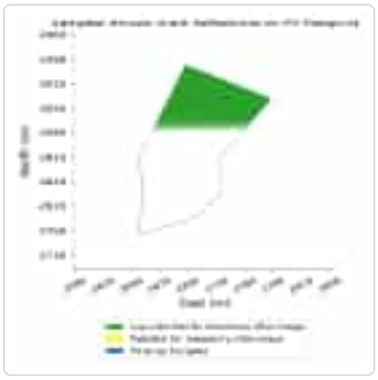
PV array is expected to produce the following glare for this receptor:

- 61 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





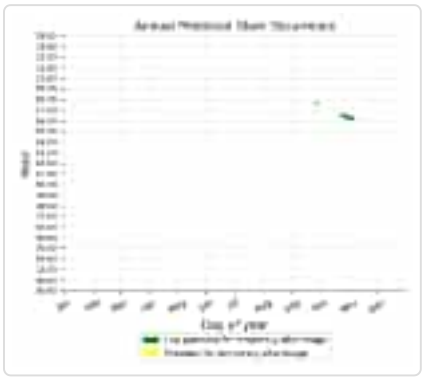


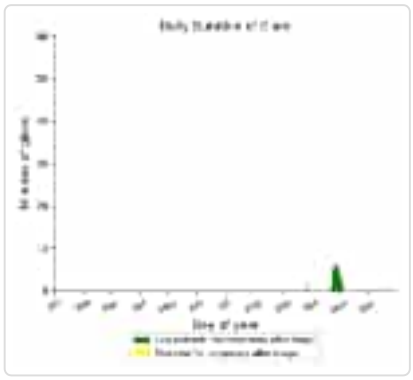


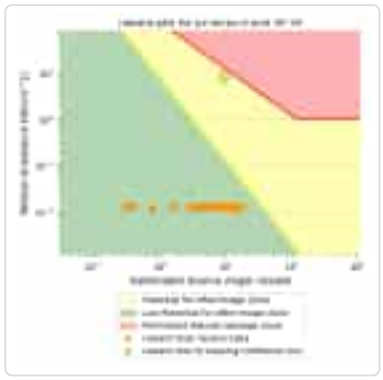
PV array 8: OP 49

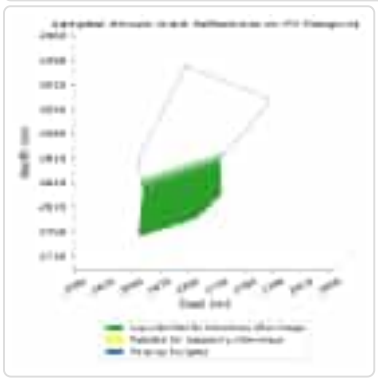
PV array is expected to produce the following glare for this receptor:

- 61 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





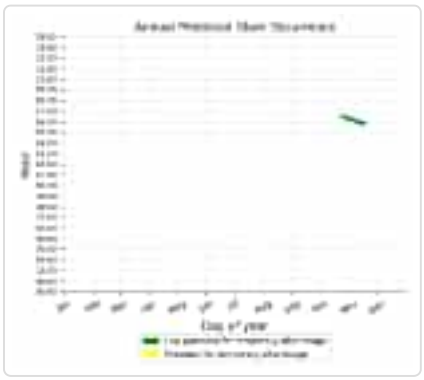


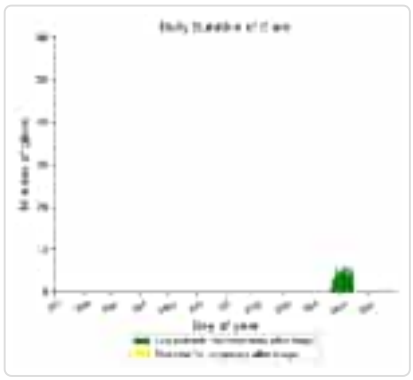


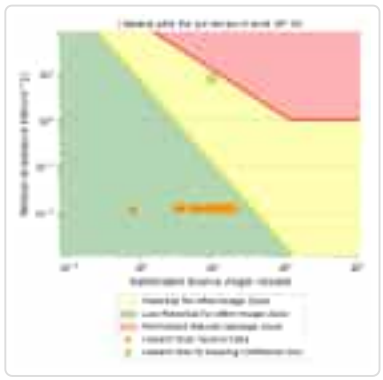
PV array 8: OP 50

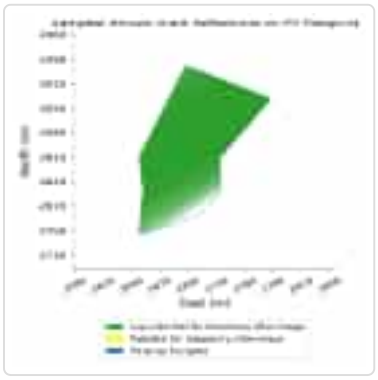
PV array is expected to produce the following glare for this receptor:

- 113 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





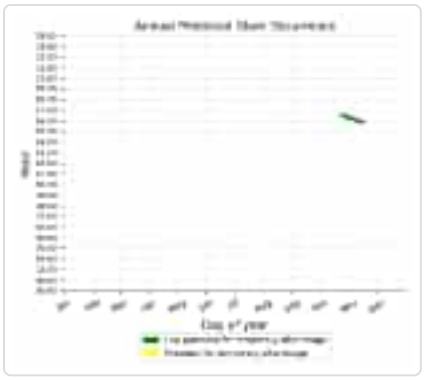


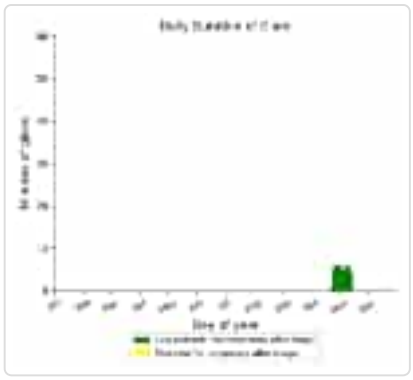


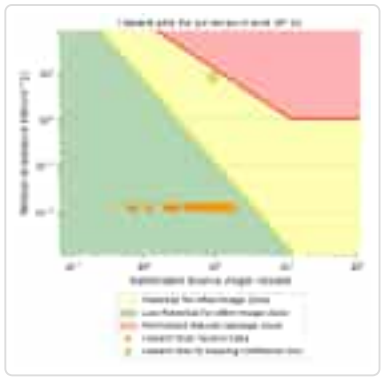
PV array 8: OP 51

PV array is expected to produce the following glare for this receptor:

- 124 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



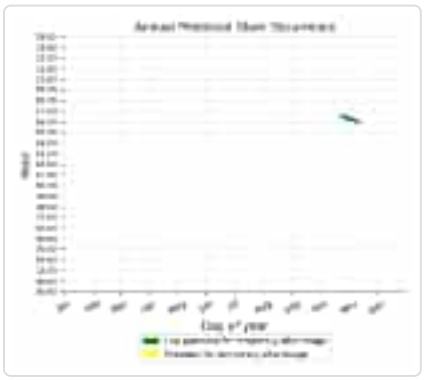


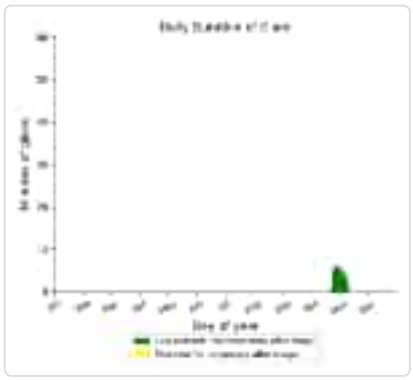


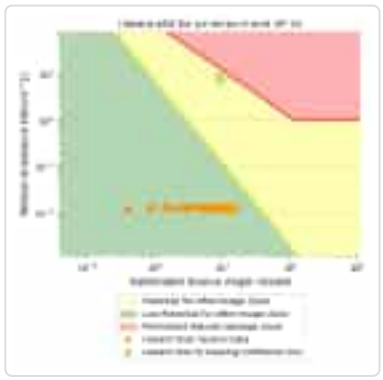
PV array 8: OP 52

PV array is expected to produce the following glare for this receptor:

- 90 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



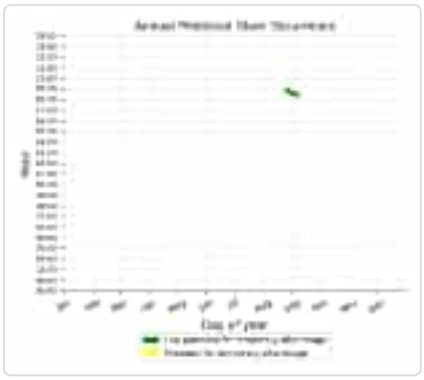


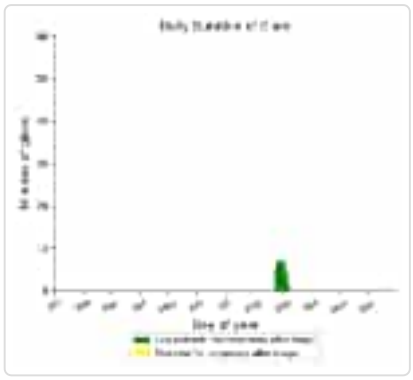


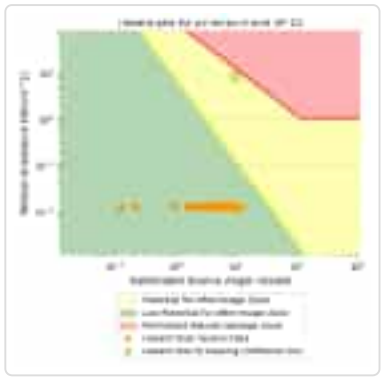
PV array 8: OP 53

PV array is expected to produce the following glare for this receptor:

- 91 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.



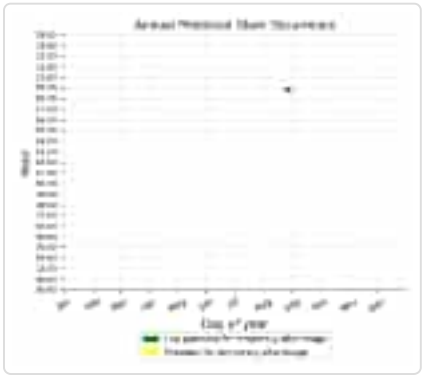


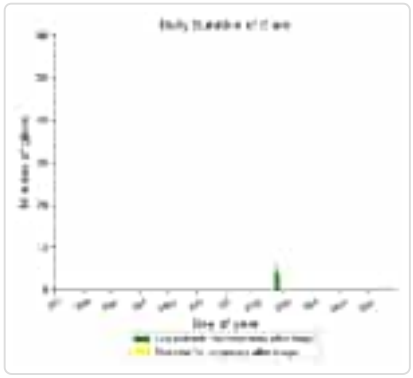


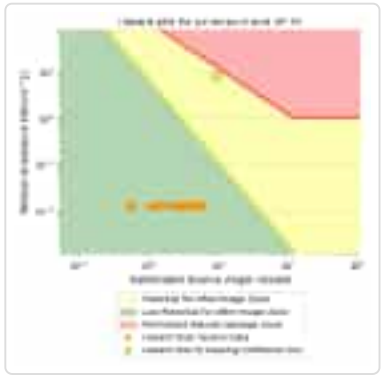
PV array 8: OP 54

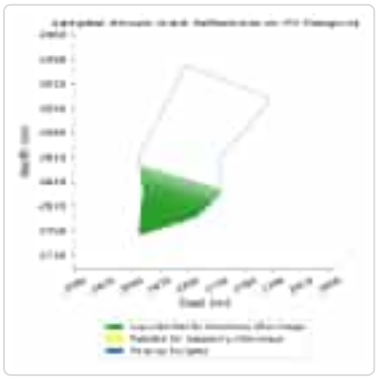
PV array is expected to produce the following glare for this receptor:

- 23 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 8: OP 55

No glare found

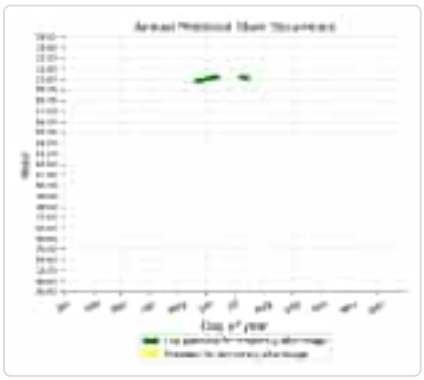
PV array 8: OP 56

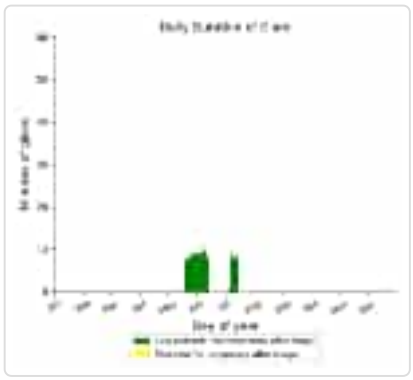
No glare found

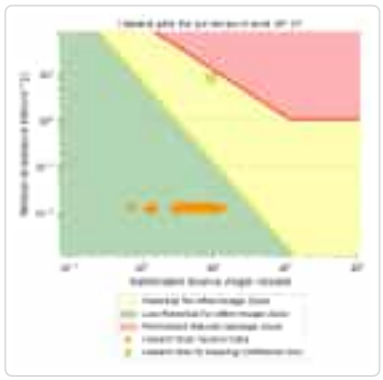
PV array 8: OP 57

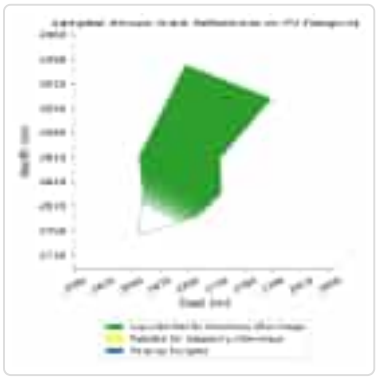
PV array is expected to produce the following glare for this receptor:

- 293 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





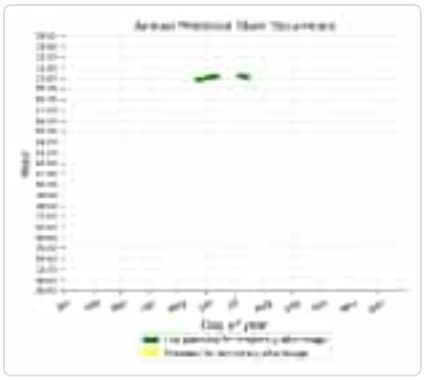


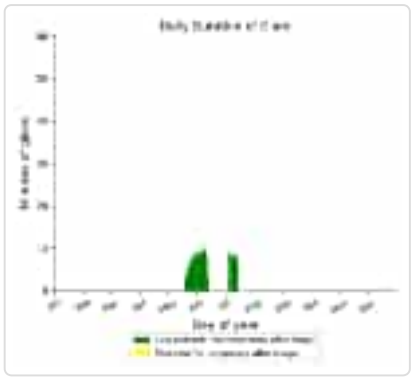


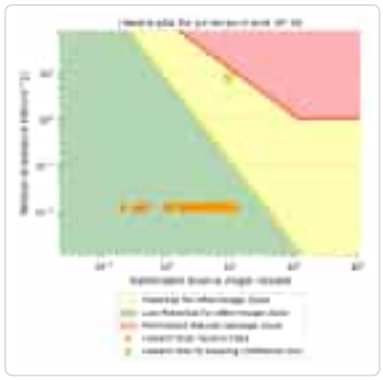
PV array 8: OP 58

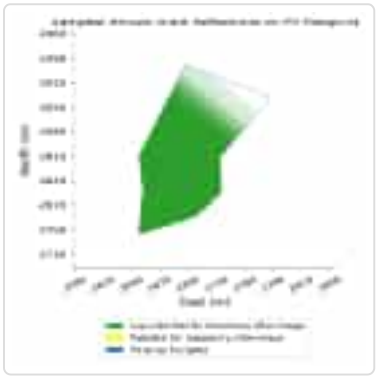
PV array is expected to produce the following glare for this receptor:

- 273 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





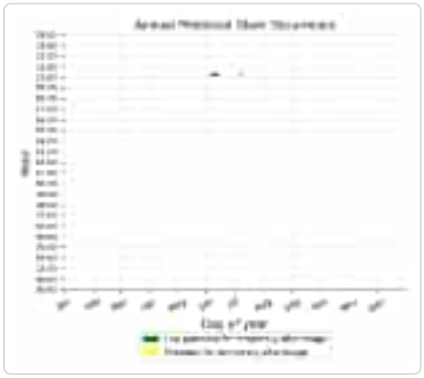


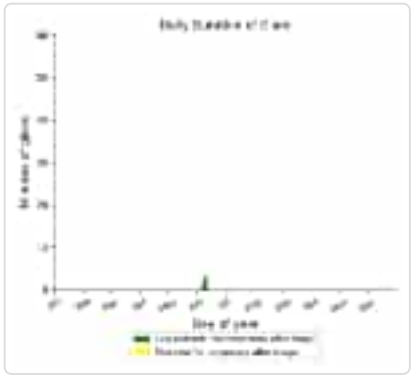


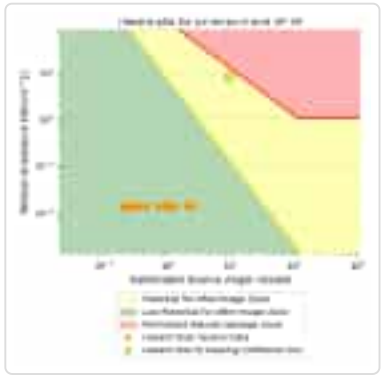
PV array 8: OP 59

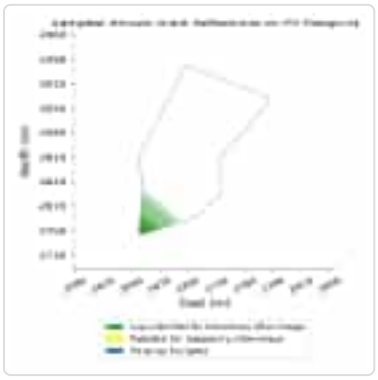
PV array is expected to produce the following glare for this receptor:

- 17 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









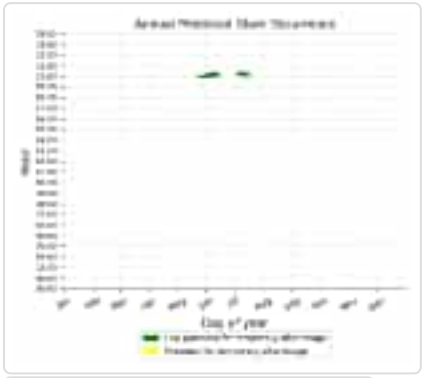
PV array 8: OP 60

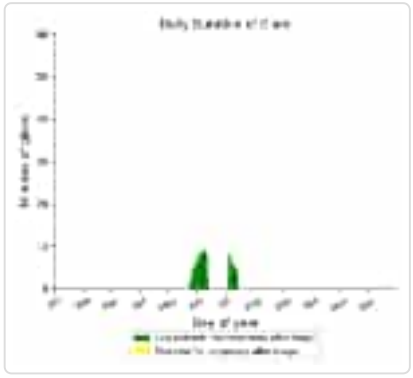
No glare found

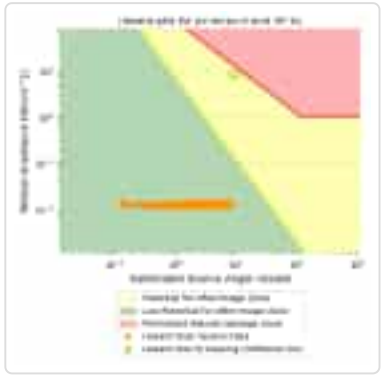
PV array 8: OP 61

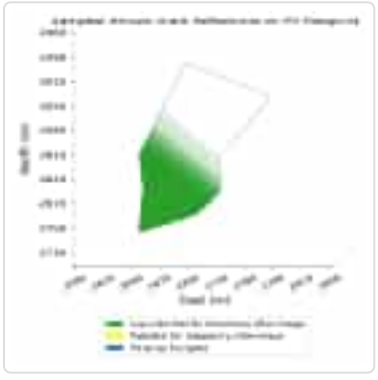
PV array is expected to produce the following glare for this receptor:

- 192 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





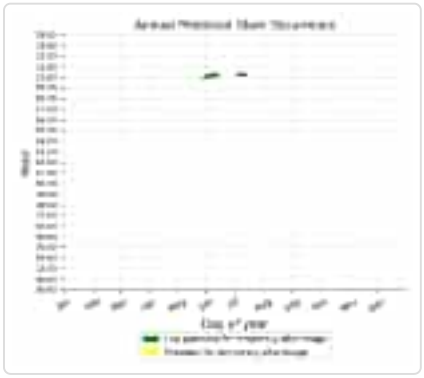


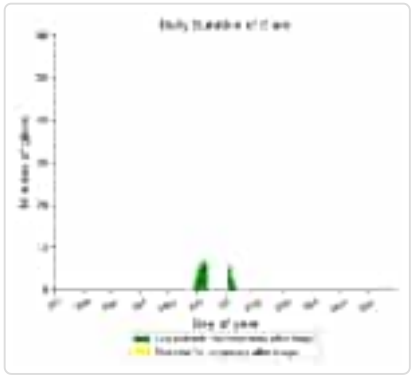


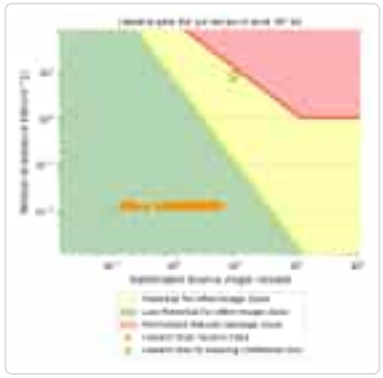
PV array 8: OP 62

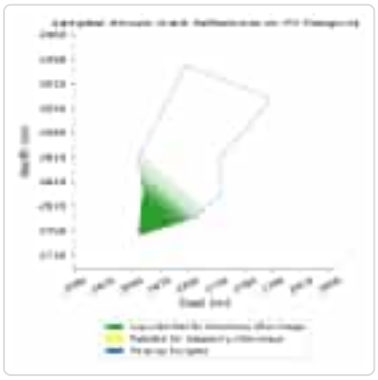
PV array is expected to produce the following glare for this receptor:

- 104 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 8: OP 63

No glare found

PV array 8: OP 64

No glare found

PV array 8: OP 65

No glare found

PV array 8: OP 66

No glare found

PV array 8: OP 67

No glare found

PV array 8: OP 68

No glare found

PV array 8: OP 69

No glare found

PV array 8: OP 70

No glare found

PV array 8: OP 71

No glare found

PV array 8: OP 72

No glare found

PV array 8: OP 73

No glare found

PV array 8: OP 74

No glare found

PV array 8: OP 75

No glare found

PV array 8: OP 76

No glare found

PV array 8: OP 77

No glare found

PV array 8: OP 78

No glare found

PV array 8: OP 79

No glare found

PV array 9 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
OP: OP 1	0	0
OP: OP 2	0	0
OP: OP 3	0	0
OP: OP 4	0	0
OP: OP 5	0	0
OP: OP 6	0	0
OP: OP 7	0	0
OP: OP 8	0	0
OP: OP 9	0	0
OP: OP 10	0	0
OP: OP 11	0	0
OP: OP 12	0	0
OP: OP 13	0	0
OP: OP 14	0	0
OP: OP 15	0	0
OP: OP 16	0	0
OP: OP 17	0	0
OP: OP 18	0	0
OP: OP 19	0	0
OP: OP 20	0	0
OP: OP 21	0	0
OP: OP 22	0	0
OP: OP 23	0	0

OP: OP 24	0	0
OP: OP 25	0	0
OP: OP 26	0	0
OP: OP 27	0	0
OP: OP 28	0	0
OP: OP 29	0	0
OP: OP 30	0	0
OP: OP 31	0	0
OP: OP 32	0	0
OP: OP 33	0	0
OP: OP 34	0	0
OP: OP 35	0	0
OP: OP 36	0	0
OP: OP 37	0	0
OP: OP 38	0	0
OP: OP 39	0	0
OP: OP 40	0	0
OP: OP 41	0	0
OP: OP 42	0	0
OP: OP 43	0	0
OP: OP 44	0	0
OP: OP 45	32	0
OP: OP 46	0	0
OP: OP 47	0	0
OP: OP 48	19	0
OP: OP 49	41	0
OP: OP 50	23	0
OP: OP 51	42	0
OP: OP 52	43	0
OP: OP 53	93	0
OP: OP 54	82	0
OP: OP 55	89	0
OP: OP 56	84	0
OP: OP 57	54	0
OP: OP 58	0	0
OP: OP 59	0	0
OP: OP 60	0	0
OP: OP 61	0	0
OP: OP 62	43	0
OP: OP 63	370	0
OP: OP 64	152	0
OP: OP 65	0	0
OP: OP 66	0	0
OP: OP 67	0	0
OP: OP 68	0	0
OP: OP 69	0	0
OP: OP 70	0	0
OP: OP 71	0	0
OP: OP 72	0	0
OP: OP 73	0	0
OP: OP 74	0	0
OP: OP 75	111	0
OP: OP 76	293	0
OP: OP 77	324	0

OP: OP 78	0	0
OP: OP 79	0	0

PV array 9: OP 1

No glare found

PV array 9: OP 2

No glare found

PV array 9: OP 3

No glare found

PV array 9: OP 4

No glare found

PV array 9: OP 5

No glare found

PV array 9: OP 6

No glare found

PV array 9: OP 7

No glare found

PV array 9: OP 8

No glare found

PV array 9: OP 9

No glare found

PV array 9: OP 10

No glare found

PV array 9: OP 11

No glare found

PV array 9: OP 12

No glare found

PV array 9: OP 13

No glare found

PV array 9: OP 14

No glare found

PV array 9: OP 15

No glare found

PV array 9: OP 16

No glare found

PV array 9: OP 17

No glare found

PV array 9: OP 18

No glare found

PV array 9: OP 19

No glare found

PV array 9: OP 20

No glare found

PV array 9: OP 21

No glare found

PV array 9: OP 22

No glare found

PV array 9: OP 23

No glare found

PV array 9: OP 24

No glare found

PV array 9: OP 25

No glare found

PV array 9: OP 26

No glare found

PV array 9: OP 27

No glare found

PV array 9: OP 28

No glare found

PV array 9: OP 29

No glare found

PV array 9: OP 30

No glare found

PV array 9: OP 31

No glare found

PV array 9: OP 32

No glare found

PV array 9: OP 33

No glare found

PV array 9: OP 34

No glare found

PV array 9: OP 35

No glare found

PV array 9: OP 36

No glare found

PV array 9: OP 37

No glare found

PV array 9: OP 38

No glare found

PV array 9: OP 39

No glare found

PV array 9: OP 40

No glare found

PV array 9: OP 41

No glare found

PV array 9: OP 42

No glare found

PV array 9: OP 43

No glare found

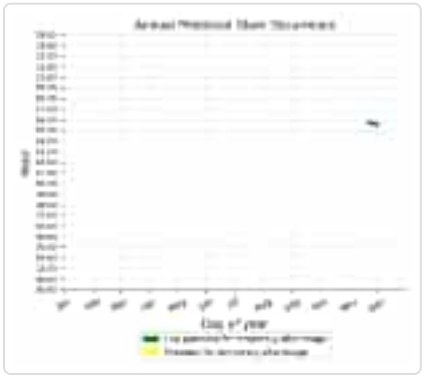
PV array 9: OP 44

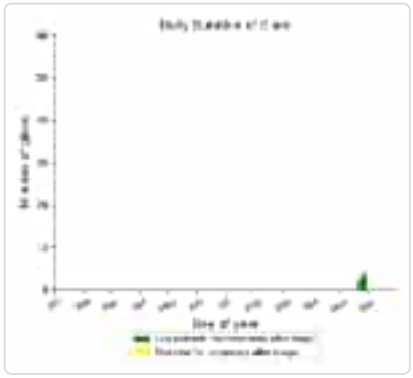
No glare found

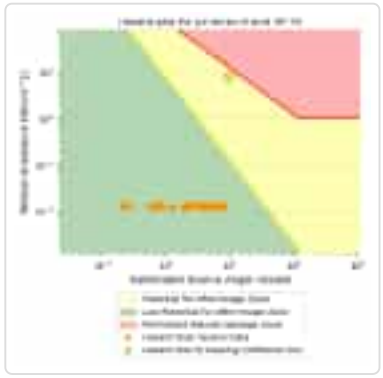
PV array 9: OP 45

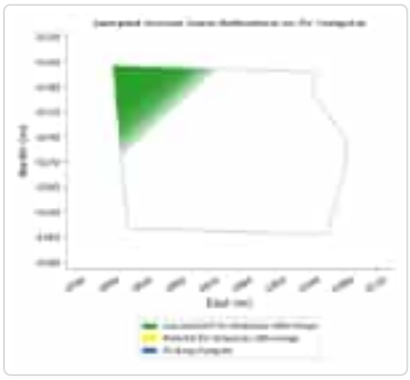
PV array is expected to produce the following glare for this receptor:

- 32 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 46

No glare found

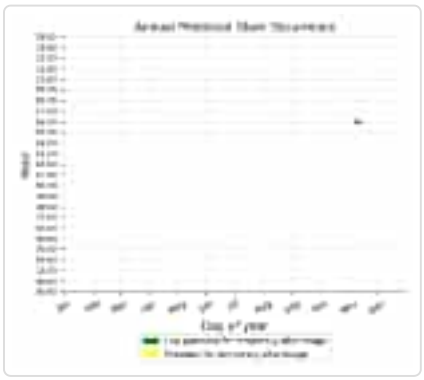
PV array 9: OP 47

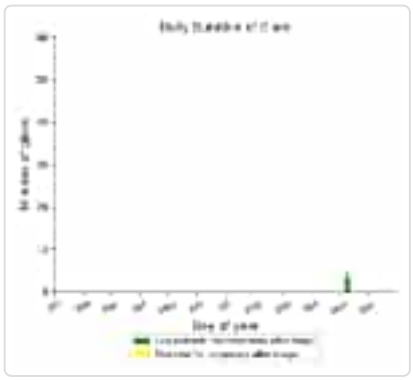
No glare found

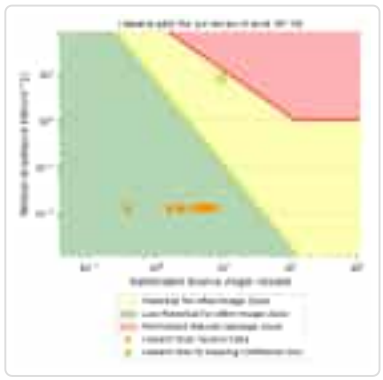
PV array 9: OP 48

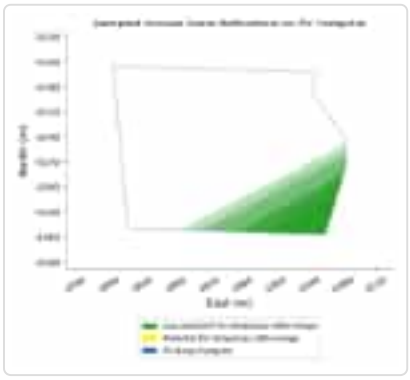
PV array is expected to produce the following glare for this receptor:

- 19 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





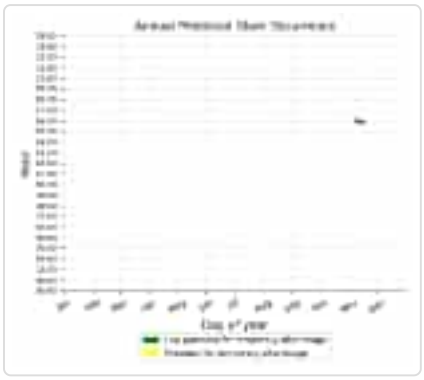


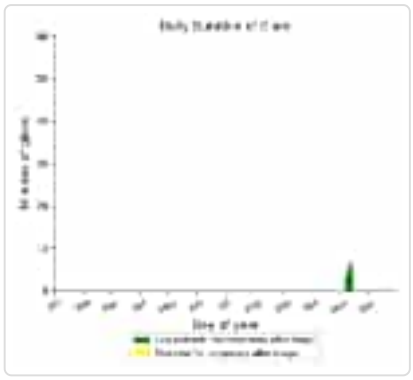


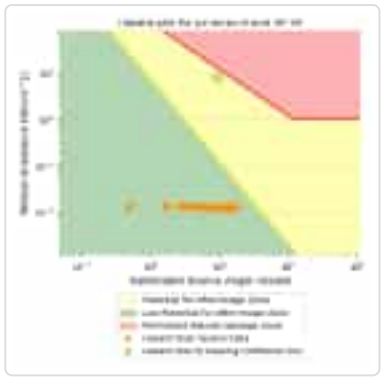
PV array 9: OP 49

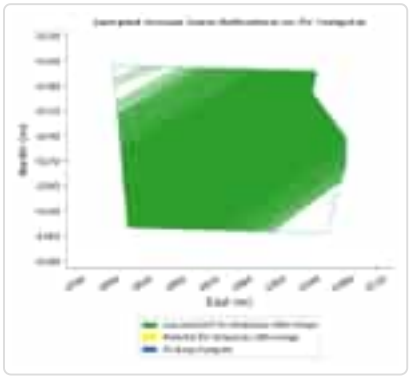
PV array is expected to produce the following glare for this receptor:

- 41 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





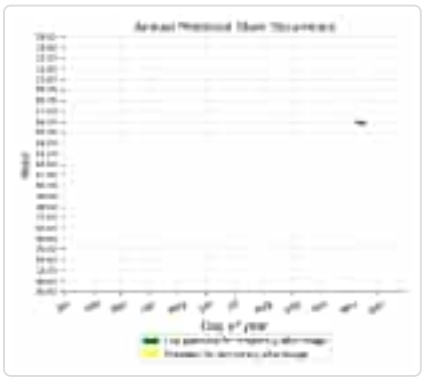


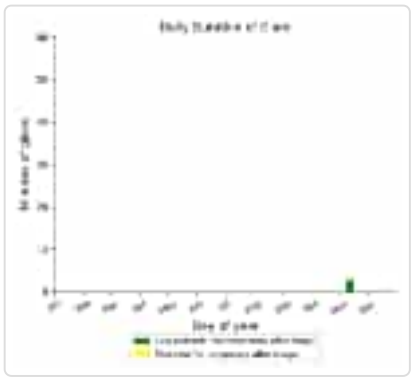


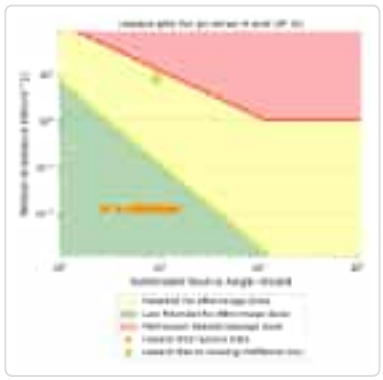
PV array 9: OP 50

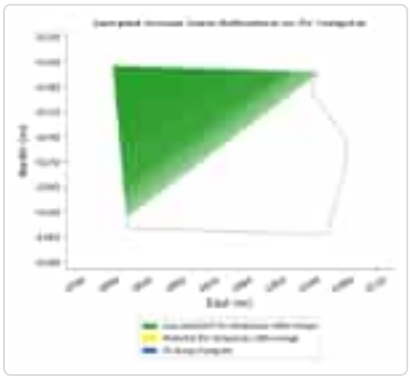
PV array is expected to produce the following glare for this receptor:

- 23 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





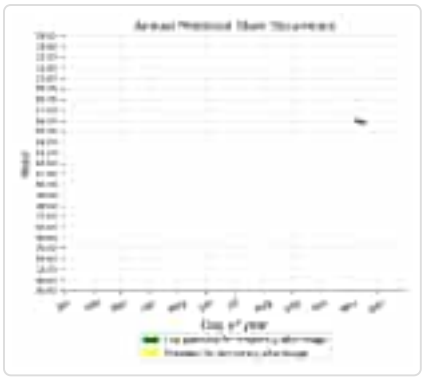


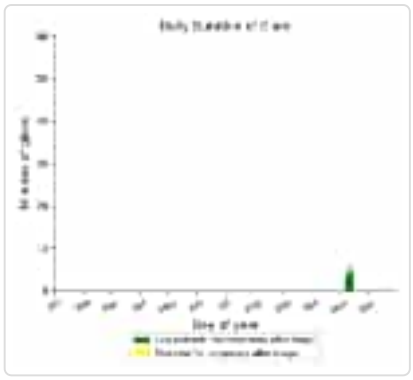


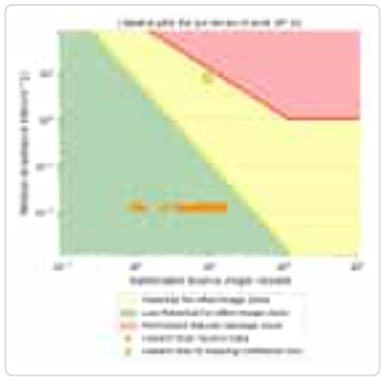
PV array 9: OP 51

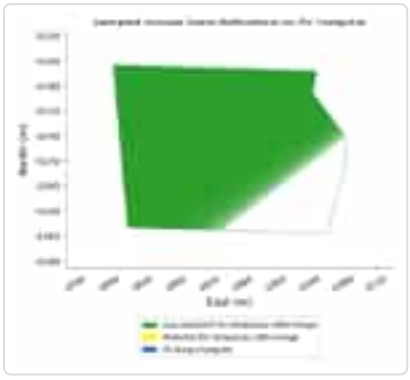
PV array is expected to produce the following glare for this receptor:

- 42 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





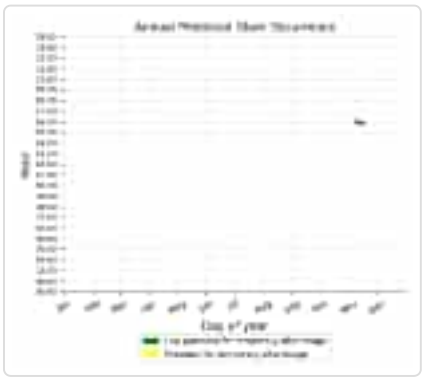


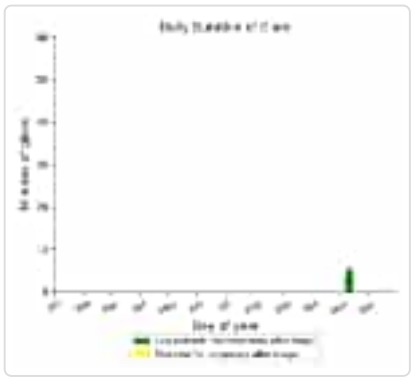


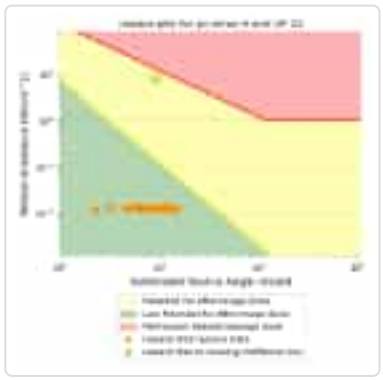
PV array 9: OP 52

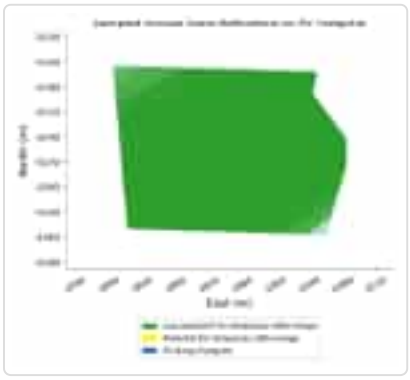
PV array is expected to produce the following glare for this receptor:

- 43 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





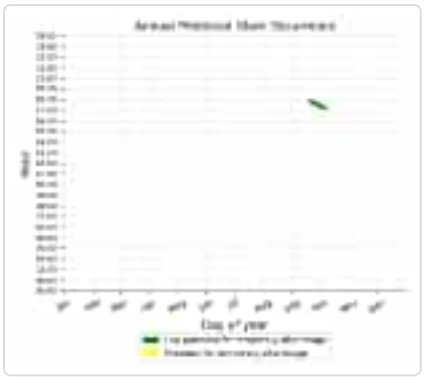


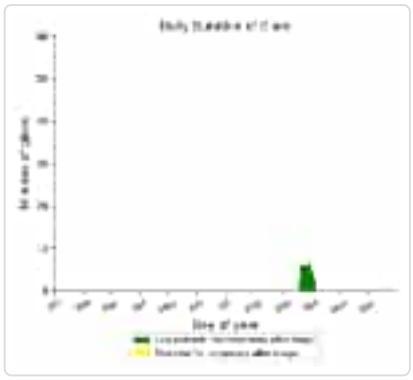


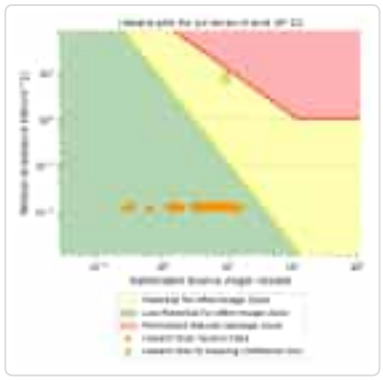
PV array 9: OP 53

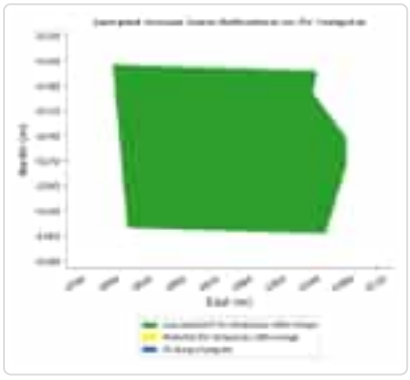
PV array is expected to produce the following glare for this receptor:

- 93 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





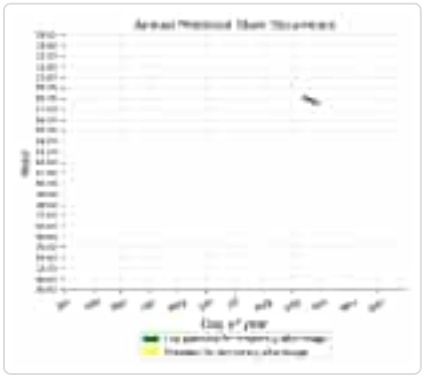


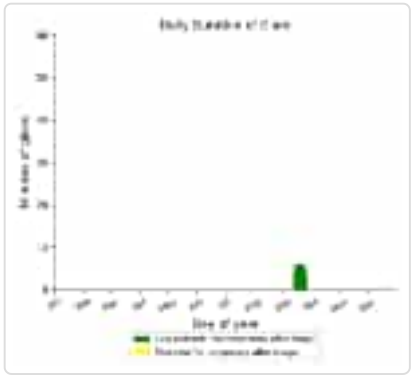


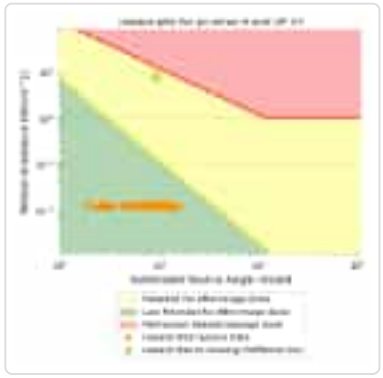
PV array 9: OP 54

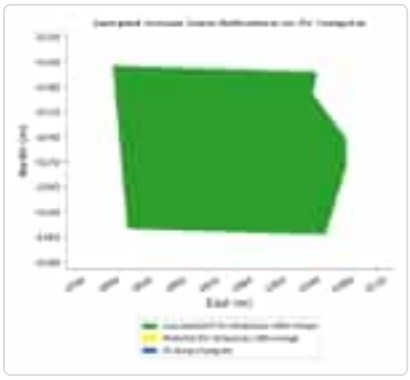
PV array is expected to produce the following glare for this receptor:

- 82 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





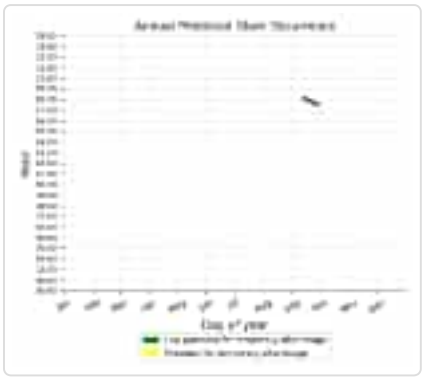


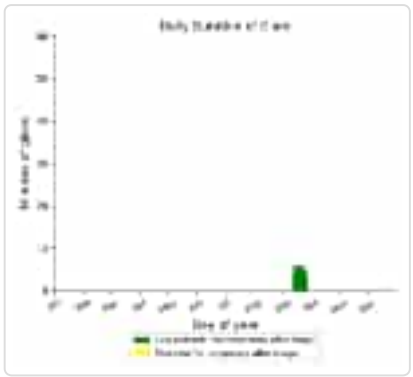


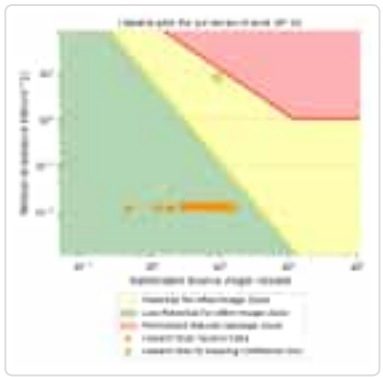
PV array 9: OP 55

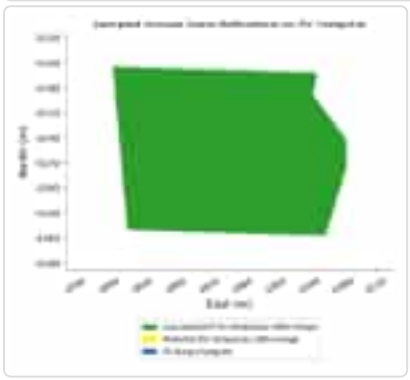
PV array is expected to produce the following glare for this receptor:

- 89 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





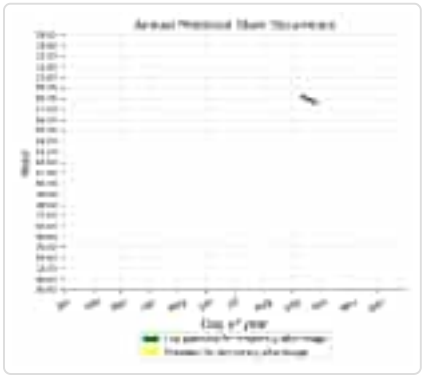


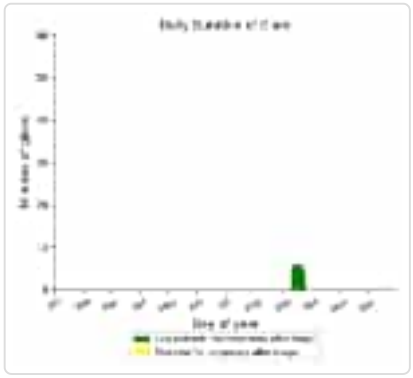


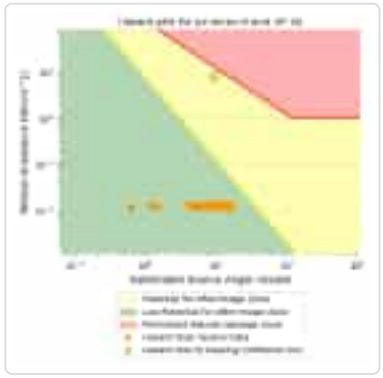
PV array 9: OP 56

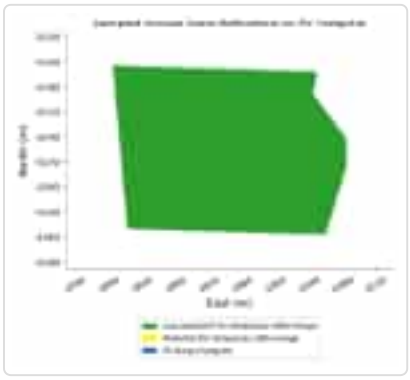
PV array is expected to produce the following glare for this receptor:

- 84 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





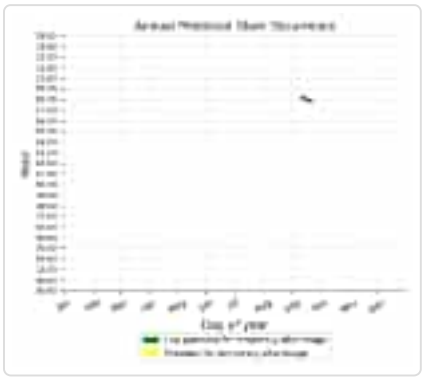


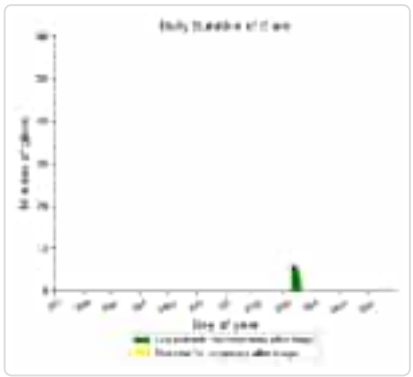


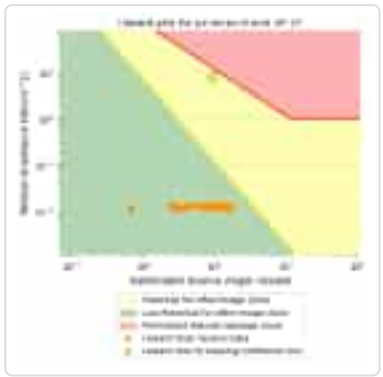
PV array 9: OP 57

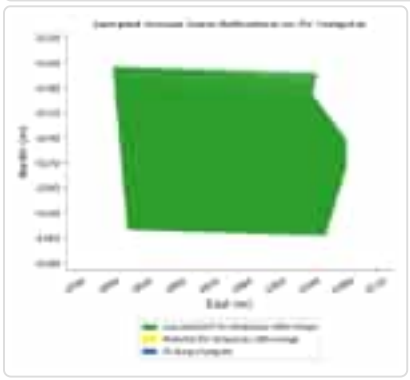
PV array is expected to produce the following glare for this receptor:

- 54 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 58

No glare found

PV array 9: OP 59

No glare found

PV array 9: OP 60

No glare found

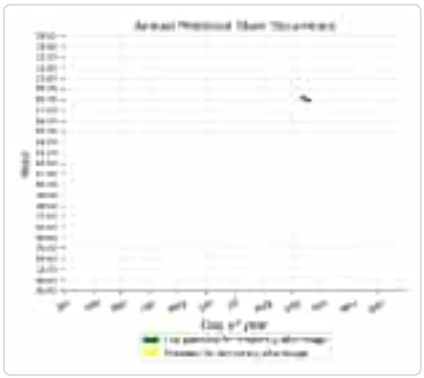
PV array 9: OP 61

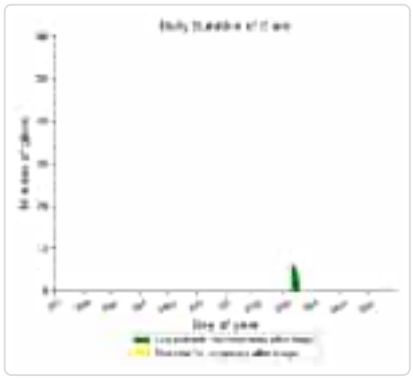
No glare found

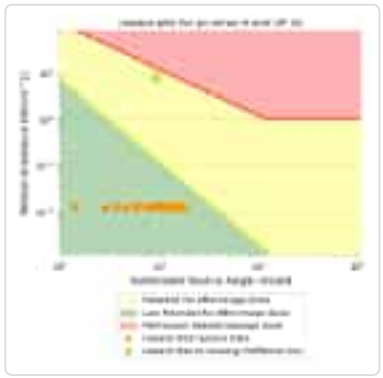
PV array 9: OP 62

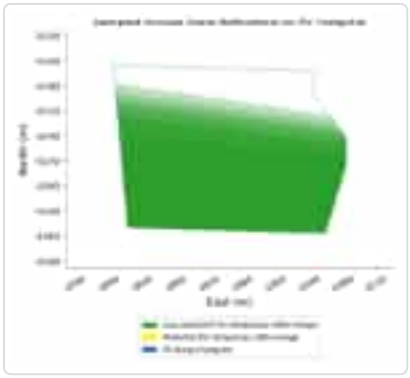
PV array is expected to produce the following glare for this receptor:

- 43 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





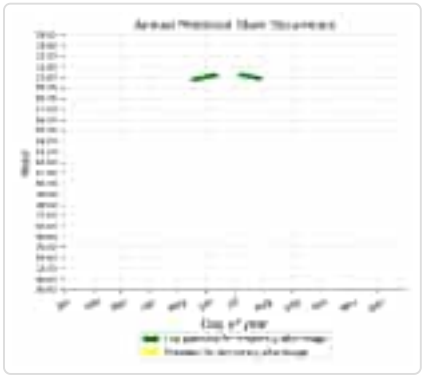


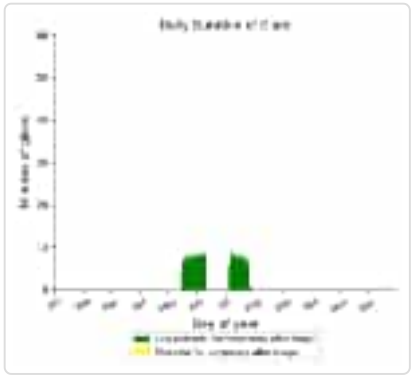


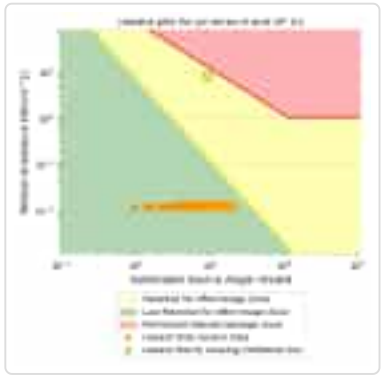
PV array 9: OP 63

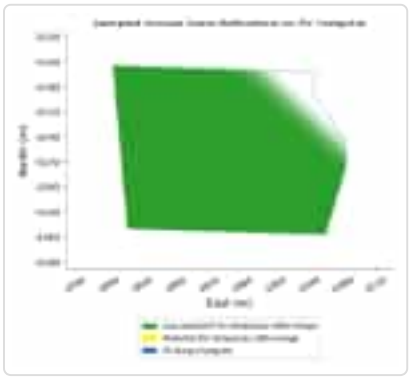
PV array is expected to produce the following glare for this receptor:

- 370 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





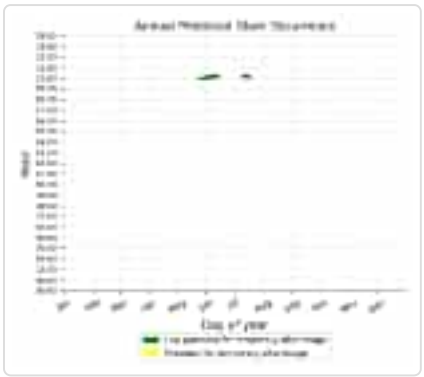


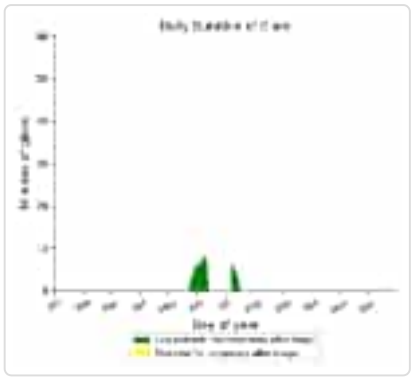


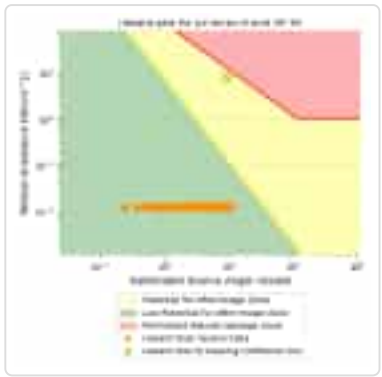
PV array 9: OP 64

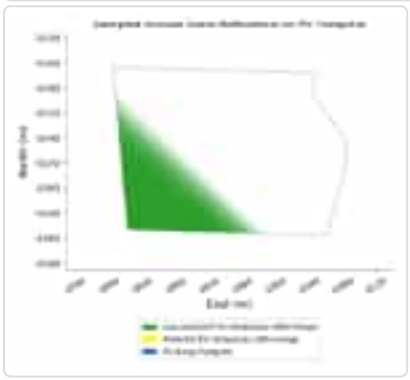
PV array is expected to produce the following glare for this receptor:

- 152 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 65

No glare found

PV array 9: OP 66

No glare found

PV array 9: OP 67

No glare found

PV array 9: OP 68

No glare found

PV array 9: OP 69

No glare found

PV array 9: OP 70

No glare found

PV array 9: OP 71

No glare found

PV array 9: OP 72

No glare found

PV array 9: OP 73

No glare found

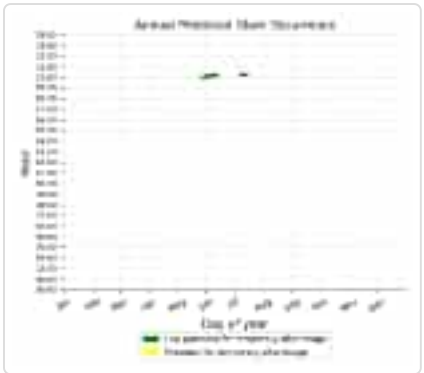
PV array 9: OP 74

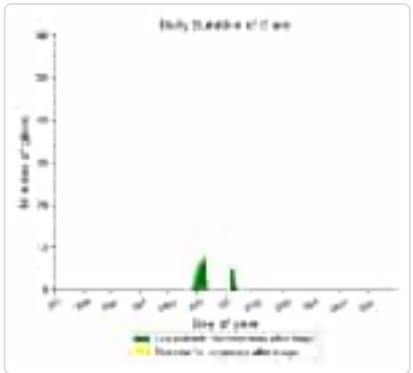
No glare found

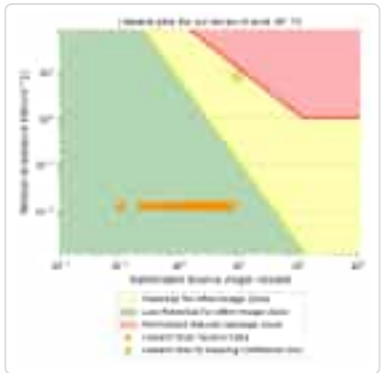
PV array 9: OP 75

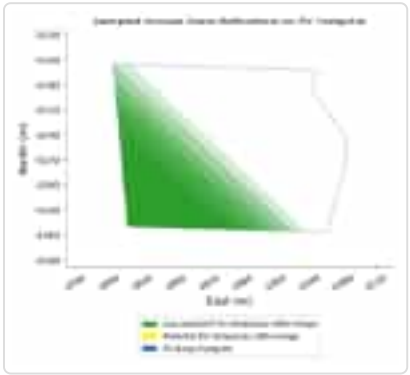
PV array is expected to produce the following glare for this receptor:

- 111 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





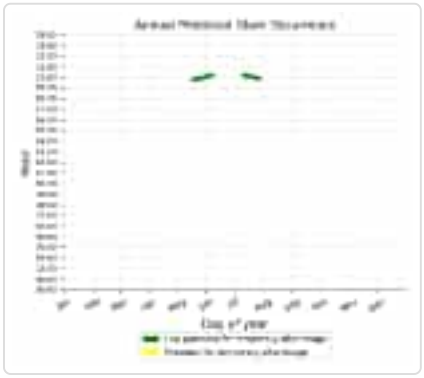


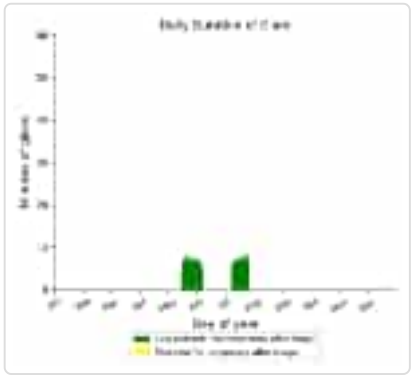


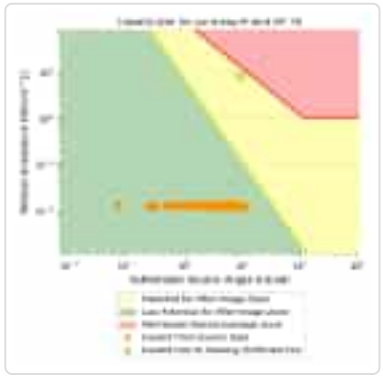
PV array 9: OP 76

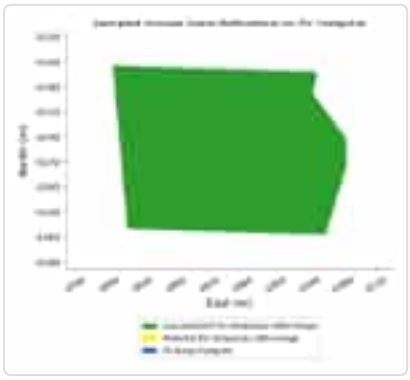
PV array is expected to produce the following glare for this receptor:

- 293 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.





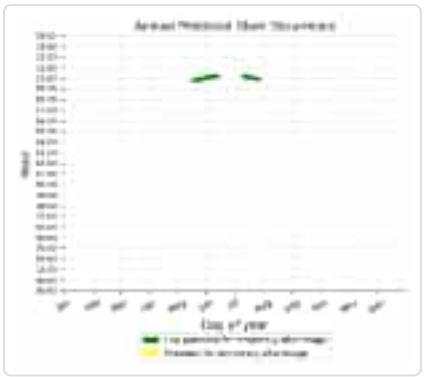


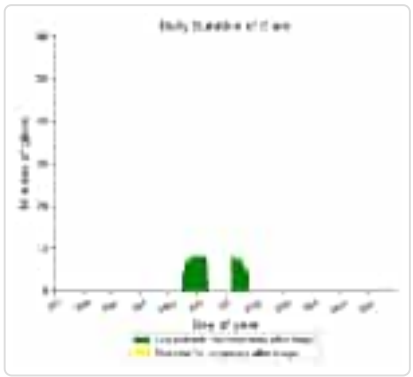


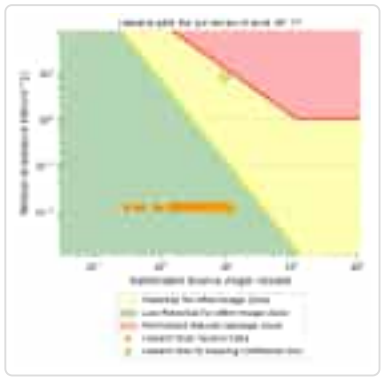
PV array 9: OP 77

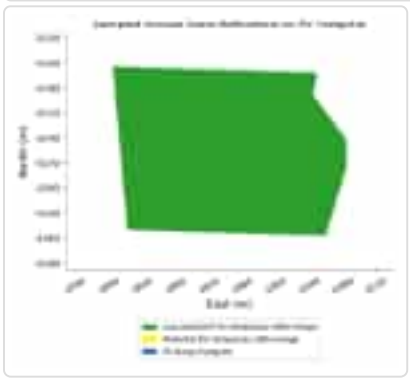
PV array is expected to produce the following glare for this receptor:

- 324 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 9: OP 78

No glare found

PV array 9: OP 79

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Fosse Green Solar Farm

Fosse Green SF Aviation 5 Degrees

Created Jan 11, 2024
Updated Sep 04, 2024
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 109532.18719

Project type Advanced
Project status: active
Category 10 MW to 100 MW

Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
PV array 1	5.0	180.0	9,305	102	-
PV array 10	5.0	180.0	17,742	25,066	-
PV array 11	5.0	180.0	33,826	22,856	-
PV array 12	5.0	180.0	2,638	0	-
PV array 13	5.0	180.0	21,068	2,928	-
PV array 14	5.0	180.0	9,021	6,072	-
PV array 15	5.0	180.0	2,568	213	-
PV array 2	5.0	180.0	14,449	0	-
PV array 3	5.0	180.0	9,709	421	-
PV array 4	5.0	180.0	14,592	1,729	-
PV array 5	5.0	180.0	17,250	15,576	-
PV array 6	5.0	180.0	11,122	1,360	-
PV array 7	5.0	180.0	9,625	2,904	-
PV array 8	5.0	180.0	3,755	0	-
PV array 9	5.0	180.0	1,622	0	-

Component Data

PV Array(s)

Total PV footprint area: 5,150,111 m^2

Name: PV array 1
Footprint area: 534,233 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.173327	-0.683693	15.22	3.50	18.72
2	53.171796	-0.684143	15.03	3.50	18.53
3	53.171552	-0.683478	15.19	3.50	18.69
4	53.171127	-0.682985	15.98	3.50	19.48
5	53.169712	-0.681805	15.00	3.50	18.50
6	53.168092	-0.681418	16.50	3.50	20.00
7	53.167989	-0.682362	16.00	3.50	19.50
8	53.167616	-0.682427	15.86	3.50	19.36
9	53.166844	-0.682749	16.00	3.50	19.50
10	53.166574	-0.682985	16.00	3.50	19.50
11	53.166123	-0.682920	16.00	3.50	19.50
12	53.166394	-0.680345	17.00	3.50	20.50
13	53.166741	-0.680410	16.40	3.50	19.90
14	53.166831	-0.679530	17.48	3.50	20.98
15	53.167320	-0.679659	17.17	3.50	20.67
16	53.167564	-0.677277	20.64	3.50	24.14
17	53.166522	-0.676741	20.78	3.50	24.28
18	53.164593	-0.675024	20.02	3.50	23.52
19	53.163010	-0.673672	18.14	3.50	21.64
20	53.162869	-0.672857	19.04	3.50	22.54
21	53.163088	-0.672084	19.80	3.50	23.30
22	53.163679	-0.671333	23.18	3.50	26.68
23	53.165403	-0.672857	27.63	3.50	31.13
24	53.165648	-0.671870	30.61	3.50	34.11
25	53.166458	-0.671269	32.00	3.50	35.50
26	53.166857	-0.671569	31.99	3.50	35.49
27	53.167847	-0.667406	24.66	3.50	28.16
28	53.169468	-0.666720	25.10	3.50	28.60
29	53.169031	-0.668608	27.89	3.50	31.39
30	53.169198	-0.670067	30.98	3.50	34.48
31	53.169982	-0.673629	26.94	3.50	30.44
32	53.170246	-0.673758	26.58	3.50	30.08
33	53.171294	-0.673125	28.40	3.50	31.90
34	53.171745	-0.672299	30.82	3.50	34.32
35	53.172105	-0.674048	26.50	3.50	30.00
36	53.171674	-0.675957	22.65	3.50	26.15
37	53.171507	-0.677599	22.08	3.50	25.58
38	53.171629	-0.678414	22.99	3.50	26.49
39	53.171918	-0.678833	24.21	3.50	27.71
40	53.171809	-0.679283	22.62	3.50	26.12
41	53.171449	-0.679391	20.48	3.50	23.98
42	53.170838	-0.677985	18.51	3.50	22.01
43	53.170593	-0.678028	17.96	3.50	21.46
44	53.170606	-0.678200	17.83	3.50	21.33
45	53.171372	-0.679906	19.18	3.50	22.68
46	53.171249	-0.681719	17.42	3.50	20.92
47	53.171378	-0.681955	17.27	3.50	20.77
48	53.171333	-0.682395	16.56	3.50	20.06
49	53.171597	-0.682502	16.79	3.50	20.29
50	53.173384	-0.681622	18.75	3.50	22.25

Name: PV array 10
Footprint area: 185,320 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.150798	-0.633966	8.64	3.50	12.14
2	53.150219	-0.635436	8.34	3.50	11.84
3	53.150026	-0.636744	8.28	3.50	11.78
4	53.148983	-0.636744	9.89	3.50	13.39
5	53.148803	-0.636862	10.13	3.50	13.63
6	53.148829	-0.637045	9.76	3.50	13.26
7	53.147420	-0.637957	10.19	3.50	13.69
8	53.146461	-0.637796	10.65	3.50	14.15
9	53.146126	-0.637302	11.44	3.50	14.94
10	53.145875	-0.635146	9.74	3.50	13.24
11	53.145566	-0.635264	9.14	3.50	12.64
12	53.145451	-0.635843	9.42	3.50	12.92
13	53.145142	-0.635951	9.94	3.50	13.44
14	53.144987	-0.634910	11.54	3.50	15.04
15	53.144637	-0.634278	12.00	3.50	15.50
16	53.143968	-0.633344	12.41	3.50	15.91
17	53.144200	-0.633280	11.84	3.50	15.34
18	53.144953	-0.632754	9.97	3.50	13.47
19	53.145828	-0.631949	10.31	3.50	13.81
20	53.146497	-0.631509	11.15	3.50	14.65
21	53.147668	-0.633848	12.51	3.50	16.01
22	53.148395	-0.633344	12.81	3.50	16.31
23	53.148254	-0.632947	13.08	3.50	16.58
24	53.148910	-0.632035	13.05	3.50	16.55
25	53.149148	-0.632604	13.03	3.50	16.53
26	53.149631	-0.631853	12.49	3.50	15.99

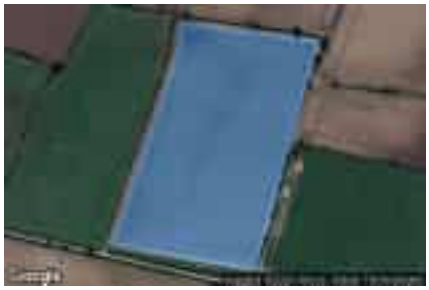
Name: PV array 11
Footprint area: 717,731 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.148506	-0.631749	13.14	3.50	16.64
2	53.147850	-0.632704	12.97	3.50	16.47
3	53.147683	-0.632715	12.37	3.50	15.87
4	53.146640	-0.630945	11.20	3.50	14.70
5	53.146396	-0.630848	12.22	3.50	15.72
6	53.145637	-0.631266	12.28	3.50	15.78
7	53.144343	-0.632565	11.04	3.50	14.54
8	53.142046	-0.627951	13.11	3.50	16.61
9	53.141524	-0.626084	12.34	3.50	15.84
10	53.138596	-0.627329	13.83	3.50	17.33
11	53.138454	-0.627232	13.48	3.50	16.98
12	53.137051	-0.628370	12.96	3.50	16.46
13	53.137154	-0.629056	13.21	3.50	16.71
14	53.135919	-0.628649	14.19	3.50	17.69
15	53.135771	-0.627640	12.78	3.50	16.28
16	53.134593	-0.628456	13.03	3.50	16.53
17	53.134464	-0.624700	12.77	3.50	16.27
18	53.134618	-0.624700	12.76	3.50	16.26
19	53.134631	-0.624990	12.76	3.50	16.26
20	53.135655	-0.624947	12.58	3.50	16.08
21	53.135758	-0.626331	11.86	3.50	15.36
22	53.136112	-0.626567	11.92	3.50	15.42
23	53.136549	-0.625162	10.74	3.50	14.24
24	53.136717	-0.625055	10.13	3.50	13.63
25	53.136652	-0.624636	10.38	3.50	13.88
26	53.137450	-0.624089	10.03	3.50	13.53
27	53.135830	-0.616790	7.11	3.50	10.61
28	53.136200	-0.615960	6.99	3.50	10.49
29	53.137240	-0.614930	7.15	3.50	10.65
30	53.137620	-0.615710	7.24	3.50	10.74
31	53.137860	-0.615550	7.38	3.50	10.88
32	53.137990	-0.614790	7.14	3.50	10.64
33	53.139105	-0.617426	7.93	3.50	11.43
34	53.139800	-0.619754	11.05	3.50	14.55
35	53.141717	-0.618682	9.38	3.50	12.88
36	53.142129	-0.620227	11.21	3.50	14.71
37	53.142007	-0.620323	10.80	3.50	14.30
38	53.142541	-0.622211	11.19	3.50	14.69
39	53.144034	-0.620784	11.76	3.50	15.26
40	53.144607	-0.623563	11.92	3.50	15.42
41	53.145591	-0.624582	12.63	3.50	16.13
42	53.145044	-0.625248	12.90	3.50	16.40
43	53.145077	-0.625666	12.28	3.50	15.78
44	53.146634	-0.628348	11.72	3.50	15.22
45	53.146808	-0.628220	12.16	3.50	15.66
46	53.148268	-0.630762	12.11	3.50	15.61
47	53.148101	-0.631030	11.92	3.50	15.42

Name: PV array 12
Footprint area: 73,115 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.136228	-0.613414	8.07	3.50	11.57
2	53.135854	-0.613478	8.46	3.50	11.96
3	53.133222	-0.614980	9.82	3.50	13.32
4	53.132887	-0.611772	10.64	3.50	14.14
5	53.135977	-0.610335	9.13	3.50	12.63

Name: PV array 13
Footprint area: 737,153 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.135585	-0.658160	11.48	3.50	14.98
2	53.136461	-0.665906	14.75	3.50	18.25
3	53.130642	-0.667945	14.56	3.50	18.06
4	53.130333	-0.666357	13.81	3.50	17.31
5	53.128440	-0.666872	14.86	3.50	18.36
6	53.128582	-0.668717	14.77	3.50	18.27
7	53.128273	-0.668782	14.57	3.50	18.07
8	53.128131	-0.667301	14.49	3.50	17.99
9	53.125730	-0.667666	13.07	3.50	16.57
10	53.125710	-0.667945	12.94	3.50	16.44
11	53.124455	-0.667505	13.19	3.50	16.69
12	53.124558	-0.666711	12.70	3.50	16.20
13	53.123380	-0.665788	11.31	3.50	14.81
14	53.123457	-0.665370	11.00	3.50	14.50
15	53.123122	-0.665220	12.04	3.50	15.54
16	53.123476	-0.663514	13.15	3.50	16.65
17	53.124365	-0.661776	13.29	3.50	16.79
18	53.124571	-0.660832	13.96	3.50	17.46
19	53.125067	-0.660220	13.10	3.50	16.60
20	53.126410	-0.656650	11.66	3.50	15.16
21	53.126650	-0.656260	11.38	3.50	14.88
22	53.126960	-0.656270	11.65	3.50	15.15
23	53.127180	-0.656070	12.25	3.50	15.75
24	53.127600	-0.659050	12.08	3.50	15.58
25	53.128790	-0.658920	13.52	3.50	17.02
26	53.129280	-0.661440	14.94	3.50	18.44
27	53.131090	-0.659840	14.90	3.50	18.40
28	53.131520	-0.659500	14.40	3.50	17.90
29	53.132320	-0.658860	12.70	3.50	16.20
30	53.133270	-0.657930	12.71	3.50	16.21
31	53.133345	-0.658664	11.01	3.50	14.51

Name: PV array 14
Footprint area: 209,668 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132660	-0.653180	10.42	3.50	13.92
2	53.132070	-0.653360	10.23	3.50	13.73
3	53.131511	-0.653075	11.28	3.50	14.78
4	53.130770	-0.652409	10.38	3.50	13.88
5	53.130352	-0.650049	9.94	3.50	13.44
6	53.130095	-0.649556	9.85	3.50	13.35
7	53.130275	-0.649255	10.71	3.50	14.21
8	53.132390	-0.648020	11.38	3.50	14.88
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38

18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38

Name: PV array 15
Footprint area: 78,226 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132772	-0.647378	9.94	3.50	13.44
2	53.130056	-0.648847	10.80	3.50	14.30
3	53.129882	-0.649255	9.89	3.50	13.39
4	53.129303	-0.648847	10.80	3.50	14.30
5	53.128942	-0.648858	10.87	3.50	14.37
6	53.128884	-0.648418	11.51	3.50	15.01
7	53.128311	-0.648386	11.43	3.50	14.93
8	53.128105	-0.646884	11.40	3.50	14.90
9	53.130622	-0.645758	10.83	3.50	14.33
10	53.130700	-0.646122	11.65	3.50	15.15
11	53.131298	-0.645768	10.18	3.50	13.68
12	53.132410	-0.645330	9.00	3.50	12.50

Name: PV array 2
Footprint area: 575,674 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.178640	-0.666110	19.41	3.50	22.91
2	53.177870	-0.669090	19.28	3.50	22.78
3	53.176523	-0.668029	19.69	3.50	23.19
4	53.174220	-0.666891	26.06	3.50	29.56
5	53.174465	-0.660669	17.80	3.50	21.30
6	53.172497	-0.660755	16.16	3.50	19.66
7	53.172510	-0.661355	17.14	3.50	20.64
8	53.172960	-0.661484	17.29	3.50	20.79
9	53.173230	-0.666677	24.28	3.50	27.78
10	53.172175	-0.666226	20.97	3.50	24.47
11	53.171823	-0.664919	19.69	3.50	23.19
12	53.171714	-0.664865	19.72	3.50	23.22
13	53.170968	-0.662526	18.08	3.50	21.58
14	53.170357	-0.661797	17.29	3.50	20.79
15	53.174293	-0.653523	13.69	3.50	17.19
16	53.178283	-0.655459	15.69	3.50	19.19
17	53.179363	-0.655588	13.41	3.50	16.91
18	53.178051	-0.662519	19.70	3.50	23.20
19	53.177884	-0.665737	19.63	3.50	23.13

Name: PV array 3
Footprint area: 679,840 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.162240	-0.675330	17.88	3.50	21.38
2	53.159340	-0.671810	16.96	3.50	20.46
3	53.159790	-0.670480	16.50	3.50	20.00
4	53.160860	-0.668250	17.83	3.50	21.33
5	53.160420	-0.666810	17.26	3.50	20.76
6	53.159450	-0.669110	15.52	3.50	19.02
7	53.159860	-0.669750	15.96	3.50	19.46
8	53.159140	-0.671710	16.90	3.50	20.40
9	53.158240	-0.670650	16.68	3.50	20.18
10	53.158390	-0.670070	16.02	3.50	19.52
11	53.157840	-0.668790	15.77	3.50	19.27
12	53.159770	-0.664130	19.42	3.50	22.92
13	53.159920	-0.664410	18.34	3.50	21.84
14	53.160980	-0.661830	24.57	3.50	28.07
15	53.161160	-0.662010	24.26	3.50	27.76
16	53.161290	-0.661640	25.79	3.50	29.29
17	53.161160	-0.661450	26.00	3.50	29.50
18	53.162190	-0.659350	26.37	3.50	29.87
19	53.162080	-0.658850	26.32	3.50	29.82
20	53.162650	-0.657690	27.46	3.50	30.96
21	53.165690	-0.658340	22.77	3.50	26.27
22	53.165920	-0.658980	21.27	3.50	24.77
23	53.166210	-0.659430	20.99	3.50	24.49
24	53.165960	-0.661020	21.23	3.50	24.73
25	53.167980	-0.662370	18.26	3.50	21.76
26	53.167650	-0.663320	18.23	3.50	21.73
27	53.167500	-0.667240	23.91	3.50	27.41
28	53.164620	-0.668620	26.56	3.50	30.06
29	53.164820	-0.669520	27.49	3.50	30.99
30	53.163160	-0.671190	20.73	3.50	24.23
31	53.162730	-0.672050	18.84	3.50	22.34
32	53.162570	-0.673160	18.39	3.50	21.89
33	53.162750	-0.673700	17.85	3.50	21.35
34	53.162650	-0.674340	17.02	3.50	20.52

Name: PV array 4
Footprint area: 539,031 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.172585	-0.642585	14.81	3.50	18.31
2	53.173512	-0.648335	13.73	3.50	17.23
3	53.168740	-0.657433	17.19	3.50	20.69
4	53.168530	-0.657412	16.94	3.50	20.44
5	53.168310	-0.657830	18.09	3.50	21.59
6	53.168300	-0.658730	18.04	3.50	21.54
7	53.168070	-0.658890	17.95	3.50	21.45
8	53.165850	-0.657640	21.97	3.50	25.47
8	53.165850	-0.657640	21.97	3.50	25.47
8	53.165850	-0.657640	21.97	3.50	25.47
8	53.165850	-0.657640	21.97	3.50	25.47
8	53.165850	-0.657640	21.97	3.50	25.47
8	53.165850	-0.657640	21.97	3.50	25.47
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
14	53.167520	-0.655510	17.58	3.50	21.08
15	53.167980	-0.655110	18.44	3.50	21.94
16	53.169113	-0.651554	16.06	3.50	19.56
17	53.169113	-0.651060	15.41	3.50	18.91
18	53.168032	-0.650867	15.63	3.50	19.13
19	53.167955	-0.651597	16.07	3.50	19.57
20	53.167337	-0.651232	15.83	3.50	19.33
21	53.166077	-0.651103	19.26	3.50	22.76
22	53.166115	-0.650481	18.68	3.50	22.18
23	53.165961	-0.650181	19.78	3.50	23.28
24	53.168251	-0.644537	17.16	3.50	20.66
25	53.168920	-0.644687	16.30	3.50	19.80
26	53.170129	-0.644408	16.57	3.50	20.07
27	53.171132	-0.643754	15.25	3.50	18.75
28	53.171151	-0.643400	15.23	3.50	18.73
29	53.172000	-0.642681	14.97	3.50	18.47

Name: PV array 5
Footprint area: 85,119 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.175987	-0.638261	17.17	3.50	20.67
2	53.175962	-0.637317	17.32	3.50	20.82
3	53.175704	-0.636180	15.99	3.50	19.49
4	53.172039	-0.635257	10.34	3.50	13.84
5	53.170855	-0.638197	11.33	3.50	14.83
6	53.174251	-0.638304	12.30	3.50	15.80

Name: PV array 6
Footprint area: 178,317 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.167678	-0.644140	17.52	3.50	21.02
2	53.165556	-0.649011	19.39	3.50	22.89
3	53.164810	-0.644784	20.41	3.50	23.91
4	53.165350	-0.641716	16.27	3.50	19.77
5	53.163562	-0.640986	20.48	3.50	23.98
6	53.161902	-0.640643	22.38	3.50	25.88
7	53.159226	-0.640385	15.78	3.50	19.28
8	53.159329	-0.638197	13.14	3.50	16.64
9	53.162726	-0.638883	20.72	3.50	24.22
10	53.164115	-0.639205	17.21	3.50	20.71
11	53.165183	-0.639763	14.44	3.50	17.94
12	53.165800	-0.640707	14.81	3.50	18.31
13	53.166366	-0.642209	16.10	3.50	19.60
14	53.166971	-0.643282	16.63	3.50	20.13

Name: PV array 7
Footprint area: 491,698 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.164655	-0.651071	23.57	3.50	27.07
2	53.164218	-0.652101	24.34	3.50	27.84
3	53.163588	-0.652015	24.43	3.50	27.93
4	53.163575	-0.652466	24.10	3.50	27.60
5	53.163883	-0.652809	24.86	3.50	28.36
6	53.162790	-0.655406	26.04	3.50	29.54
7	53.162404	-0.655148	26.50	3.50	30.00
8	53.162082	-0.655835	27.39	3.50	30.89
9	53.162263	-0.656543	27.11	3.50	30.61
10	53.161516	-0.658324	26.25	3.50	29.75
11	53.158776	-0.654054	22.55	3.50	26.05
12	53.156879	-0.652104	18.45	3.50	21.95
13	53.156840	-0.650806	17.85	3.50	21.35
14	53.156634	-0.650474	16.75	3.50	20.25
15	53.155412	-0.650935	12.99	3.50	16.49
16	53.155245	-0.650441	12.47	3.50	15.97
17	53.154428	-0.650484	11.62	3.50	15.12
18	53.152317	-0.650581	10.82	3.50	14.32
19	53.151545	-0.650656	11.68	3.50	15.18
20	53.151481	-0.651761	11.49	3.50	14.99
21	53.151159	-0.651729	12.56	3.50	16.06
22	53.151178	-0.650924	12.32	3.50	15.82
23	53.150863	-0.650624	12.97	3.50	16.47
24	53.149042	-0.650581	13.39	3.50	16.89
25	53.149113	-0.652083	14.82	3.50	18.32
26	53.147459	-0.652115	10.92	3.50	14.42
27	53.147762	-0.654604	14.65	3.50	18.15
28	53.146730	-0.654770	11.29	3.50	14.79
29	53.146710	-0.654450	10.79	3.50	14.29
30	53.146660	-0.653930	9.99	3.50	13.49
31	53.146560	-0.653210	9.32	3.50	12.82
32	53.146500	-0.652650	9.65	3.50	13.15
33	53.146620	-0.652540	9.69	3.50	13.19
34	53.146670	-0.652330	9.64	3.50	13.14
35	53.146500	-0.650990	8.94	3.50	12.44
36	53.146830	-0.651060	9.07	3.50	12.57
37	53.147220	-0.650840	9.43	3.50	12.93
38	53.147530	-0.650419	9.95	3.50	13.45
39	53.148058	-0.647824	10.34	3.50	13.84
40	53.149293	-0.647502	11.75	3.50	15.25
41	53.149364	-0.647008	11.40	3.50	14.90
42	53.149004	-0.645163	9.84	3.50	13.34
43	53.149068	-0.644702	10.07	3.50	13.57
44	53.149589	-0.644659	10.09	3.50	13.59
45	53.150246	-0.645152	10.47	3.50	13.97
46	53.150709	-0.646118	10.77	3.50	14.27
47	53.150861	-0.646854	11.55	3.50	15.05
48	53.152186	-0.646683	10.55	3.50	14.05
49	53.152302	-0.648378	10.85	3.50	14.35
50	53.152559	-0.648356	11.03	3.50	14.53
51	53.152650	-0.647820	11.33	3.50	14.83
52	53.152843	-0.647562	10.51	3.50	14.01
53	53.152984	-0.648185	10.54	3.50	14.04
54	53.153396	-0.648850	10.72	3.50	14.22
55	53.153821	-0.649000	11.70	3.50	15.20
56	53.153821	-0.647176	11.57	3.50	15.07
57	53.157030	-0.647114	18.62	3.50	22.12
58	53.157911	-0.650923	21.21	3.50	24.71
59	53.159526	-0.650773	24.30	3.50	27.80
60	53.159841	-0.651545	25.93	3.50	29.43
61	53.160478	-0.652318	28.32	3.50	31.82
62	53.160542	-0.654142	27.00	3.50	30.50
63	53.161668	-0.654152	28.25	3.50	31.75
64	53.162003	-0.653691	27.32	3.50	30.82

65	53.161359	-0.652489	27.84	3.50	31.34
66	53.161314	-0.650848	28.23	3.50	31.73

Name: PV array 8
Footprint area: 15,661 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.149067	-0.644094	9.24	3.50	12.74
2	53.149505	-0.644029	9.82	3.50	13.32
3	53.149878	-0.644094	9.57	3.50	13.07
4	53.150888	-0.643353	9.27	3.50	12.77
5	53.150521	-0.642002	8.25	3.50	11.75
6	53.149871	-0.642806	8.50	3.50	12.00
7	53.149472	-0.642796	8.80	3.50	12.30
8	53.149215	-0.643192	8.74	3.50	12.24
9	53.149022	-0.644072	9.17	3.50	12.67

Name: PV array 9
Footprint area: 49,327 m^2
Axis tracking: Fixed (no rotation)
Tilt: 5.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.144980	-0.656700	12.95	3.50	16.45
2	53.143230	-0.656440	10.07	3.50	13.57
3	53.143170	-0.652900	8.94	3.50	12.44
4	53.143890	-0.652530	9.13	3.50	12.63
5	53.144200	-0.652530	9.20	3.50	12.70
6	53.144680	-0.653130	9.45	3.50	12.95
7	53.144910	-0.653050	9.39	3.50	12.89

2-Mile Flight Path Receptor(s)

Name: Blackmoor Farm RWY 06
Description:
Threshold height : 15 m
Direction: 57.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.157891	-0.586288	5.71	15.24	20.95
2-mile point	53.142144	-0.626775	11.81	177.83	189.63

Name: Blackmoor Farm RWY 24
Description:
Threshold height : 15 m
Direction: 237.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.159609	-0.581964	5.72	15.24	20.96
2-mile point	53.175356	-0.541475	75.17	114.48	189.65

Name: Peacocks Farm RWY 06
Description:
Threshold height : 15 m
Direction: 61.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.149038	-0.627060	11.67	15.24	26.91
2-mile point	53.135021	-0.669274	16.19	179.41	195.60

Name: Peacocks Farm RWY 24
Description:
Threshold height : 15 m
Direction: 241.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.151006	-0.621028	9.12	15.24	24.36
2-mile point	53.165023	-0.578812	5.02	188.03	193.05

Name: RAF Waddington RWY 02
Description:
Threshold height : 15 m
Direction: 21.5 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.154359	-0.531665	69.35	15.24	84.59
2-mile point	53.127459	-0.549356	30.20	223.07	253.27

Name: RAF Waddington RWY 20
Description:
Threshold height : 15 m
Direction: 201.5 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.176943	-0.516706	66.70	15.24	81.94
2-mile point	53.203844	-0.499005	42.50	208.12	250.63

Name: South Hykeham RWY 10
Description:
Threshold height : 15 m
Direction: 104.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.172905	-0.608049	9.20	15.24	24.44
2-mile point	53.179900	-0.654907	13.65	179.48	193.13

Name: South Hykeham RWY 13
Description:
Threshold height : 15 m
Direction: 125.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.174410	-0.608746	7.86	15.24	23.10
2-mile point	53.190994	-0.648306	12.94	178.85	191.79

Name: South Hykeham RWY 28
Description:
Threshold height : 15 m
Direction: 284.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.171587	-0.600882	5.96	15.24	21.20
2-mile point	53.164592	-0.554026	24.07	165.82	189.89

Name: South Hykeham RWY 31
Description:
Threshold height : 15 m
Direction: 305.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.171413	-0.601032	5.63	15.24	20.87
2-mile point	53.154830	-0.561475	19.70	169.85	189.56

Name: South Scarle RW 28
Description:
Threshold height : 15 m
Direction: 282.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.158965	-0.722435	12.08	15.24	27.32
2-mile point	53.152954	-0.675213	16.89	179.11	196.00

Name: South Scarle RWY 10
Description:
Threshold height : 15 m
Direction: 102.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.159820	-0.729462	12.00	15.24	27.24
2-mile point	53.165832	-0.776685	7.31	188.62	195.92

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
1-ATCT	53.172167	-0.523800	69.28	10.00	79.28

1-ATCT map image

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
PV array 1	5.0	180.0	9,305	102	-	-
PV array 10	5.0	180.0	17,742	25,066	-	-
PV array 11	5.0	180.0	33,826	22,856	-	-
PV array 12	5.0	180.0	2,638	0	-	-
PV array 13	5.0	180.0	21,068	2,928	-	-
PV array 14	5.0	180.0	9,021	6,072	-	-
PV array 15	5.0	180.0	2,568	213	-	-
PV array 2	5.0	180.0	14,449	0	-	-
PV array 3	5.0	180.0	9,709	421	-	-
PV array 4	5.0	180.0	14,592	1,729	-	-
PV array 5	5.0	180.0	17,250	15,576	-	-
PV array 6	5.0	180.0	11,122	1,360	-	-
PV array 7	5.0	180.0	9,625	2,904	-	-
PV array 8	5.0	180.0	3,755	0	-	-
PV array 9	5.0	180.0	1,622	0	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
pv-array-1 (green)	0	0	805	1750	958	7	537	1696	1280	21	0	0
pv-array-1 (yellow)	0	0	0	51	0	0	0	51	0	0	0	0
pv-array-10 (green)	17	524	1074	1984	2471	2961	2606	2364	1078	855	60	0
pv-array-10 (yellow)	5	221	2630	3512	3822	3315	3770	3655	3143	689	23	0
pv-array-11 (green)	62	315	511	2185	3605	4504	4096	2681	714	470	112	0
pv-array-11 (yellow)	0	468	3265	3599	2705	1720	2267	3520	3739	1071	3	0
pv-array-12 (green)	0	243	862	129	0	0	0	0	777	462	0	0
pv-array-12 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-13 (green)	0	218	821	3769	3658	3130	3460	4213	1412	381	6	0
pv-array-13 (yellow)	0	3	1179	283	0	0	0	19	1275	169	0	0
pv-array-14 (green)	0	282	1078	2066	1028	0	467	2069	1553	363	8	0
pv-array-14 (yellow)	0	377	1866	797	0	0	0	404	1696	932	0	0
pv-array-15 (green)	0	430	833	0	0	0	0	0	404	859	0	0
pv-array-15 (yellow)	0	107	0	0	0	0	0	0	0	106	0	0
pv-array-2 (green)	0	82	485	1697	1067	0	599	1762	897	84	0	0
pv-array-2 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-3 (green)	0	128	1193	1050	327	0	96	845	1463	299	0	0
pv-array-3 (yellow)	0	0	0	30	3	0	0	30	0	0	0	0
pv-array-4 (green)	609	142	838	1046	235	0	81	832	1103	245	231	1606
pv-array-4 (yellow)	0	0	84	164	87	0	97	72	170	0	0	0
pv-array-5 (green)	262	3773	533	1655	800	40	568	1587	597	3712	556	57
pv-array-5 (yellow)	4338	2037	0	0	0	0	0	0	0	990	4280	3931
pv-array-6 (green)	0	154	1156	821	68	0	40	451	1396	318	4	0
pv-array-6 (yellow)	0	0	0	41	419	0	169	291	0	0	0	0
pv-array-7 (green)	0	288	1372	281	168	0	56	282	1136	635	2	0
pv-array-7 (yellow)	0	0	0	235	240	0	90	393	0	0	0	0
pv-array-8 (green)	0	238	680	0	0	0	0	0	379	532	0	0
pv-array-8 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-9 (green)	0	292	269	0	0	0	0	0	77	472	9	0
pv-array-9 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

PV array 1 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	704	0
FP: Peacocks Farm RWY 06	0	0
FP: Peacocks Farm RWY 24	2437	0
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	0	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	785	0
FP: South Hykeham RWY 31	1244	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	4135	102
OP: 1-ATCT	0	0

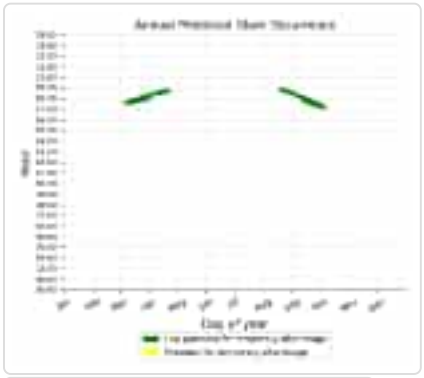
PV array 1: Blackmoor Farm RWY 06

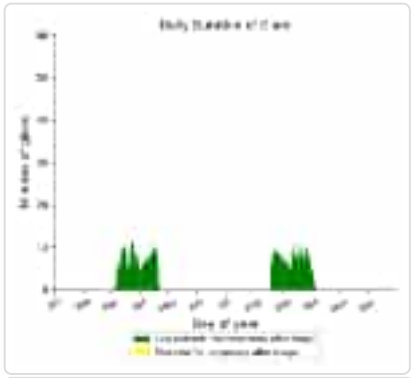
No glare found

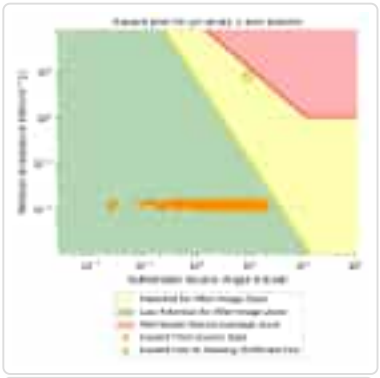
PV array 1: Blackmoor Farm RWY 24

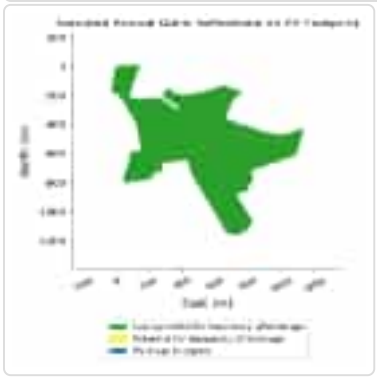
PV array is expected to produce the following glare for this receptor:

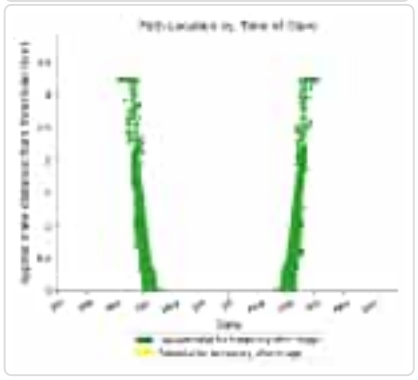
- 704 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

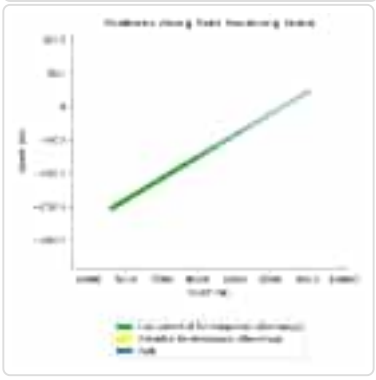












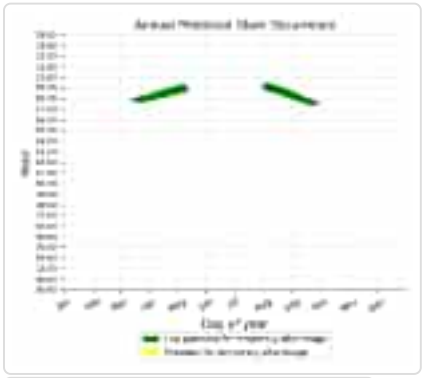
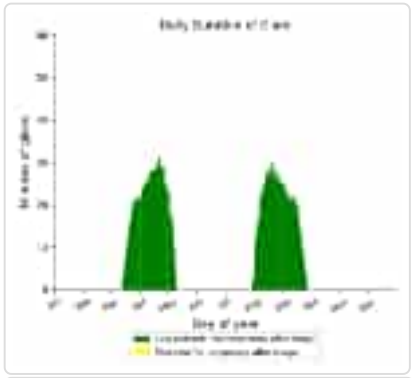
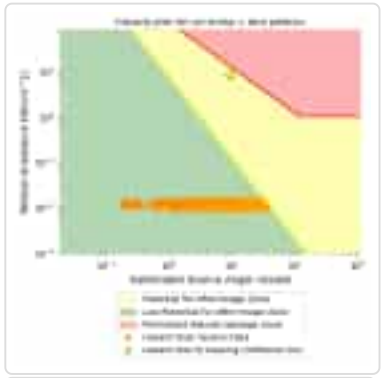
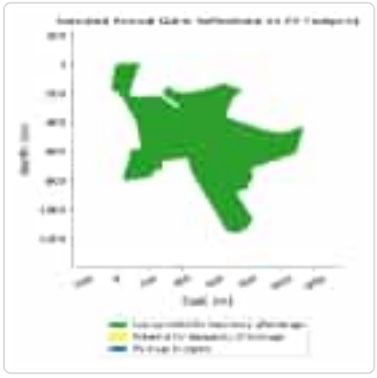
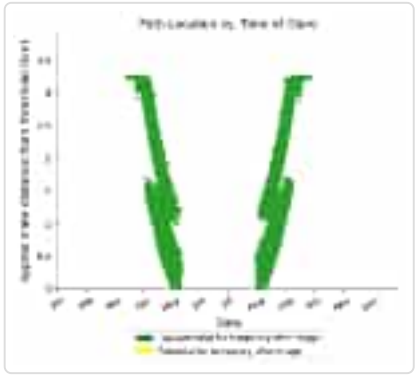
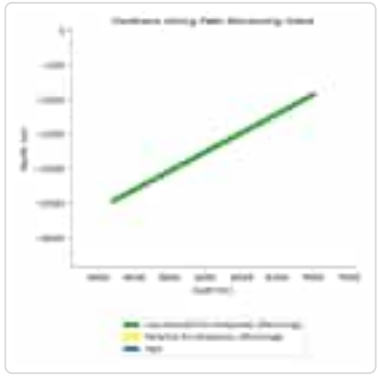
PV array 1: Peacocks Farm RWY 06

No glare found

PV array 1: Peacocks Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 2,437 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 1: RAF Waddington RWY 02

No glare found

PV array 1: RAF Waddington RWY 20

No glare found

PV array 1: South Hykeham RWY 10

No glare found

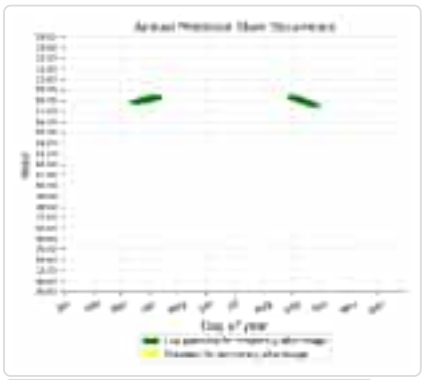
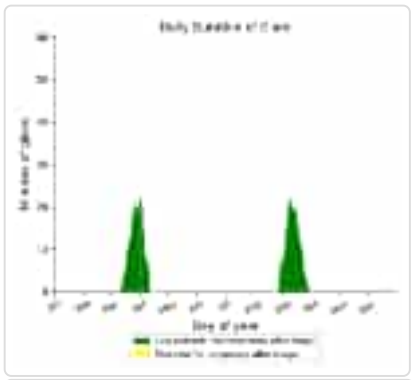
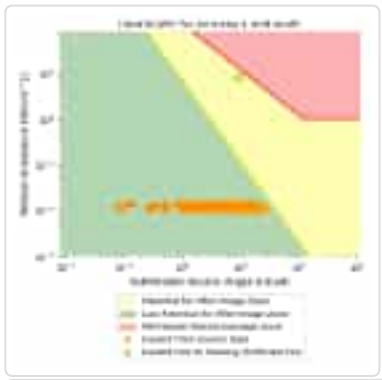
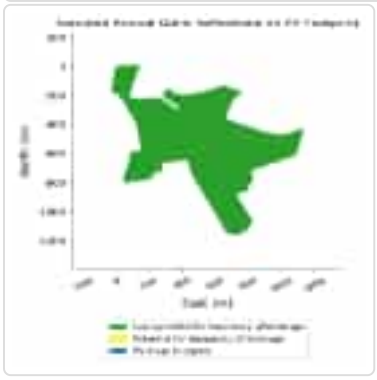
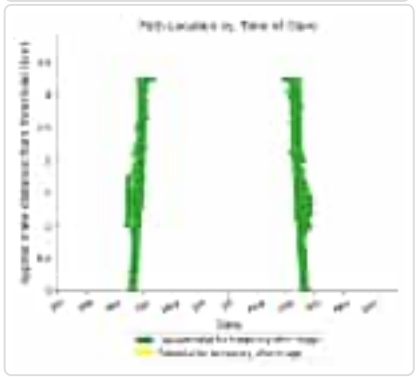
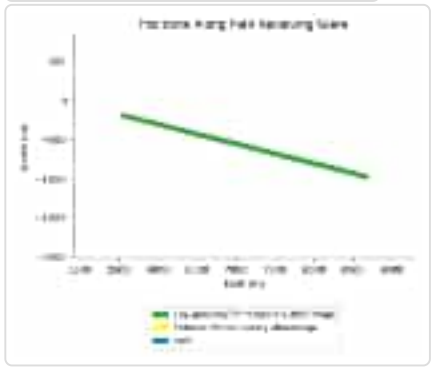
PV array 1: South Hykeham RWY 13

No glare found

PV array 1: South Hykeham RWY 28

PV array is expected to produce the following glare for this receptor:

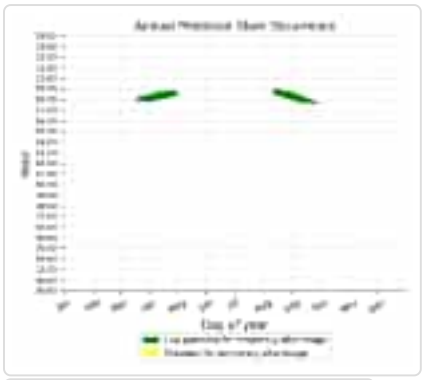
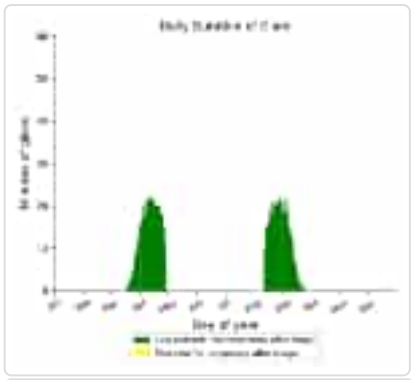
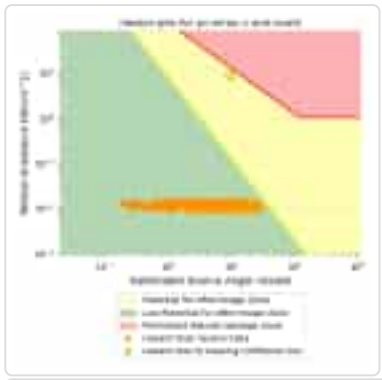
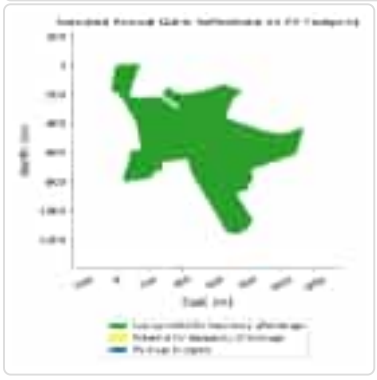
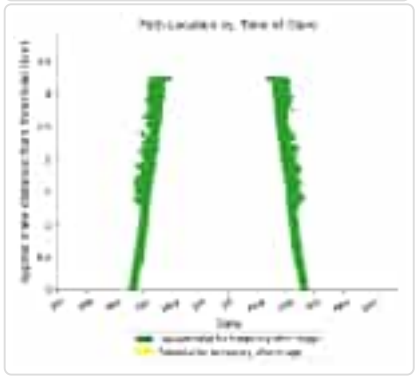
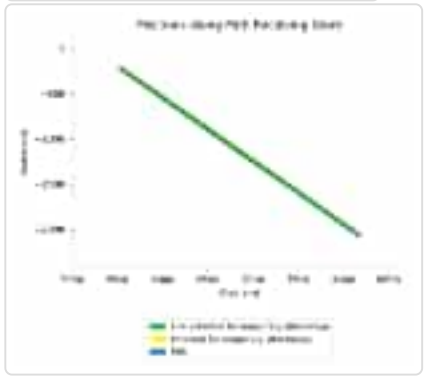
- 785 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 1: South Hykeham RWY 31

PV array is expected to produce the following glare for this receptor:

- 1,244 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

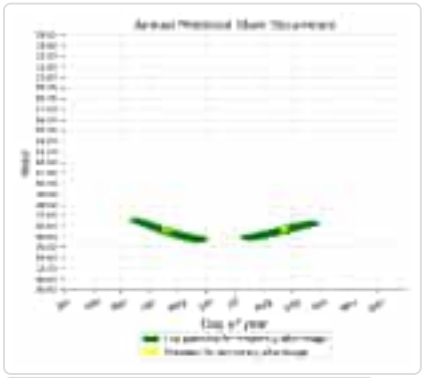
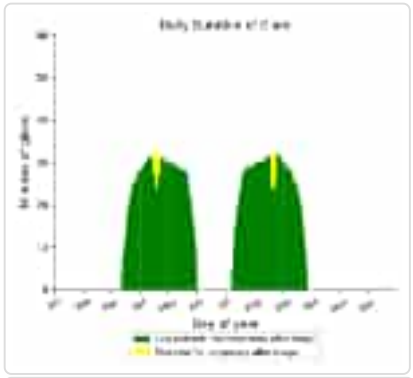
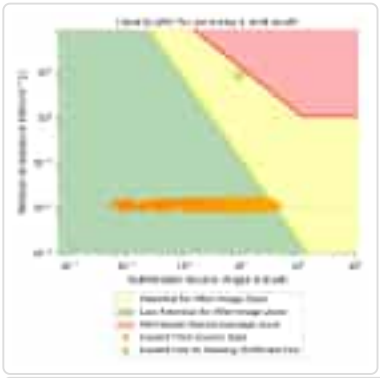
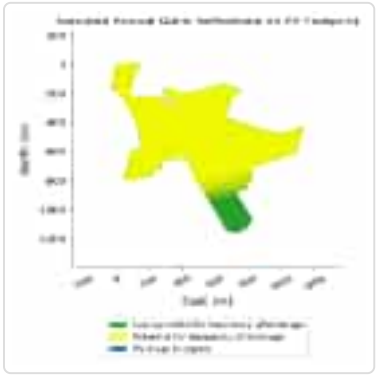
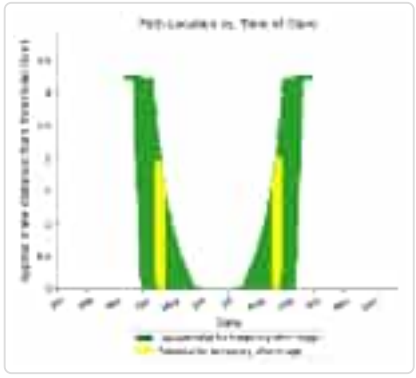
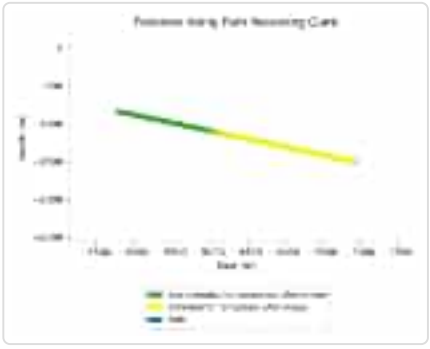
PV array 1: South Scarle RW 28

No glare found

PV array 1: South Scarle RWY 10

PV array is expected to produce the following glare for this receptor:

- 4,135 minutes of "green" glare with low potential to cause temporary after-image.
- 102 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 1: 1-ATCT

No glare found

PV array 10 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	249	0
FP: Peacocks Farm RWY 06	13766	24739
FP: Peacocks Farm RWY 24	1468	327
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	35	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	553	0
FP: South Hykeham RWY 31	1199	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	472	0
OP: 1-ATCT	0	0

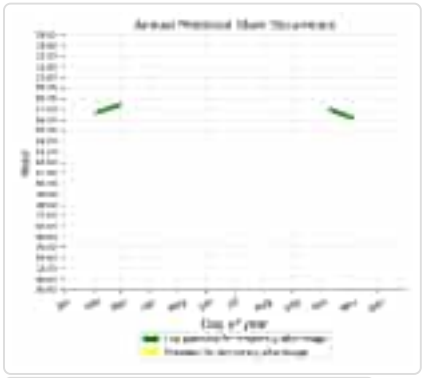
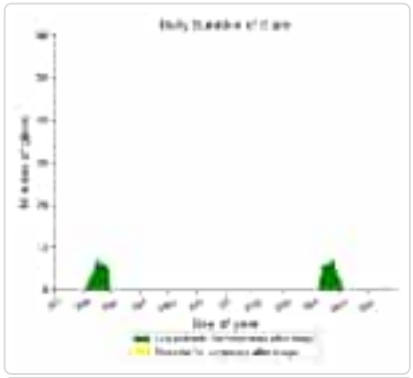
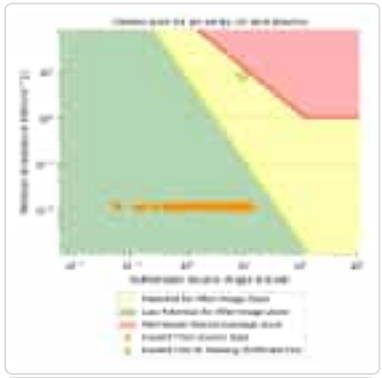
PV array 10: Blackmoor Farm RWY 06

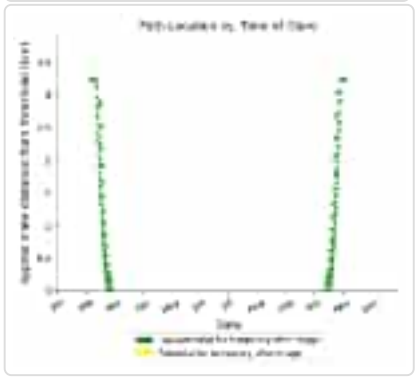
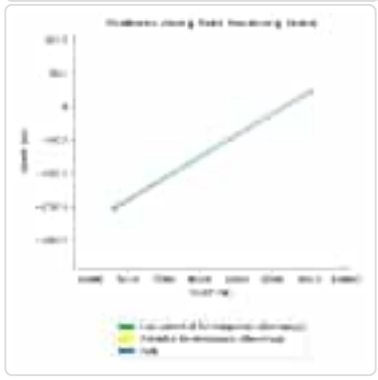
No glare found

PV array 10: Blackmoor Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 249 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

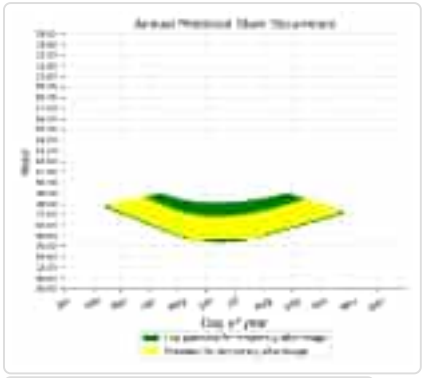
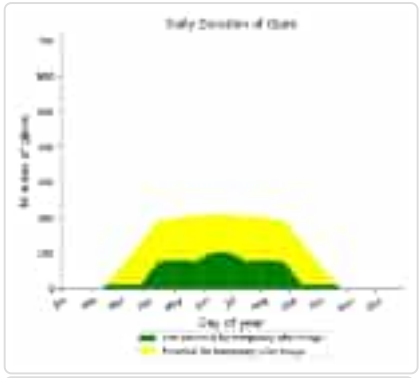
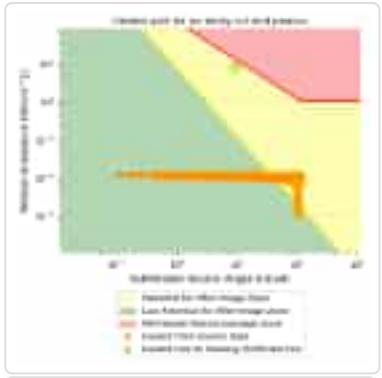
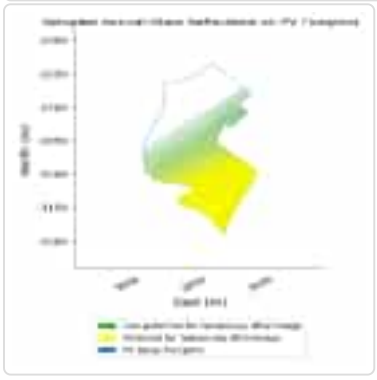
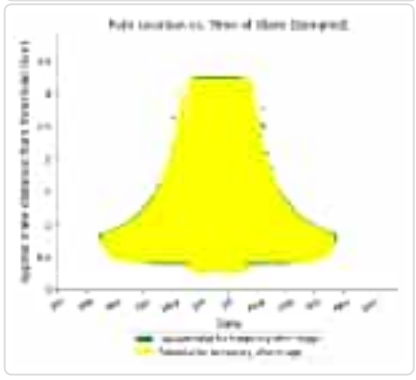
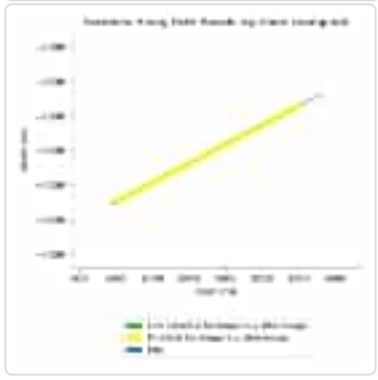




PV array 10: Peacocks Farm RWY 06

PV array is expected to produce the following glare for this receptor:

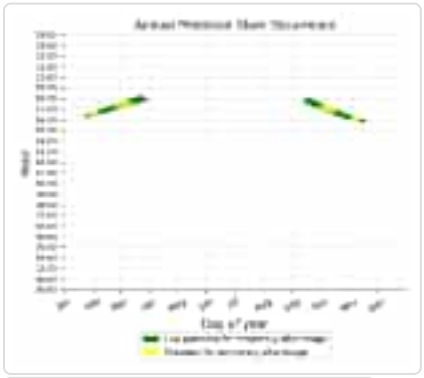
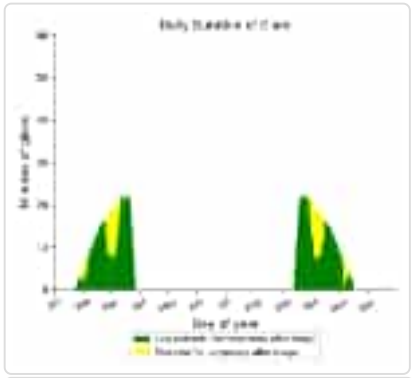
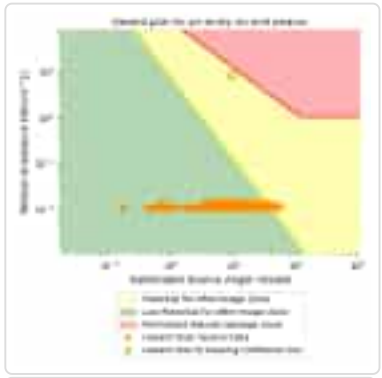
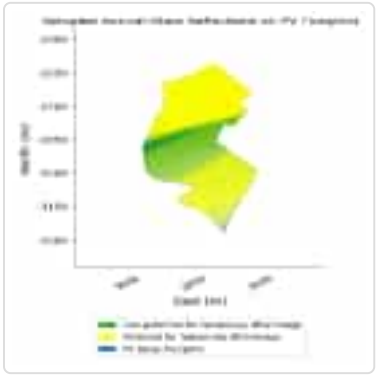
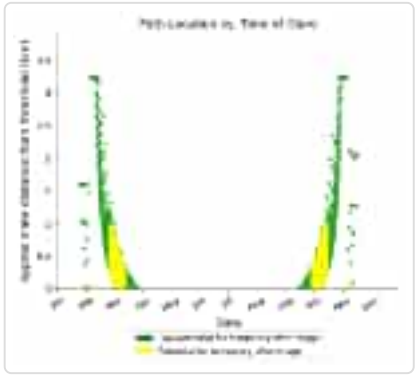
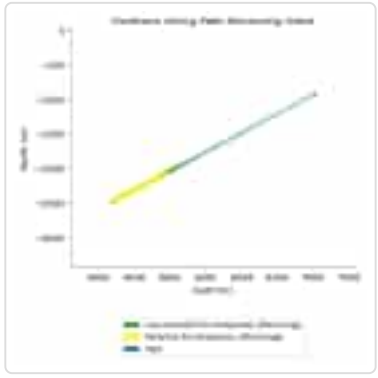
- 13,766 minutes of "green" glare with low potential to cause temporary after-image.
- 24,739 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 10: Peacocks Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 1,468 minutes of "green" glare with low potential to cause temporary after-image.
- 327 minutes of "yellow" glare with potential to cause temporary after-image.

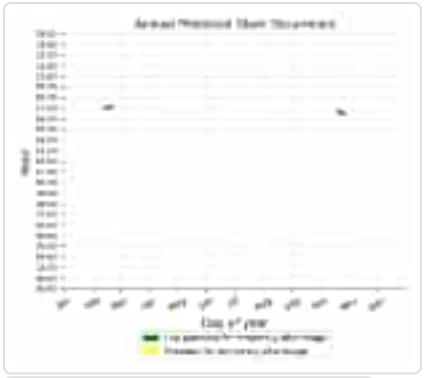
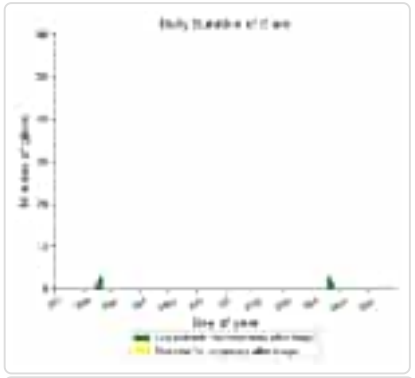
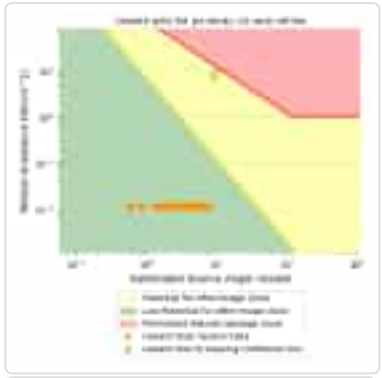
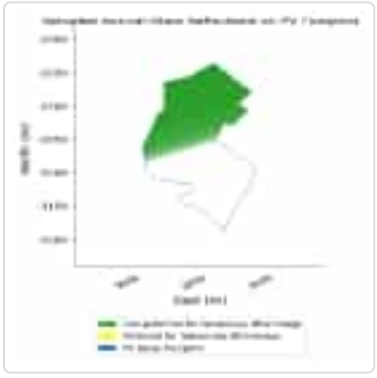
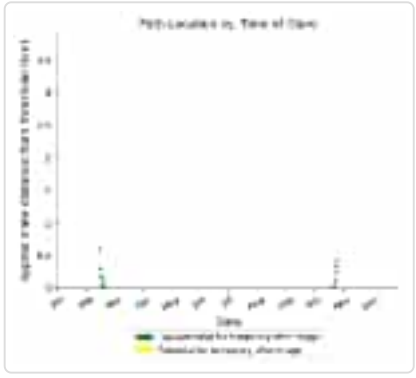
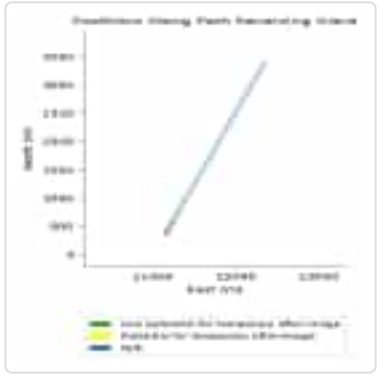
PV array 10: RAF Waddington RWY 02

No glare found

PV array 10: RAF Waddington RWY 20

PV array is expected to produce the following glare for this receptor:

- 35 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 10: South Hykeham RWY 10

No glare found

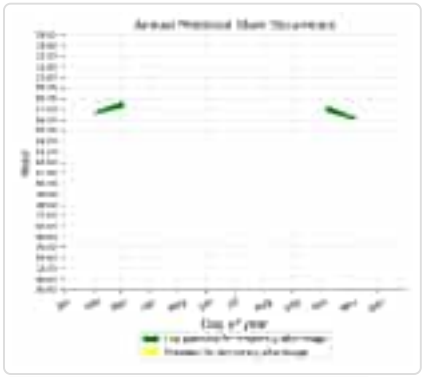
PV array 10: South Hykeham RWY 13

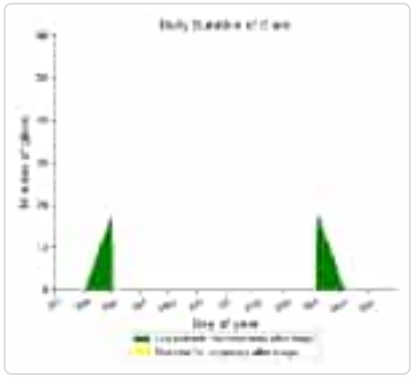
No glare found

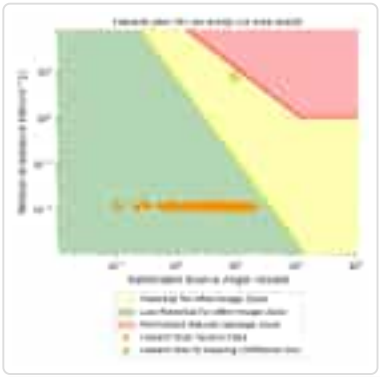
PV array 10: South Hykeham RWY 28

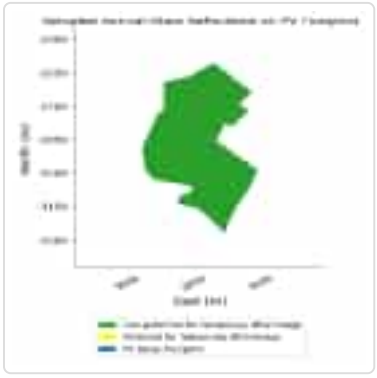
PV array is expected to produce the following glare for this receptor:

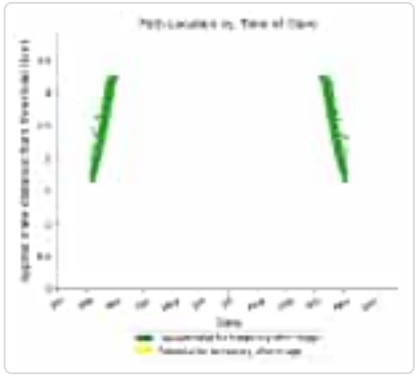
- 553 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

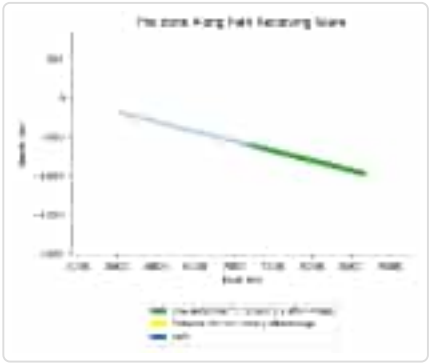








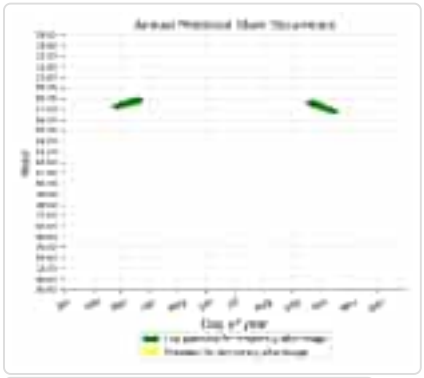
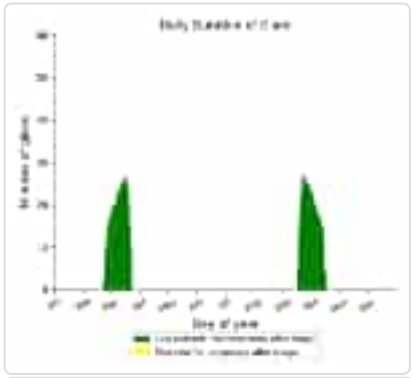
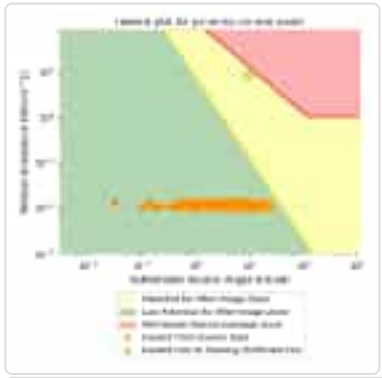
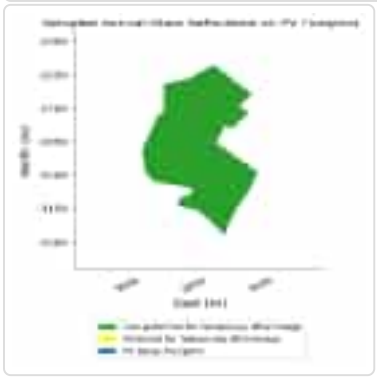
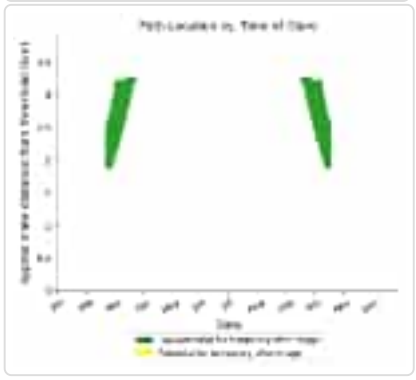
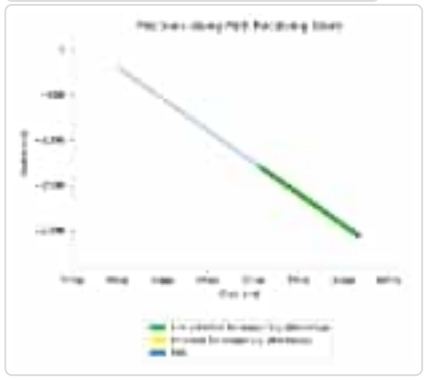




PV array 10: South Hykeham RWY 31

PV array is expected to produce the following glare for this receptor:

- 1,199 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

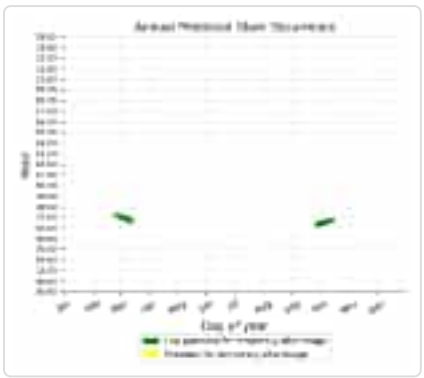
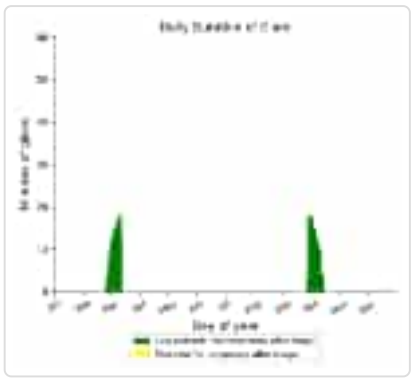
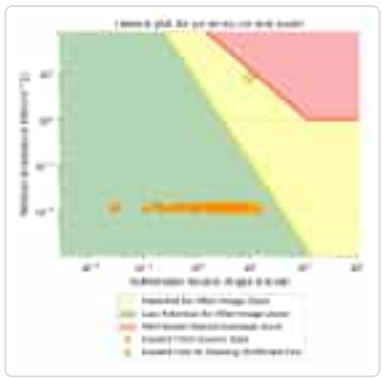
PV array 10: South Scarle RW 28

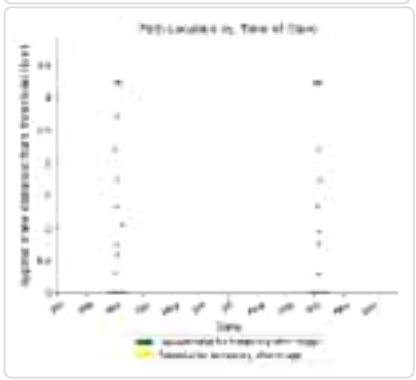
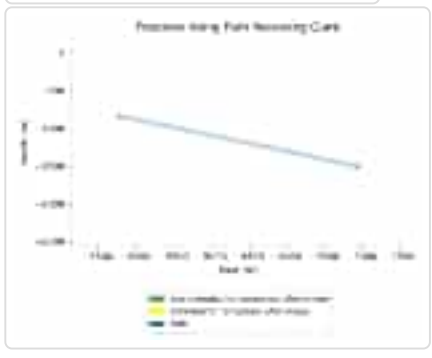
No glare found

PV array 10: South Scarle RWY 10

PV array is expected to produce the following glare for this receptor:

- 472 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 10: 1-ATCT

No glare found

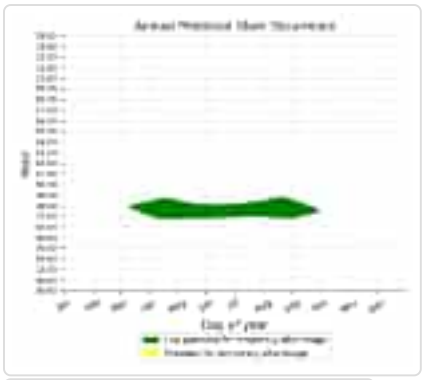
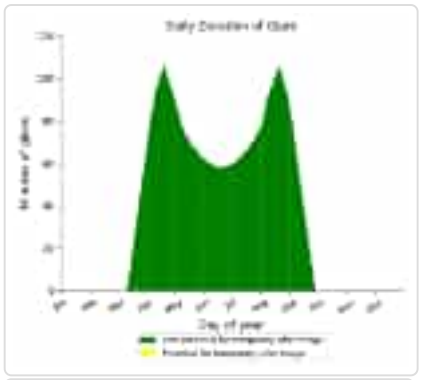
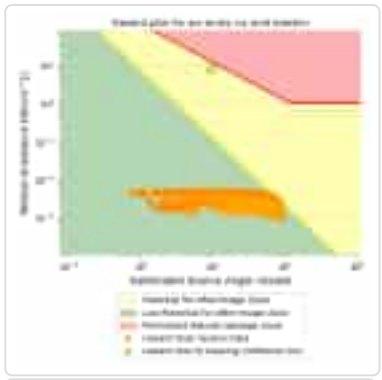
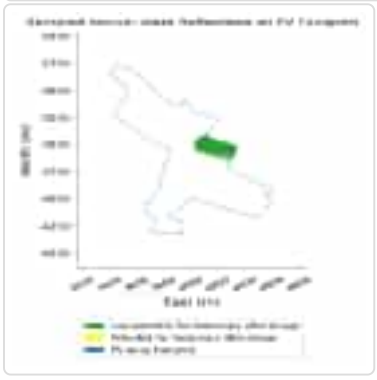
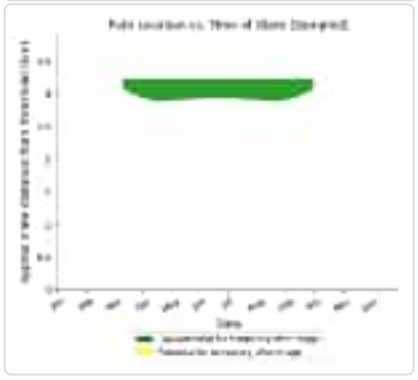
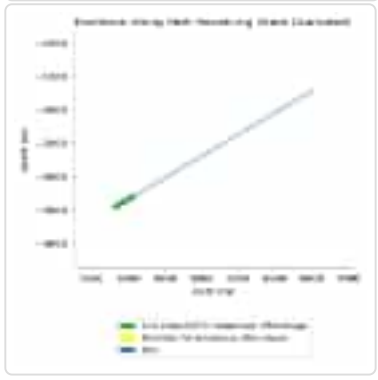
PV array 11 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	13737	0
FP: Blackmoor Farm RWY 24	35	0
FP: Peacocks Farm RWY 06	17770	22837
FP: Peacocks Farm RWY 24	389	19
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	0	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	470	0
FP: South Hykeham RWY 31	941	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	484	0
OP: 1-ATCT	0	0

PV array 11: Blackmoor Farm RWY 06

PV array is expected to produce the following glare for this receptor:

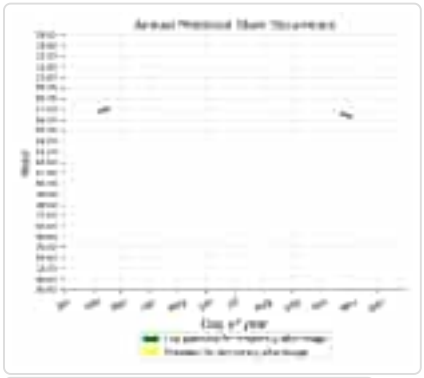
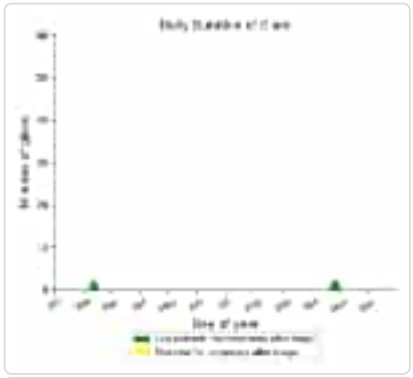
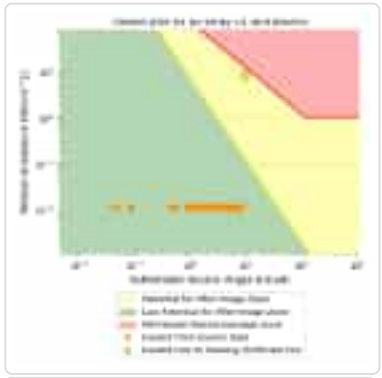
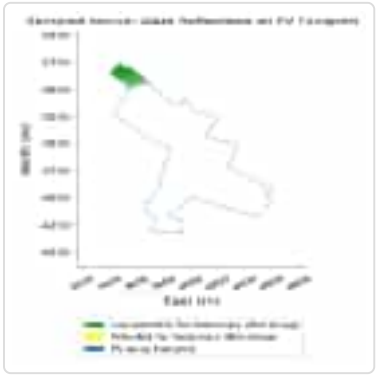
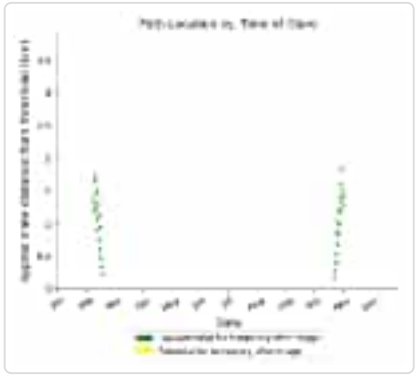
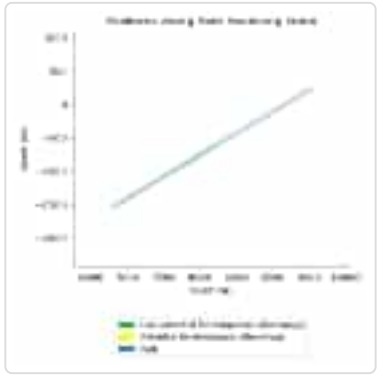
- 13,737 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 11: Blackmoor Farm RWY 24

PV array is expected to produce the following glare for this receptor:

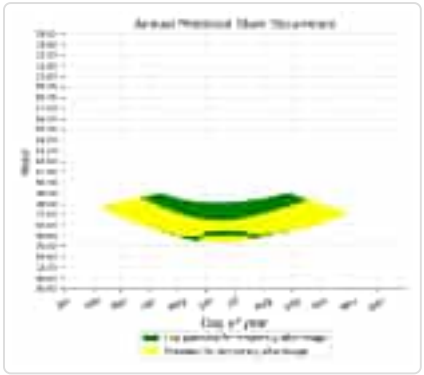
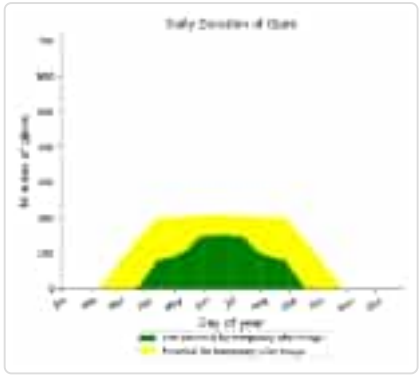
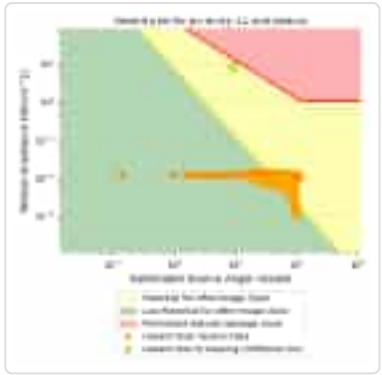
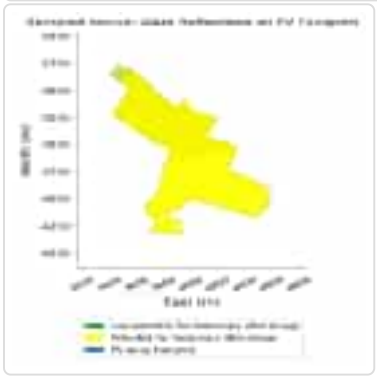
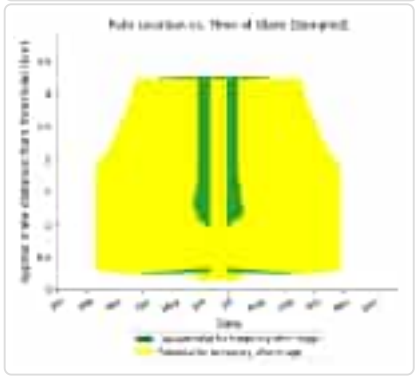
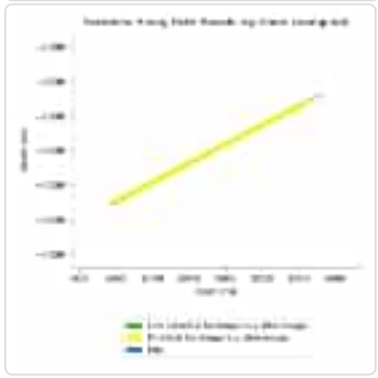
- 35 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 11: Peacocks Farm RWY 06

PV array is expected to produce the following glare for this receptor:

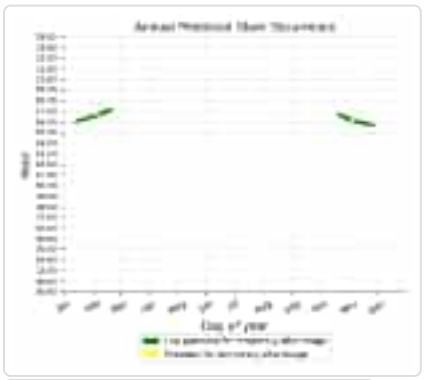
- 17,770 minutes of "green" glare with low potential to cause temporary after-image.
- 22,837 minutes of "yellow" glare with potential to cause temporary after-image.

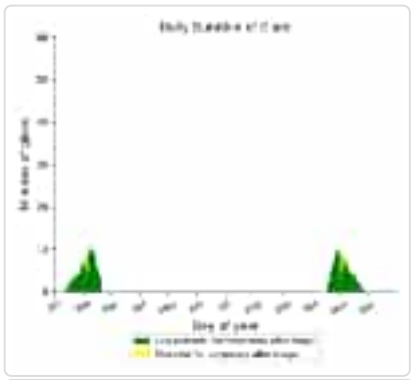







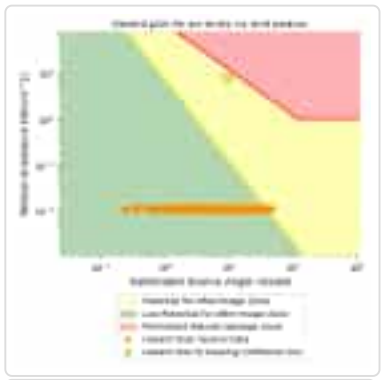
PV array 11: Peacocks Farm RWY 24

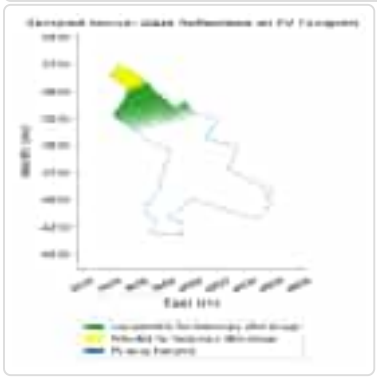
PV array is expected to produce the following glare for this receptor:

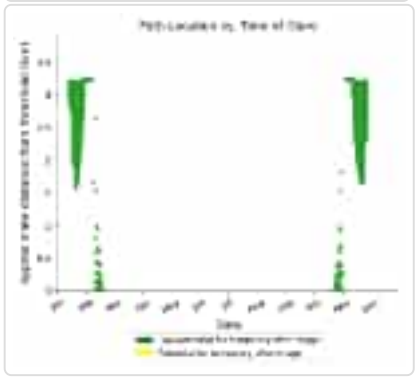
- 389 minutes of "green" glare with low potential to cause temporary after-image.
- 19 minutes of "yellow" glare with potential to cause temporary after-image.

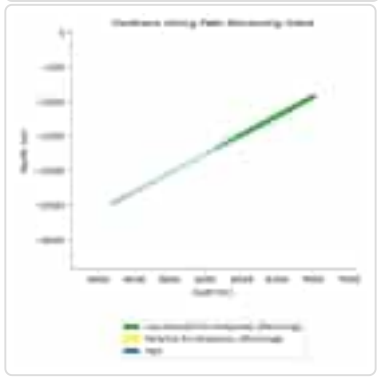












PV array 11: RAF Waddington RWY 02

No glare found

PV array 11: RAF Waddington RWY 20

No glare found

PV array 11: South Hykeham RWY 10

No glare found

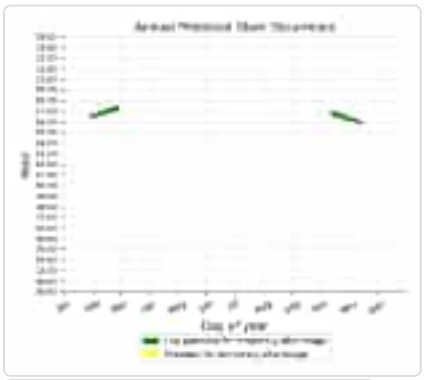
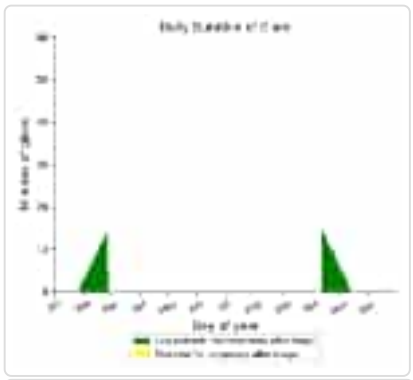
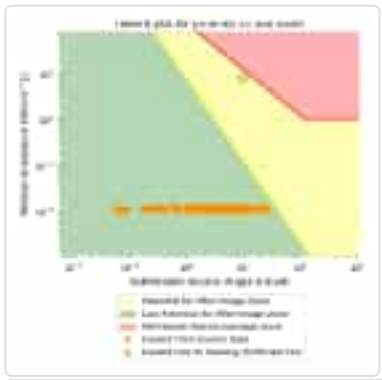
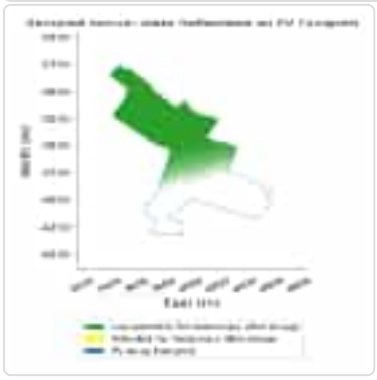
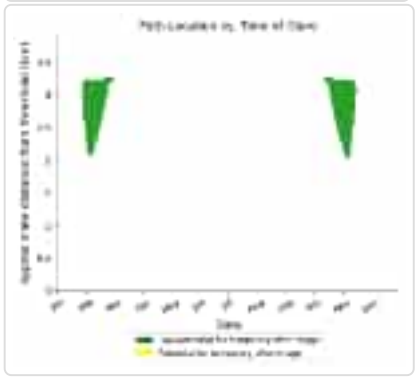
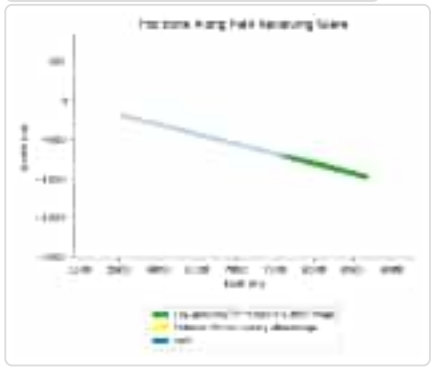
PV array 11: South Hykeham RWY 13

No glare found

PV array 11: South Hykeham RWY 28

PV array is expected to produce the following glare for this receptor:

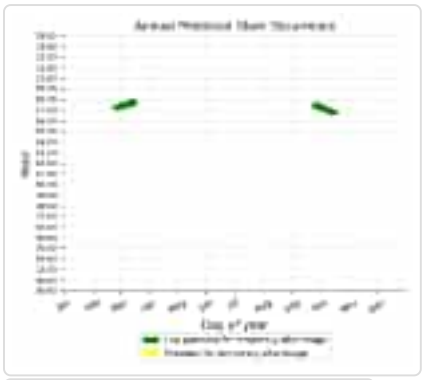
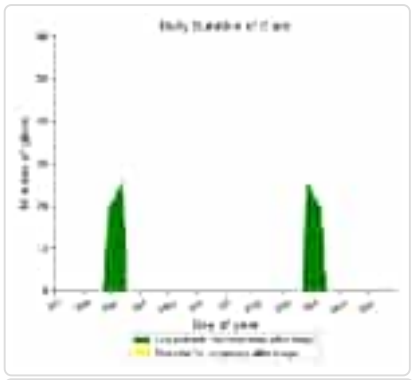
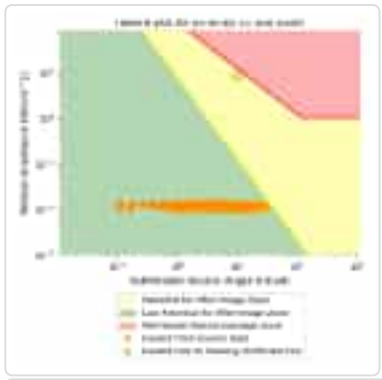
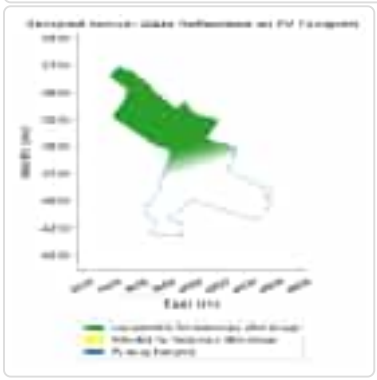
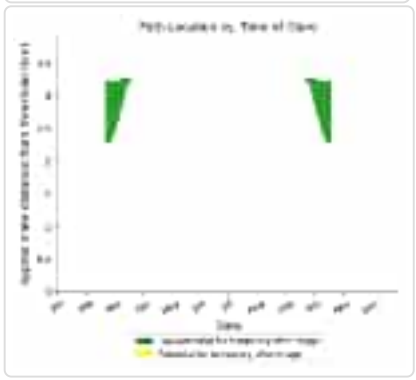
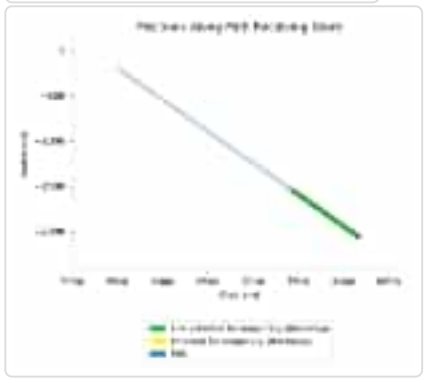
- 470 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 11: South Hykeham RWY 31

PV array is expected to produce the following glare for this receptor:

- 941 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

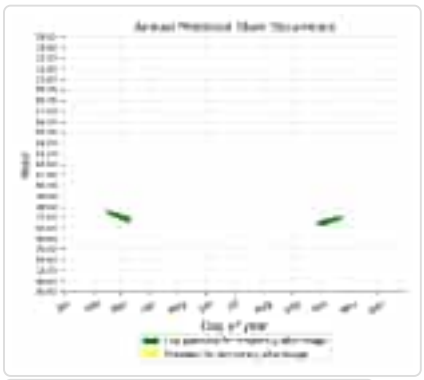
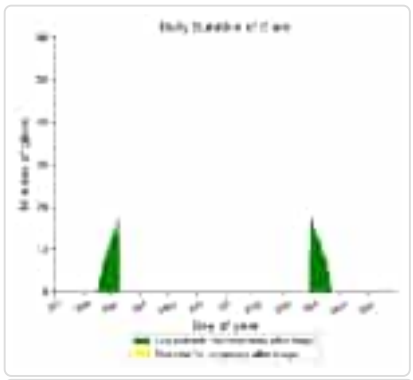
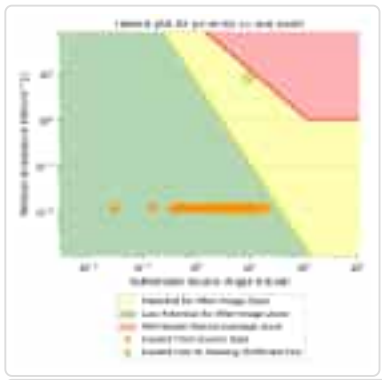
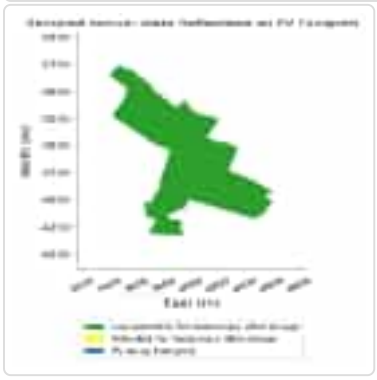
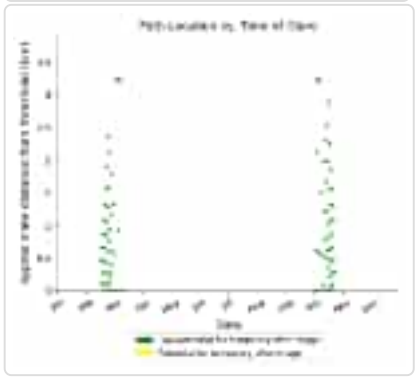
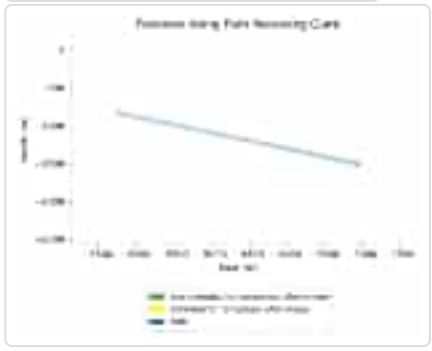
PV array 11: South Scarle RW 28

No glare found

PV array 11: South Scarle RWY 10

PV array is expected to produce the following glare for this receptor:

- 484 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 11: 1-ATCT

No glare found

PV array 12 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	0	0
FP: Peacocks Farm RWY 06	2473	0
FP: Peacocks Farm RWY 24	0	0
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	0	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	0	0
FP: South Hykeham RWY 31	0	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	165	0
OP: 1-ATCT	0	0

PV array 12: Blackmoor Farm RWY 06

No glare found

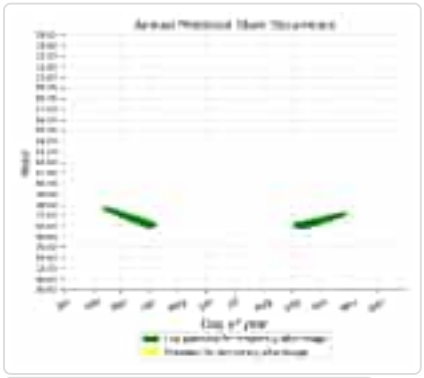
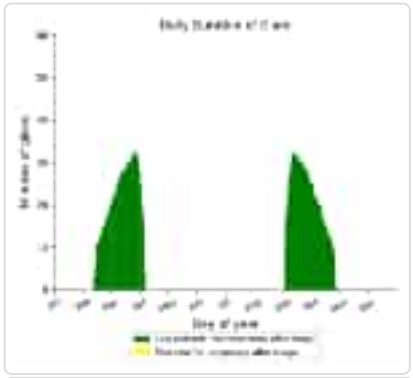
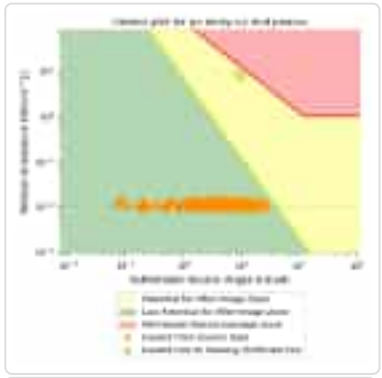
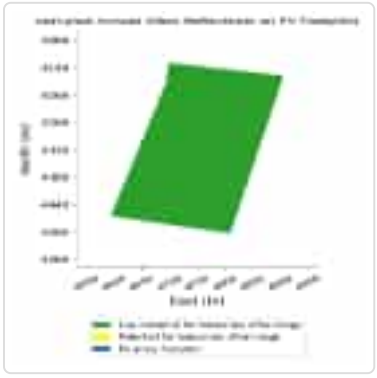
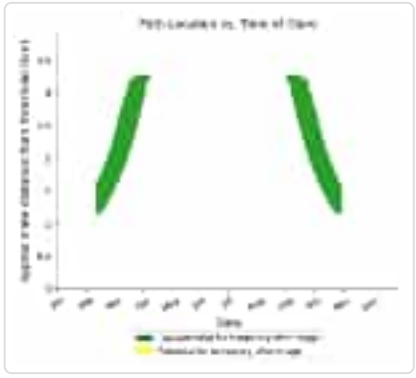
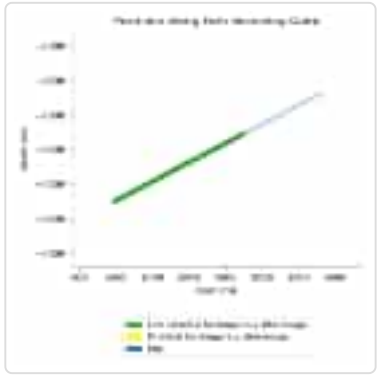
PV array 12: Blackmoor Farm RWY 24

No glare found

PV array 12: Peacocks Farm RWY 06

PV array is expected to produce the following glare for this receptor:

- 2,473 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 12: Peacocks Farm RWY 24

No glare found

PV array 12: RAF Waddington RWY 02

No glare found

PV array 12: RAF Waddington RWY 20

No glare found

PV array 12: South Hykeham RWY 10

No glare found

PV array 12: South Hykeham RWY 13

No glare found

PV array 12: South Hykeham RWY 28

No glare found

PV array 12: South Hykeham RWY 31

No glare found

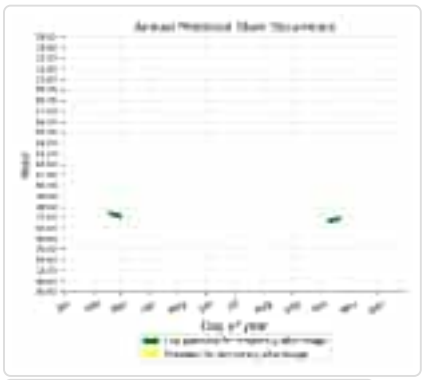
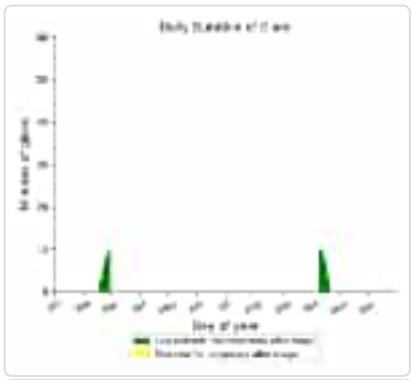
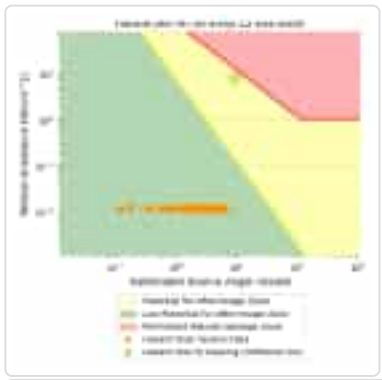
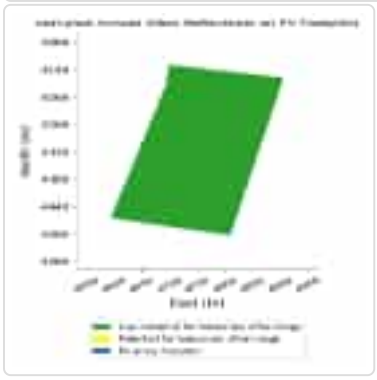
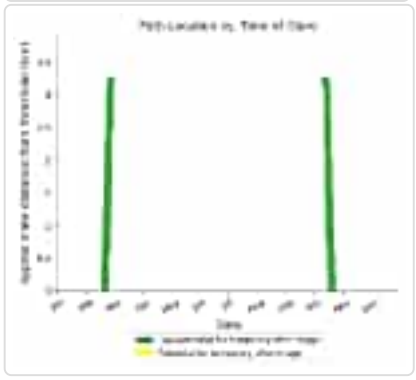
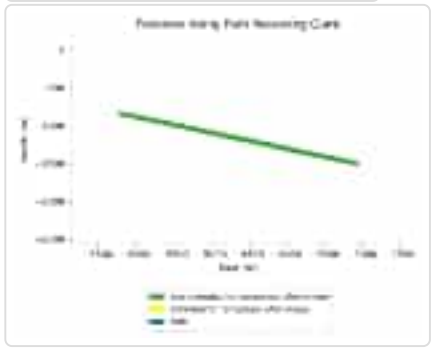
PV array 12: South Scarle RW 28

No glare found

PV array 12: South Scarle RWY 10

PV array is expected to produce the following glare for this receptor:

- 165 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 12: 1-ATCT

No glare found

PV array 13 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	0	0
FP: Peacocks Farm RWY 06	20700	2928
FP: Peacocks Farm RWY 24	0	0
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	0	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	94	0
FP: South Hykeham RWY 31	196	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	78	0
OP: 1-ATCT	0	0

PV array 13: Blackmoor Farm RWY 06

No glare found

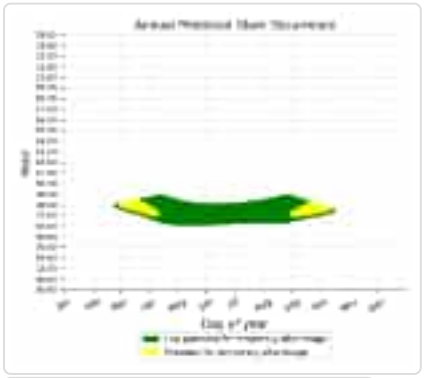
PV array 13: Blackmoor Farm RWY 24

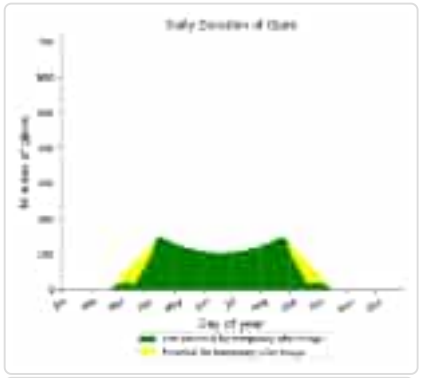
No glare found

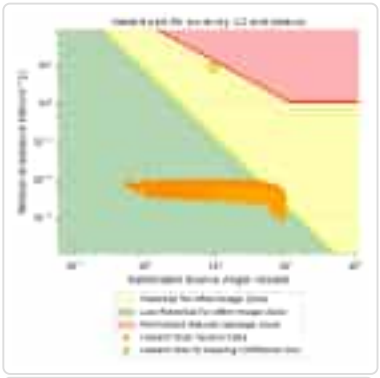
PV array 13: Peacocks Farm RWY 06

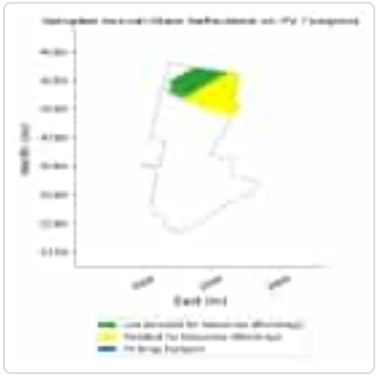
PV array is expected to produce the following glare for this receptor:

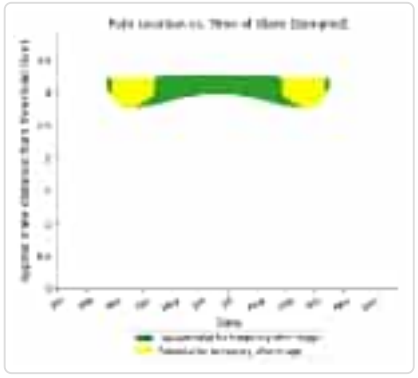
- 20,700 minutes of "green" glare with low potential to cause temporary after-image.
- 2,928 minutes of "yellow" glare with potential to cause temporary after-image.

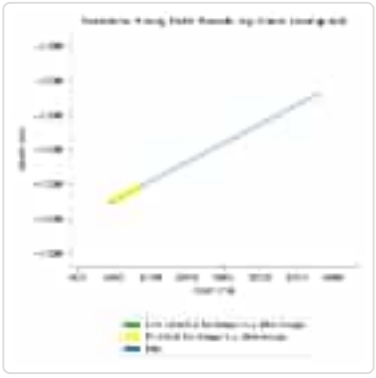












PV array 13: Peacocks Farm RWY 24

No glare found

PV array 13: RAF Waddington RWY 02

No glare found

PV array 13: RAF Waddington RWY 20

No glare found

PV array 13: South Hykeham RWY 10

No glare found

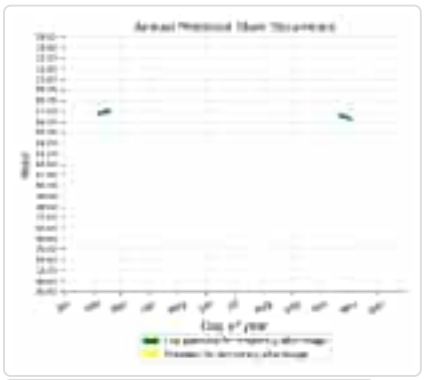
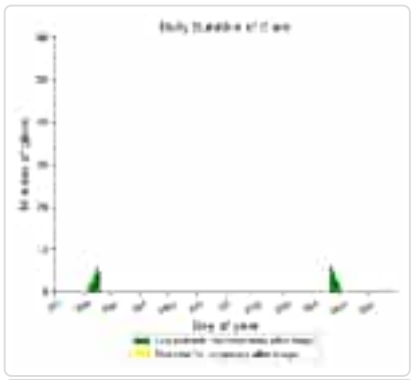
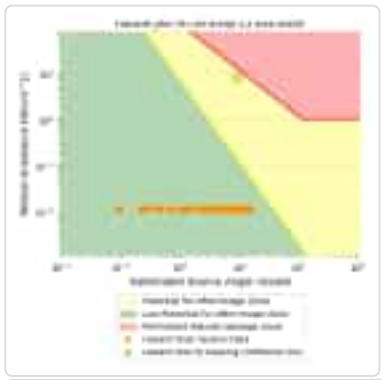
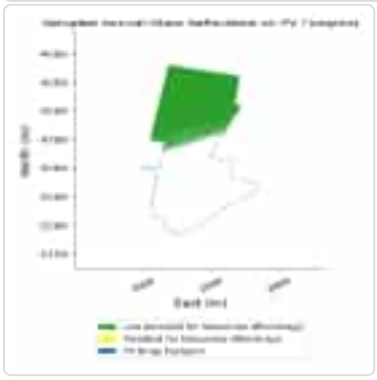
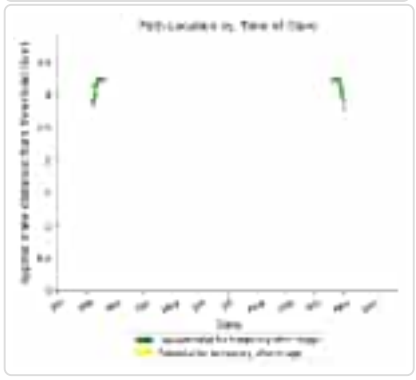
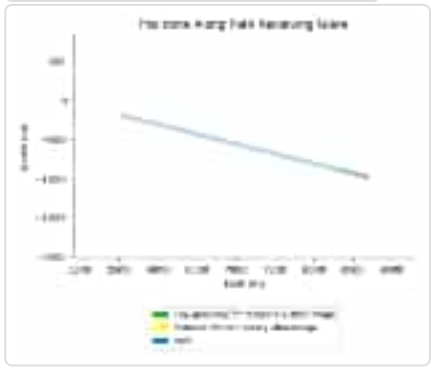
PV array 13: South Hykeham RWY 13

No glare found

PV array 13: South Hykeham RWY 28

PV array is expected to produce the following glare for this receptor:

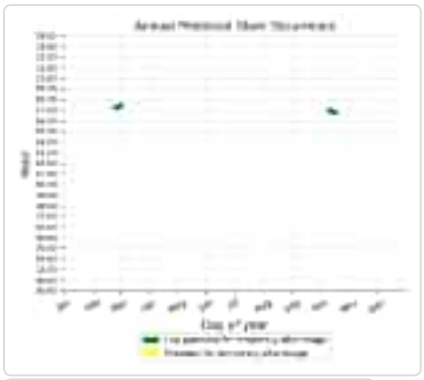
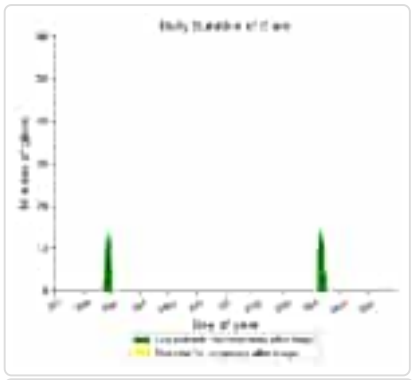
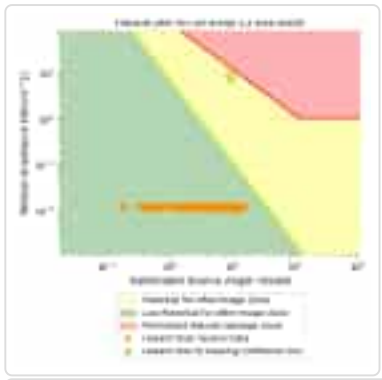
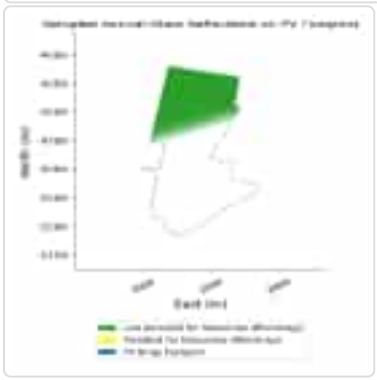
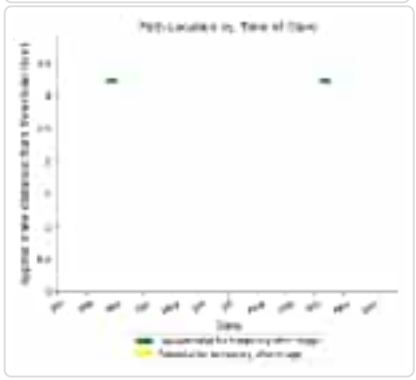
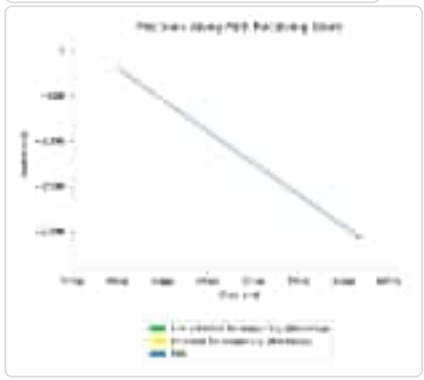
- 94 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 13: South Hykeham RWY 31

PV array is expected to produce the following glare for this receptor:

- 196 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

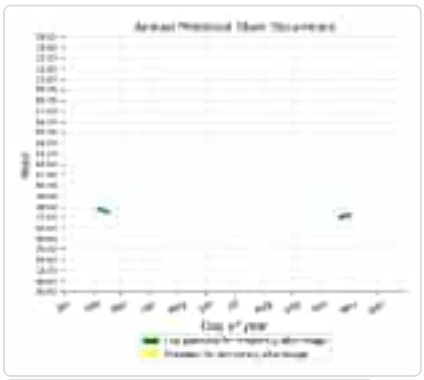
PV array 13: South Scarle RW 28

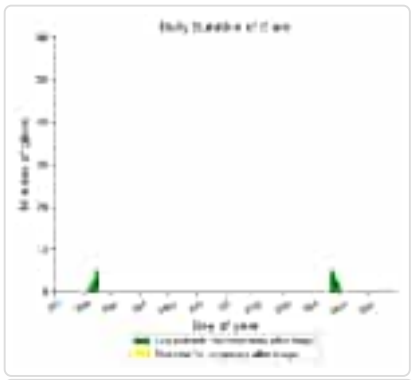
No glare found

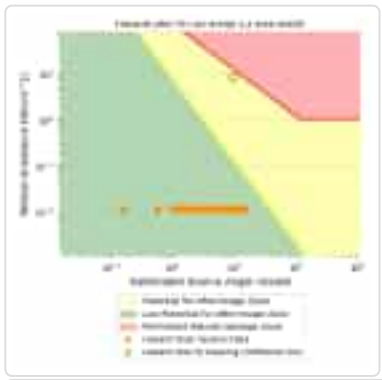
PV array 13: South Scarle RWY 10

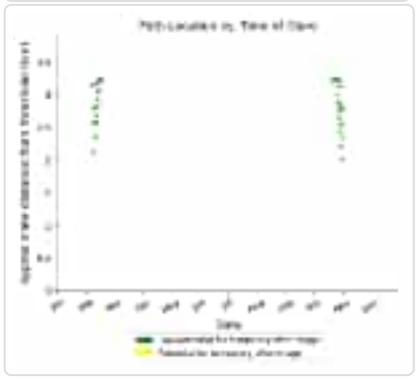
PV array is expected to produce the following glare for this receptor:

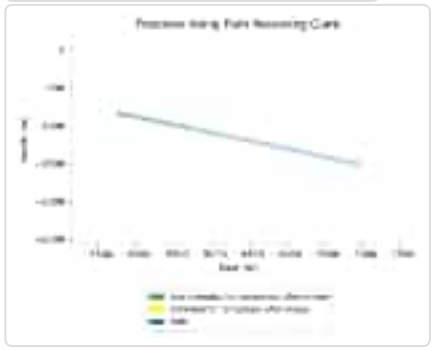
- 78 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.











PV array 13: 1-ATCT

No glare found

PV array 14 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	0	0
FP: Peacocks Farm RWY 06	8612	6072
FP: Peacocks Farm RWY 24	0	0
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	0	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	82	0
FP: South Hykeham RWY 31	179	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	148	0
OP: 1-ATCT	0	0

PV array 14: Blackmoor Farm RWY 06

No glare found

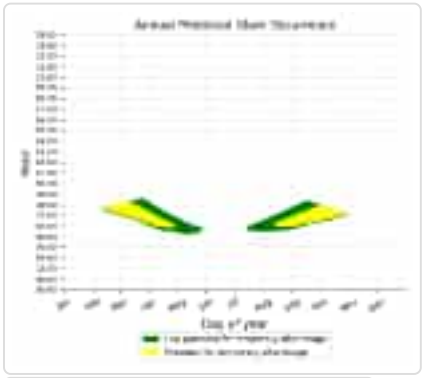
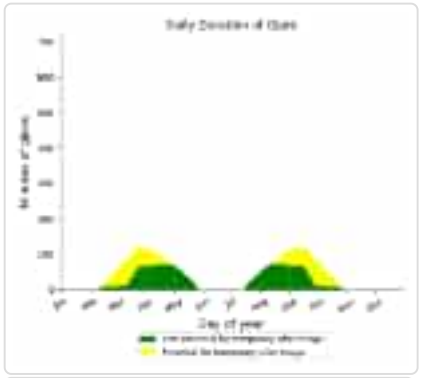
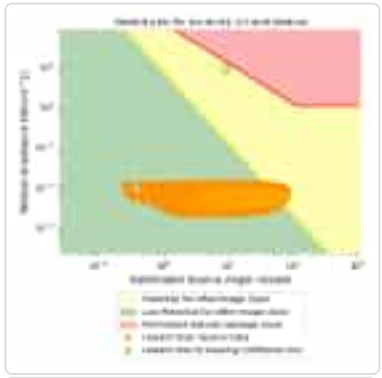
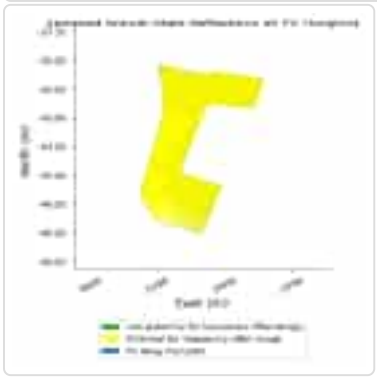
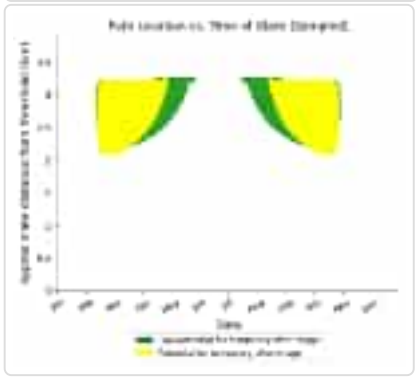
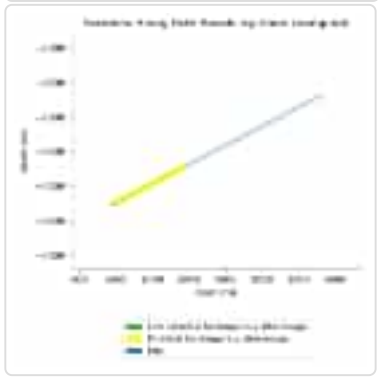
PV array 14: Blackmoor Farm RWY 24

No glare found

PV array 14: Peacocks Farm RWY 06

PV array is expected to produce the following glare for this receptor:

- 8,612 minutes of "green" glare with low potential to cause temporary after-image.
- 6,072 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 14: Peacocks Farm RWY 24

No glare found

PV array 14: RAF Waddington RWY 02

No glare found

PV array 14: RAF Waddington RWY 20

No glare found

PV array 14: South Hykeham RWY 10

No glare found

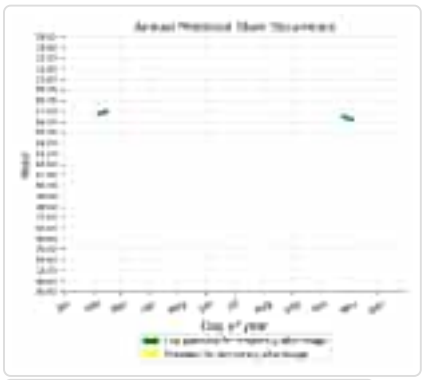
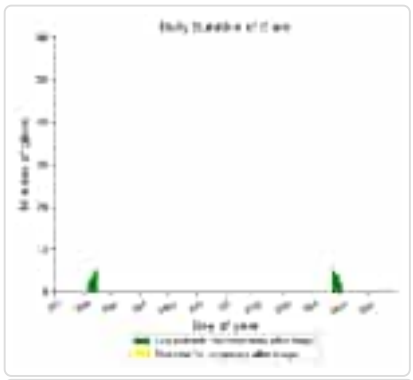
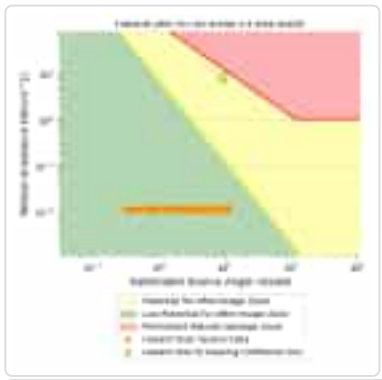
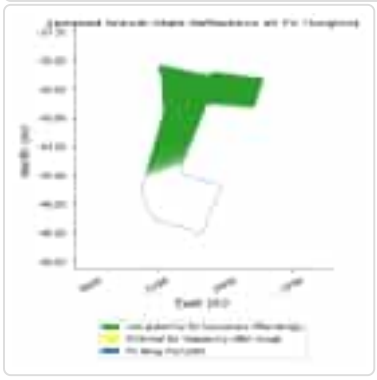
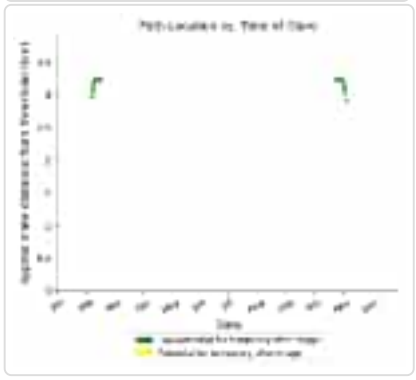
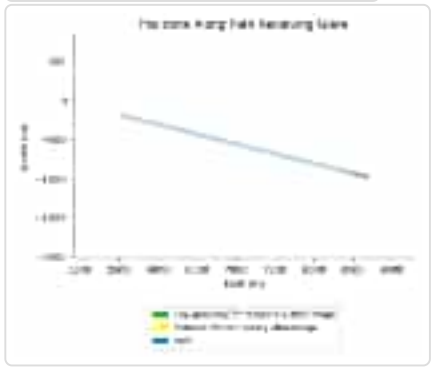
PV array 14: South Hykeham RWY 13

No glare found

PV array 14: South Hykeham RWY 28

PV array is expected to produce the following glare for this receptor:

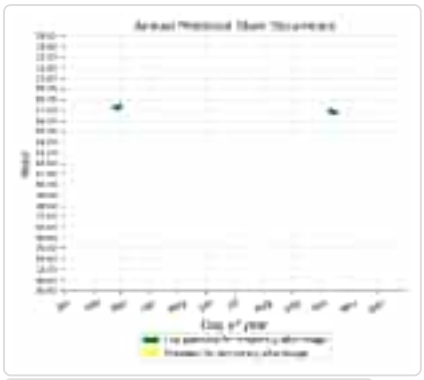
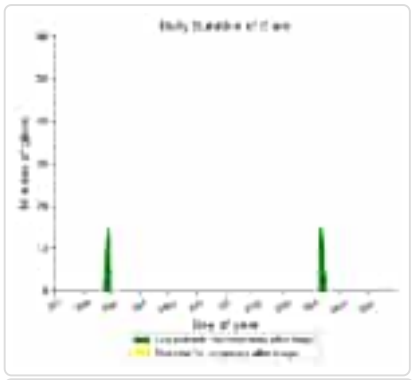
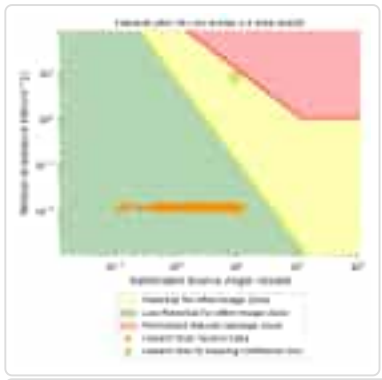
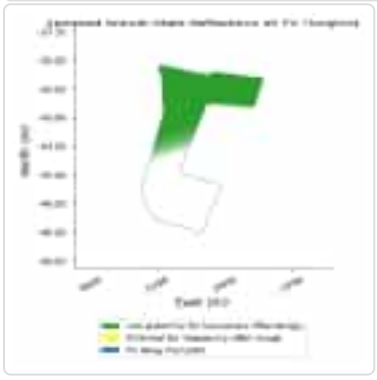
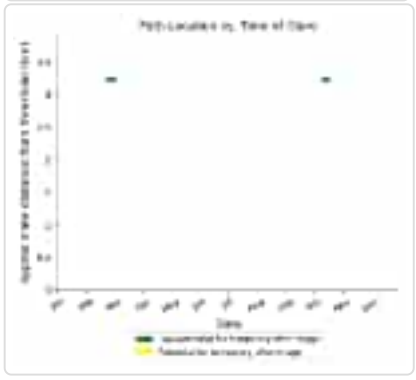
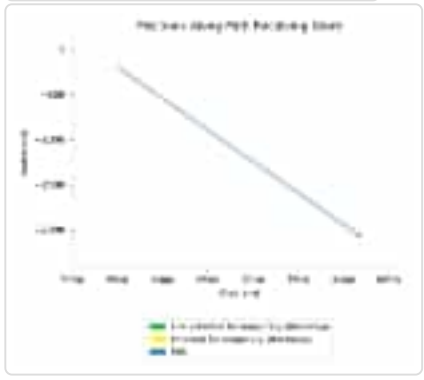
- 82 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 14: South Hykeham RWY 31

PV array is expected to produce the following glare for this receptor:

- 179 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

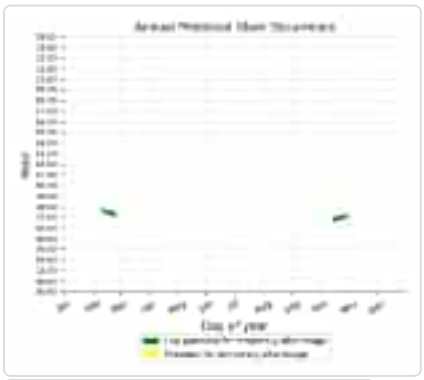
PV array 14: South Scarle RW 28

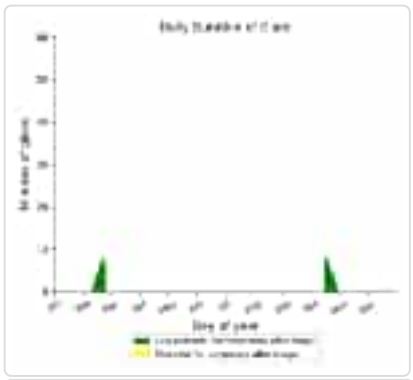
No glare found

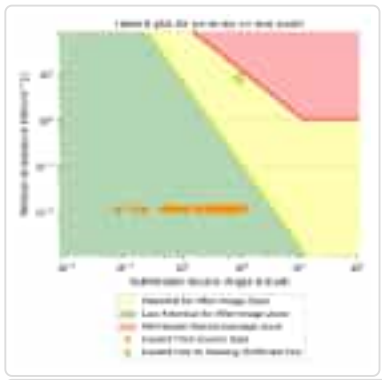
PV array 14: South Scarle RWY 10

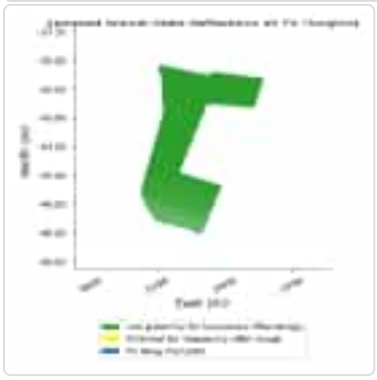
PV array is expected to produce the following glare for this receptor:

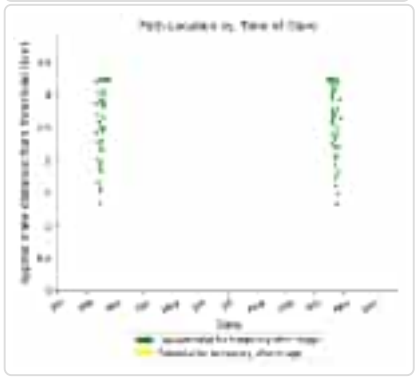
- 148 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

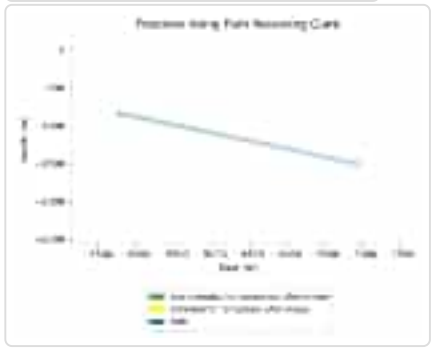












PV array 14: 1-ATCT

No glare found

PV array 15 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	0	0
FP: Peacocks Farm RWY 06	2516	213
FP: Peacocks Farm RWY 24	0	0
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	0	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	0	0
FP: South Hykeham RWY 31	0	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	52	0
OP: 1-ATCT	0	0

PV array 15: Blackmoor Farm RWY 06

No glare found

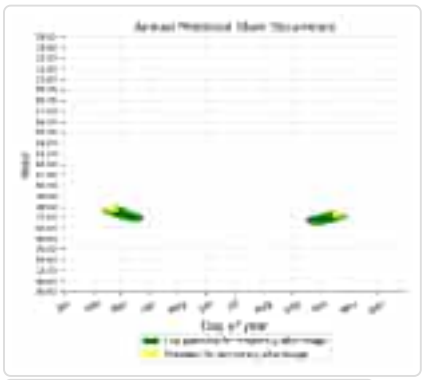
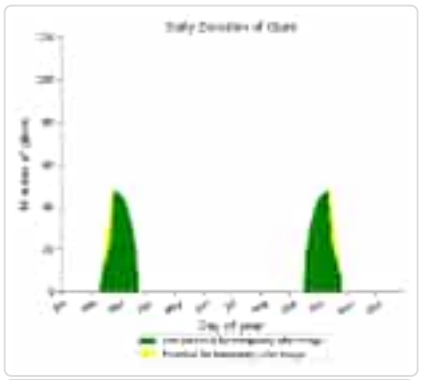
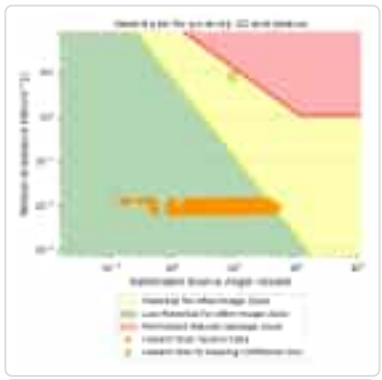
PV array 15: Blackmoor Farm RWY 24

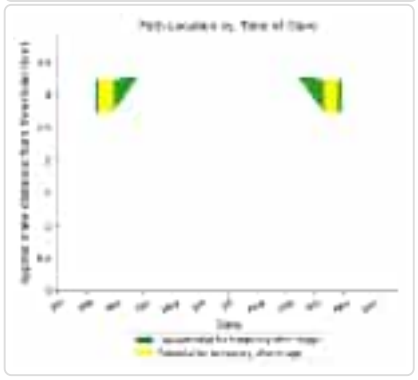
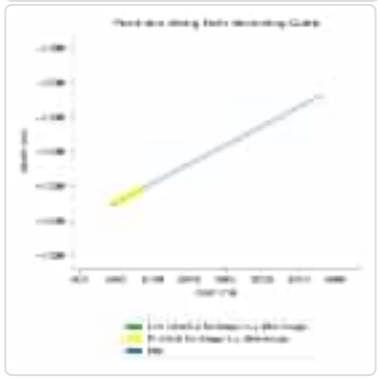
No glare found

PV array 15: Peacocks Farm RWY 06

PV array is expected to produce the following glare for this receptor:

- 2,516 minutes of "green" glare with low potential to cause temporary after-image.
- 213 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 15: Peacocks Farm RWY 24

No glare found

PV array 15: RAF Waddington RWY 02

No glare found

PV array 15: RAF Waddington RWY 20

No glare found

PV array 15: South Hykeham RWY 10

No glare found

PV array 15: South Hykeham RWY 13

No glare found

PV array 15: South Hykeham RWY 28

No glare found

PV array 15: South Hykeham RWY 31

No glare found

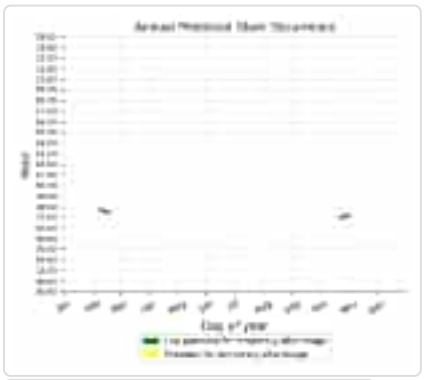
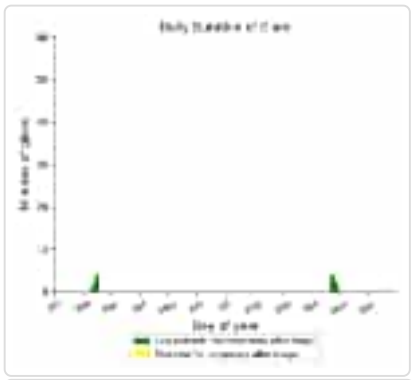
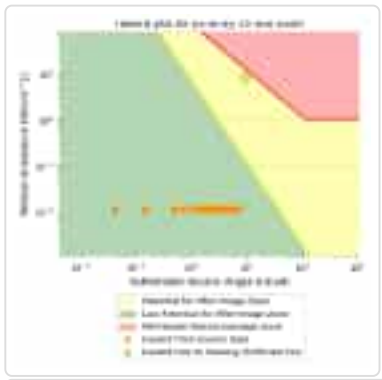
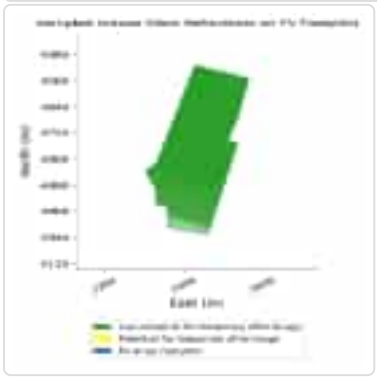
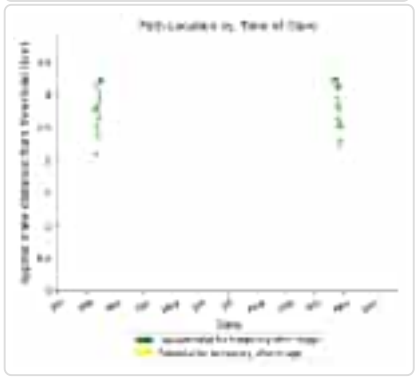
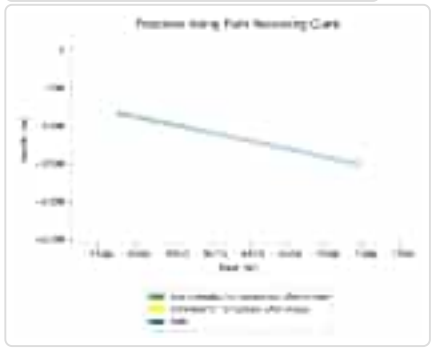
PV array 15: South Scarle RW 28

No glare found

PV array 15: South Scarle RWY 10

PV array is expected to produce the following glare for this receptor:

- 52 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 15: 1-ATCT

No glare found

PV array 2 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	2573	0
FP: Peacocks Farm RWY 06	0	0
FP: Peacocks Farm RWY 24	3040	0
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	169	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	2006	0
FP: South Hykeham RWY 31	3527	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	2296	0
OP: 1-ATCT	838	0

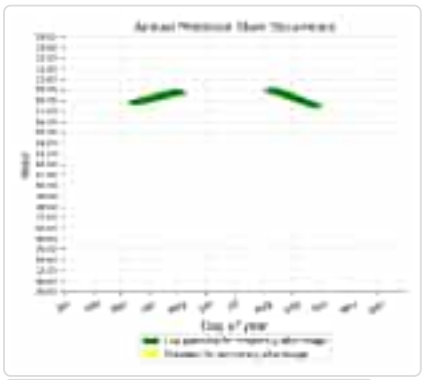
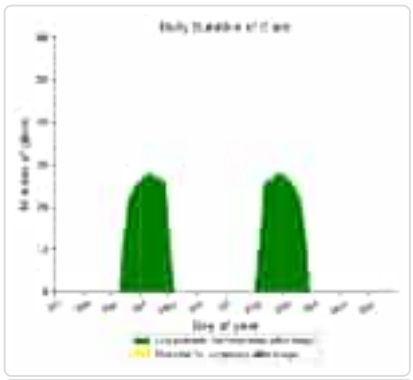
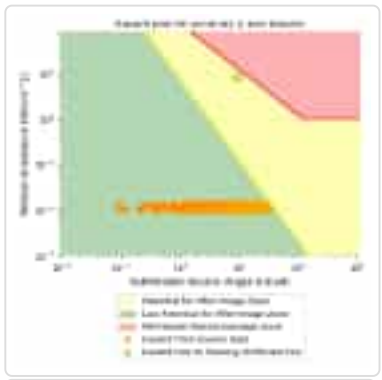
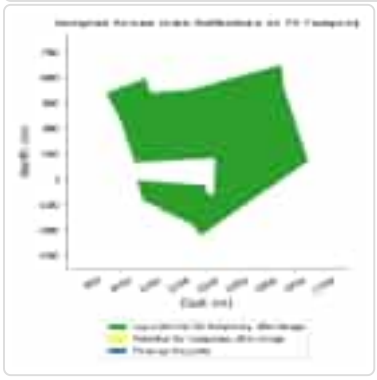
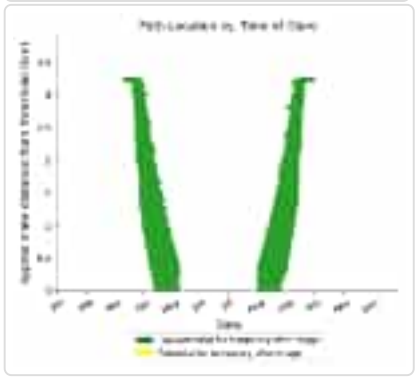
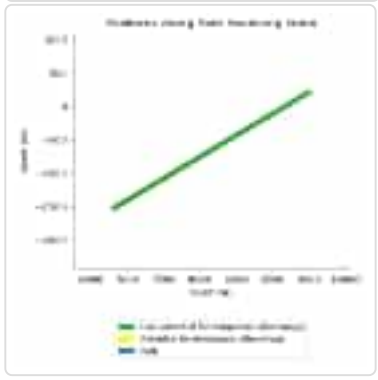
PV array 2: Blackmoor Farm RWY 06

No glare found

PV array 2: Blackmoor Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 2,573 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

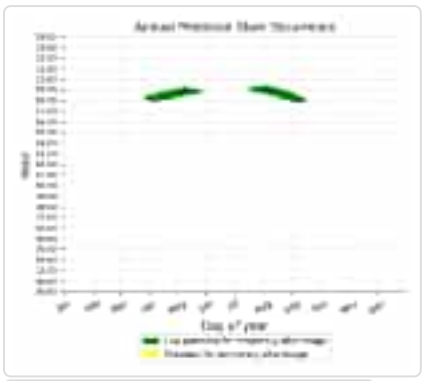
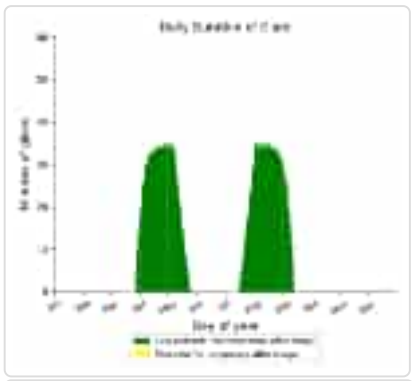
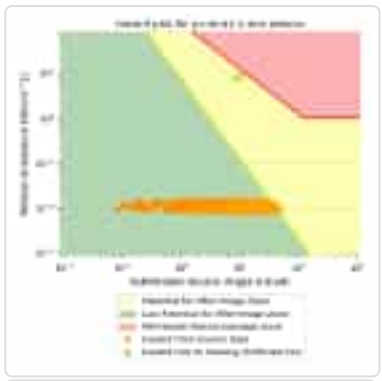
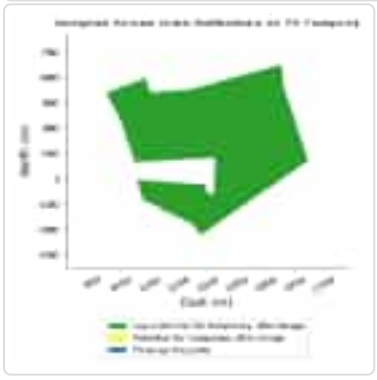
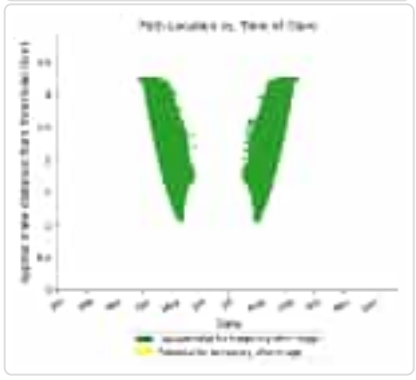
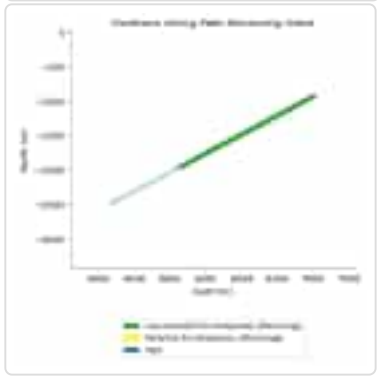
PV array 2: Peacocks Farm RWY 06

No glare found

PV array 2: Peacocks Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 3,040 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

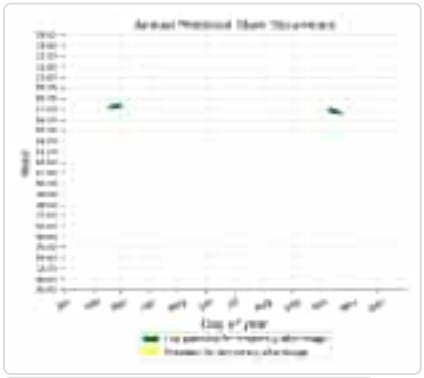
PV array 2: RAF Waddington RWY 02

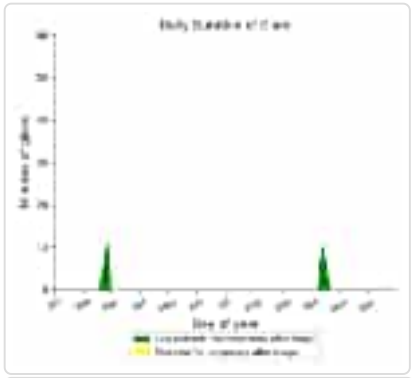
No glare found

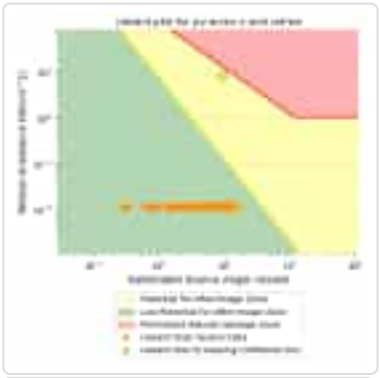
PV array 2: RAF Waddington RWY 20

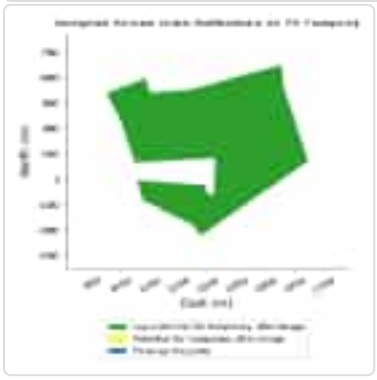
PV array is expected to produce the following glare for this receptor:

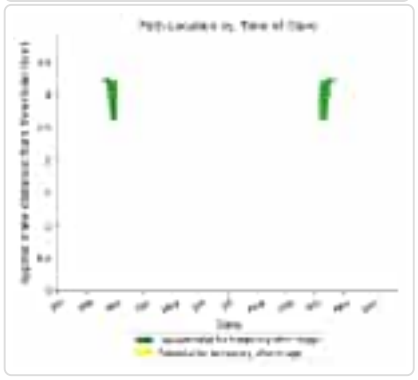
- 169 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

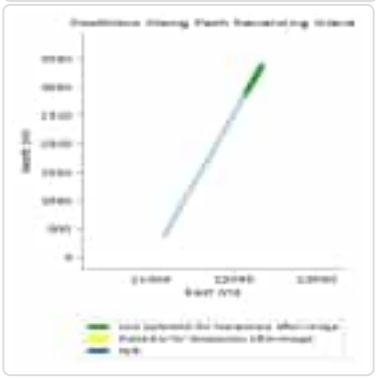












PV array 2: South Hykeham RWY 10

No glare found

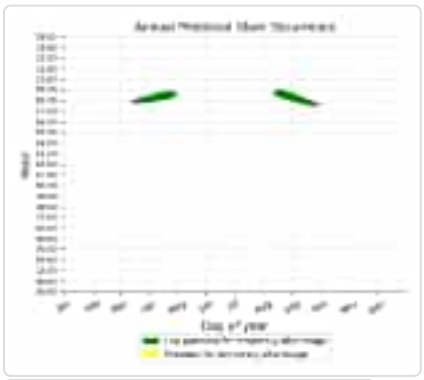
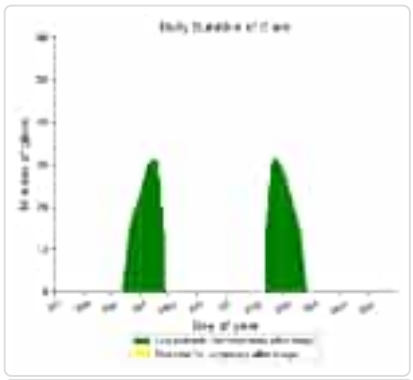
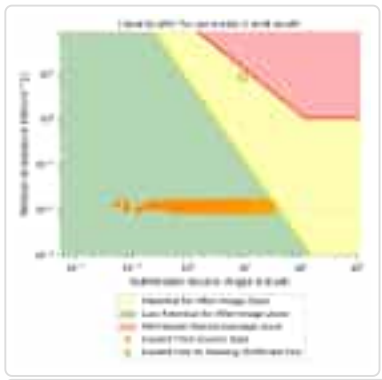
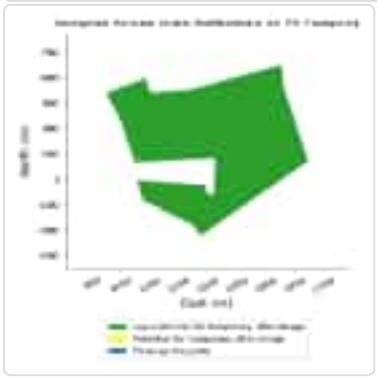
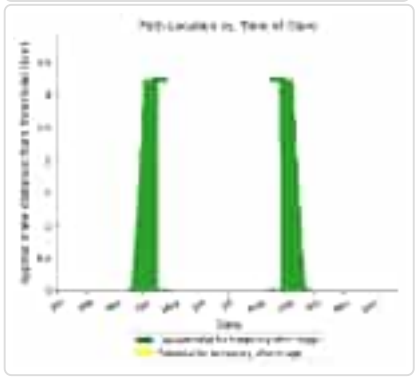
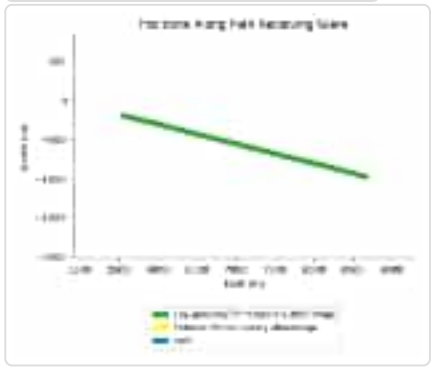
PV array 2: South Hykeham RWY 13

No glare found

PV array 2: South Hykeham RWY 28

PV array is expected to produce the following glare for this receptor:

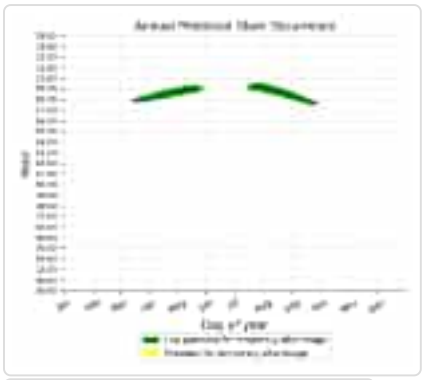
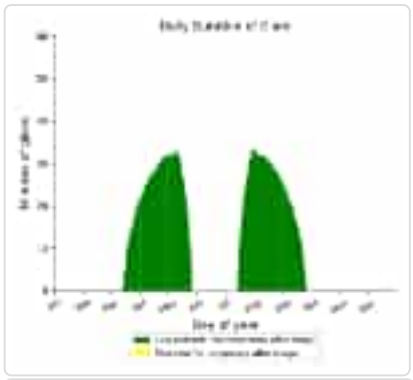
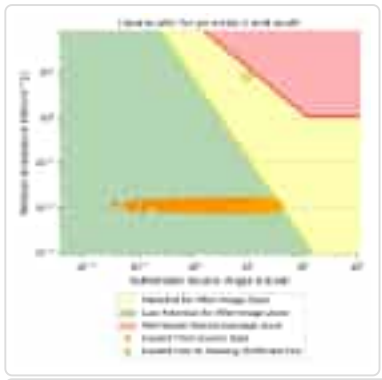
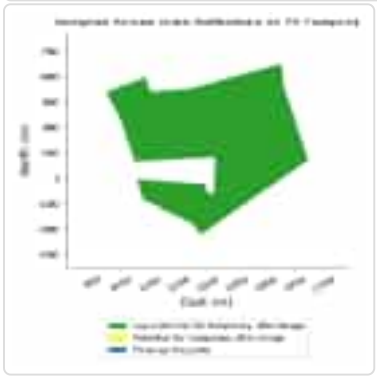
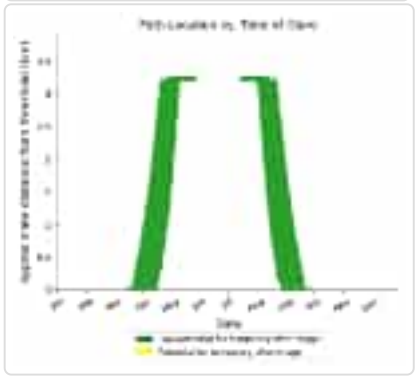
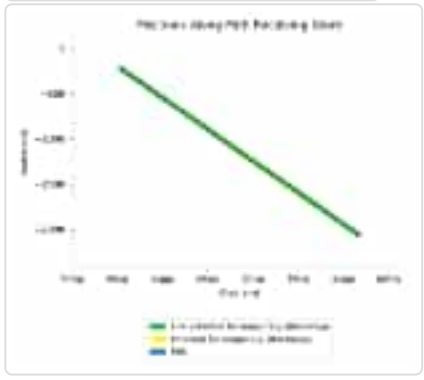
- 2,006 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 2: South Hykeham RWY 31

PV array is expected to produce the following glare for this receptor:

- 3,527 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

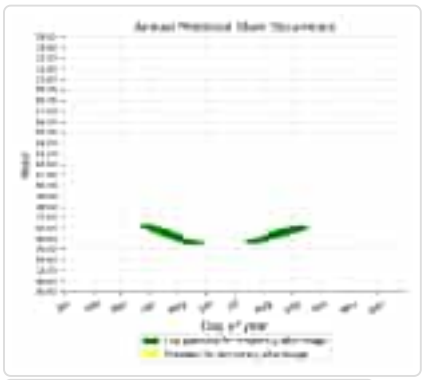
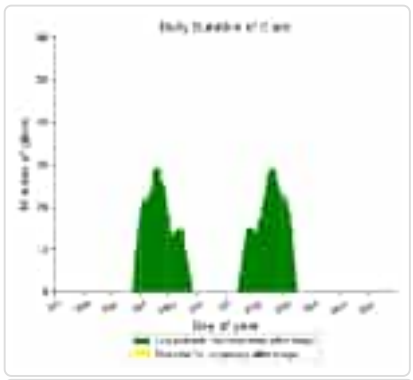
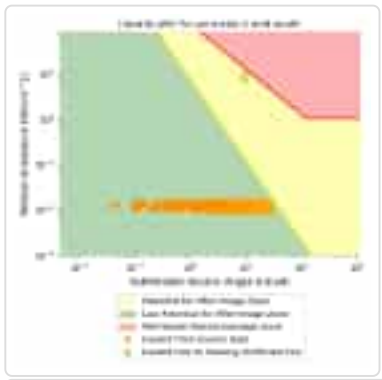
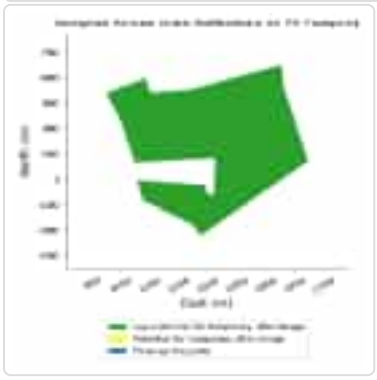
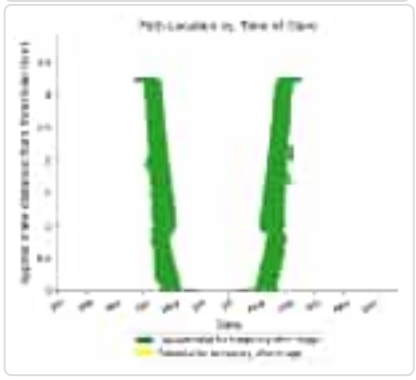
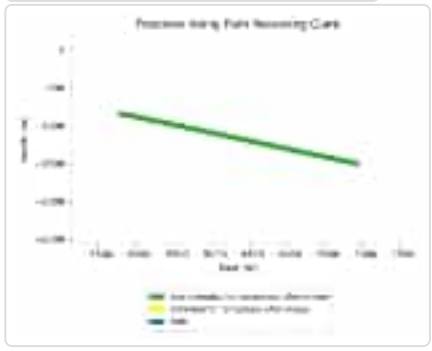
PV array 2: South Scarle RW 28

No glare found

PV array 2: South Scarle RWY 10

PV array is expected to produce the following glare for this receptor:

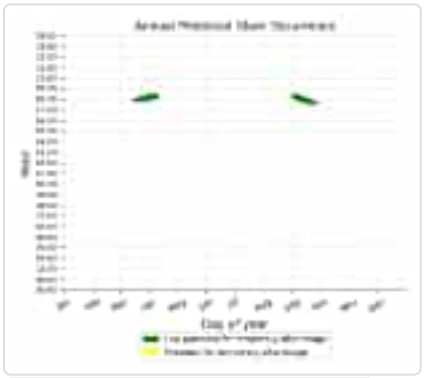
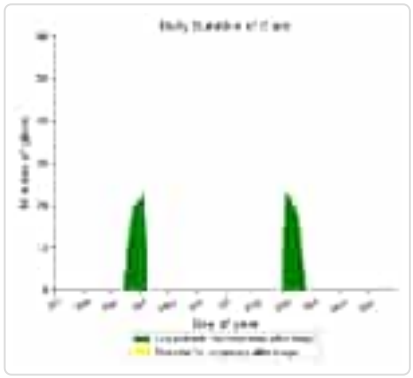
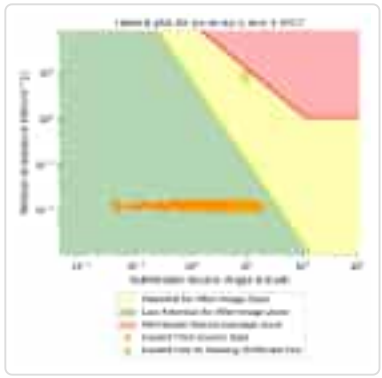
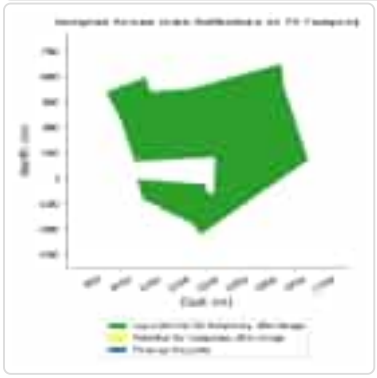
- 2,296 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 2: 1-ATCT

PV array is expected to produce the following glare for this receptor:

- 838 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 3 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)

FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	1168	0
FP: Peacocks Farm RWY 06	0	0
FP: Peacocks Farm RWY 24	3005	421
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	233	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	1357	0
FP: South Hykeham RWY 31	2089	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	1857	0
OP: 1-ATCT	0	0

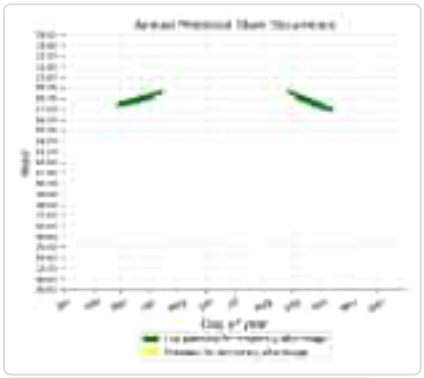
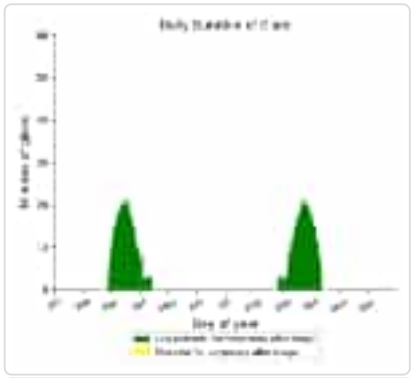
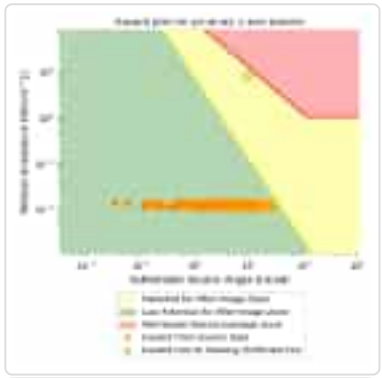
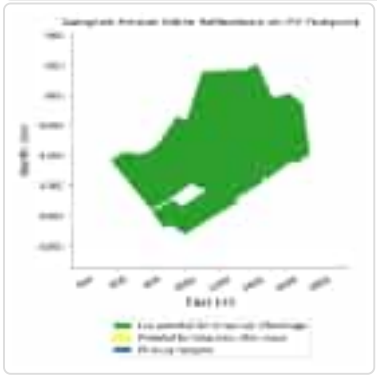
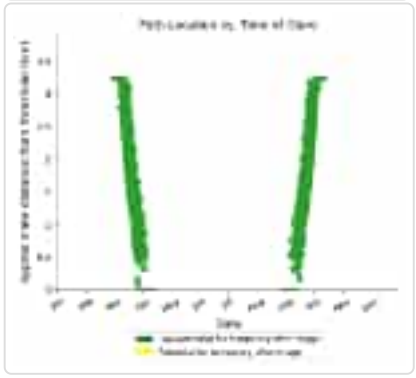
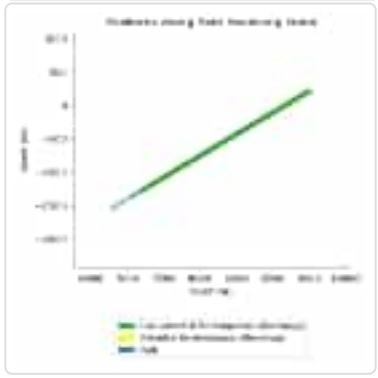
PV array 3: Blackmoor Farm RWY 06

No glare found

PV array 3: Blackmoor Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 1,168 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

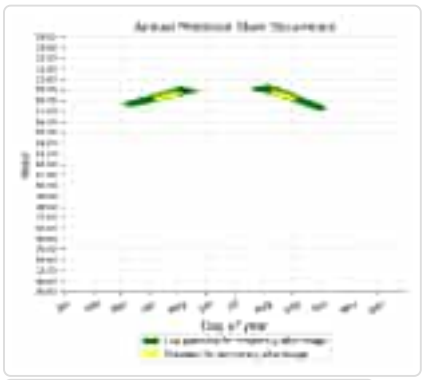
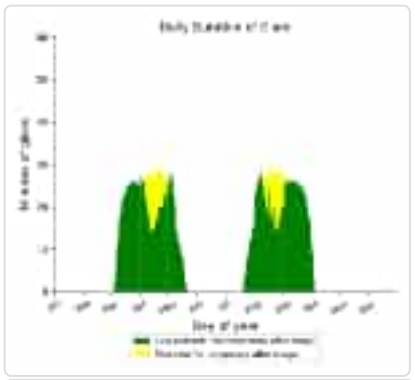
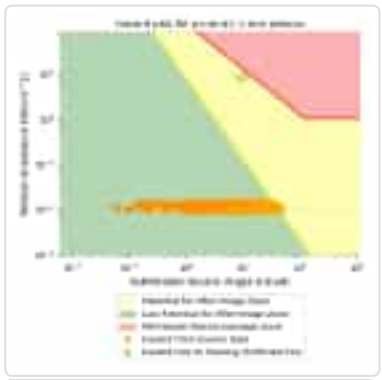
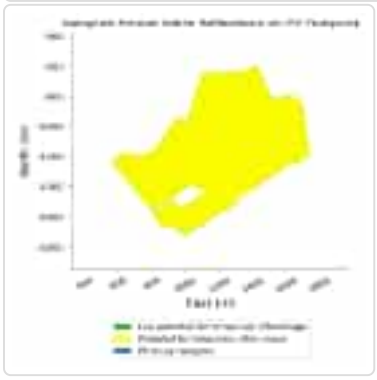
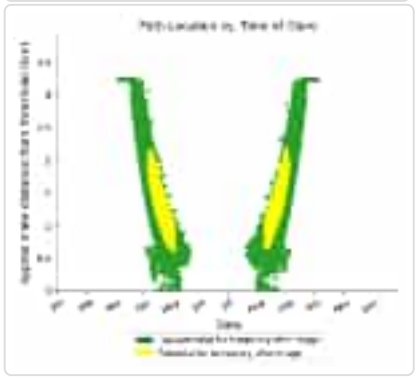
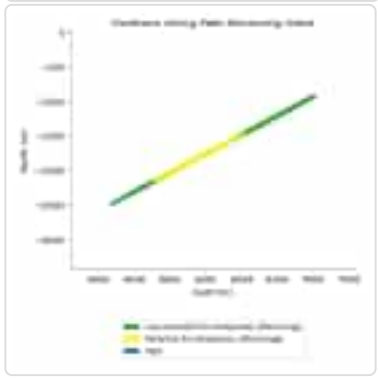
PV array 3: Peacocks Farm RWY 06

No glare found

PV array 3: Peacocks Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 3,005 minutes of "green" glare with low potential to cause temporary after-image.
- 421 minutes of "yellow" glare with potential to cause temporary after-image.

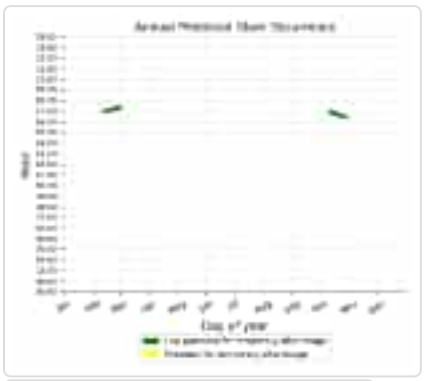
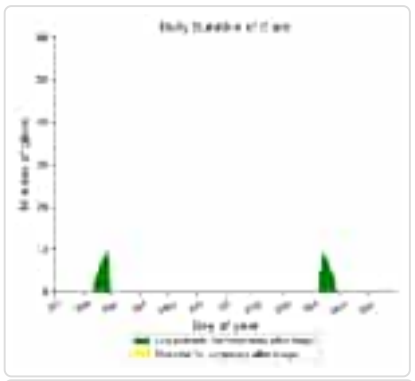
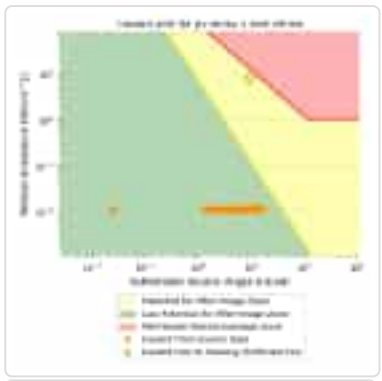
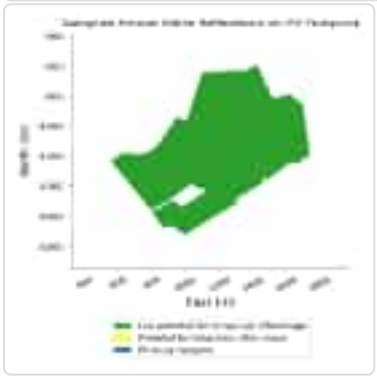
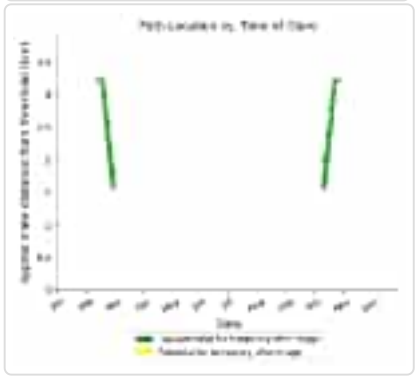
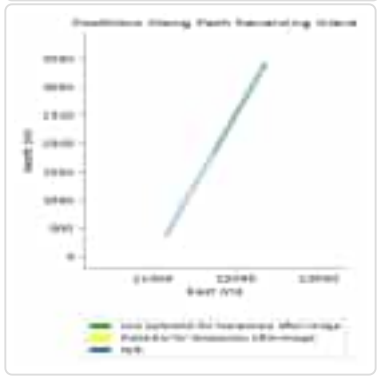
PV array 3: RAF Waddington RWY 02

No glare found

PV array 3: RAF Waddington RWY 20

PV array is expected to produce the following glare for this receptor:

- 233 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 3: South Hykeham RWY 10

No glare found

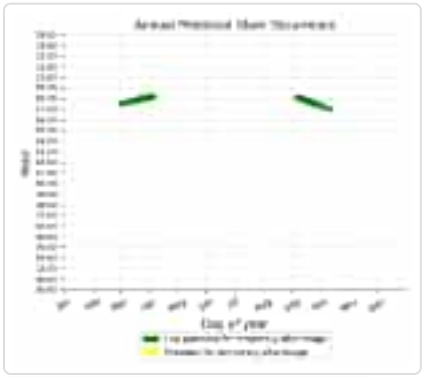
PV array 3: South Hykeham RWY 13

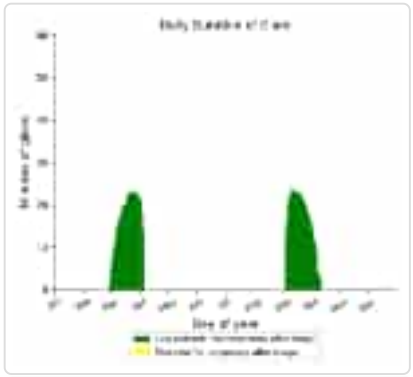
No glare found

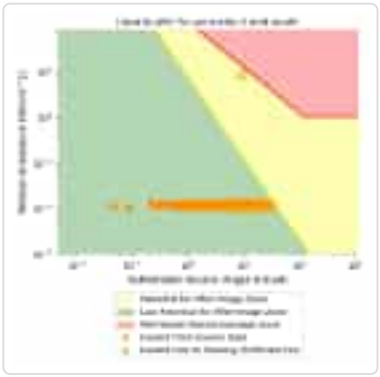
PV array 3: South Hykeham RWY 28

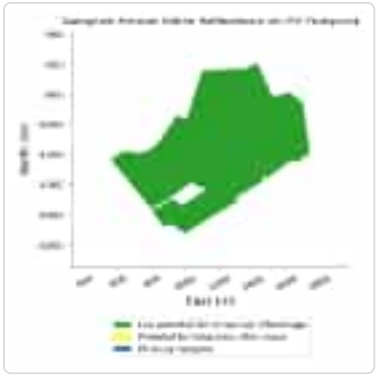
PV array is expected to produce the following glare for this receptor:

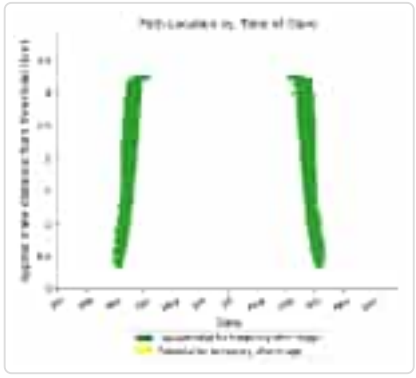
- 1,357 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

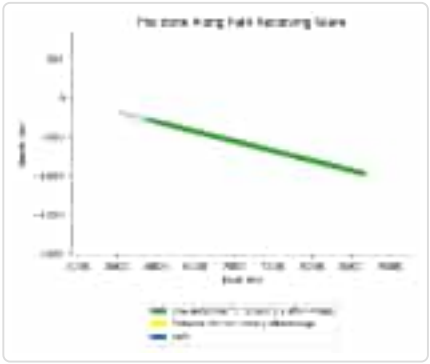








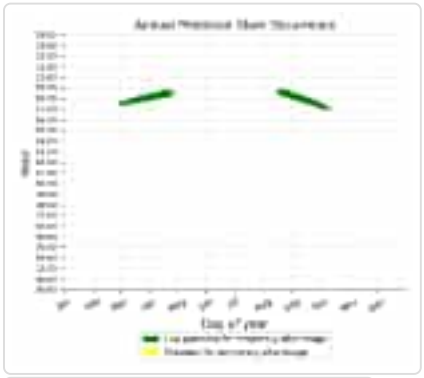
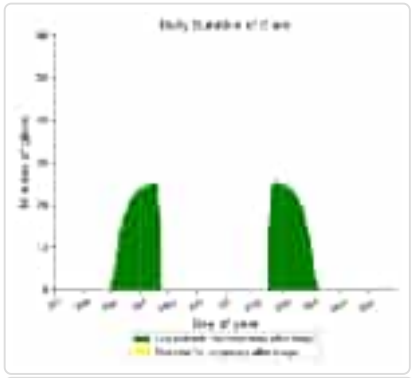
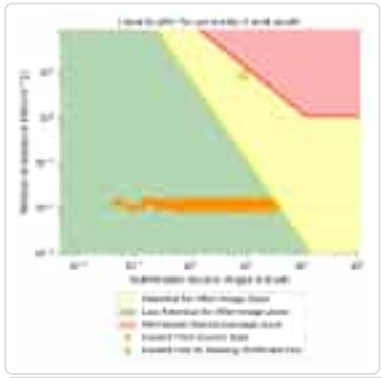
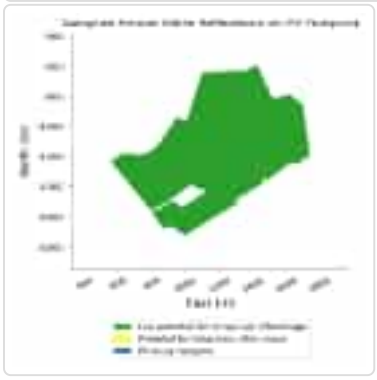
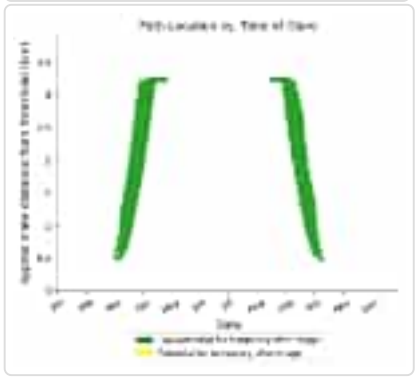
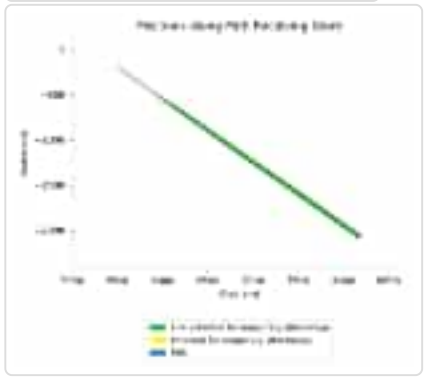




PV array 3: South Hykeham RWY 31

PV array is expected to produce the following glare for this receptor:

- 2,089 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

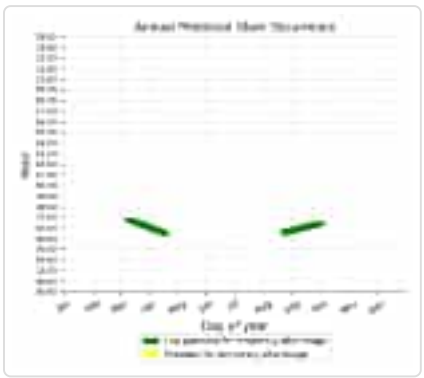
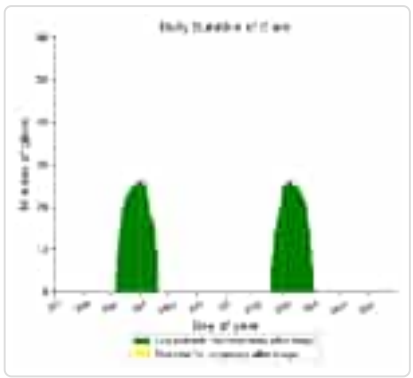
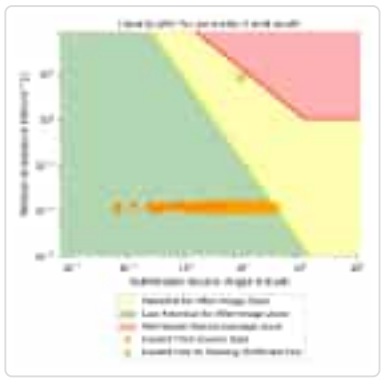
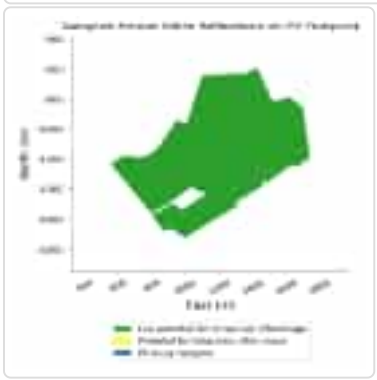
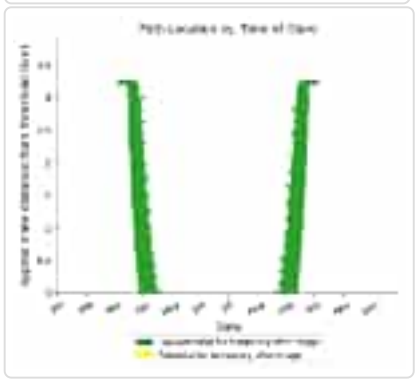
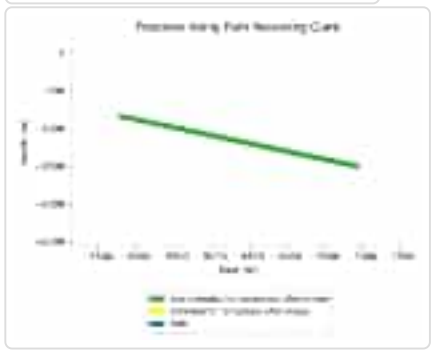
PV array 3: South Scarle RW 28

No glare found

PV array 3: South Scarle RWY 10

PV array is expected to produce the following glare for this receptor:

- 1,857 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 3: 1-ATCT

No glare found

PV array 4 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	2526	0
FP: Peacocks Farm RWY 06	0	0
FP: Peacocks Farm RWY 24	2815	1051
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	269	0
FP: South Hykeham RWY 10	2446	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	1796	188
FP: South Hykeham RWY 31	2721	490
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	1496	0
OP: 1-ATCT	523	0

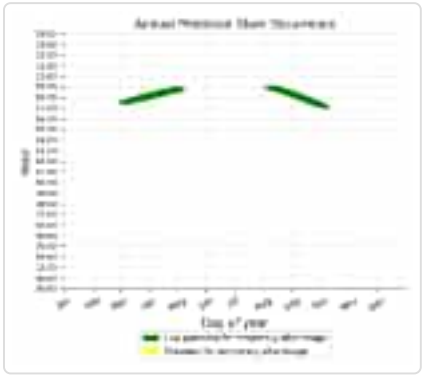
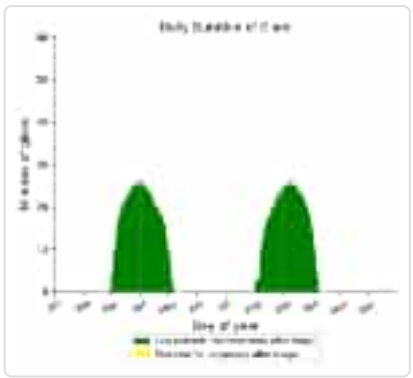
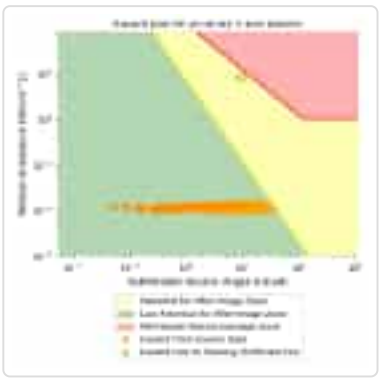
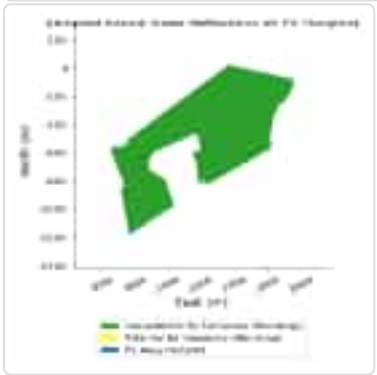
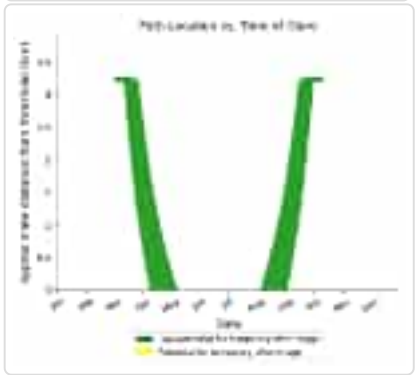
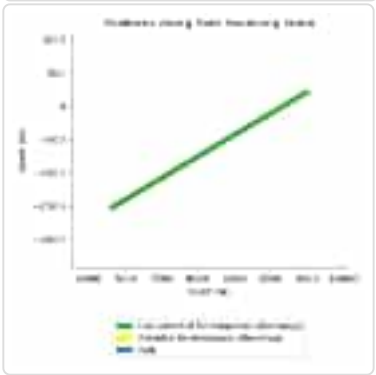
PV array 4: Blackmoor Farm RWY 06

No glare found

PV array 4: Blackmoor Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 2,526 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

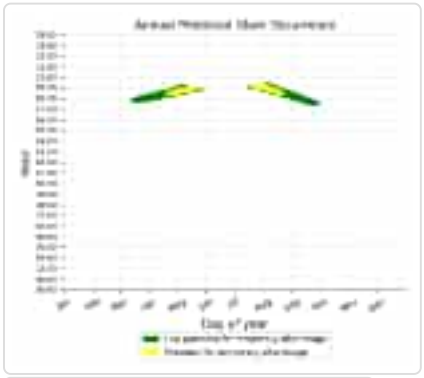
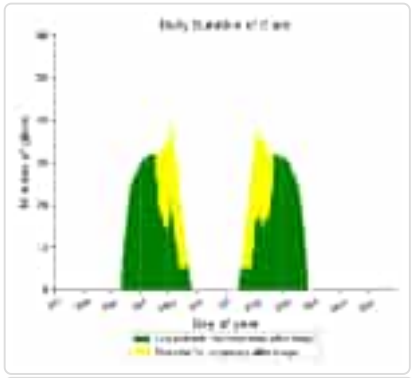
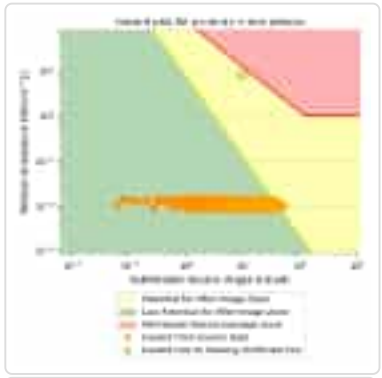
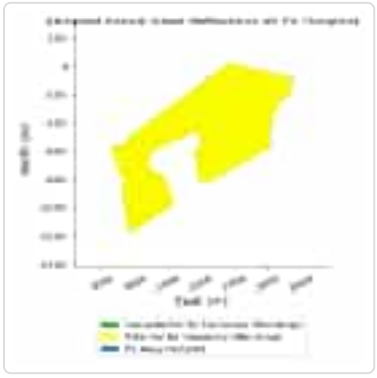
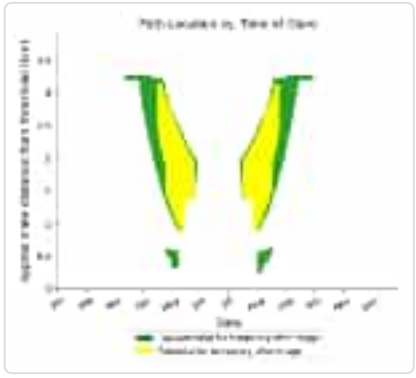
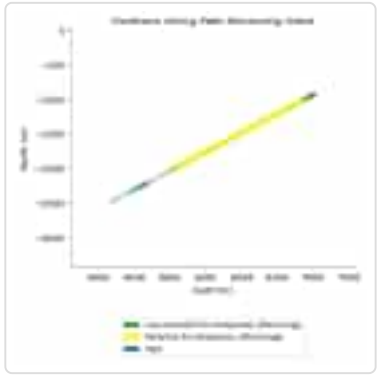
PV array 4: Peacocks Farm RWY 06

No glare found

PV array 4: Peacocks Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 2,815 minutes of "green" glare with low potential to cause temporary after-image.
- 1,051 minutes of "yellow" glare with potential to cause temporary after-image.

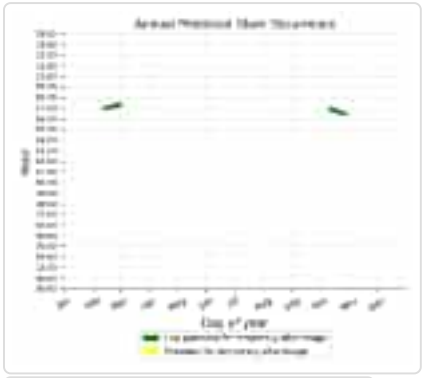
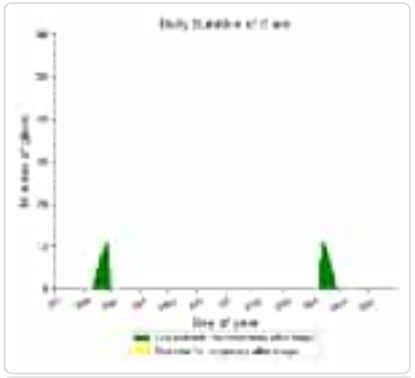
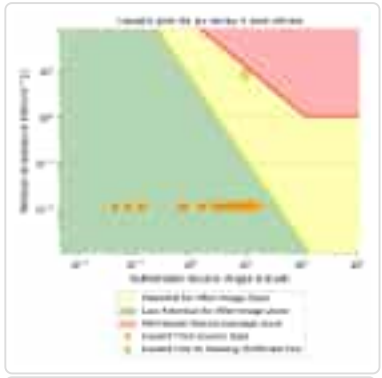
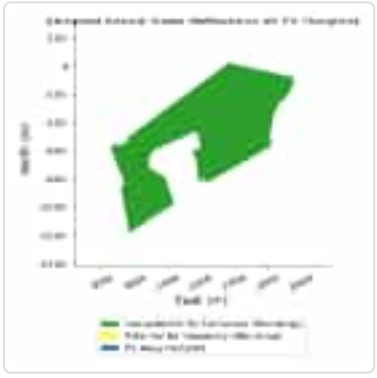
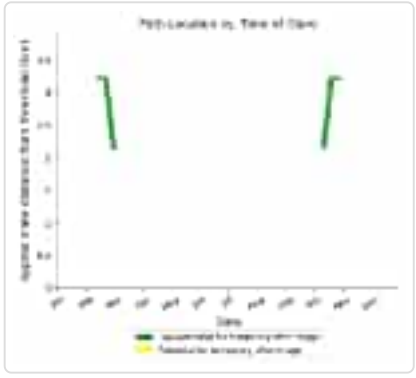
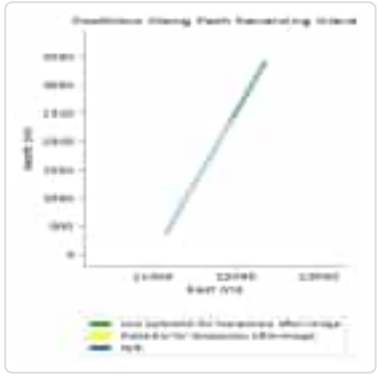
PV array 4: RAF Waddington RWY 02

No glare found

PV array 4: RAF Waddington RWY 20

PV array is expected to produce the following glare for this receptor:

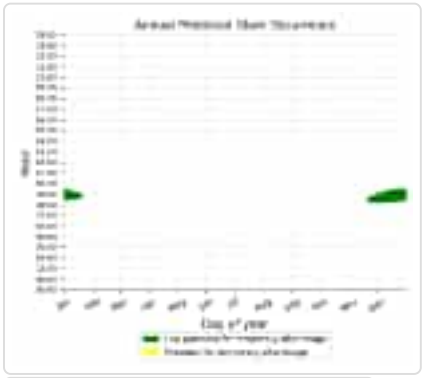
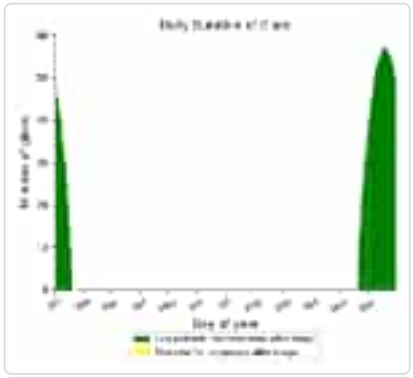
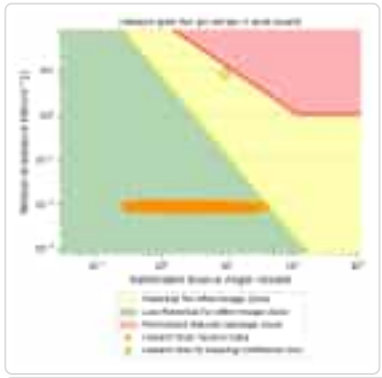
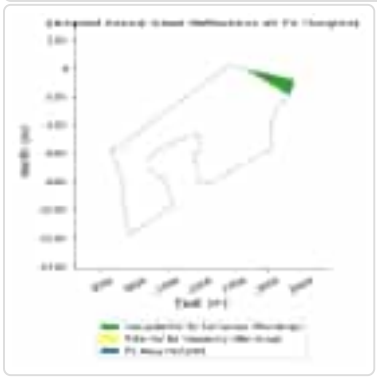
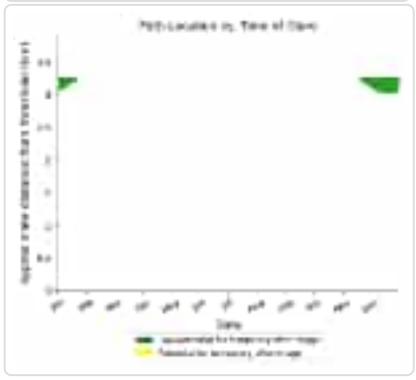
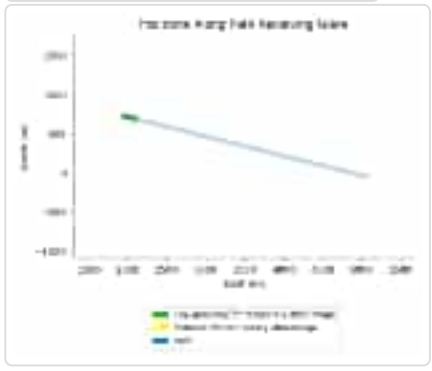
- 269 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 4: South Hykeham RWY 10

PV array is expected to produce the following glare for this receptor:

- 2,446 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

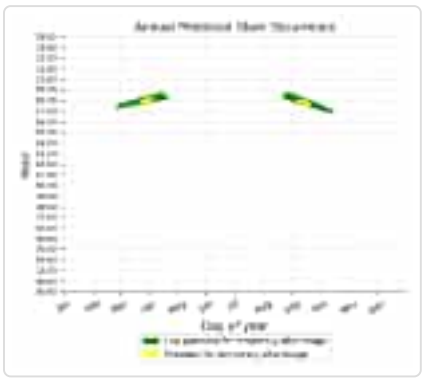
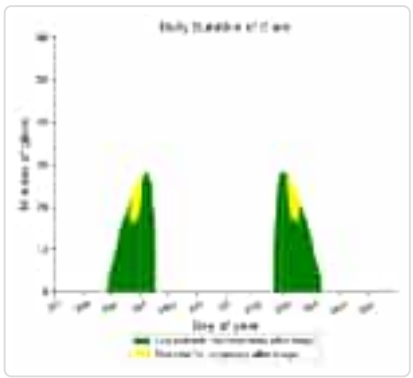
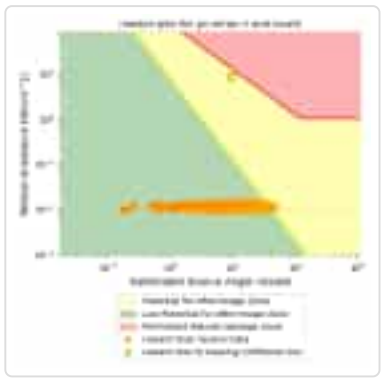
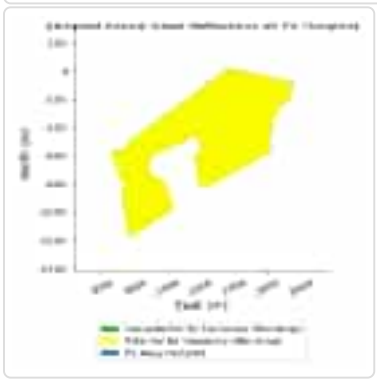
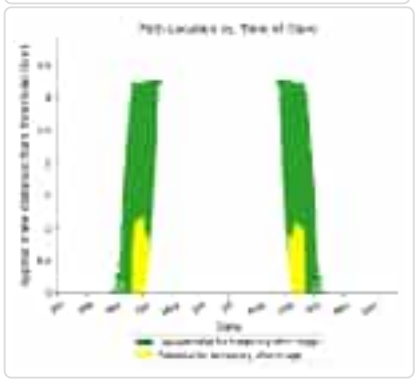
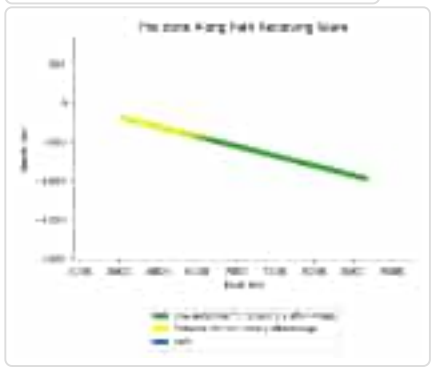
PV array 4: South Hykeham RWY 13

No glare found

PV array 4: South Hykeham RWY 28

PV array is expected to produce the following glare for this receptor:

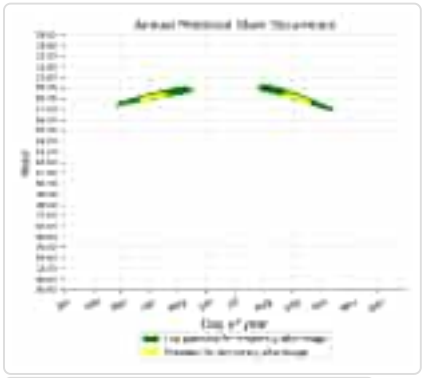
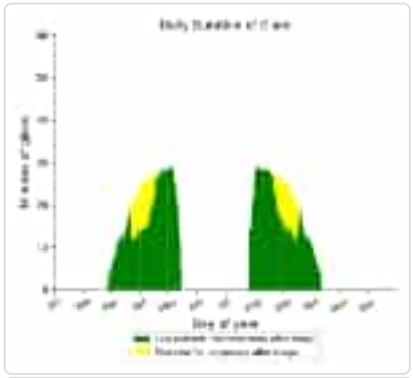
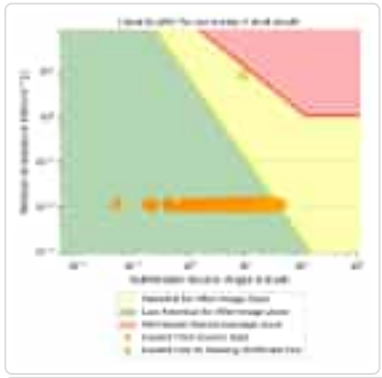
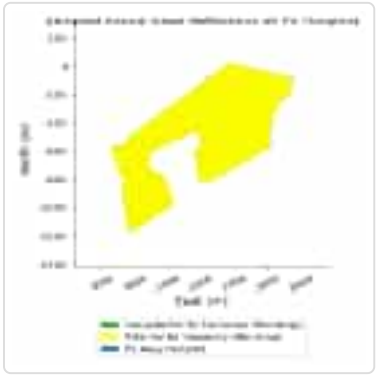
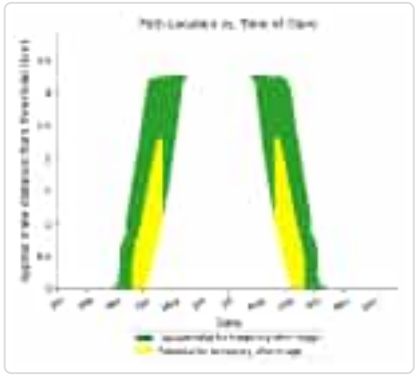
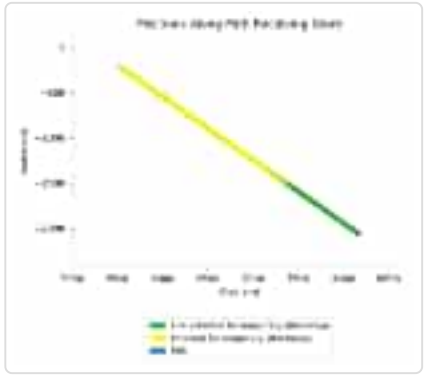
- 1,796 minutes of "green" glare with low potential to cause temporary after-image.
- 188 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 4: South Hykeham RWY 31

PV array is expected to produce the following glare for this receptor:

- 2,721 minutes of "green" glare with low potential to cause temporary after-image.
- 490 minutes of "yellow" glare with potential to cause temporary after-image.

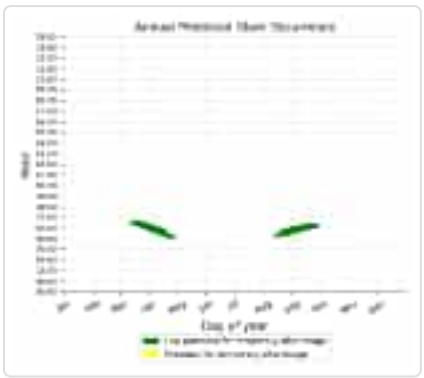
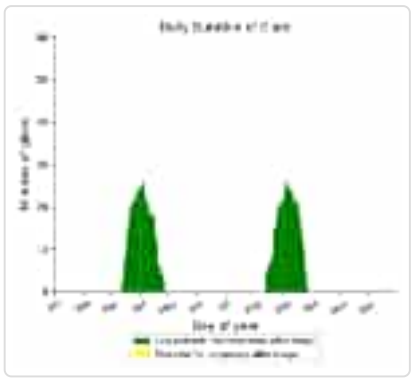
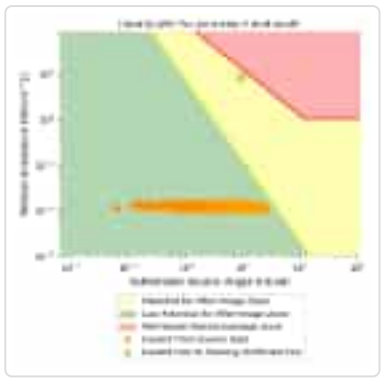
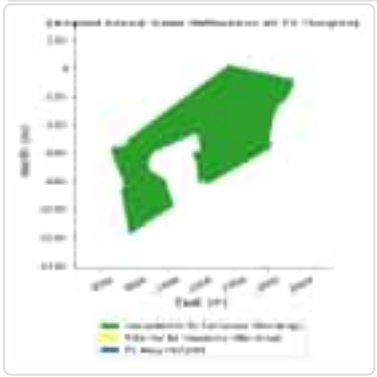
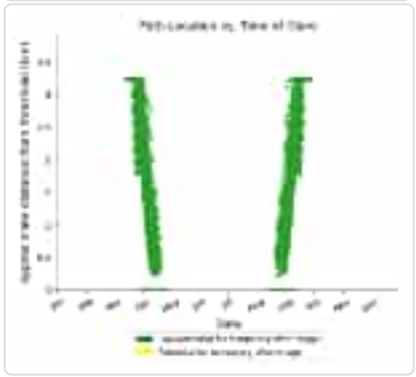
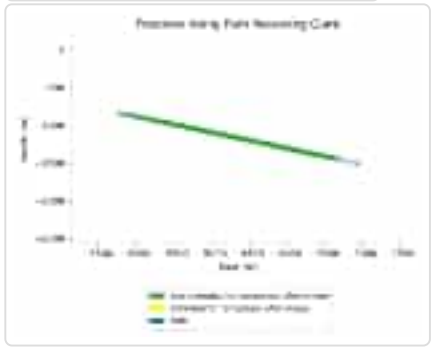
PV array 4: South Scarle RW 28

No glare found

PV array 4: South Scarle RWY 10

PV array is expected to produce the following glare for this receptor:

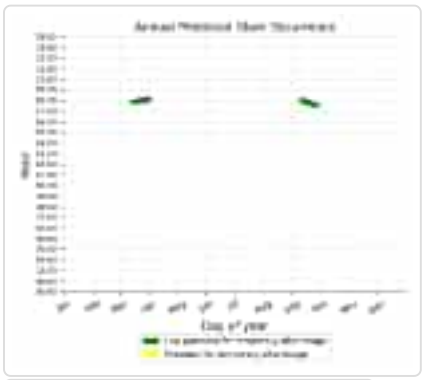
- 1,496 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

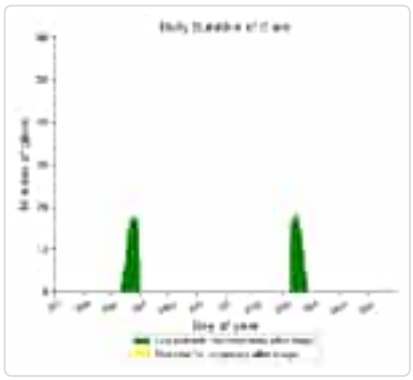







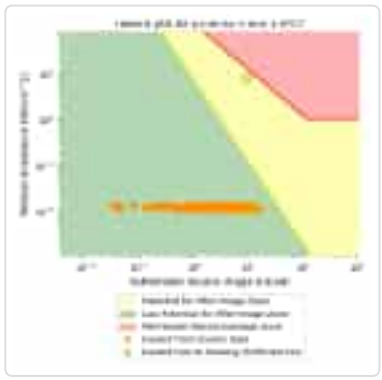
PV array 4: 1-ATCT

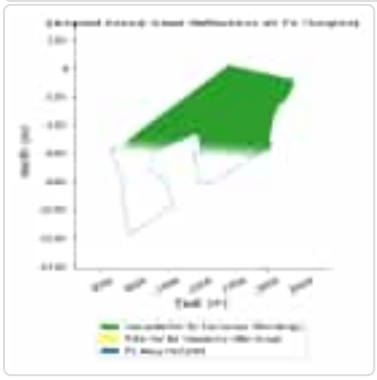
PV array is expected to produce the following glare for this receptor:

- 523 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 5 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	864	0
FP: Peacocks Farm RWY 06	0	0
FP: Peacocks Farm RWY 24	1941	0
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	0	0
FP: South Hykeham RWY 10	8647	15576
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	1043	0
FP: South Hykeham RWY 31	2772	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	1813	0
OP: 1-ATCT	170	0

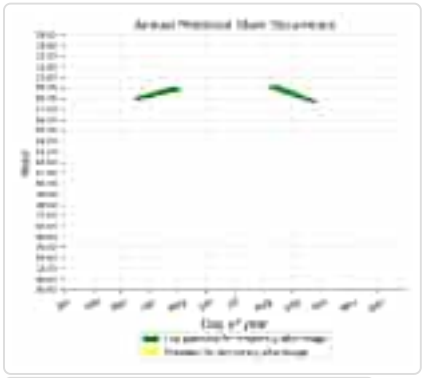
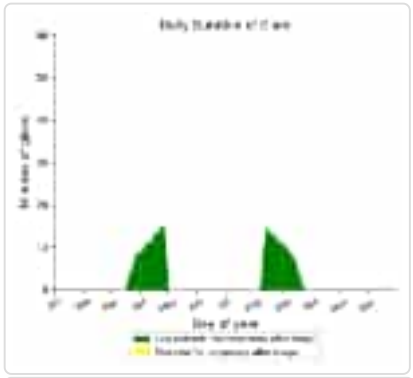
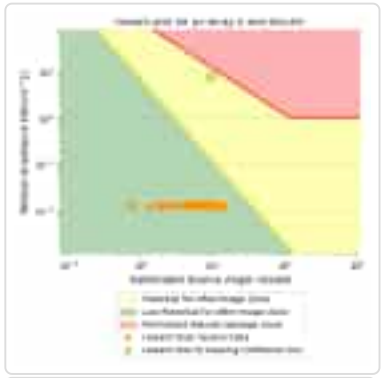
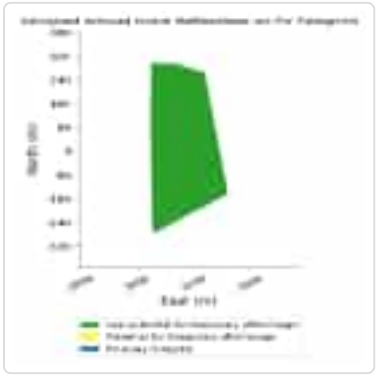
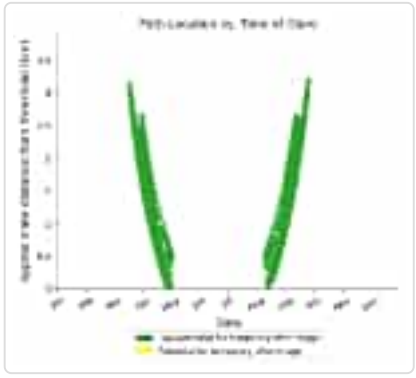
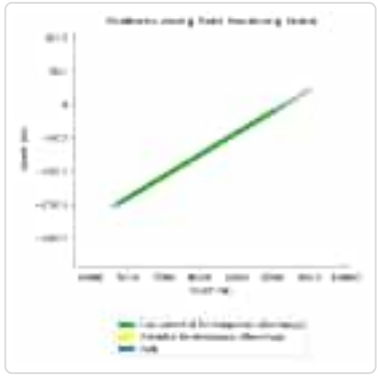
PV array 5: Blackmoor Farm RWY 06

No glare found

PV array 5: Blackmoor Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 864 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

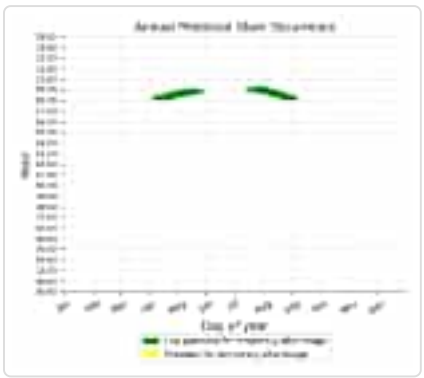
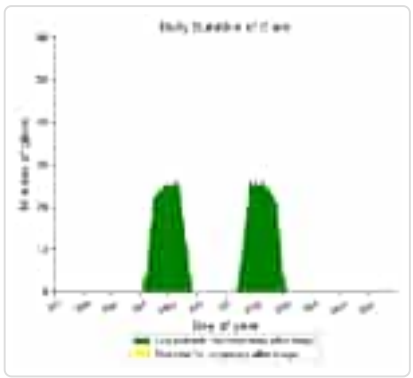
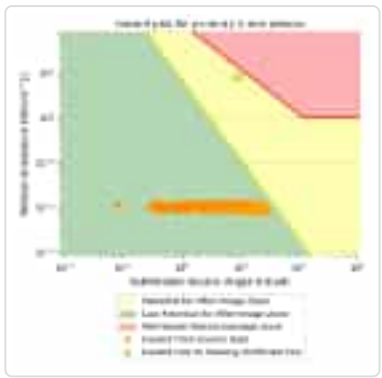
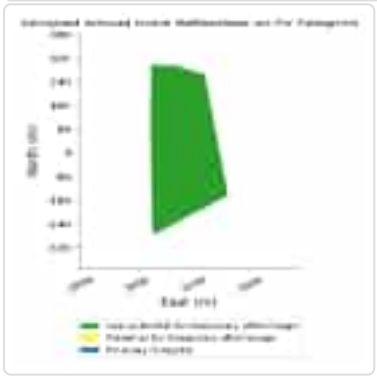
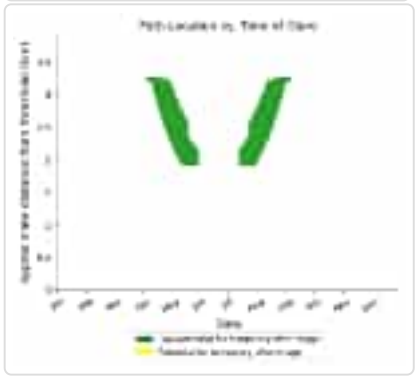
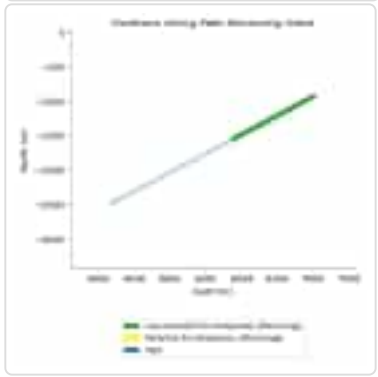
PV array 5: Peacocks Farm RWY 06

No glare found

PV array 5: Peacocks Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 1,941 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 5: RAF Waddington RWY 02

No glare found

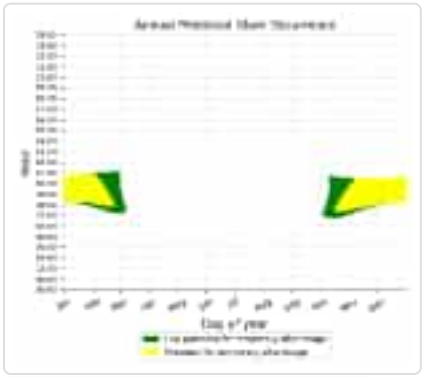
PV array 5: RAF Waddington RWY 20

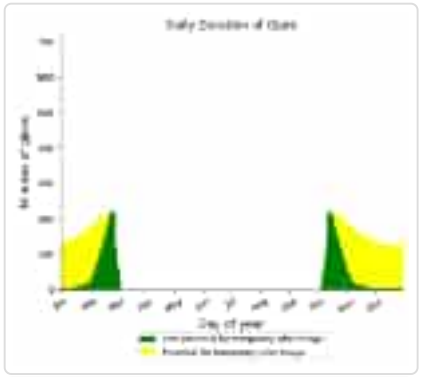
No glare found

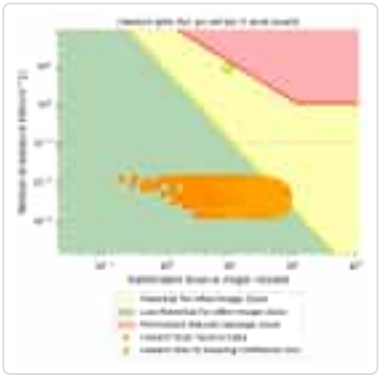
PV array 5: South Hykeham RWY 10

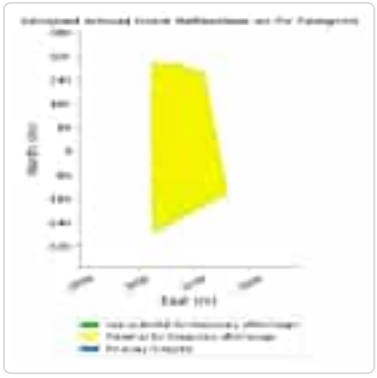
PV array is expected to produce the following glare for this receptor:

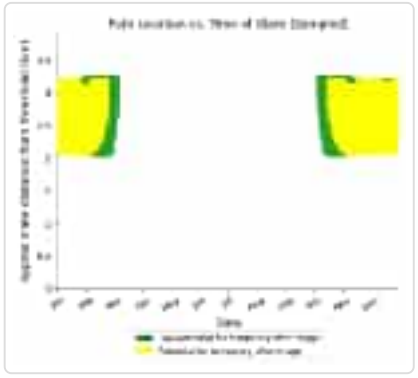
- 8,647 minutes of "green" glare with low potential to cause temporary after-image.
- 15,576 minutes of "yellow" glare with potential to cause temporary after-image.

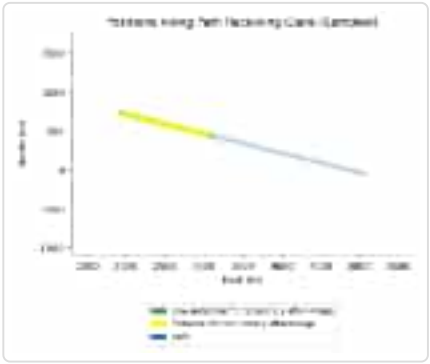












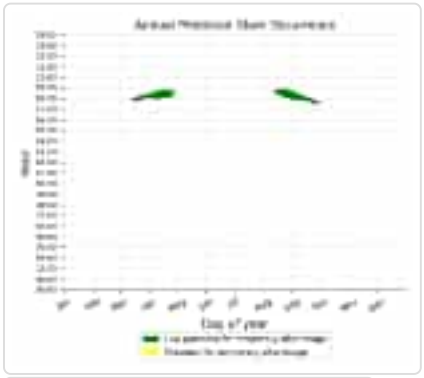
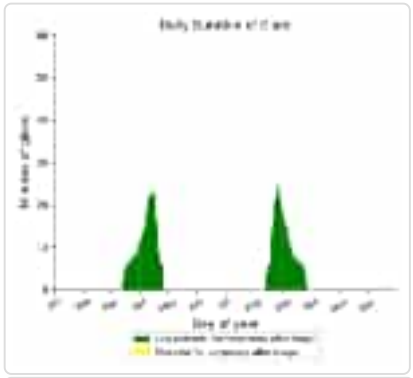
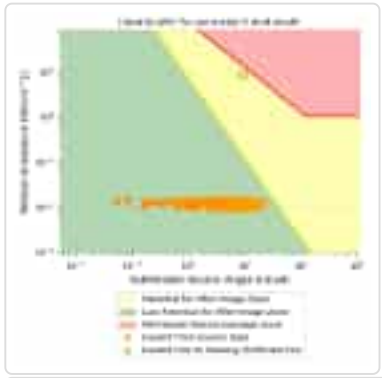
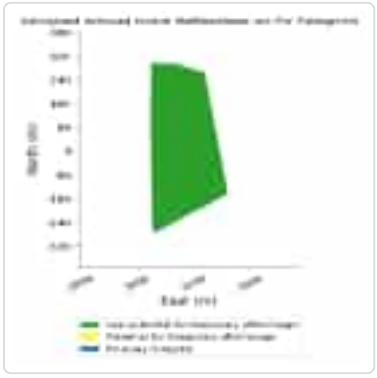
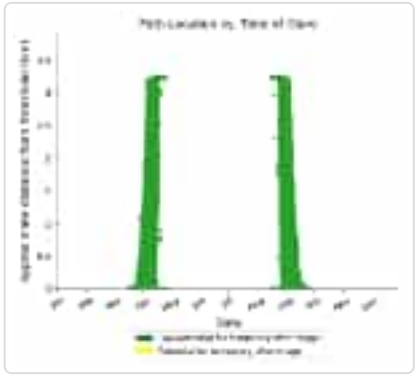
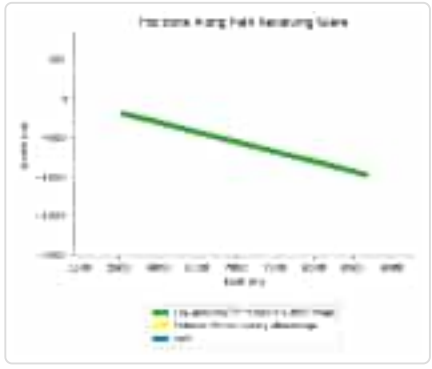
PV array 5: South Hykeham RWY 13

No glare found

PV array 5: South Hykeham RWY 28

PV array is expected to produce the following glare for this receptor:

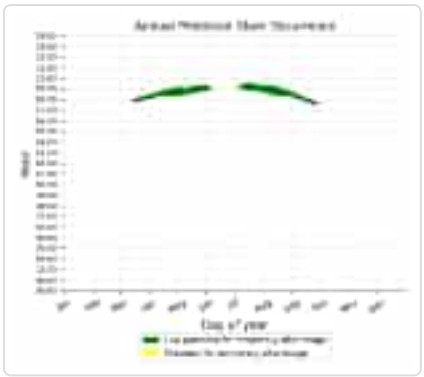
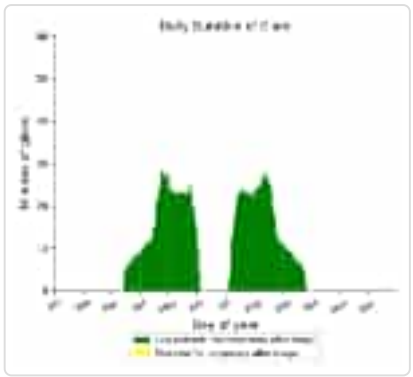
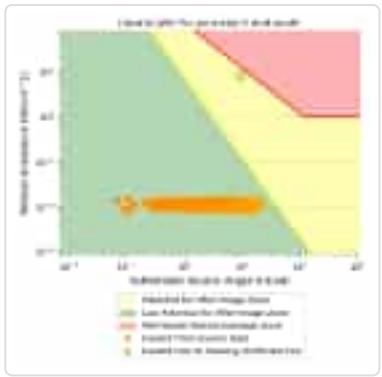
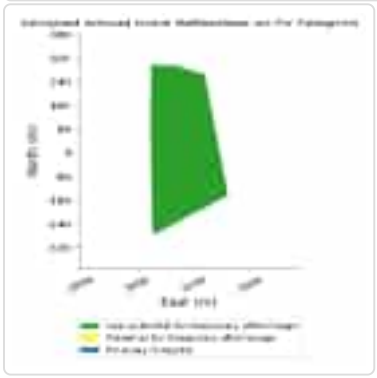
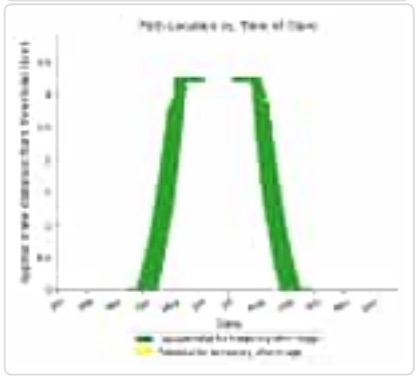
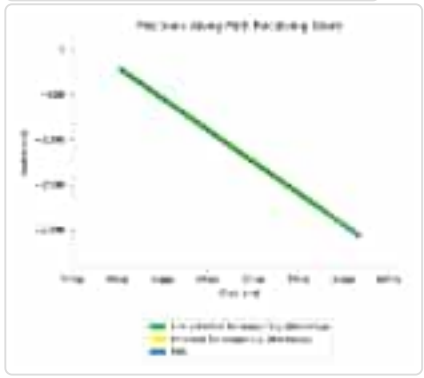
- 1,043 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 5: South Hykeham RWY 31

PV array is expected to produce the following glare for this receptor:

- 2,772 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

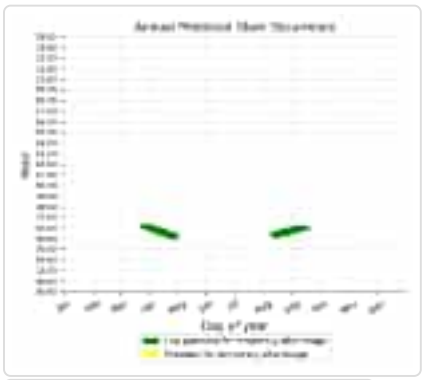
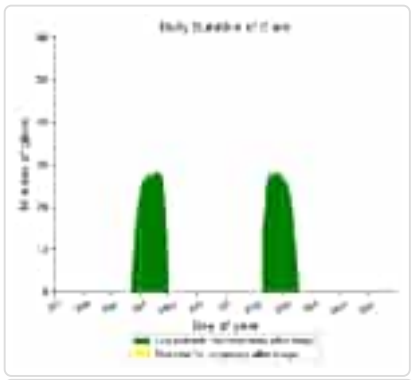
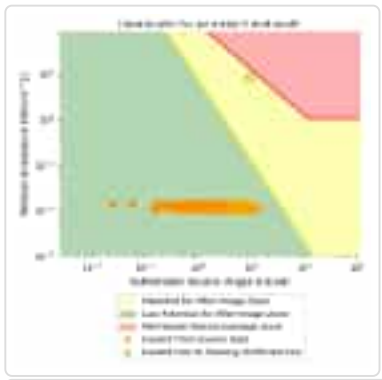
PV array 5: South Scarle RW 28

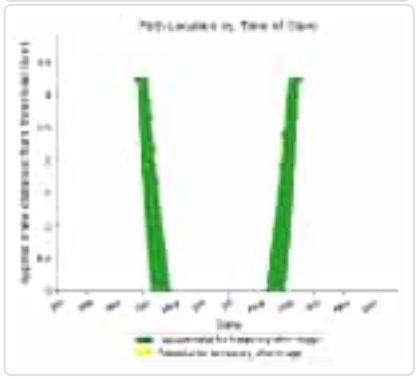
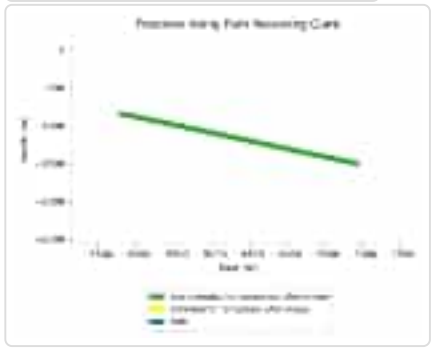
No glare found

PV array 5: South Scarle RWY 10

PV array is expected to produce the following glare for this receptor:

- 1,813 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

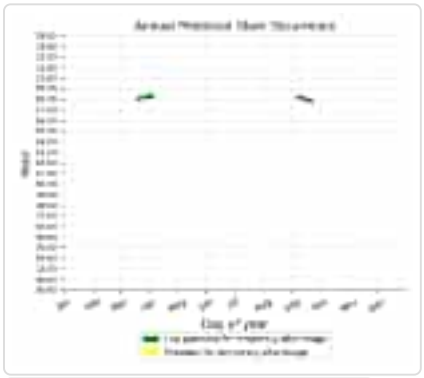
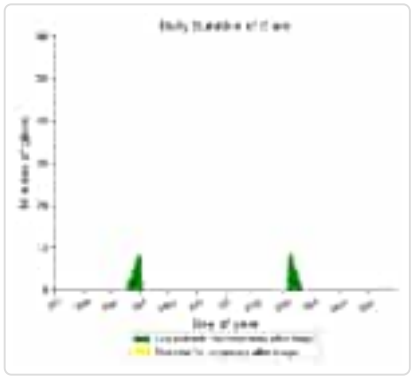
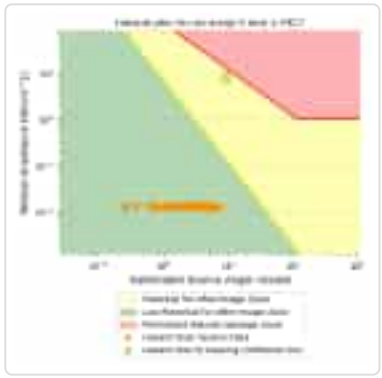
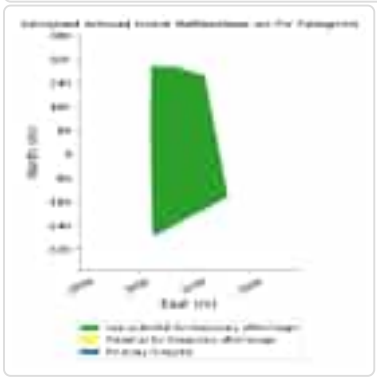




PV array 5: 1-ATCT

PV array is expected to produce the following glare for this receptor:

- 170 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 6 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)

FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	2082	0
FP: Peacocks Farm RWY 06	0	0
FP: Peacocks Farm RWY 24	2901	1360
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	279	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	1820	0
FP: South Hykeham RWY 31	2901	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	1059	0
OP: 1-ATCT	80	0

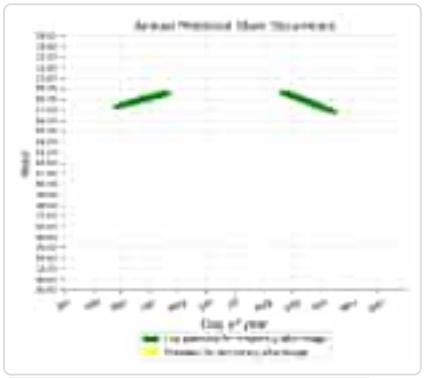
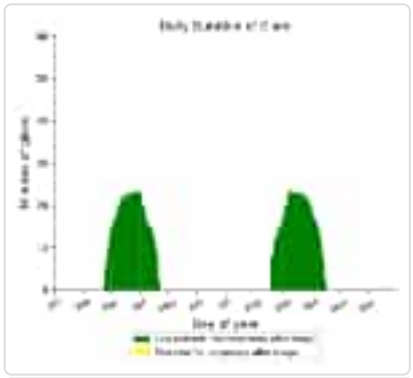
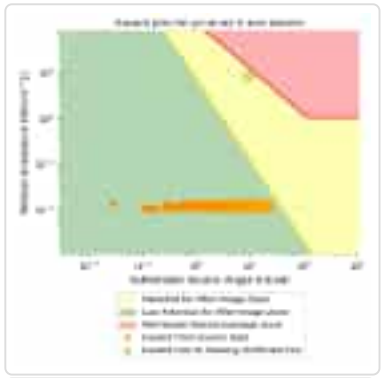
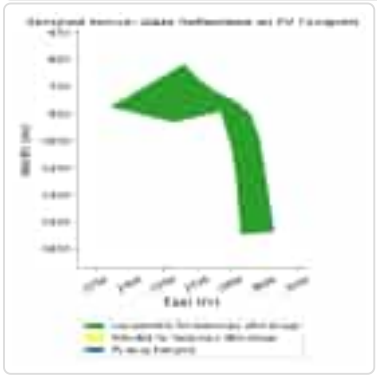
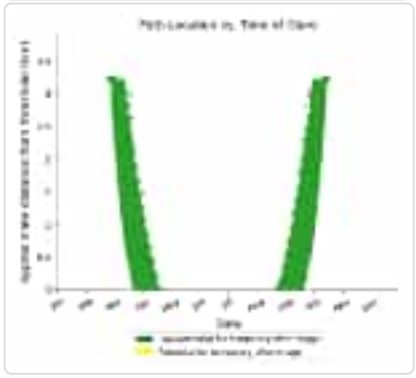
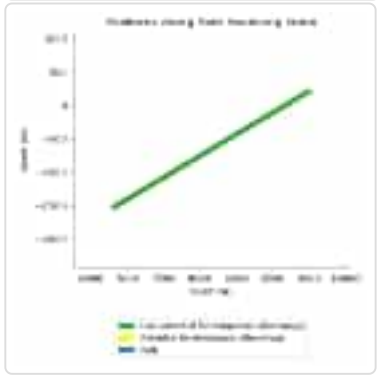
PV array 6: Blackmoor Farm RWY 06

No glare found

PV array 6: Blackmoor Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 2,082 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

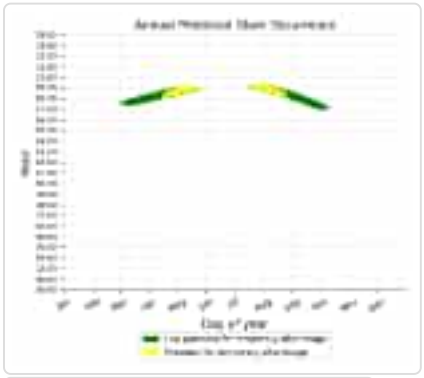
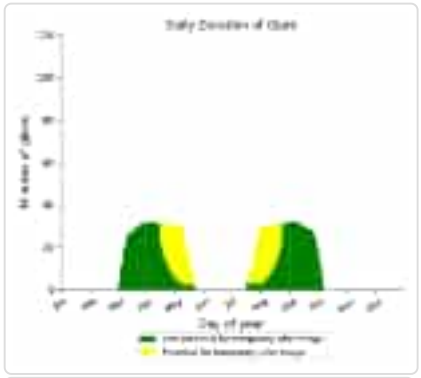
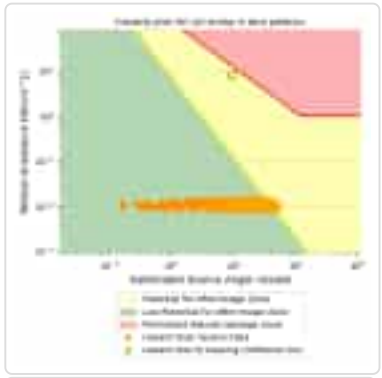
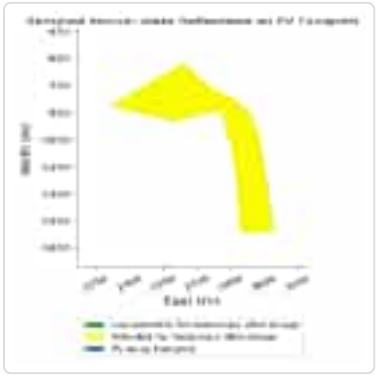
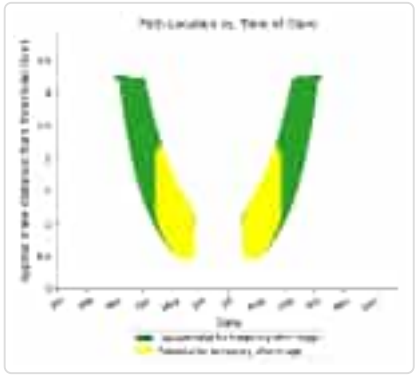
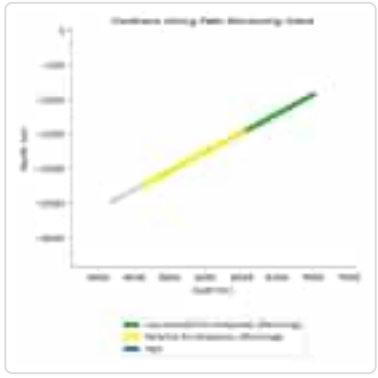
PV array 6: Peacocks Farm RWY 06

No glare found

PV array 6: Peacocks Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 2,901 minutes of "green" glare with low potential to cause temporary after-image.
- 1,360 minutes of "yellow" glare with potential to cause temporary after-image.

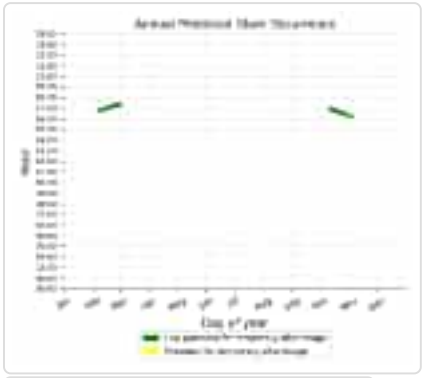
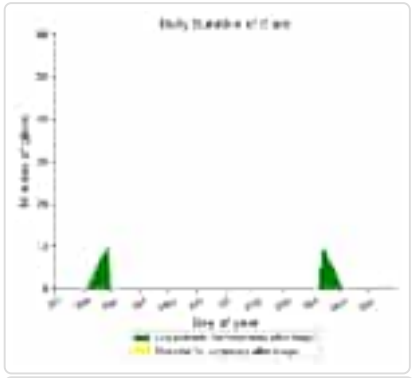
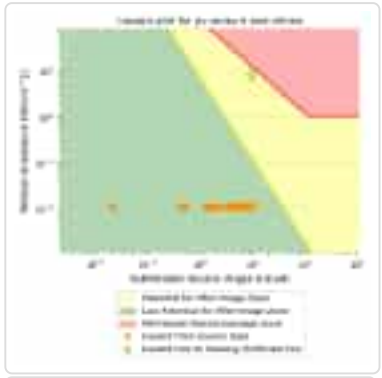
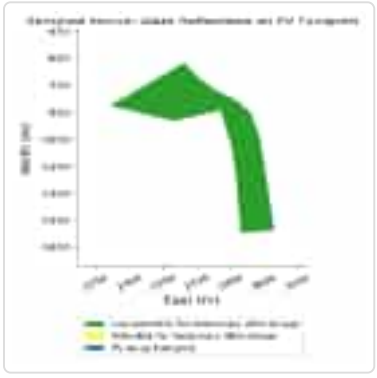
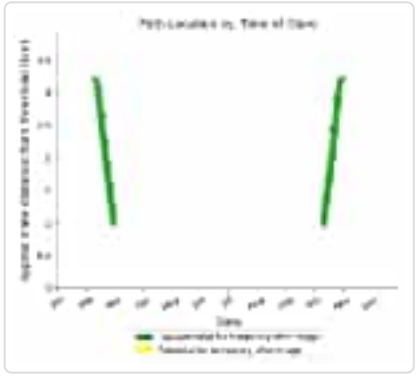
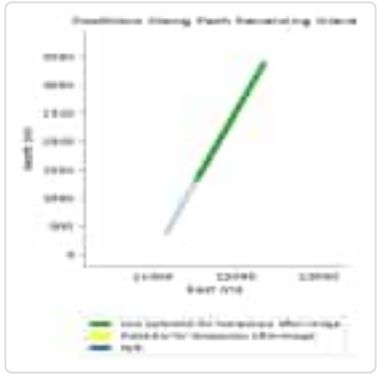
PV array 6: RAF Waddington RWY 02

No glare found

PV array 6: RAF Waddington RWY 20

PV array is expected to produce the following glare for this receptor:

- 279 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 6: South Hykeham RWY 10

No glare found

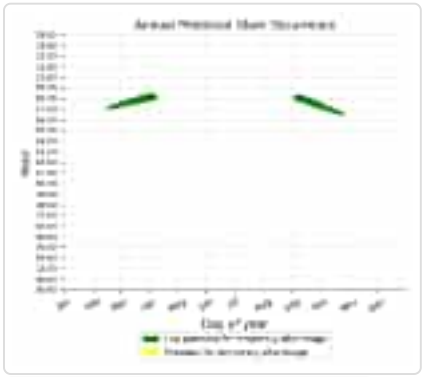
PV array 6: South Hykeham RWY 13

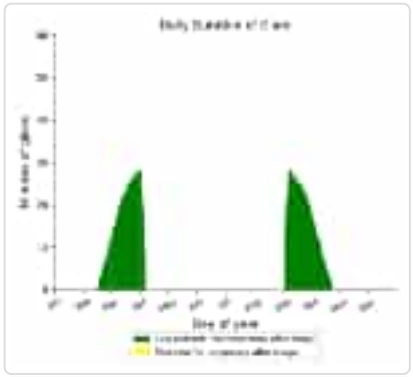
No glare found

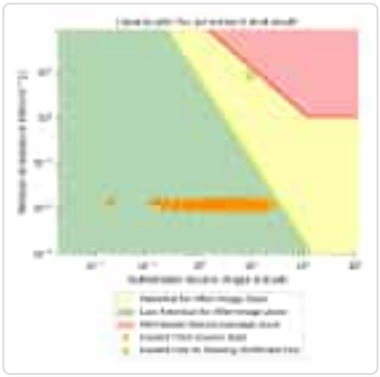
PV array 6: South Hykeham RWY 28

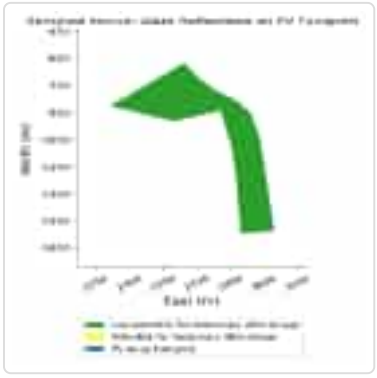
PV array is expected to produce the following glare for this receptor:

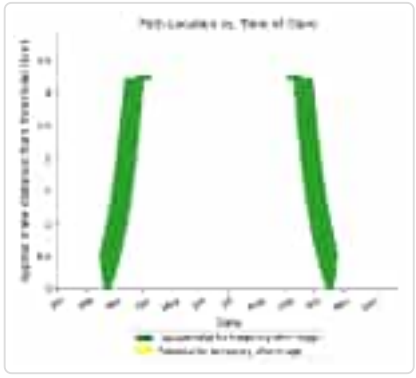
- 1,820 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

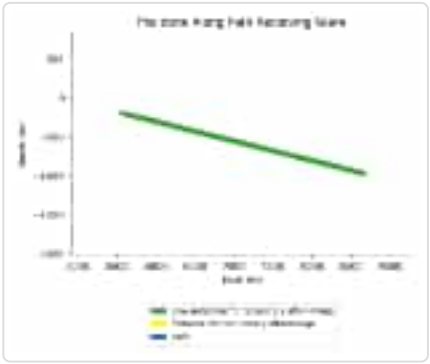








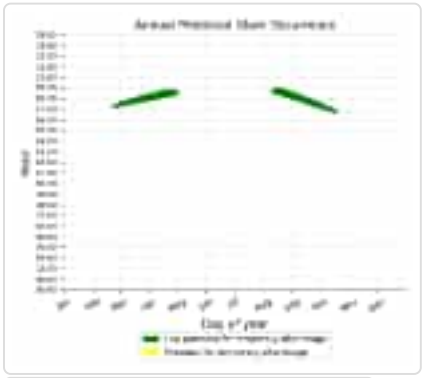
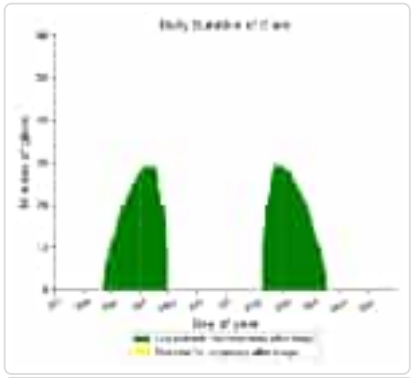
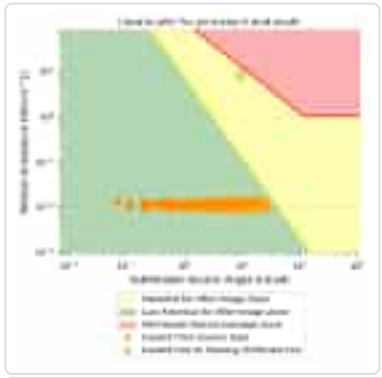
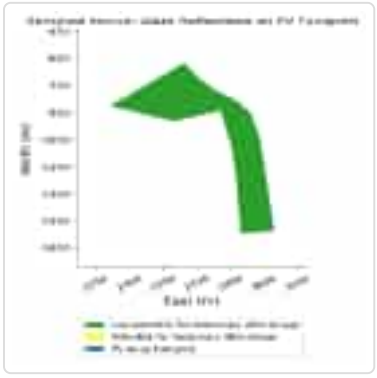
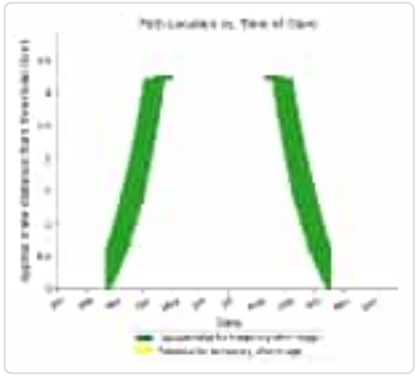
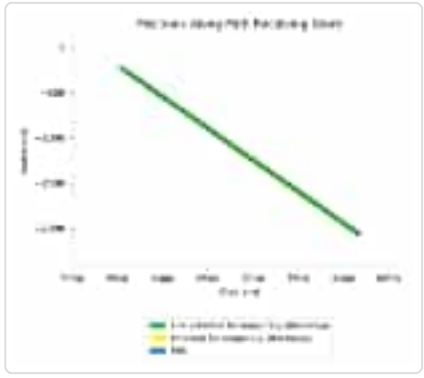




PV array 6: South Hykeham RWY 31

PV array is expected to produce the following glare for this receptor:

- 2,901 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

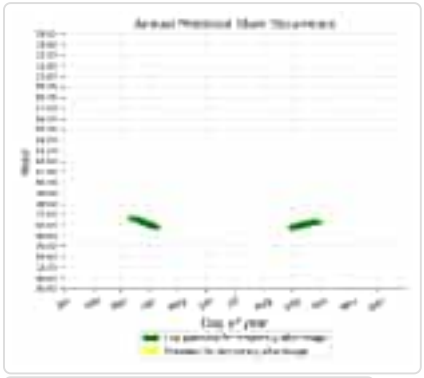
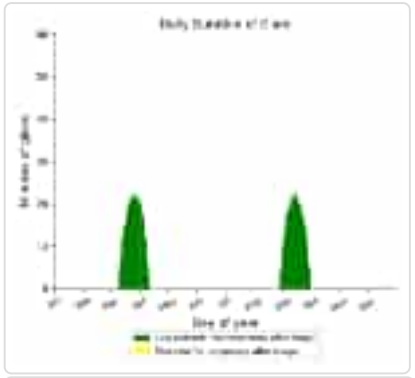
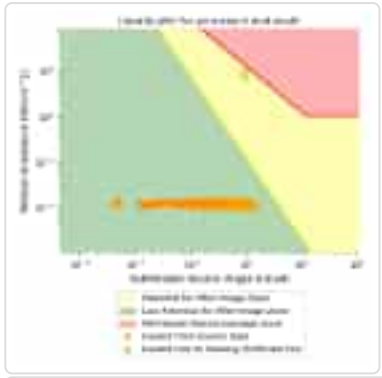
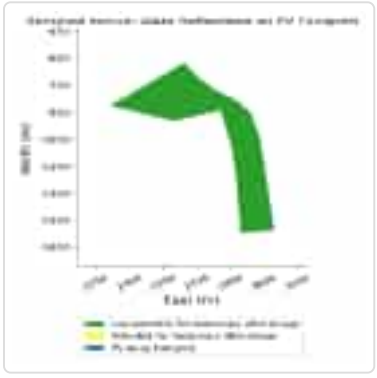
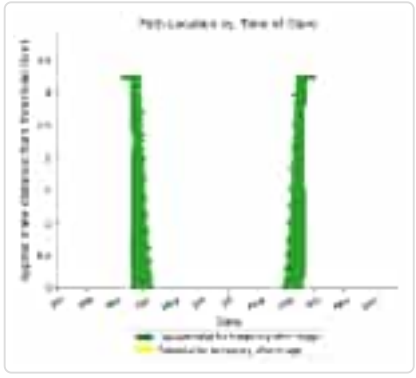
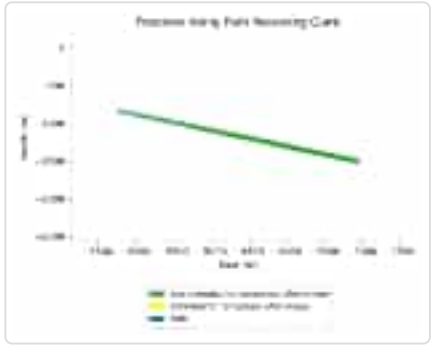
PV array 6: South Scarle RW 28

No glare found

PV array 6: South Scarle RWY 10

PV array is expected to produce the following glare for this receptor:

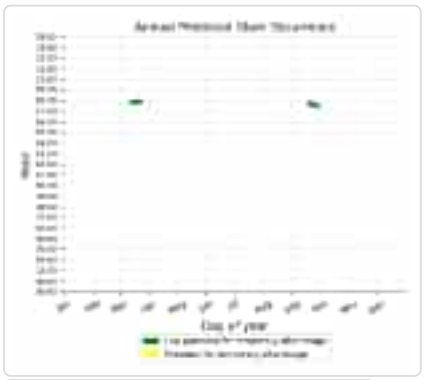
- 1,059 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

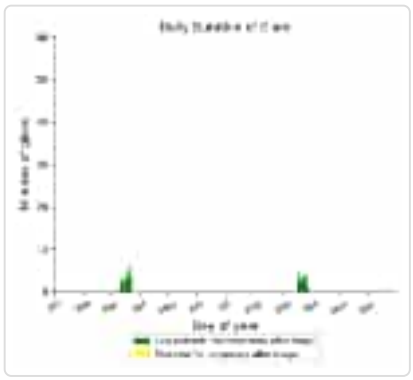







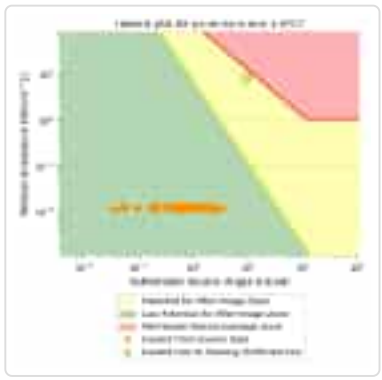
PV array 6: 1-ATCT

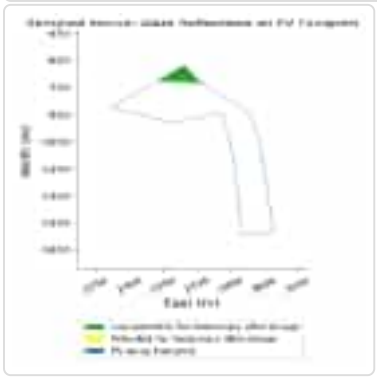
PV array is expected to produce the following glare for this receptor:

- 80 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	1896	0
FP: Peacocks Farm RWY 06	0	0
FP: Peacocks Farm RWY 24	1742	2904
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	240	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	1667	0
FP: South Hykeham RWY 31	2682	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	1398	0
OP: 1-ATCT	0	0

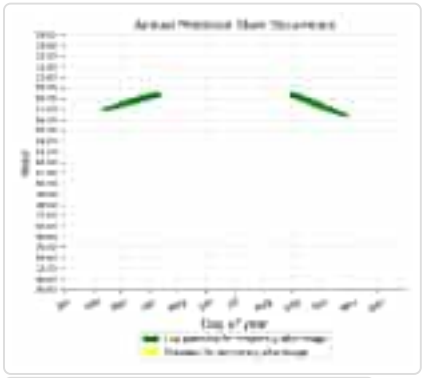
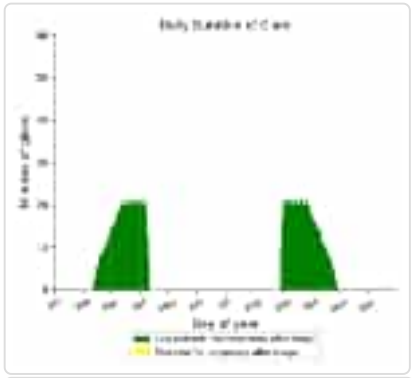
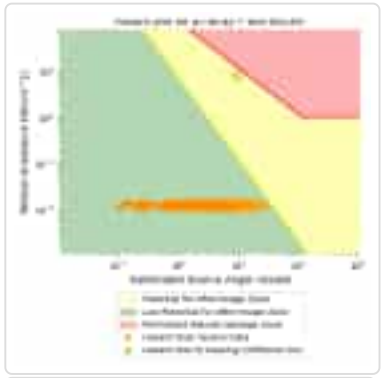
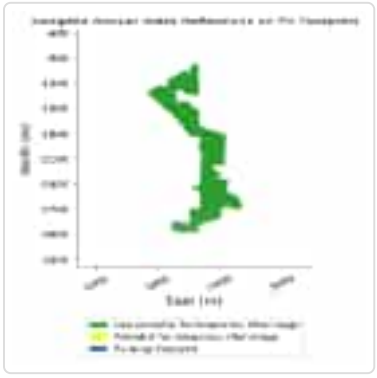
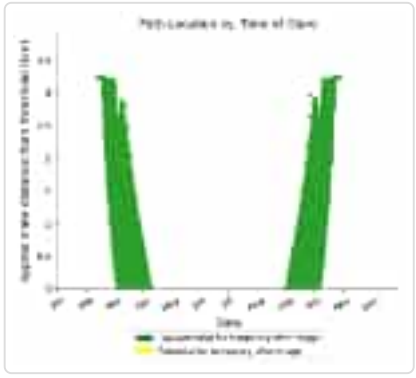
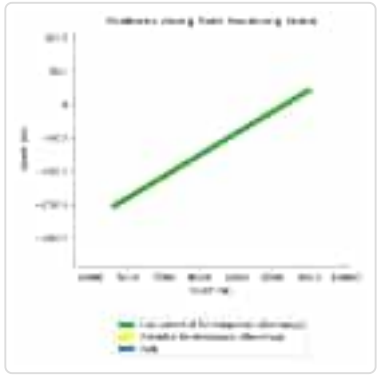
PV array 7: Blackmoor Farm RWY 06

No glare found

PV array 7: Blackmoor Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 1,896 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

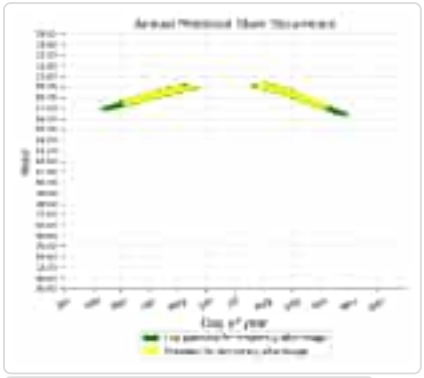
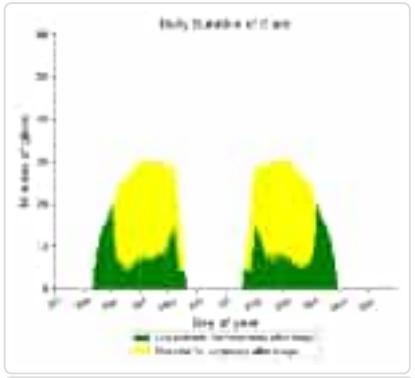
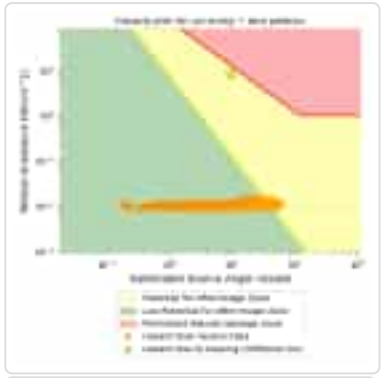
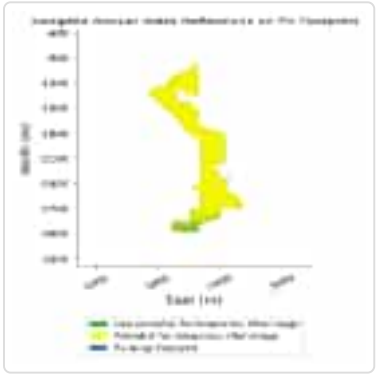
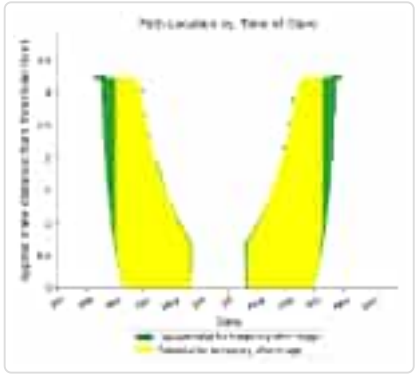
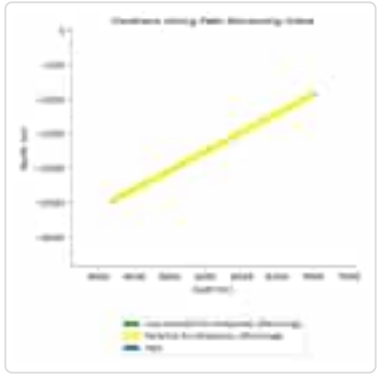
PV array 7: Peacocks Farm RWY 06

No glare found

PV array 7: Peacocks Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 1,742 minutes of "green" glare with low potential to cause temporary after-image.
- 2,904 minutes of "yellow" glare with potential to cause temporary after-image.

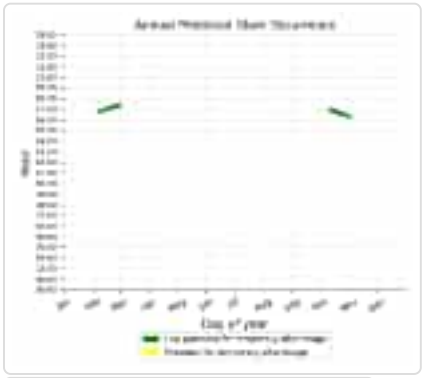
PV array 7: RAF Waddington RWY 02

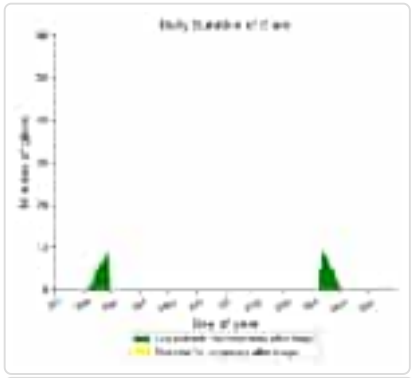
No glare found

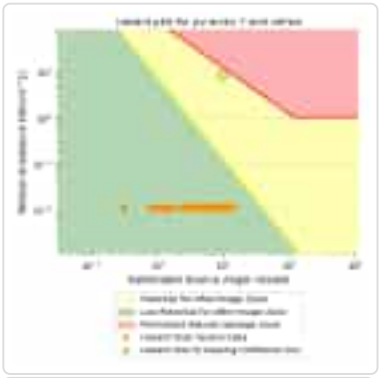
PV array 7: RAF Waddington RWY 20

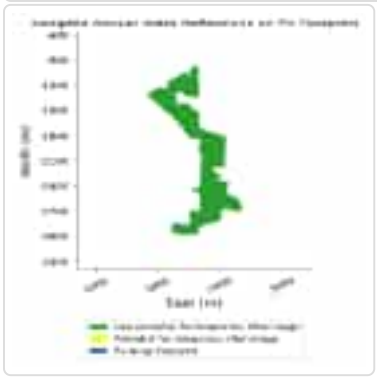
PV array is expected to produce the following glare for this receptor:

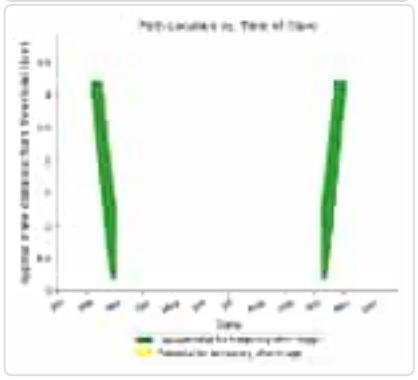
- 240 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

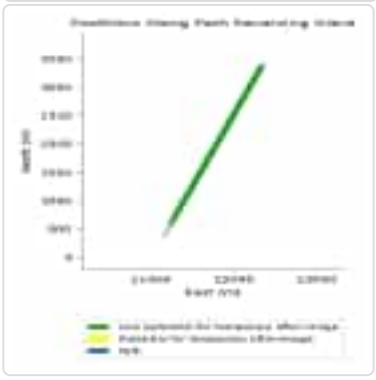












PV array 7: South Hykeham RWY 10

No glare found

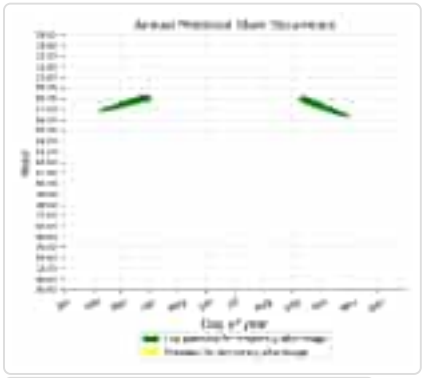
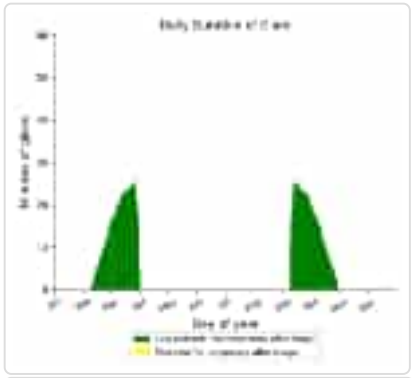
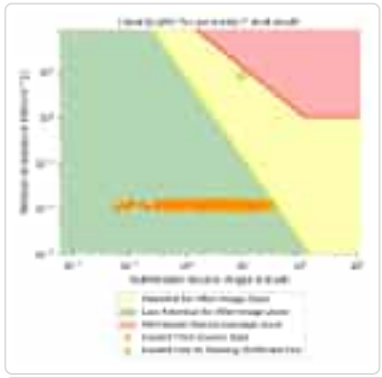
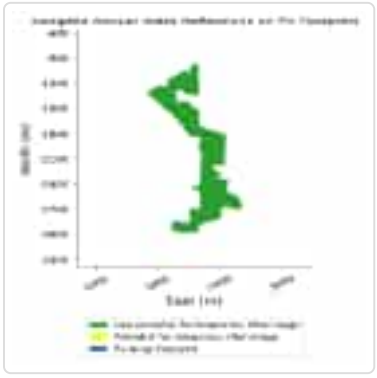
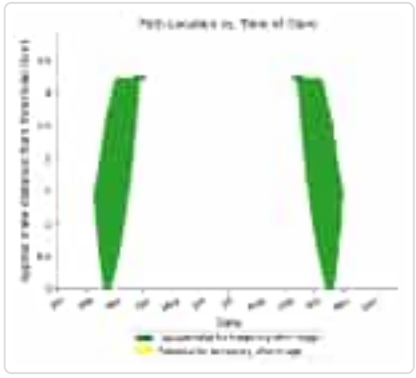
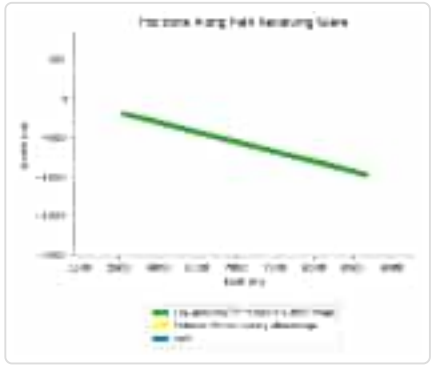
PV array 7: South Hykeham RWY 13

No glare found

PV array 7: South Hykeham RWY 28

PV array is expected to produce the following glare for this receptor:

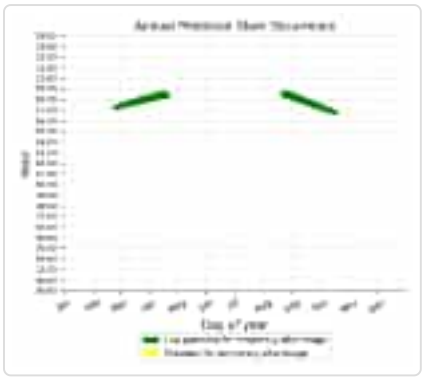
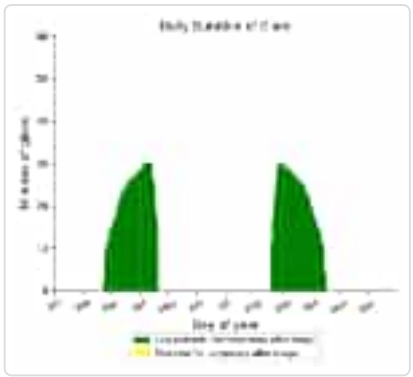
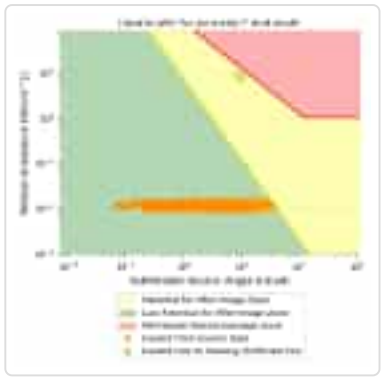
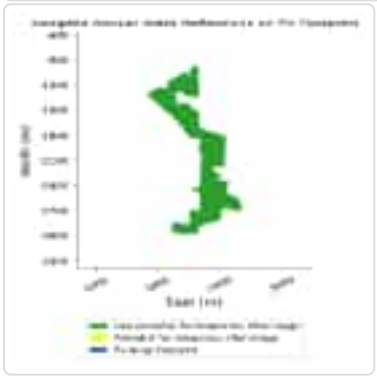
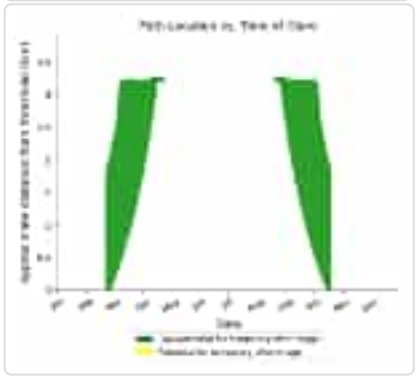
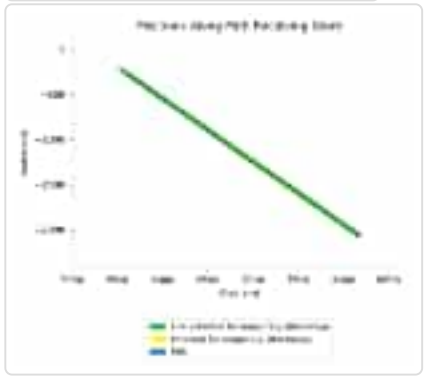
- 1,667 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 7: South Hykeham RWY 31

PV array is expected to produce the following glare for this receptor:

- 2,682 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

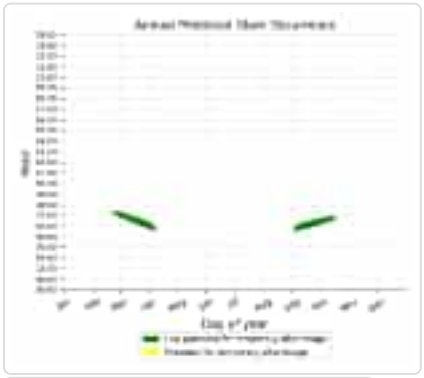
PV array 7: South Scarle RW 28

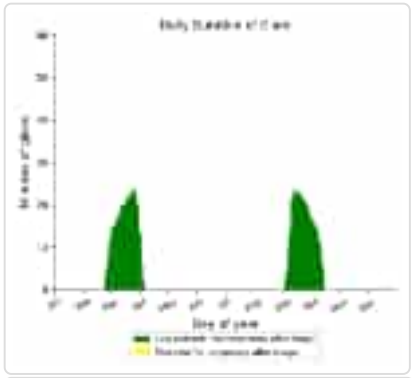
No glare found

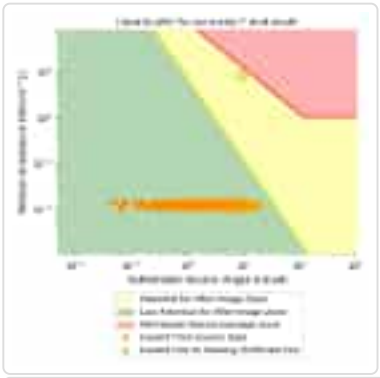
PV array 7: South Scarle RWY 10

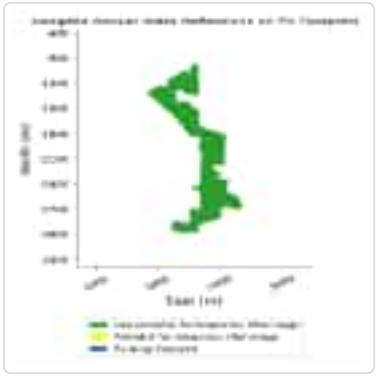
PV array is expected to produce the following glare for this receptor:

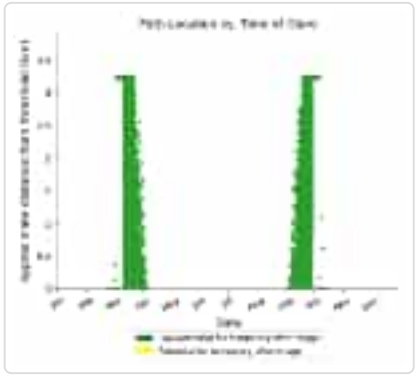
- 1,398 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

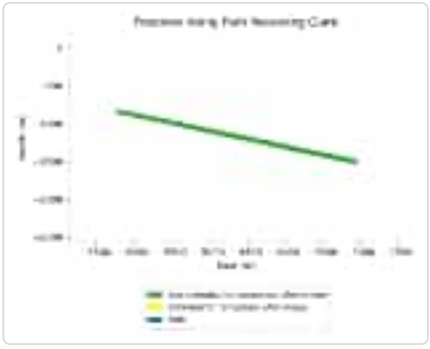












PV array 7: 1-ATCT

No glare found

PV array 8 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	346	0
FP: Peacocks Farm RWY 06	0	0
FP: Peacocks Farm RWY 24	1402	0
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	71	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	521	0
FP: South Hykeham RWY 31	1114	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	301	0
OP: 1-ATCT	0	0

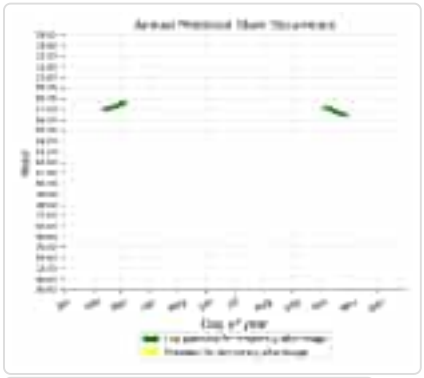
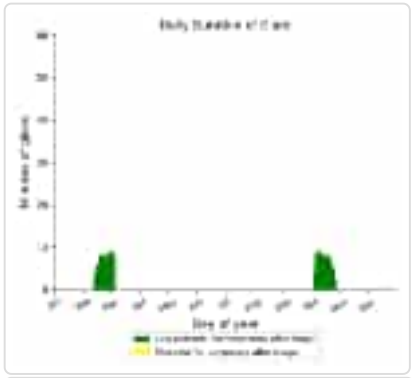
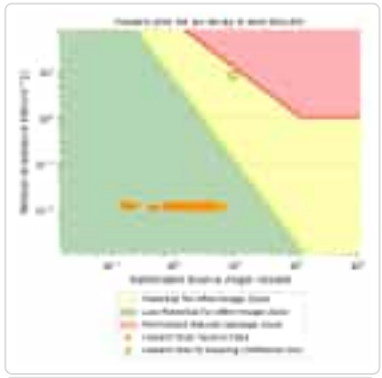
PV array 8: Blackmoor Farm RWY 06

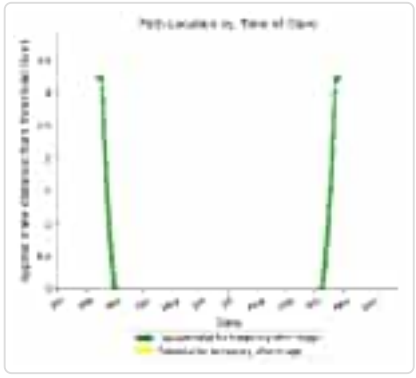
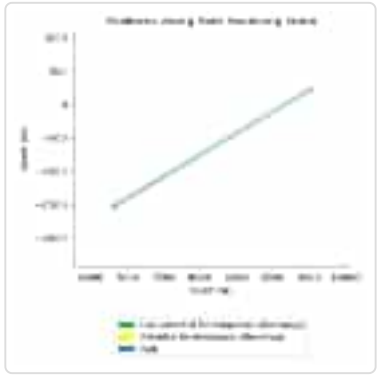
No glare found

PV array 8: Blackmoor Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 346 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

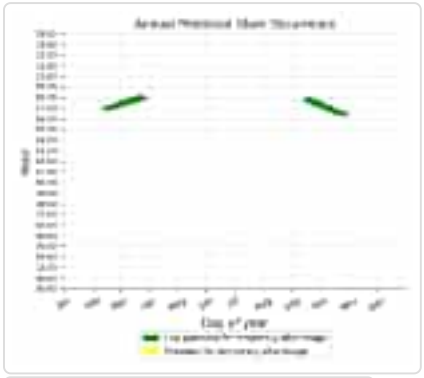
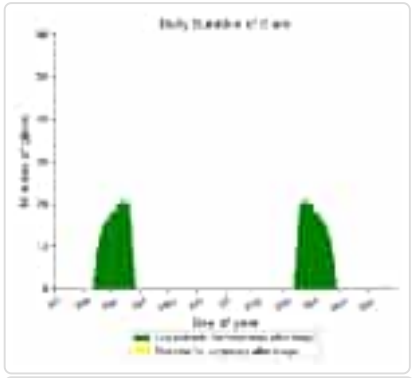
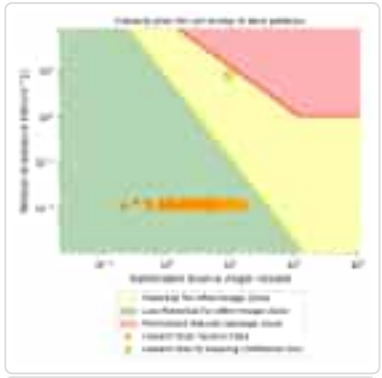
PV array 8: Peacocks Farm RWY 06

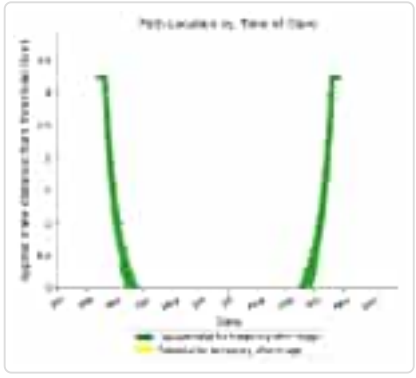
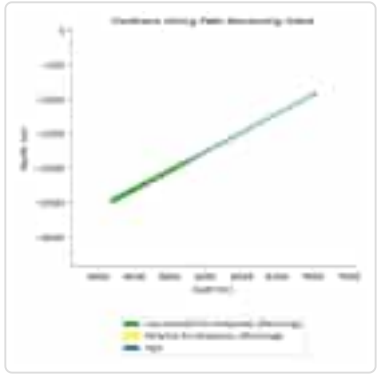
No glare found

PV array 8: Peacocks Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 1,402 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

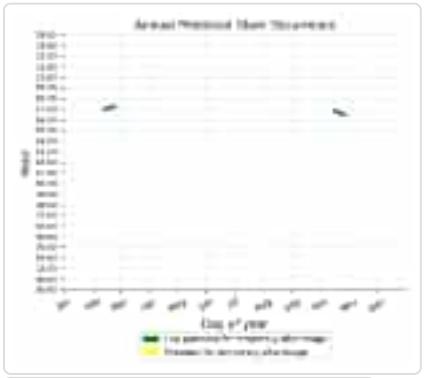
PV array 8: RAF Waddington RWY 02

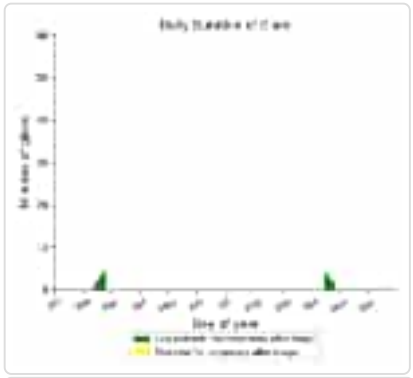
No glare found

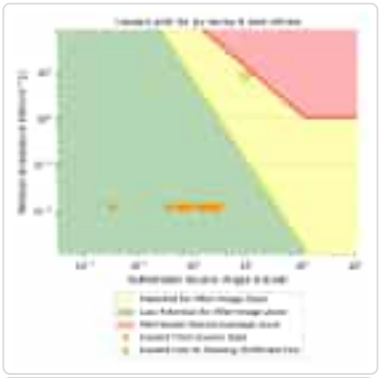
PV array 8: RAF Waddington RWY 20

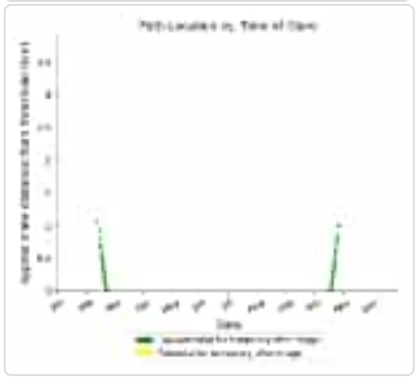
PV array is expected to produce the following glare for this receptor:

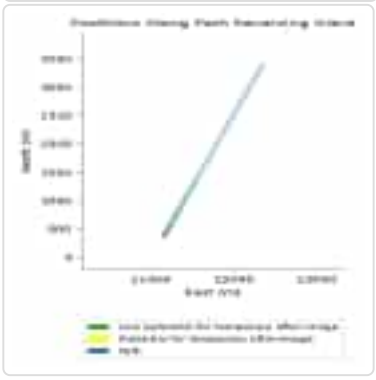
- 71 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.











PV array 8: South Hykeham RWY 10

No glare found

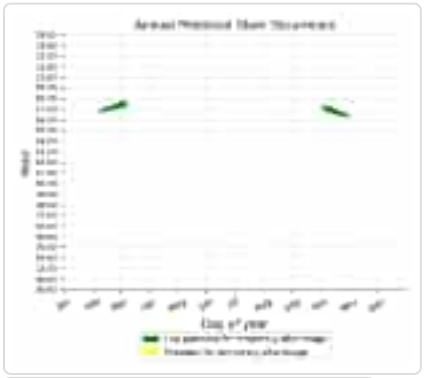
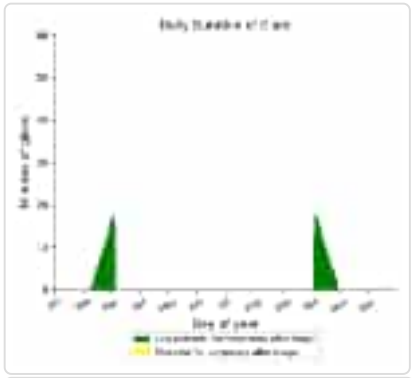
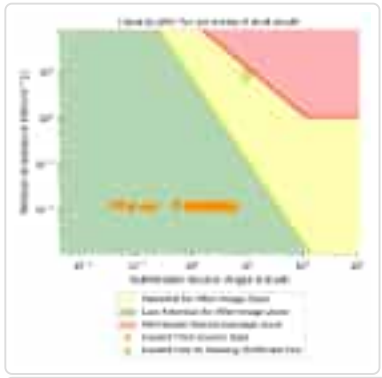
PV array 8: South Hykeham RWY 13

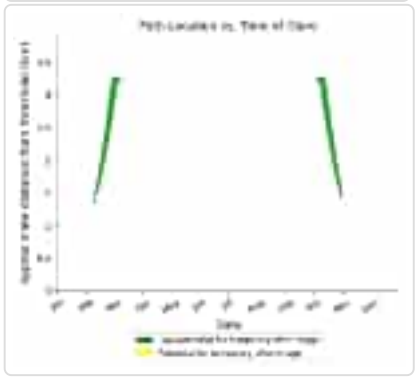
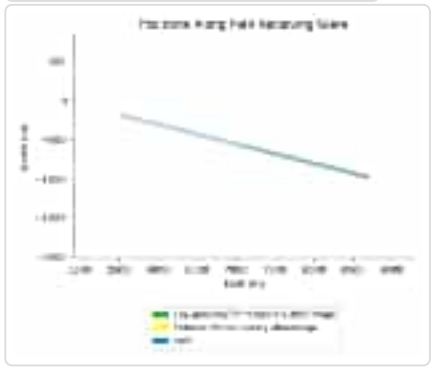
No glare found

PV array 8: South Hykeham RWY 28

PV array is expected to produce the following glare for this receptor:

- 521 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

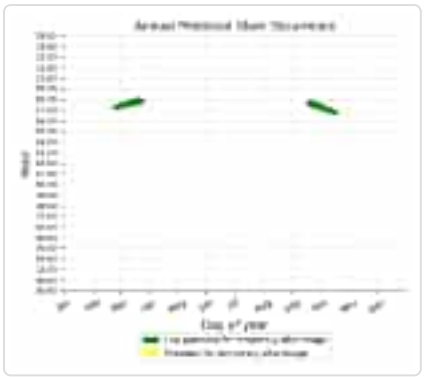
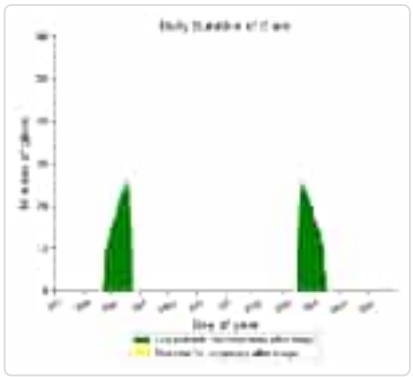
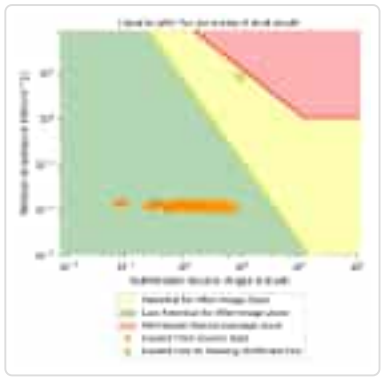




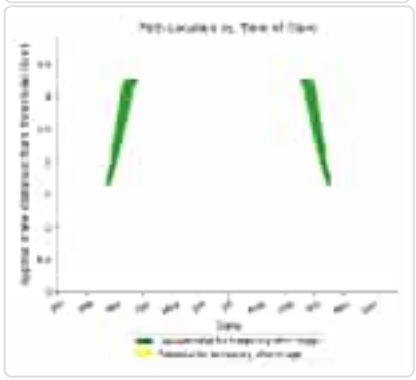
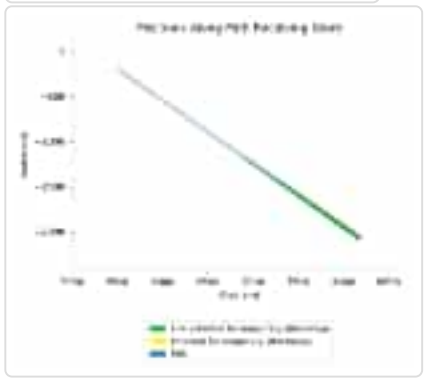



PV array 8: South Hykeham RWY 31

PV array is expected to produce the following glare for this receptor:

- 1,114 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

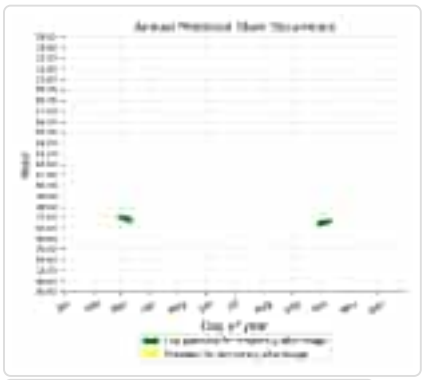
PV array 8: South Scarle RW 28

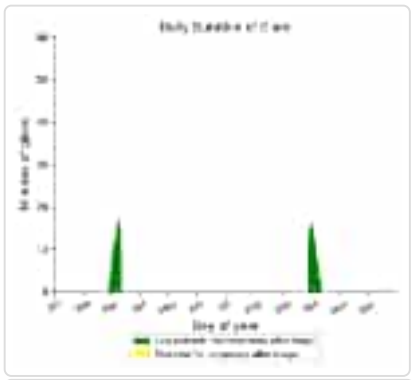
No glare found

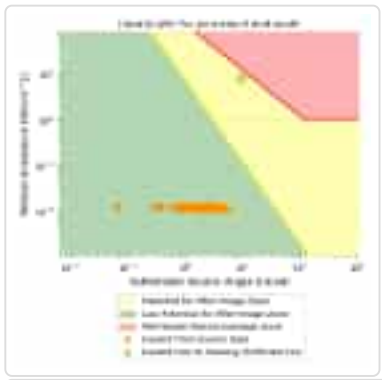
PV array 8: South Scarle RWY 10

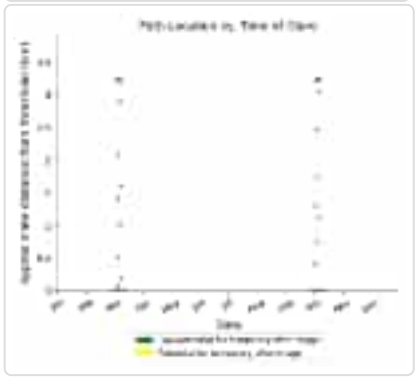
PV array is expected to produce the following glare for this receptor:

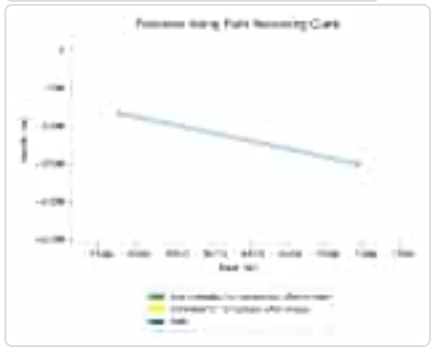
- 301 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.











PV array 8: 1-ATCT

No glare found

PV array 9 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	109	0
FP: Peacocks Farm RWY 06	0	0
FP: Peacocks Farm RWY 24	320	0
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	19	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	296	0
FP: South Hykeham RWY 31	649	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	229	0
OP: 1-ATCT	0	0

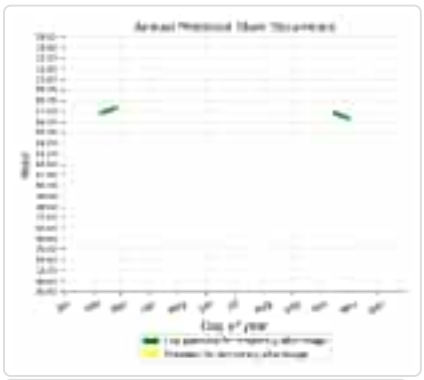
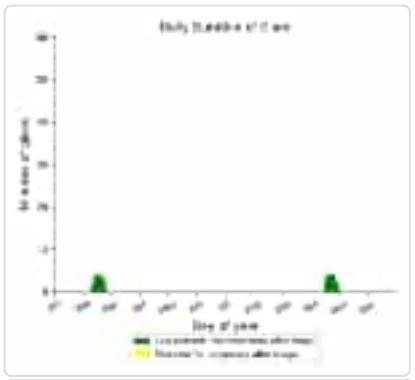
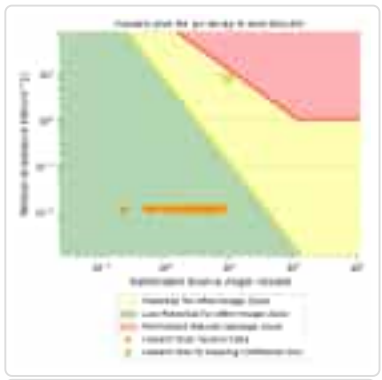
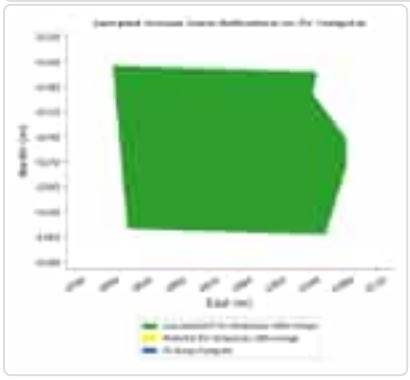
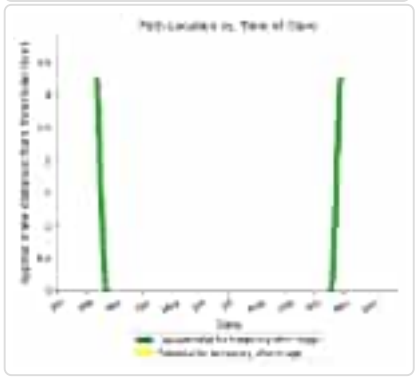
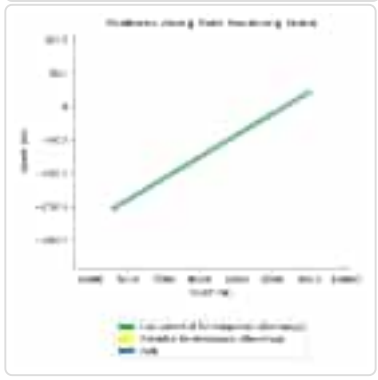
PV array 9: Blackmoor Farm RWY 06

No glare found

PV array 9: Blackmoor Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 109 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

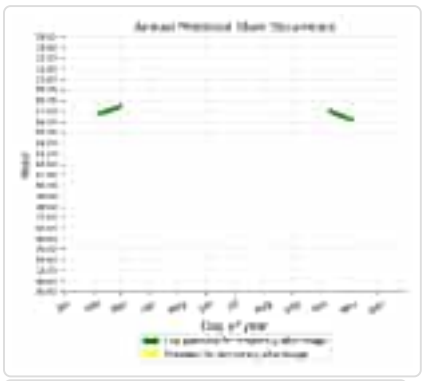
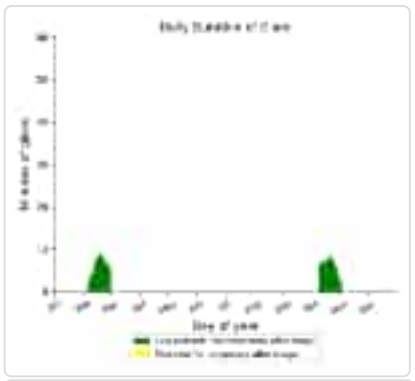
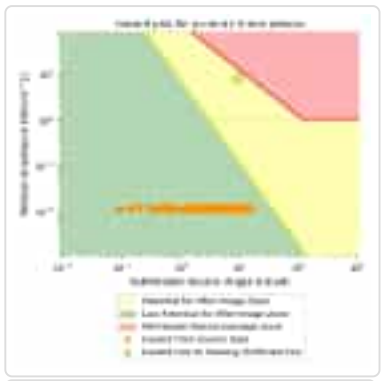
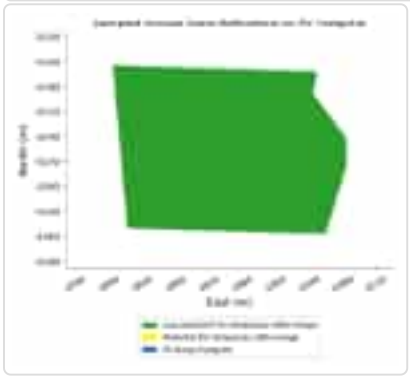
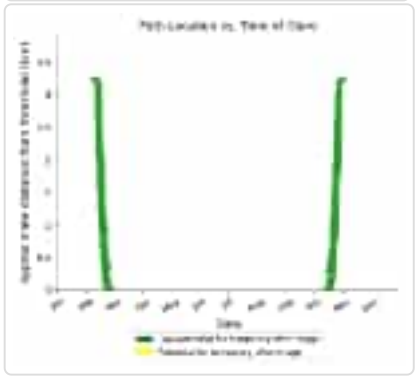
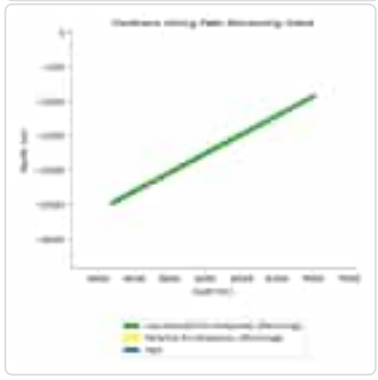
PV array 9: Peacocks Farm RWY 06

No glare found

PV array 9: Peacocks Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 320 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

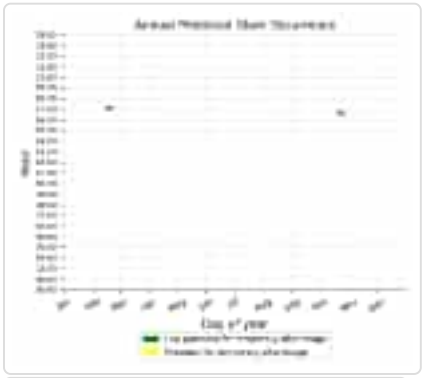
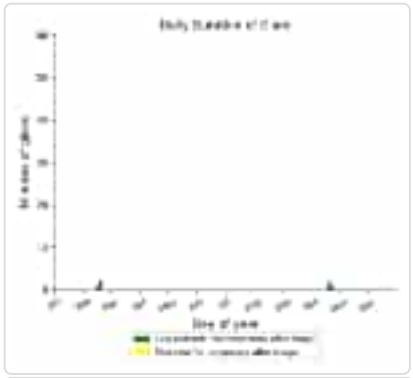
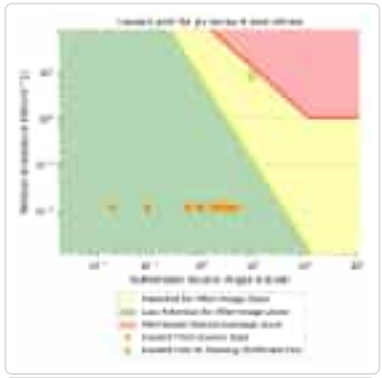
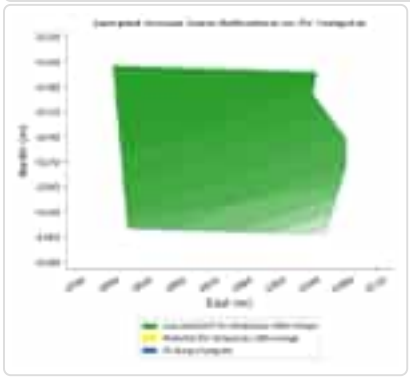
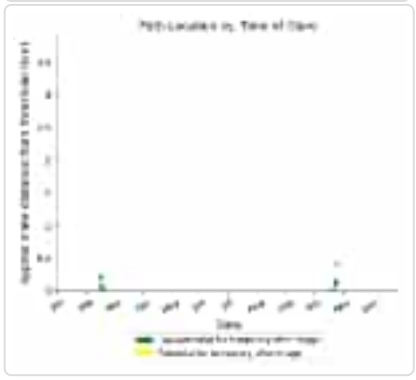
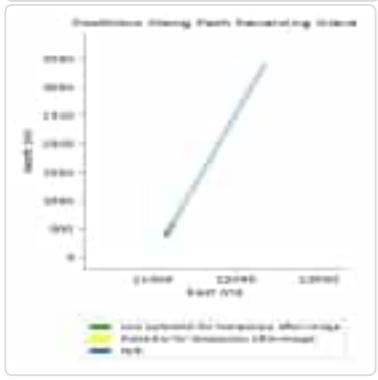
PV array 9: RAF Waddington RWY 02

No glare found

PV array 9: RAF Waddington RWY 20

PV array is expected to produce the following glare for this receptor:

- 19 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 9: South Hykeham RWY 10

No glare found

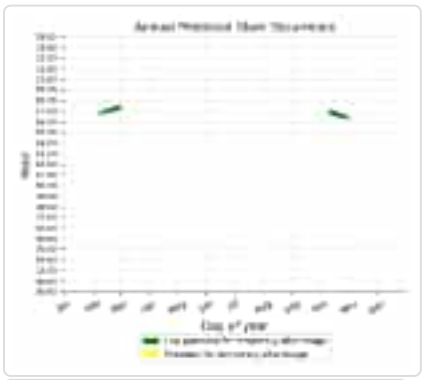
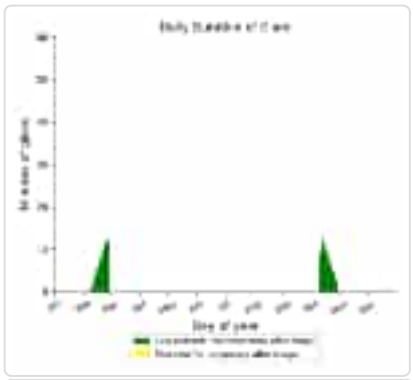
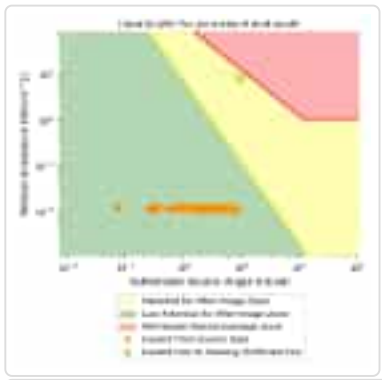
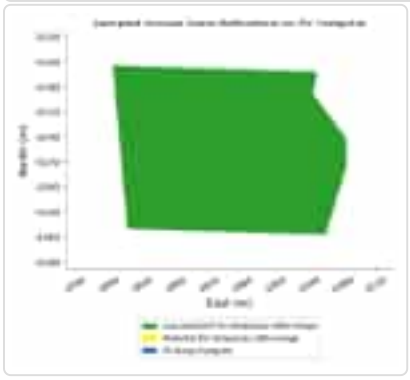
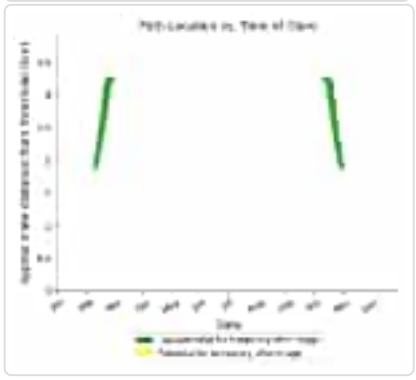
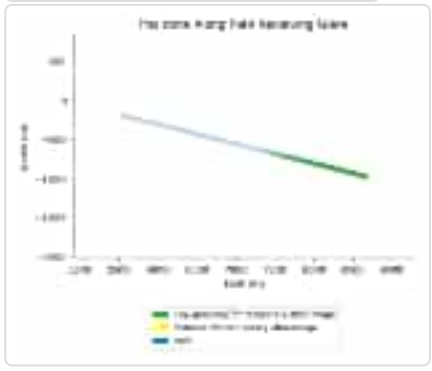
PV array 9: South Hykeham RWY 13

No glare found

PV array 9: South Hykeham RWY 28

PV array is expected to produce the following glare for this receptor:

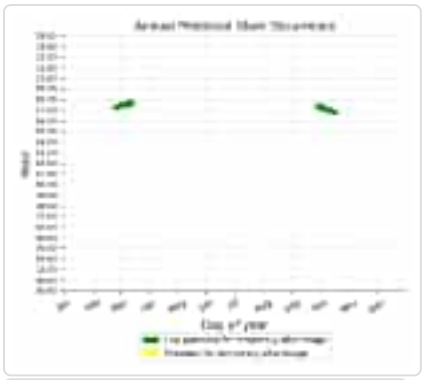
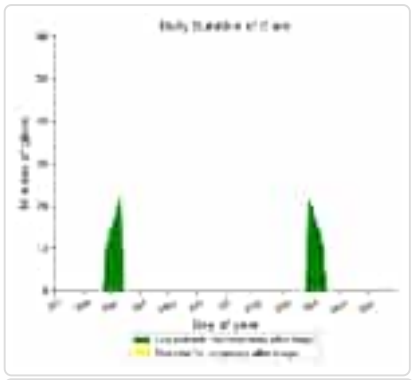
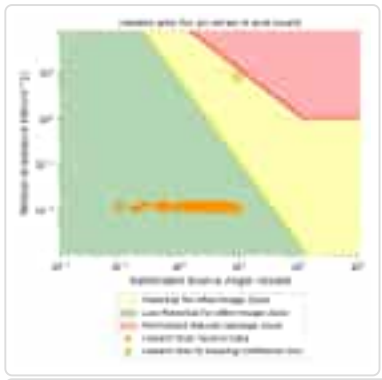
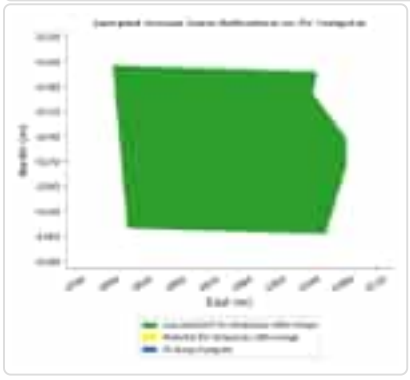
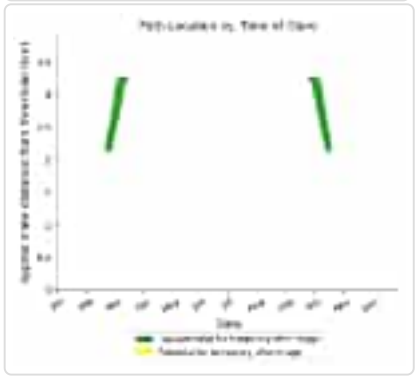
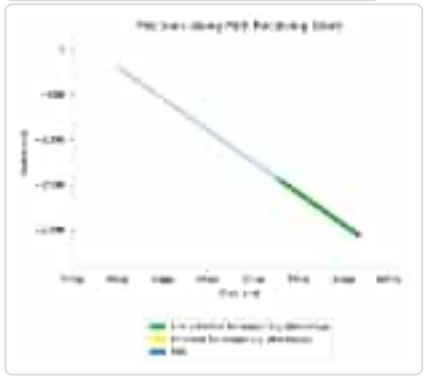
- 296 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 9: South Hykeham RWY 31

PV array is expected to produce the following glare for this receptor:

- 649 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

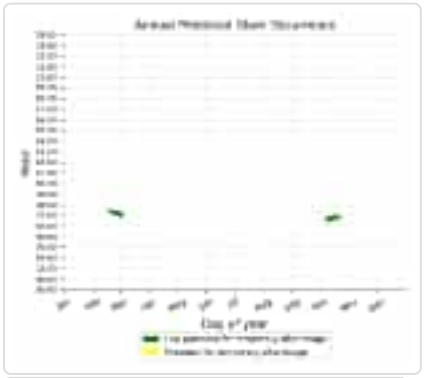
PV array 9: South Scarle RW 28

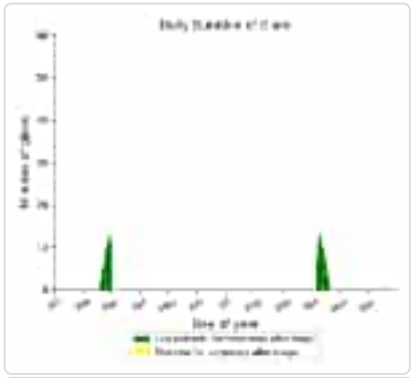
No glare found

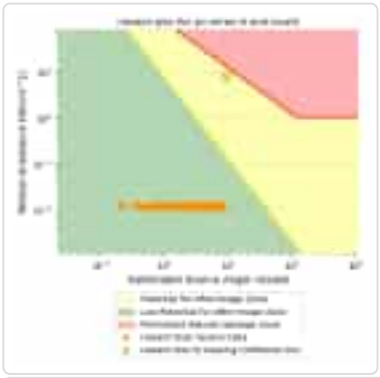
PV array 9: South Scarle RWY 10

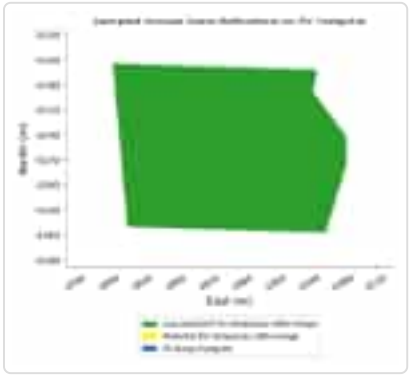
PV array is expected to produce the following glare for this receptor:

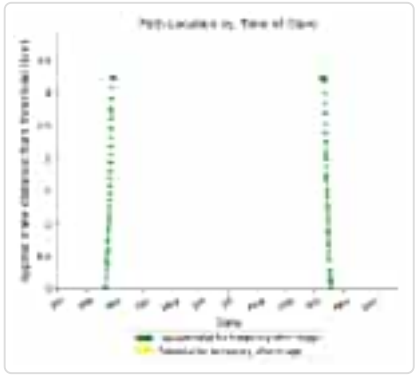
- 229 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

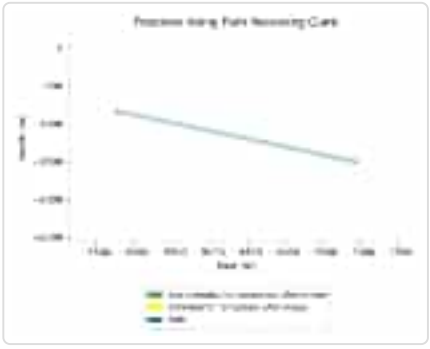












PV array 9: 1-ATCT

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Fosse Green Solar Farm

Fosse Green SF Aviation 45 Degrees

Created Jan 11, 2024
Updated Sep 04, 2024
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 109532.18719

Project type Advanced
Project status: active
Category 10 MW to 100 MW

Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
PV array 1	45.0	180.0	10,507	481	-
PV array 10	45.0	180.0	44,769	9,108	-
PV array 11	45.0	180.0	76,292	7,417	-
PV array 12	45.0	180.0	594	0	-
PV array 13	45.0	180.0	12,435	0	-
PV array 14	45.0	180.0	3,665	721	-
PV array 15	45.0	180.0	0	0	-
PV array 2	45.0	180.0	14,859	150	-
PV array 3	45.0	180.0	6,566	693	-
PV array 4	45.0	180.0	9,342	1,510	-
PV array 5	45.0	180.0	11,510	0	-
PV array 6	45.0	180.0	6,656	650	-
PV array 7	45.0	180.0	4,133	1,803	-
PV array 8	45.0	180.0	0	0	-
PV array 9	45.0	180.0	919	0	-

Component Data

PV Array(s)

Total PV footprint area: 5,150,057 m^2

Name: PV array 1
Footprint area: 534,233 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.173327	-0.683693	15.22	3.50	18.72
2	53.171796	-0.684143	15.03	3.50	18.53
3	53.171552	-0.683478	15.19	3.50	18.69
4	53.171127	-0.682985	15.98	3.50	19.48
5	53.169712	-0.681805	15.00	3.50	18.50
6	53.168092	-0.681418	16.50	3.50	20.00
7	53.167989	-0.682362	16.00	3.50	19.50
8	53.167616	-0.682427	15.86	3.50	19.36
9	53.166844	-0.682749	16.00	3.50	19.50
10	53.166574	-0.682985	16.00	3.50	19.50
11	53.166123	-0.682920	16.00	3.50	19.50
12	53.166394	-0.680345	17.00	3.50	20.50
13	53.166741	-0.680410	16.40	3.50	19.90
14	53.166831	-0.679530	17.48	3.50	20.98
15	53.167320	-0.679659	17.17	3.50	20.67
16	53.167564	-0.677277	20.64	3.50	24.14
17	53.166522	-0.676741	20.78	3.50	24.28
18	53.164593	-0.675024	20.02	3.50	23.52
19	53.163010	-0.673672	18.14	3.50	21.64
20	53.162869	-0.672857	19.04	3.50	22.54
21	53.163088	-0.672084	19.80	3.50	23.30
22	53.163679	-0.671333	23.18	3.50	26.68
23	53.165403	-0.672857	27.63	3.50	31.13
24	53.165648	-0.671870	30.61	3.50	34.11
25	53.166458	-0.671269	32.00	3.50	35.50
26	53.166857	-0.671569	31.99	3.50	35.49
27	53.167847	-0.667406	24.66	3.50	28.16
28	53.169468	-0.666720	25.10	3.50	28.60
29	53.169031	-0.668608	27.89	3.50	31.39
30	53.169198	-0.670067	30.98	3.50	34.48
31	53.169982	-0.673629	26.94	3.50	30.44
32	53.170246	-0.673758	26.58	3.50	30.08
33	53.171294	-0.673125	28.40	3.50	31.90
34	53.171745	-0.672299	30.82	3.50	34.32
35	53.172105	-0.674048	26.50	3.50	30.00
36	53.171674	-0.675957	22.65	3.50	26.15
37	53.171507	-0.677599	22.08	3.50	25.58
38	53.171629	-0.678414	22.99	3.50	26.49
39	53.171918	-0.678833	24.21	3.50	27.71
40	53.171809	-0.679283	22.62	3.50	26.12
41	53.171449	-0.679391	20.48	3.50	23.98
42	53.170838	-0.677985	18.51	3.50	22.01
43	53.170593	-0.678028	17.96	3.50	21.46
44	53.170606	-0.678200	17.83	3.50	21.33
45	53.171372	-0.679906	19.18	3.50	22.68
46	53.171249	-0.681719	17.42	3.50	20.92
47	53.171378	-0.681955	17.27	3.50	20.77
48	53.171333	-0.682395	16.56	3.50	20.06
49	53.171597	-0.682502	16.79	3.50	20.29
50	53.173384	-0.681622	18.75	3.50	22.25

Name: PV array 10
Footprint area: 185,320 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.150798	-0.633966	8.64	3.50	12.14
2	53.150219	-0.635436	8.34	3.50	11.84
3	53.150026	-0.636744	8.28	3.50	11.78
4	53.148983	-0.636744	9.89	3.50	13.39
5	53.148803	-0.636862	10.13	3.50	13.63
6	53.148829	-0.637045	9.76	3.50	13.26
7	53.147420	-0.637957	10.19	3.50	13.69
8	53.146461	-0.637796	10.65	3.50	14.15
9	53.146126	-0.637302	11.44	3.50	14.94
10	53.145875	-0.635146	9.74	3.50	13.24
11	53.145566	-0.635264	9.14	3.50	12.64
12	53.145451	-0.635843	9.42	3.50	12.92
13	53.145142	-0.635951	9.94	3.50	13.44
14	53.144987	-0.634910	11.54	3.50	15.04
15	53.144637	-0.634278	12.00	3.50	15.50
16	53.143968	-0.633344	12.41	3.50	15.91
17	53.144200	-0.633280	11.84	3.50	15.34
18	53.144953	-0.632754	9.97	3.50	13.47
19	53.145828	-0.631949	10.31	3.50	13.81
20	53.146497	-0.631509	11.15	3.50	14.65
21	53.147668	-0.633848	12.51	3.50	16.01
22	53.148395	-0.633344	12.81	3.50	16.31
23	53.148254	-0.632947	13.08	3.50	16.58
24	53.148910	-0.632035	13.05	3.50	16.55
25	53.149148	-0.632604	13.03	3.50	16.53
26	53.149631	-0.631853	12.49	3.50	15.99

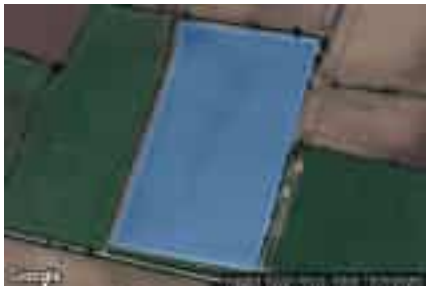
Name: PV array 11
Footprint area: 717,731 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.148506	-0.631749	13.14	3.50	16.64
2	53.147850	-0.632704	12.97	3.50	16.47
3	53.147683	-0.632715	12.37	3.50	15.87
4	53.146640	-0.630945	11.20	3.50	14.70
5	53.146396	-0.630848	12.22	3.50	15.72
6	53.145637	-0.631266	12.28	3.50	15.78
7	53.144343	-0.632565	11.04	3.50	14.54
8	53.142046	-0.627951	13.11	3.50	16.61
9	53.141524	-0.626084	12.34	3.50	15.84
10	53.138596	-0.627329	13.83	3.50	17.33
11	53.138454	-0.627232	13.48	3.50	16.98
12	53.137051	-0.628370	12.96	3.50	16.46
13	53.137154	-0.629056	13.21	3.50	16.71
14	53.135919	-0.628649	14.19	3.50	17.69
15	53.135771	-0.627640	12.78	3.50	16.28
16	53.134593	-0.628456	13.03	3.50	16.53
17	53.134464	-0.624700	12.77	3.50	16.27
18	53.134618	-0.624700	12.76	3.50	16.26
19	53.134631	-0.624990	12.76	3.50	16.26
20	53.135655	-0.624947	12.58	3.50	16.08
21	53.135758	-0.626331	11.86	3.50	15.36
22	53.136112	-0.626567	11.92	3.50	15.42
23	53.136549	-0.625162	10.74	3.50	14.24
24	53.136717	-0.625055	10.13	3.50	13.63
25	53.136652	-0.624636	10.38	3.50	13.88
26	53.137450	-0.624089	10.03	3.50	13.53
27	53.135830	-0.616790	7.11	3.50	10.61
28	53.136200	-0.615960	6.99	3.50	10.49
29	53.137240	-0.614930	7.15	3.50	10.65
30	53.137620	-0.615710	7.24	3.50	10.74
31	53.137860	-0.615550	7.38	3.50	10.88
32	53.137990	-0.614790	7.14	3.50	10.64
33	53.139105	-0.617426	7.93	3.50	11.43
34	53.139800	-0.619754	11.05	3.50	14.55
35	53.141717	-0.618682	9.38	3.50	12.88
36	53.142129	-0.620227	11.21	3.50	14.71
37	53.142007	-0.620323	10.80	3.50	14.30
38	53.142541	-0.622211	11.19	3.50	14.69
39	53.144034	-0.620784	11.76	3.50	15.26
40	53.144607	-0.623563	11.92	3.50	15.42
41	53.145591	-0.624582	12.63	3.50	16.13
42	53.145044	-0.625248	12.90	3.50	16.40
43	53.145077	-0.625666	12.28	3.50	15.78
44	53.146634	-0.628348	11.72	3.50	15.22
45	53.146808	-0.628220	12.16	3.50	15.66
46	53.148268	-0.630762	12.11	3.50	15.61
47	53.148101	-0.631030	11.92	3.50	15.42

Name: PV array 12
Footprint area: 73,115 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.136228	-0.613414	8.07	3.50	11.57
2	53.135854	-0.613478	8.46	3.50	11.96
3	53.133222	-0.614980	9.82	3.50	13.32
4	53.132887	-0.611772	10.64	3.50	14.14
5	53.135977	-0.610335	9.13	3.50	12.63

Name: PV array 13
Footprint area: 737,153 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.135585	-0.658160	11.48	3.50	14.98
2	53.136461	-0.665906	14.75	3.50	18.25
3	53.130642	-0.667945	14.56	3.50	18.06
4	53.130333	-0.666357	13.81	3.50	17.31
5	53.128440	-0.666872	14.86	3.50	18.36
6	53.128582	-0.668717	14.77	3.50	18.27
7	53.128273	-0.668782	14.57	3.50	18.07
8	53.128131	-0.667301	14.49	3.50	17.99
9	53.125730	-0.667666	13.07	3.50	16.57
10	53.125710	-0.667945	12.94	3.50	16.44
11	53.124455	-0.667505	13.19	3.50	16.69
12	53.124558	-0.666711	12.70	3.50	16.20
13	53.123380	-0.665788	11.31	3.50	14.81
14	53.123457	-0.665370	11.00	3.50	14.50
15	53.123122	-0.665220	12.04	3.50	15.54
16	53.123476	-0.663514	13.15	3.50	16.65
17	53.124365	-0.661776	13.29	3.50	16.79
18	53.124571	-0.660832	13.96	3.50	17.46
19	53.125067	-0.660220	13.10	3.50	16.60
20	53.126410	-0.656650	11.66	3.50	15.16
21	53.126650	-0.656260	11.38	3.50	14.88
22	53.126960	-0.656270	11.65	3.50	15.15
23	53.127180	-0.656070	12.25	3.50	15.75
24	53.127600	-0.659050	12.08	3.50	15.58
25	53.128790	-0.658920	13.52	3.50	17.02
26	53.129280	-0.661440	14.94	3.50	18.44
27	53.131090	-0.659840	14.90	3.50	18.40
28	53.131520	-0.659500	14.40	3.50	17.90
29	53.132320	-0.658860	12.70	3.50	16.20
30	53.133270	-0.657930	12.71	3.50	16.21
31	53.133345	-0.658664	11.01	3.50	14.51

Name: PV array 14
Footprint area: 209,674 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132660	-0.653180	10.42	3.50	13.92
2	53.132070	-0.653360	10.23	3.50	13.73
3	53.131511	-0.653075	11.28	3.50	14.78
4	53.130770	-0.652409	10.38	3.50	13.88
5	53.130352	-0.650049	9.94	3.50	13.44
6	53.130095	-0.649556	9.85	3.50	13.35
7	53.130275	-0.649255	10.71	3.50	14.21
8	53.132390	-0.648020	11.38	3.50	14.88
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38

Name: PV array 15
Footprint area: 78,226 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132772	-0.647378	9.94	3.50	13.44
2	53.130056	-0.648847	10.80	3.50	14.30
3	53.129882	-0.649255	9.89	3.50	13.39
4	53.129303	-0.648847	10.80	3.50	14.30
5	53.128942	-0.648858	10.87	3.50	14.37
6	53.128884	-0.648418	11.51	3.50	15.01
7	53.128311	-0.648386	11.43	3.50	14.93
8	53.128105	-0.646884	11.40	3.50	14.90
9	53.130622	-0.645758	10.83	3.50	14.33
10	53.130700	-0.646122	11.65	3.50	15.15
11	53.131298	-0.645768	10.18	3.50	13.68
12	53.132410	-0.645330	9.00	3.50	12.50

Name: PV array 2
Footprint area: 575,674 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.178640	-0.666110	19.41	3.50	22.91
2	53.177870	-0.669090	19.28	3.50	22.78
3	53.176523	-0.668029	19.69	3.50	23.19
4	53.174220	-0.666891	26.06	3.50	29.56
5	53.174465	-0.660669	17.80	3.50	21.30
6	53.172497	-0.660755	16.16	3.50	19.66
7	53.172510	-0.661355	17.14	3.50	20.64
8	53.172960	-0.661484	17.29	3.50	20.79
9	53.173230	-0.666677	24.28	3.50	27.78
10	53.172175	-0.666226	20.97	3.50	24.47
11	53.171823	-0.664919	19.69	3.50	23.19
12	53.171714	-0.664865	19.72	3.50	23.22
13	53.170968	-0.662526	18.08	3.50	21.58
14	53.170357	-0.661797	17.29	3.50	20.79
15	53.174293	-0.653523	13.69	3.50	17.19
16	53.178283	-0.655459	15.69	3.50	19.19
17	53.179363	-0.655588	13.41	3.50	16.91
18	53.178051	-0.662519	19.70	3.50	23.20
19	53.177884	-0.665737	19.63	3.50	23.13

Name: PV array 3
Footprint area: 679,840 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.162240	-0.675330	17.88	3.50	21.38
2	53.159340	-0.671810	16.96	3.50	20.46
3	53.159790	-0.670480	16.50	3.50	20.00
4	53.160860	-0.668250	17.83	3.50	21.33
5	53.160420	-0.666810	17.26	3.50	20.76
6	53.159450	-0.669110	15.52	3.50	19.02
7	53.159860	-0.669750	15.96	3.50	19.46
8	53.159140	-0.671710	16.90	3.50	20.40
9	53.158240	-0.670650	16.68	3.50	20.18
10	53.158390	-0.670070	16.02	3.50	19.52
11	53.157840	-0.668790	15.77	3.50	19.27
12	53.159770	-0.664130	19.42	3.50	22.92
13	53.159920	-0.664410	18.34	3.50	21.84
14	53.160980	-0.661830	24.57	3.50	28.07
15	53.161160	-0.662010	24.26	3.50	27.76
16	53.161290	-0.661640	25.79	3.50	29.29
17	53.161160	-0.661450	26.00	3.50	29.50
18	53.162190	-0.659350	26.37	3.50	29.87
19	53.162080	-0.658850	26.32	3.50	29.82
20	53.162650	-0.657690	27.46	3.50	30.96
21	53.165690	-0.658340	22.77	3.50	26.27
22	53.165920	-0.658980	21.27	3.50	24.77
23	53.166210	-0.659430	20.99	3.50	24.49
24	53.165960	-0.661020	21.23	3.50	24.73
25	53.167980	-0.662370	18.26	3.50	21.76
26	53.167650	-0.663320	18.23	3.50	21.73
27	53.167500	-0.667240	23.91	3.50	27.41
28	53.164620	-0.668620	26.56	3.50	30.06
29	53.164820	-0.669520	27.49	3.50	30.99
30	53.163160	-0.671190	20.73	3.50	24.23
31	53.162730	-0.672050	18.84	3.50	22.34
32	53.162570	-0.673160	18.39	3.50	21.89
33	53.162750	-0.673700	17.85	3.50	21.35
34	53.162650	-0.674340	17.02	3.50	20.52

Name: PV array 4
Footprint area: 538,971 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.172585	-0.642585	14.81	3.50	18.31
2	53.173512	-0.648335	13.73	3.50	17.23
3	53.168740	-0.657433	17.19	3.50	20.69
4	53.168530	-0.657412	16.94	3.50	20.44
5	53.168310	-0.657830	18.09	3.50	21.59
6	53.168300	-0.658730	18.04	3.50	21.54
7	53.168070	-0.658890	17.95	3.50	21.45
8	53.165850	-0.657640	21.97	3.50	25.47
8	53.165850	-0.657640	21.97	3.50	25.47
8	53.165850	-0.657640	21.97	3.50	25.47
8	53.165850	-0.657640	21.97	3.50	25.47
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
14	53.167520	-0.655510	17.58	3.50	21.08
15	53.167980	-0.655110	18.44	3.50	21.94
16	53.169113	-0.651554	16.06	3.50	19.56
17	53.169113	-0.651060	15.41	3.50	18.91
18	53.168032	-0.650867	15.63	3.50	19.13
19	53.167955	-0.651597	16.07	3.50	19.57
20	53.167337	-0.651232	15.83	3.50	19.33
21	53.166077	-0.651103	19.26	3.50	22.76
22	53.166115	-0.650481	18.68	3.50	22.18
23	53.165961	-0.650181	19.78	3.50	23.28
24	53.168251	-0.644537	17.16	3.50	20.66
25	53.168920	-0.644687	16.30	3.50	19.80
26	53.170129	-0.644408	16.57	3.50	20.07
27	53.171132	-0.643754	15.25	3.50	18.75
28	53.171151	-0.643400	15.23	3.50	18.73
29	53.172000	-0.642681	14.97	3.50	18.47

Name: PV array 5
Footprint area: 85,119 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.175987	-0.638261	17.17	3.50	20.67
2	53.175962	-0.637317	17.32	3.50	20.82
3	53.175704	-0.636180	15.99	3.50	19.49
4	53.172039	-0.635257	10.34	3.50	13.84
5	53.170855	-0.638197	11.33	3.50	14.83
6	53.174251	-0.638304	12.30	3.50	15.80

Name: PV array 6
Footprint area: 178,317 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.167678	-0.644140	17.52	3.50	21.02
2	53.165556	-0.649011	19.39	3.50	22.89
3	53.164810	-0.644784	20.41	3.50	23.91
4	53.165350	-0.641716	16.27	3.50	19.77
5	53.163562	-0.640986	20.48	3.50	23.98
6	53.161902	-0.640643	22.38	3.50	25.88
7	53.159226	-0.640385	15.78	3.50	19.28
8	53.159329	-0.638197	13.14	3.50	16.64
9	53.162726	-0.638883	20.72	3.50	24.22
10	53.164115	-0.639205	17.21	3.50	20.71
11	53.165183	-0.639763	14.44	3.50	17.94
12	53.165800	-0.640707	14.81	3.50	18.31
13	53.166366	-0.642209	16.10	3.50	19.60
14	53.166971	-0.643282	16.63	3.50	20.13

Name: PV array 7
Footprint area: 491,698 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.164655	-0.651071	23.57	3.50	27.07
2	53.164218	-0.652101	24.34	3.50	27.84
3	53.163588	-0.652015	24.43	3.50	27.93
4	53.163575	-0.652466	24.10	3.50	27.60
5	53.163883	-0.652809	24.86	3.50	28.36
6	53.162790	-0.655406	26.04	3.50	29.54
7	53.162404	-0.655148	26.50	3.50	30.00
8	53.162082	-0.655835	27.39	3.50	30.89
9	53.162263	-0.656543	27.11	3.50	30.61
10	53.161516	-0.658324	26.25	3.50	29.75
11	53.158776	-0.654054	22.55	3.50	26.05
12	53.156879	-0.652104	18.45	3.50	21.95
13	53.156840	-0.650806	17.85	3.50	21.35
14	53.156634	-0.650474	16.75	3.50	20.25
15	53.155412	-0.650935	12.99	3.50	16.49
16	53.155245	-0.650441	12.47	3.50	15.97
17	53.154428	-0.650484	11.62	3.50	15.12
18	53.152317	-0.650581	10.82	3.50	14.32
19	53.151545	-0.650656	11.68	3.50	15.18
20	53.151481	-0.651761	11.49	3.50	14.99
21	53.151159	-0.651729	12.56	3.50	16.06
22	53.151178	-0.650924	12.32	3.50	15.82
23	53.150863	-0.650624	12.97	3.50	16.47
24	53.149042	-0.650581	13.39	3.50	16.89
25	53.149113	-0.652083	14.82	3.50	18.32
26	53.147459	-0.652115	10.92	3.50	14.42
27	53.147762	-0.654604	14.65	3.50	18.15
28	53.146730	-0.654770	11.29	3.50	14.79
29	53.146710	-0.654450	10.79	3.50	14.29
30	53.146660	-0.653930	9.99	3.50	13.49
31	53.146560	-0.653210	9.32	3.50	12.82
32	53.146500	-0.652650	9.65	3.50	13.15
33	53.146620	-0.652540	9.69	3.50	13.19
34	53.146670	-0.652330	9.64	3.50	13.14
35	53.146500	-0.650990	8.94	3.50	12.44
36	53.146830	-0.651060	9.07	3.50	12.57
37	53.147220	-0.650840	9.43	3.50	12.93
38	53.147530	-0.650419	9.95	3.50	13.45
39	53.148058	-0.647824	10.34	3.50	13.84
40	53.149293	-0.647502	11.75	3.50	15.25
41	53.149364	-0.647008	11.40	3.50	14.90
42	53.149004	-0.645163	9.84	3.50	13.34
43	53.149068	-0.644702	10.07	3.50	13.57
44	53.149589	-0.644659	10.09	3.50	13.59
45	53.150246	-0.645152	10.47	3.50	13.97
46	53.150709	-0.646118	10.77	3.50	14.27
47	53.150861	-0.646854	11.55	3.50	15.05
48	53.152186	-0.646683	10.55	3.50	14.05
49	53.152302	-0.648378	10.85	3.50	14.35
50	53.152559	-0.648356	11.03	3.50	14.53
51	53.152650	-0.647820	11.33	3.50	14.83
52	53.152843	-0.647562	10.51	3.50	14.01
53	53.152984	-0.648185	10.54	3.50	14.04
54	53.153396	-0.648850	10.72	3.50	14.22
55	53.153821	-0.649000	11.70	3.50	15.20
56	53.153821	-0.647176	11.57	3.50	15.07
57	53.157030	-0.647114	18.62	3.50	22.12
58	53.157911	-0.650923	21.21	3.50	24.71
59	53.159526	-0.650773	24.30	3.50	27.80
60	53.159841	-0.651545	25.93	3.50	29.43
61	53.160478	-0.652318	28.32	3.50	31.82
62	53.160542	-0.654142	27.00	3.50	30.50
63	53.161668	-0.654152	28.25	3.50	31.75
64	53.162003	-0.653691	27.32	3.50	30.82

65	53.161359	-0.652489	27.84	3.50	31.34
66	53.161314	-0.650848	28.23	3.50	31.73

Name: PV array 8
Footprint area: 15,661 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.149067	-0.644094	9.24	3.50	12.74
2	53.149505	-0.644029	9.82	3.50	13.32
3	53.149878	-0.644094	9.57	3.50	13.07
4	53.150888	-0.643353	9.27	3.50	12.77
5	53.150521	-0.642002	8.25	3.50	11.75
6	53.149871	-0.642806	8.50	3.50	12.00
7	53.149472	-0.642796	8.80	3.50	12.30
8	53.149215	-0.643192	8.74	3.50	12.24
9	53.149022	-0.644072	9.17	3.50	12.67

Name: PV array 9
Footprint area: 49,327 m^2
Axis tracking: Fixed (no rotation)
Tilt: 45.0 deg
Orientation: 180.0 deg

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.144980	-0.656700	12.95	3.50	16.45
2	53.143230	-0.656440	10.07	3.50	13.57
3	53.143170	-0.652900	8.94	3.50	12.44
4	53.143890	-0.652530	9.13	3.50	12.63
5	53.144200	-0.652530	9.20	3.50	12.70
6	53.144680	-0.653130	9.45	3.50	12.95
7	53.144910	-0.653050	9.39	3.50	12.89

2-Mile Flight Path Receptor(s)

Name: Blackmoor Farm RWY 06
Description:
Threshold height : 15 m
Direction: 57.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.157891	-0.586288	5.71	15.24	20.95
2-mile point	53.142144	-0.626775	11.81	177.83	189.63

Name: Blackmoor Farm RWY 24
Description:
Threshold height : 15 m
Direction: 237.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.159609	-0.581964	5.72	15.24	20.96
2-mile point	53.175356	-0.541475	75.17	114.48	189.65

Name: Peacocks Farm RWY 06
Description:
Threshold height : 15 m
Direction: 61.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.149038	-0.627060	11.67	15.24	26.91
2-mile point	53.135021	-0.669274	16.19	179.41	195.60

Name: Peacocks Farm RWY 24
Description:
Threshold height : 15 m
Direction: 241.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.151006	-0.621028	9.12	15.24	24.36
2-mile point	53.165023	-0.578812	5.02	188.03	193.05

Name: RAF Waddington RWY 02
Description:
Threshold height : 15 m
Direction: 21.5 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.154359	-0.531665	69.35	15.24	84.59
2-mile point	53.127459	-0.549356	30.20	223.07	253.27

Name: RAF Waddington RWY 20
Description:
Threshold height : 15 m
Direction: 201.5 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.176943	-0.516706	66.70	15.24	81.94
2-mile point	53.203844	-0.499005	42.50	208.12	250.63

Name: South Hykeham RWY 10
Description:
Threshold height : 15 m
Direction: 104.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.172905	-0.608049	9.20	15.24	24.44
2-mile point	53.179900	-0.654907	13.65	179.48	193.13

Name: South Hykeham RWY 13
Description:
Threshold height : 15 m
Direction: 125.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.174410	-0.608746	7.86	15.24	23.10
2-mile point	53.190994	-0.648306	12.94	178.85	191.79

Name: South Hykeham RWY 28
Description:
Threshold height : 15 m
Direction: 284.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.171587	-0.600882	5.96	15.24	21.20
2-mile point	53.164592	-0.554026	24.07	165.82	189.89

Name: South Hykeham RWY 31
Description:
Threshold height : 15 m
Direction: 305.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.171413	-0.601032	5.63	15.24	20.87
2-mile point	53.154830	-0.561475	19.70	169.85	189.56

Name: South Scarle RW 28
Description:
Threshold height : 15 m
Direction: 282.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.158965	-0.722435	12.08	15.24	27.32
2-mile point	53.152954	-0.675213	16.89	179.11	196.00

Name: South Scarle RWY 10
Description:
Threshold height : 15 m
Direction: 102.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.159820	-0.729462	12.00	15.24	27.24
2-mile point	53.165832	-0.776685	7.31	188.62	195.92

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
1-ATCT	53.172167	-0.523800	69.28	10.00	79.28

1-ATCT map image

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
PV array 1	45.0	180.0	10,507	481	-	-
PV array 10	45.0	180.0	44,769	9,108	-	-
PV array 11	45.0	180.0	76,292	7,417	-	-
PV array 12	45.0	180.0	594	0	-	-
PV array 13	45.0	180.0	12,435	0	-	-
PV array 14	45.0	180.0	3,665	721	-	-
PV array 15	45.0	180.0	0	0	-	-
PV array 2	45.0	180.0	14,859	150	-	-
PV array 3	45.0	180.0	6,566	693	-	-
PV array 4	45.0	180.0	9,342	1,510	-	-
PV array 5	45.0	180.0	11,510	0	-	-
PV array 6	45.0	180.0	6,656	650	-	-
PV array 7	45.0	180.0	4,133	1,803	-	-
PV array 8	45.0	180.0	0	0	-	-
PV array 9	45.0	180.0	919	0	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
pv-array-1 (green)	0	0	790	1635	1085	179	741	1608	1271	0	0	0
pv-array-1 (yellow)	0	0	0	241	0	0	0	146	94	0	0	0
pv-array-10 (green)	201	1499	3028	5005	7626	7622	7816	6056	3501	1918	497	0
pv-array-10 (yellow)	0	556	1951	1364	678	5	351	1255	1846	1096	6	0
pv-array-11 (green)	201	1715	3388	5666	8387	7544	8106	6948	3929	2238	503	0
pv-array-11 (yellow)	0	340	1769	922	302	536	511	572	1689	776	0	0
pv-array-12 (green)	0	0	297	0	0	0	0	0	297	0	0	0
pv-array-12 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-13 (green)	203	2055	3714	247	0	0	0	0	2730	2983	503	0
pv-array-13 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-14 (green)	0	88	1115	627	0	0	0	232	1274	329	0	0
pv-array-14 (yellow)	0	0	361	0	0	0	0	0	285	75	0	0
pv-array-2 (green)	0	0	595	1636	1170	624	900	1717	987	0	0	0
pv-array-2 (yellow)	0	0	0	73	0	0	0	11	55	0	0	0
pv-array-3 (green)	0	0	626	1140	456	0	195	1053	969	0	0	0
pv-array-3 (yellow)	0	0	35	16	0	0	0	9	40	0	0	0
pv-array-4 (green)	0	0	550	1255	348	0	96	1127	933	0	0	0
pv-array-4 (yellow)	0	0	215	214	0	0	0	55	377	0	0	0
pv-array-5 (green)	0	0	591	2137	654	0	212	1959	1216	0	0	0
pv-array-5 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-6 (green)	0	0	680	681	253	0	44	609	958	0	0	0
pv-array-6 (yellow)	0	0	0	30	11	0	0	34	1	0	0	0
pv-array-7 (green)	0	0	408	316	253	0	63	356	545	0	0	0
pv-array-7 (yellow)	0	0	0	265	29	0	0	299	0	0	0	0
pv-array-9 (green)	0	0	0	0	0	759	160	0	0	0	0	0
pv-array-9 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

PV array 1 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	1311	0
FP: Peacocks Farm RWY 06	0	0
FP: Peacocks Farm RWY 24	2976	0
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	0	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	931	0
FP: South Hykeham RWY 31	1727	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	3488	481
OP: 1-ATCT	74	0

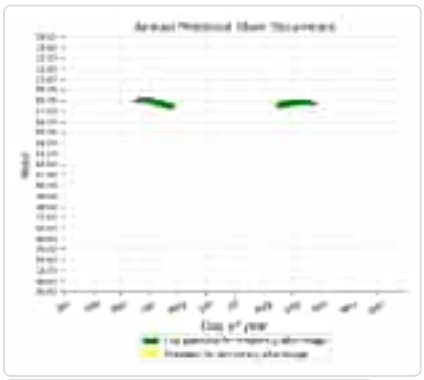
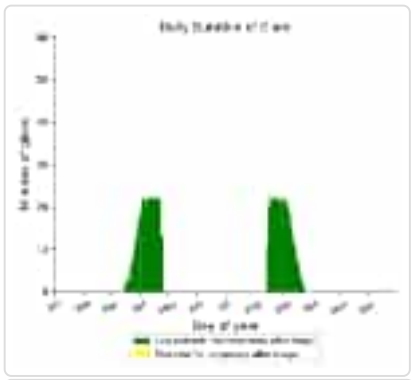
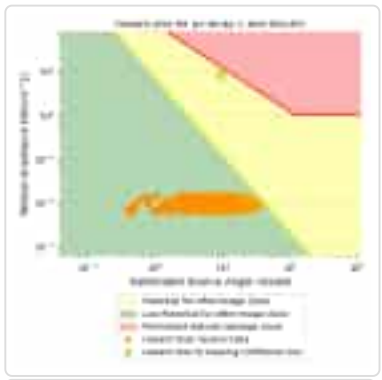
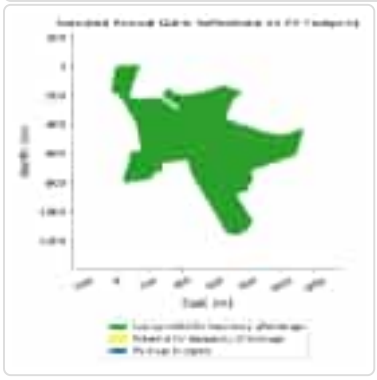
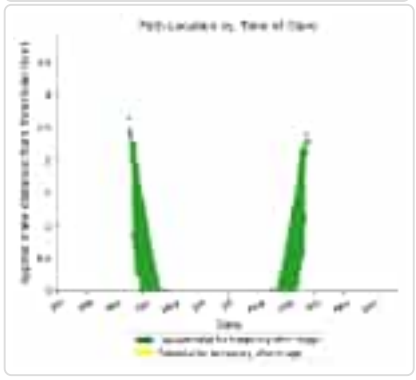
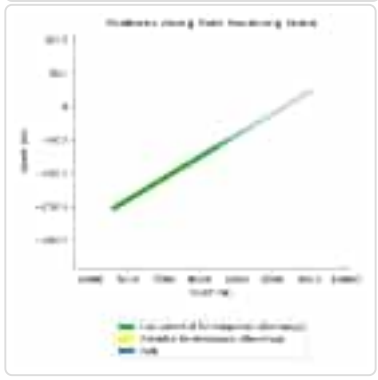
PV array 1: Blackmoor Farm RWY 06

No glare found

PV array 1: Blackmoor Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 1,311 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

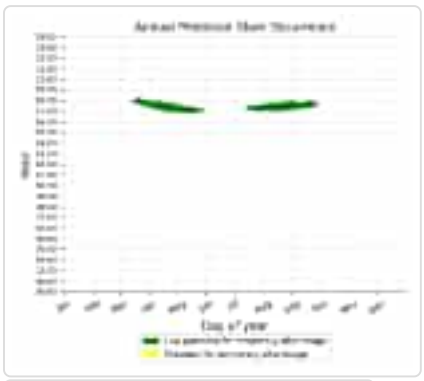
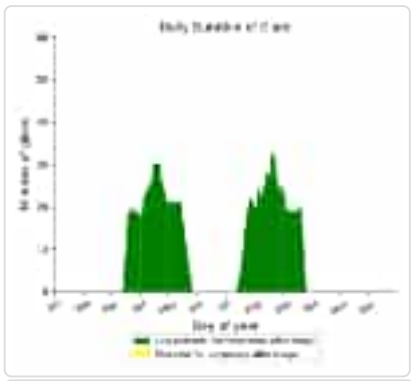
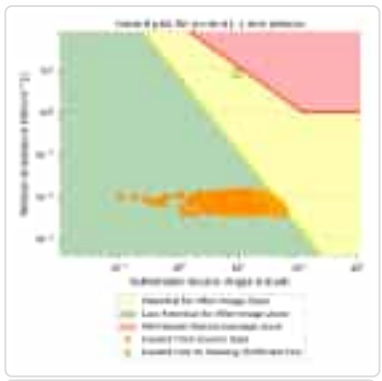
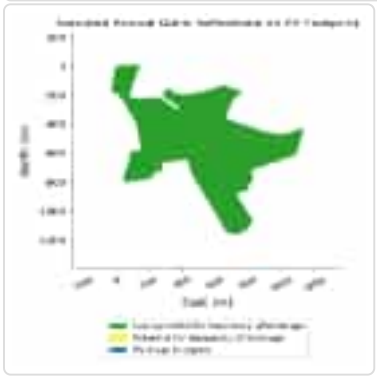
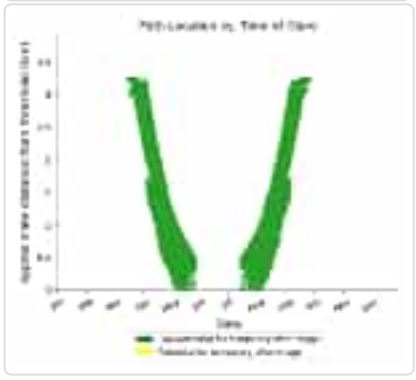
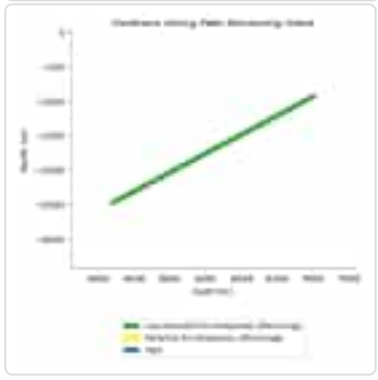
PV array 1: Peacocks Farm RWY 06

No glare found

PV array 1: Peacocks Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 2,976 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 1: RAF Waddington RWY 02

No glare found

PV array 1: RAF Waddington RWY 20

No glare found

PV array 1: South Hykeham RWY 10

No glare found

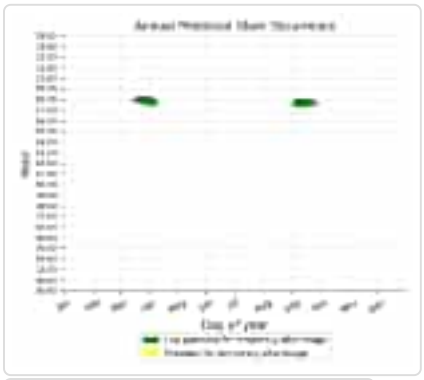
PV array 1: South Hykeham RWY 13

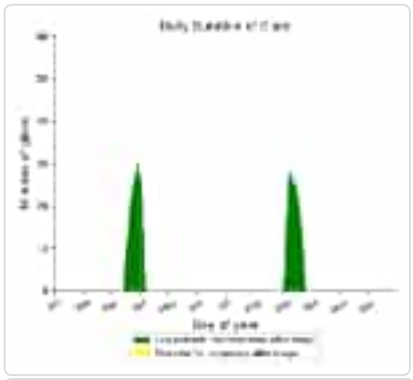
No glare found

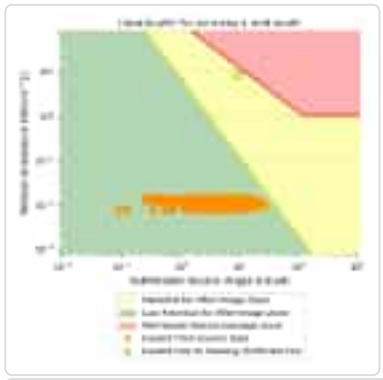
PV array 1: South Hykeham RWY 28

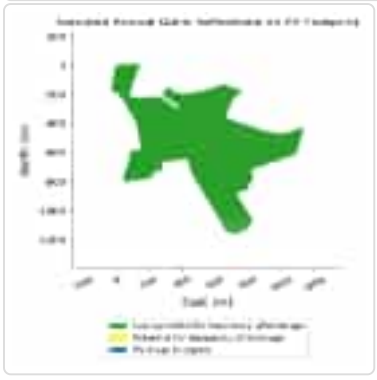
PV array is expected to produce the following glare for this receptor:

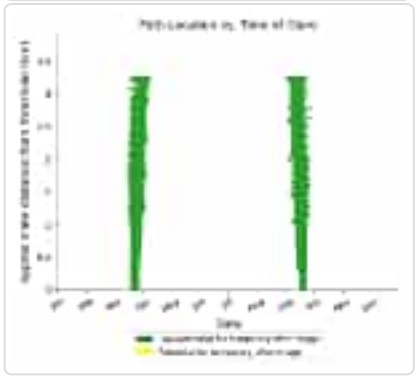
- 931 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

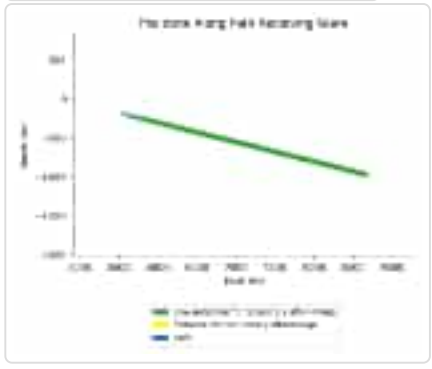








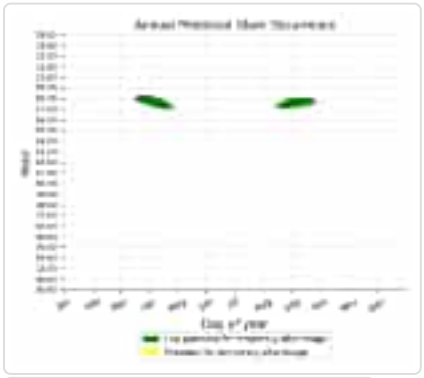
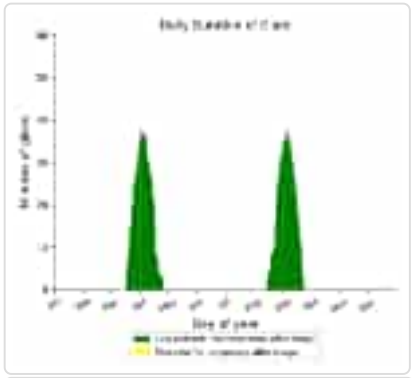
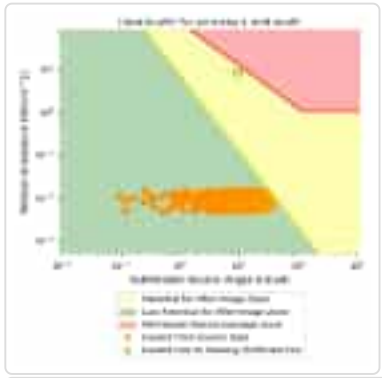
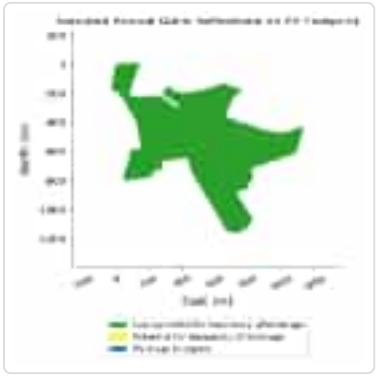
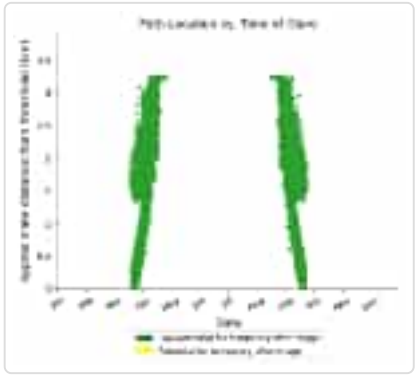
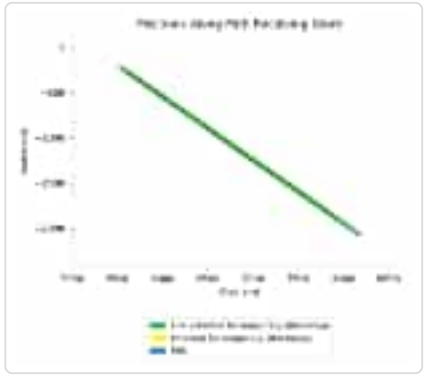




PV array 1: South Hykeham RWY 31

PV array is expected to produce the following glare for this receptor:

- 1,727 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

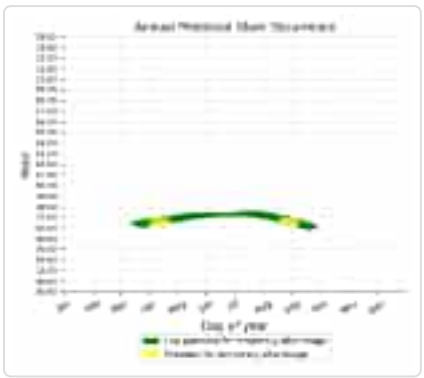
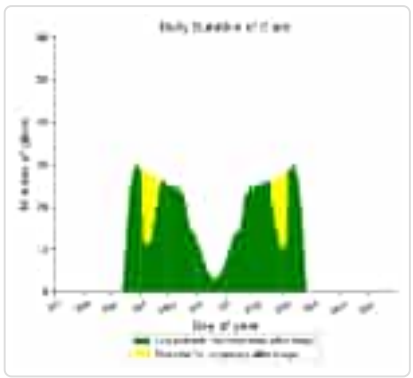
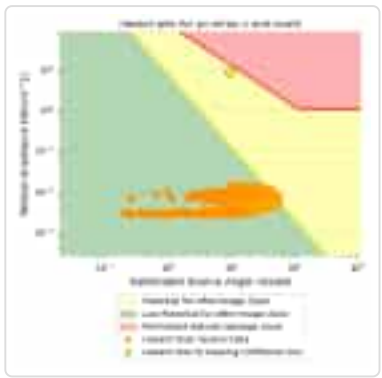
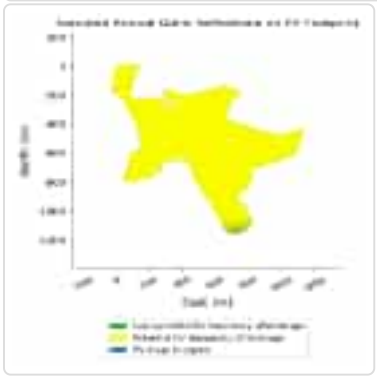
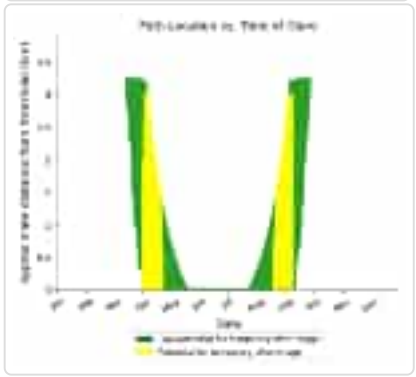
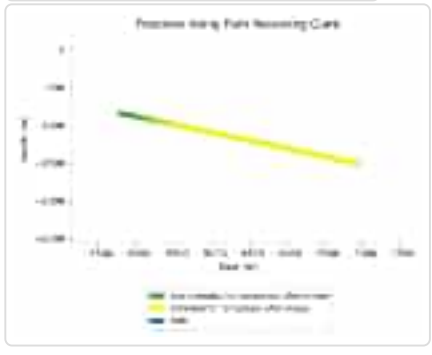
PV array 1: South Scarle RW 28

No glare found

PV array 1: South Scarle RWY 10

PV array is expected to produce the following glare for this receptor:

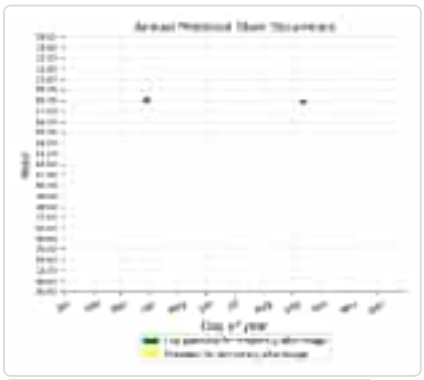
- 3,488 minutes of "green" glare with low potential to cause temporary after-image.
- 481 minutes of "yellow" glare with potential to cause temporary after-image.

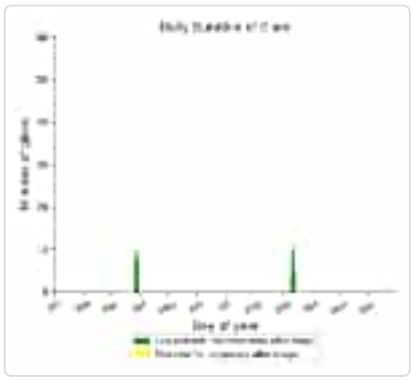







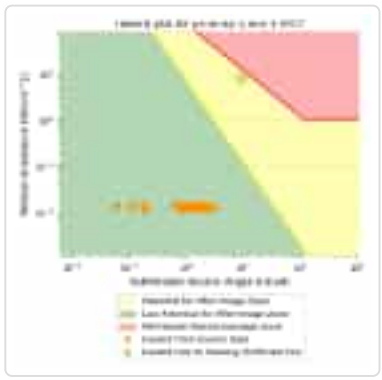
PV array 1: 1-ATCT

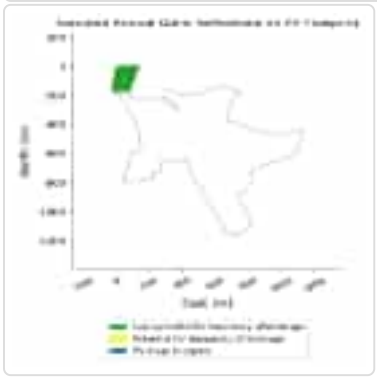
PV array is expected to produce the following glare for this receptor:

- 74 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 10 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	0	0
FP: Peacocks Farm RWY 06	44769	9108
FP: Peacocks Farm RWY 24	0	0
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	0	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	0	0
FP: South Hykeham RWY 31	0	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	0	0
OP: 1-ATCT	0	0

PV array 10: Blackmoor Farm RWY 06

No glare found

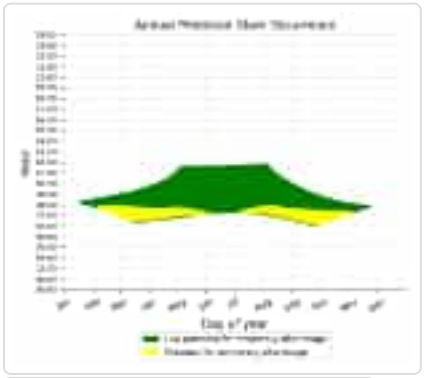
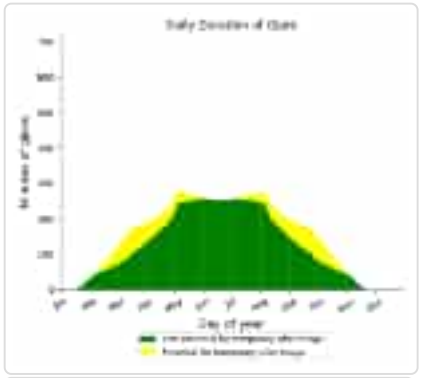
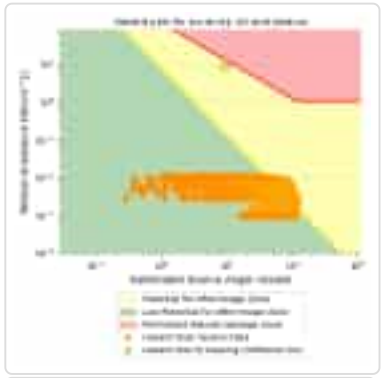
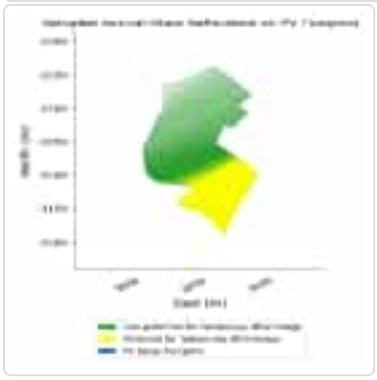
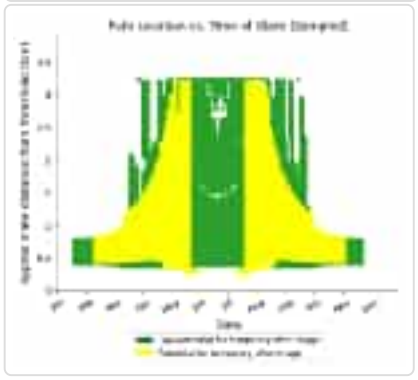
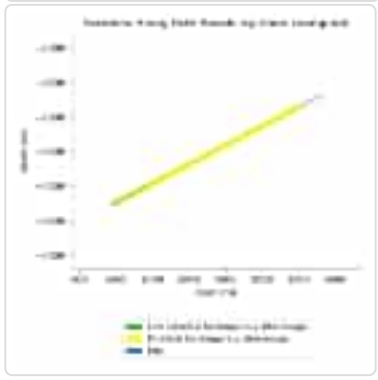
PV array 10: Blackmoor Farm RWY 24

No glare found

PV array 10: Peacocks Farm RWY 06

PV array is expected to produce the following glare for this receptor:

- 44,769 minutes of "green" glare with low potential to cause temporary after-image.
- 9,108 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 10: Peacocks Farm RWY 24

No glare found

PV array 10: RAF Waddington RWY 02

No glare found

PV array 10: RAF Waddington RWY 20

No glare found

PV array 10: South Hykeham RWY 10

No glare found

PV array 10: South Hykeham RWY 13

No glare found

PV array 10: South Hykeham RWY 28

No glare found

PV array 10: South Hykeham RWY 31

No glare found

PV array 10: South Scarle RW 28

No glare found

PV array 10: South Scarle RWY 10

No glare found

PV array 10: 1-ATCT

No glare found

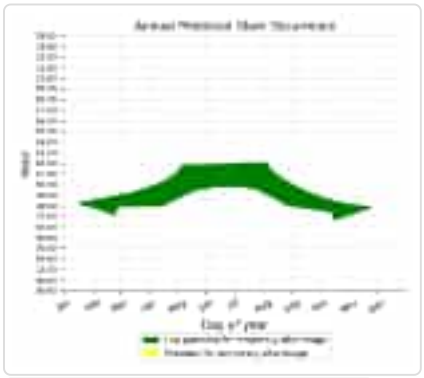
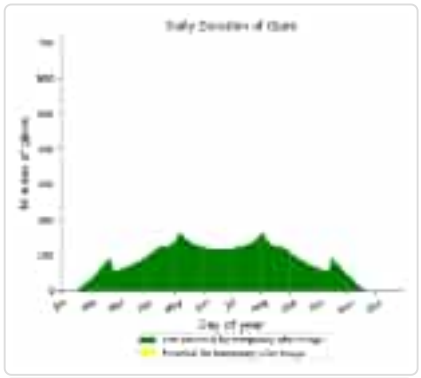
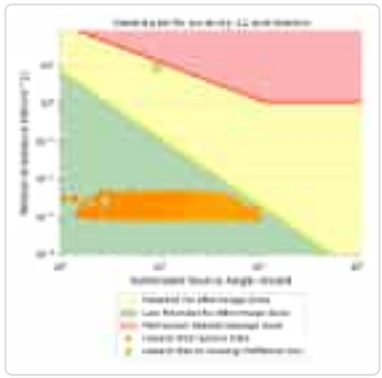
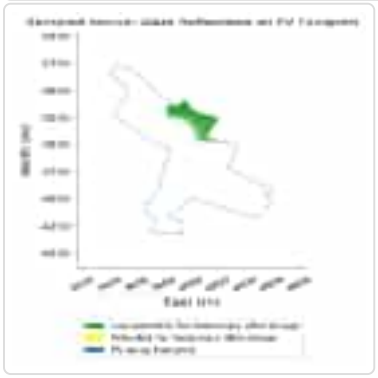
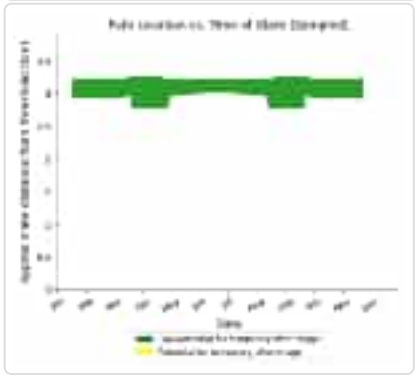
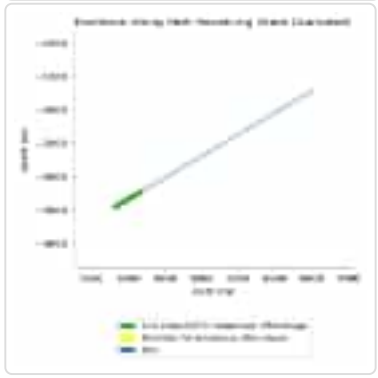
PV array 11 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	28999	0
FP: Blackmoor Farm RWY 24	0	0
FP: Peacocks Farm RWY 06	47293	7417
FP: Peacocks Farm RWY 24	0	0
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	0	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	0	0
FP: South Hykeham RWY 31	0	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	0	0
OP: 1-ATCT	0	0

PV array 11: Blackmoor Farm RWY 06

PV array is expected to produce the following glare for this receptor:

- 28,999 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

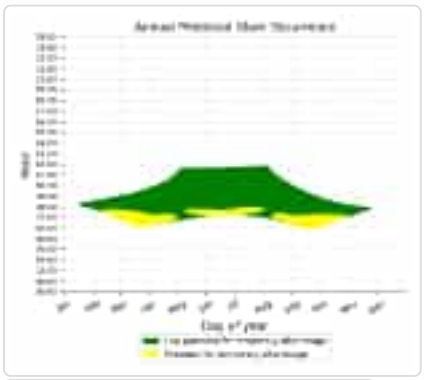
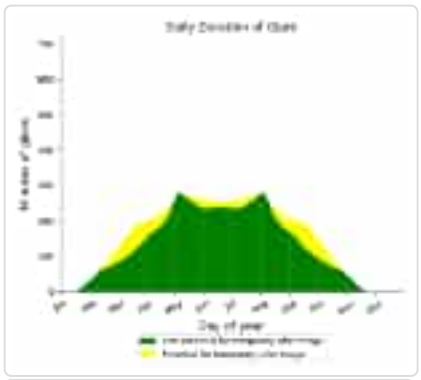
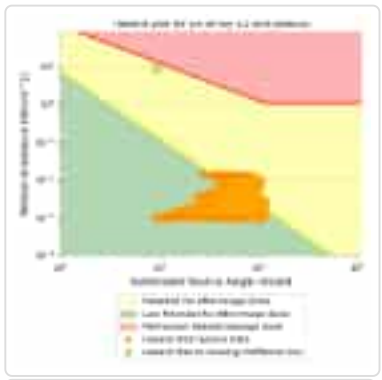
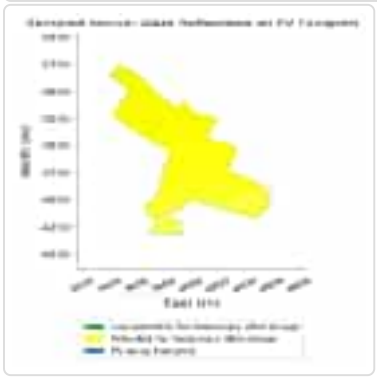
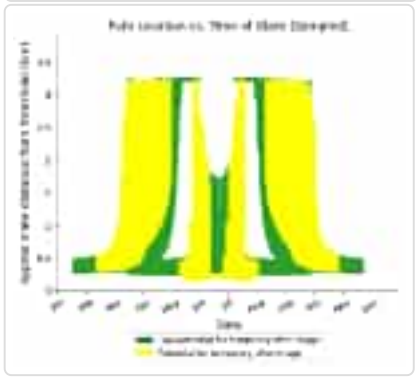
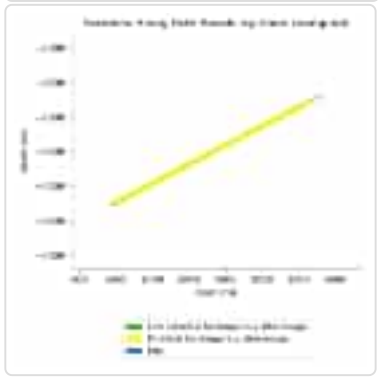
PV array 11: Blackmoor Farm RWY 24

No glare found

PV array 11: Peacocks Farm RWY 06

PV array is expected to produce the following glare for this receptor:

- 47,293 minutes of "green" glare with low potential to cause temporary after-image.
- 7,417 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 11: Peacocks Farm RWY 24

No glare found

PV array 11: RAF Waddington RWY 02

No glare found

PV array 11: RAF Waddington RWY 20

No glare found

PV array 11: South Hykeham RWY 10

No glare found

PV array 11: South Hykeham RWY 13

No glare found

PV array 11: South Hykeham RWY 28

No glare found

PV array 11: South Hykeham RWY 31

No glare found

PV array 11: South Scarle RW 28

No glare found

PV array 11: South Scarle RWY 10

No glare found

PV array 11: 1-ATCT

No glare found

PV array 12 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	0	0
FP: Peacocks Farm RWY 06	594	0
FP: Peacocks Farm RWY 24	0	0
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	0	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	0	0
FP: South Hykeham RWY 31	0	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	0	0
OP: 1-ATCT	0	0

PV array 12: Blackmoor Farm RWY 06

No glare found

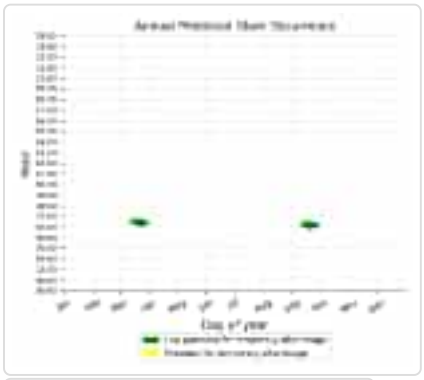
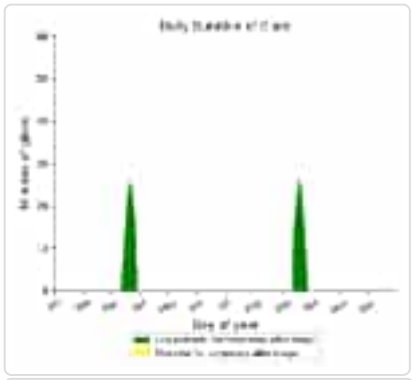
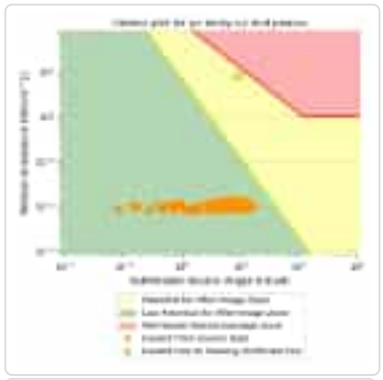
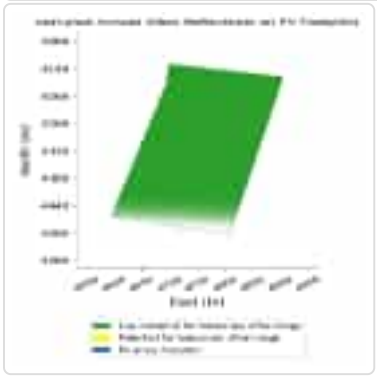
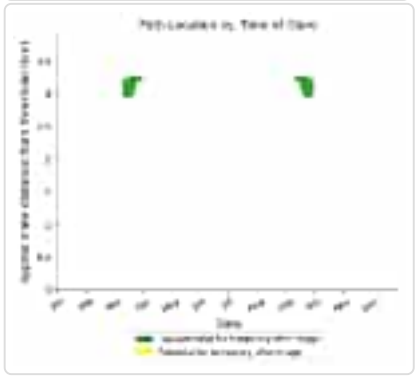
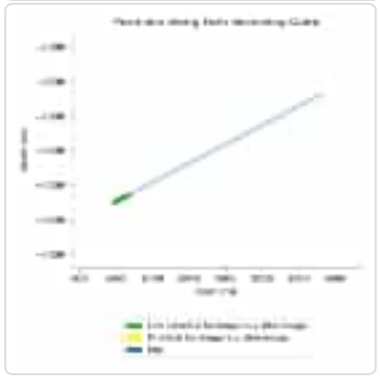
PV array 12: Blackmoor Farm RWY 24

No glare found

PV array 12: Peacocks Farm RWY 06

PV array is expected to produce the following glare for this receptor:

- 594 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 12: Peacocks Farm RWY 24

No glare found

PV array 12: RAF Waddington RWY 02

No glare found

PV array 12: RAF Waddington RWY 20

No glare found

PV array 12: South Hykeham RWY 10

No glare found

PV array 12: South Hykeham RWY 13

No glare found

PV array 12: South Hykeham RWY 28

No glare found

PV array 12: South Hykeham RWY 31

No glare found

PV array 12: South Scarle RW 28

No glare found

PV array 12: South Scarle RWY 10

No glare found

PV array 12: 1-ATCT

No glare found

PV array 13 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	0	0
FP: Peacocks Farm RWY 06	12435	0
FP: Peacocks Farm RWY 24	0	0
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	0	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	0	0
FP: South Hykeham RWY 31	0	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	0	0
OP: 1-ATCT	0	0

PV array 13: Blackmoor Farm RWY 06

No glare found

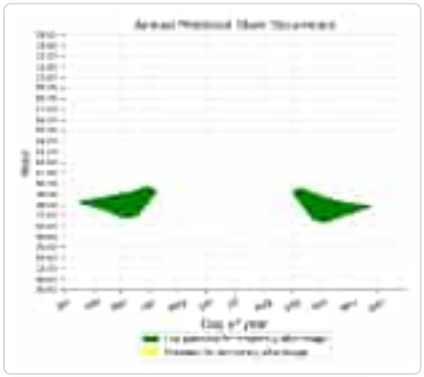
PV array 13: Blackmoor Farm RWY 24

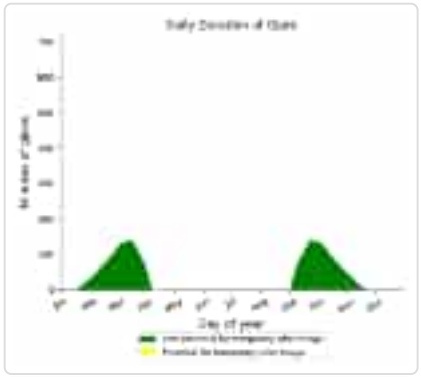
No glare found

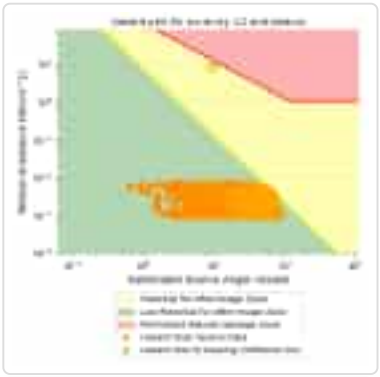
PV array 13: Peacocks Farm RWY 06

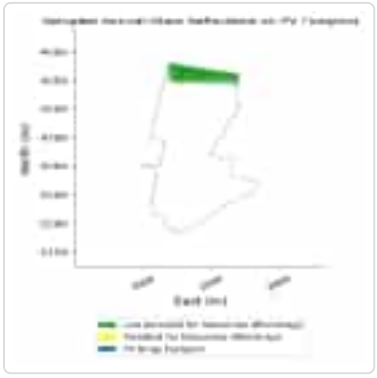
PV array is expected to produce the following glare for this receptor:

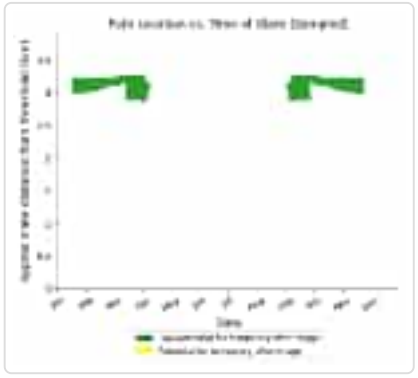
- 12,435 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

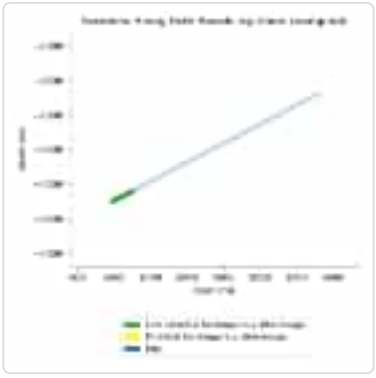












PV array 13: Peacocks Farm RWY 24

No glare found

PV array 13: RAF Waddington RWY 02

No glare found

PV array 13: RAF Waddington RWY 20

No glare found

PV array 13: South Hykeham RWY 10

No glare found

PV array 13: South Hykeham RWY 13

No glare found

PV array 13: South Hykeham RWY 28

No glare found

PV array 13: South Hykeham RWY 31

No glare found

PV array 13: South Scarle RW 28

No glare found

PV array 13: South Scarle RWY 10

No glare found

PV array 13: 1-ATCT

No glare found

PV array 14 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	0	0
FP: Peacocks Farm RWY 06	3665	721
FP: Peacocks Farm RWY 24	0	0
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	0	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	0	0
FP: South Hykeham RWY 31	0	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	0	0
OP: 1-ATCT	0	0

PV array 14: Blackmoor Farm RWY 06

No glare found

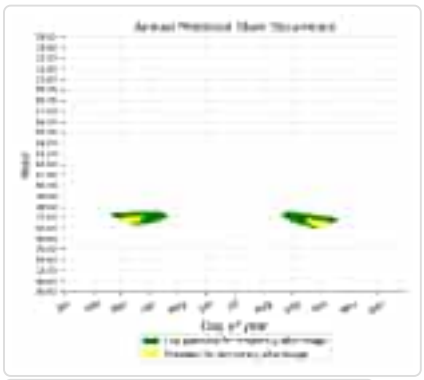
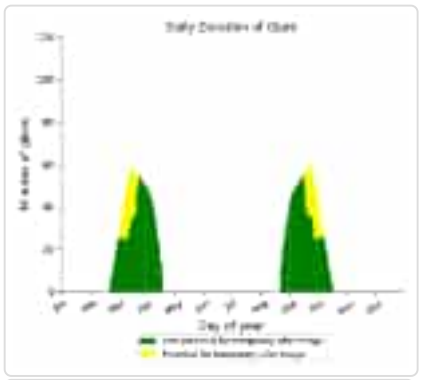
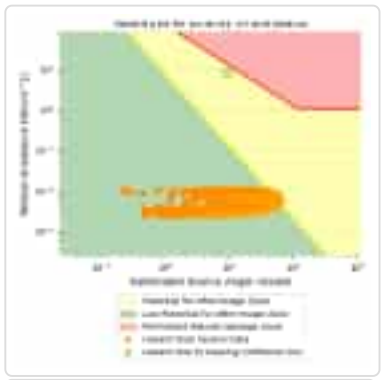
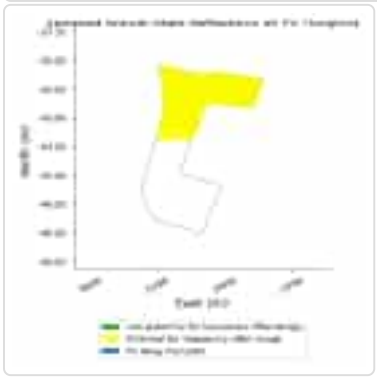
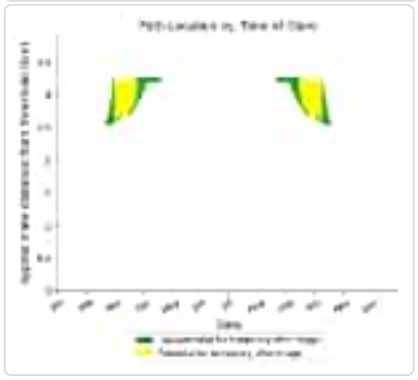
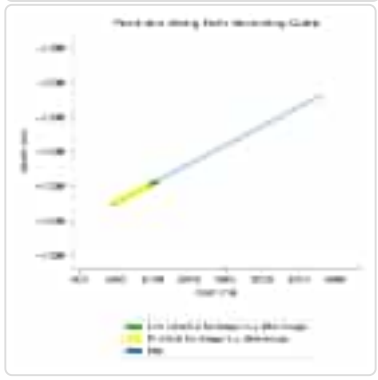
PV array 14: Blackmoor Farm RWY 24

No glare found

PV array 14: Peacocks Farm RWY 06

PV array is expected to produce the following glare for this receptor:

- 3,665 minutes of "green" glare with low potential to cause temporary after-image.
- 721 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 14: Peacocks Farm RWY 24

No glare found

PV array 14: RAF Waddington RWY 02

No glare found

PV array 14: RAF Waddington RWY 20

No glare found

PV array 14: South Hykeham RWY 10

No glare found

PV array 14: South Hykeham RWY 13

No glare found

PV array 14: South Hykeham RWY 28

No glare found

PV array 14: South Hykeham RWY 31

No glare found

PV array 14: South Scarle RW 28

No glare found

PV array 14: South Scarle RWY 10

No glare found

PV array 14: 1-ATCT

No glare found

PV array 15 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	0	0
FP: Peacocks Farm RWY 06	0	0
FP: Peacocks Farm RWY 24	0	0
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	0	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	0	0
FP: South Hykeham RWY 31	0	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	0	0
OP: 1-ATCT	0	0

No glare found

PV array 2 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	2148	0
FP: Peacocks Farm RWY 06	0	0
FP: Peacocks Farm RWY 24	2896	0
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	0	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	1811	11
FP: South Hykeham RWY 31	3111	139
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	4185	0
OP: 1-ATCT	708	0

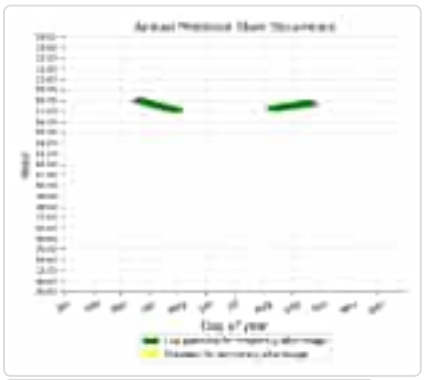
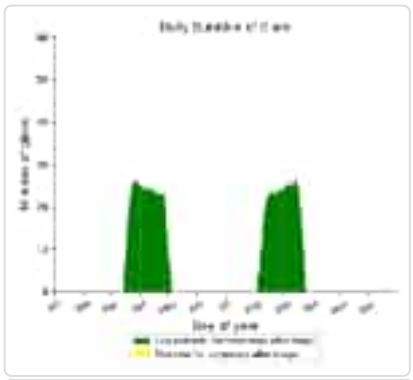
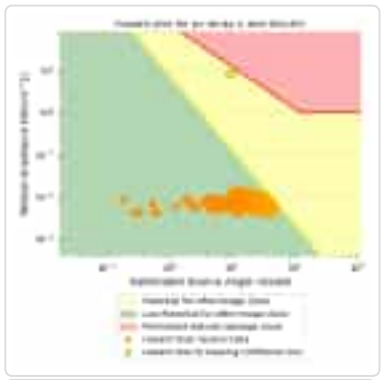
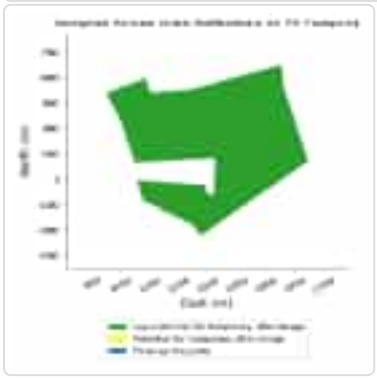
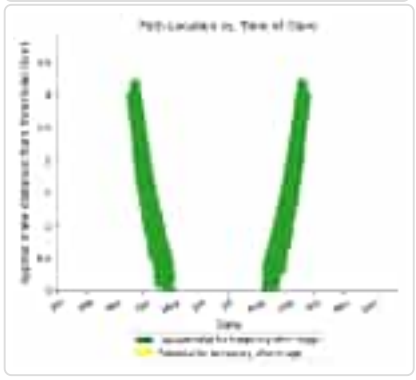
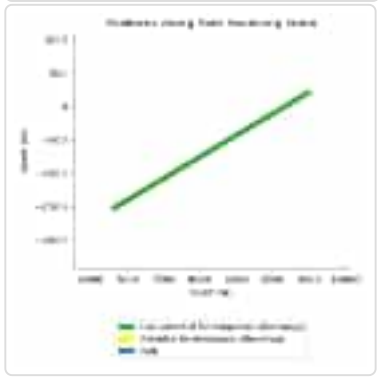
PV array 2: Blackmoor Farm RWY 06

No glare found

PV array 2: Blackmoor Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 2,148 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

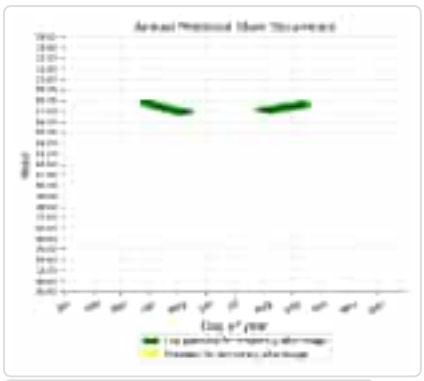
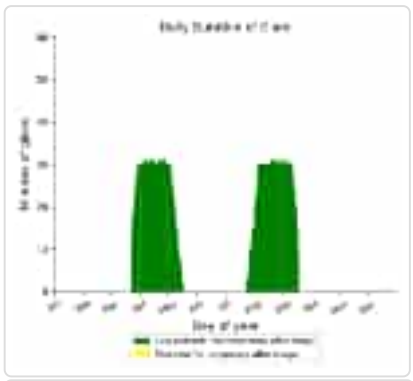
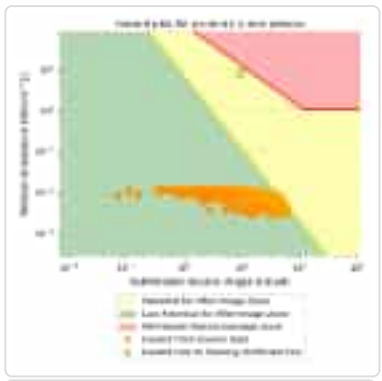
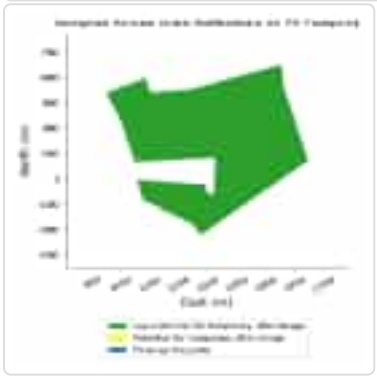
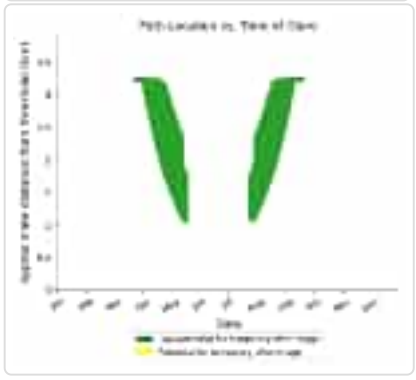
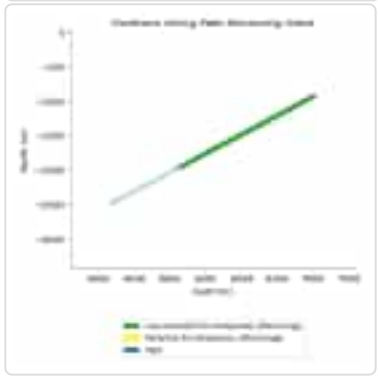
PV array 2: Peacocks Farm RWY 06

No glare found

PV array 2: Peacocks Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 2,896 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 2: RAF Waddington RWY 02

No glare found

PV array 2: RAF Waddington RWY 20

No glare found

PV array 2: South Hykeham RWY 10

No glare found

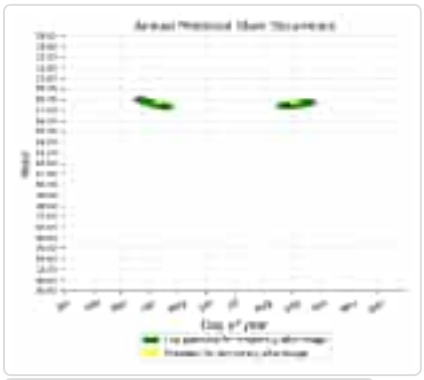
PV array 2: South Hykeham RWY 13

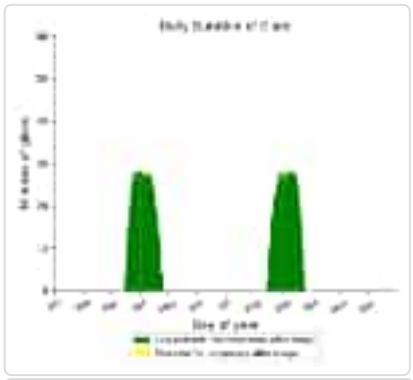
No glare found

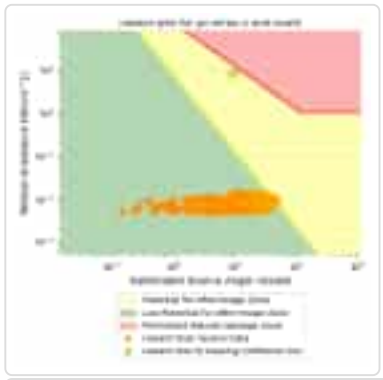
PV array 2: South Hykeham RWY 28

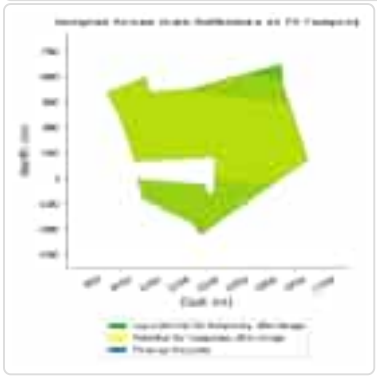
PV array is expected to produce the following glare for this receptor:

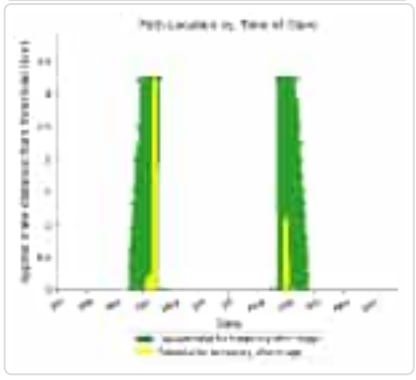
- 1,811 minutes of "green" glare with low potential to cause temporary after-image.
- 11 minutes of "yellow" glare with potential to cause temporary after-image.

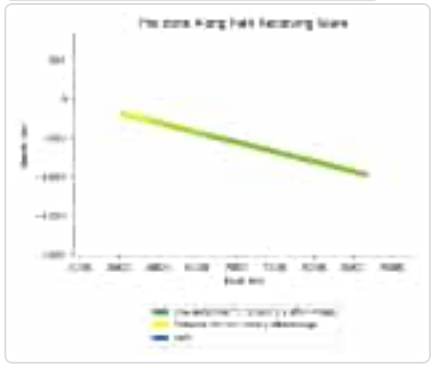








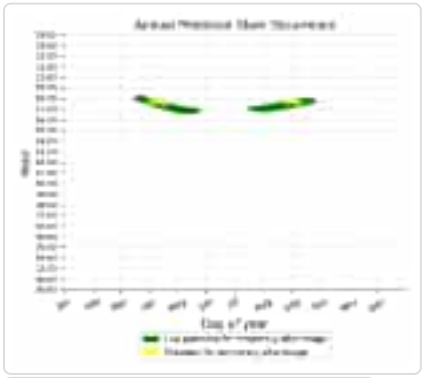
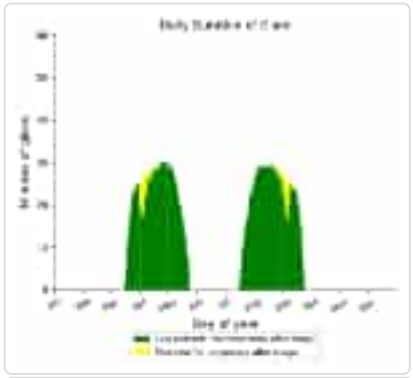
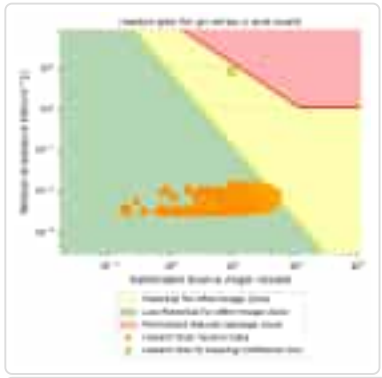
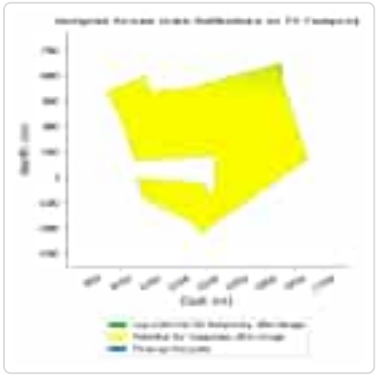
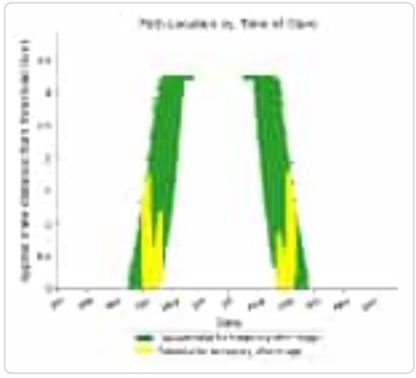
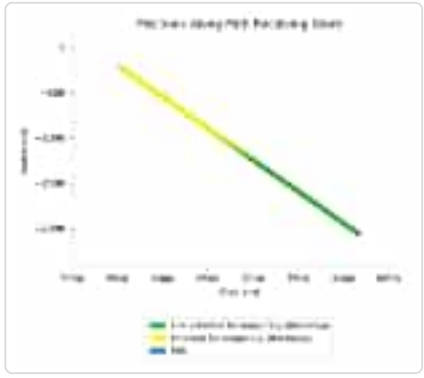




PV array 2: South Hykeham RWY 31

PV array is expected to produce the following glare for this receptor:

- 3,111 minutes of "green" glare with low potential to cause temporary after-image.
- 139 minutes of "yellow" glare with potential to cause temporary after-image.

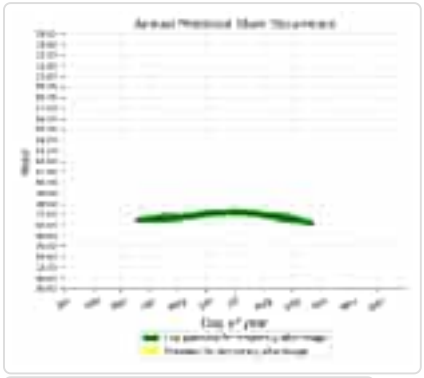
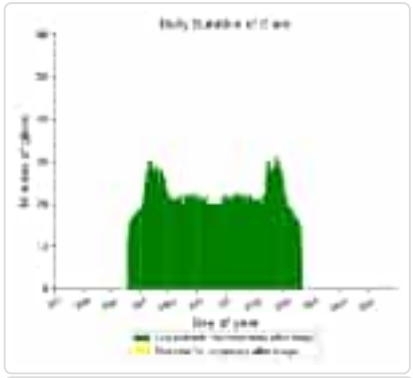
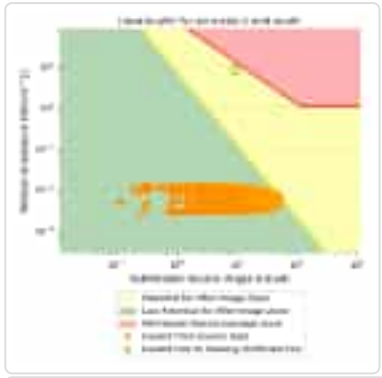
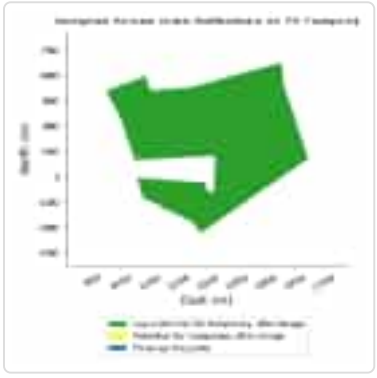
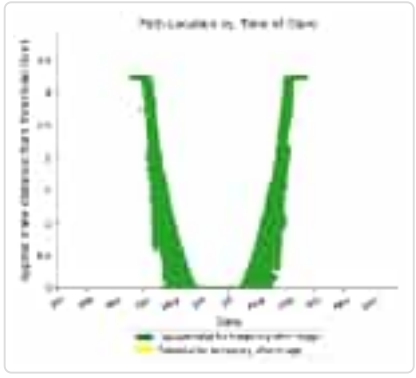
PV array 2: South Scarle RW 28

No glare found

PV array 2: South Scarle RWY 10

PV array is expected to produce the following glare for this receptor:

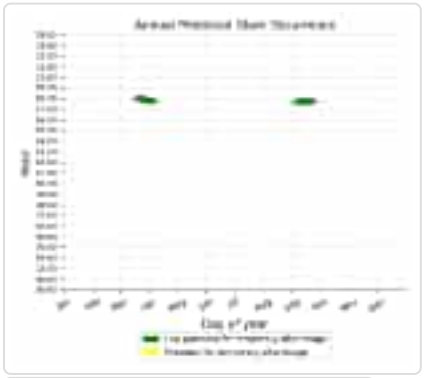
- 4,185 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

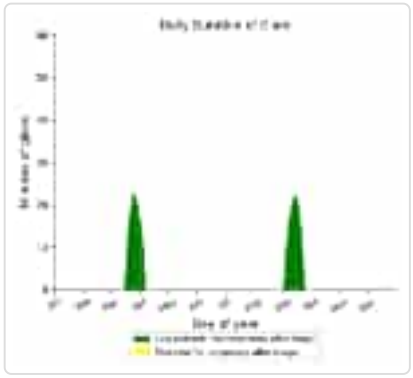






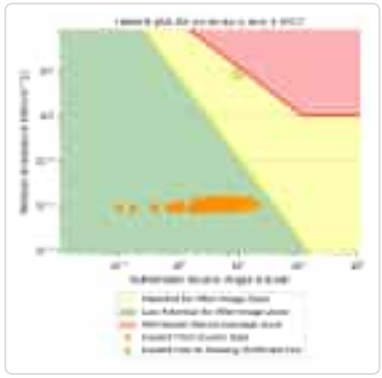
PV array 2: 1-ATCT

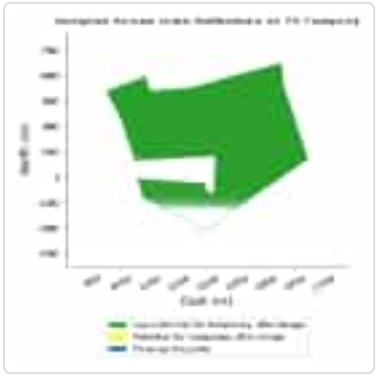
PV array is expected to produce the following glare for this receptor:

- 708 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 3 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	843	0
FP: Peacocks Farm RWY 06	0	0
FP: Peacocks Farm RWY 24	2721	616
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	0	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	453	0
FP: South Hykeham RWY 31	1399	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	1150	77
OP: 1-ATCT	0	0

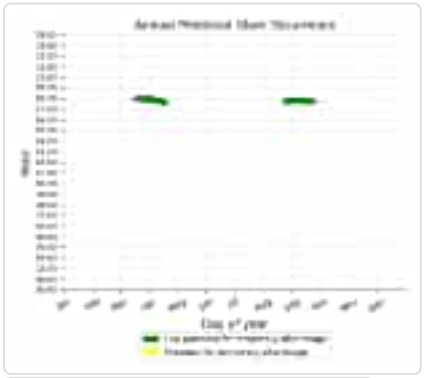
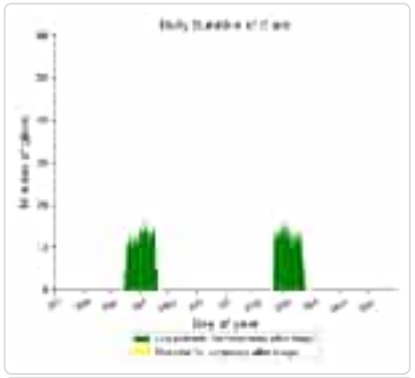
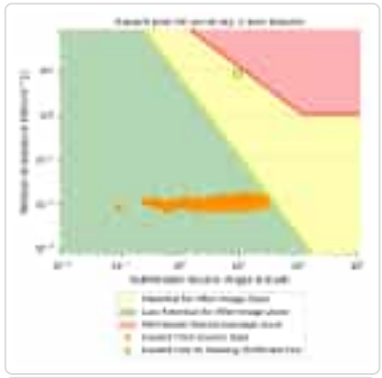
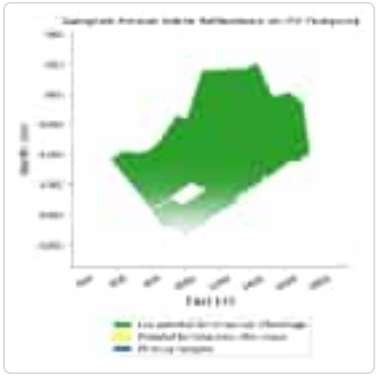
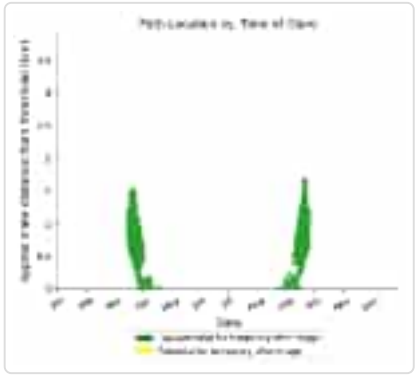
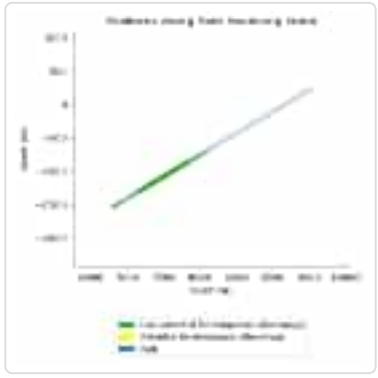
PV array 3: Blackmoor Farm RWY 06

No glare found

PV array 3: Blackmoor Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 843 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

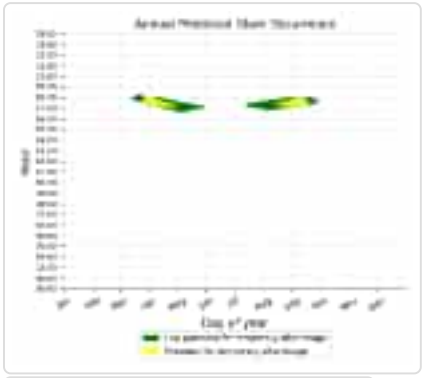
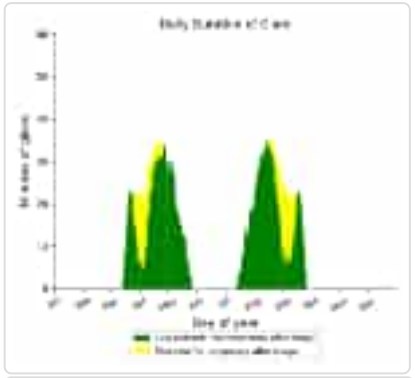
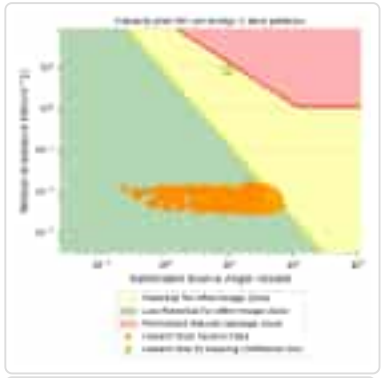
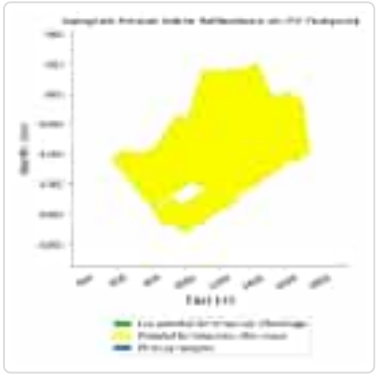
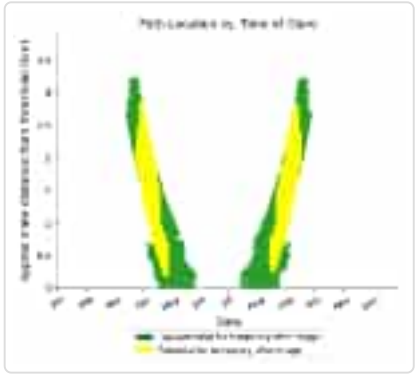
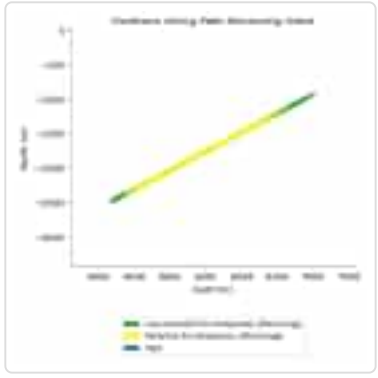
PV array 3: Peacocks Farm RWY 06

No glare found

PV array 3: Peacocks Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 2,721 minutes of "green" glare with low potential to cause temporary after-image.
- 616 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 3: RAF Waddington RWY 02

No glare found

PV array 3: RAF Waddington RWY 20

No glare found

PV array 3: South Hykeham RWY 10

No glare found

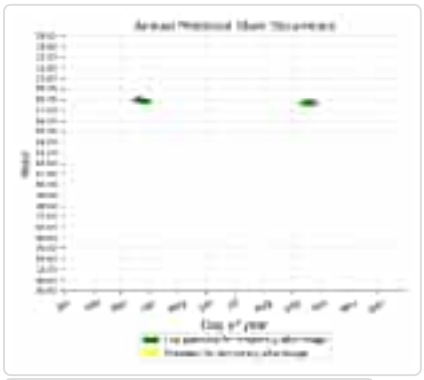
PV array 3: South Hykeham RWY 13

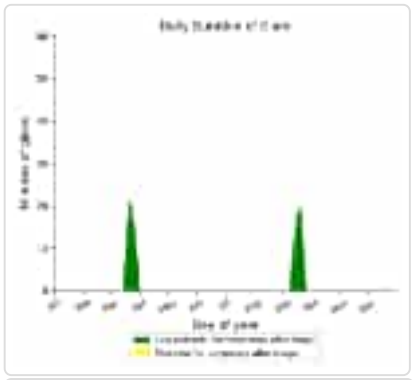
No glare found

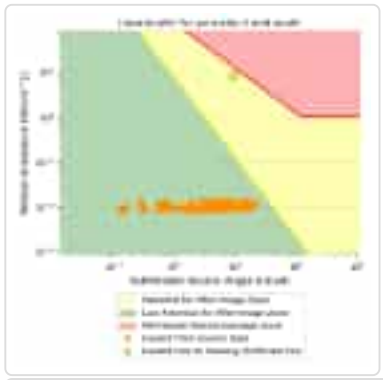
PV array 3: South Hykeham RWY 28

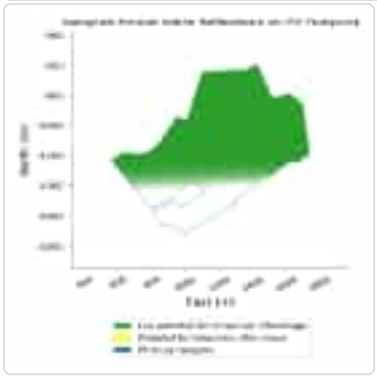
PV array is expected to produce the following glare for this receptor:

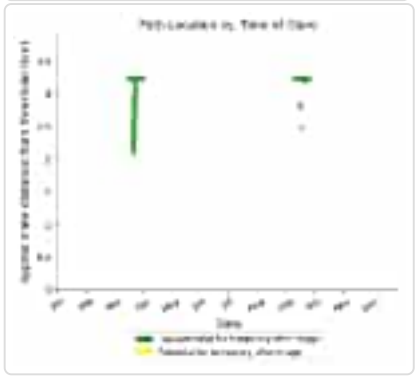
- 453 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

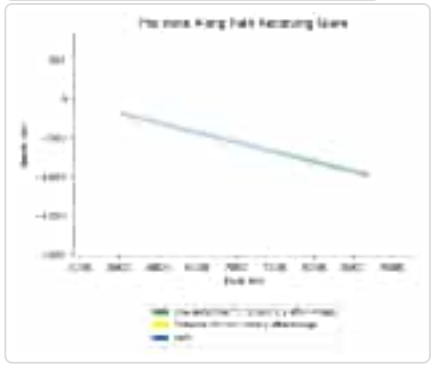








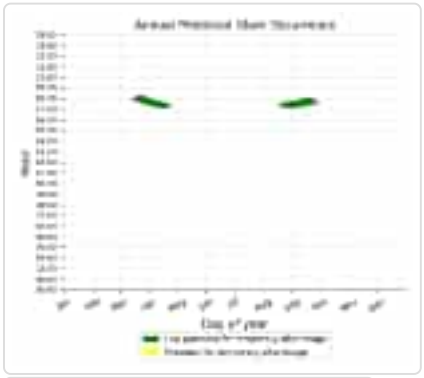
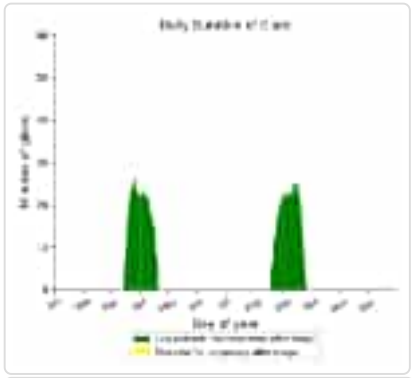
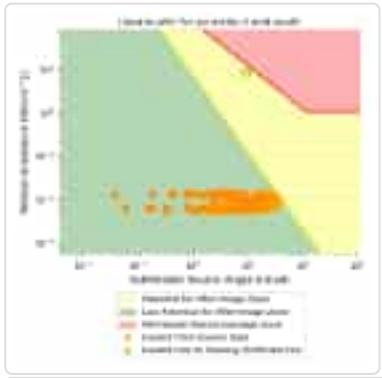
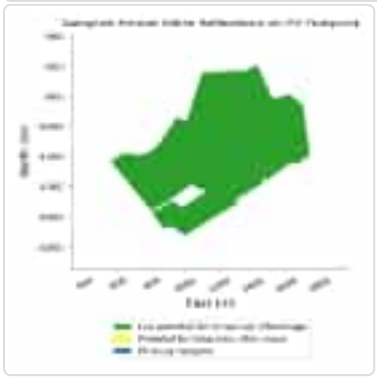
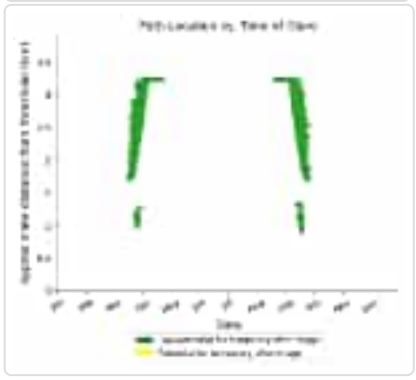
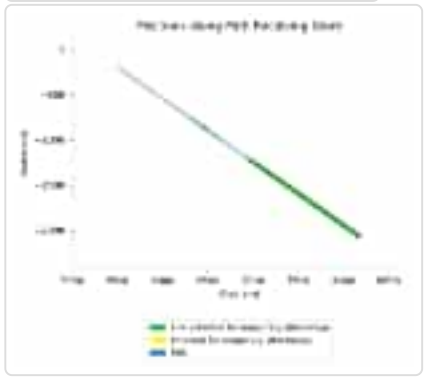




PV array 3: South Hykeham RWY 31

PV array is expected to produce the following glare for this receptor:

- 1,399 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

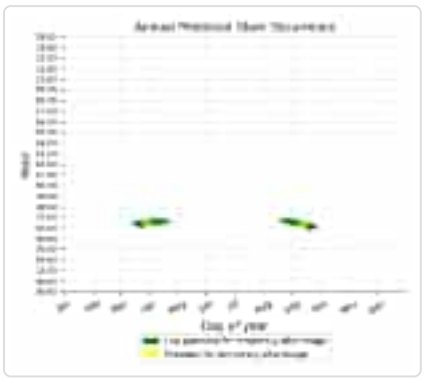
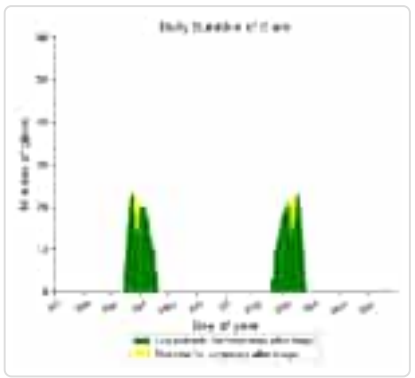
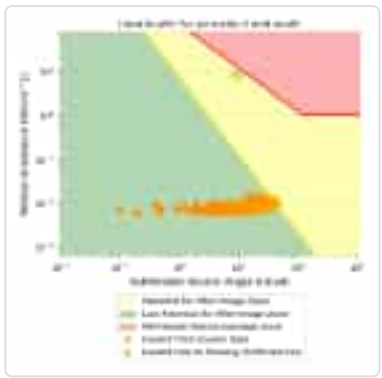
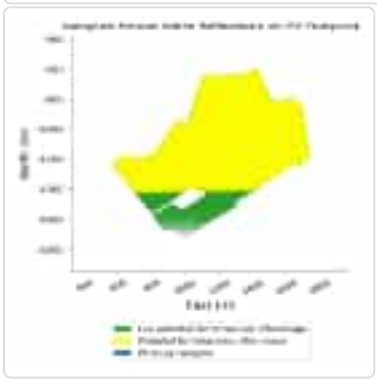
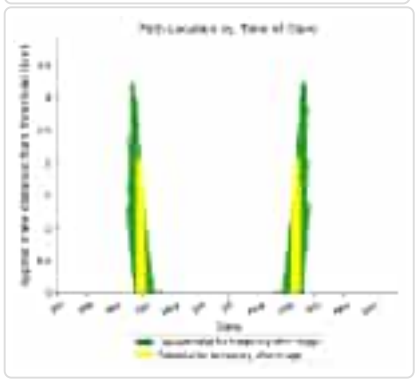
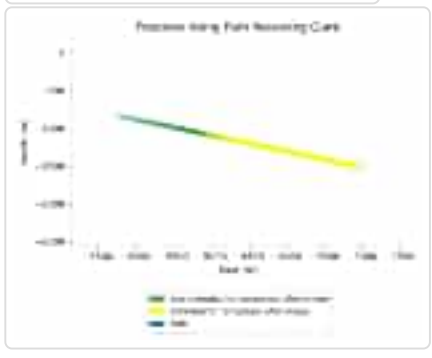
PV array 3: South Scarle RW 28

No glare found

PV array 3: South Scarle RWY 10

PV array is expected to produce the following glare for this receptor:

- 1,150 minutes of "green" glare with low potential to cause temporary after-image.
- 77 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 3: 1-ATCT

No glare found

PV array 4 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	1651	0
FP: Peacocks Farm RWY 06	0	0
FP: Peacocks Farm RWY 24	2782	417
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	0	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	934	251
FP: South Hykeham RWY 31	1620	842
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	2227	0
OP: 1-ATCT	128	0

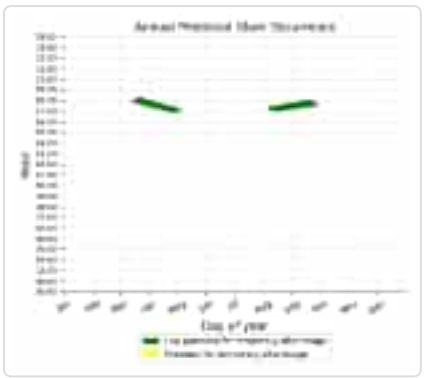
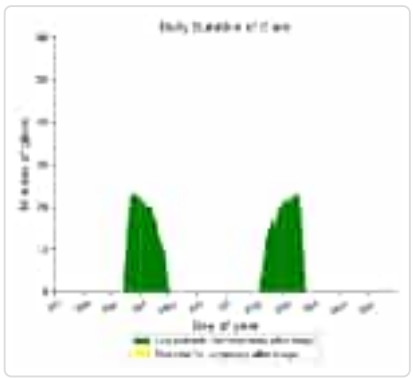
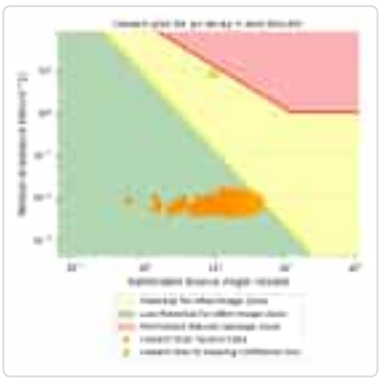
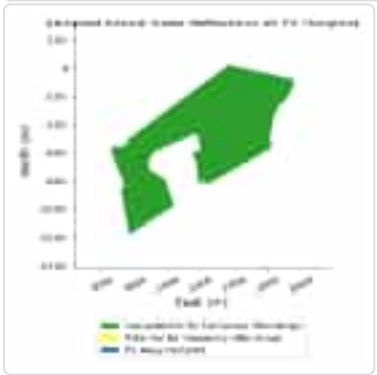
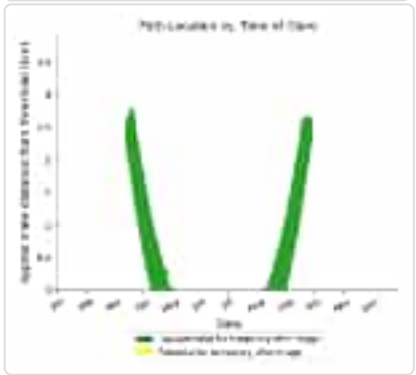
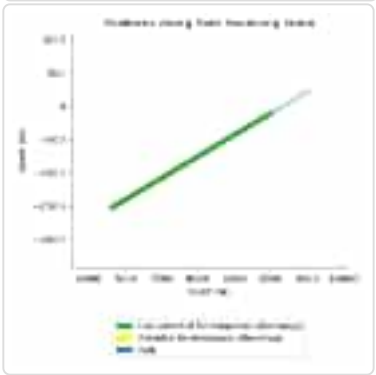
PV array 4: Blackmoor Farm RWY 06

No glare found

PV array 4: Blackmoor Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 1,651 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

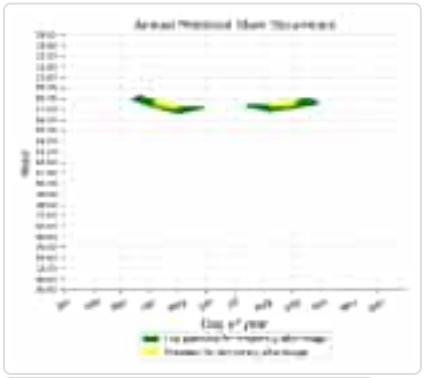
PV array 4: Peacocks Farm RWY 06

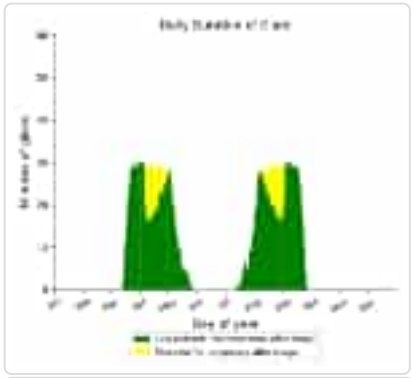
No glare found

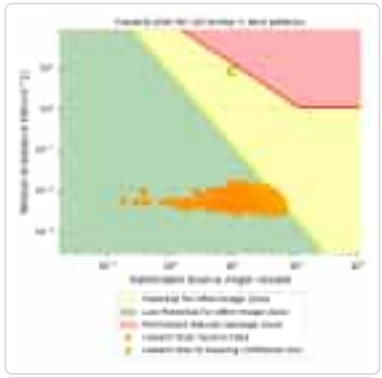
PV array 4: Peacocks Farm RWY 24

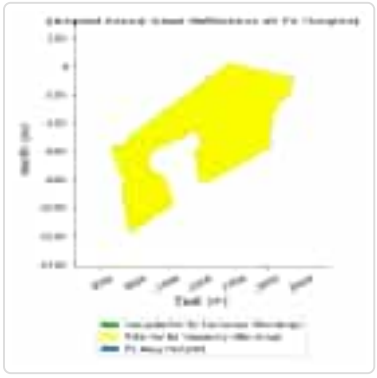
PV array is expected to produce the following glare for this receptor:

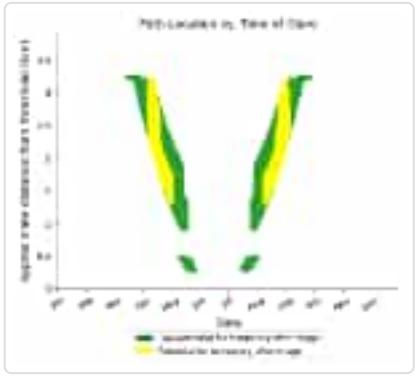
- 2,782 minutes of "green" glare with low potential to cause temporary after-image.
- 417 minutes of "yellow" glare with potential to cause temporary after-image.

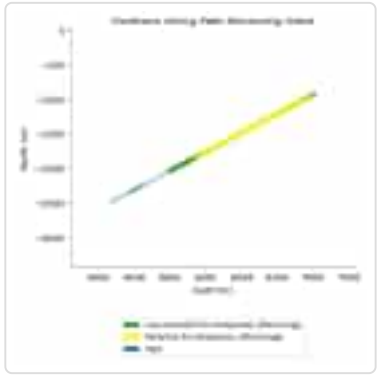












PV array 4: RAF Waddington RWY 02

No glare found

PV array 4: RAF Waddington RWY 20

No glare found

PV array 4: South Hykeham RWY 10

No glare found

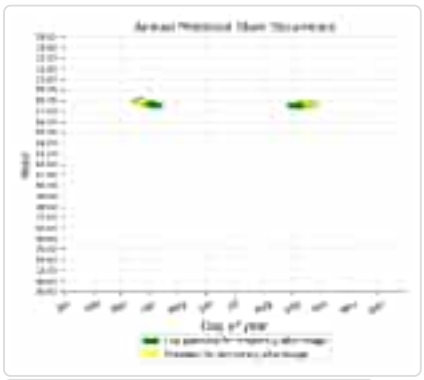
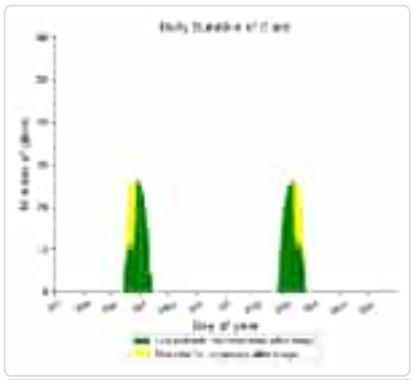
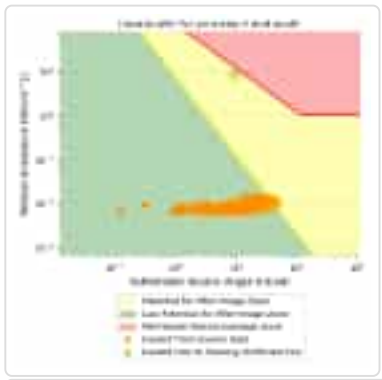
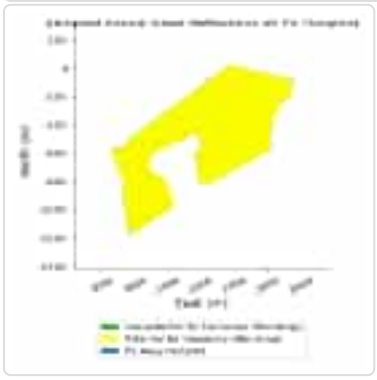
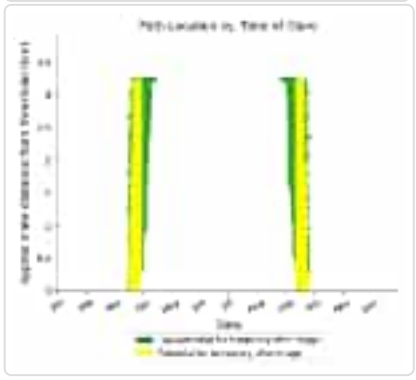
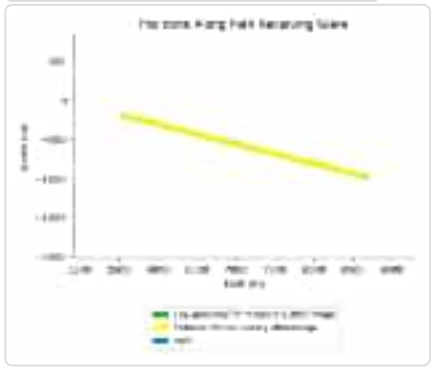
PV array 4: South Hykeham RWY 13

No glare found

PV array 4: South Hykeham RWY 28

PV array is expected to produce the following glare for this receptor:

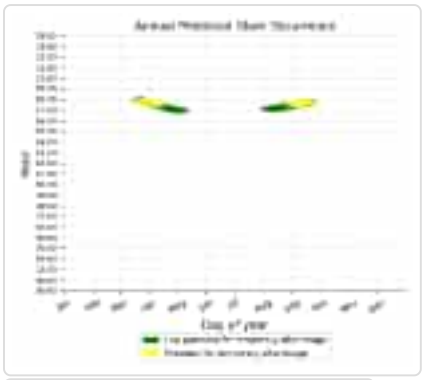
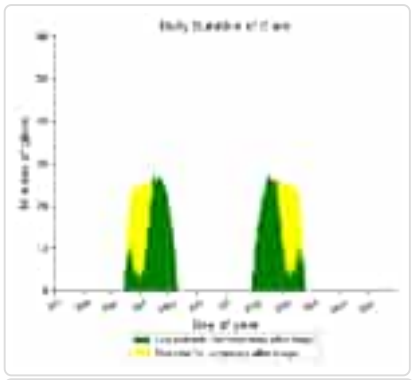
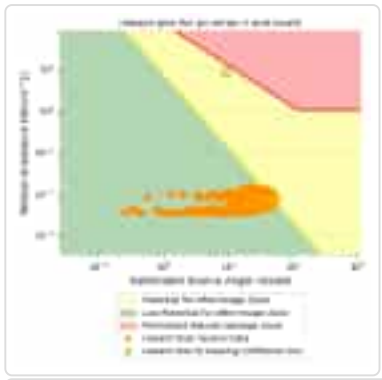
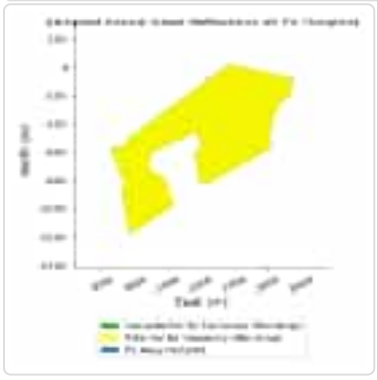
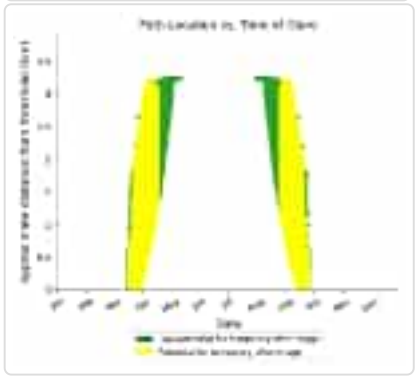
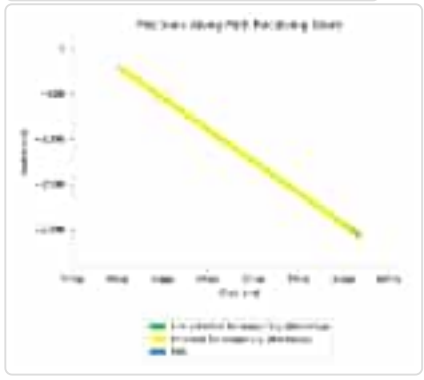
- 934 minutes of "green" glare with low potential to cause temporary after-image.
- 251 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 4: South Hykeham RWY 31

PV array is expected to produce the following glare for this receptor:

- 1,620 minutes of "green" glare with low potential to cause temporary after-image.
- 842 minutes of "yellow" glare with potential to cause temporary after-image.

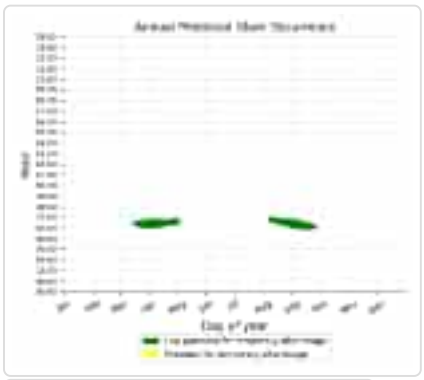
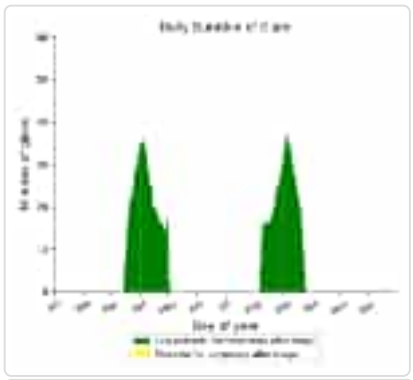
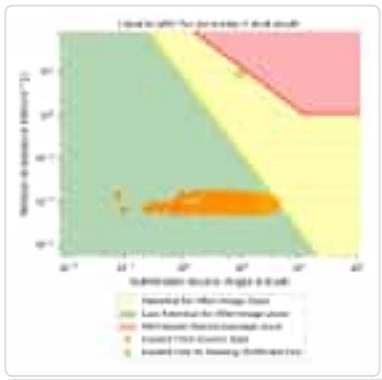
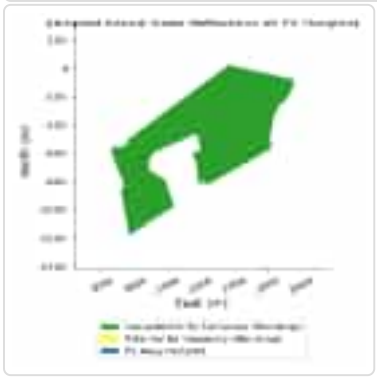
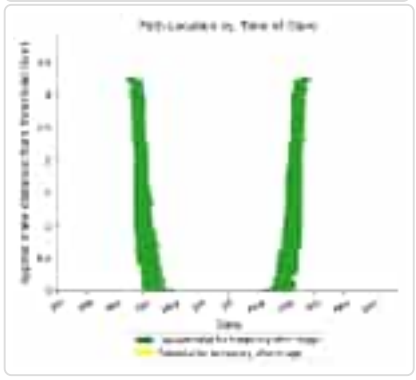
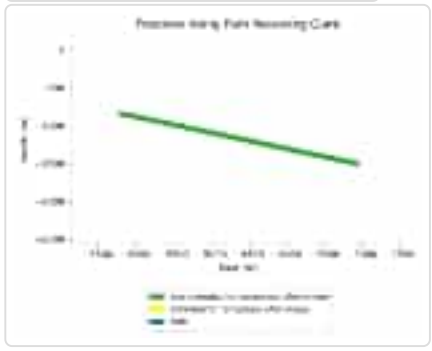
PV array 4: South Scarle RW 28

No glare found

PV array 4: South Scarle RWY 10

PV array is expected to produce the following glare for this receptor:

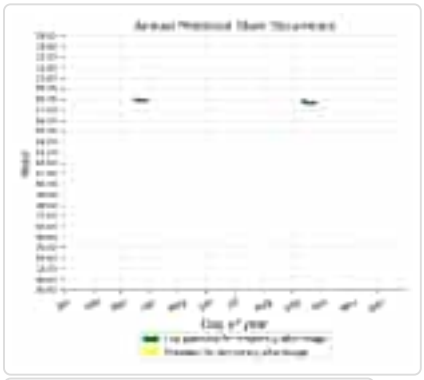
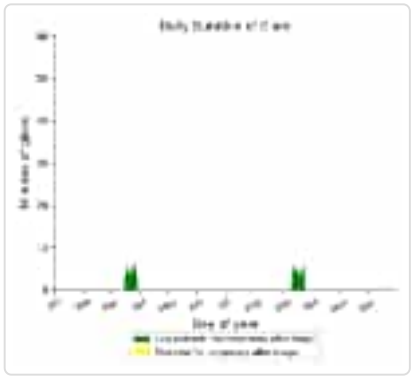
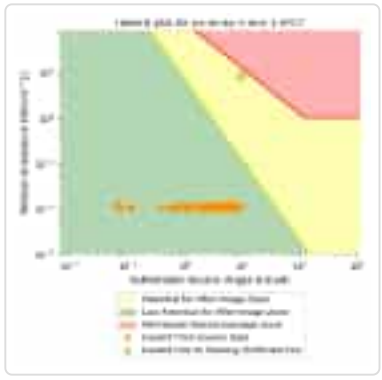
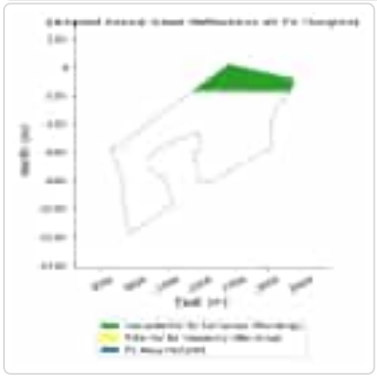
- 2,227 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 4: 1-ATCT

PV array is expected to produce the following glare for this receptor:

- 128 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 5 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)

FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	1866	0
FP: Peacocks Farm RWY 06	0	0
FP: Peacocks Farm RWY 24	1707	0
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	0	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	1739	0
FP: South Hykeham RWY 31	3499	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	2337	0
OP: 1-ATCT	362	0

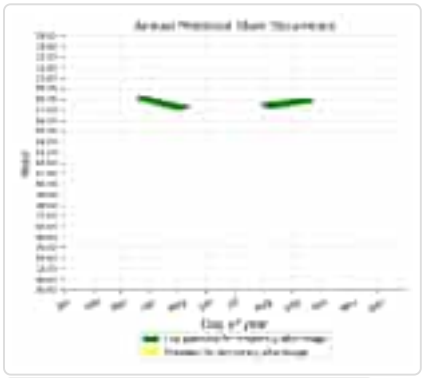
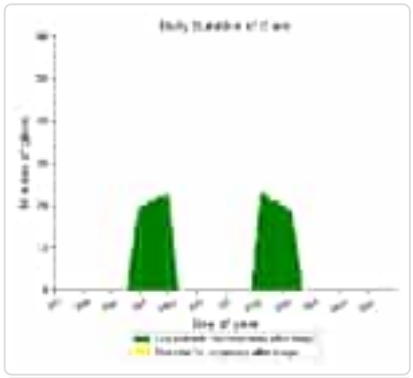
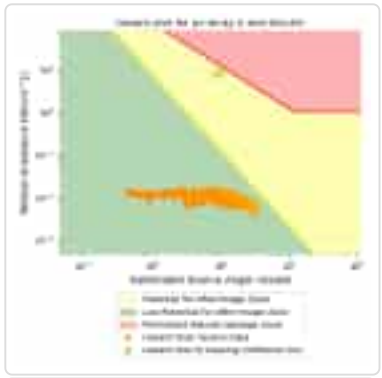
PV array 5: Blackmoor Farm RWY 06

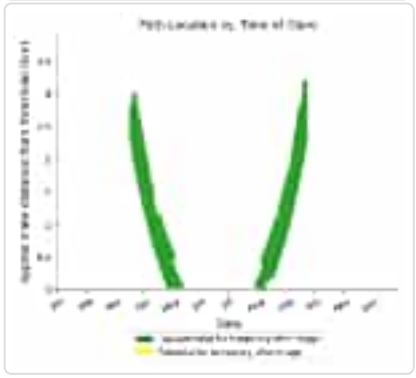
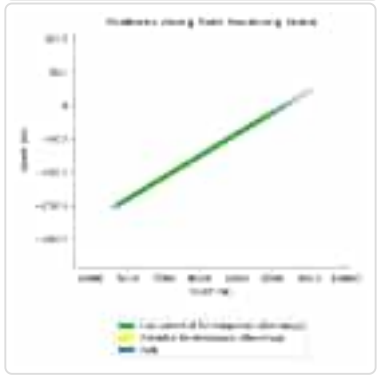
No glare found

PV array 5: Blackmoor Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 1,866 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

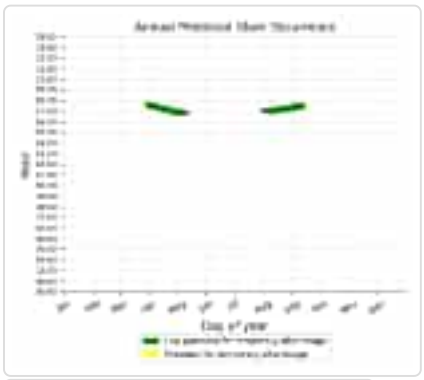
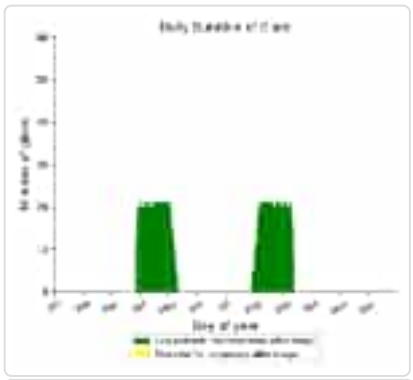
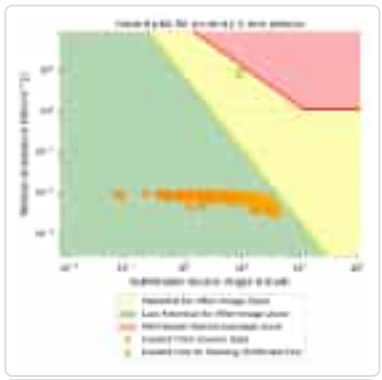
PV array 5: Peacocks Farm RWY 06

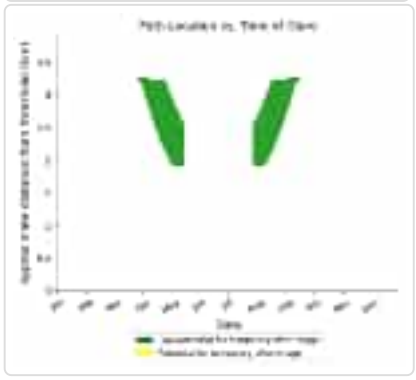
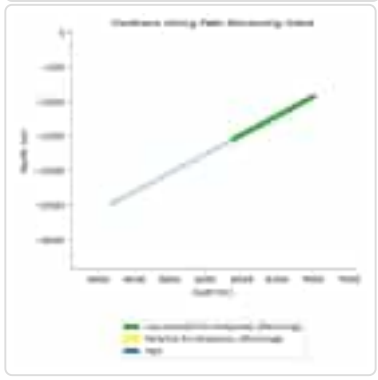
No glare found

PV array 5: Peacocks Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 1,707 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 5: RAF Waddington RWY 02

No glare found

PV array 5: RAF Waddington RWY 20

No glare found

PV array 5: South Hykeham RWY 10

No glare found

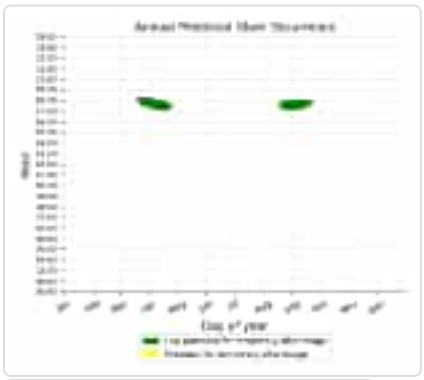
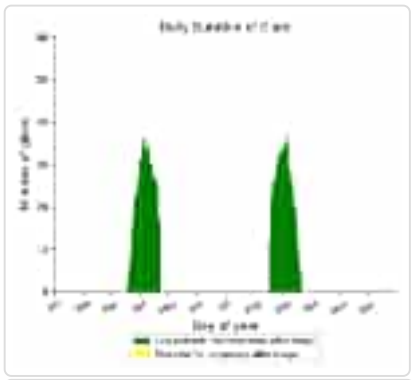
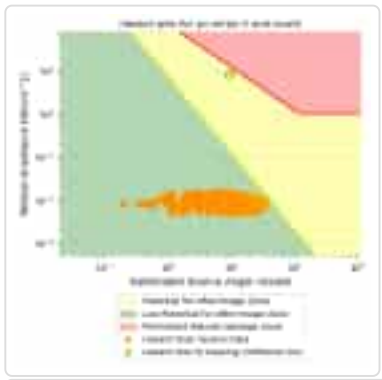
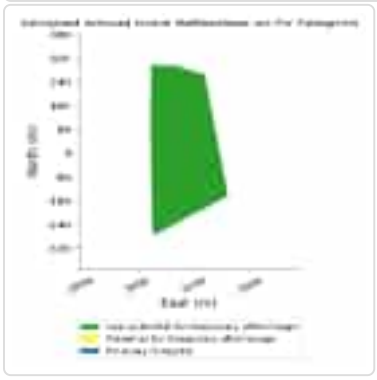
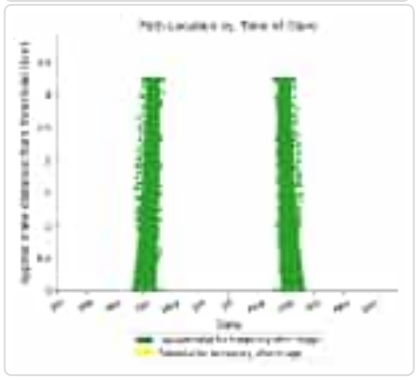
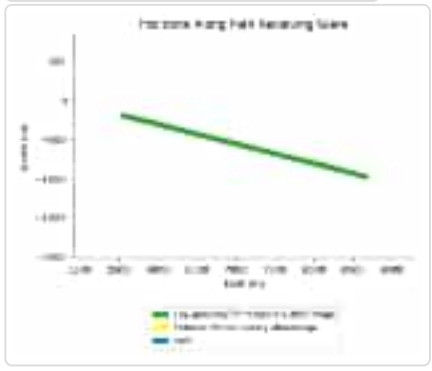
PV array 5: South Hykeham RWY 13

No glare found

PV array 5: South Hykeham RWY 28

PV array is expected to produce the following glare for this receptor:

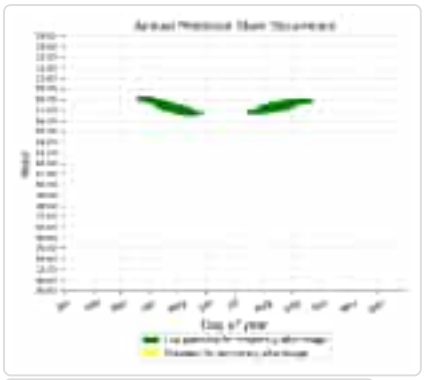
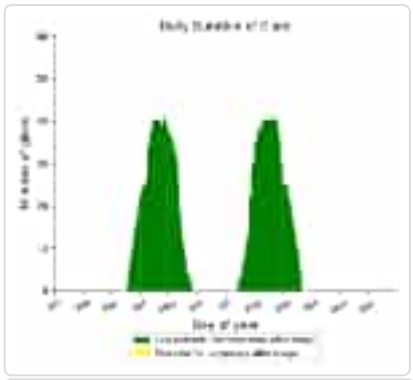
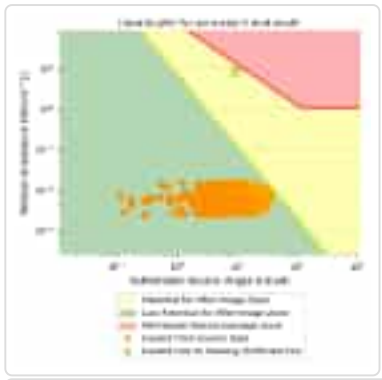
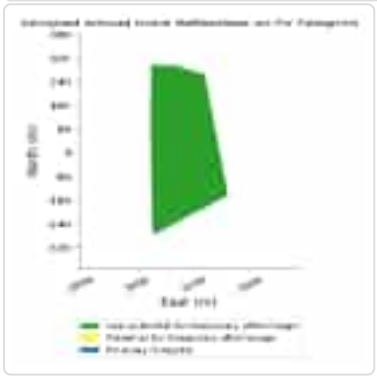
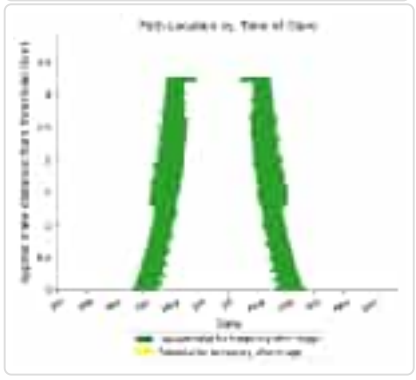
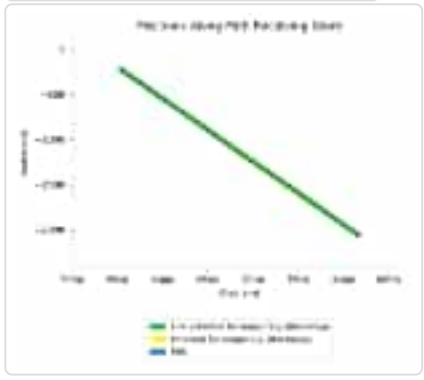
- 1,739 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 5: South Hykeham RWY 31

PV array is expected to produce the following glare for this receptor:

- 3,499 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

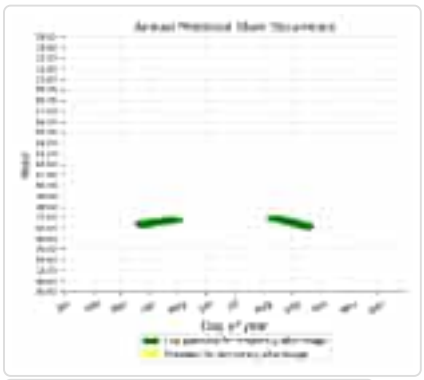
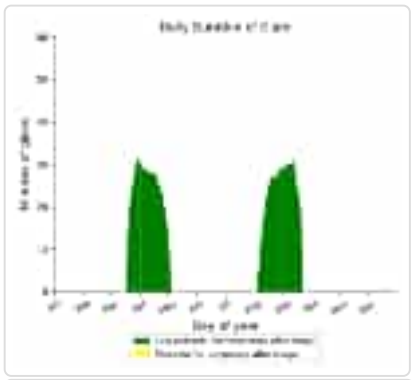
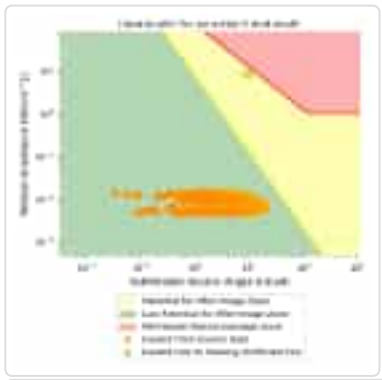
PV array 5: South Scarle RW 28

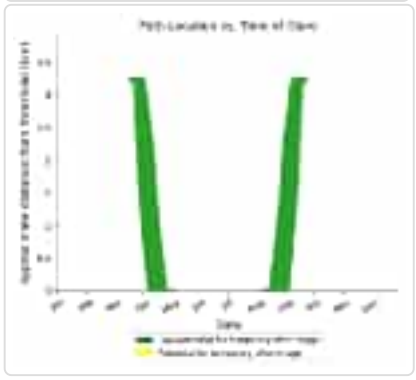
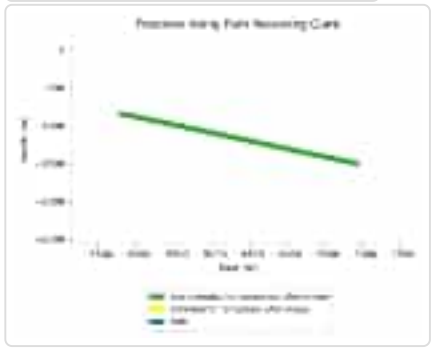
No glare found

PV array 5: South Scarle RWY 10

PV array is expected to produce the following glare for this receptor:

- 2,337 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

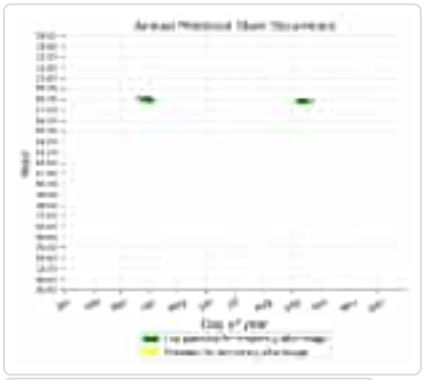
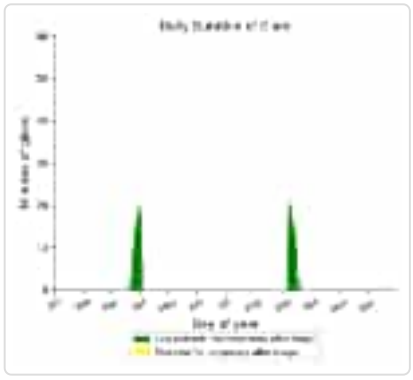
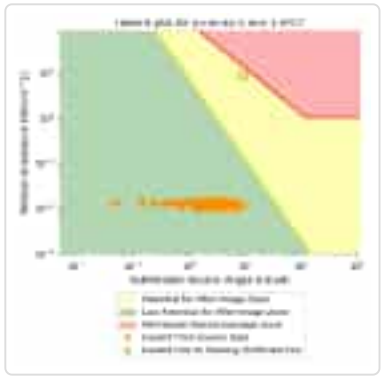
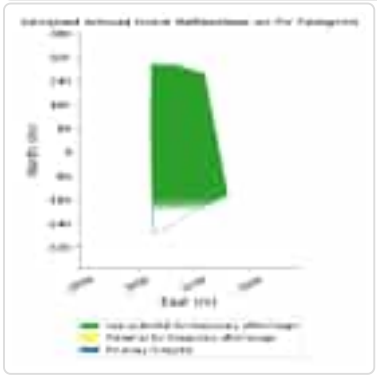




PV array 5: 1-ATCT

PV array is expected to produce the following glare for this receptor:

- 362 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 6 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)

FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	921	0
FP: Peacocks Farm RWY 06	0	0
FP: Peacocks Farm RWY 24	2366	650
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	0	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	622	0
FP: South Hykeham RWY 31	1888	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	859	0
OP: 1-ATCT	0	0

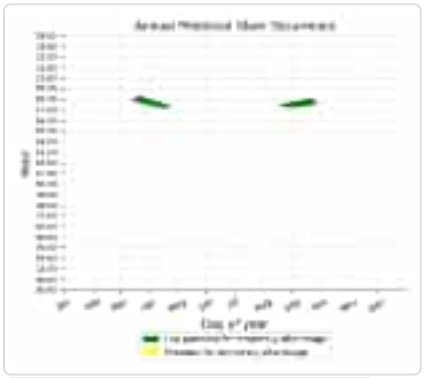
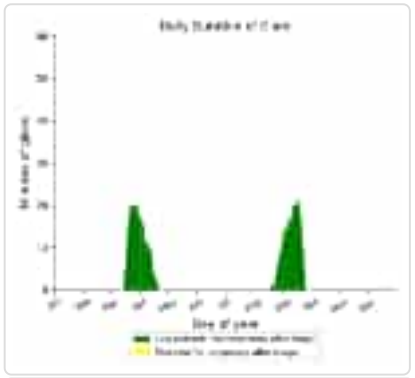
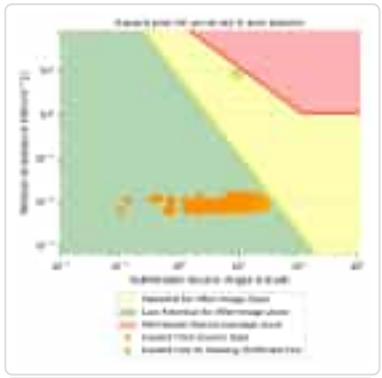
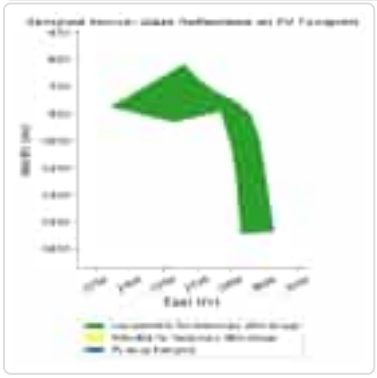
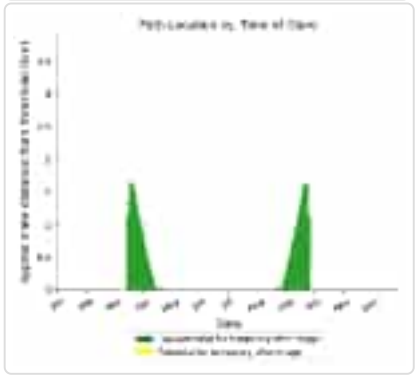
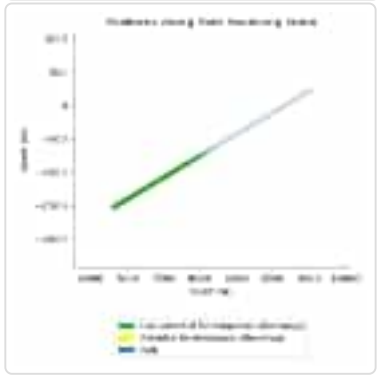
PV array 6: Blackmoor Farm RWY 06

No glare found

PV array 6: Blackmoor Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 921 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

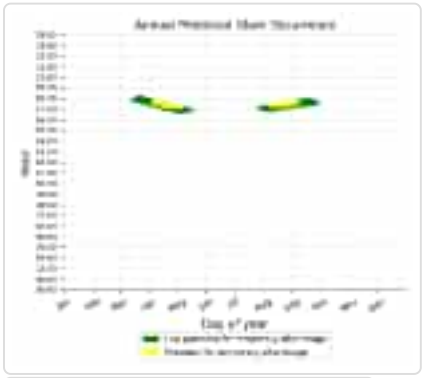
PV array 6: Peacocks Farm RWY 06

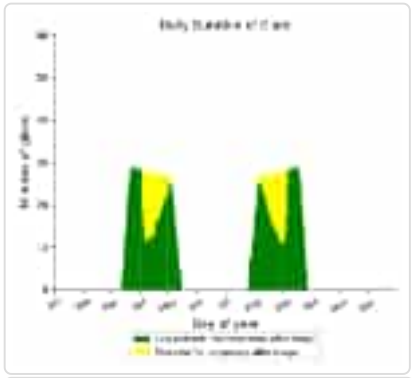
No glare found

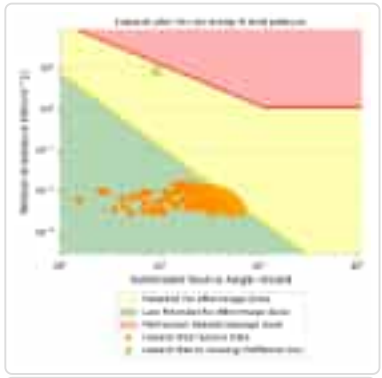
PV array 6: Peacocks Farm RWY 24

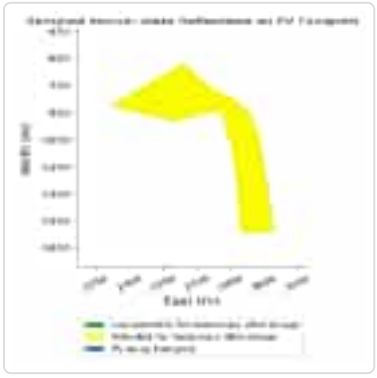
PV array is expected to produce the following glare for this receptor:

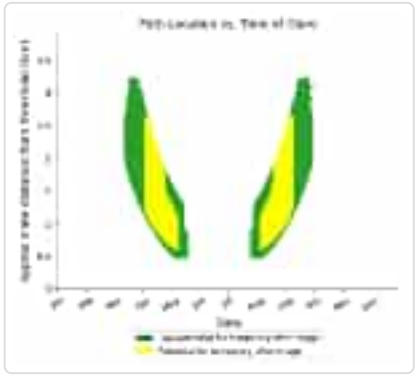
- 2,366 minutes of "green" glare with low potential to cause temporary after-image.
- 650 minutes of "yellow" glare with potential to cause temporary after-image.

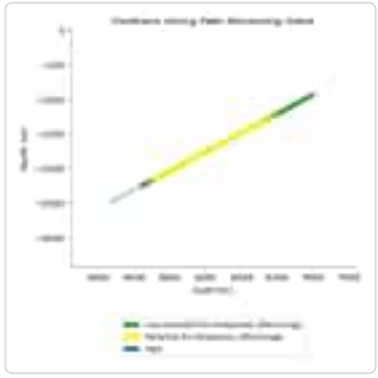












PV array 6: RAF Waddington RWY 02

No glare found

PV array 6: RAF Waddington RWY 20

No glare found

PV array 6: South Hykeham RWY 10

No glare found

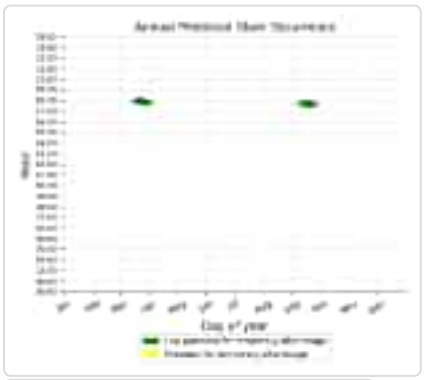
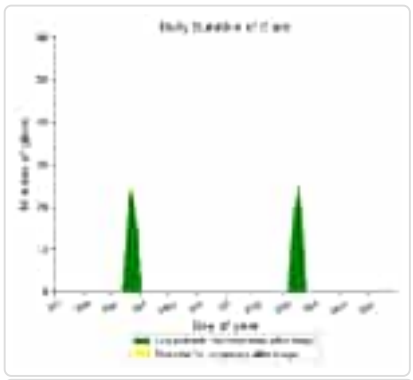
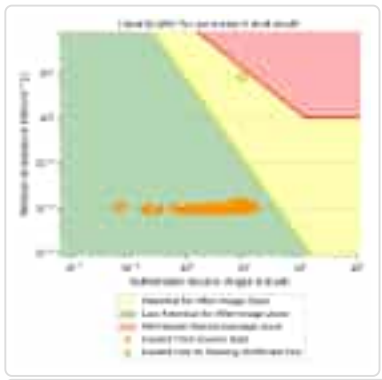
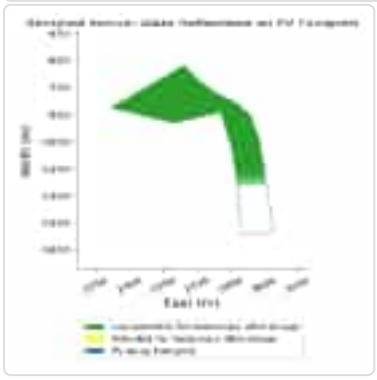
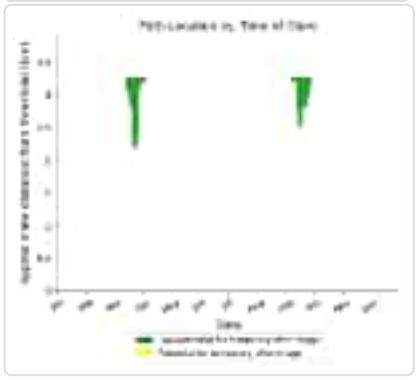
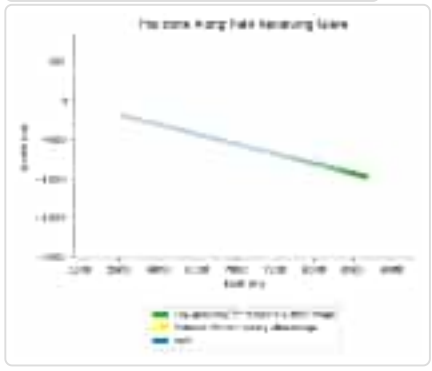
PV array 6: South Hykeham RWY 13

No glare found

PV array 6: South Hykeham RWY 28

PV array is expected to produce the following glare for this receptor:

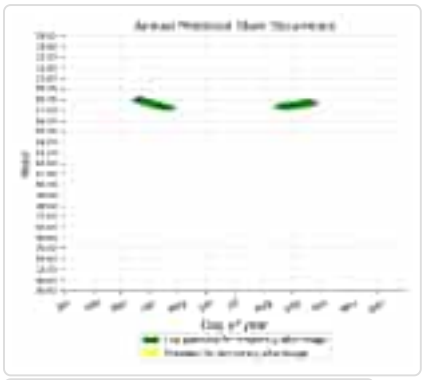
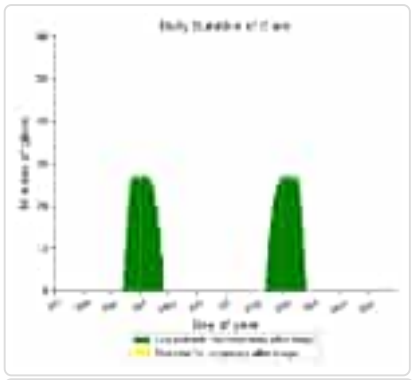
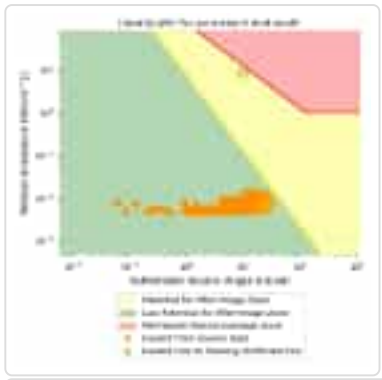
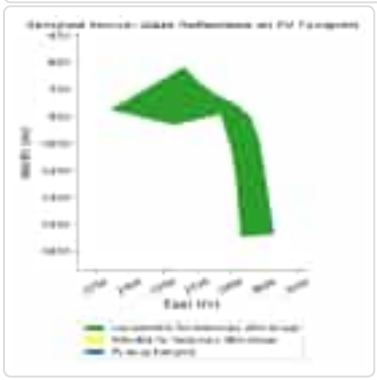
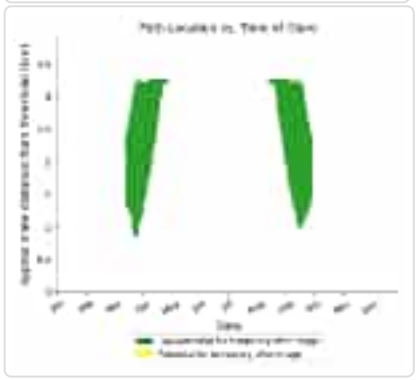
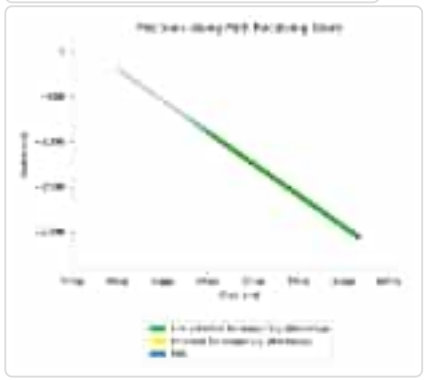
- 622 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 6: South Hykeham RWY 31

PV array is expected to produce the following glare for this receptor:

- 1,888 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

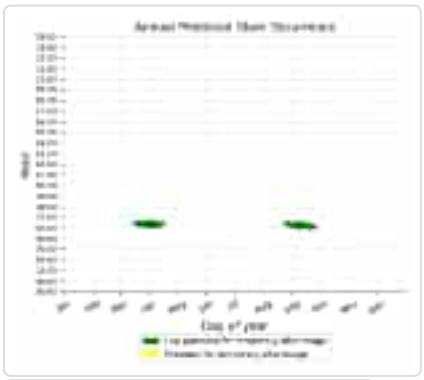
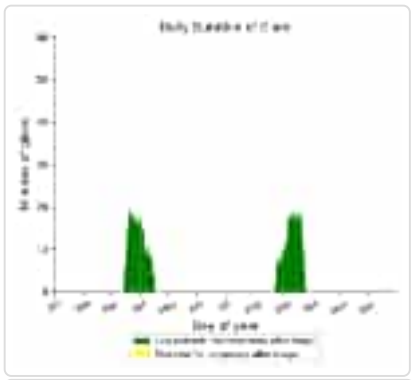
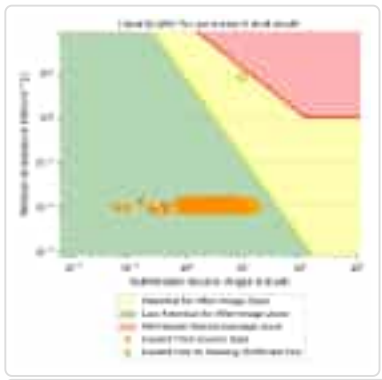
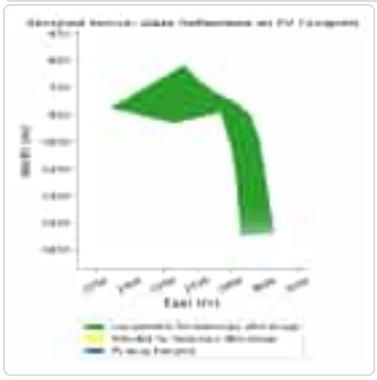
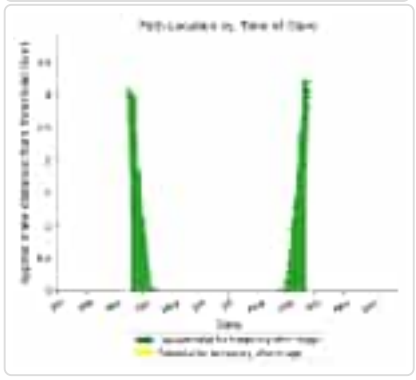
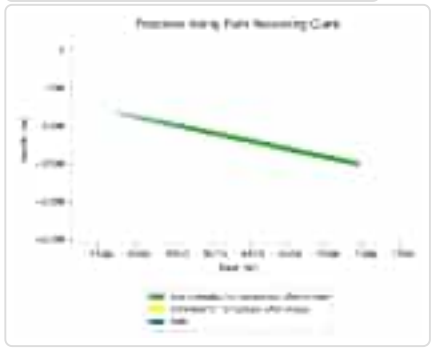
PV array 6: South Scarle RW 28

No glare found

PV array 6: South Scarle RWY 10

PV array is expected to produce the following glare for this receptor:

- 859 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 6: 1-ATCT

No glare found

PV array 7 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	715	0
FP: Peacocks Farm RWY 06	0	0
FP: Peacocks Farm RWY 24	1061	1803
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	0	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	282	0
FP: South Hykeham RWY 31	1452	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	623	0
OP: 1-ATCT	0	0

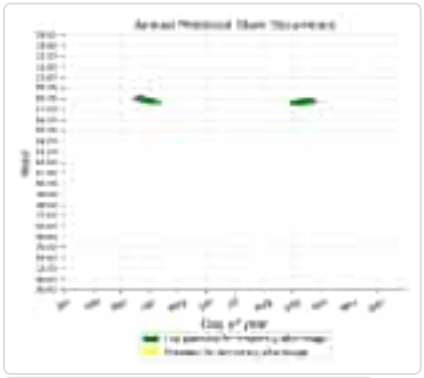
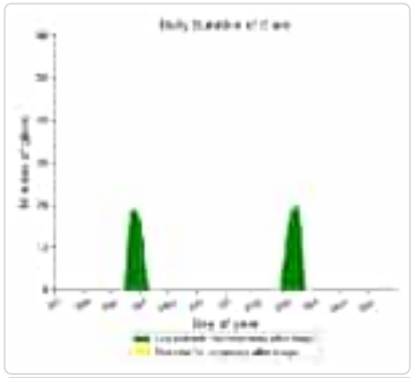
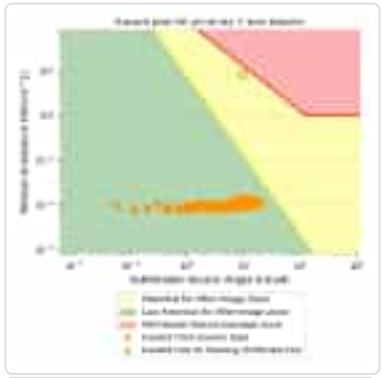
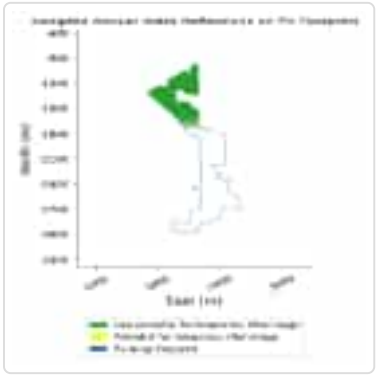
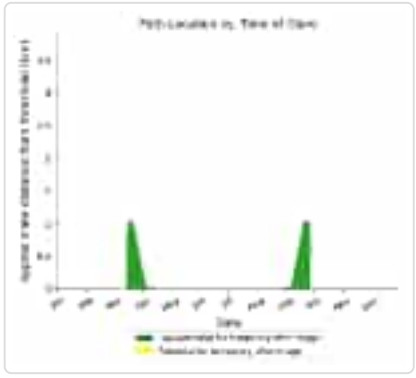
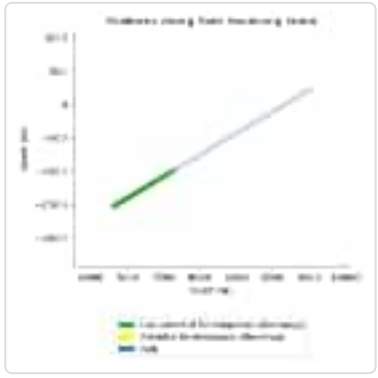
PV array 7: Blackmoor Farm RWY 06

No glare found

PV array 7: Blackmoor Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 715 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

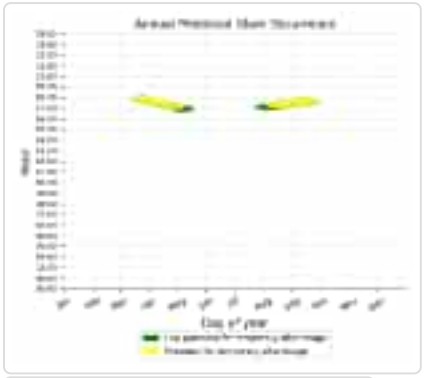
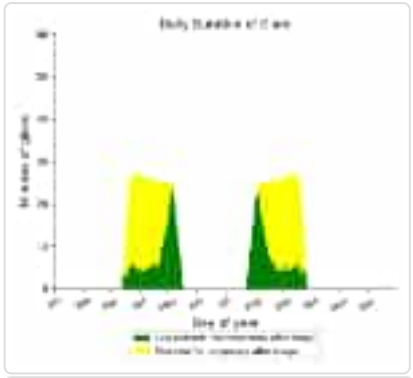
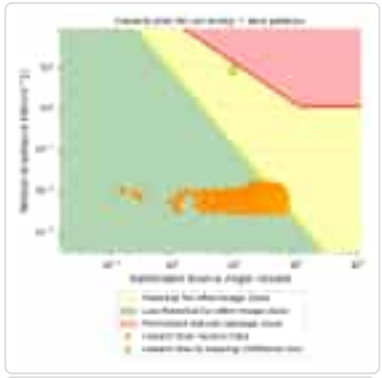
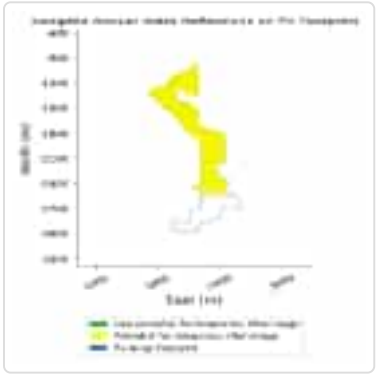
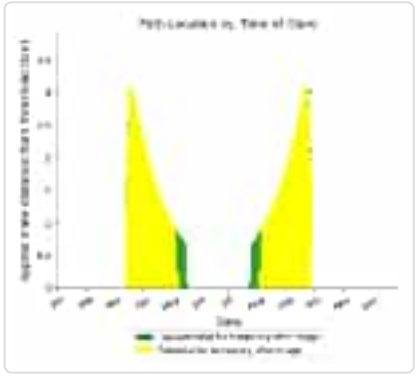
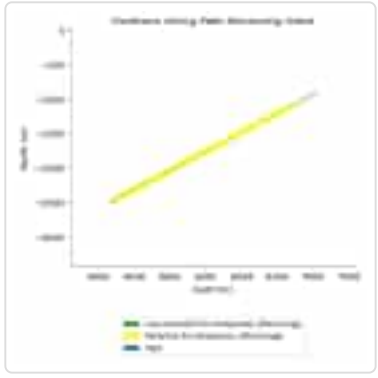
PV array 7: Peacocks Farm RWY 06

No glare found

PV array 7: Peacocks Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 1,061 minutes of "green" glare with low potential to cause temporary after-image.
- 1,803 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 7: RAF Waddington RWY 02

No glare found

PV array 7: RAF Waddington RWY 20

No glare found

PV array 7: South Hykeham RWY 10

No glare found

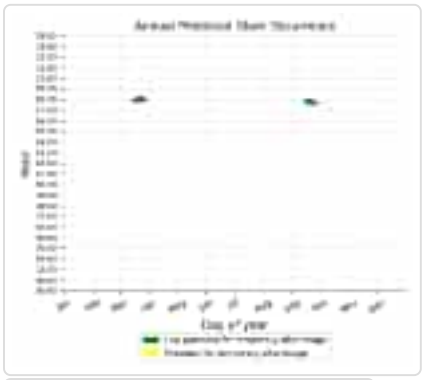
PV array 7: South Hykeham RWY 13

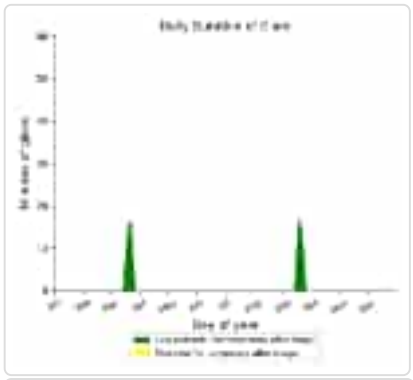
No glare found

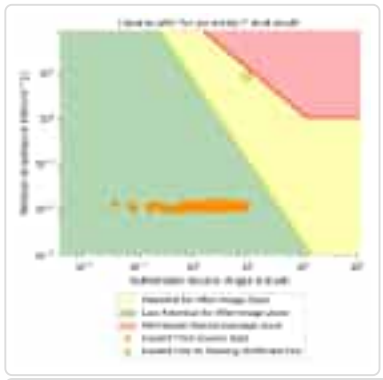
PV array 7: South Hykeham RWY 28

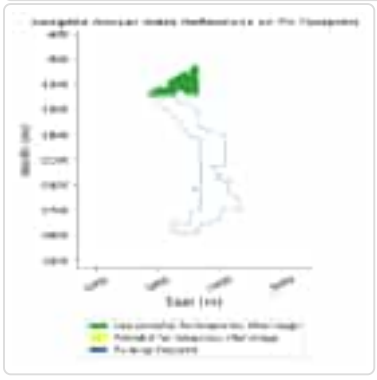
PV array is expected to produce the following glare for this receptor:

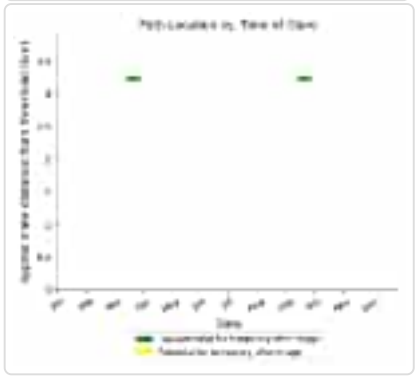
- 282 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

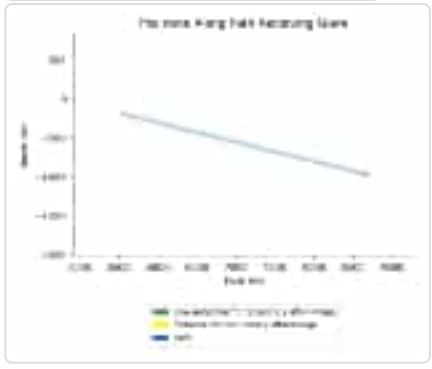








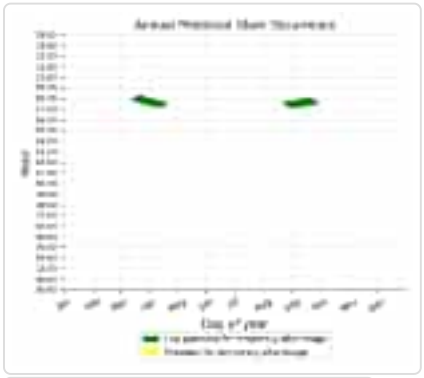
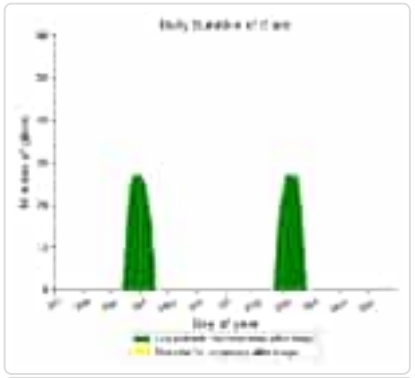
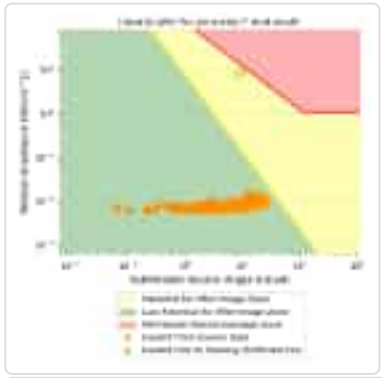
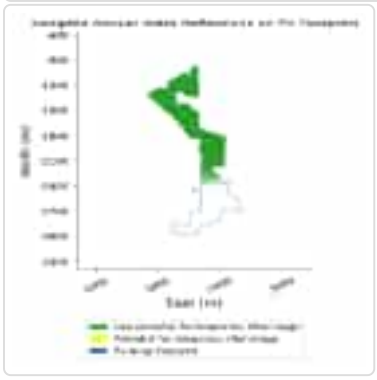
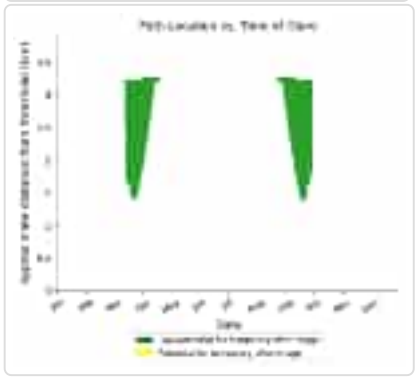
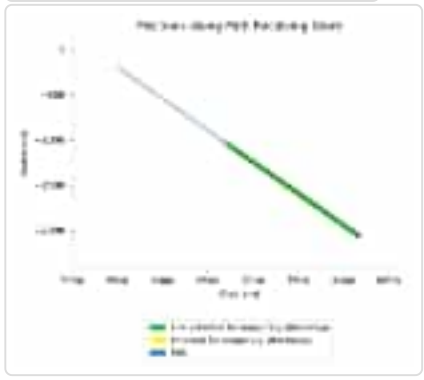




PV array 7: South Hykeham RWY 31

PV array is expected to produce the following glare for this receptor:

- 1,452 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

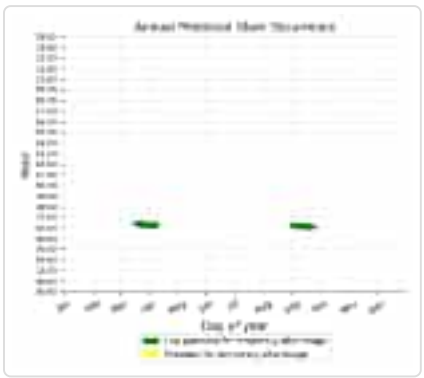
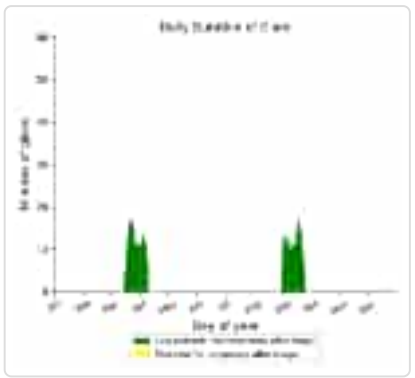
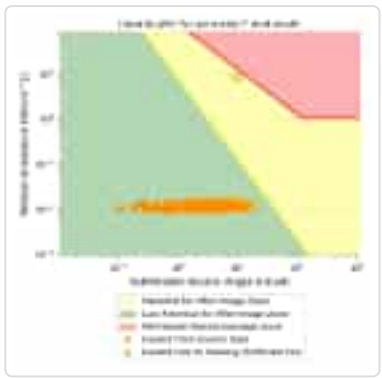
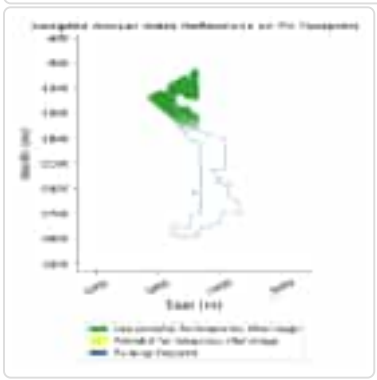
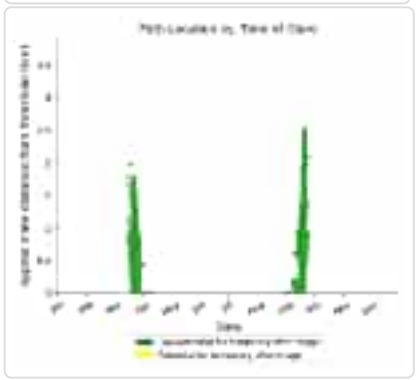
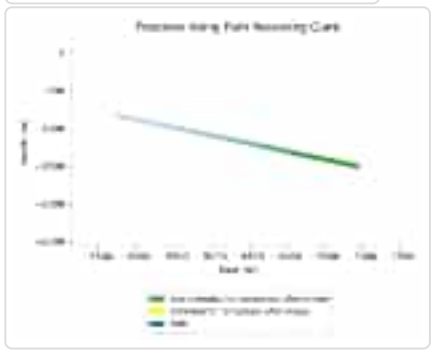
PV array 7: South Scarle RW 28

No glare found

PV array 7: South Scarle RWY 10

PV array is expected to produce the following glare for this receptor:

- 623 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 7: 1-ATCT

No glare found

PV array 8 no glare found

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	0	0
FP: Peacocks Farm RWY 06	0	0
FP: Peacocks Farm RWY 24	0	0
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	0	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	0	0
FP: South Hykeham RWY 31	0	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	0	0
OP: 1-ATCT	0	0

No glare found

PV array 9 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	0	0
FP: Peacocks Farm RWY 06	919	0
FP: Peacocks Farm RWY 24	0	0
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	0	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	0	0
FP: South Hykeham RWY 31	0	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	0	0
OP: 1-ATCT	0	0

PV array 9: Blackmoor Farm RWY 06

No glare found

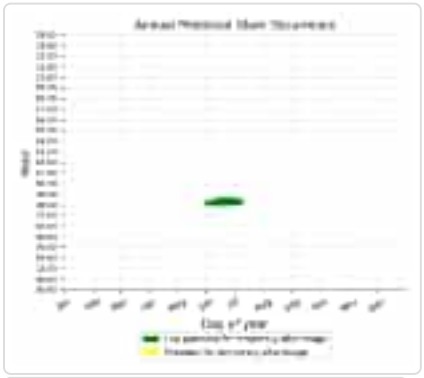
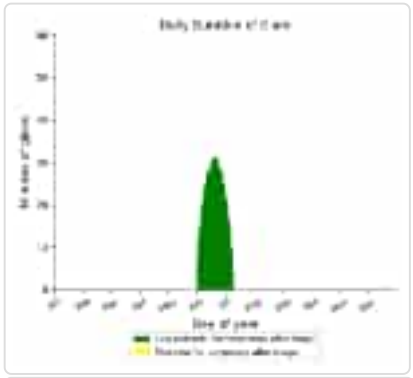
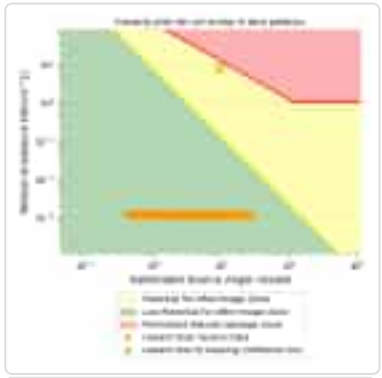
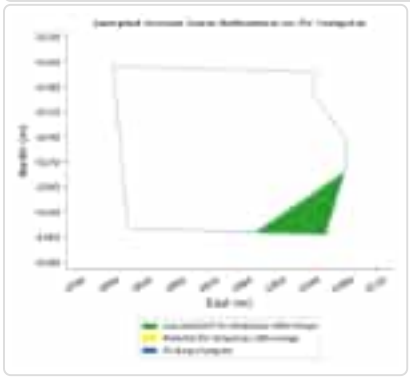
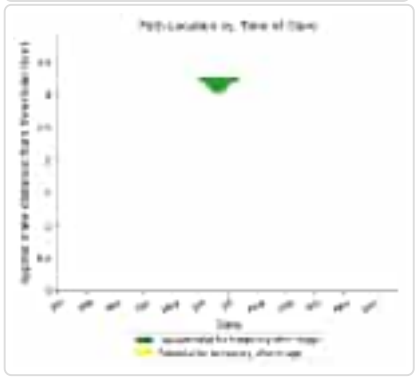
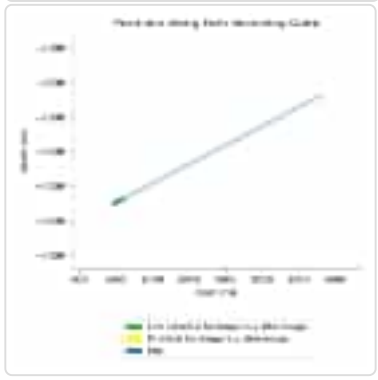
PV array 9: Blackmoor Farm RWY 24

No glare found

PV array 9: Peacocks Farm RWY 06

PV array is expected to produce the following glare for this receptor:

- 919 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 9: Peacocks Farm RWY 24

No glare found

PV array 9: RAF Waddington RWY 02

No glare found

PV array 9: RAF Waddington RWY 20

No glare found

PV array 9: South Hykeham RWY 10

No glare found

PV array 9: South Hykeham RWY 13

No glare found

PV array 9: South Hykeham RWY 28

No glare found

PV array 9: South Hykeham RWY 31

No glare found

PV array 9: South Scarle RW 28

No glare found

PV array 9: South Scarle RWY 10

No glare found

PV array 9: 1-ATCT

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Fosse Green Solar Farm

Fosse Green SF Aviation Tracker

Created Jan 11, 2024
Updated Sep 04, 2024
Time-step 1 minute
Timezone offset UTC0
Minimum sun altitude 0.0 deg
Site ID 109532.18719

Project type Advanced
Project status: active
Category 10 MW to 100 MW

Misc. Analysis Settings

DNI: **varies (1,000.0 W/m^2 peak)**
Ocular transmission coefficient: **0.5**
Pupil diameter: **0.002 m**
Eye focal length: **0.017 m**
Sun subtended angle: **9.3 mrad**

PV Analysis Methodology: **Version 2**
Enhanced subtended angle calculation: **On**

Summary of Results

Glare with potential for temporary after-image predicted

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced
	deg	deg	min	min	kWh
PV array 1	SA tracking	SA tracking	2,867	0	-
PV array 10	SA tracking	SA tracking	16,360	14,273	-
PV array 11	SA tracking	SA tracking	27,840	14,736	-
PV array 12	SA tracking	SA tracking	3,510	0	-
PV array 13	SA tracking	SA tracking	16,902	1,945	-
PV array 14	SA tracking	SA tracking	10,232	2,089	-
PV array 15	SA tracking	SA tracking	6,826	98	-
PV array 2	SA tracking	SA tracking	3,376	0	-
PV array 3	SA tracking	SA tracking	3,351	0	-
PV array 4	SA tracking	SA tracking	9,084	3,927	-
PV array 5	SA tracking	SA tracking	13,253	3,449	-
PV array 6	SA tracking	SA tracking	9,486	2,548	-
PV array 7	SA tracking	SA tracking	2,440	797	-
PV array 8	SA tracking	SA tracking	3,282	0	-
PV array 9	SA tracking	SA tracking	3,168	0	-

Component Data

PV Array(s)

Total PV footprint area: 5,150,182 m^2

Name: PV array 1
Footprint area: 534,233 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.173327	-0.683693	15.22	3.50	18.72
2	53.171796	-0.684143	15.03	3.50	18.53
3	53.171552	-0.683478	15.19	3.50	18.69
4	53.171127	-0.682985	15.98	3.50	19.48
5	53.169712	-0.681805	15.00	3.50	18.50
6	53.168092	-0.681418	16.50	3.50	20.00
7	53.167989	-0.682362	16.00	3.50	19.50
8	53.167616	-0.682427	15.86	3.50	19.36
9	53.166844	-0.682749	16.00	3.50	19.50
10	53.166574	-0.682985	16.00	3.50	19.50
11	53.166123	-0.682920	16.00	3.50	19.50
12	53.166394	-0.680345	17.00	3.50	20.50
13	53.166741	-0.680410	16.40	3.50	19.90
14	53.166831	-0.679530	17.48	3.50	20.98
15	53.167320	-0.679659	17.17	3.50	20.67
16	53.167564	-0.677277	20.64	3.50	24.14
17	53.166522	-0.676741	20.78	3.50	24.28
18	53.164593	-0.675024	20.02	3.50	23.52
19	53.163010	-0.673672	18.14	3.50	21.64
20	53.162869	-0.672857	19.04	3.50	22.54
21	53.163088	-0.672084	19.80	3.50	23.30
22	53.163679	-0.671333	23.18	3.50	26.68
23	53.165403	-0.672857	27.63	3.50	31.13
24	53.165648	-0.671870	30.61	3.50	34.11
25	53.166458	-0.671269	32.00	3.50	35.50
26	53.166857	-0.671569	31.99	3.50	35.49
27	53.167847	-0.667406	24.66	3.50	28.16
28	53.169468	-0.666720	25.10	3.50	28.60
29	53.169031	-0.668608	27.89	3.50	31.39
30	53.169198	-0.670067	30.98	3.50	34.48
31	53.169982	-0.673629	26.94	3.50	30.44
32	53.170246	-0.673758	26.58	3.50	30.08
33	53.171294	-0.673125	28.40	3.50	31.90
34	53.171745	-0.672299	30.82	3.50	34.32
35	53.172105	-0.674048	26.50	3.50	30.00
36	53.171674	-0.675957	22.65	3.50	26.15
37	53.171507	-0.677599	22.08	3.50	25.58
38	53.171629	-0.678414	22.99	3.50	26.49
39	53.171918	-0.678833	24.21	3.50	27.71
40	53.171809	-0.679283	22.62	3.50	26.12
41	53.171449	-0.679391	20.48	3.50	23.98
42	53.170838	-0.677985	18.51	3.50	22.01
43	53.170593	-0.678028	17.96	3.50	21.46
44	53.170606	-0.678200	17.83	3.50	21.33
45	53.171372	-0.679906	19.18	3.50	22.68
46	53.171249	-0.681719	17.42	3.50	20.92
47	53.171378	-0.681955	17.27	3.50	20.77
48	53.171333	-0.682395	16.56	3.50	20.06
49	53.171597	-0.682502	16.79	3.50	20.29
50	53.173384	-0.681622	18.75	3.50	22.25

Name: PV array 10
Footprint area: 185,320 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.150798	-0.633966	8.64	3.50	12.14
2	53.150219	-0.635436	8.34	3.50	11.84
3	53.150026	-0.636744	8.28	3.50	11.78
4	53.148983	-0.636744	9.89	3.50	13.39
5	53.148803	-0.636862	10.13	3.50	13.63
6	53.148829	-0.637045	9.76	3.50	13.26
7	53.147420	-0.637957	10.19	3.50	13.69
8	53.146461	-0.637796	10.65	3.50	14.15
9	53.146126	-0.637302	11.44	3.50	14.94
10	53.145875	-0.635146	9.74	3.50	13.24
11	53.145566	-0.635264	9.14	3.50	12.64
12	53.145451	-0.635843	9.42	3.50	12.92
13	53.145142	-0.635951	9.94	3.50	13.44
14	53.144987	-0.634910	11.54	3.50	15.04
15	53.144637	-0.634278	12.00	3.50	15.50
16	53.143968	-0.633344	12.41	3.50	15.91
17	53.144200	-0.633280	11.84	3.50	15.34
18	53.144953	-0.632754	9.97	3.50	13.47
19	53.145828	-0.631949	10.31	3.50	13.81
20	53.146497	-0.631509	11.15	3.50	14.65
21	53.147668	-0.633848	12.51	3.50	16.01
22	53.148395	-0.633344	12.81	3.50	16.31
23	53.148254	-0.632947	13.08	3.50	16.58
24	53.148910	-0.632035	13.05	3.50	16.55
25	53.149148	-0.632604	13.03	3.50	16.53
26	53.149631	-0.631853	12.49	3.50	15.99

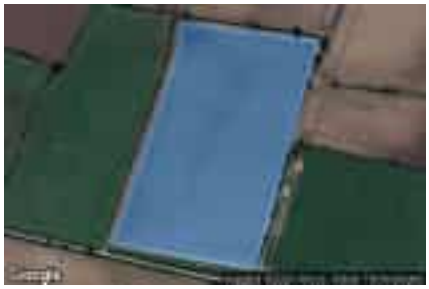
Name: PV array 11
Footprint area: 717,731 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.148506	-0.631749	13.14	3.50	16.64
2	53.147850	-0.632704	12.97	3.50	16.47
3	53.147683	-0.632715	12.37	3.50	15.87
4	53.146640	-0.630945	11.20	3.50	14.70
5	53.146396	-0.630848	12.22	3.50	15.72
6	53.145637	-0.631266	12.28	3.50	15.78
7	53.144343	-0.632565	11.04	3.50	14.54
8	53.142046	-0.627951	13.11	3.50	16.61
9	53.141524	-0.626084	12.34	3.50	15.84
10	53.138596	-0.627329	13.83	3.50	17.33
11	53.138454	-0.627232	13.48	3.50	16.98
12	53.137051	-0.628370	12.96	3.50	16.46
13	53.137154	-0.629056	13.21	3.50	16.71
14	53.135919	-0.628649	14.19	3.50	17.69
15	53.135771	-0.627640	12.78	3.50	16.28
16	53.134593	-0.628456	13.03	3.50	16.53
17	53.134464	-0.624700	12.77	3.50	16.27
18	53.134618	-0.624700	12.76	3.50	16.26
19	53.134631	-0.624990	12.76	3.50	16.26
20	53.135655	-0.624947	12.58	3.50	16.08
21	53.135758	-0.626331	11.86	3.50	15.36
22	53.136112	-0.626567	11.92	3.50	15.42
23	53.136549	-0.625162	10.74	3.50	14.24
24	53.136717	-0.625055	10.13	3.50	13.63
25	53.136652	-0.624636	10.38	3.50	13.88
26	53.137450	-0.624089	10.03	3.50	13.53
27	53.135830	-0.616790	7.11	3.50	10.61
28	53.136200	-0.615960	6.99	3.50	10.49
29	53.137240	-0.614930	7.15	3.50	10.65
30	53.137620	-0.615710	7.24	3.50	10.74
31	53.137860	-0.615550	7.38	3.50	10.88
32	53.137990	-0.614790	7.14	3.50	10.64
33	53.139105	-0.617426	7.93	3.50	11.43
34	53.139800	-0.619754	11.05	3.50	14.55
35	53.141717	-0.618682	9.38	3.50	12.88
36	53.142129	-0.620227	11.21	3.50	14.71
37	53.142007	-0.620323	10.80	3.50	14.30
38	53.142541	-0.622211	11.19	3.50	14.69
39	53.144034	-0.620784	11.76	3.50	15.26
40	53.144607	-0.623563	11.92	3.50	15.42
41	53.145591	-0.624582	12.63	3.50	16.13
42	53.145044	-0.625248	12.90	3.50	16.40
43	53.145077	-0.625666	12.28	3.50	15.78
44	53.146634	-0.628348	11.72	3.50	15.22
45	53.146808	-0.628220	12.16	3.50	15.66
46	53.148268	-0.630762	12.11	3.50	15.61
47	53.148101	-0.631030	11.92	3.50	15.42

Name: PV array 12
Footprint area: 73,115 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad



Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.136228	-0.613414	8.07	3.50	11.57
2	53.135854	-0.613478	8.46	3.50	11.96
3	53.133222	-0.614980	9.82	3.50	13.32
4	53.132887	-0.611772	10.64	3.50	14.14
5	53.135977	-0.610335	9.13	3.50	12.63

Name: PV array 13
Footprint area: 737,153 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.135585	-0.658160	11.48	3.50	14.98
2	53.136461	-0.665906	14.75	3.50	18.25
3	53.130642	-0.667945	14.56	3.50	18.06
4	53.130333	-0.666357	13.81	3.50	17.31
5	53.128440	-0.666872	14.86	3.50	18.36
6	53.128582	-0.668717	14.77	3.50	18.27
7	53.128273	-0.668782	14.57	3.50	18.07
8	53.128131	-0.667301	14.49	3.50	17.99
9	53.125730	-0.667666	13.07	3.50	16.57
10	53.125710	-0.667945	12.94	3.50	16.44
11	53.124455	-0.667505	13.19	3.50	16.69
12	53.124558	-0.666711	12.70	3.50	16.20
13	53.123380	-0.665788	11.31	3.50	14.81
14	53.123457	-0.665370	11.00	3.50	14.50
15	53.123122	-0.665220	12.04	3.50	15.54
16	53.123476	-0.663514	13.15	3.50	16.65
17	53.124365	-0.661776	13.29	3.50	16.79
18	53.124571	-0.660832	13.96	3.50	17.46
19	53.125067	-0.660220	13.10	3.50	16.60
20	53.126410	-0.656650	11.66	3.50	15.16
21	53.126650	-0.656260	11.38	3.50	14.88
22	53.126960	-0.656270	11.65	3.50	15.15
23	53.127180	-0.656070	12.25	3.50	15.75
24	53.127600	-0.659050	12.08	3.50	15.58
25	53.128790	-0.658920	13.52	3.50	17.02
26	53.129280	-0.661440	14.94	3.50	18.44
27	53.131090	-0.659840	14.90	3.50	18.40
28	53.131520	-0.659500	14.40	3.50	17.90
29	53.132320	-0.658860	12.70	3.50	16.20
30	53.133270	-0.657930	12.71	3.50	16.21
31	53.133345	-0.658664	11.01	3.50	14.51

Name: PV array 14
Footprint area: 209,722 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132660	-0.653180	10.42	3.50	13.92
2	53.132070	-0.653360	10.23	3.50	13.73
3	53.131511	-0.653075	11.28	3.50	14.78
4	53.130770	-0.652409	10.38	3.50	13.88
5	53.130352	-0.650049	9.94	3.50	13.44
6	53.130095	-0.649556	9.85	3.50	13.35
7	53.130275	-0.649255	10.71	3.50	14.21
8	53.132390	-0.648020	11.38	3.50	14.88
9	53.133030	-0.650850	12.02	3.50	15.52
9	53.133030	-0.650850	12.02	3.50	15.52
10	53.136270	-0.648960	10.09	3.50	13.59
10	53.136270	-0.648960	10.09	3.50	13.59
11	53.136080	-0.645870	9.77	3.50	13.27
11	53.136080	-0.645870	9.77	3.50	13.27
12	53.137430	-0.645210	9.73	3.50	13.23
12	53.137430	-0.645210	9.73	3.50	13.23
13	53.137750	-0.648600	9.23	3.50	12.73
13	53.137750	-0.648600	9.23	3.50	12.73
14	53.137580	-0.648830	9.22	3.50	12.72
14	53.137580	-0.648830	9.22	3.50	12.72
15	53.138060	-0.652120	9.08	3.50	12.58
15	53.138060	-0.652120	9.08	3.50	12.58
16	53.137820	-0.652230	9.58	3.50	13.08
16	53.137820	-0.652230	9.58	3.50	13.08
17	53.137750	-0.652040	9.56	3.50	13.06
17	53.137750	-0.652040	9.56	3.50	13.06
18	53.135890	-0.651840	9.88	3.50	13.38
18	53.135890	-0.651840	9.88	3.50	13.38

Name: PV array 15
Footprint area: 78,226 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.132772	-0.647378	9.94	3.50	13.44
2	53.130056	-0.648847	10.80	3.50	14.30
3	53.129882	-0.649255	9.89	3.50	13.39
4	53.129303	-0.648847	10.80	3.50	14.30
5	53.128942	-0.648858	10.87	3.50	14.37
6	53.128884	-0.648418	11.51	3.50	15.01
7	53.128311	-0.648386	11.43	3.50	14.93
8	53.128105	-0.646884	11.40	3.50	14.90
9	53.130622	-0.645758	10.83	3.50	14.33
10	53.130700	-0.646122	11.65	3.50	15.15
11	53.131298	-0.645768	10.18	3.50	13.68
12	53.132410	-0.645330	9.00	3.50	12.50

Name: PV array 2
Footprint area: 575,674 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.178640	-0.666110	19.41	3.50	22.91
2	53.177870	-0.669090	19.28	3.50	22.78
3	53.176523	-0.668029	19.69	3.50	23.19
4	53.174220	-0.666891	26.06	3.50	29.56
5	53.174465	-0.660669	17.80	3.50	21.30
6	53.172497	-0.660755	16.16	3.50	19.66
7	53.172510	-0.661355	17.14	3.50	20.64
8	53.172960	-0.661484	17.29	3.50	20.79
9	53.173230	-0.666677	24.28	3.50	27.78
10	53.172175	-0.666226	20.97	3.50	24.47
11	53.171823	-0.664919	19.69	3.50	23.19
12	53.171714	-0.664865	19.72	3.50	23.22
13	53.170968	-0.662526	18.08	3.50	21.58
14	53.170357	-0.661797	17.29	3.50	20.79
15	53.174293	-0.653523	13.69	3.50	17.19
16	53.178283	-0.655459	15.69	3.50	19.19
17	53.179363	-0.655588	13.41	3.50	16.91
18	53.178051	-0.662519	19.70	3.50	23.20
19	53.177884	-0.665737	19.63	3.50	23.13

Name: PV array 3
Footprint area: 679,840 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.162240	-0.675330	17.88	3.50	21.38
2	53.159340	-0.671810	16.96	3.50	20.46
3	53.159790	-0.670480	16.50	3.50	20.00
4	53.160860	-0.668250	17.83	3.50	21.33
5	53.160420	-0.666810	17.26	3.50	20.76
6	53.159450	-0.669110	15.52	3.50	19.02
7	53.159860	-0.669750	15.96	3.50	19.46
8	53.159140	-0.671710	16.90	3.50	20.40
9	53.158240	-0.670650	16.68	3.50	20.18
10	53.158390	-0.670070	16.02	3.50	19.52
11	53.157840	-0.668790	15.77	3.50	19.27
12	53.159770	-0.664130	19.42	3.50	22.92
13	53.159920	-0.664410	18.34	3.50	21.84
14	53.160980	-0.661830	24.57	3.50	28.07
15	53.161160	-0.662010	24.26	3.50	27.76
16	53.161290	-0.661640	25.79	3.50	29.29
17	53.161160	-0.661450	26.00	3.50	29.50
18	53.162190	-0.659350	26.37	3.50	29.87
19	53.162080	-0.658850	26.32	3.50	29.82
20	53.162650	-0.657690	27.46	3.50	30.96
21	53.165690	-0.658340	22.77	3.50	26.27
22	53.165920	-0.658980	21.27	3.50	24.77
23	53.166210	-0.659430	20.99	3.50	24.49
24	53.165960	-0.661020	21.23	3.50	24.73
25	53.167980	-0.662370	18.26	3.50	21.76
26	53.167650	-0.663320	18.23	3.50	21.73
27	53.167500	-0.667240	23.91	3.50	27.41
28	53.164620	-0.668620	26.56	3.50	30.06
29	53.164820	-0.669520	27.49	3.50	30.99
30	53.163160	-0.671190	20.73	3.50	24.23
31	53.162730	-0.672050	18.84	3.50	22.34
32	53.162570	-0.673160	18.39	3.50	21.89
33	53.162750	-0.673700	17.85	3.50	21.35
34	53.162650	-0.674340	17.02	3.50	20.52

Name: PV array 4
Footprint area: 539,048 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.172585	-0.642585	14.81	3.50	18.31
2	53.173512	-0.648335	13.73	3.50	17.23
3	53.168740	-0.657433	17.19	3.50	20.69
4	53.168530	-0.657412	16.94	3.50	20.44
5	53.168310	-0.657830	18.09	3.50	21.59
6	53.168300	-0.658730	18.04	3.50	21.54
7	53.168070	-0.658890	17.95	3.50	21.45
8	53.165850	-0.657640	21.97	3.50	25.47
8	53.165850	-0.657640	21.97	3.50	25.47
9	53.165650	-0.657980	23.24	3.50	26.74
9	53.165650	-0.657980	23.24	3.50	26.74
10	53.162740	-0.657270	27.18	3.50	30.68
10	53.162740	-0.657270	27.18	3.50	30.68
11	53.164580	-0.653290	23.23	3.50	26.73
11	53.164580	-0.653290	23.23	3.50	26.73
12	53.166200	-0.654060	18.29	3.50	21.79
12	53.166200	-0.654060	18.29	3.50	21.79
13	53.166850	-0.655520	18.20	3.50	21.70
13	53.166850	-0.655520	18.20	3.50	21.70
14	53.167520	-0.655510	17.58	3.50	21.08
15	53.167980	-0.655110	18.44	3.50	21.94
16	53.169113	-0.651554	16.06	3.50	19.56
17	53.169113	-0.651060	15.41	3.50	18.91
18	53.168032	-0.650867	15.63	3.50	19.13
19	53.167955	-0.651597	16.07	3.50	19.57
20	53.167337	-0.651232	15.83	3.50	19.33
21	53.166077	-0.651103	19.26	3.50	22.76
22	53.166115	-0.650481	18.68	3.50	22.18
23	53.165961	-0.650181	19.78	3.50	23.28
24	53.168251	-0.644537	17.16	3.50	20.66
25	53.168920	-0.644687	16.30	3.50	19.80
26	53.170129	-0.644408	16.57	3.50	20.07
27	53.171132	-0.643754	15.25	3.50	18.75
28	53.171151	-0.643400	15.23	3.50	18.73
29	53.172000	-0.642681	14.97	3.50	18.47

Name: PV array 5
Footprint area: 85,119 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.175987	-0.638261	17.17	3.50	20.67
2	53.175962	-0.637317	17.32	3.50	20.82
3	53.175704	-0.636180	15.99	3.50	19.49
4	53.172039	-0.635257	10.34	3.50	13.84
5	53.170855	-0.638197	11.33	3.50	14.83
6	53.174251	-0.638304	12.30	3.50	15.80

Name: PV array 6
Footprint area: 178,317 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.167678	-0.644140	17.52	3.50	21.02
2	53.165556	-0.649011	19.39	3.50	22.89
3	53.164810	-0.644784	20.41	3.50	23.91
4	53.165350	-0.641716	16.27	3.50	19.77
5	53.163562	-0.640986	20.48	3.50	23.98
6	53.161902	-0.640643	22.38	3.50	25.88
7	53.159226	-0.640385	15.78	3.50	19.28
8	53.159329	-0.638197	13.14	3.50	16.64
9	53.162726	-0.638883	20.72	3.50	24.22
10	53.164115	-0.639205	17.21	3.50	20.71
11	53.165183	-0.639763	14.44	3.50	17.94
12	53.165800	-0.640707	14.81	3.50	18.31
13	53.166366	-0.642209	16.10	3.50	19.60
14	53.166971	-0.643282	16.63	3.50	20.13

Name: PV array 7
Footprint area: 491,698 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.164655	-0.651071	23.57	3.50	27.07
2	53.164218	-0.652101	24.34	3.50	27.84
3	53.163588	-0.652015	24.43	3.50	27.93
4	53.163575	-0.652466	24.10	3.50	27.60
5	53.163883	-0.652809	24.86	3.50	28.36
6	53.162790	-0.655406	26.04	3.50	29.54
7	53.162404	-0.655148	26.50	3.50	30.00
8	53.162082	-0.655835	27.39	3.50	30.89
9	53.162263	-0.656543	27.11	3.50	30.61
10	53.161516	-0.658324	26.25	3.50	29.75
11	53.158776	-0.654054	22.55	3.50	26.05
12	53.156879	-0.652104	18.45	3.50	21.95
13	53.156840	-0.650806	17.85	3.50	21.35
14	53.156634	-0.650474	16.75	3.50	20.25
15	53.155412	-0.650935	12.99	3.50	16.49
16	53.155245	-0.650441	12.47	3.50	15.97
17	53.154428	-0.650484	11.62	3.50	15.12
18	53.152317	-0.650581	10.82	3.50	14.32
19	53.151545	-0.650656	11.68	3.50	15.18
20	53.151481	-0.651761	11.49	3.50	14.99
21	53.151159	-0.651729	12.56	3.50	16.06
22	53.151178	-0.650924	12.32	3.50	15.82
23	53.150863	-0.650624	12.97	3.50	16.47
24	53.149042	-0.650581	13.39	3.50	16.89
25	53.149113	-0.652083	14.82	3.50	18.32
26	53.147459	-0.652115	10.92	3.50	14.42
27	53.147762	-0.654604	14.65	3.50	18.15
28	53.146730	-0.654770	11.29	3.50	14.79
29	53.146710	-0.654450	10.79	3.50	14.29
30	53.146660	-0.653930	9.99	3.50	13.49
31	53.146560	-0.653210	9.32	3.50	12.82
32	53.146500	-0.652650	9.65	3.50	13.15
33	53.146620	-0.652540	9.69	3.50	13.19
34	53.146670	-0.652330	9.64	3.50	13.14
35	53.146500	-0.650990	8.94	3.50	12.44
36	53.146830	-0.651060	9.07	3.50	12.57
37	53.147220	-0.650840	9.43	3.50	12.93
38	53.147530	-0.650419	9.95	3.50	13.45
39	53.148058	-0.647824	10.34	3.50	13.84
40	53.149293	-0.647502	11.75	3.50	15.25
41	53.149364	-0.647008	11.40	3.50	14.90
42	53.149004	-0.645163	9.84	3.50	13.34
43	53.149068	-0.644702	10.07	3.50	13.57
44	53.149589	-0.644659	10.09	3.50	13.59
45	53.150246	-0.645152	10.47	3.50	13.97
46	53.150709	-0.646118	10.77	3.50	14.27
47	53.150861	-0.646854	11.55	3.50	15.05
48	53.152186	-0.646683	10.55	3.50	14.05
49	53.152302	-0.648378	10.85	3.50	14.35
50	53.152559	-0.648356	11.03	3.50	14.53
51	53.152650	-0.647820	11.33	3.50	14.83
52	53.152843	-0.647562	10.51	3.50	14.01
53	53.152984	-0.648185	10.54	3.50	14.04
54	53.153396	-0.648850	10.72	3.50	14.22
55	53.153821	-0.649000	11.70	3.50	15.20
56	53.153821	-0.647176	11.57	3.50	15.07
57	53.157030	-0.647114	18.62	3.50	22.12
58	53.157911	-0.650923	21.21	3.50	24.71
59	53.159526	-0.650773	24.30	3.50	27.80
60	53.159841	-0.651545	25.93	3.50	29.43
61	53.160478	-0.652318	28.32	3.50	31.82
62	53.160542	-0.654142	27.00	3.50	30.50
63	53.161668	-0.654152	28.25	3.50	31.75
64	53.162003	-0.653691	27.32	3.50	30.82

65	53.161359	-0.652489	27.84	3.50	31.34
66	53.161314	-0.650848	28.23	3.50	31.73

Name: PV array 8
Footprint area: 15,661 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.149067	-0.644094	9.24	3.50	12.74
2	53.149505	-0.644029	9.82	3.50	13.32
3	53.149878	-0.644094	9.57	3.50	13.07
4	53.150888	-0.643353	9.27	3.50	12.77
5	53.150521	-0.642002	8.25	3.50	11.75
6	53.149871	-0.642806	8.50	3.50	12.00
7	53.149472	-0.642796	8.80	3.50	12.30
8	53.149215	-0.643192	8.74	3.50	12.24
9	53.149022	-0.644072	9.17	3.50	12.67

Name: PV array 9
Footprint area: 49,327 m^2
Axis tracking: Single-axis rotation
Backtracking: Shade
Tracking axis orientation: 180.0 deg
Maximum tracking angle: 60.0 deg
Resting angle: 0.0 deg
Ground Coverage Ratio: 0.5

Rated power: -
Panel material: Light textured glass with AR coating
Vary reflectivity with sun position? Yes
Correlate slope error with surface type? Yes
Slope error: 9.16 mrad

Vertex	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
1	53.144980	-0.656700	12.95	3.50	16.45
2	53.143230	-0.656440	10.07	3.50	13.57
3	53.143170	-0.652900	8.94	3.50	12.44
4	53.143890	-0.652530	9.13	3.50	12.63
5	53.144200	-0.652530	9.20	3.50	12.70
6	53.144680	-0.653130	9.45	3.50	12.95
7	53.144910	-0.653050	9.39	3.50	12.89

2-Mile Flight Path Receptor(s)

Name: Blackmoor Farm RWY 06
Description:
Threshold height : 15 m
Direction: 57.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.157891	-0.586288	5.71	15.24	20.95
2-mile point	53.142144	-0.626775	11.81	177.83	189.63

Name: Blackmoor Farm RWY 24
Description:
Threshold height : 15 m
Direction: 237.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.159609	-0.581964	5.72	15.24	20.96
2-mile point	53.175356	-0.541475	75.17	114.48	189.65

Name: Peacocks Farm RWY 06
Description:
Threshold height : 15 m
Direction: 61.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.149038	-0.627060	11.67	15.24	26.91
2-mile point	53.135021	-0.669274	16.19	179.41	195.60

Name: Peacocks Farm RWY 24
Description:
Threshold height : 15 m
Direction: 241.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.151006	-0.621028	9.12	15.24	24.36
2-mile point	53.165023	-0.578812	5.02	188.03	193.05

Name: RAF Waddington RWY 02
Description:
Threshold height : 15 m
Direction: 21.5 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.154359	-0.531665	69.35	15.24	84.59
2-mile point	53.127459	-0.549356	30.20	223.07	253.27

Name: RAF Waddington RWY 20
Description:
Threshold height : 15 m
Direction: 201.5 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.176943	-0.516706	66.70	15.24	81.94
2-mile point	53.203844	-0.499005	42.50	208.12	250.63

Name: South Hykeham RWY 10
Description:
Threshold height : 15 m
Direction: 104.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.172905	-0.608049	9.20	15.24	24.44
2-mile point	53.179900	-0.654907	13.65	179.48	193.13

Name: South Hykeham RWY 13
Description:
Threshold height : 15 m
Direction: 125.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.174410	-0.608746	7.86	15.24	23.10
2-mile point	53.190994	-0.648306	12.94	178.85	191.79

Name: South Hykeham RWY 28
Description:
Threshold height : 15 m
Direction: 284.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.171587	-0.600882	5.96	15.24	21.20
2-mile point	53.164592	-0.554026	24.07	165.82	189.89

Name: South Hykeham RWY 31
Description:
Threshold height : 15 m
Direction: 305.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.171413	-0.601032	5.63	15.24	20.87
2-mile point	53.154830	-0.561475	19.70	169.85	189.56

Name: South Scarle RW 28
Description:
Threshold height : 15 m
Direction: 282.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.158965	-0.722435	12.08	15.24	27.32
2-mile point	53.152954	-0.675213	16.89	179.11	196.00

Name: South Scarle RWY 10
Description:
Threshold height : 15 m
Direction: 102.0 deg
Glide slope: 3.0 deg
Pilot view restricted? Yes
Vertical view restriction: 30.0 deg
Azimuthal view restriction: 50.0 deg

Point	Latitude	Longitude	Ground elevation	Height above ground	Total elevation
	deg	deg	m	m	m
Threshold	53.159820	-0.729462	12.00	15.24	27.24
2-mile point	53.165832	-0.776685	7.31	188.62	195.92

Discrete Observation Receptors

Number	Latitude	Longitude	Ground elevation	Height above ground	Total Elevation
	deg	deg	m	m	m
1-ATCT	53.172167	-0.523800	69.28	10.00	79.28

1-ATCT map image

Summary of PV Glare Analysis

PV configuration and total predicted glare

PV Name	Tilt	Orientation	"Green" Glare	"Yellow" Glare	Energy Produced	Data File
	deg	deg	min	min	kWh	
PV array 1	SA tracking	SA tracking	2,867	0	-	-
PV array 10	SA tracking	SA tracking	16,360	14,273	-	-
PV array 11	SA tracking	SA tracking	27,840	14,736	-	-
PV array 12	SA tracking	SA tracking	3,510	0	-	-
PV array 13	SA tracking	SA tracking	16,902	1,945	-	-
PV array 14	SA tracking	SA tracking	10,232	2,089	-	-
PV array 15	SA tracking	SA tracking	6,826	98	-	-
PV array 2	SA tracking	SA tracking	3,376	0	-	-
PV array 3	SA tracking	SA tracking	3,351	0	-	-
PV array 4	SA tracking	SA tracking	9,084	3,927	-	-
PV array 5	SA tracking	SA tracking	13,253	3,449	-	-
PV array 6	SA tracking	SA tracking	9,486	2,548	-	-
PV array 7	SA tracking	SA tracking	2,440	797	-	-
PV array 8	SA tracking	SA tracking	3,282	0	-	-
PV array 9	SA tracking	SA tracking	3,168	0	-	-

Distinct glare per month

Excludes overlapping glare from PV array for multiple receptors at matching time(s)

PV	Jan	Feb	Mar	Apr	May	Jun	Jul	Aug	Sep	Oct	Nov	Dec
pv-array-1 (green)	0	0	325	611	147	0	23	569	486	13	0	0
pv-array-1 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-10 (green)	562	676	655	444	2040	2361	2358	740	484	800	633	269
pv-array-10 (yellow)	1	78	1643	2092	1907	1655	1792	2173	1922	376	5	0
pv-array-11 (green)	249	341	347	948	2913	1779	2664	1712	349	345	343	31
pv-array-11 (yellow)	72	291	1913	1822	1120	2105	1347	1640	2002	744	40	118
pv-array-12 (green)	414	201	366	0	0	0	0	0	247	295	283	460
pv-array-12 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-13 (green)	587	492	686	1842	2322	1951	2157	2191	1020	429	580	526
pv-array-13 (yellow)	0	73	856	43	0	0	0	0	620	353	0	0
pv-array-14 (green)	922	1053	684	572	0	0	0	306	817	963	927	815
pv-array-14 (yellow)	8	82	864	95	0	0	0	2	695	335	8	0
pv-array-15 (green)	799	780	322	0	0	0	0	0	129	692	853	773
pv-array-15 (yellow)	0	47	0	0	0	0	0	0	0	48	0	0
pv-array-2 (green)	0	88	225	472	39	0	0	360	372	92	0	0
pv-array-2 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-3 (green)	0	22	432	484	25	0	0	336	535	85	0	0
pv-array-3 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-4 (green)	1548	976	541	84	0	0	0	12	457	991	1266	1520
pv-array-4 (yellow)	1376	0	3	0	0	0	0	0	2	0	905	1636
pv-array-5 (green)	1785	2477	598	714	148	0	31	654	291	2373	1970	1132
pv-array-5 (yellow)	1074	110	0	0	0	0	0	0	0	16	795	1454
pv-array-6 (green)	1469	572	651	35	0	0	0	0	476	678	1202	1176
pv-array-6 (yellow)	805	0	0	0	0	0	0	0	0	0	434	1309
pv-array-7 (green)	0	2	297	239	50	0	0	245	307	38	0	0
pv-array-7 (yellow)	0	0	0	107	24	0	0	130	0	0	0	0
pv-array-8 (green)	169	292	259	0	0	52	0	0	124	360	235	1
pv-array-8 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0
pv-array-9 (green)	170	365	135	0	0	321	42	0	24	409	237	0
pv-array-9 (yellow)	0	0	0	0	0	0	0	0	0	0	0	0

PV & Receptor Analysis Results

Results for each PV array and receptor

PV array 1 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	161	0
FP: Peacocks Farm RWY 06	0	0
FP: Peacocks Farm RWY 24	722	0
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	0	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	241	0
FP: South Hykeham RWY 31	419	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	1324	0
OP: 1-ATCT	0	0

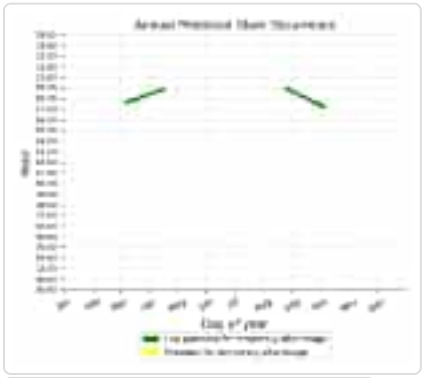
PV array 1: Blackmoor Farm RWY 06

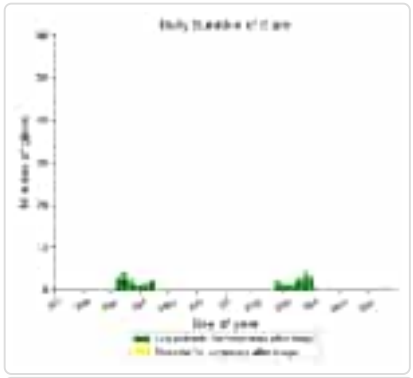
No glare found

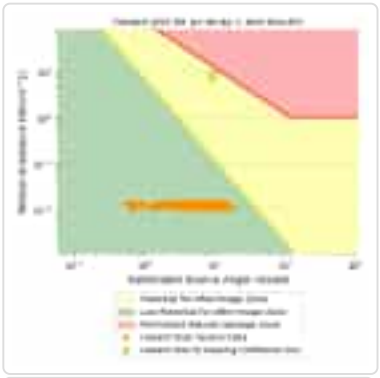
PV array 1: Blackmoor Farm RWY 24

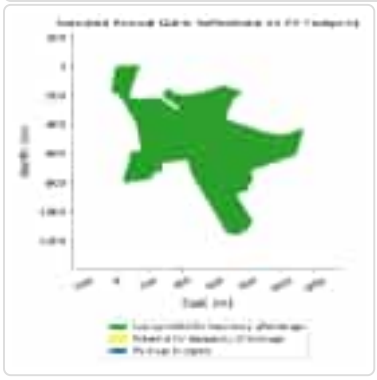
PV array is expected to produce the following glare for this receptor:

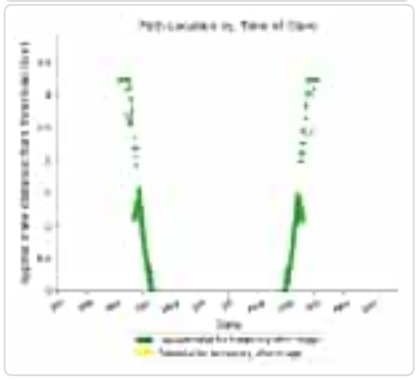
- 161 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

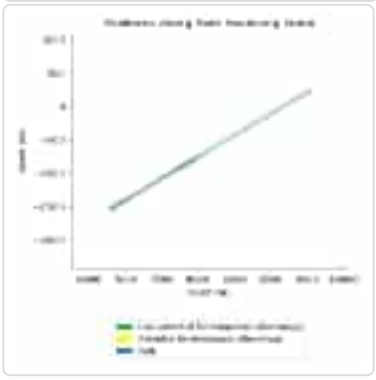












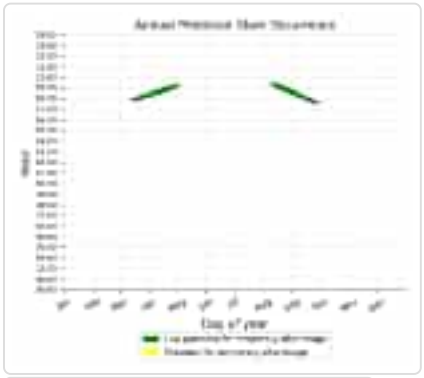
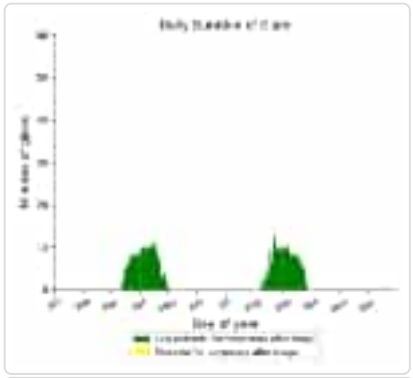
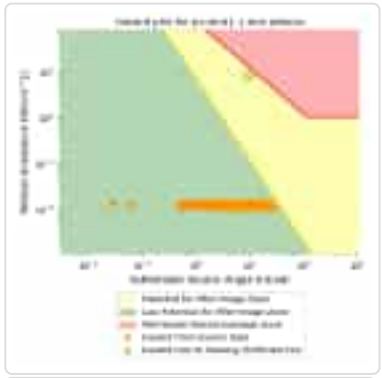
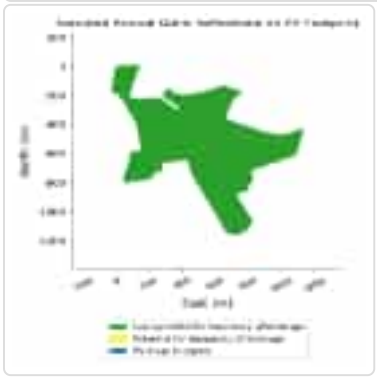
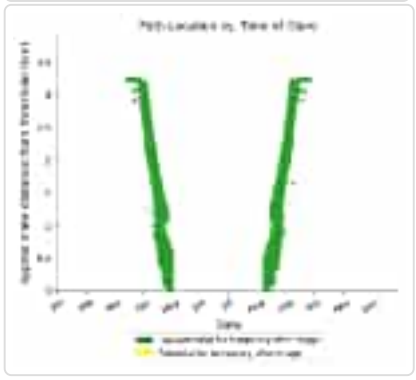
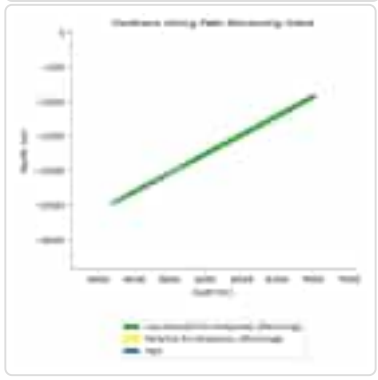
PV array 1: Peacocks Farm RWY 06

No glare found

PV array 1: Peacocks Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 722 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 1: RAF Waddington RWY 02

No glare found

PV array 1: RAF Waddington RWY 20

No glare found

PV array 1: South Hykeham RWY 10

No glare found

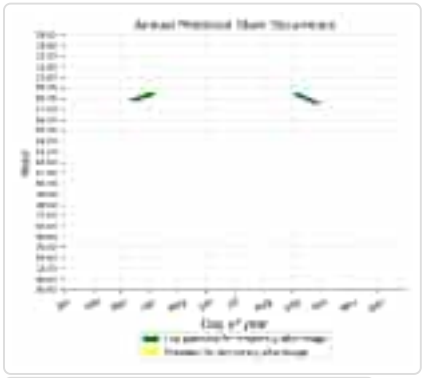
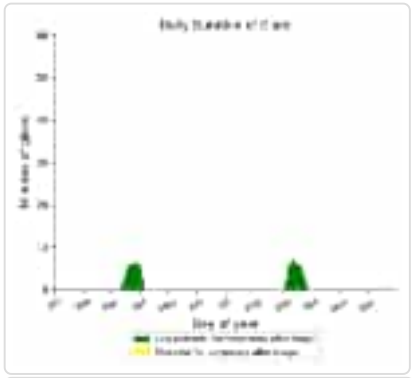
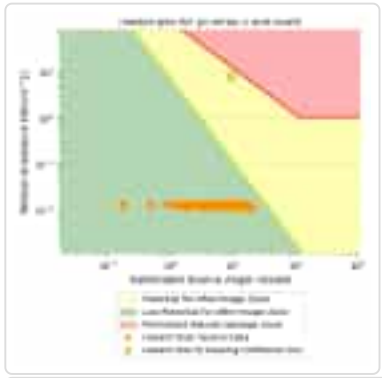
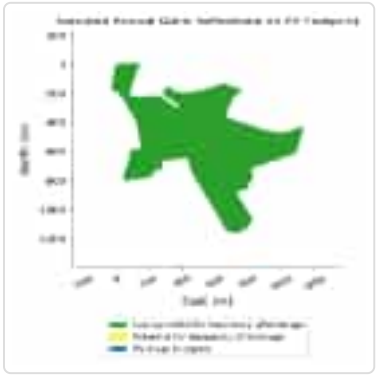
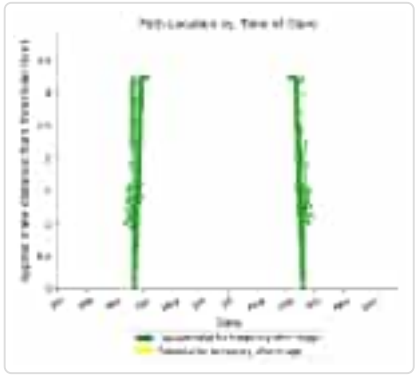
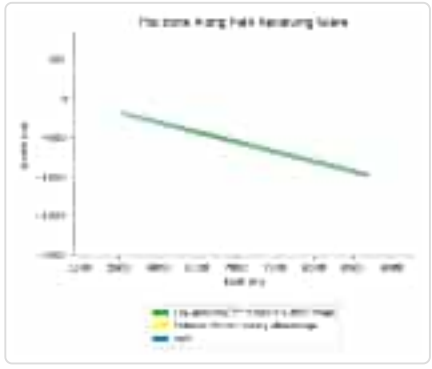
PV array 1: South Hykeham RWY 13

No glare found

PV array 1: South Hykeham RWY 28

PV array is expected to produce the following glare for this receptor:

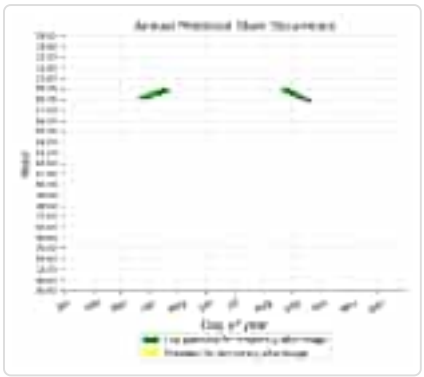
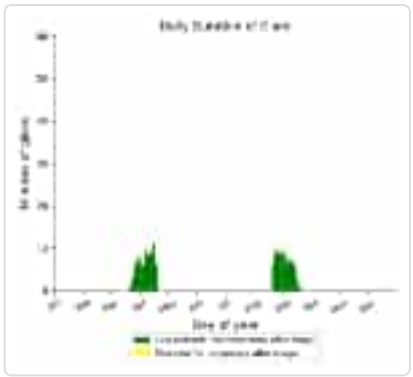
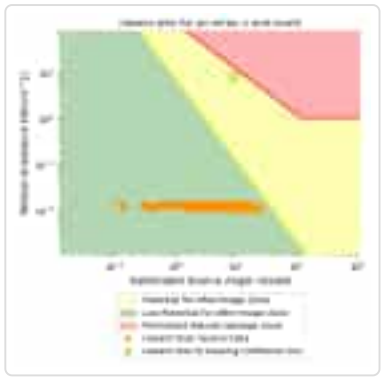
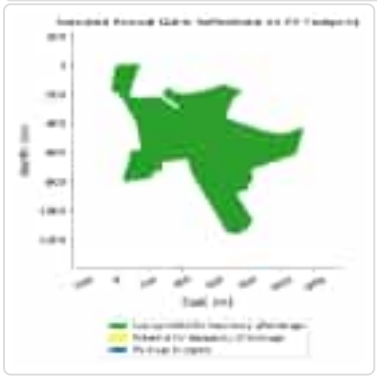
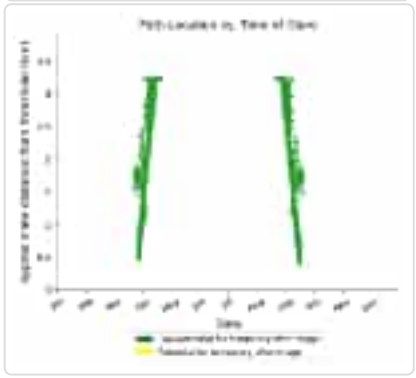
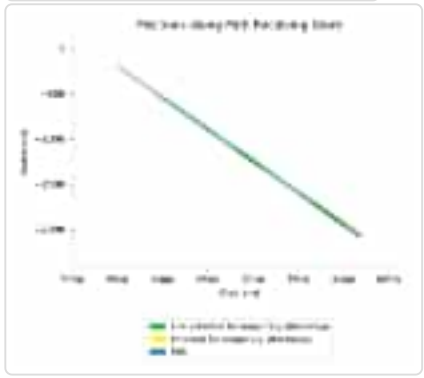
- 241 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 1: South Hykeham RWY 31

PV array is expected to produce the following glare for this receptor:

- 419 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

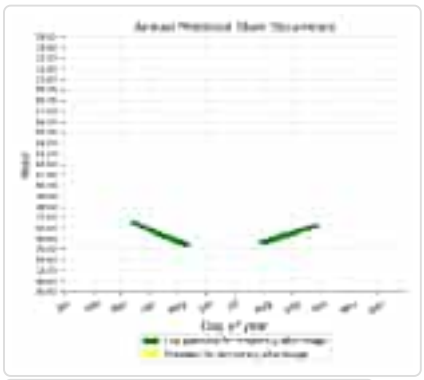
PV array 1: South Scarle RW 28

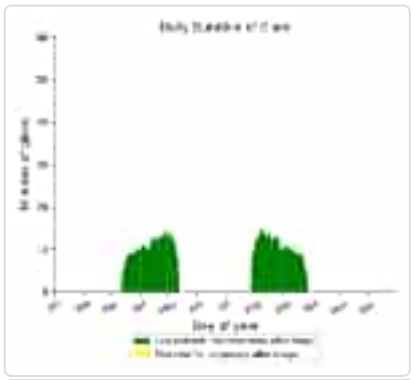
No glare found

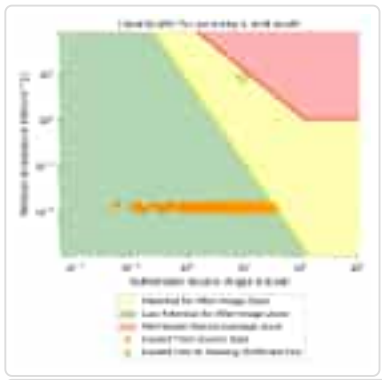
PV array 1: South Scarle RWY 10

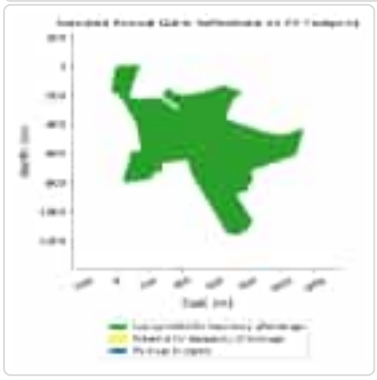
PV array is expected to produce the following glare for this receptor:

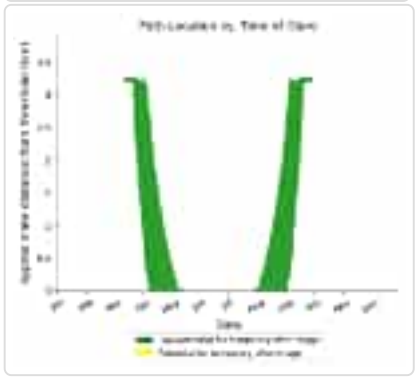
- 1,324 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

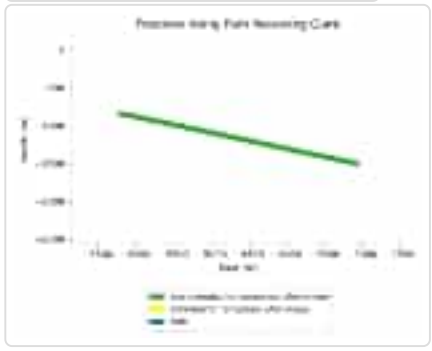












PV array 1: 1-ATCT

No glare found

PV array 10 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	996	0
FP: Peacocks Farm RWY 06	8606	13612
FP: Peacocks Farm RWY 24	2430	661
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	1264	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	1691	0
FP: South Hykeham RWY 31	665	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	413	0
OP: 1-ATCT	295	0

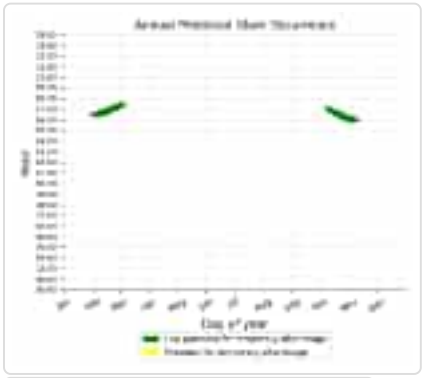
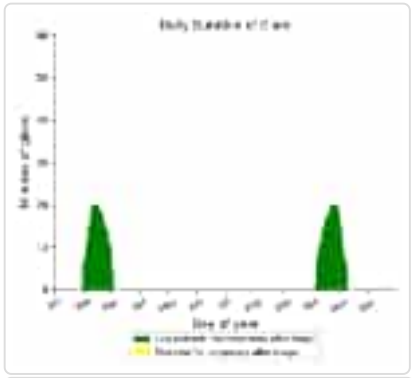
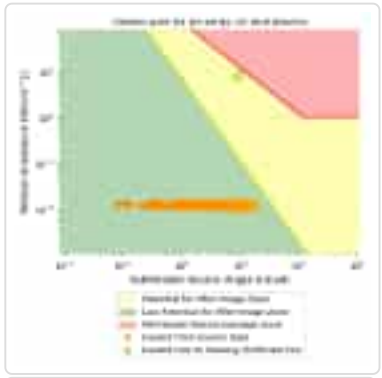
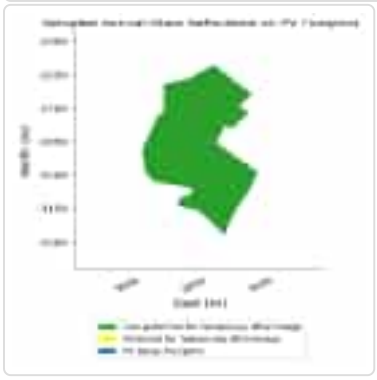
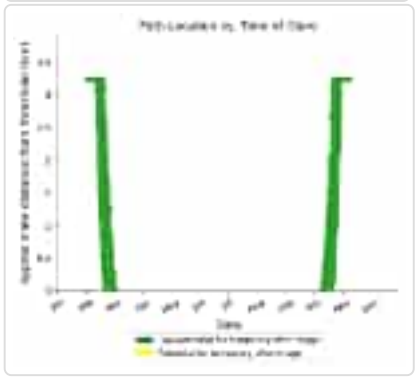
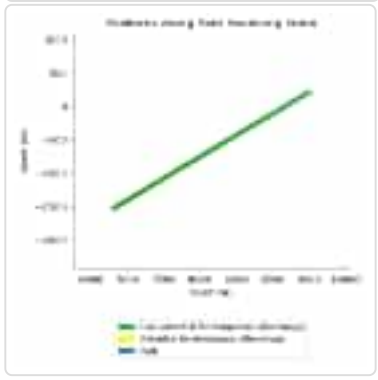
PV array 10: Blackmoor Farm RWY 06

No glare found

PV array 10: Blackmoor Farm RWY 24

PV array is expected to produce the following glare for this receptor:

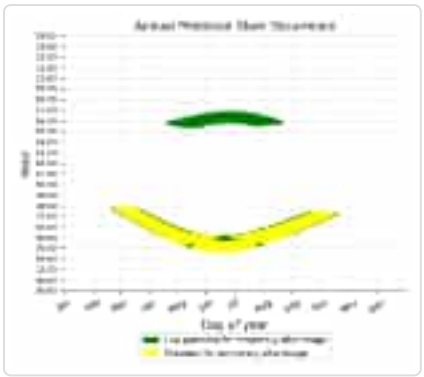
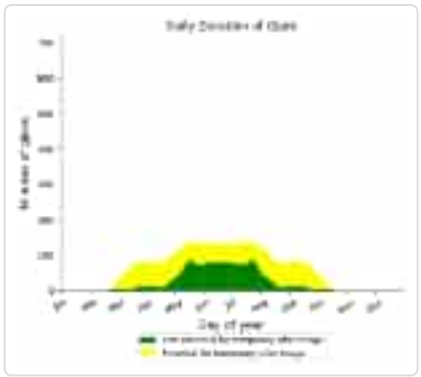
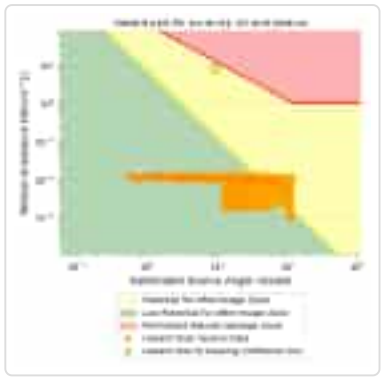
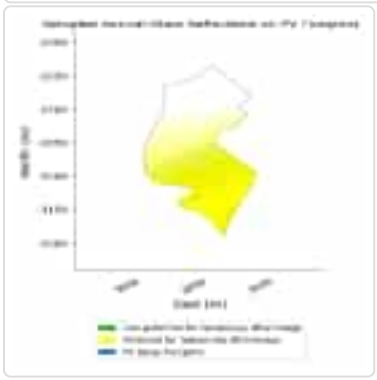
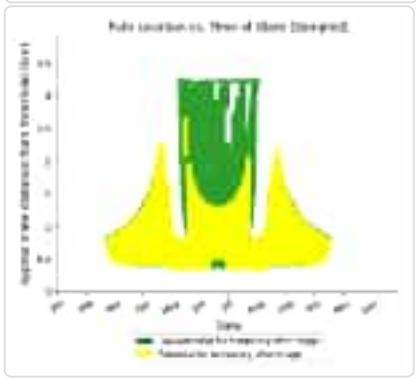
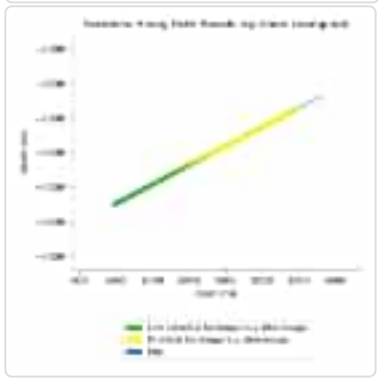
- 996 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 10: Peacocks Farm RWY 06

PV array is expected to produce the following glare for this receptor:

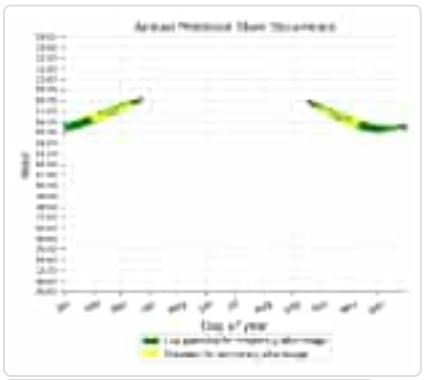
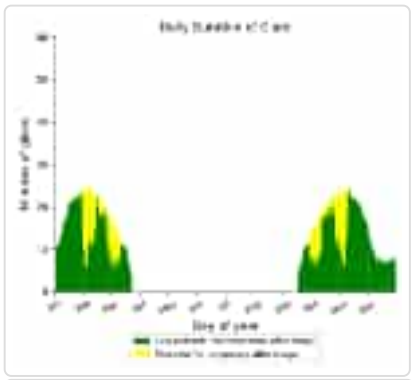
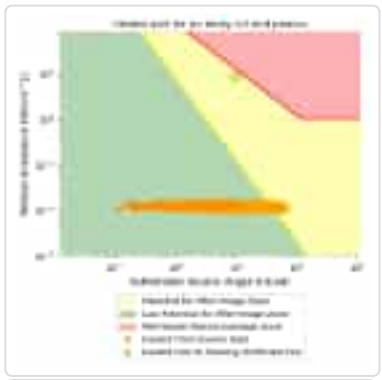
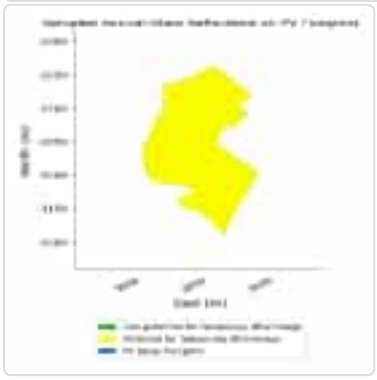
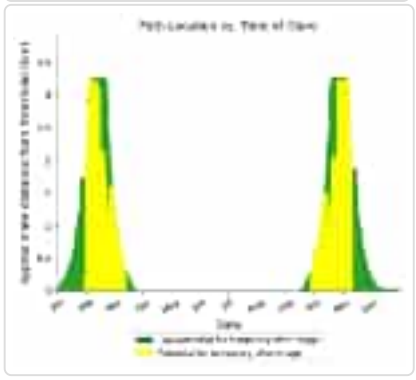
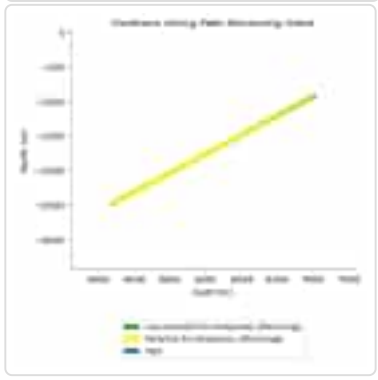
- 8,606 minutes of "green" glare with low potential to cause temporary after-image.
- 13,612 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 10: Peacocks Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 2,430 minutes of "green" glare with low potential to cause temporary after-image.
- 661 minutes of "yellow" glare with potential to cause temporary after-image.

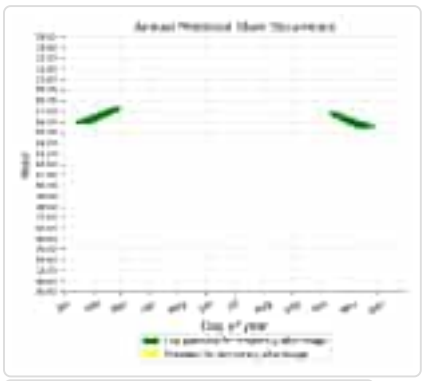
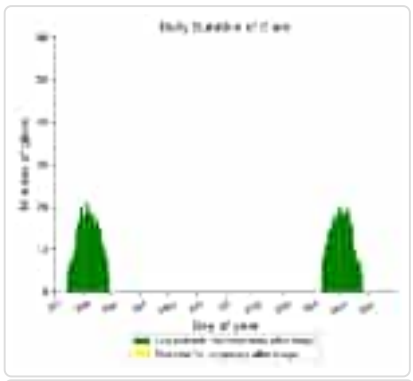
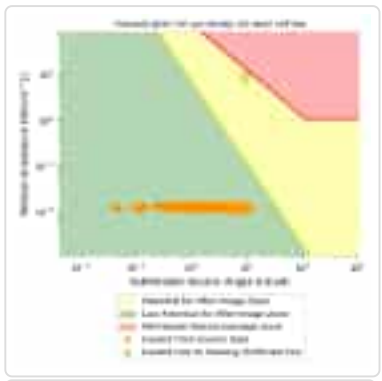
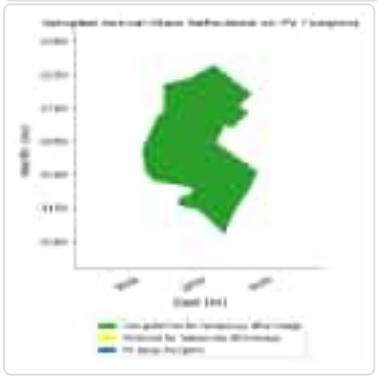
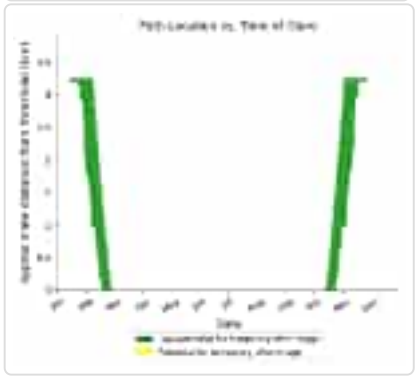
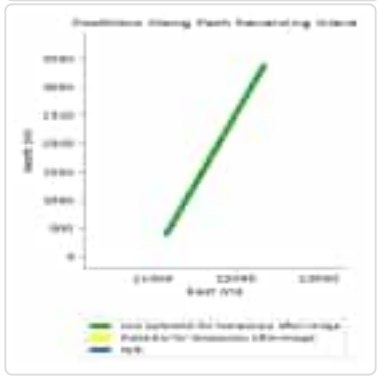
PV array 10: RAF Waddington RWY 02

No glare found

PV array 10: RAF Waddington RWY 20

PV array is expected to produce the following glare for this receptor:

- 1,264 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 10: South Hykeham RWY 10

No glare found

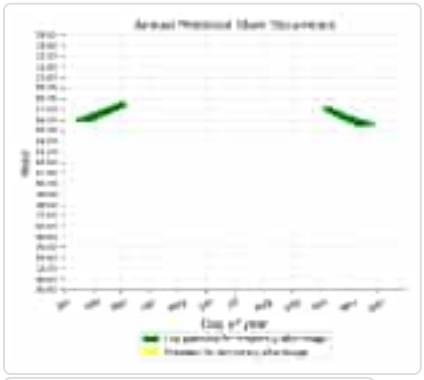
PV array 10: South Hykeham RWY 13

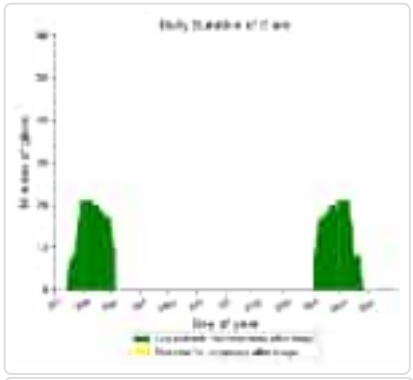
No glare found

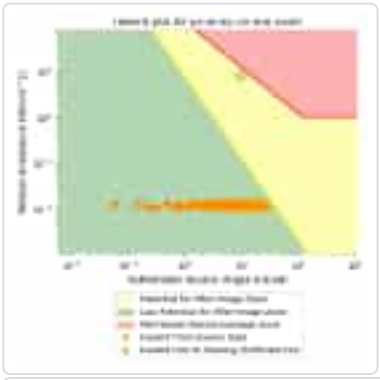
PV array 10: South Hykeham RWY 28

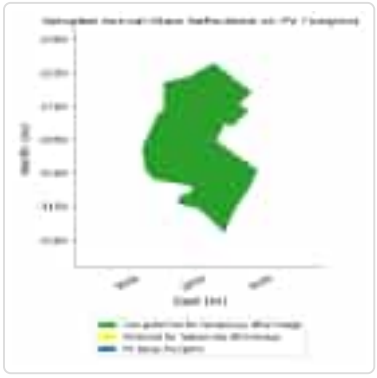
PV array is expected to produce the following glare for this receptor:

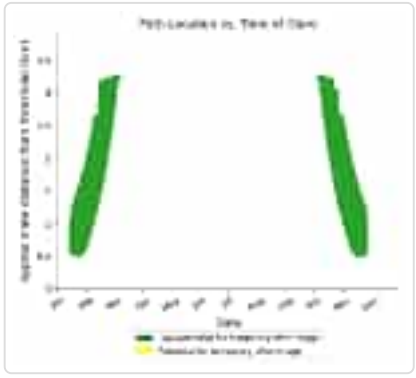
- 1,691 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

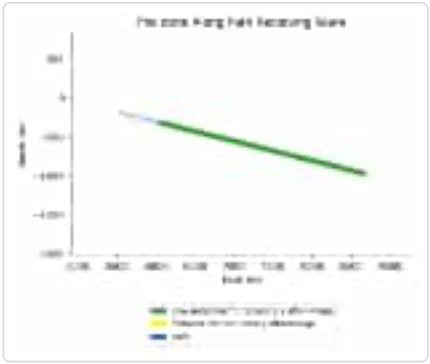








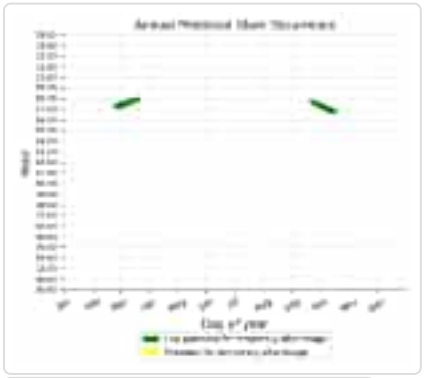
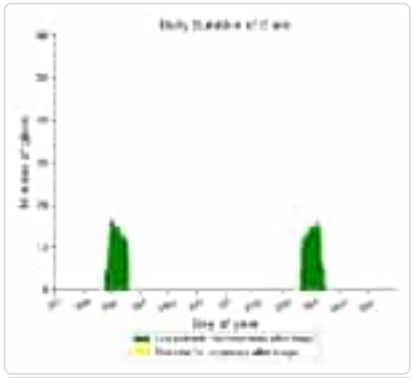
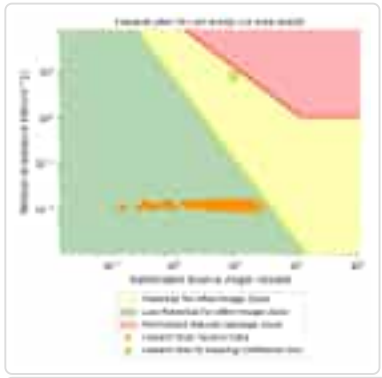
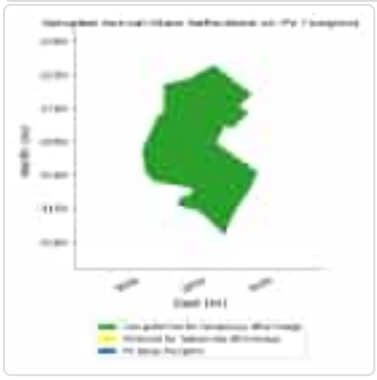
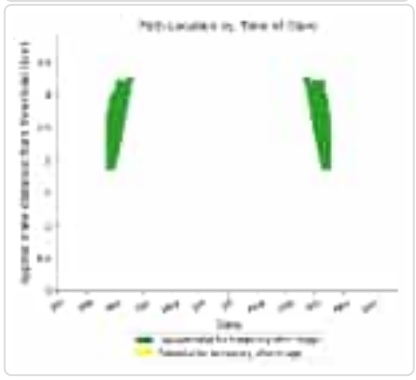
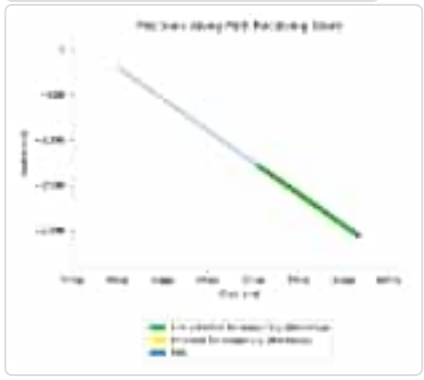




PV array 10: South Hykeham RWY 31

PV array is expected to produce the following glare for this receptor:

- 665 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

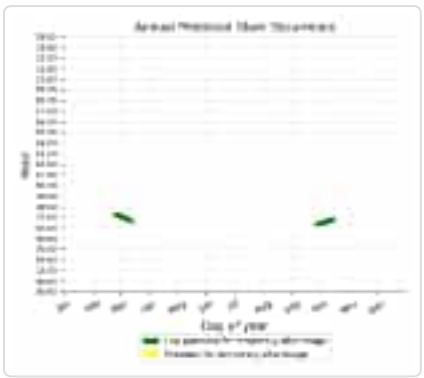
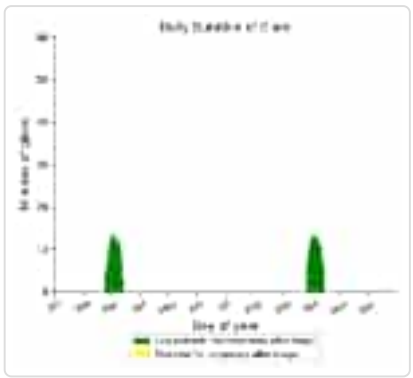
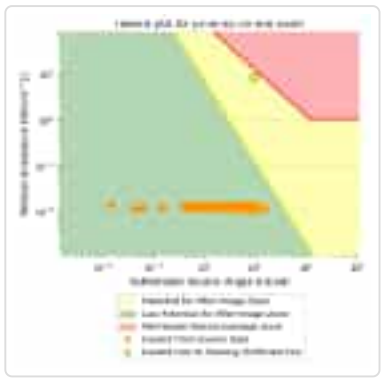
PV array 10: South Scarle RW 28

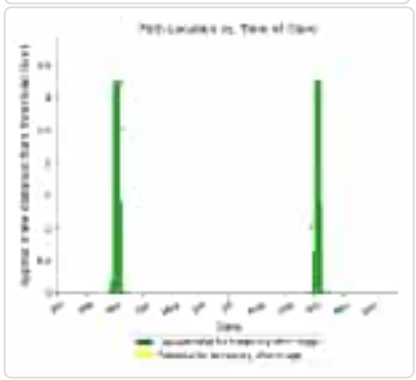
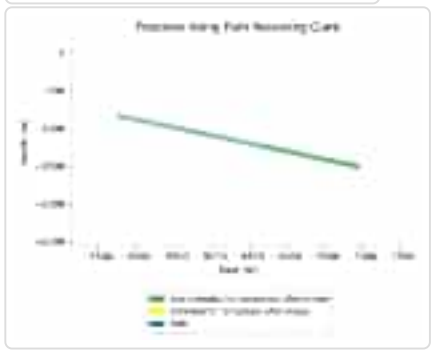
No glare found

PV array 10: South Scarle RWY 10

PV array is expected to produce the following glare for this receptor:

- 413 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

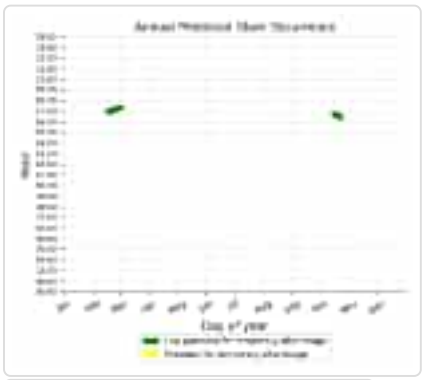




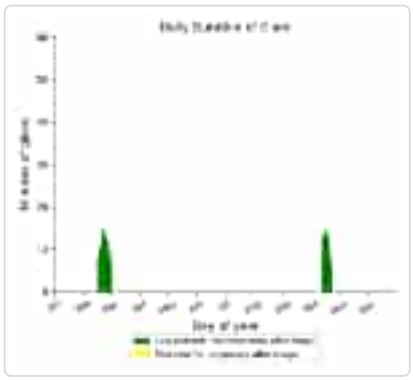



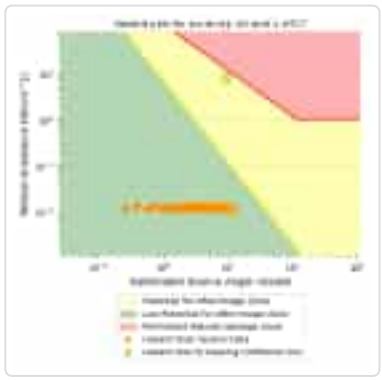
PV array 10: 1-ATCT

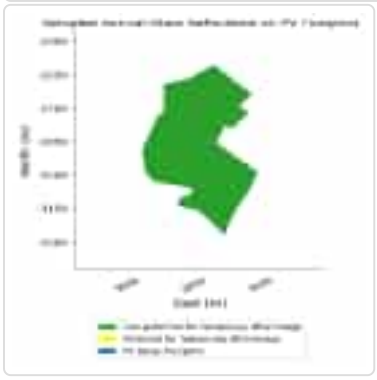
PV array is expected to produce the following glare for this receptor:

- 295 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









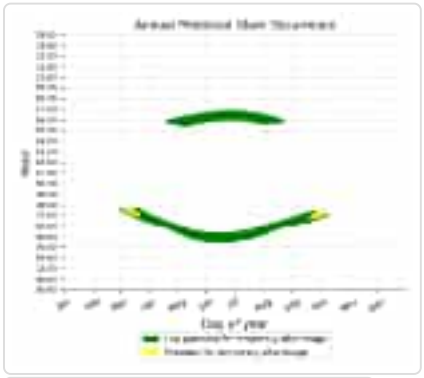
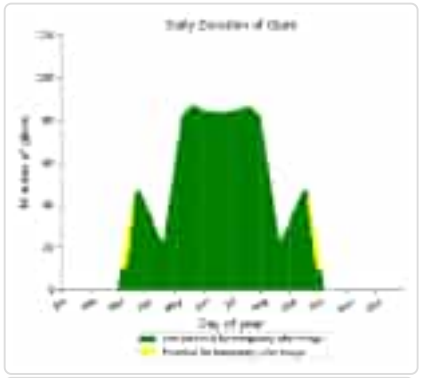
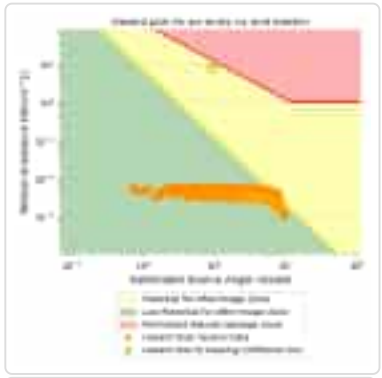
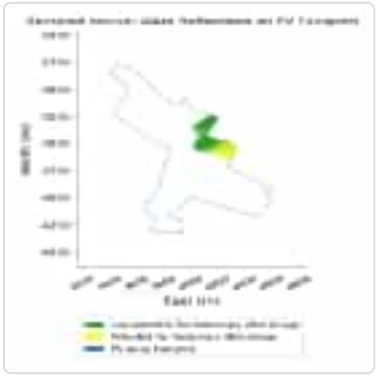
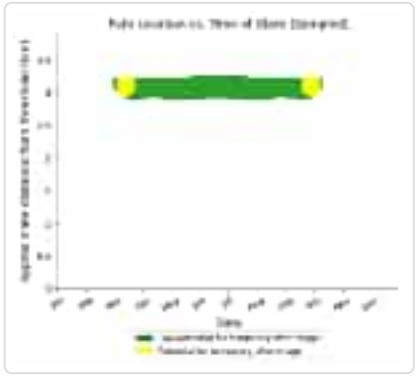
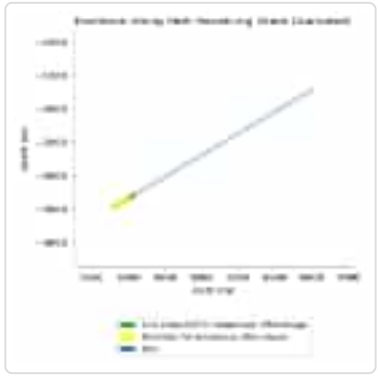
PV array 11 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	11993	295
FP: Blackmoor Farm RWY 24	1424	0
FP: Peacocks Farm RWY 06	10504	13369
FP: Peacocks Farm RWY 24	771	1072
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	1270	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	1046	0
FP: South Hykeham RWY 31	443	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	389	0
OP: 1-ATCT	0	0

PV array 11: Blackmoor Farm RWY 06

PV array is expected to produce the following glare for this receptor:

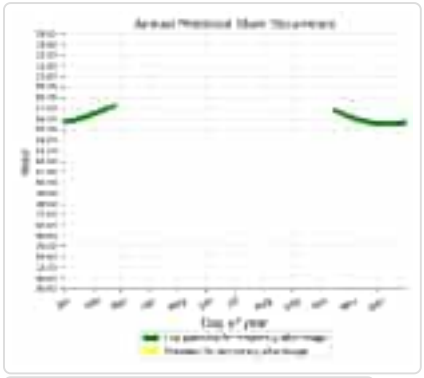
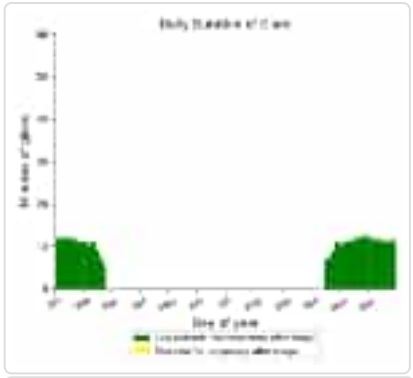
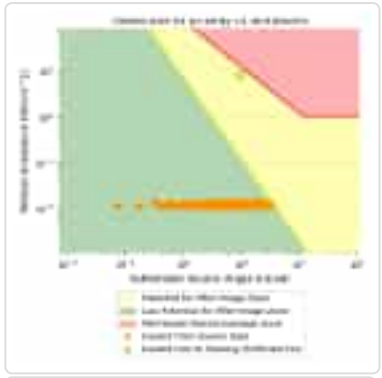
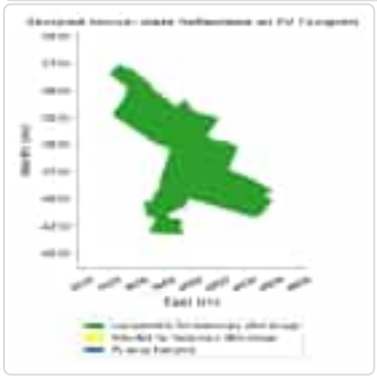
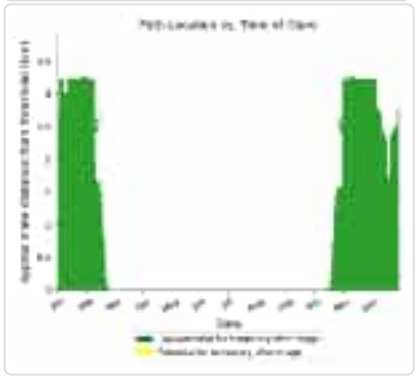
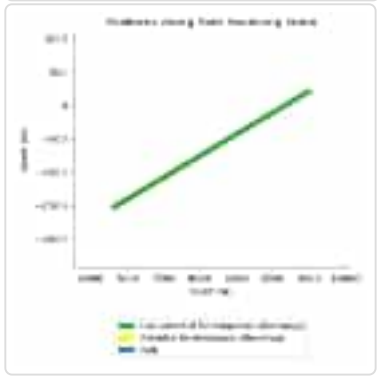
- 11,993 minutes of "green" glare with low potential to cause temporary after-image.
- 295 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 11: Blackmoor Farm RWY 24

PV array is expected to produce the following glare for this receptor:

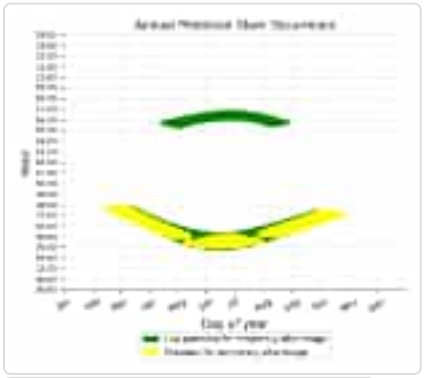
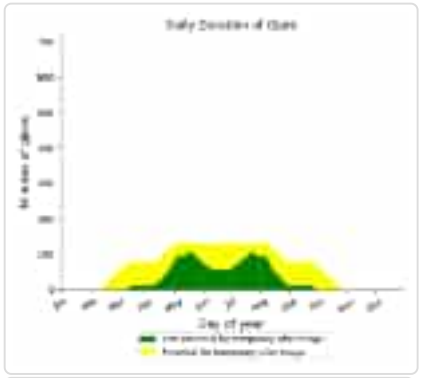
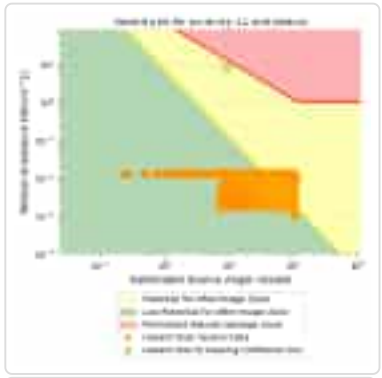
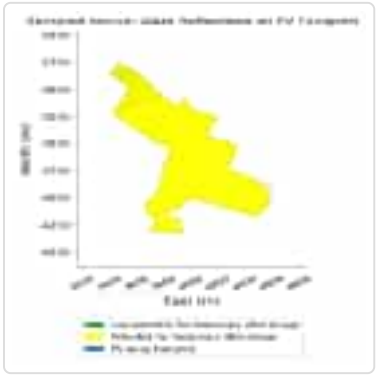
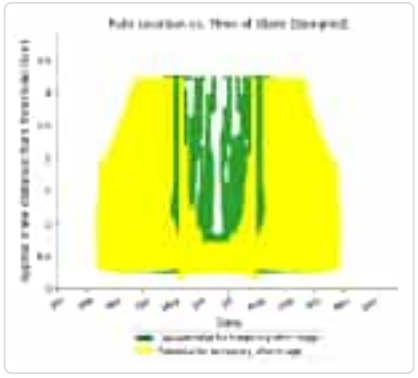
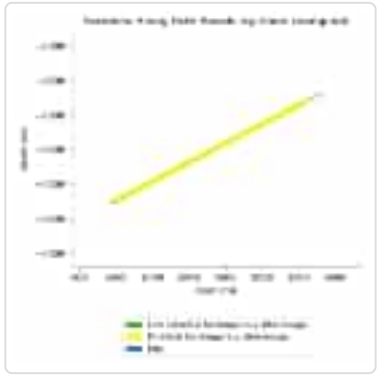
- 1,424 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 11: Peacocks Farm RWY 06

PV array is expected to produce the following glare for this receptor:

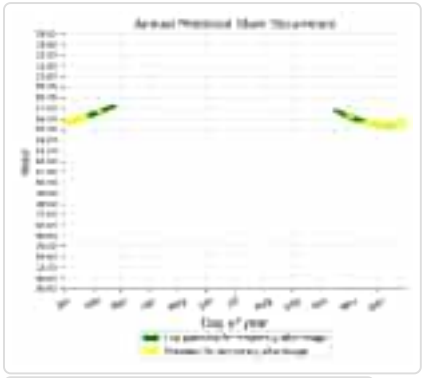
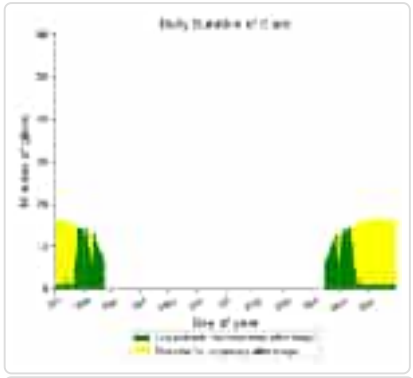
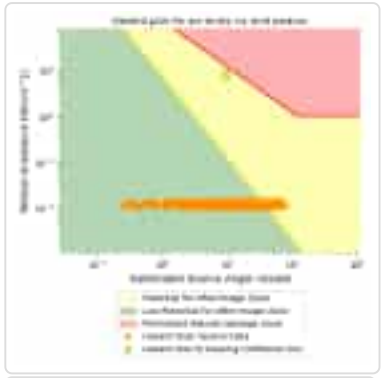
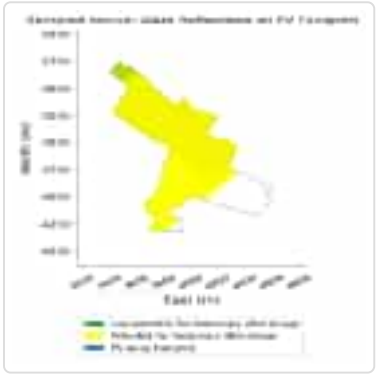
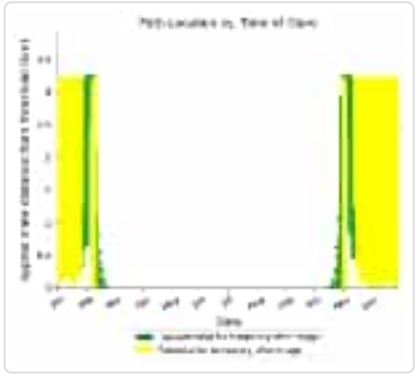
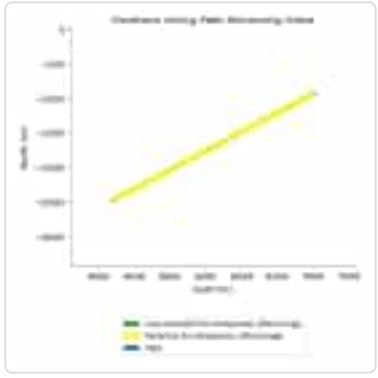
- 10,504 minutes of "green" glare with low potential to cause temporary after-image.
- 13,369 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 11: Peacocks Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 771 minutes of "green" glare with low potential to cause temporary after-image.
- 1,072 minutes of "yellow" glare with potential to cause temporary after-image.

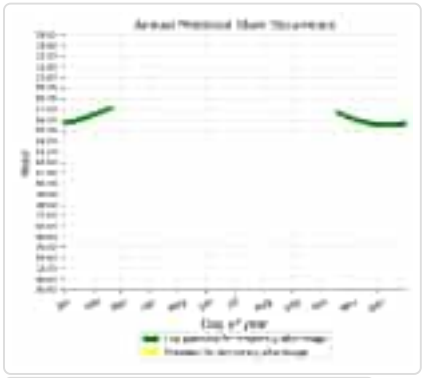
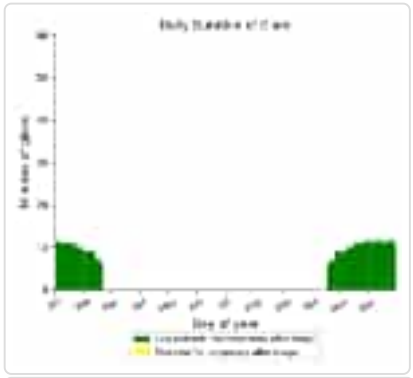
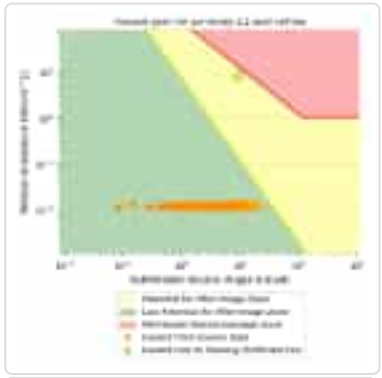
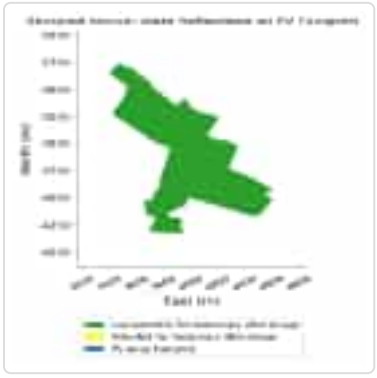
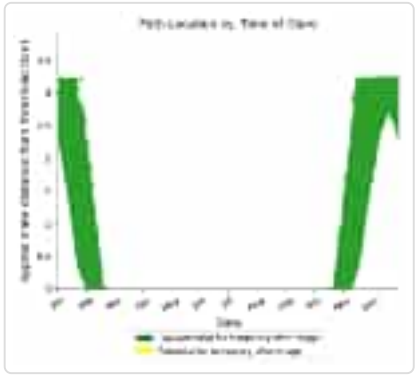
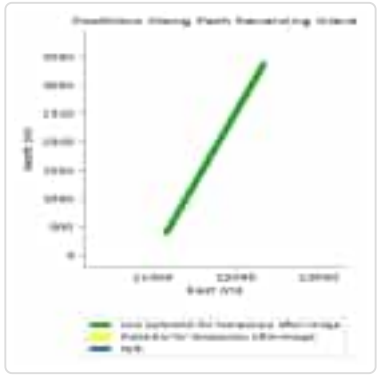
PV array 11: RAF Waddington RWY 02

No glare found

PV array 11: RAF Waddington RWY 20

PV array is expected to produce the following glare for this receptor:

- 1,270 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 11: South Hykeham RWY 10

No glare found

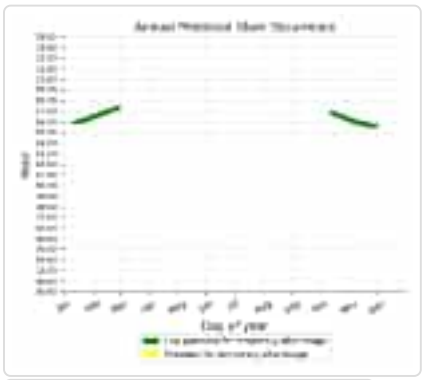
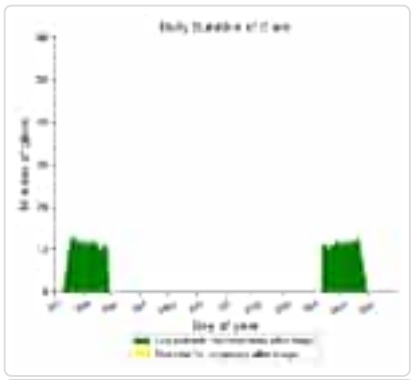
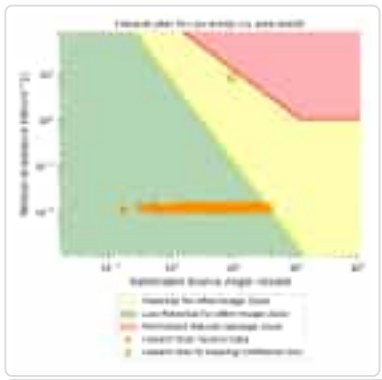
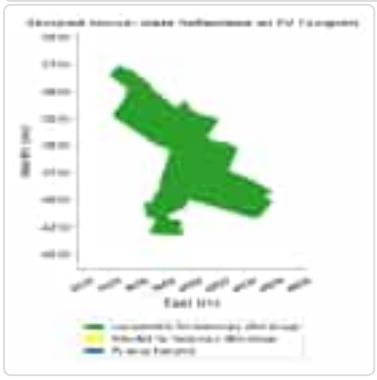
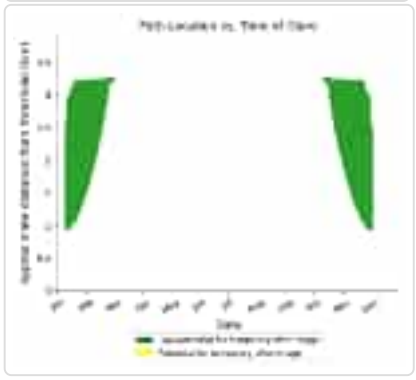
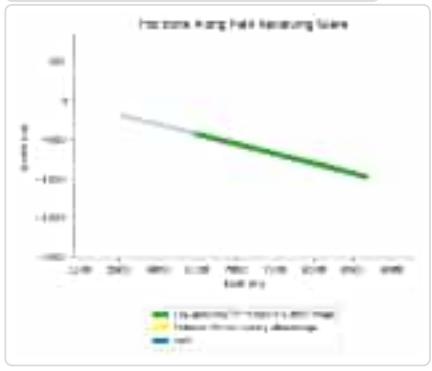
PV array 11: South Hykeham RWY 13

No glare found

PV array 11: South Hykeham RWY 28

PV array is expected to produce the following glare for this receptor:

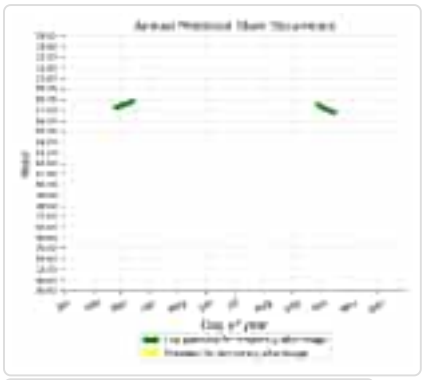
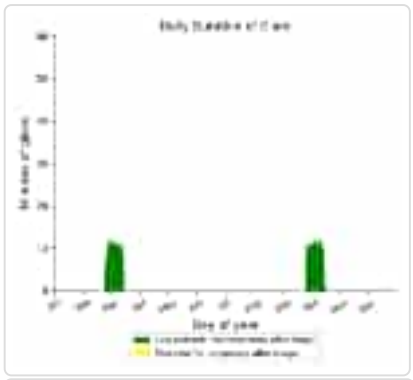
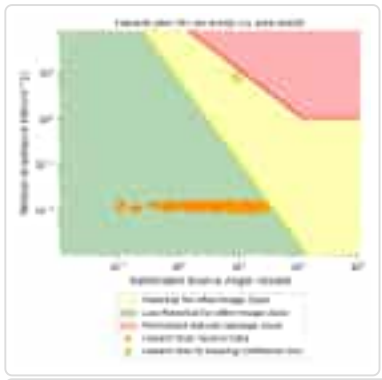
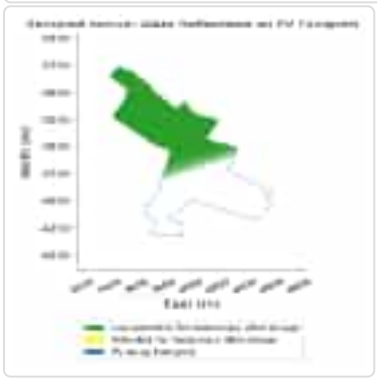
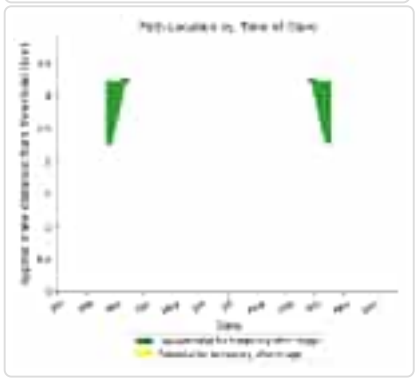
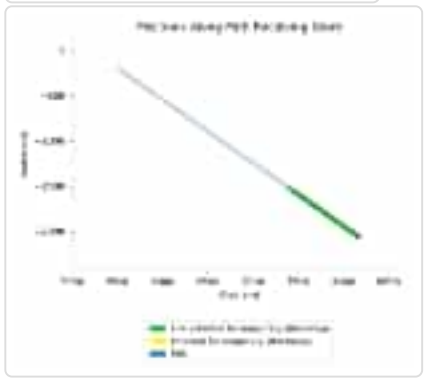
- 1,046 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 11: South Hykeham RWY 31

PV array is expected to produce the following glare for this receptor:

- 443 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

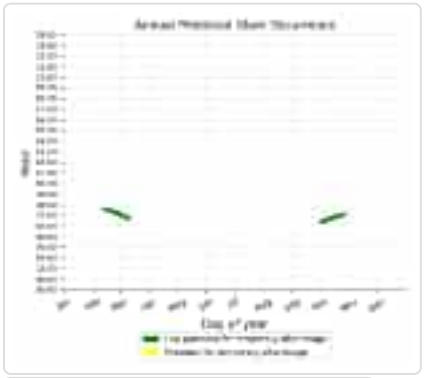
PV array 11: South Scarle RW 28

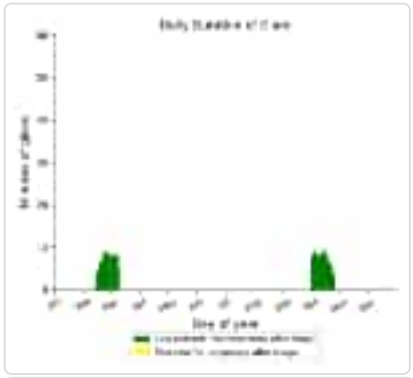
No glare found

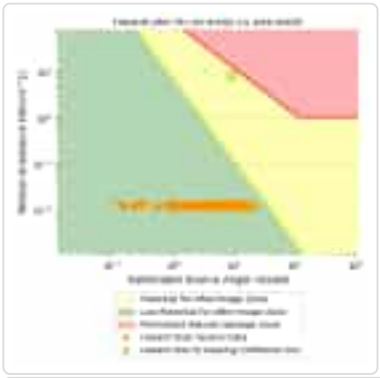
PV array 11: South Scarle RWY 10

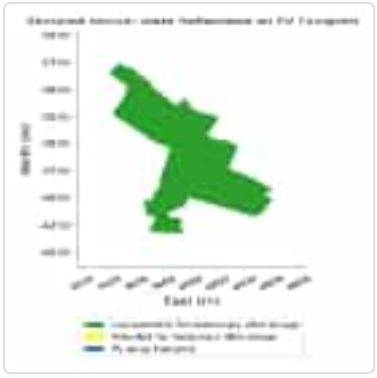
PV array is expected to produce the following glare for this receptor:

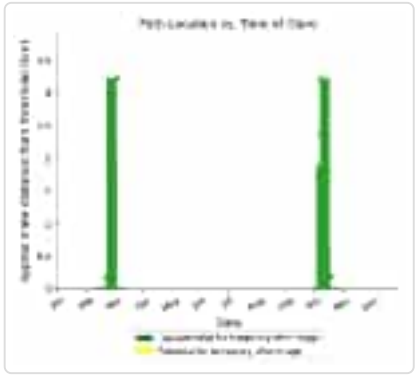
- 389 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

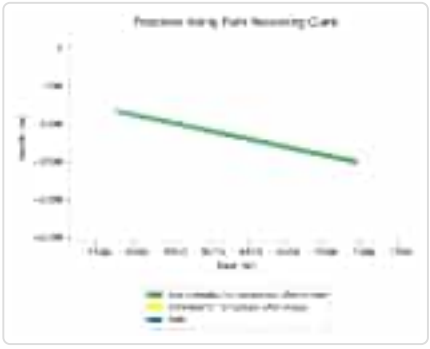












PV array 11: 1-ATCT

No glare found

PV array 12 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	779	0
FP: Peacocks Farm RWY 06	1086	0
FP: Peacocks Farm RWY 24	0	0
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	1059	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	281	0
FP: South Hykeham RWY 31	0	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	255	0
OP: 1-ATCT	50	0

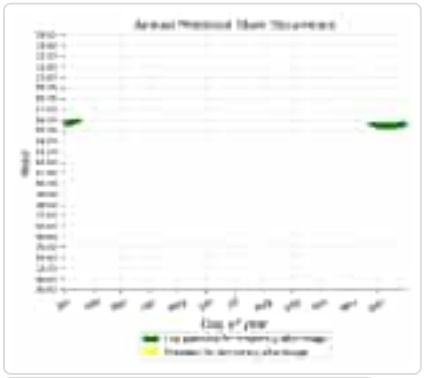
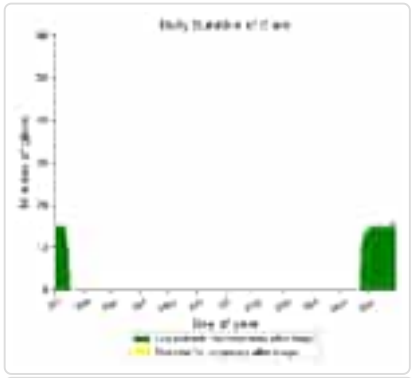
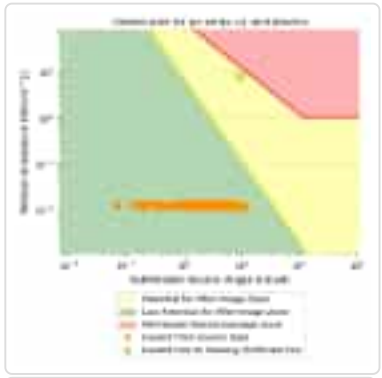
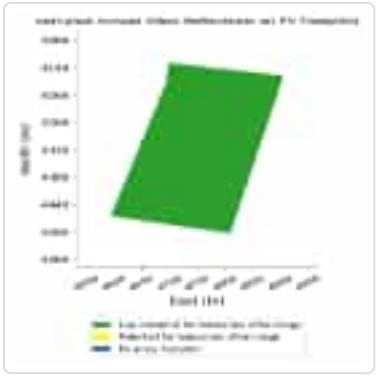
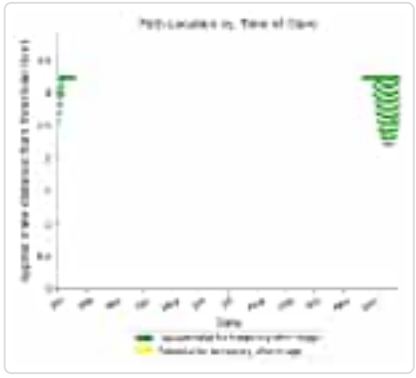
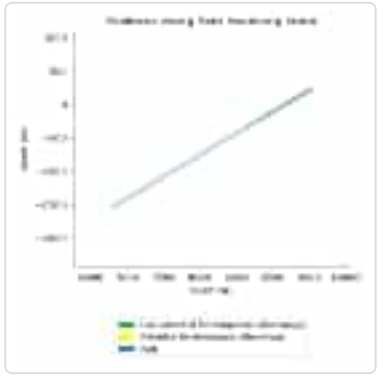
PV array 12: Blackmoor Farm RWY 06

No glare found

PV array 12: Blackmoor Farm RWY 24

PV array is expected to produce the following glare for this receptor:

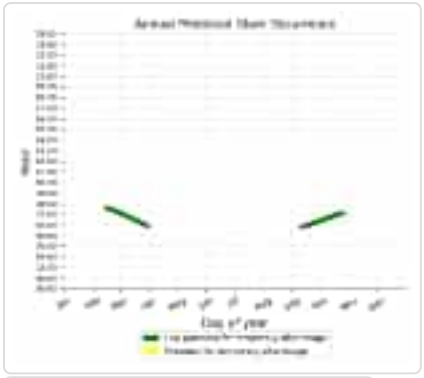
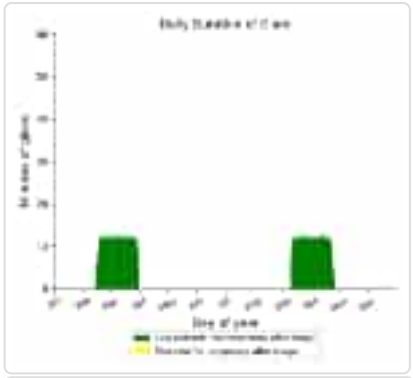
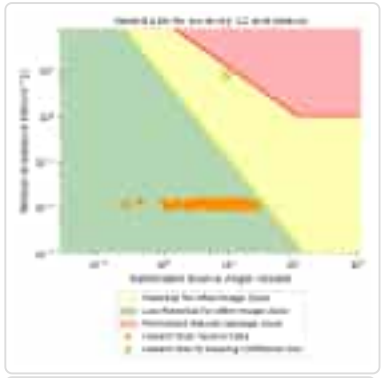
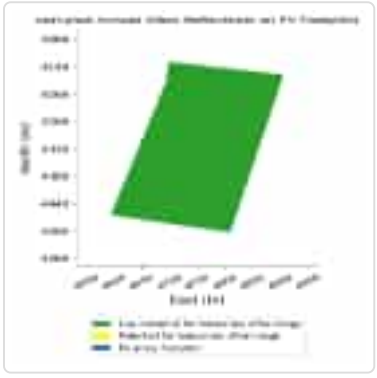
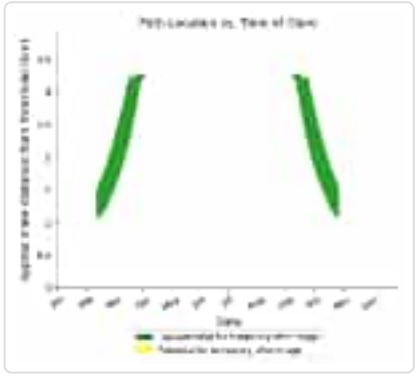
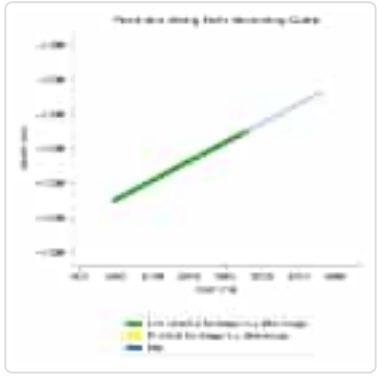
- 779 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 12: Peacocks Farm RWY 06

PV array is expected to produce the following glare for this receptor:

- 1,086 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 12: Peacocks Farm RWY 24

No glare found

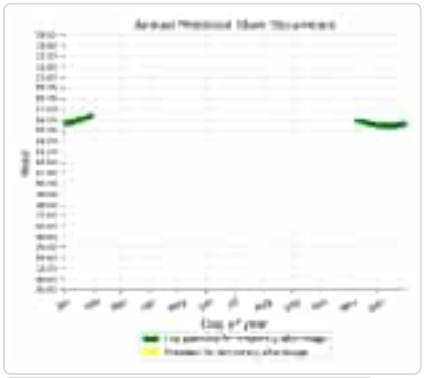
PV array 12: RAF Waddington RWY 02

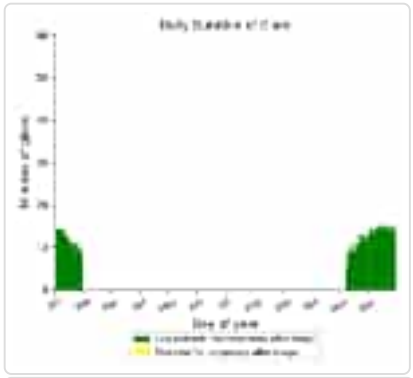
No glare found

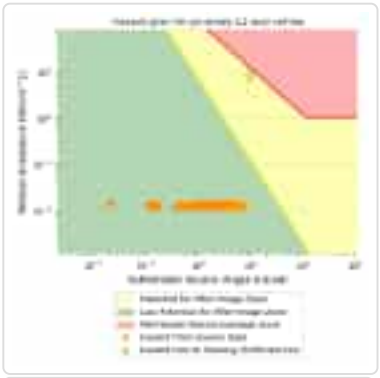
PV array 12: RAF Waddington RWY 20

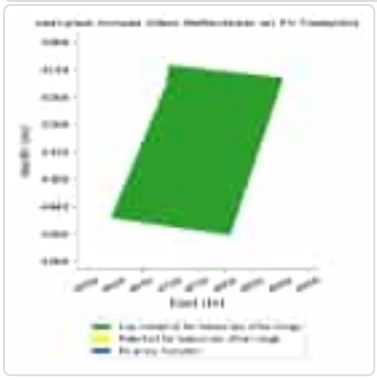
PV array is expected to produce the following glare for this receptor:

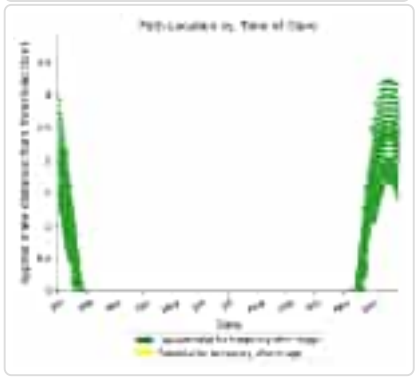
- 1,059 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

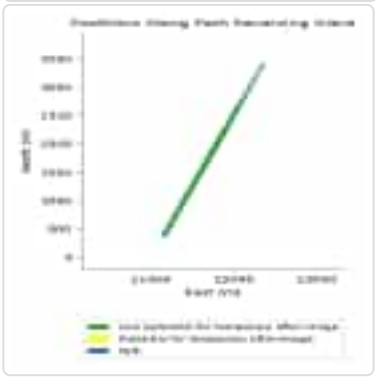












PV array 12: South Hykeham RWY 10

No glare found

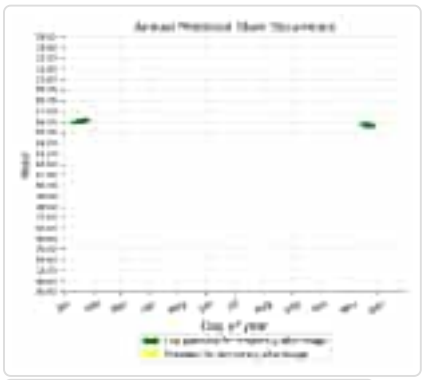
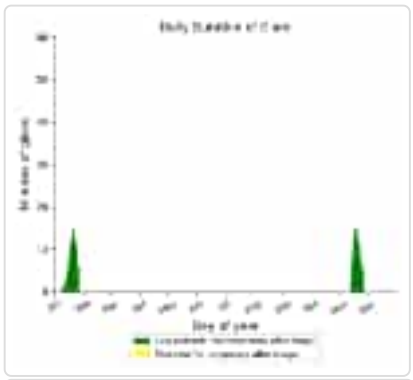
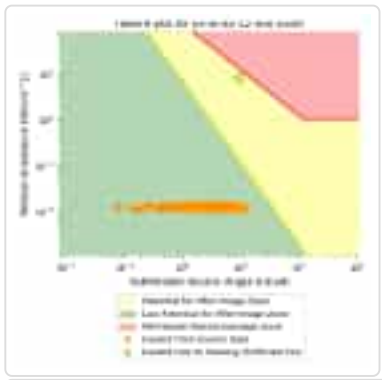
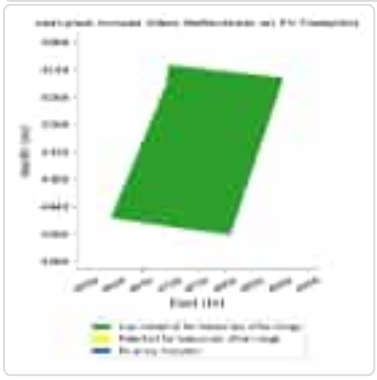
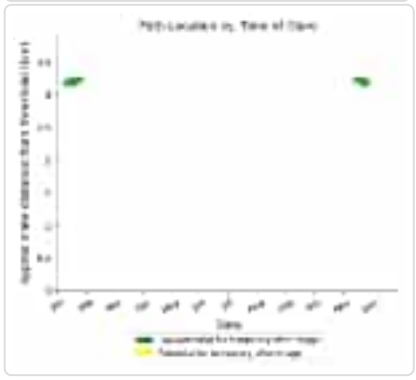
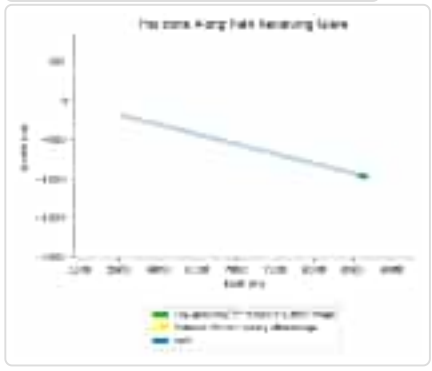
PV array 12: South Hykeham RWY 13

No glare found

PV array 12: South Hykeham RWY 28

PV array is expected to produce the following glare for this receptor:

- 281 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 12: South Hykeham RWY 31

No glare found

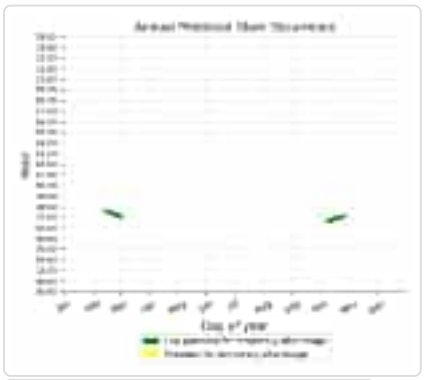
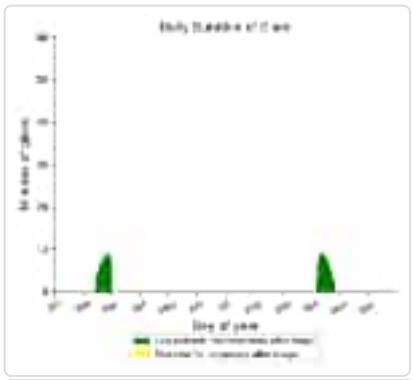
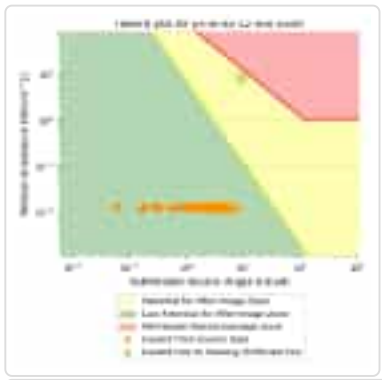
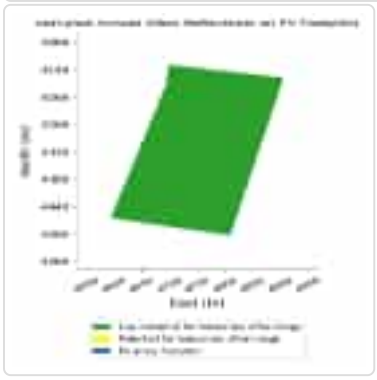
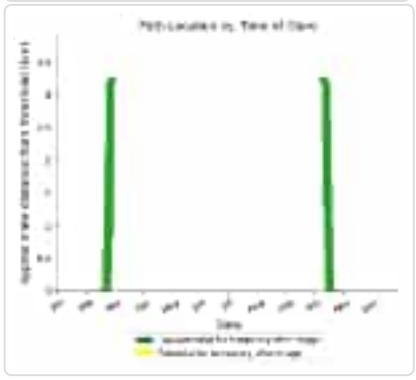
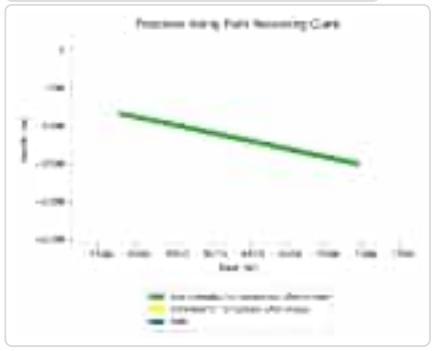
PV array 12: South Scarle RW 28

No glare found

PV array 12: South Scarle RWY 10

PV array is expected to produce the following glare for this receptor:

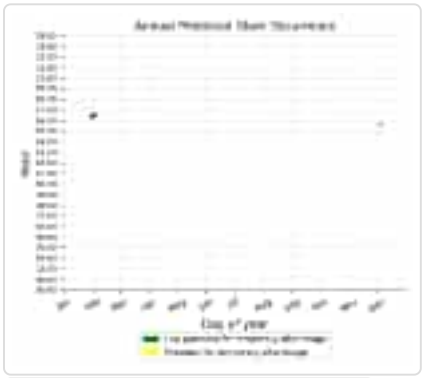
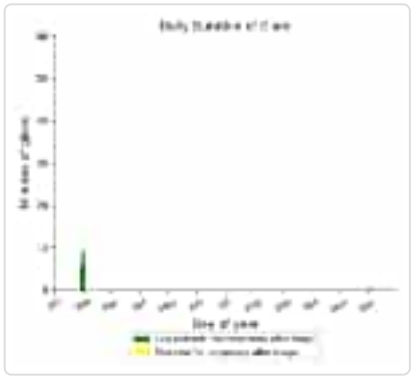
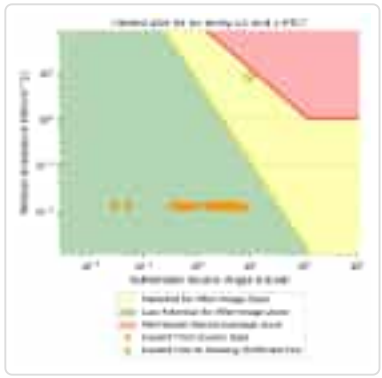
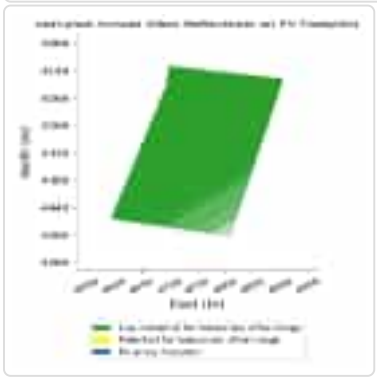
- 255 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 12: 1-ATCT

PV array is expected to produce the following glare for this receptor:

- 50 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 13 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)

FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	579	0
FP: Peacocks Farm RWY 06	12331	1945
FP: Peacocks Farm RWY 24	1099	0
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	859	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	768	0
FP: South Hykeham RWY 31	141	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	1034	0
OP: 1-ATCT	91	0

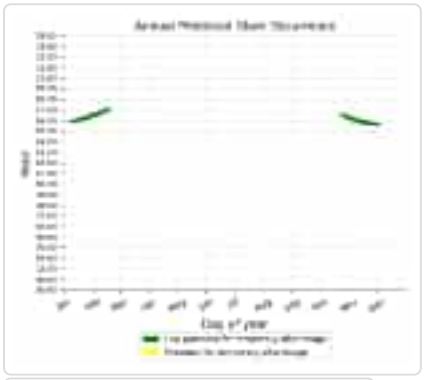
PV array 13: Blackmoor Farm RWY 06

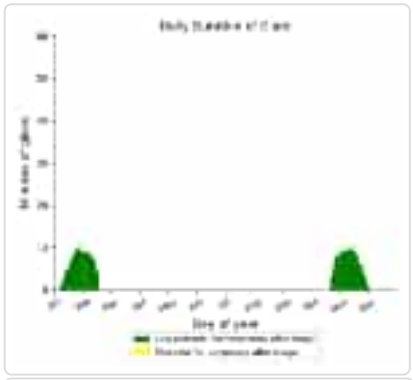
No glare found

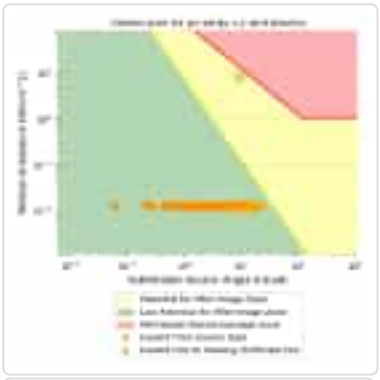
PV array 13: Blackmoor Farm RWY 24

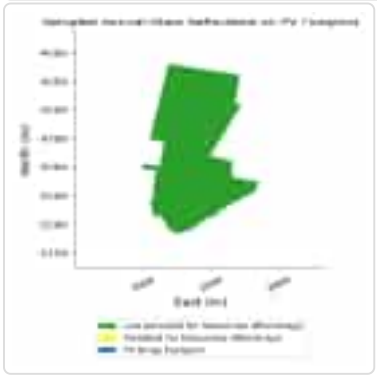
PV array is expected to produce the following glare for this receptor:

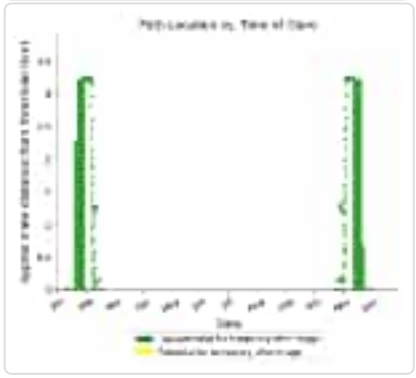
- 579 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

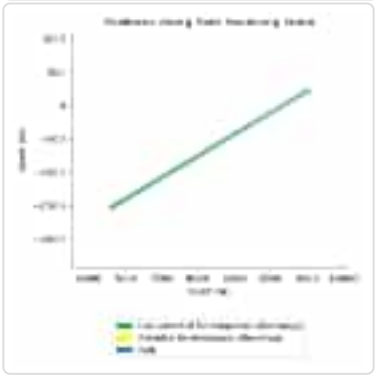








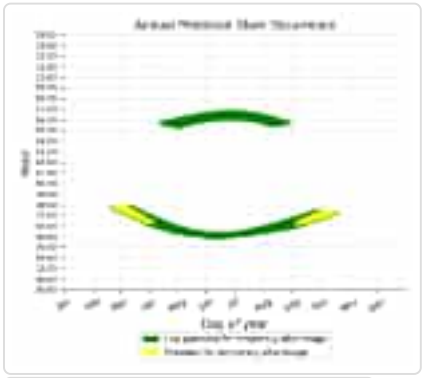
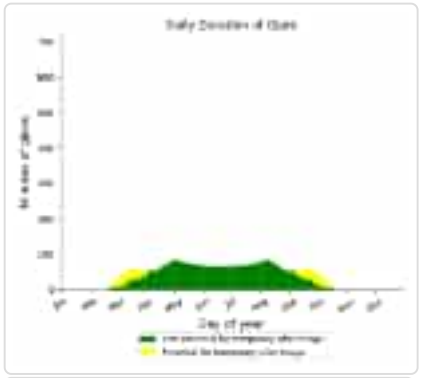
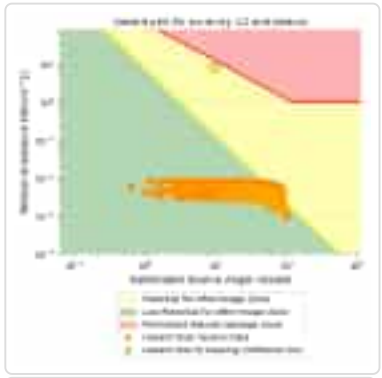
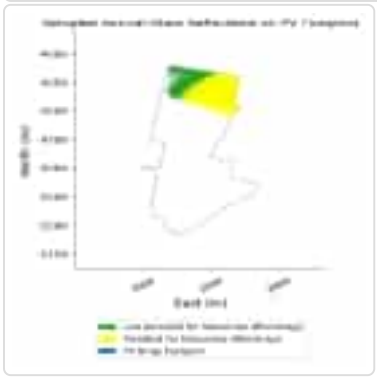
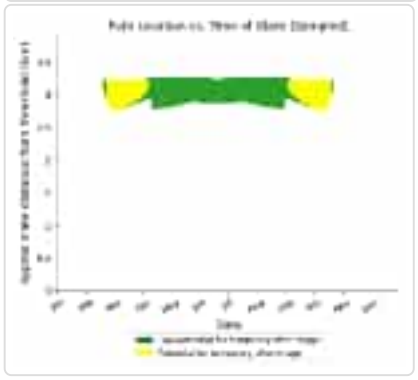
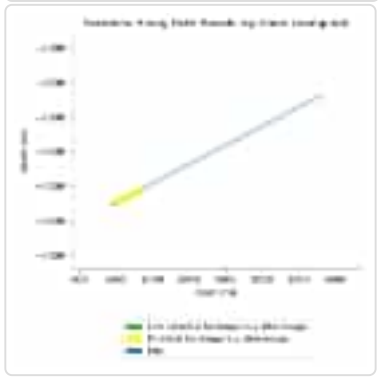




PV array 13: Peacocks Farm RWY 06

PV array is expected to produce the following glare for this receptor:

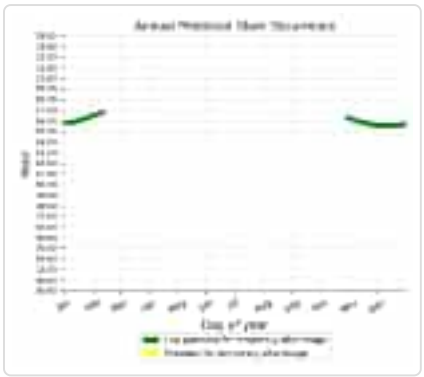
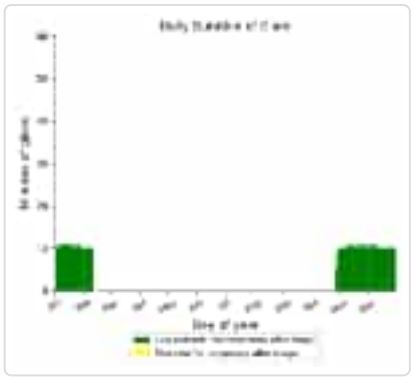
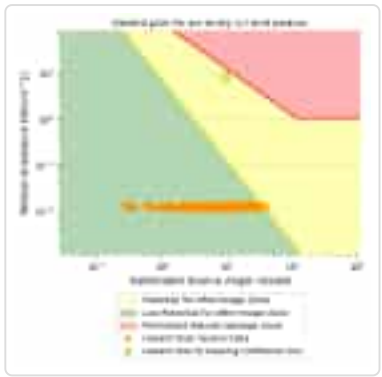
- 12,331 minutes of "green" glare with low potential to cause temporary after-image.
- 1,945 minutes of "yellow" glare with potential to cause temporary after-image.

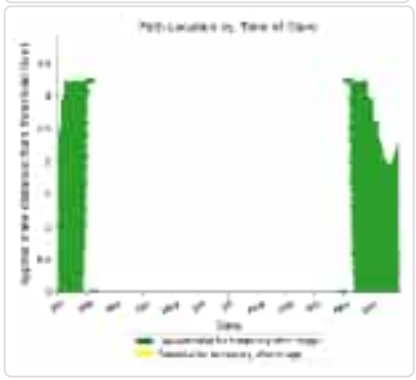
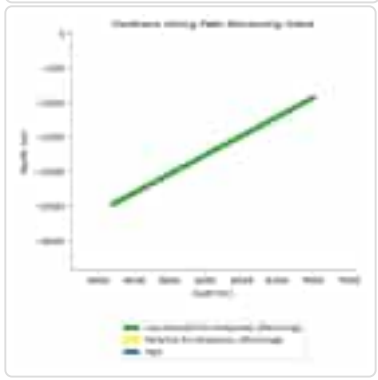







PV array 13: Peacocks Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 1,099 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

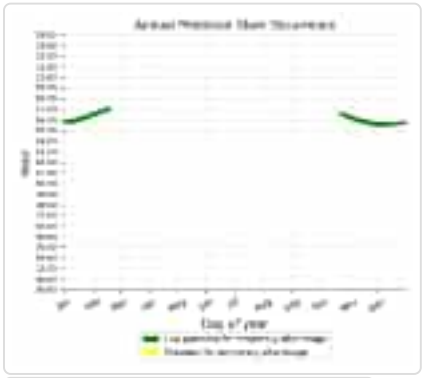
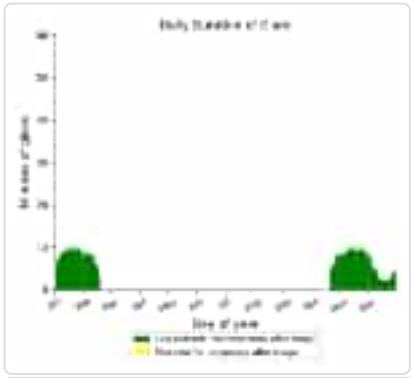
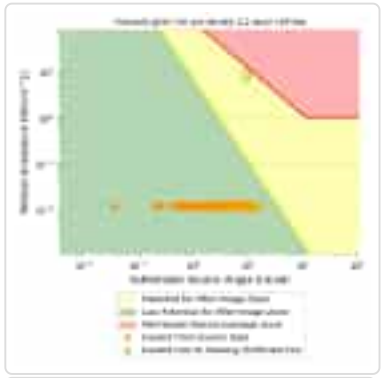
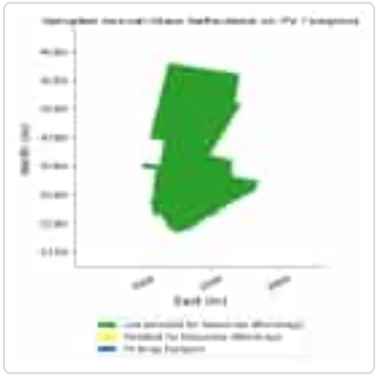
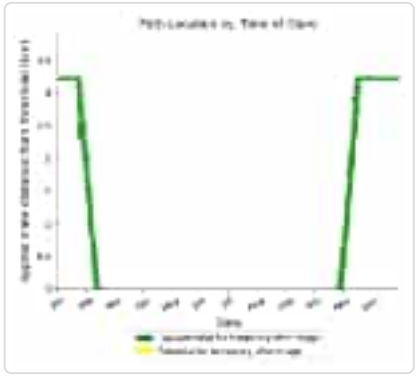
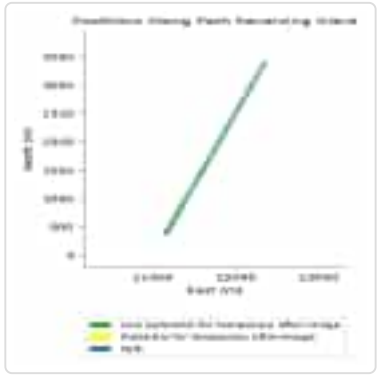
PV array 13: RAF Waddington RWY 02

No glare found

PV array 13: RAF Waddington RWY 20

PV array is expected to produce the following glare for this receptor:

- 859 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 13: South Hykeham RWY 10

No glare found

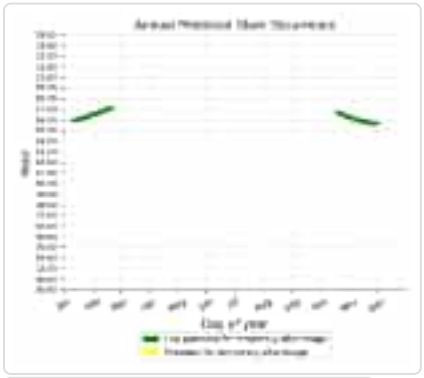
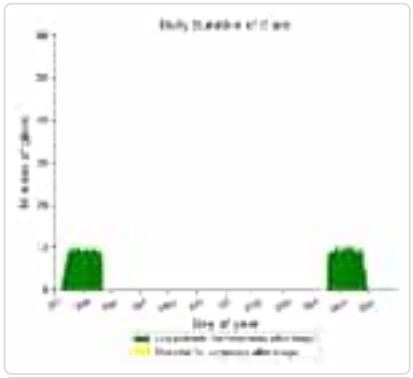
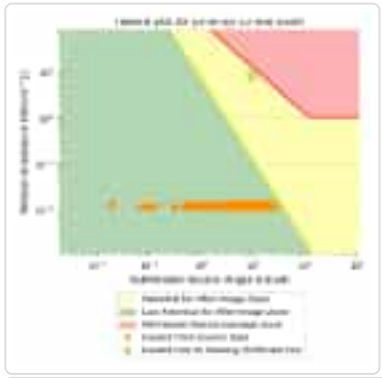
PV array 13: South Hykeham RWY 13

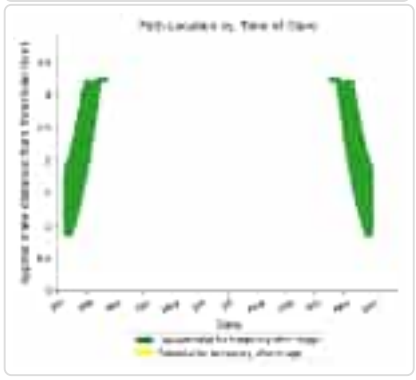
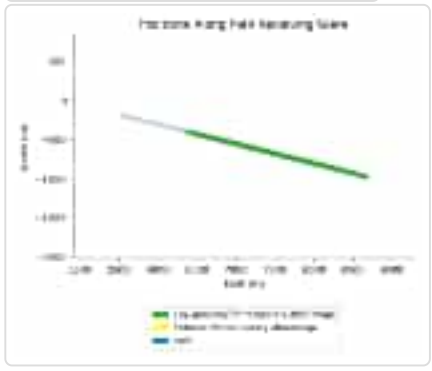
No glare found

PV array 13: South Hykeham RWY 28

PV array is expected to produce the following glare for this receptor:

- 768 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

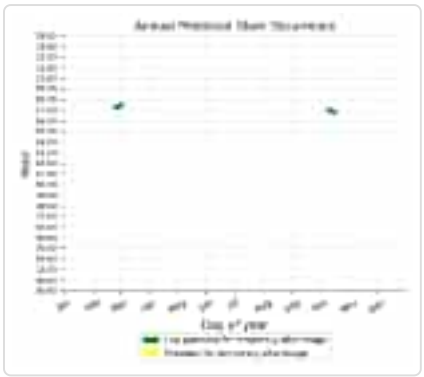
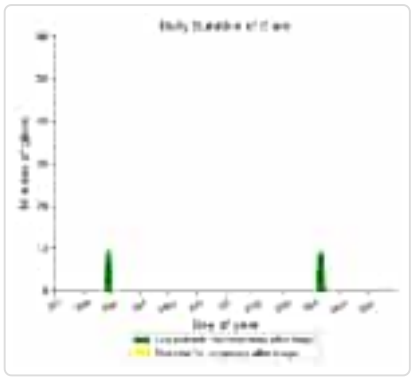
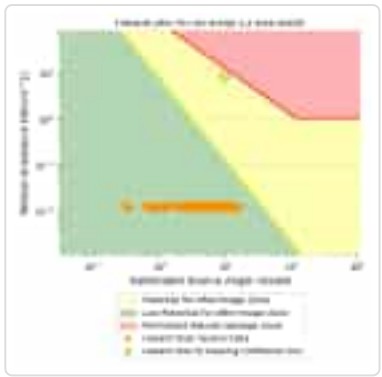
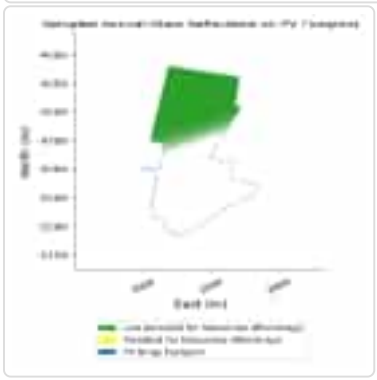
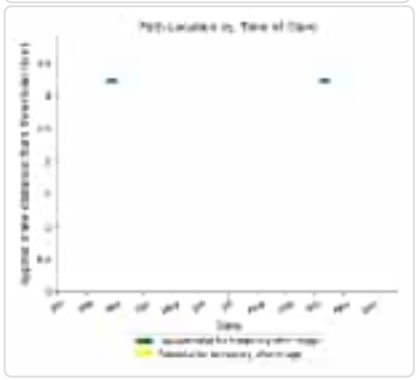
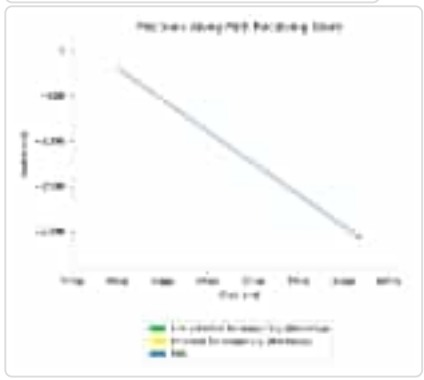




PV array 13: South Hykeham RWY 31

PV array is expected to produce the following glare for this receptor:

- 141 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

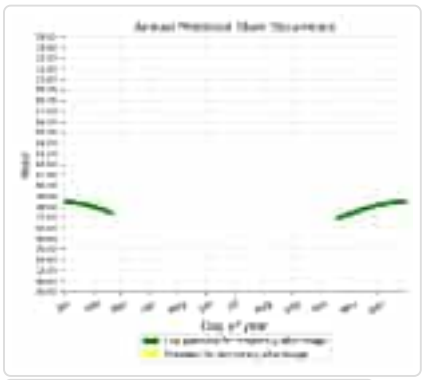
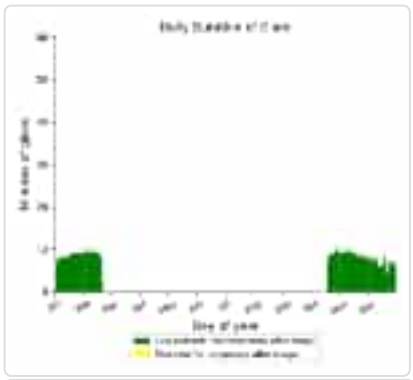
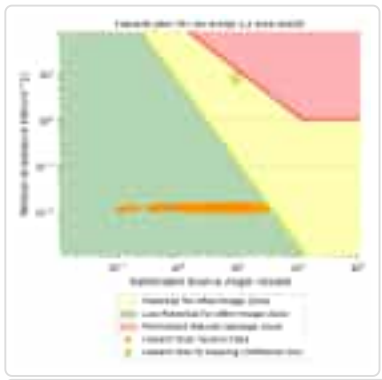
PV array 13: South Scarle RW 28

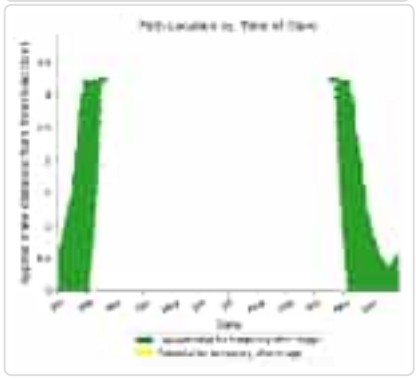
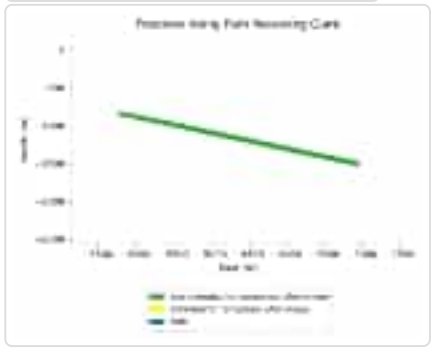
No glare found

PV array 13: South Scarle RWY 10

PV array is expected to produce the following glare for this receptor:

- 1,034 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

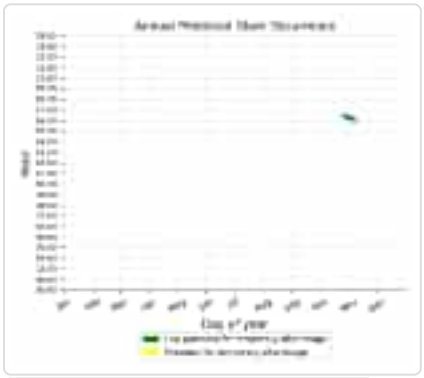
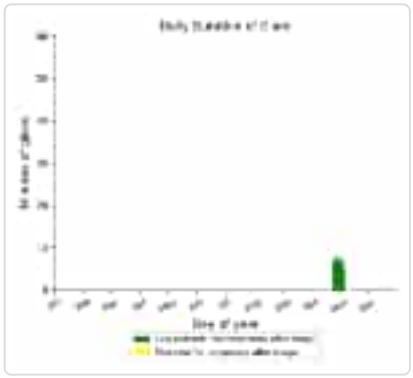
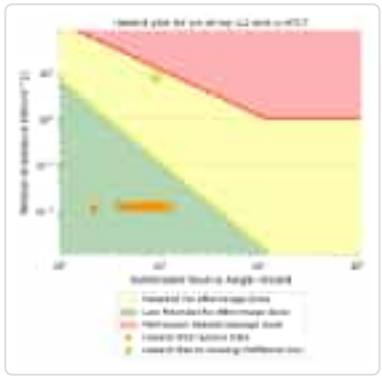
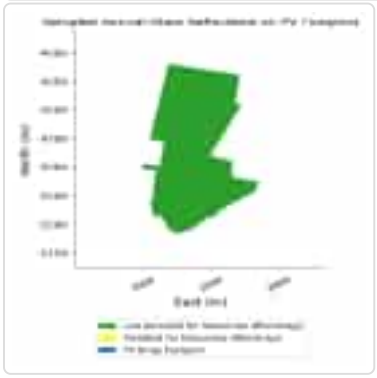




PV array 13: 1-ATCT

PV array is expected to produce the following glare for this receptor:

- 91 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 14 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)

FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	872	0
FP: Peacocks Farm RWY 06	2441	2073
FP: Peacocks Farm RWY 24	2272	16
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	1227	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	903	0
FP: South Hykeham RWY 28	1202	0
FP: South Hykeham RWY 31	239	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	827	0
OP: 1-ATCT	249	0

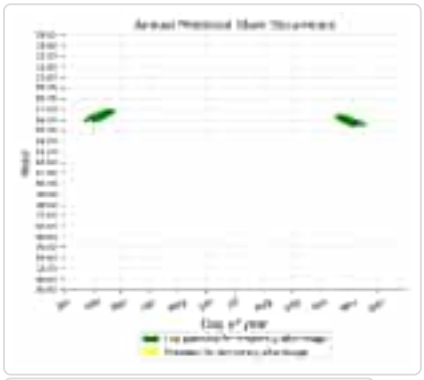
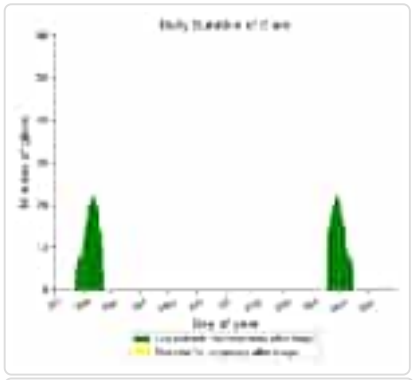
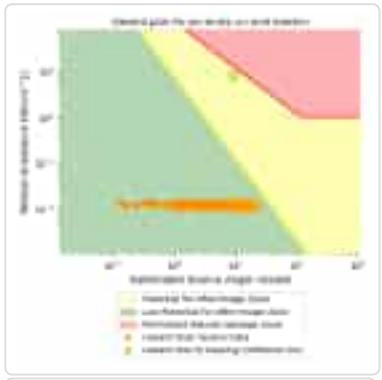
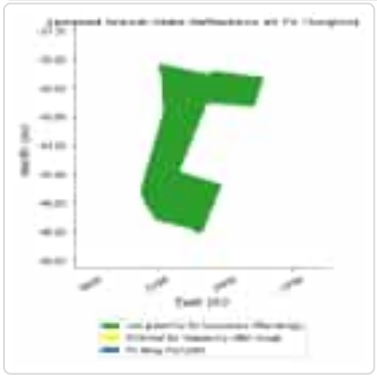
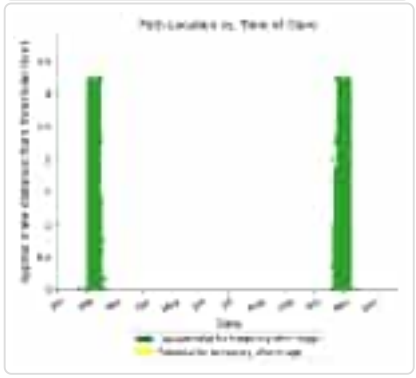
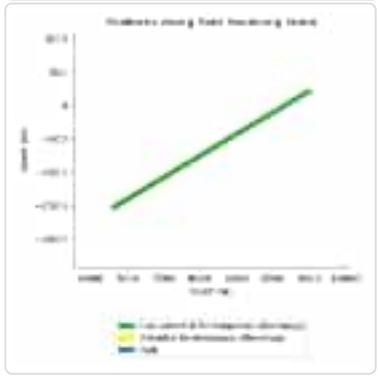
PV array 14: Blackmoor Farm RWY 06

No glare found

PV array 14: Blackmoor Farm RWY 24

PV array is expected to produce the following glare for this receptor:

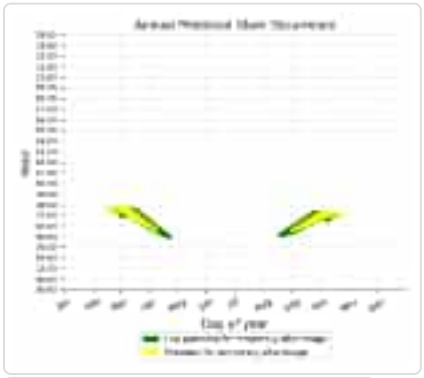
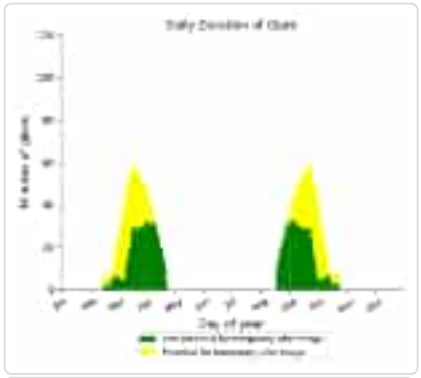
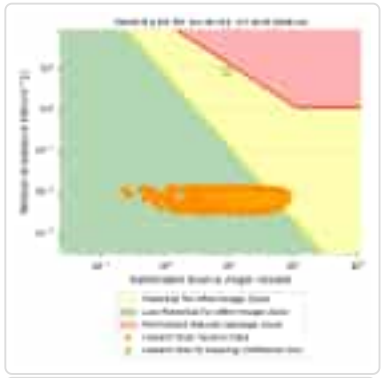
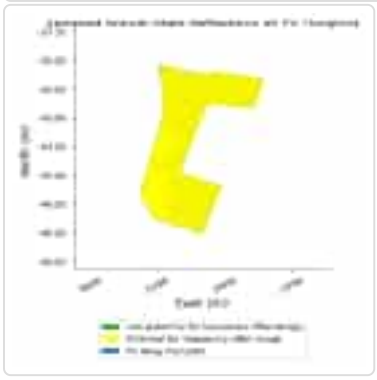
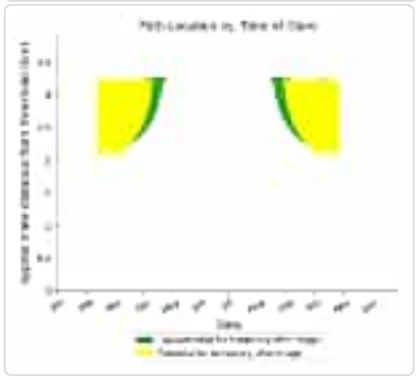
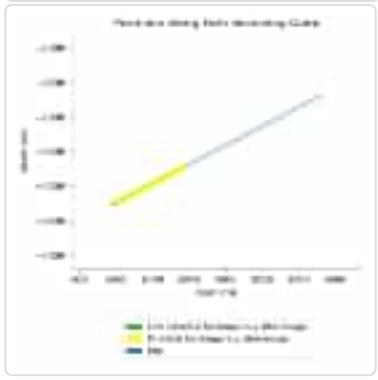
- 872 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 14: Peacocks Farm RWY 06

PV array is expected to produce the following glare for this receptor:

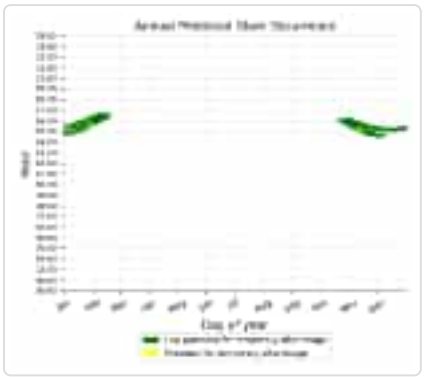
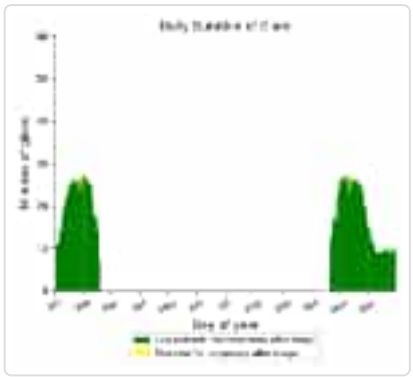
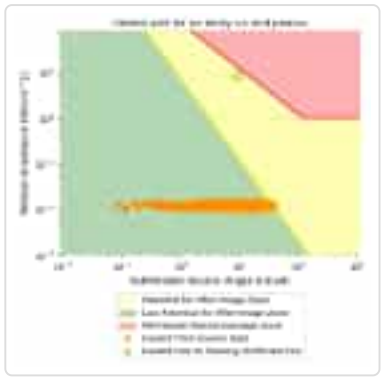
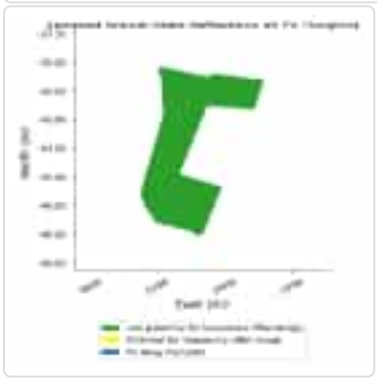
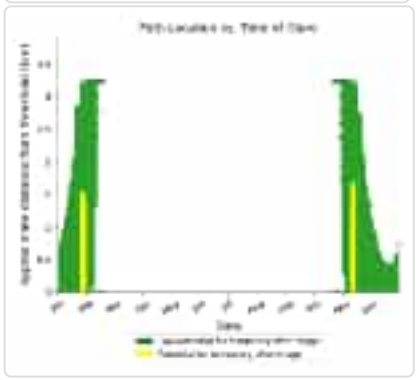
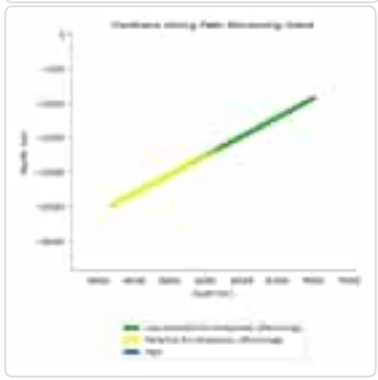
- 2,441 minutes of "green" glare with low potential to cause temporary after-image.
- 2,073 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 14: Peacocks Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 2,272 minutes of "green" glare with low potential to cause temporary after-image.
- 16 minutes of "yellow" glare with potential to cause temporary after-image.

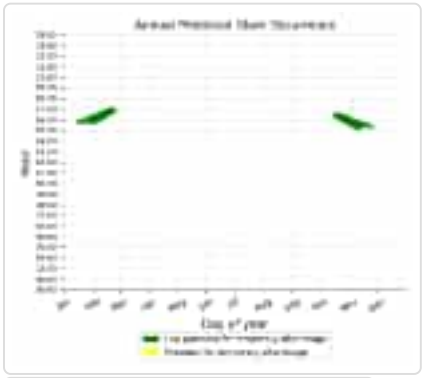
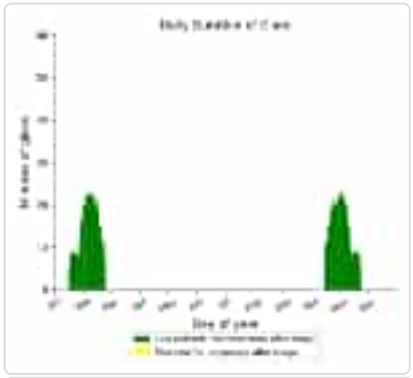
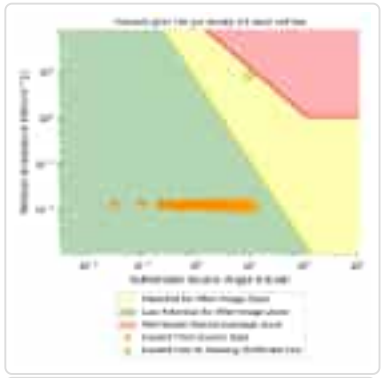
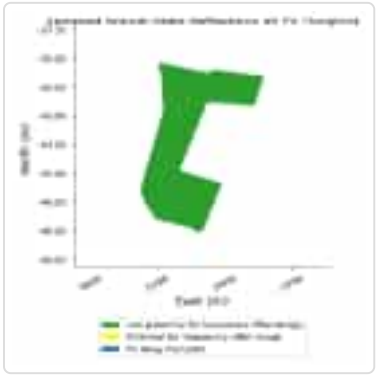
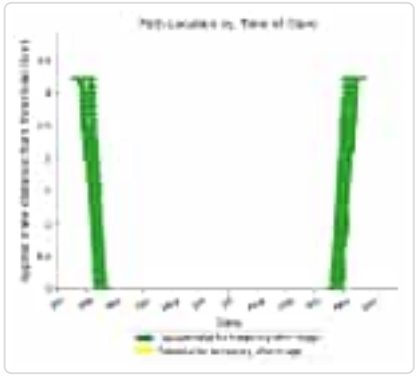
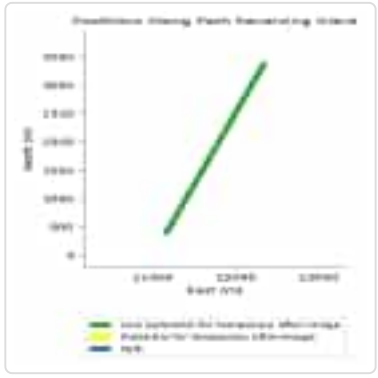
PV array 14: RAF Waddington RWY 02

No glare found

PV array 14: RAF Waddington RWY 20

PV array is expected to produce the following glare for this receptor:

- 1,227 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

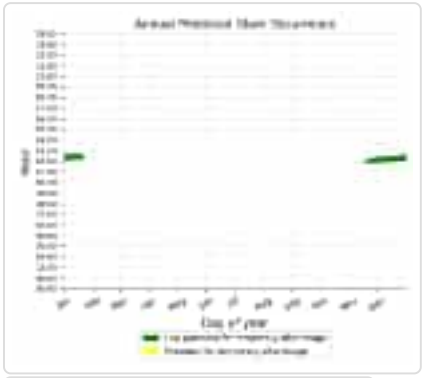
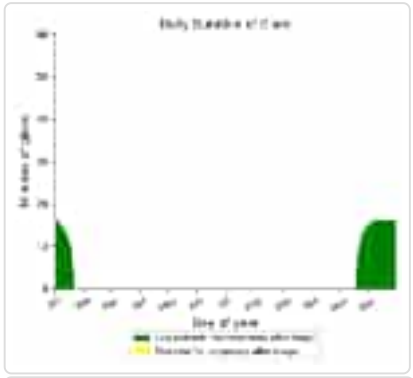
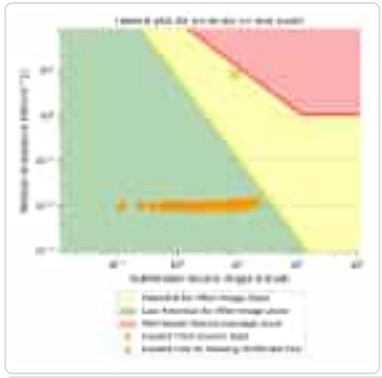
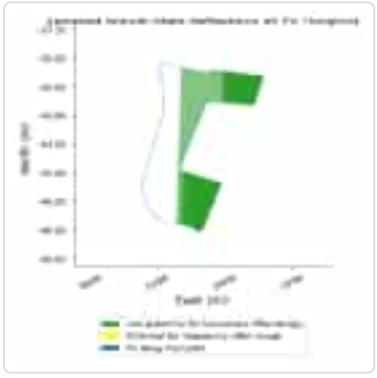
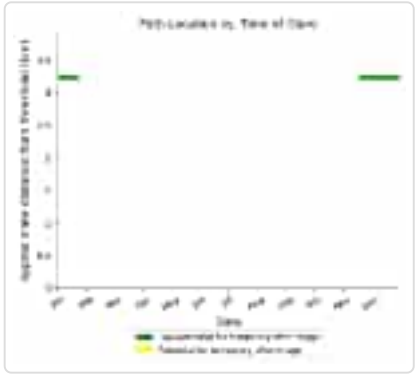
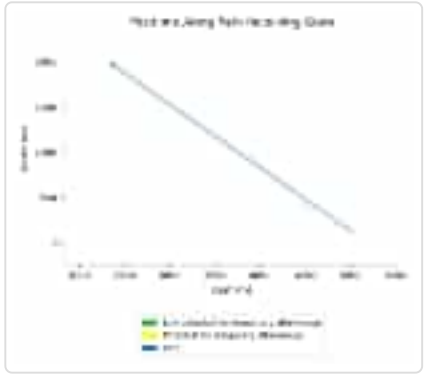
PV array 14: South Hykeham RWY 10

No glare found

PV array 14: South Hykeham RWY 13

PV array is expected to produce the following glare for this receptor:

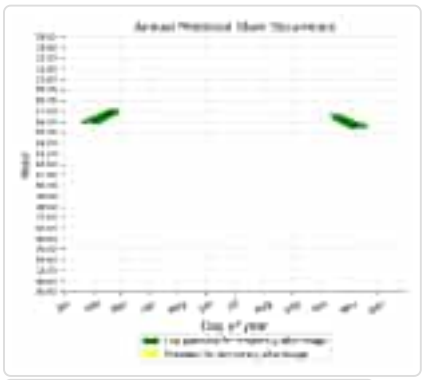
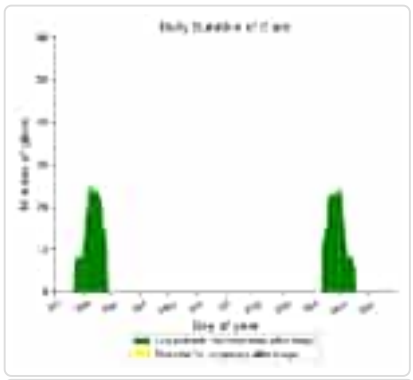
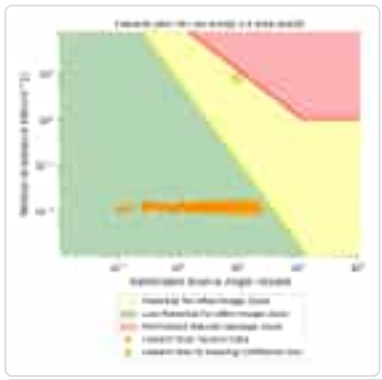
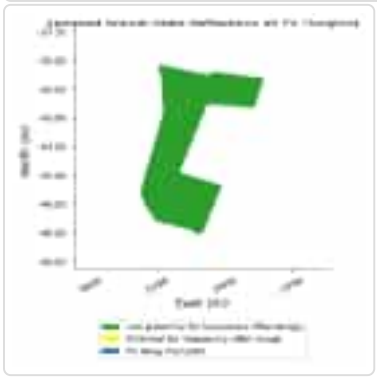
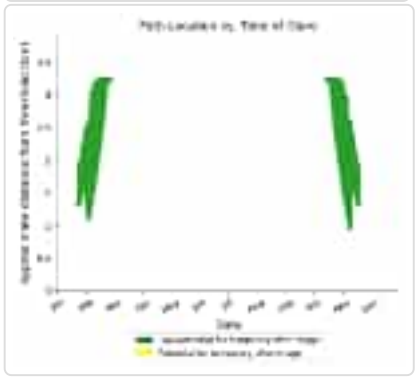
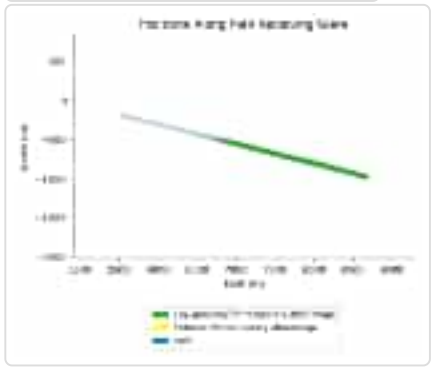
- 903 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 14: South Hykeham RWY 28

PV array is expected to produce the following glare for this receptor:

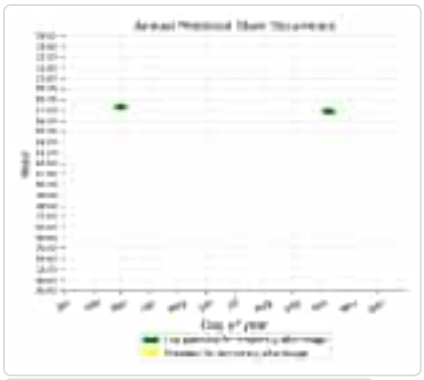
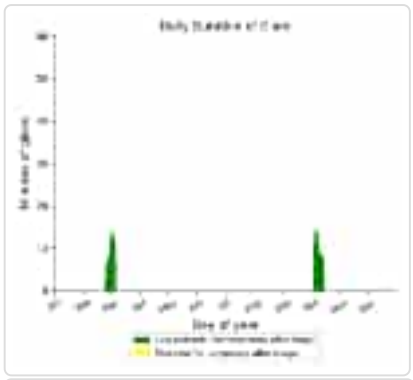
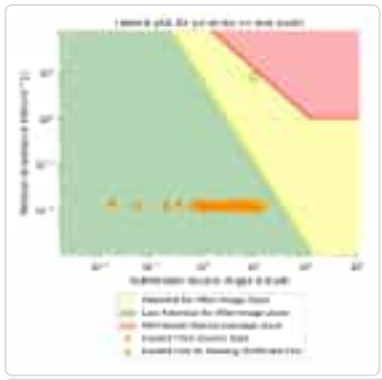
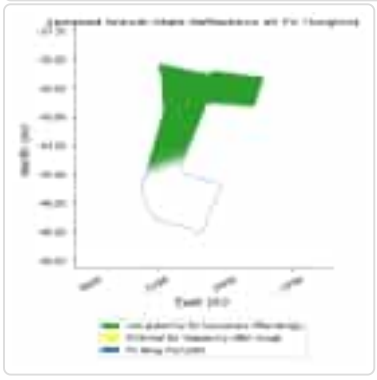
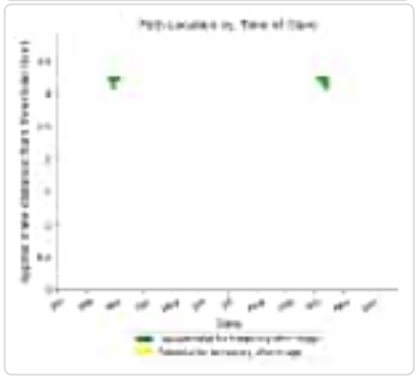
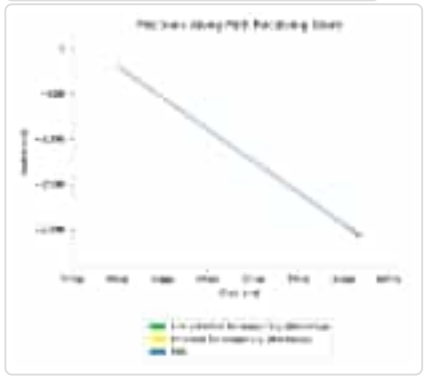
- 1,202 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 14: South Hykeham RWY 31

PV array is expected to produce the following glare for this receptor:

- 239 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

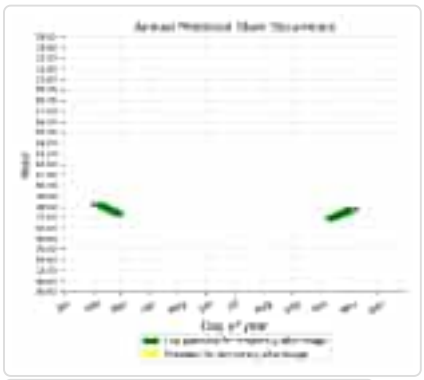
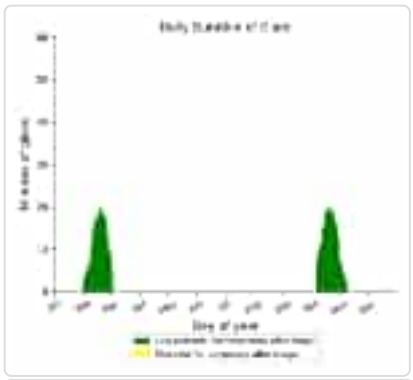
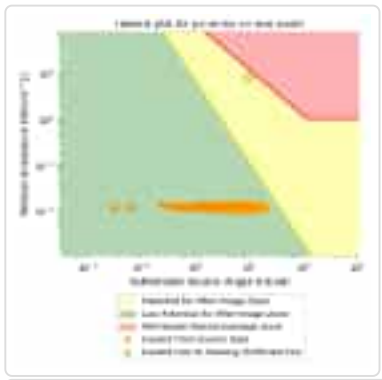
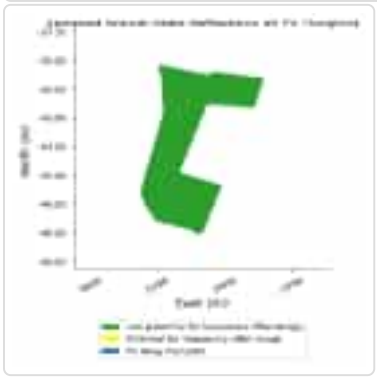
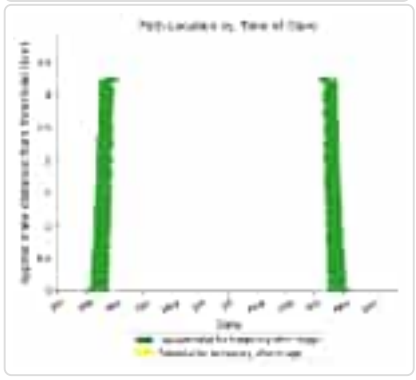
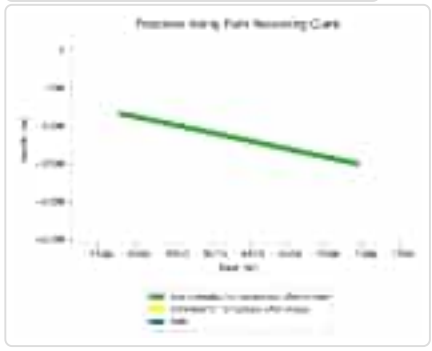
PV array 14: South Scarle RW 28

No glare found

PV array 14: South Scarle RWY 10

PV array is expected to produce the following glare for this receptor:

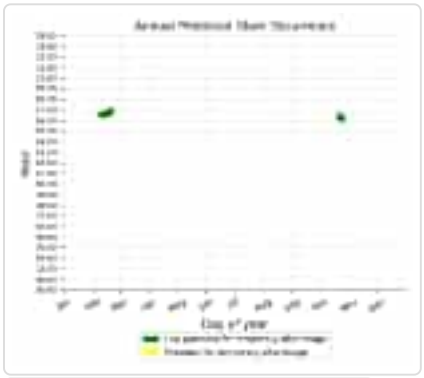
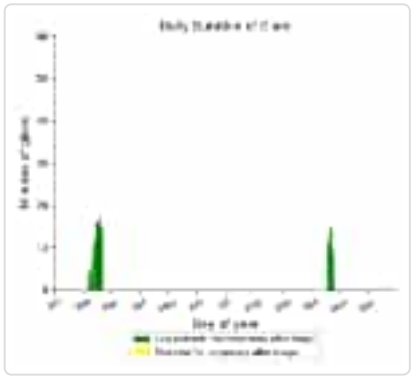
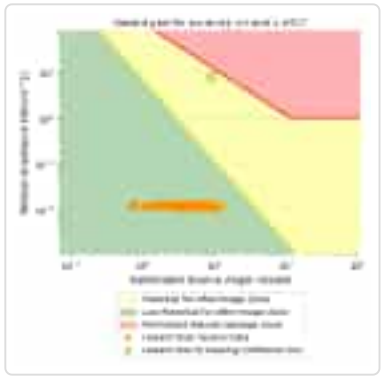
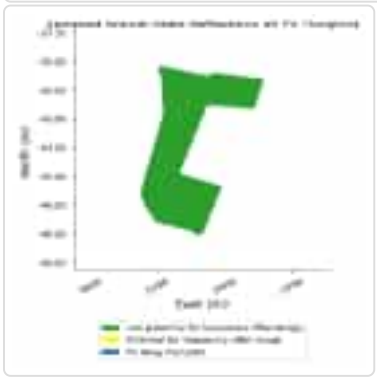
- 827 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 14: 1-ATCT

PV array is expected to produce the following glare for this receptor:

- 249 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 15 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)

FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	806	0
FP: Peacocks Farm RWY 06	909	98
FP: Peacocks Farm RWY 24	2069	0
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	1170	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	958	0
FP: South Hykeham RWY 31	0	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	838	0
OP: 1-ATCT	76	0

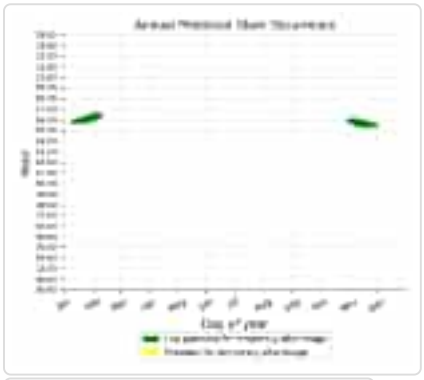
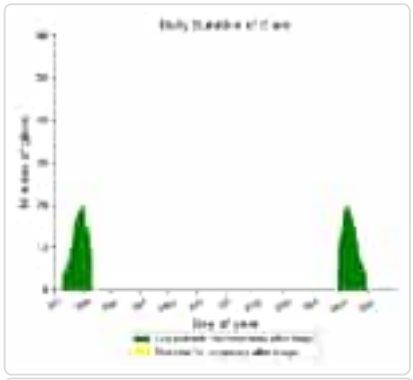
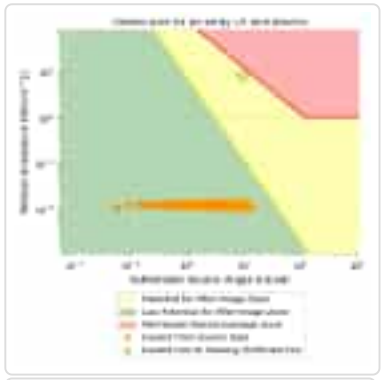
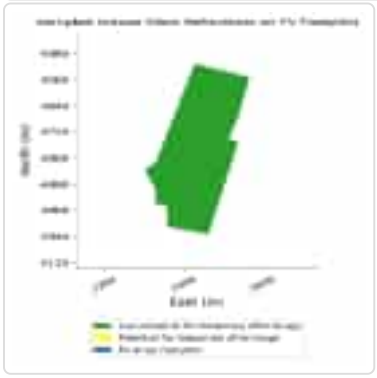
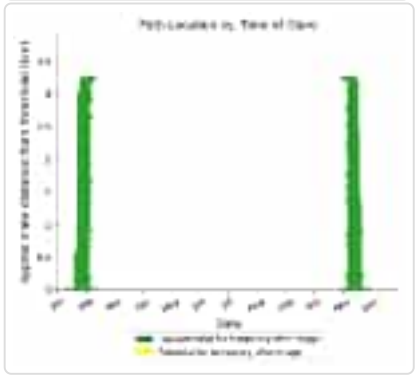
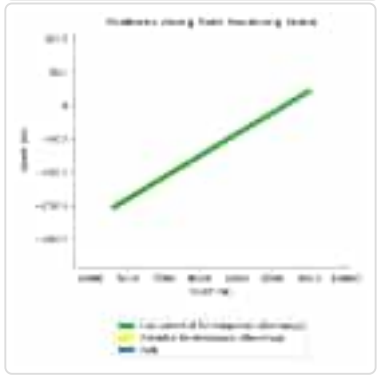
PV array 15: Blackmoor Farm RWY 06

No glare found

PV array 15: Blackmoor Farm RWY 24

PV array is expected to produce the following glare for this receptor:

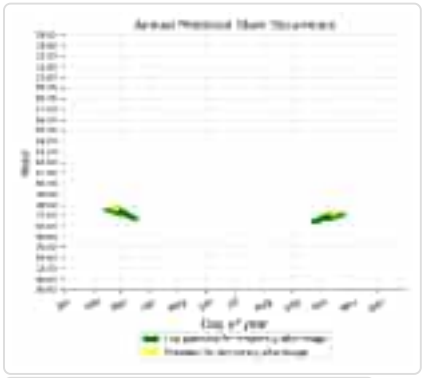
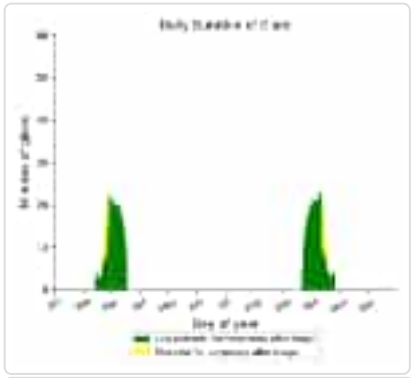
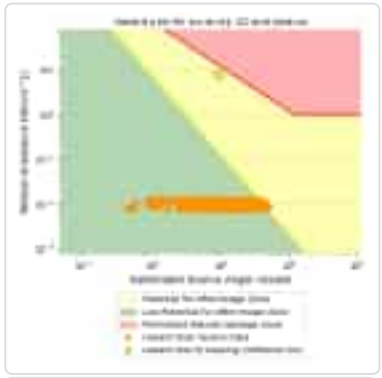
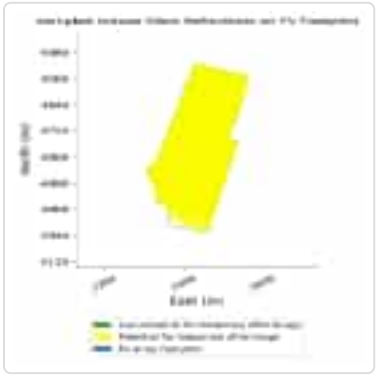
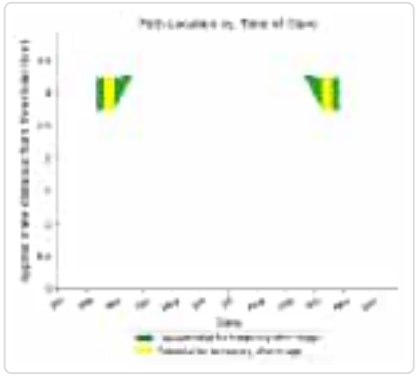
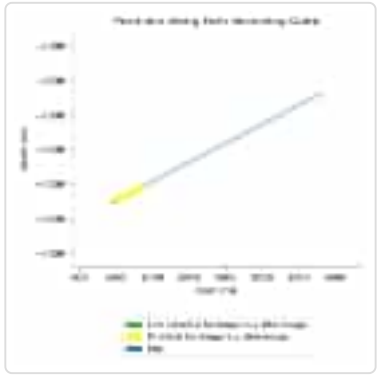
- 806 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 15: Peacocks Farm RWY 06

PV array is expected to produce the following glare for this receptor:

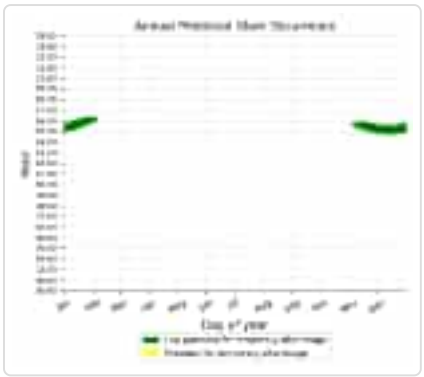
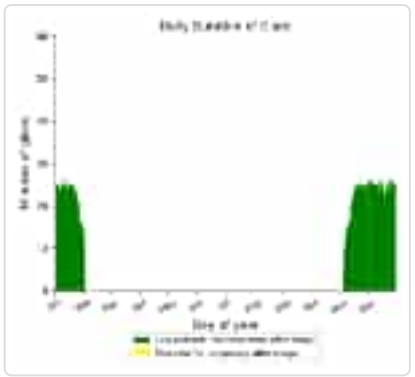
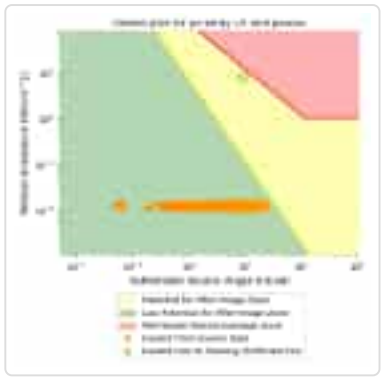
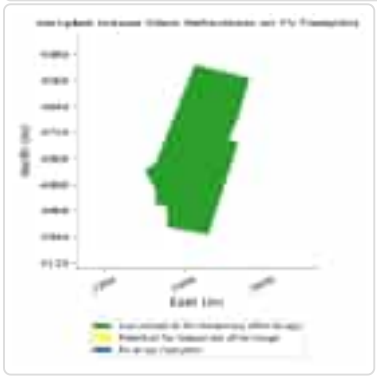
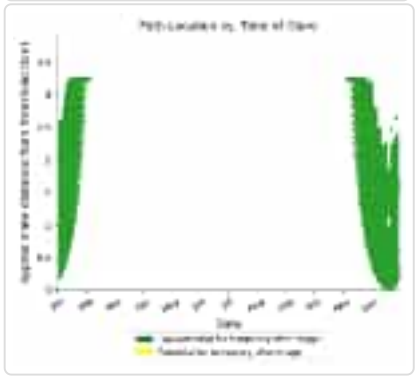
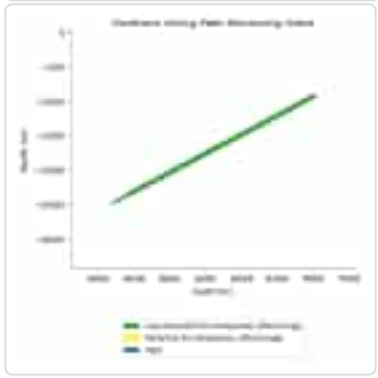
- 909 minutes of "green" glare with low potential to cause temporary after-image.
- 98 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 15: Peacocks Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 2,069 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

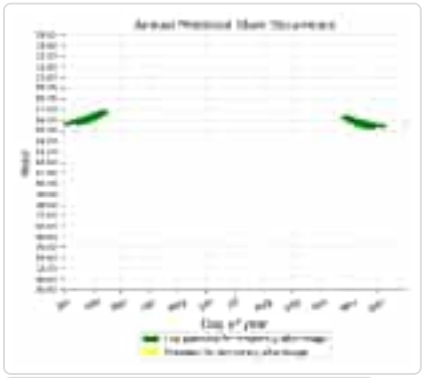
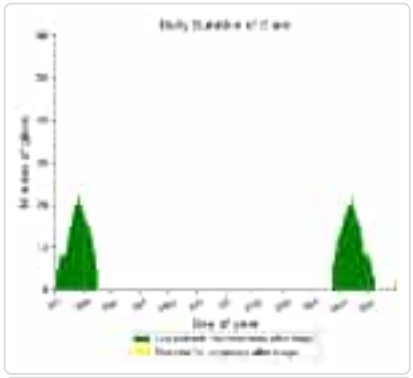
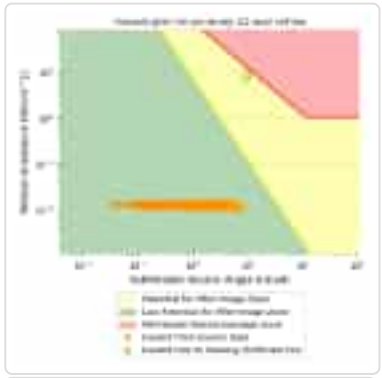
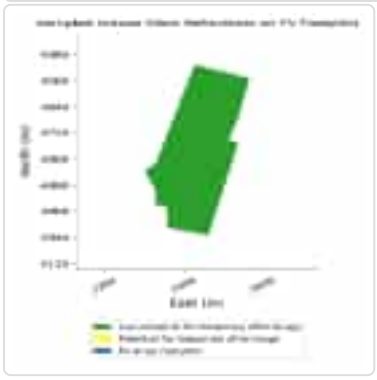
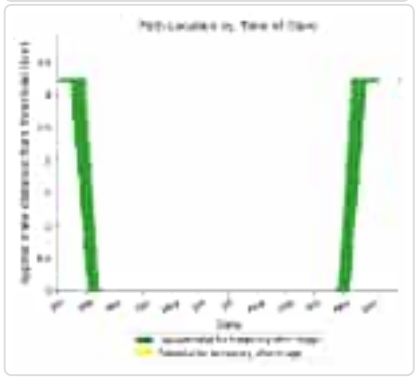
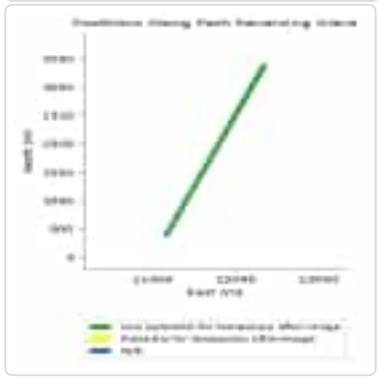
PV array 15: RAF Waddington RWY 02

No glare found

PV array 15: RAF Waddington RWY 20

PV array is expected to produce the following glare for this receptor:

- 1,170 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 15: South Hykeham RWY 10

No glare found

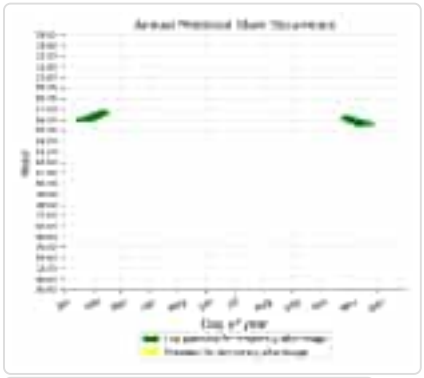
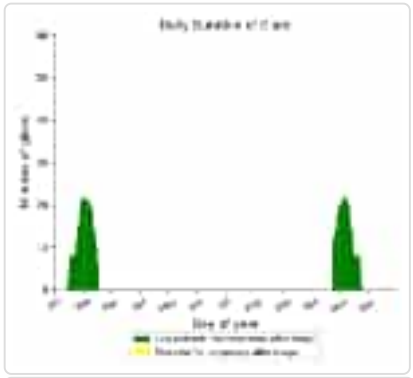
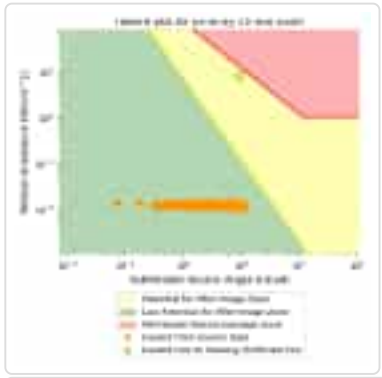
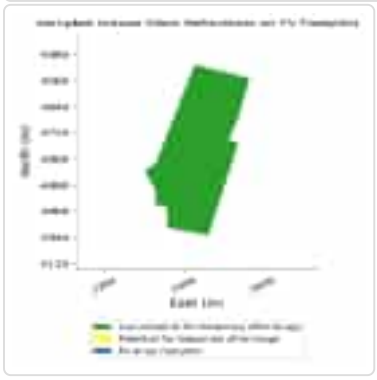
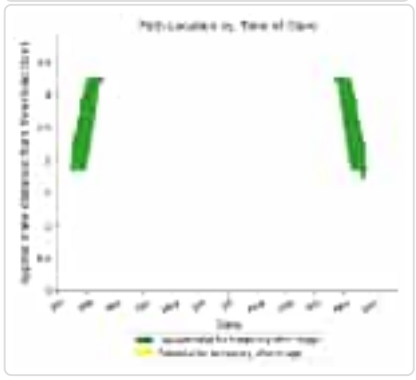
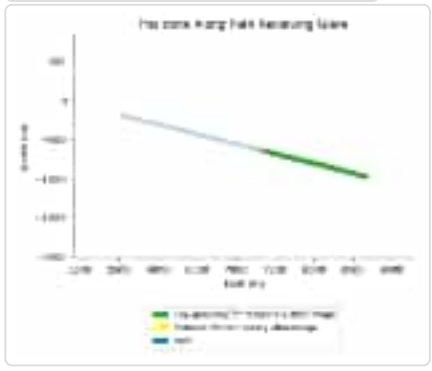
PV array 15: South Hykeham RWY 13

No glare found

PV array 15: South Hykeham RWY 28

PV array is expected to produce the following glare for this receptor:

- 958 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 15: South Hykeham RWY 31

No glare found

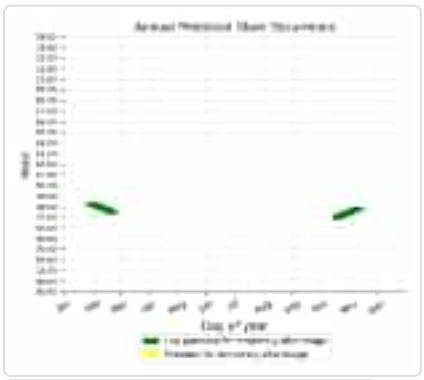
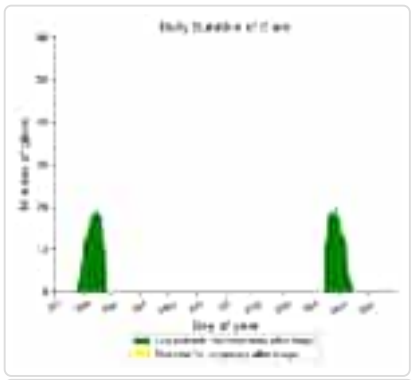
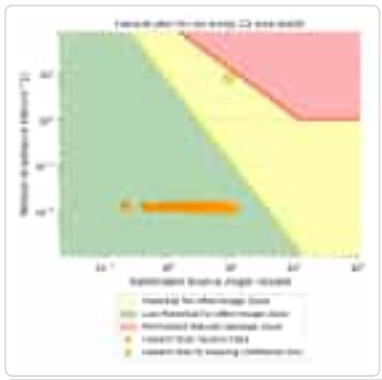
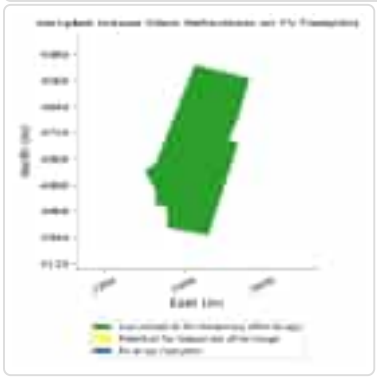
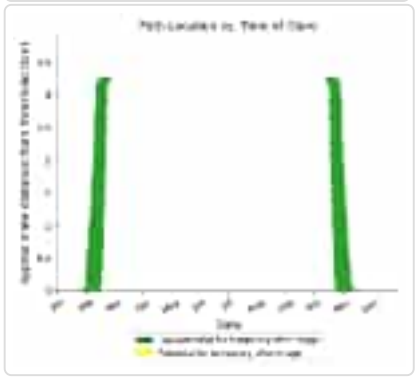
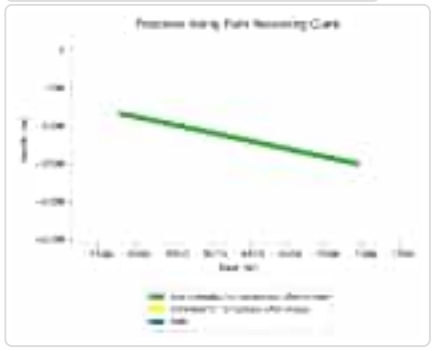
PV array 15: South Scarle RW 28

No glare found

PV array 15: South Scarle RWY 10

PV array is expected to produce the following glare for this receptor:

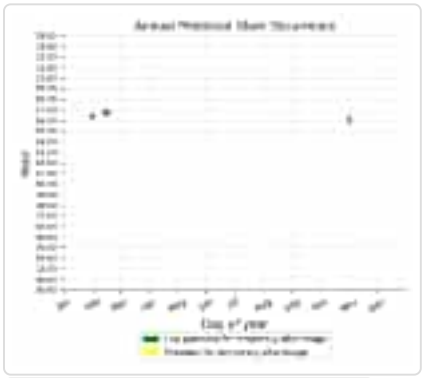
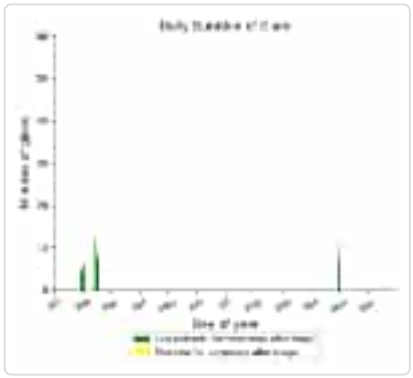
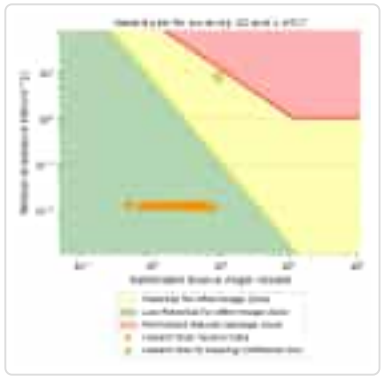
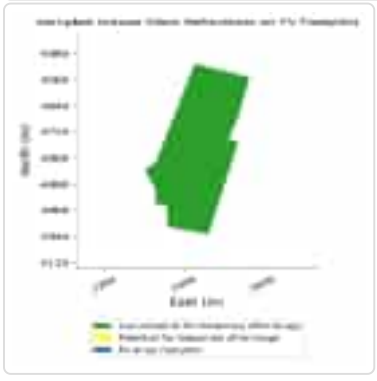
- 838 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 15: 1-ATCT

PV array is expected to produce the following glare for this receptor:

- 76 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 2 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)

FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	681	0
FP: Peacocks Farm RWY 06	0	0
FP: Peacocks Farm RWY 24	719	0
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	182	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	541	0
FP: South Hykeham RWY 31	829	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	424	0
OP: 1-ATCT	0	0

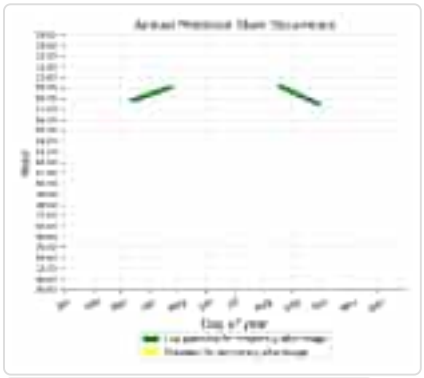
PV array 2: Blackmoor Farm RWY 06

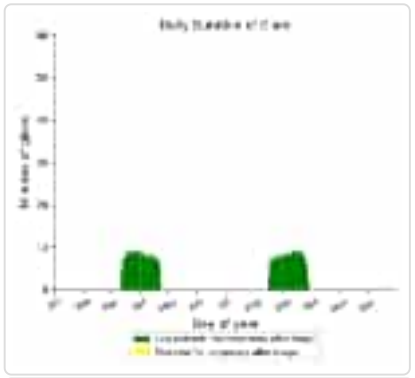
No glare found

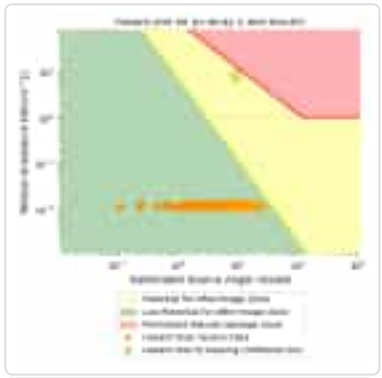
PV array 2: Blackmoor Farm RWY 24

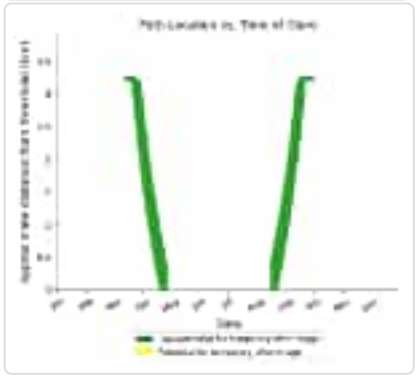
PV array is expected to produce the following glare for this receptor:

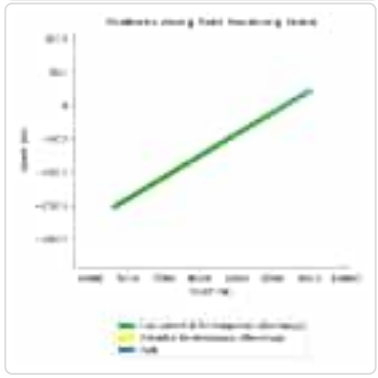
- 681 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.











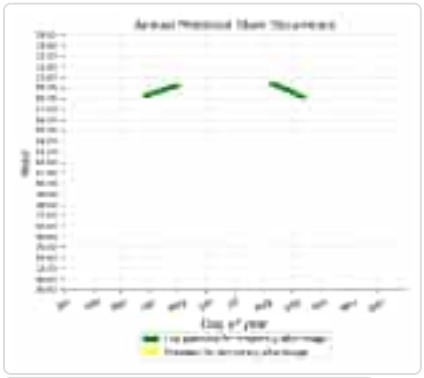
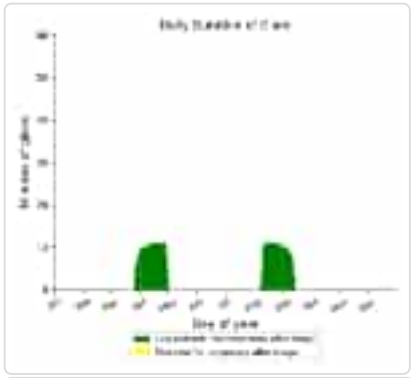
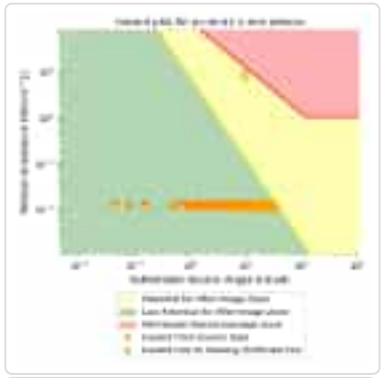
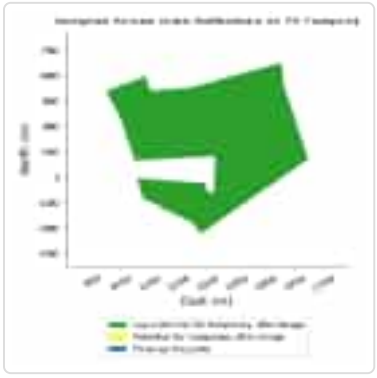
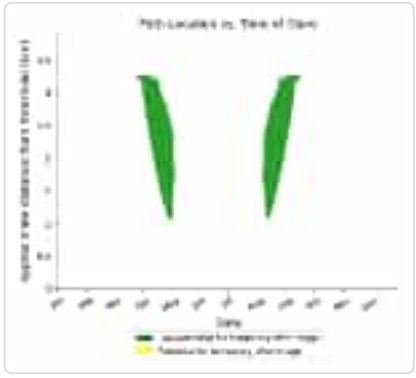
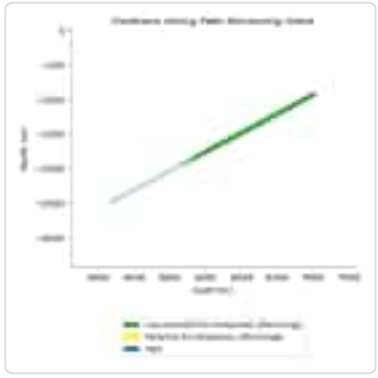
PV array 2: Peacocks Farm RWY 06

No glare found

PV array 2: Peacocks Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 719 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

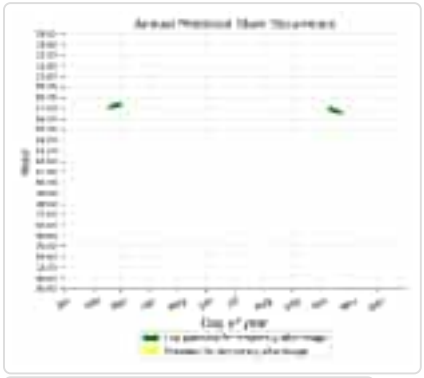
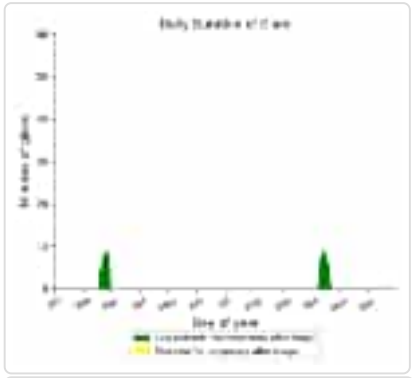
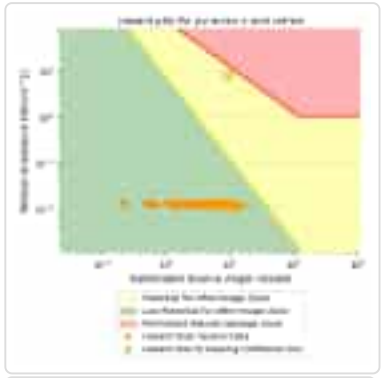
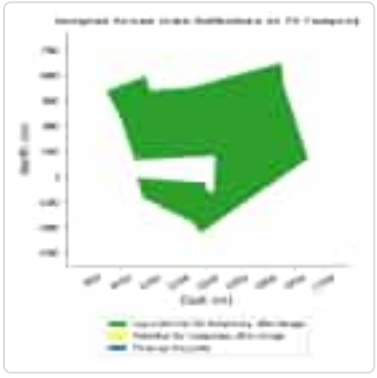
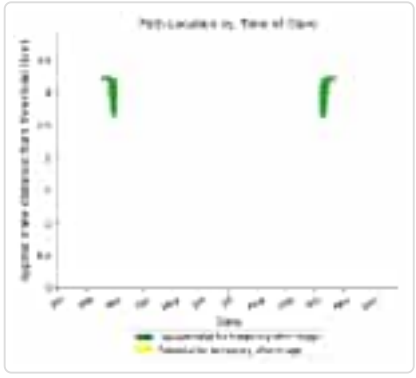
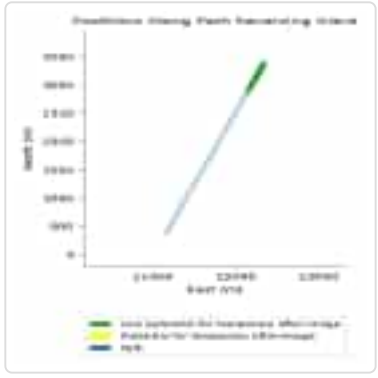
PV array 2: RAF Waddington RWY 02

No glare found

PV array 2: RAF Waddington RWY 20

PV array is expected to produce the following glare for this receptor:

- 182 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 2: South Hykeham RWY 10

No glare found

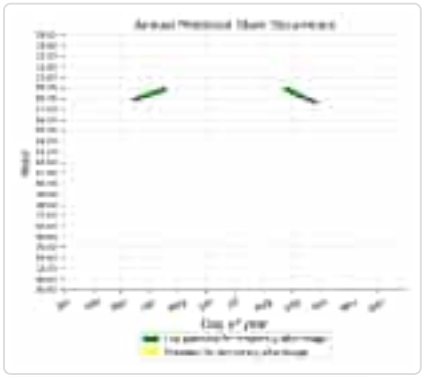
PV array 2: South Hykeham RWY 13

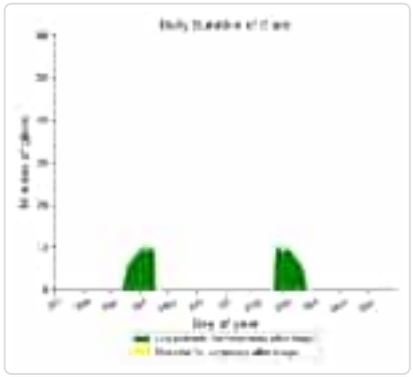
No glare found

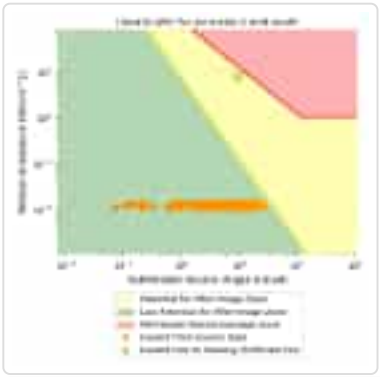
PV array 2: South Hykeham RWY 28

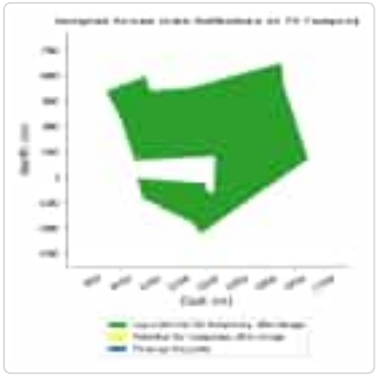
PV array is expected to produce the following glare for this receptor:

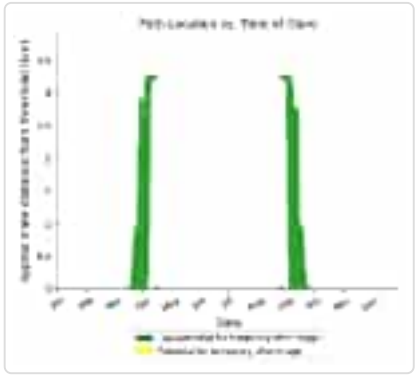
- 541 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

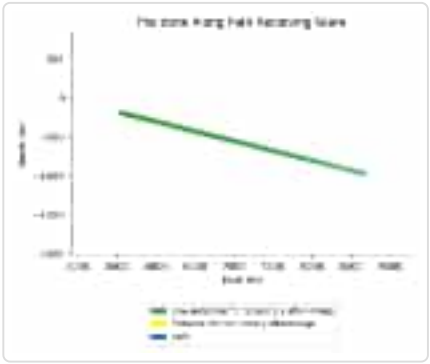








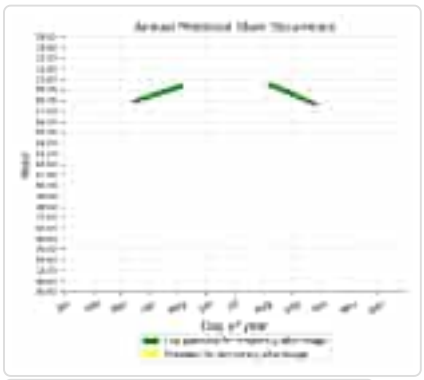
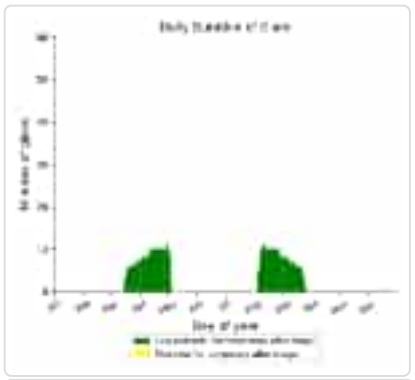
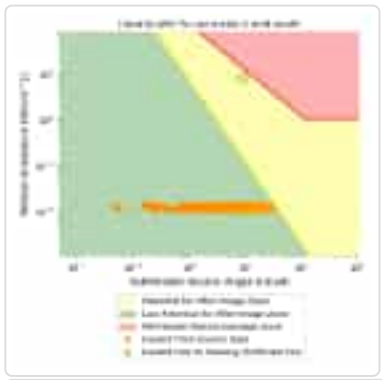
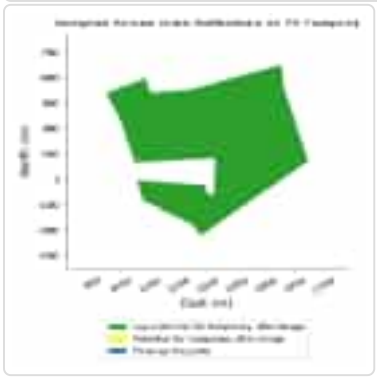
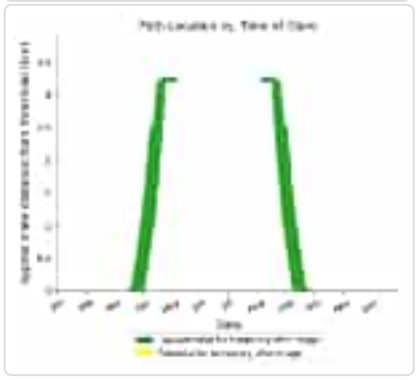
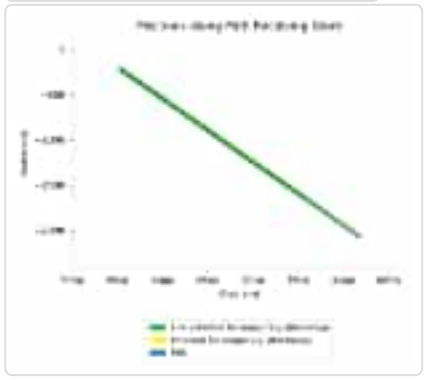




PV array 2: South Hykeham RWY 31

PV array is expected to produce the following glare for this receptor:

- 829 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

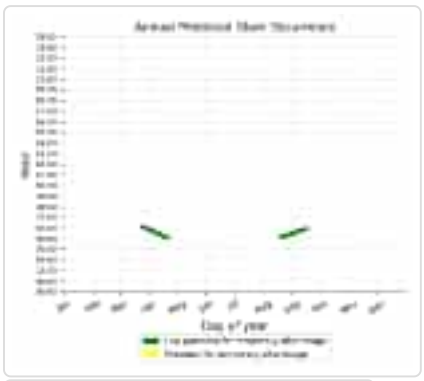
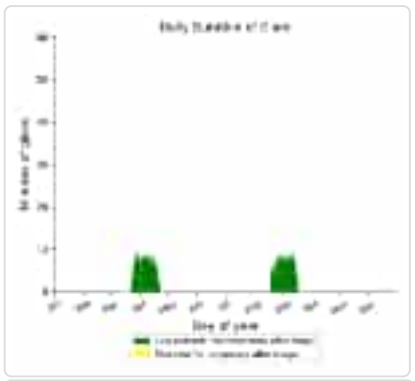
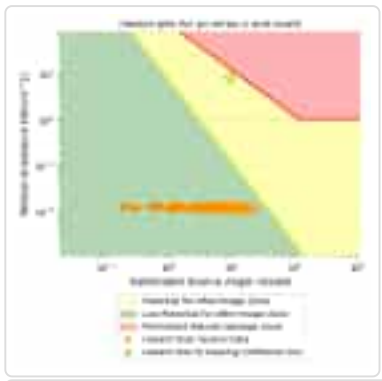
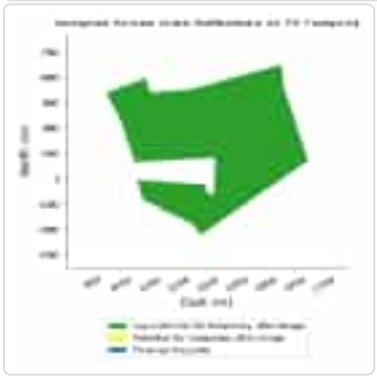
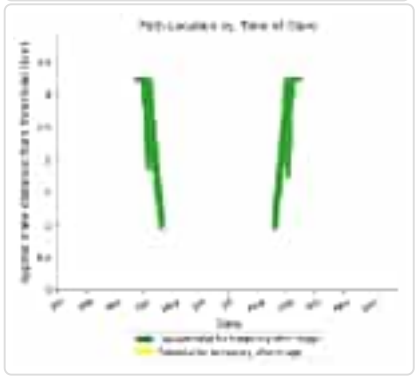
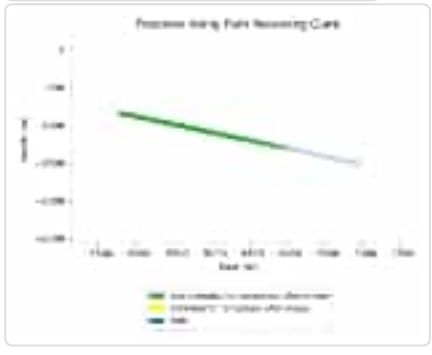
PV array 2: South Scarle RW 28

No glare found

PV array 2: South Scarle RWY 10

PV array is expected to produce the following glare for this receptor:

- 424 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 2: 1-ATCT

No glare found

PV array 3 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	397	0
FP: Peacocks Farm RWY 06	0	0
FP: Peacocks Farm RWY 24	1206	0
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	32	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	434	0
FP: South Hykeham RWY 31	675	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	607	0
OP: 1-ATCT	0	0

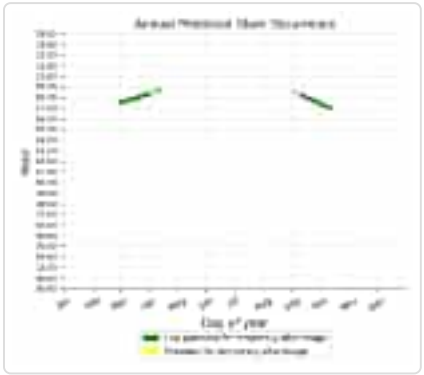
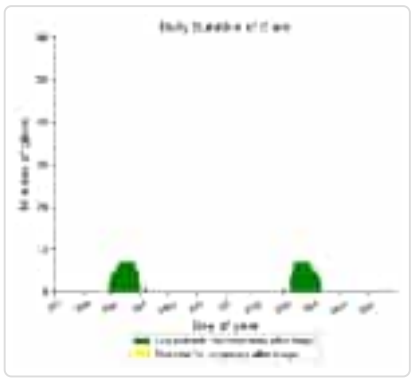
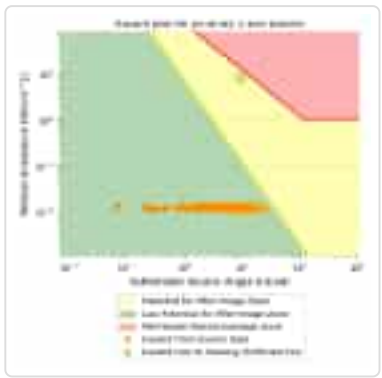
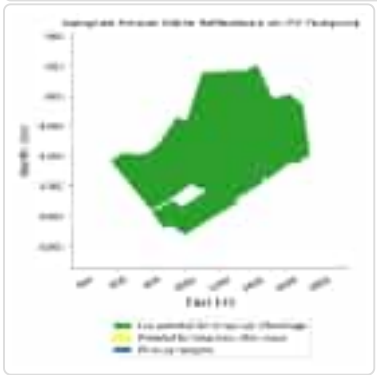
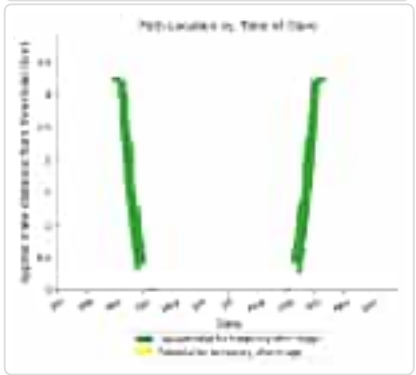
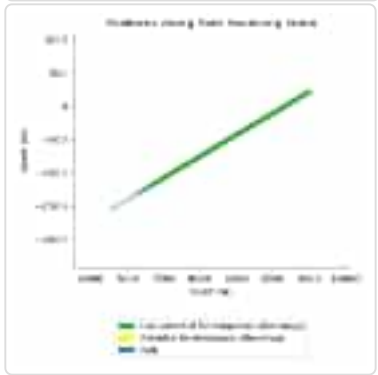
PV array 3: Blackmoor Farm RWY 06

No glare found

PV array 3: Blackmoor Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 397 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

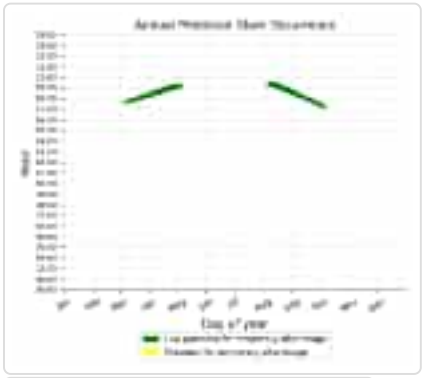
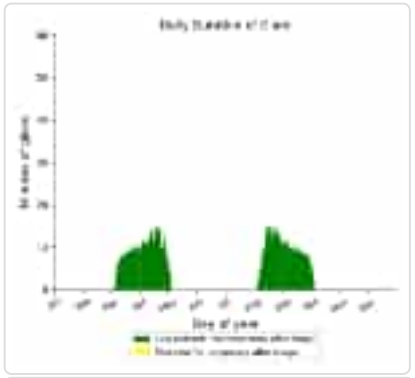
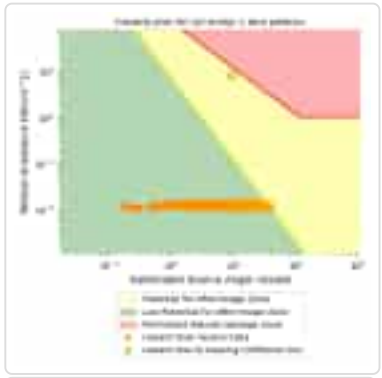
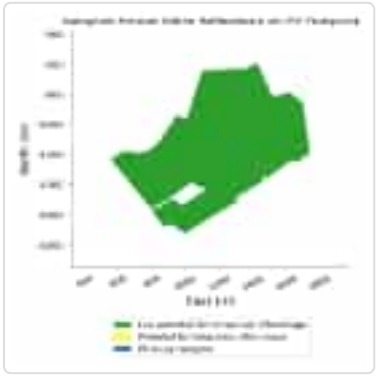
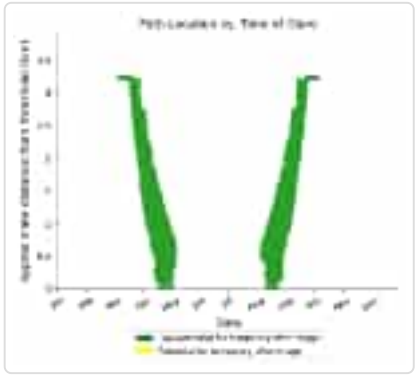
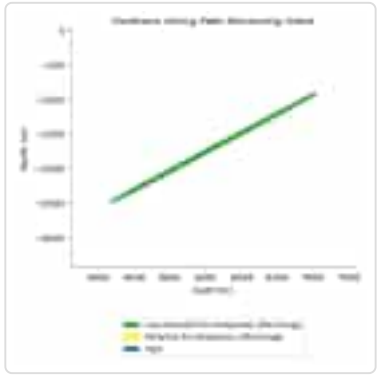
PV array 3: Peacocks Farm RWY 06

No glare found

PV array 3: Peacocks Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 1,206 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

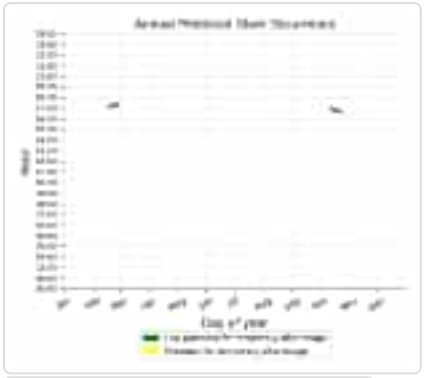
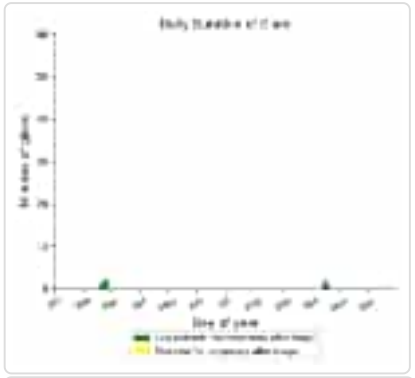
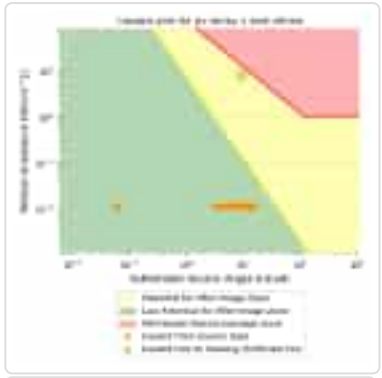
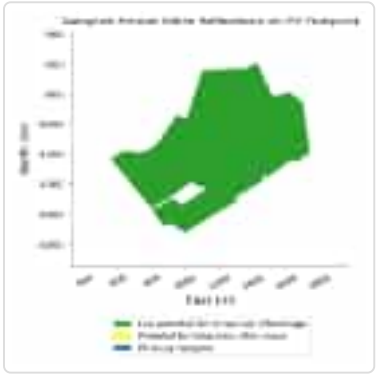
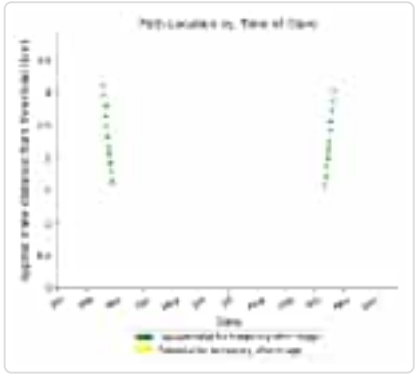
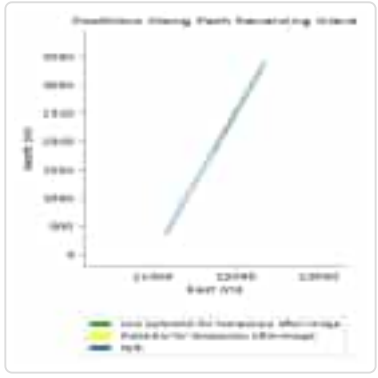
PV array 3: RAF Waddington RWY 02

No glare found

PV array 3: RAF Waddington RWY 20

PV array is expected to produce the following glare for this receptor:

- 32 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 3: South Hykeham RWY 10

No glare found

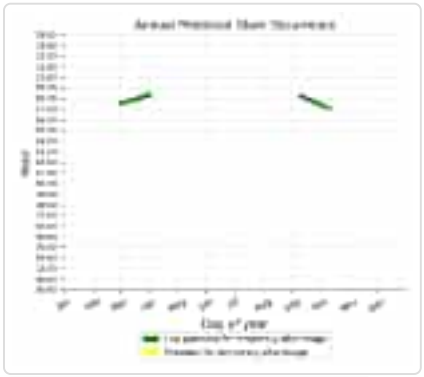
PV array 3: South Hykeham RWY 13

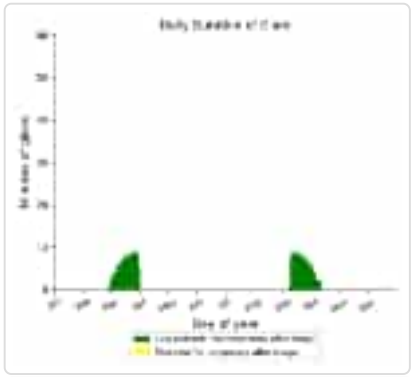
No glare found

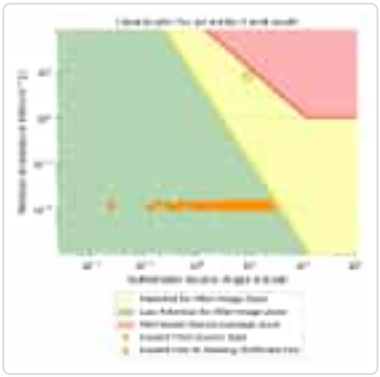
PV array 3: South Hykeham RWY 28

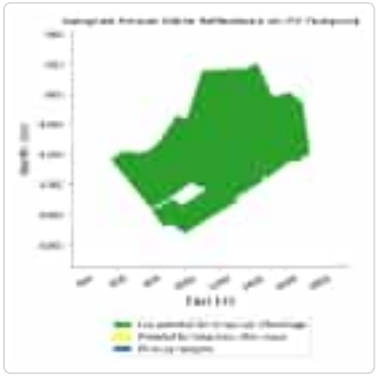
PV array is expected to produce the following glare for this receptor:

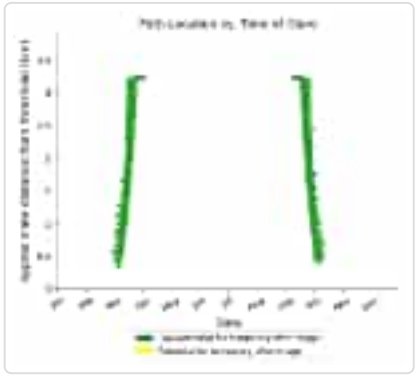
- 434 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

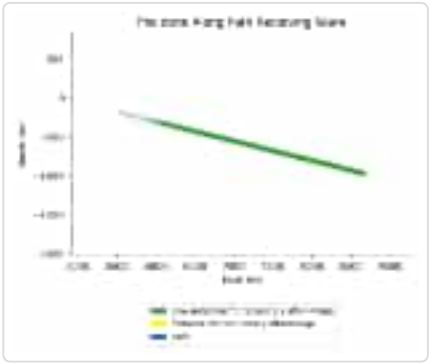








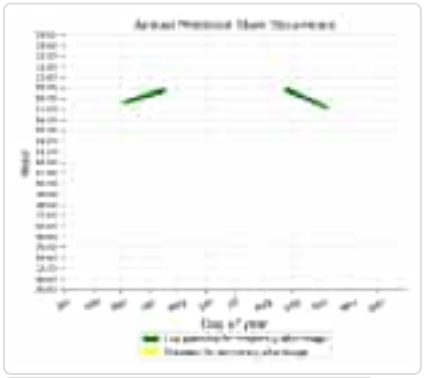
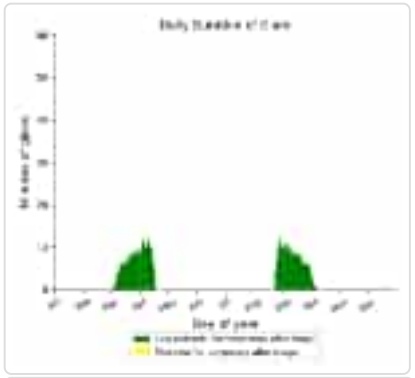
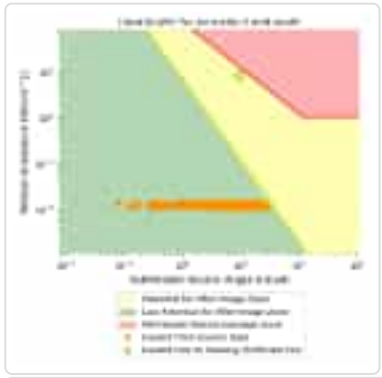
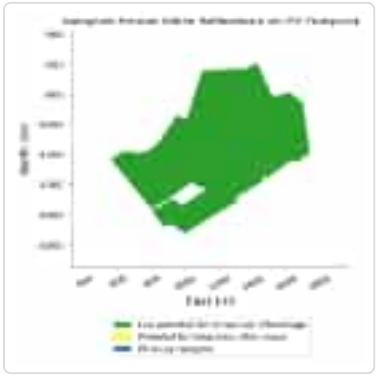
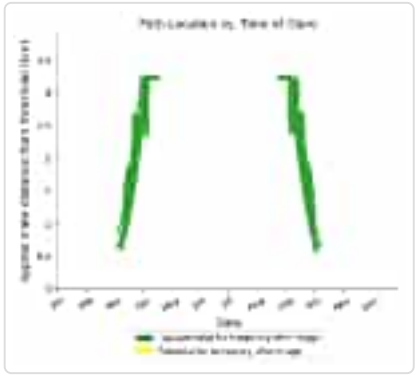
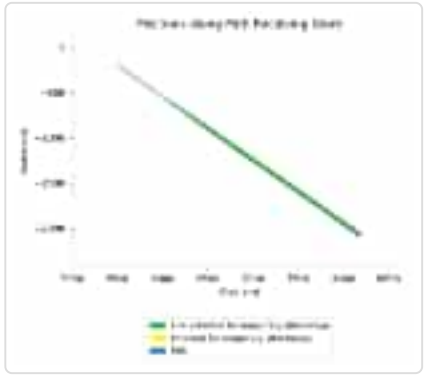




PV array 3: South Hykeham RWY 31

PV array is expected to produce the following glare for this receptor:

- 675 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

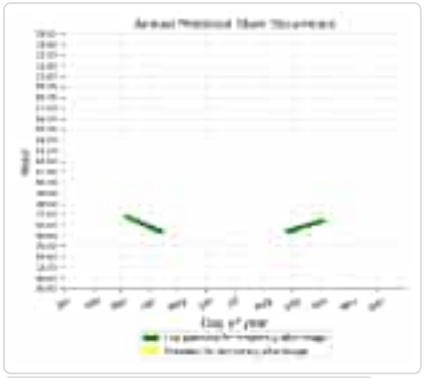
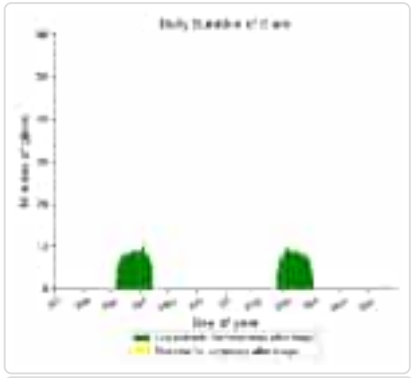
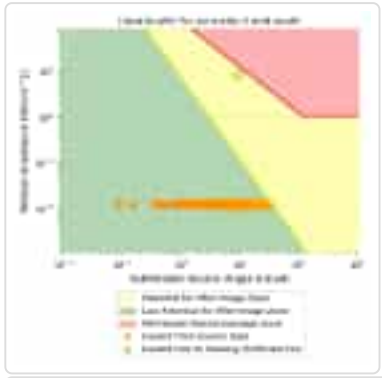
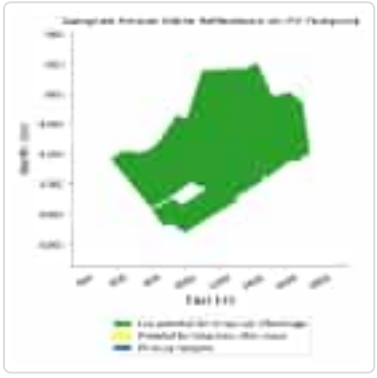
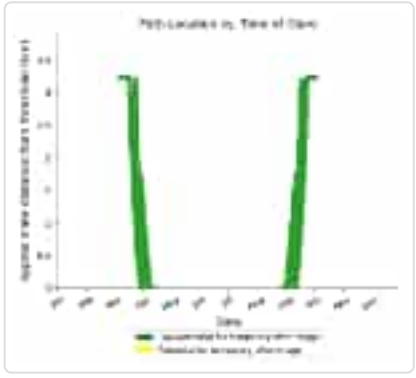
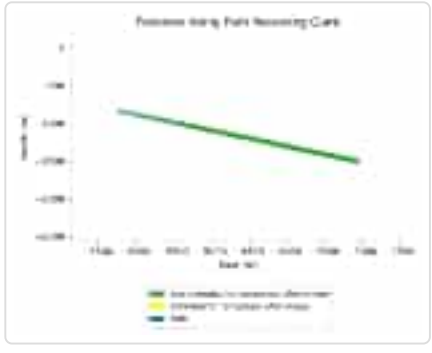
PV array 3: South Scarle RW 28

No glare found

PV array 3: South Scarle RWY 10

PV array is expected to produce the following glare for this receptor:

- 607 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 3: 1-ATCT

No glare found

PV array 4 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	653	0
FP: Peacocks Farm RWY 06	0	0
FP: Peacocks Farm RWY 24	478	0
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	651	0
FP: South Hykeham RWY 10	3014	2449
FP: South Hykeham RWY 13	2582	1468
FP: South Hykeham RWY 28	710	5
FP: South Hykeham RWY 31	650	5
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	312	0
OP: 1-ATCT	34	0

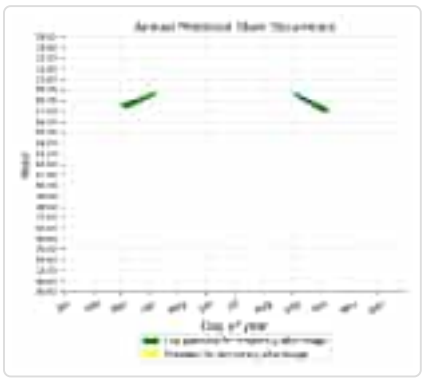
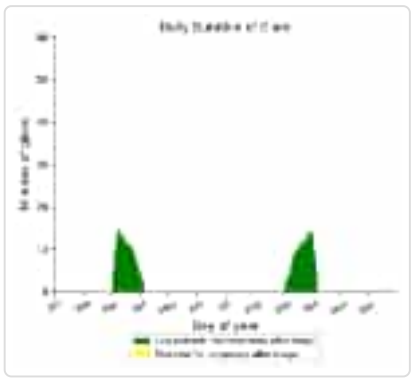
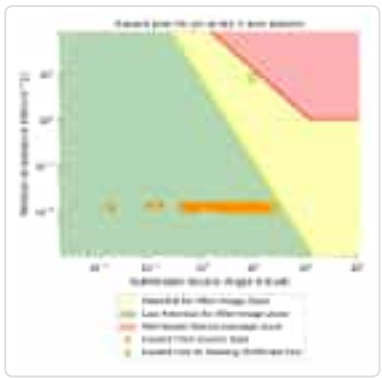
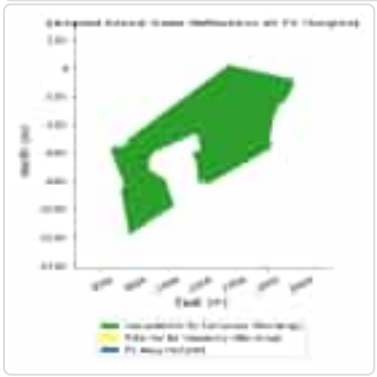
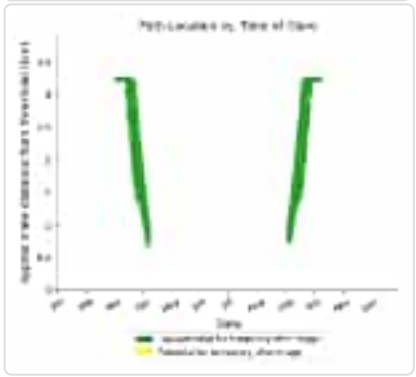
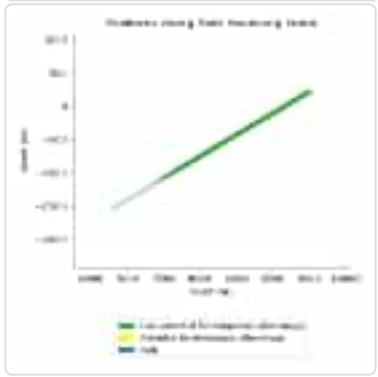
PV array 4: Blackmoor Farm RWY 06

No glare found

PV array 4: Blackmoor Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 653 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

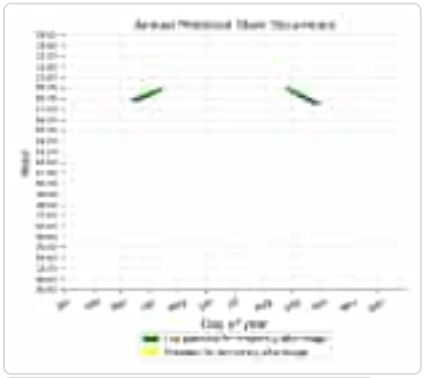
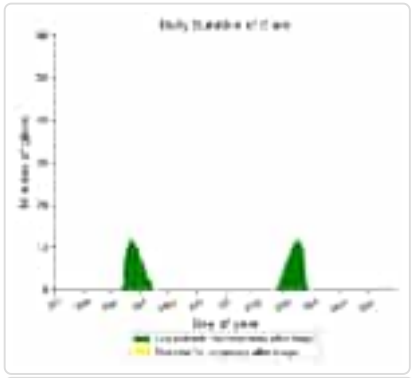
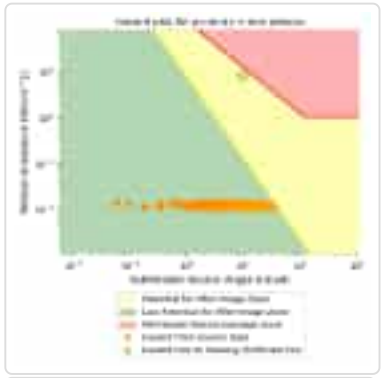
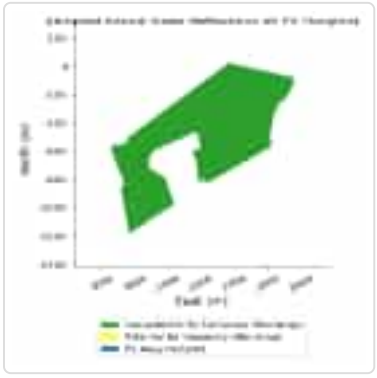
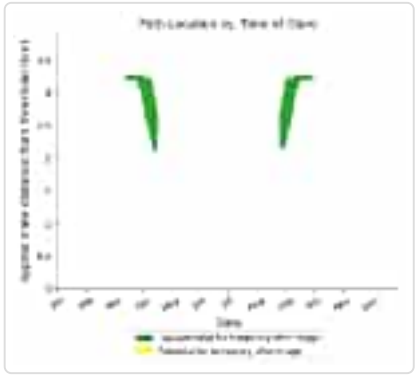
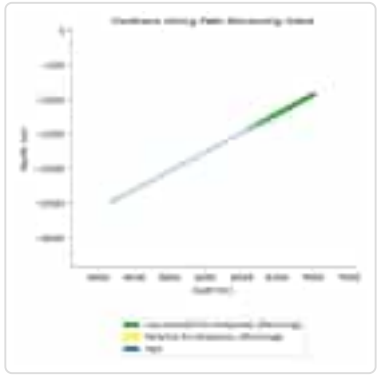
PV array 4: Peacocks Farm RWY 06

No glare found

PV array 4: Peacocks Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 478 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

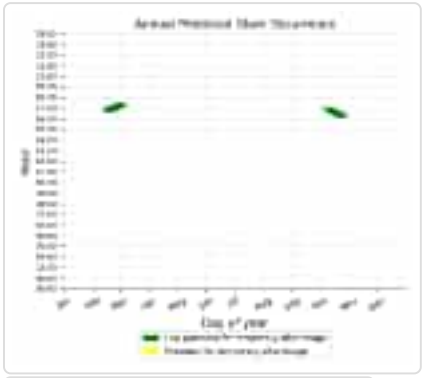
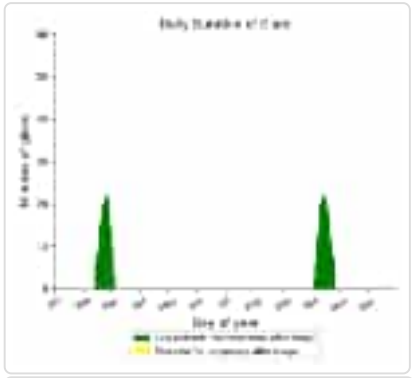
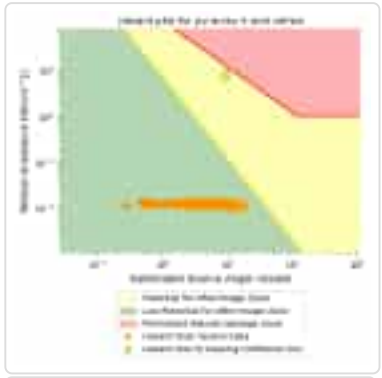
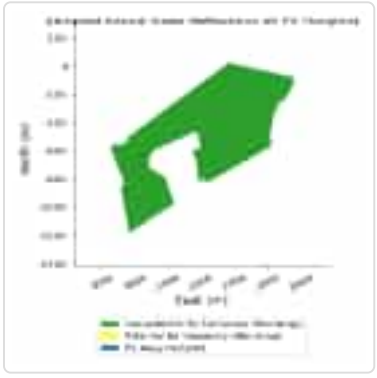
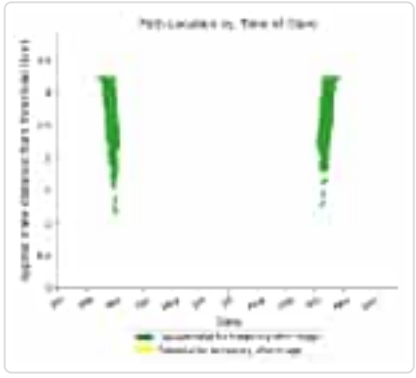
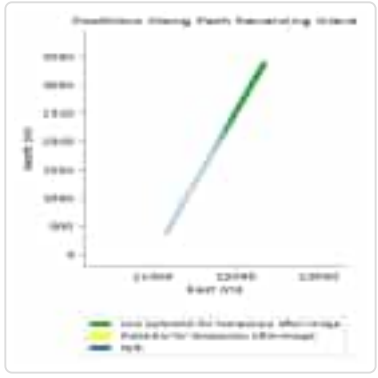
PV array 4: RAF Waddington RWY 02

No glare found

PV array 4: RAF Waddington RWY 20

PV array is expected to produce the following glare for this receptor:

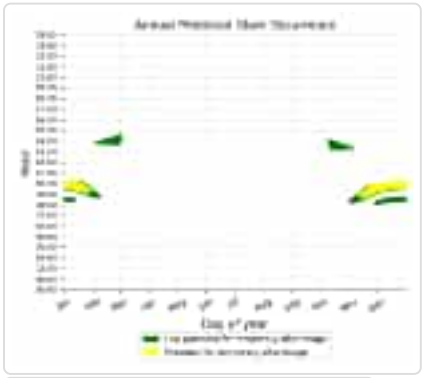
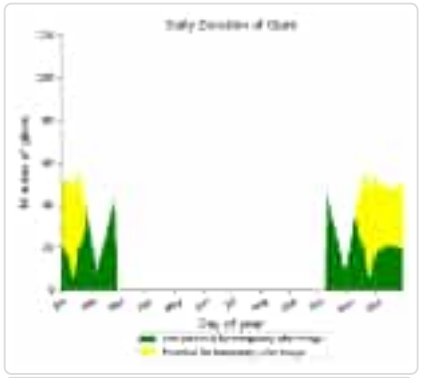
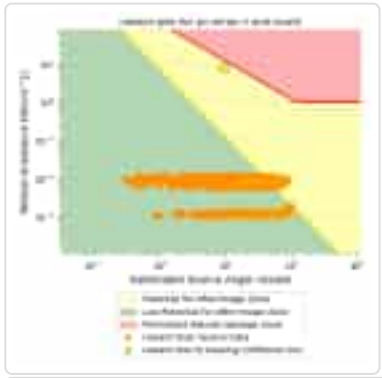
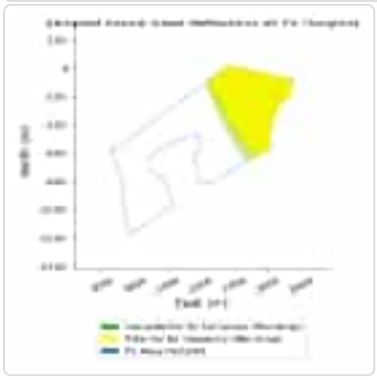
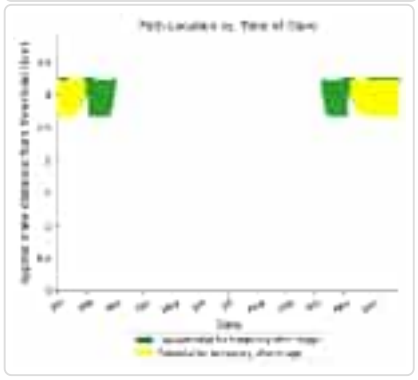
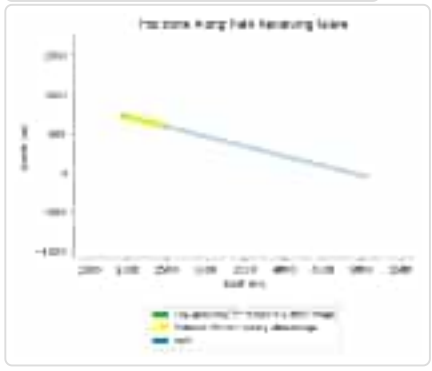
- 651 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 4: South Hykeham RWY 10

PV array is expected to produce the following glare for this receptor:

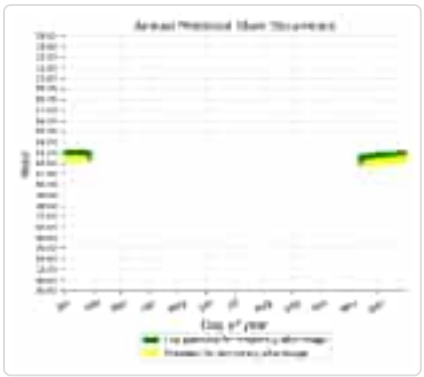
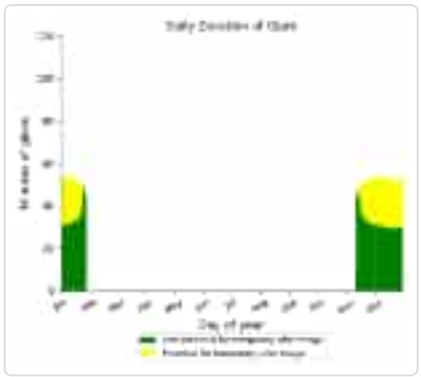
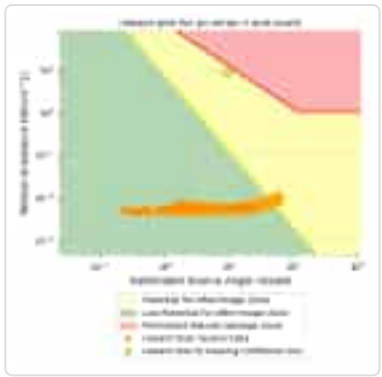
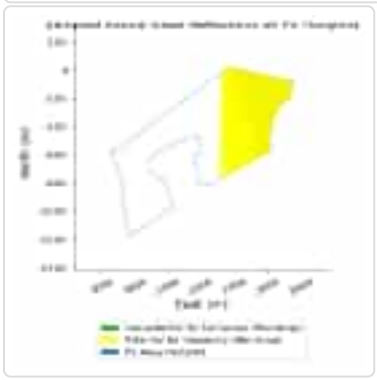
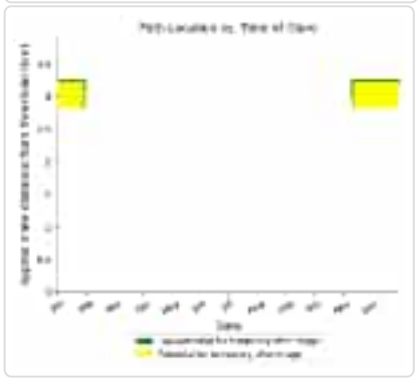
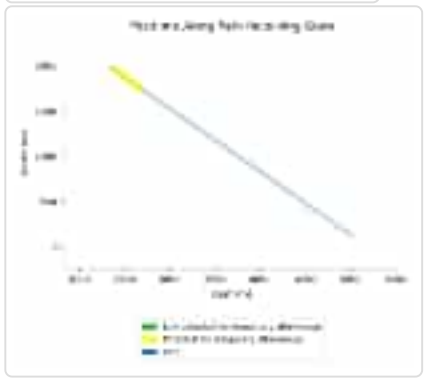
- 3,014 minutes of "green" glare with low potential to cause temporary after-image.
- 2,449 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 4: South Hykeham RWY 13

PV array is expected to produce the following glare for this receptor:

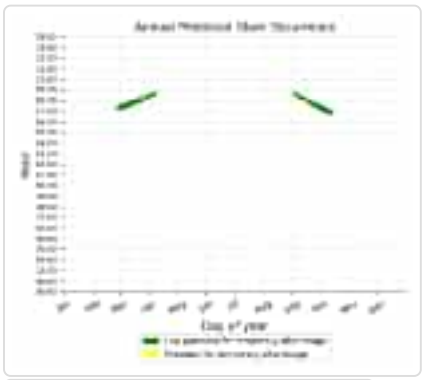
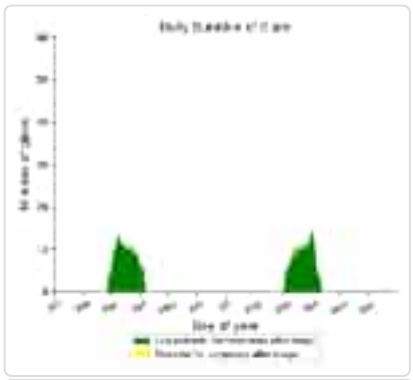
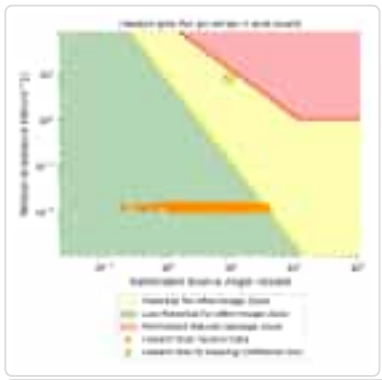
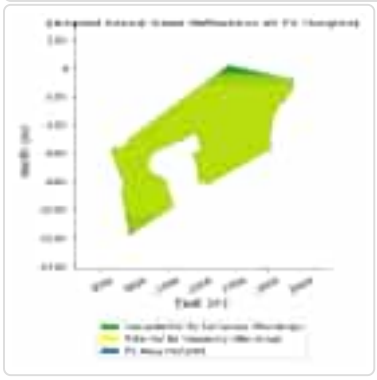
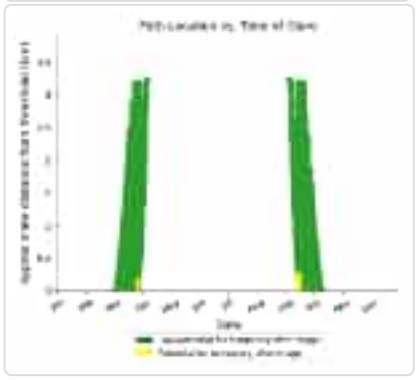
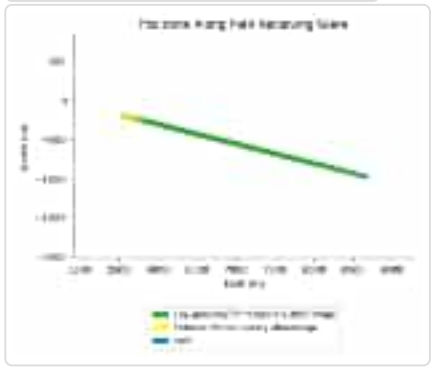
- 2,582 minutes of "green" glare with low potential to cause temporary after-image.
- 1,468 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 4: South Hykeham RWY 28

PV array is expected to produce the following glare for this receptor:

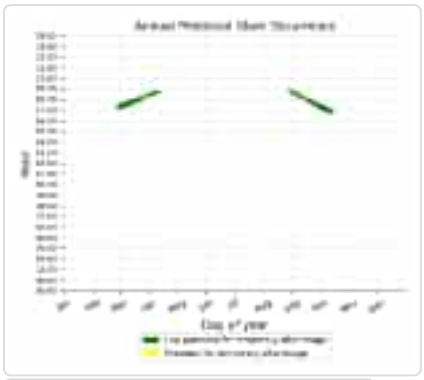
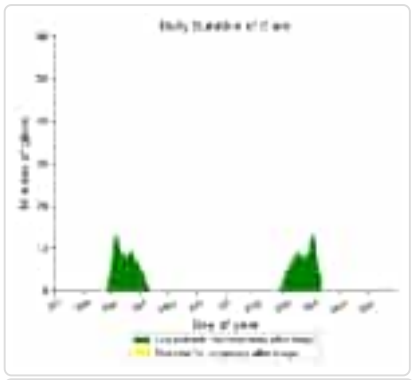
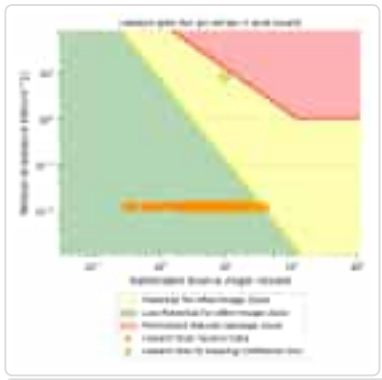
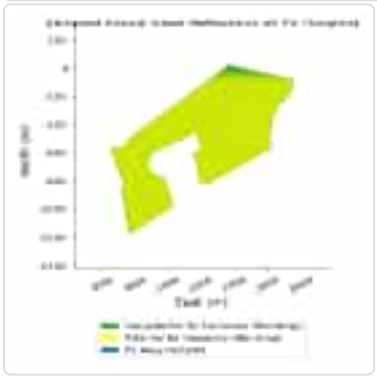
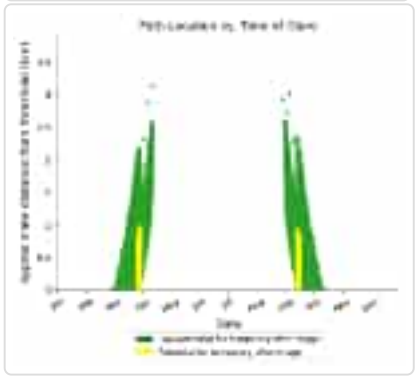
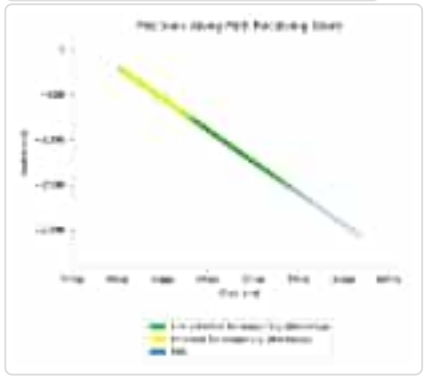
- 710 minutes of "green" glare with low potential to cause temporary after-image.
- 5 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 4: South Hykeham RWY 31

PV array is expected to produce the following glare for this receptor:

- 650 minutes of "green" glare with low potential to cause temporary after-image.
- 5 minutes of "yellow" glare with potential to cause temporary after-image.

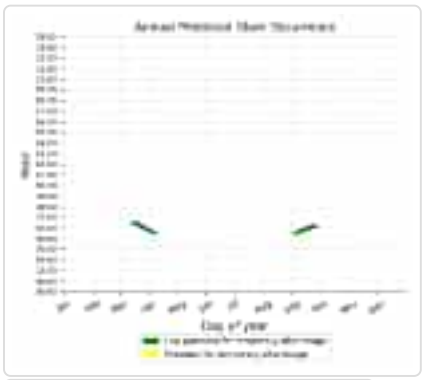
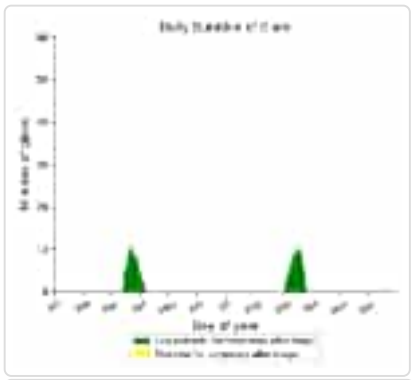
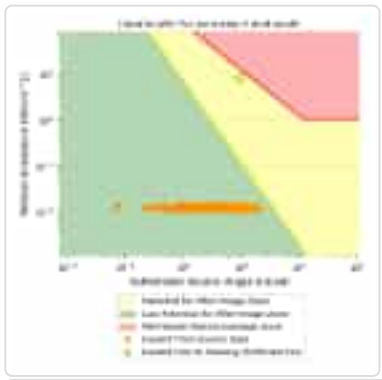
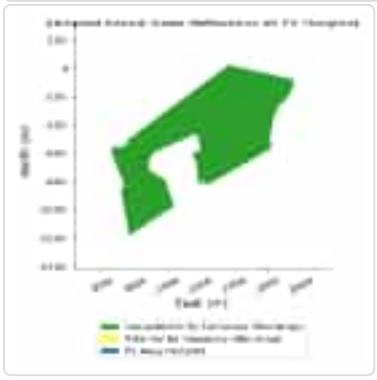
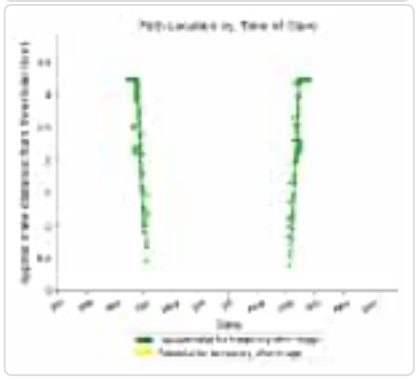
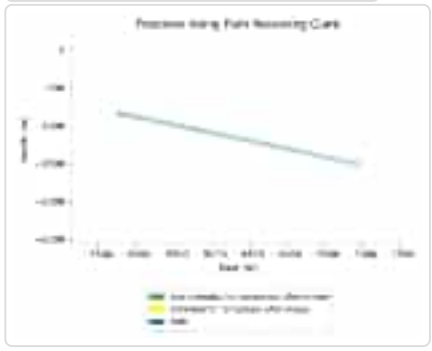
PV array 4: South Scarle RW 28

No glare found

PV array 4: South Scarle RWY 10

PV array is expected to produce the following glare for this receptor:

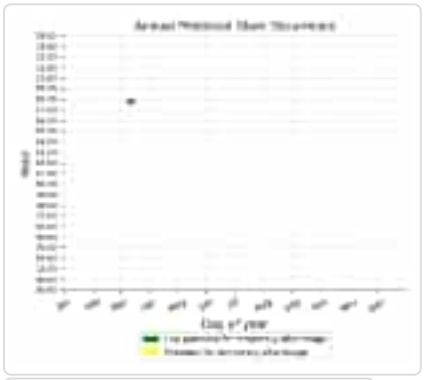
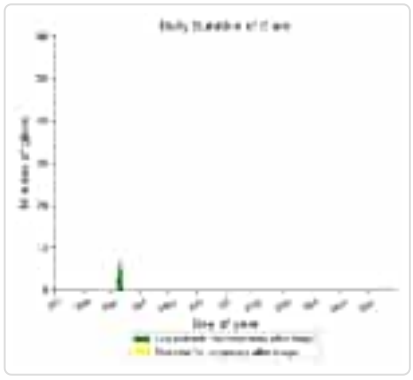
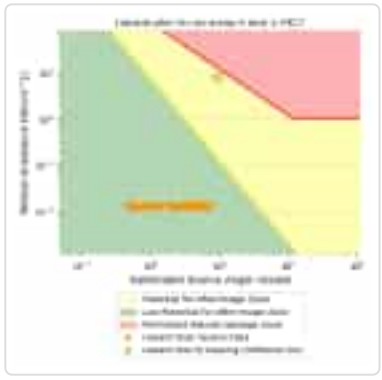
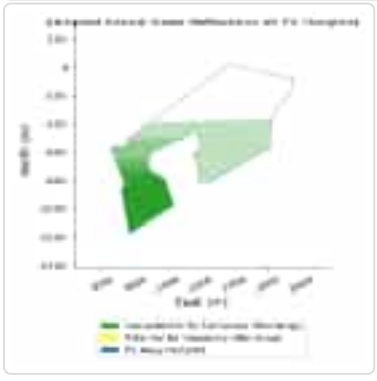
- 312 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 4: 1-ATCT

PV array is expected to produce the following glare for this receptor:

- 34 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 5 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)

FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	268	0
FP: Peacocks Farm RWY 06	0	0
FP: Peacocks Farm RWY 24	736	0
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	0	0
FP: South Hykeham RWY 10	10224	3449
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	342	0
FP: South Hykeham RWY 31	989	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	658	0
OP: 1-ATCT	36	0

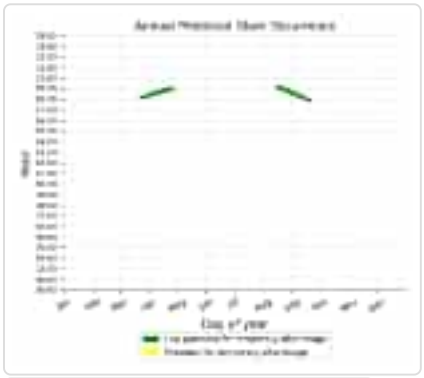
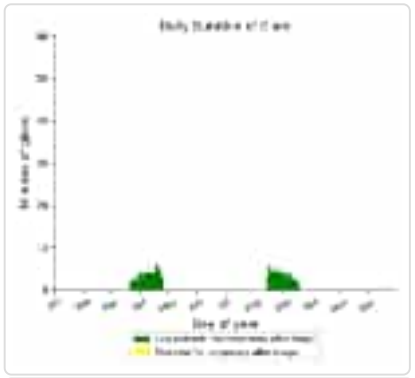
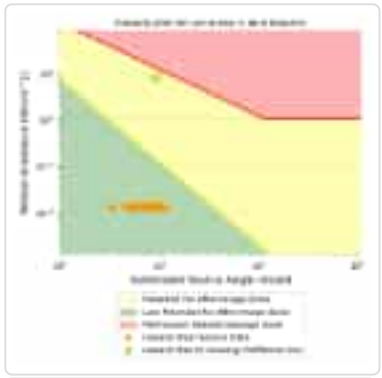
PV array 5: Blackmoor Farm RWY 06

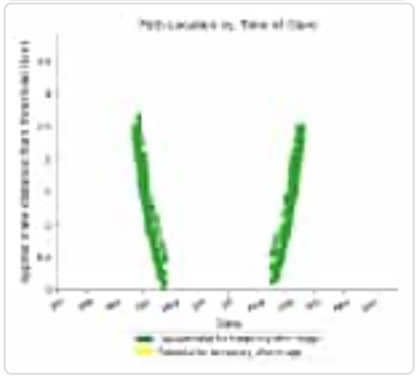
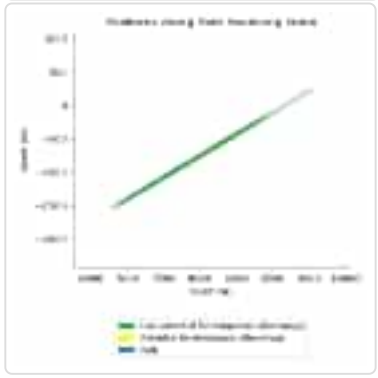
No glare found

PV array 5: Blackmoor Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 268 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

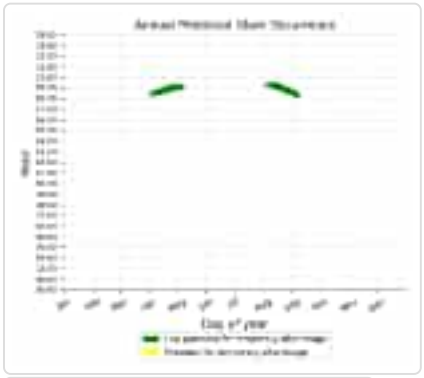
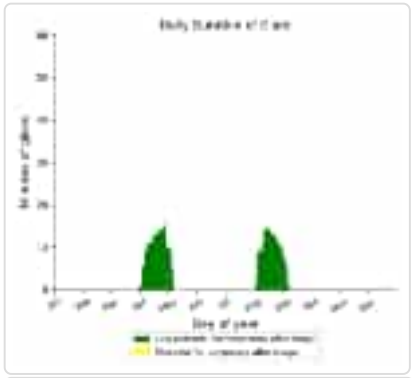
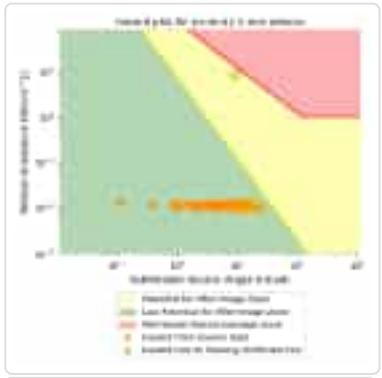
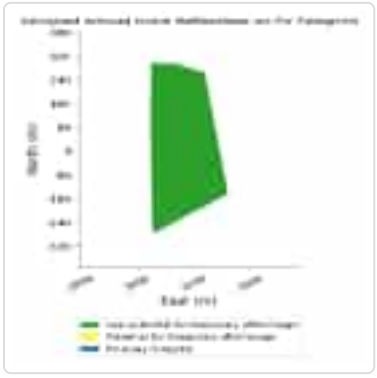
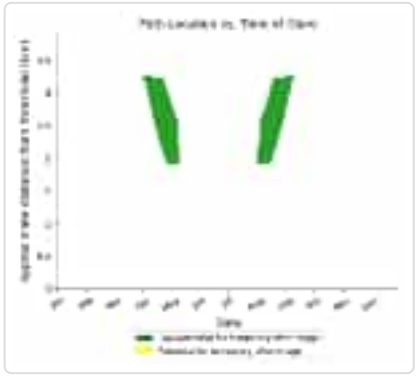
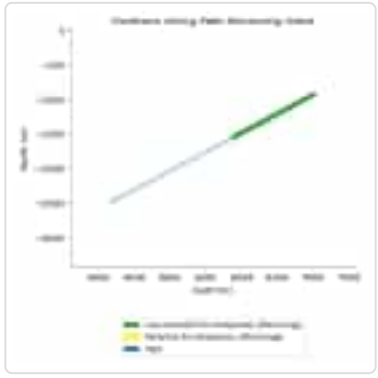
PV array 5: Peacocks Farm RWY 06

No glare found

PV array 5: Peacocks Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 736 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 5: RAF Waddington RWY 02

No glare found

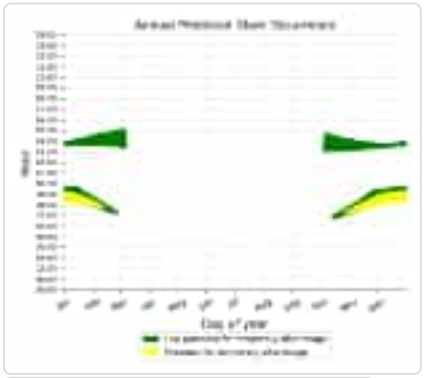
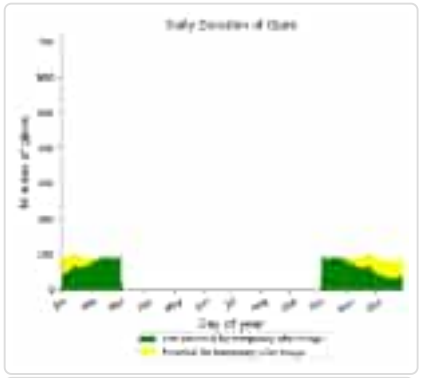
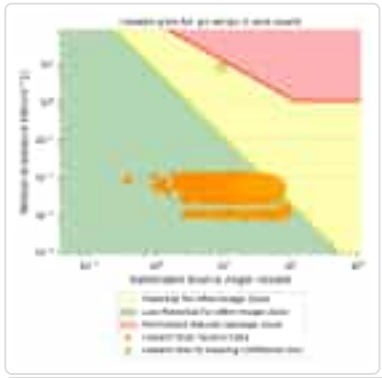
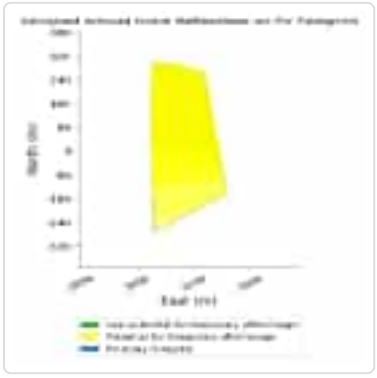
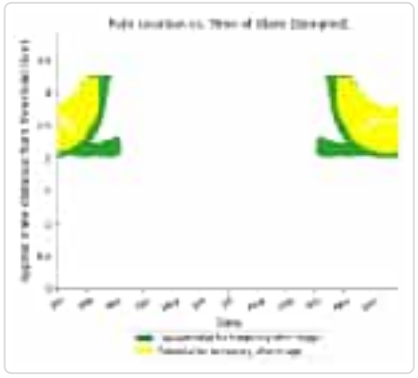
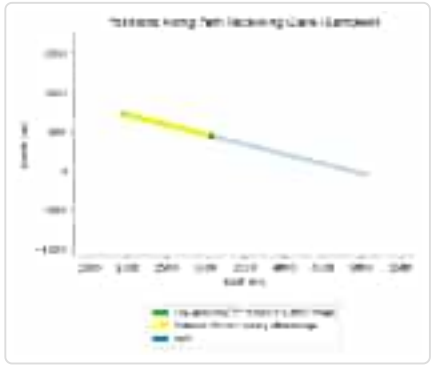
PV array 5: RAF Waddington RWY 20

No glare found

PV array 5: South Hykeham RWY 10

PV array is expected to produce the following glare for this receptor:

- 10,224 minutes of "green" glare with low potential to cause temporary after-image.
- 3,449 minutes of "yellow" glare with potential to cause temporary after-image.

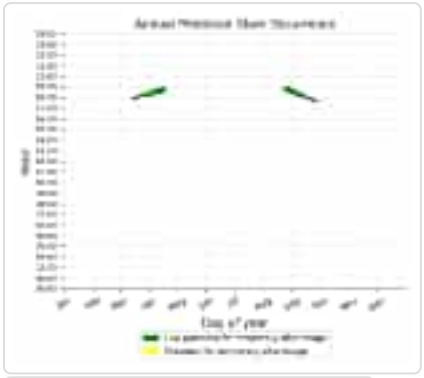
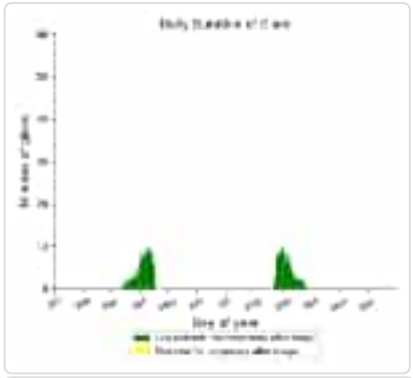
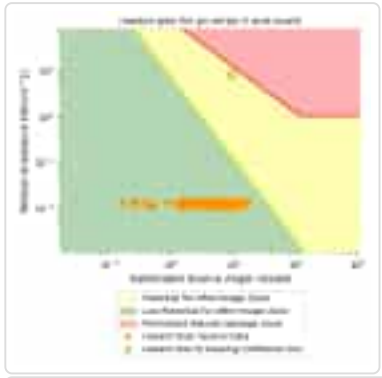
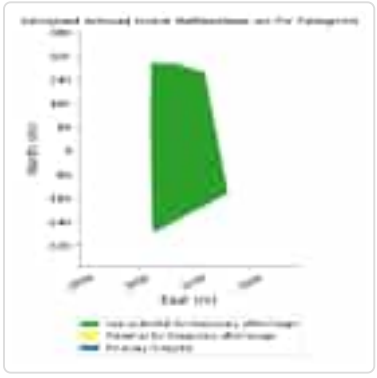
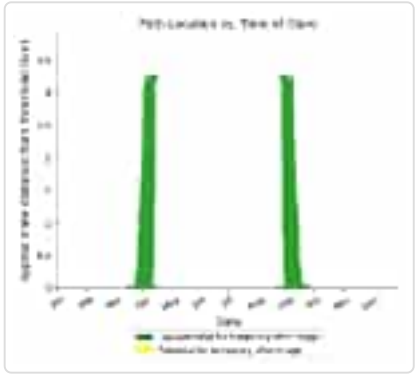
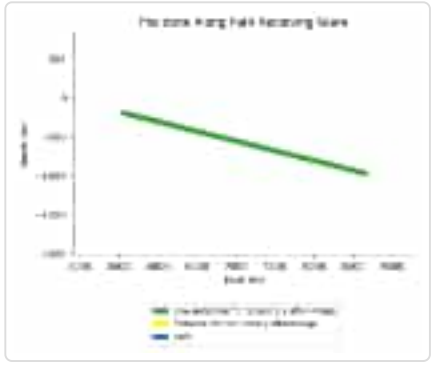
PV array 5: South Hykeham RWY 13

No glare found

PV array 5: South Hykeham RWY 28

PV array is expected to produce the following glare for this receptor:

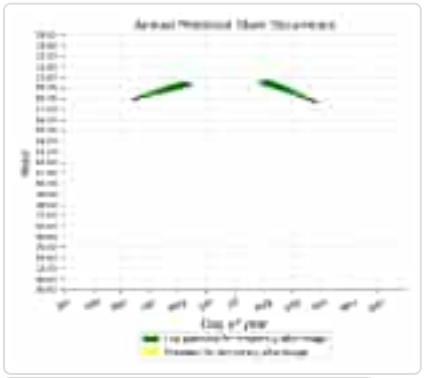
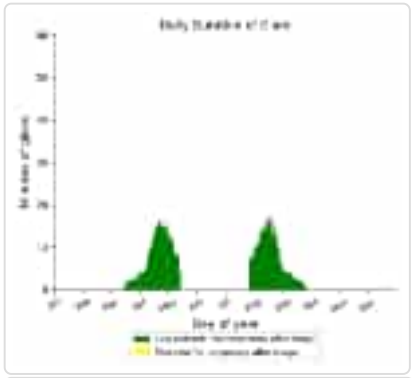
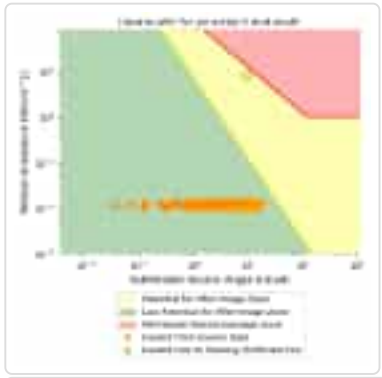
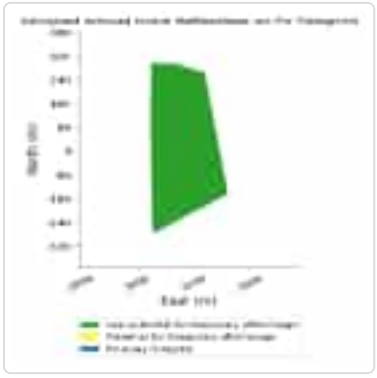
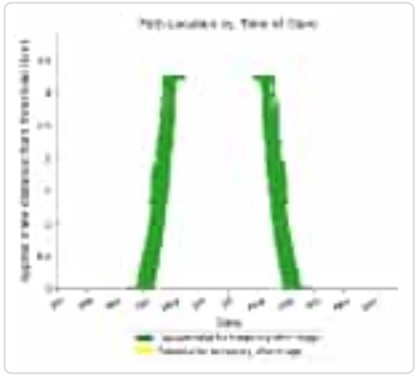
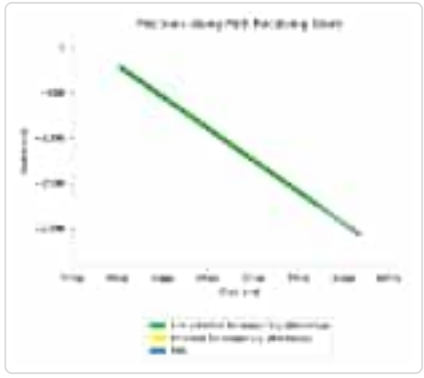
- 342 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 5: South Hykeham RWY 31

PV array is expected to produce the following glare for this receptor:

- 989 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

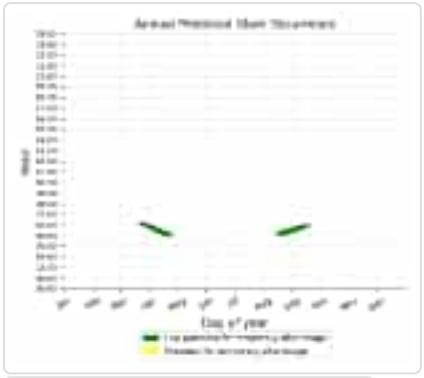
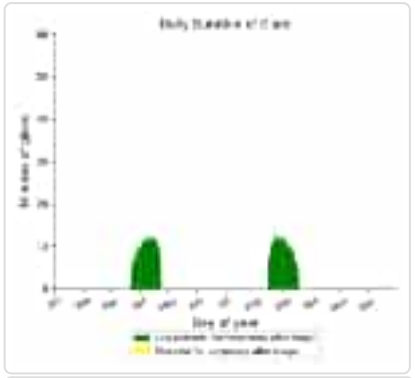
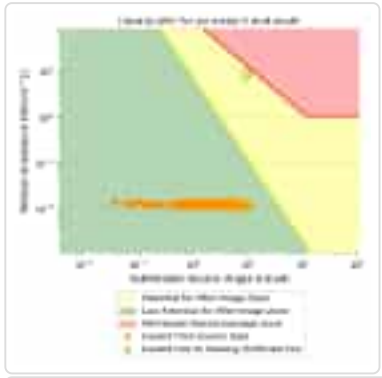
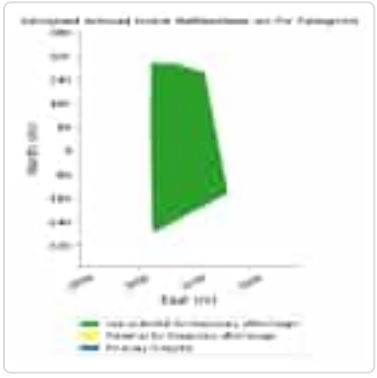
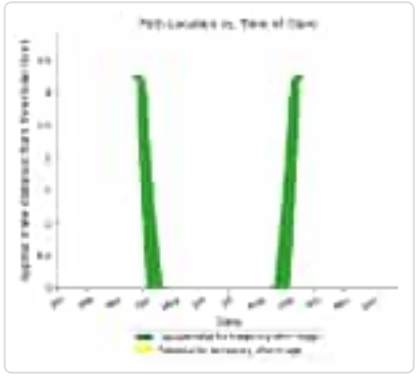
PV array 5: South Scarle RW 28

No glare found

PV array 5: South Scarle RWY 10

PV array is expected to produce the following glare for this receptor:

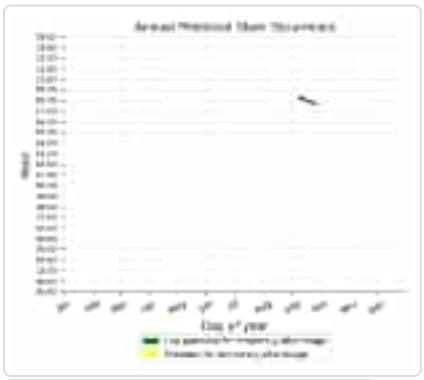
- 658 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

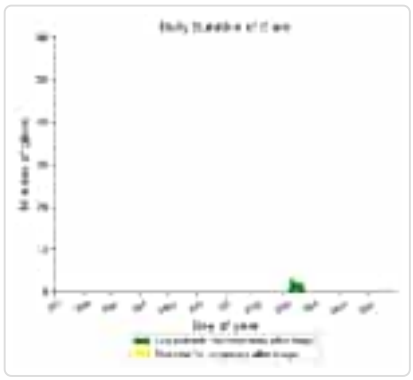






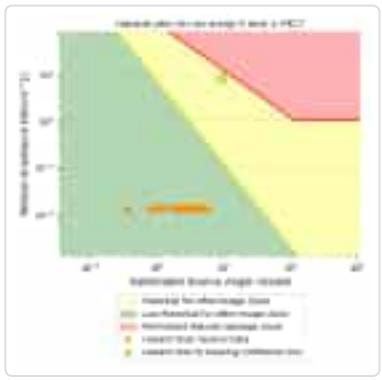
PV array 5: 1-ATCT

PV array is expected to produce the following glare for this receptor:

- 36 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







PV array 6 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	925	0
FP: Peacocks Farm RWY 06	0	0
FP: Peacocks Farm RWY 24	763	0
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	923	0
FP: South Hykeham RWY 10	1106	1018
FP: South Hykeham RWY 13	2981	1530
FP: South Hykeham RWY 28	1493	0
FP: South Hykeham RWY 31	961	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	300	0
OP: 1-ATCT	34	0

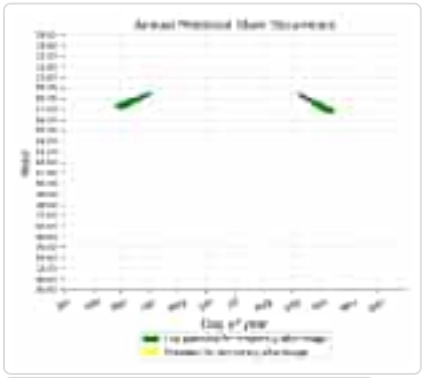
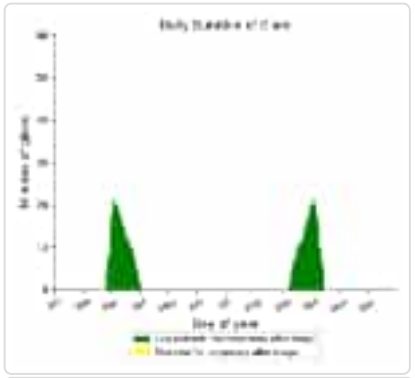
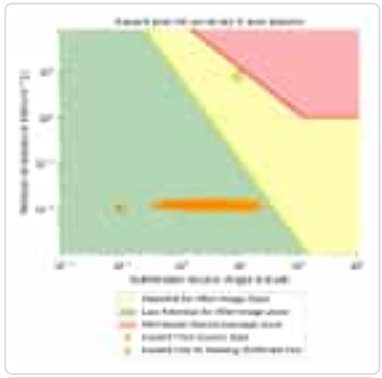
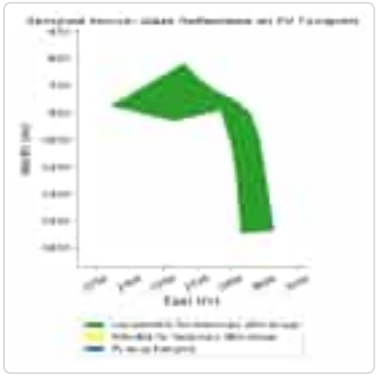
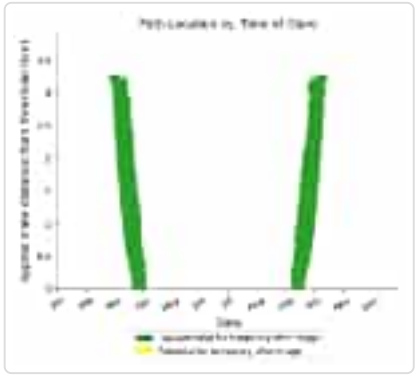
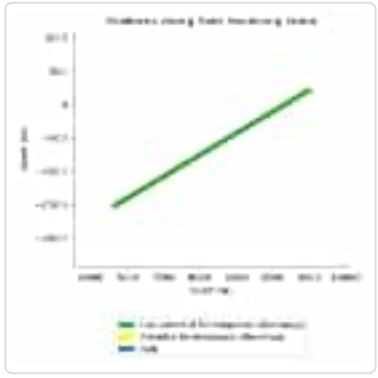
PV array 6: Blackmoor Farm RWY 06

No glare found

PV array 6: Blackmoor Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 925 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

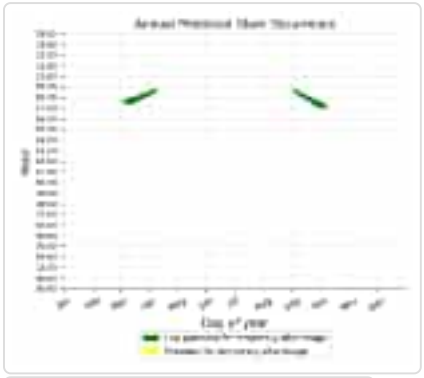
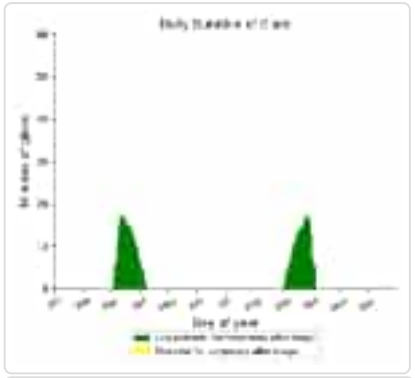
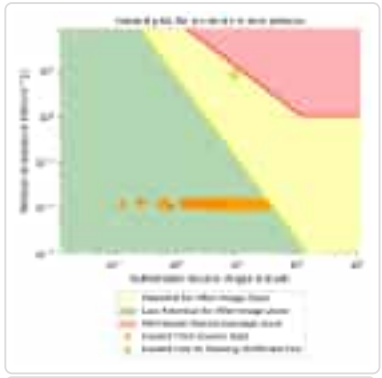
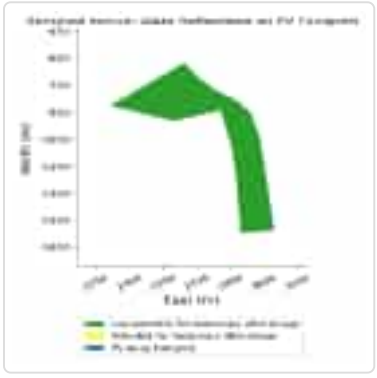
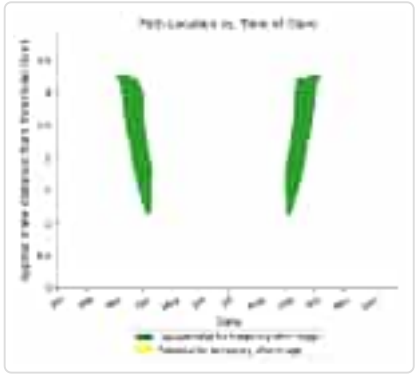
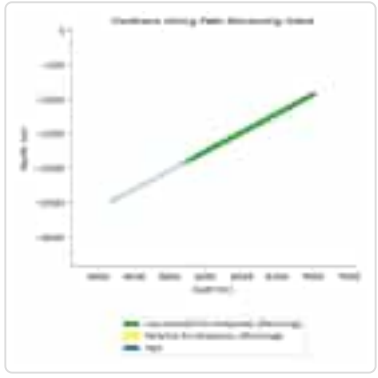
PV array 6: Peacocks Farm RWY 06

No glare found

PV array 6: Peacocks Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 763 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

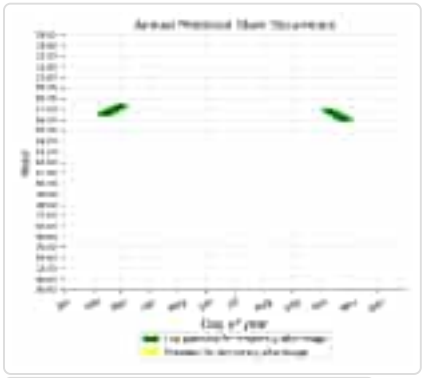
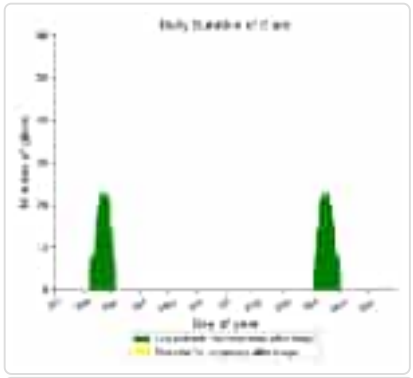
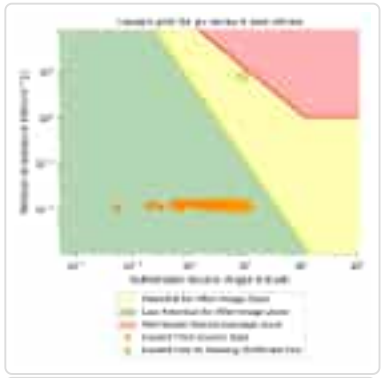
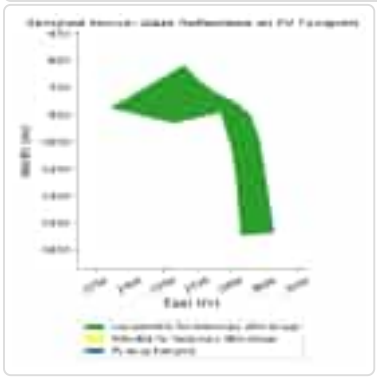
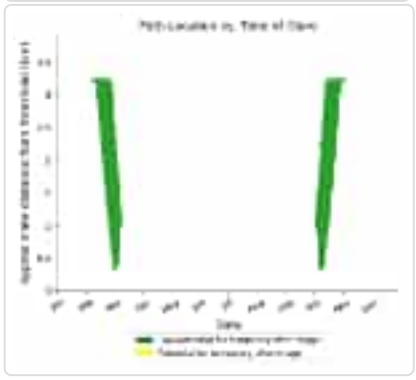
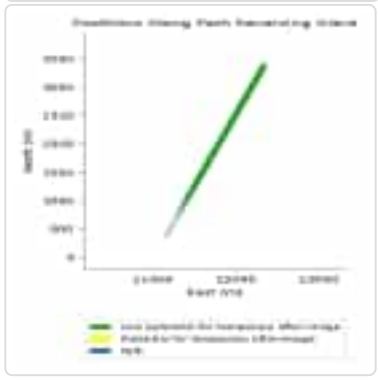
PV array 6: RAF Waddington RWY 02

No glare found

PV array 6: RAF Waddington RWY 20

PV array is expected to produce the following glare for this receptor:

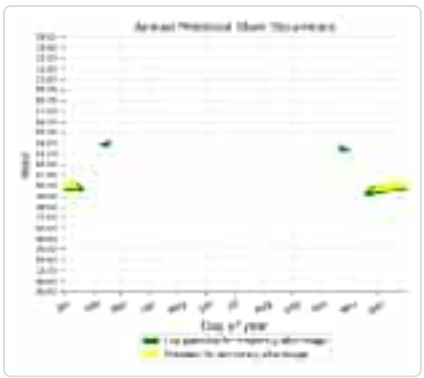
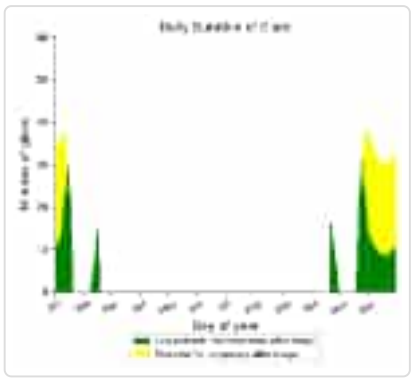
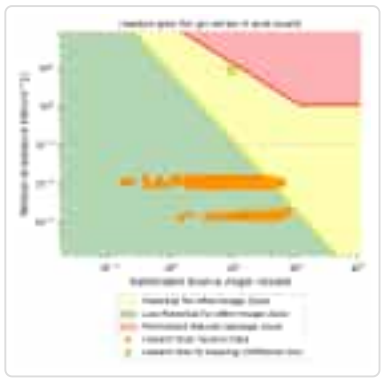
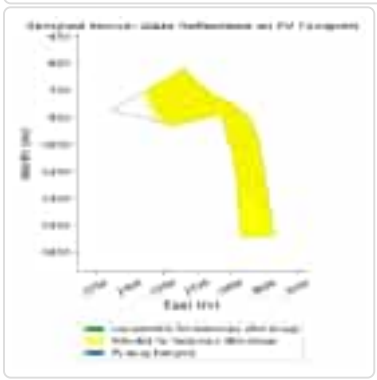
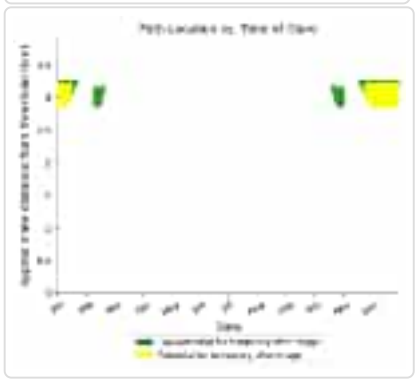
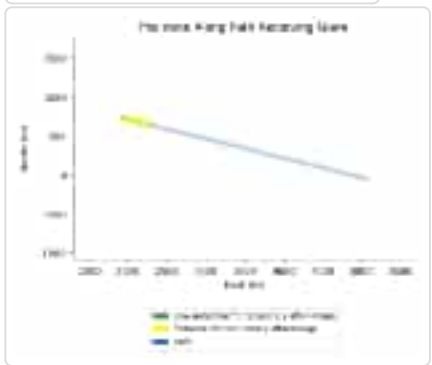
- 923 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 6: South Hykeham RWY 10

PV array is expected to produce the following glare for this receptor:

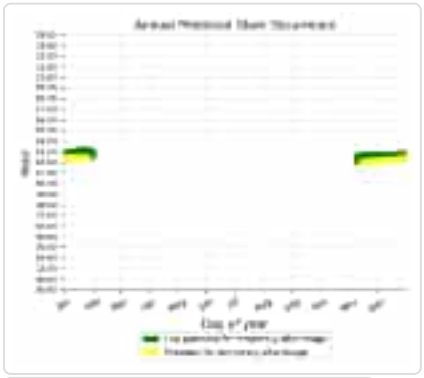
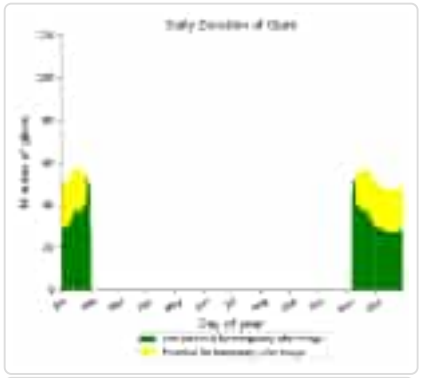
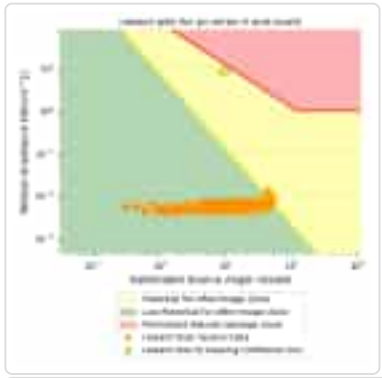
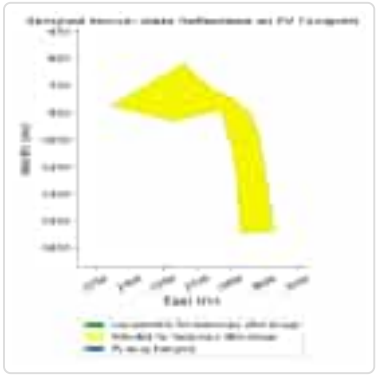
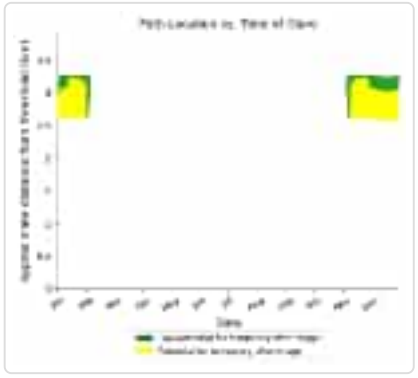
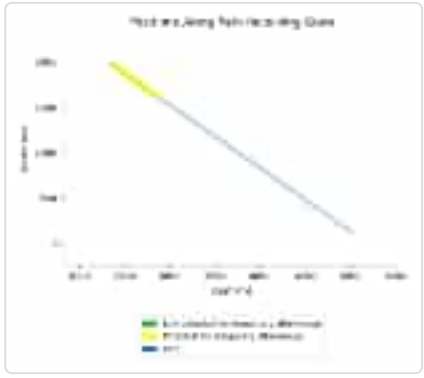
- 1,106 minutes of "green" glare with low potential to cause temporary after-image.
- 1,018 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 6: South Hykeham RWY 13

PV array is expected to produce the following glare for this receptor:

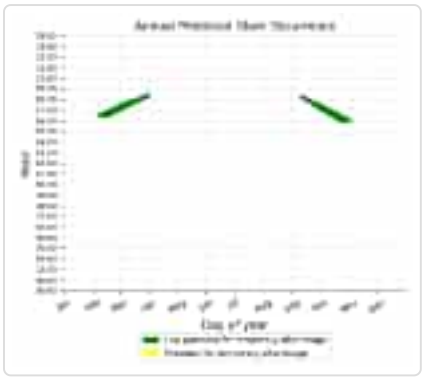
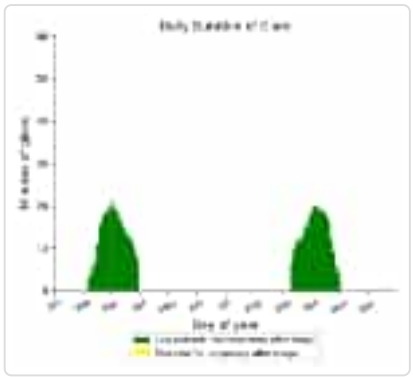
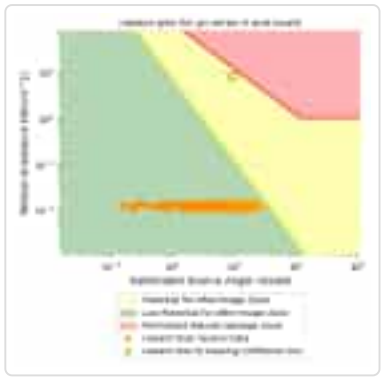
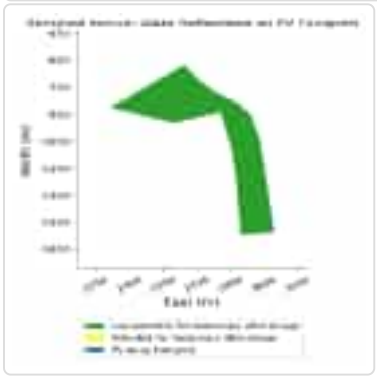
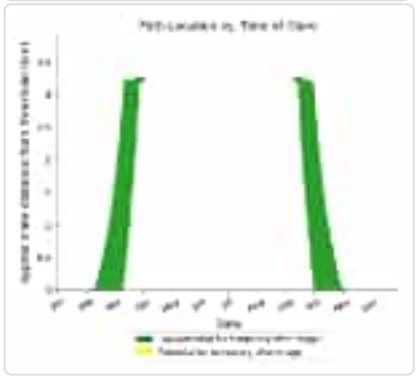
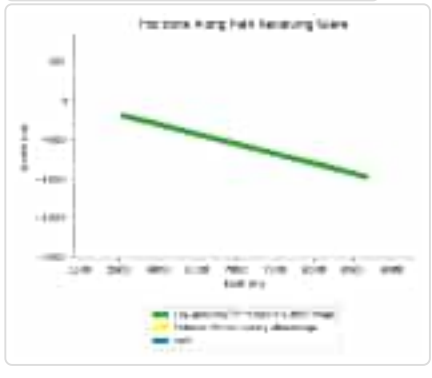
- 2,981 minutes of "green" glare with low potential to cause temporary after-image.
- 1,530 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 6: South Hykeham RWY 28

PV array is expected to produce the following glare for this receptor:

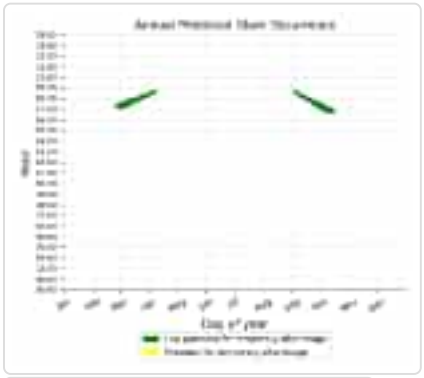
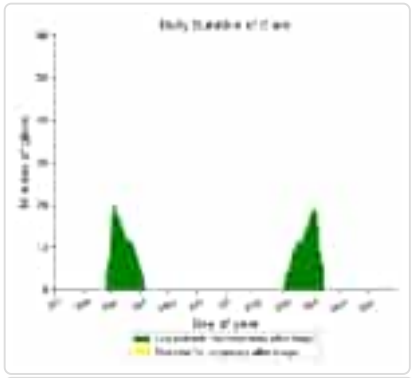
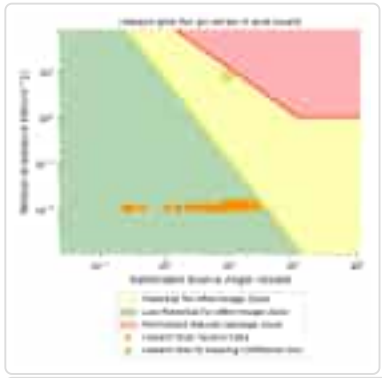
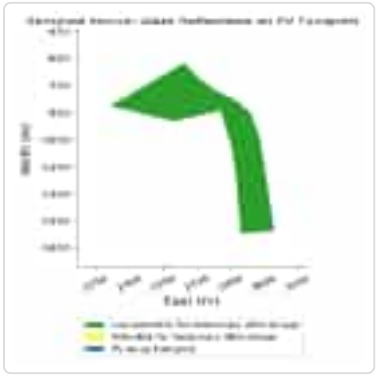
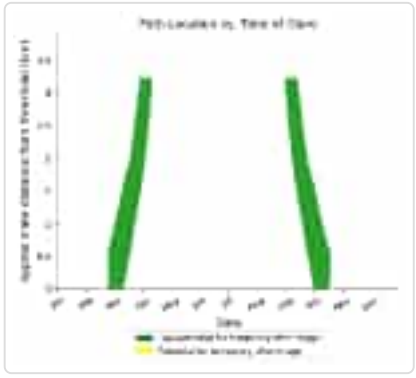
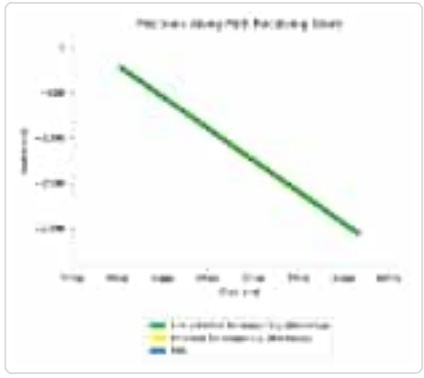
- 1,493 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 6: South Hykeham RWY 31

PV array is expected to produce the following glare for this receptor:

- 961 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

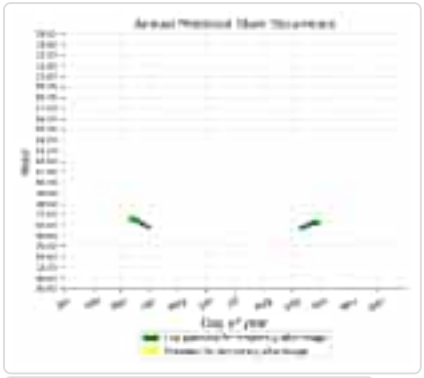
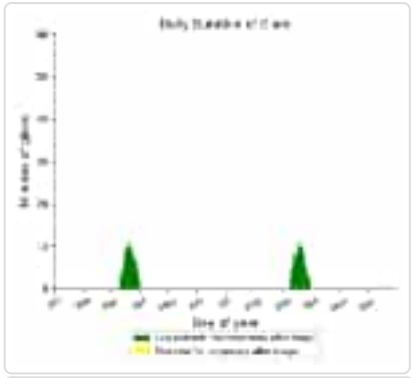
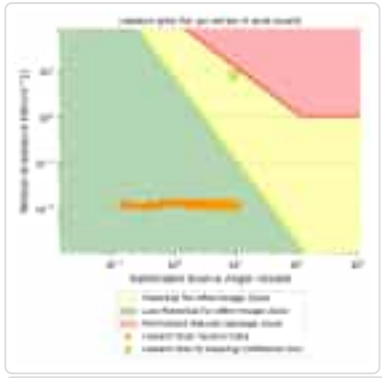
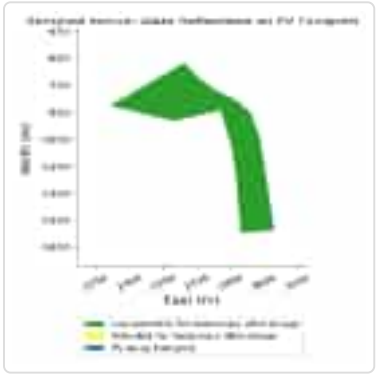
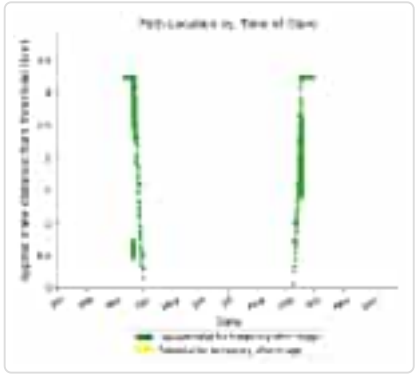
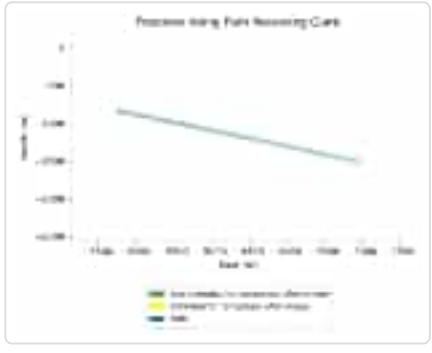
PV array 6: South Scarle RW 28

No glare found

PV array 6: South Scarle RWY 10

PV array is expected to produce the following glare for this receptor:

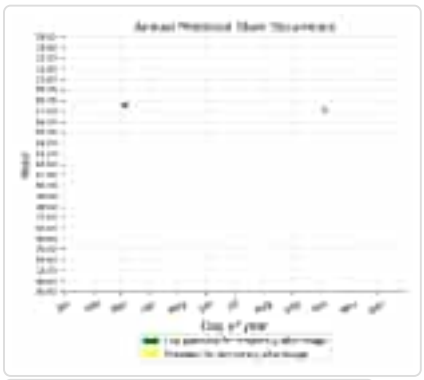
- 300 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

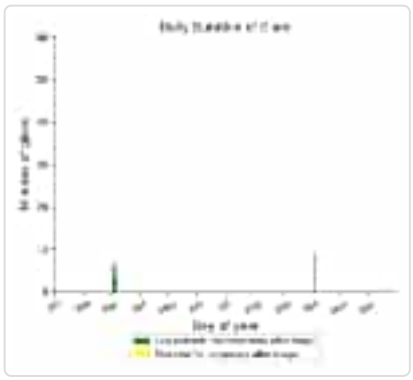







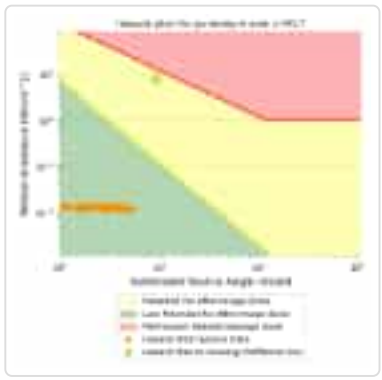
PV array 6: 1-ATCT

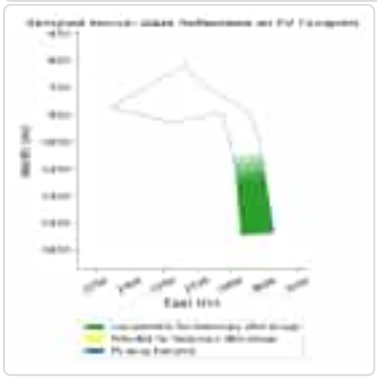
PV array is expected to produce the following glare for this receptor:

- 34 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 7 potential temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	408	0
FP: Peacocks Farm RWY 06	0	0
FP: Peacocks Farm RWY 24	721	797
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	0	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	276	0
FP: South Hykeham RWY 31	780	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	231	0
OP: 1-ATCT	24	0

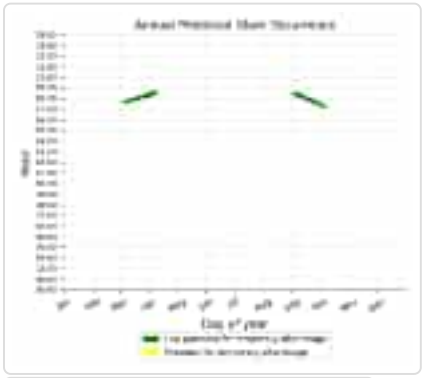
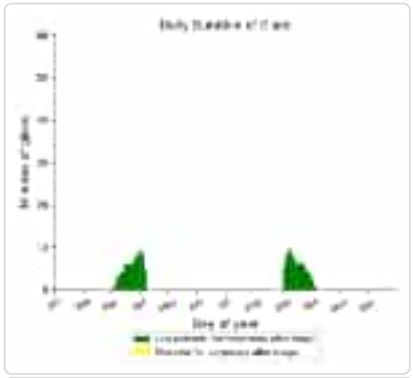
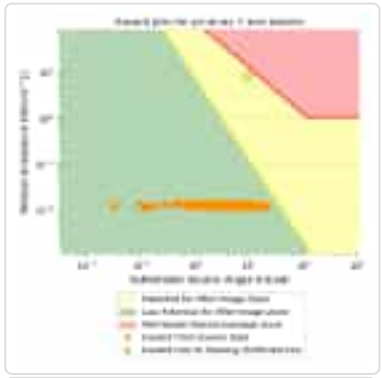
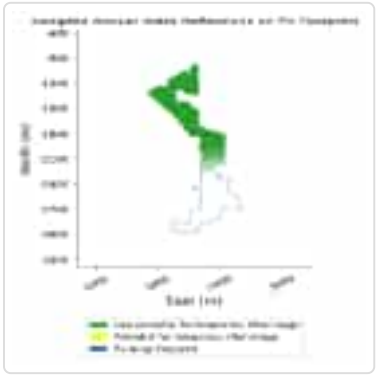
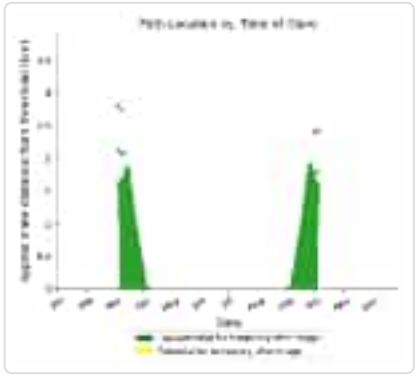
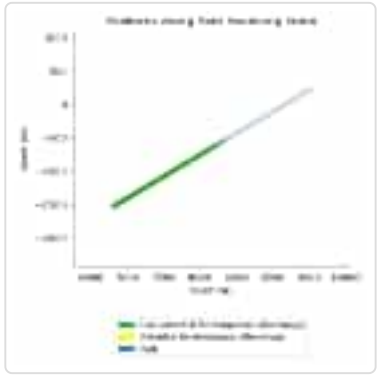
PV array 7: Blackmoor Farm RWY 06

No glare found

PV array 7: Blackmoor Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 408 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

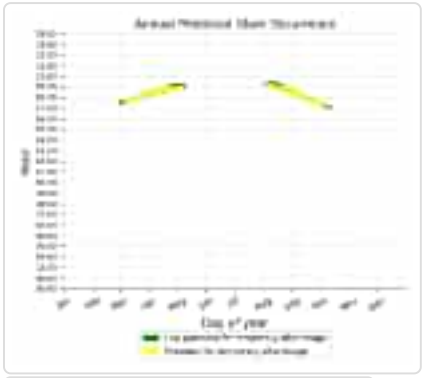
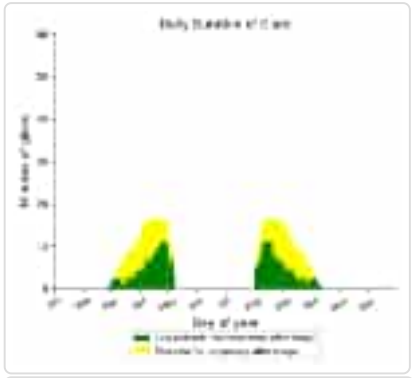
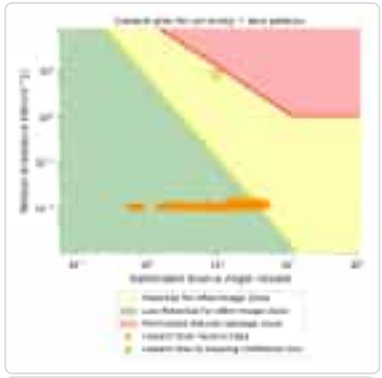
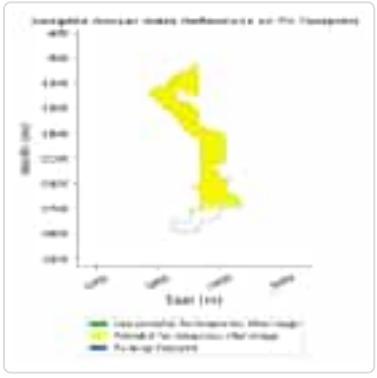
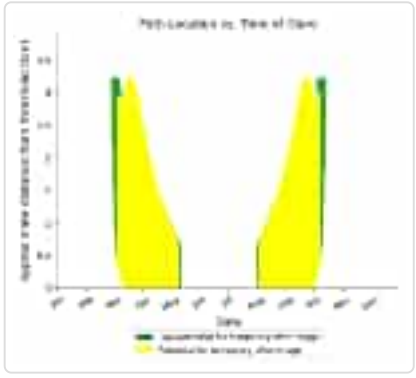
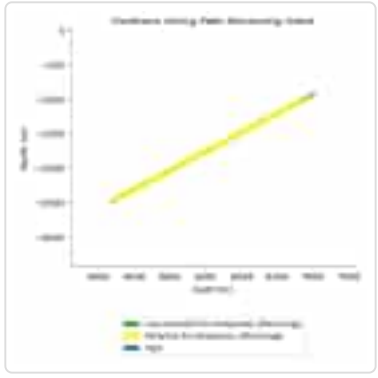
PV array 7: Peacocks Farm RWY 06

No glare found

PV array 7: Peacocks Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 721 minutes of "green" glare with low potential to cause temporary after-image.
- 797 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 7: RAF Waddington RWY 02

No glare found

PV array 7: RAF Waddington RWY 20

No glare found

PV array 7: South Hykeham RWY 10

No glare found

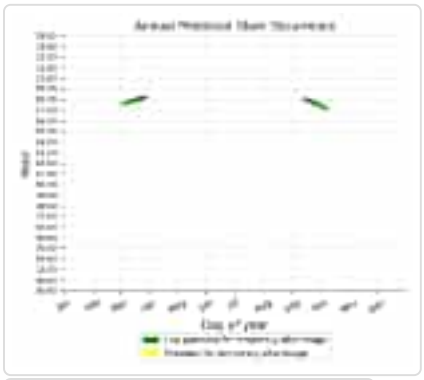
PV array 7: South Hykeham RWY 13

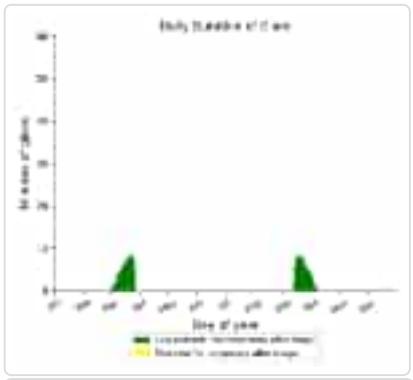
No glare found

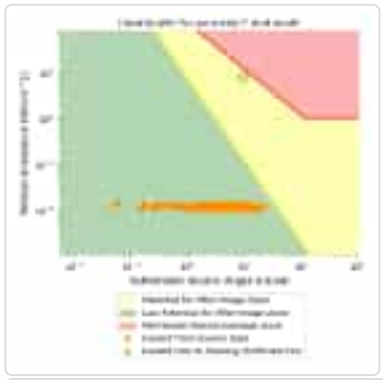
PV array 7: South Hykeham RWY 28

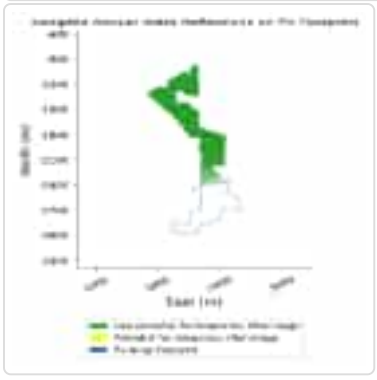
PV array is expected to produce the following glare for this receptor:

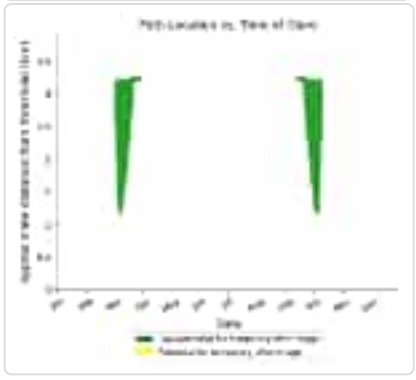
- 276 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

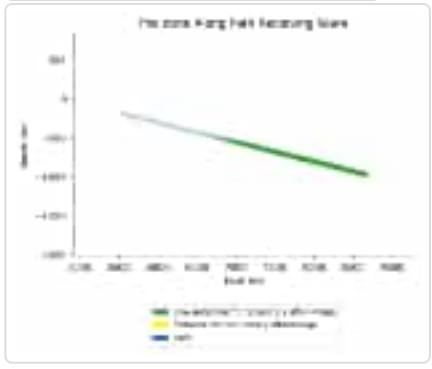








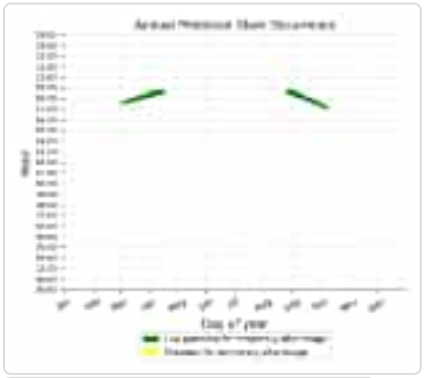
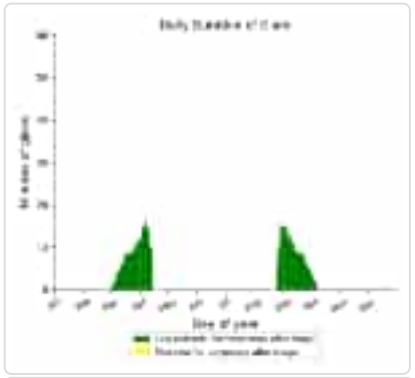
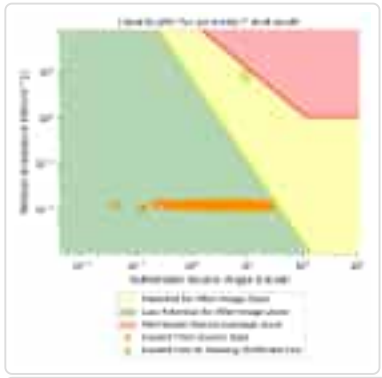
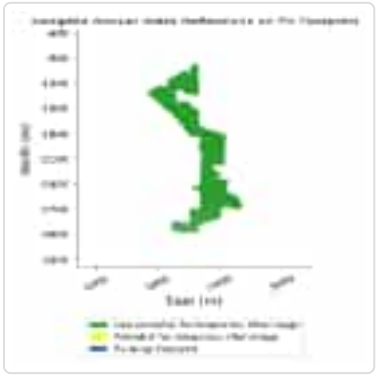
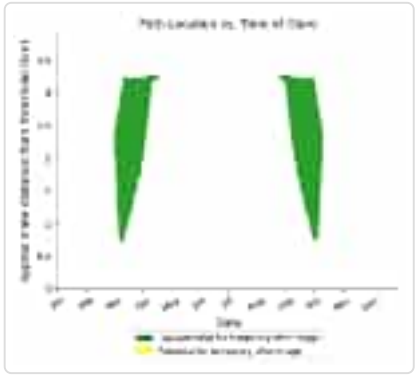
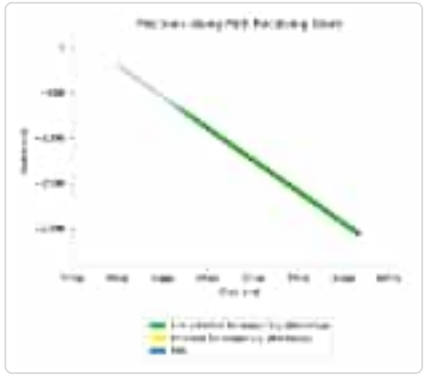




PV array 7: South Hykeham RWY 31

PV array is expected to produce the following glare for this receptor:

- 780 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

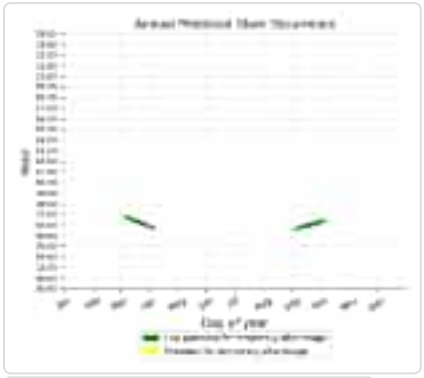
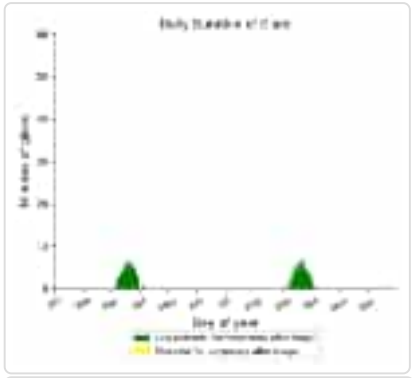
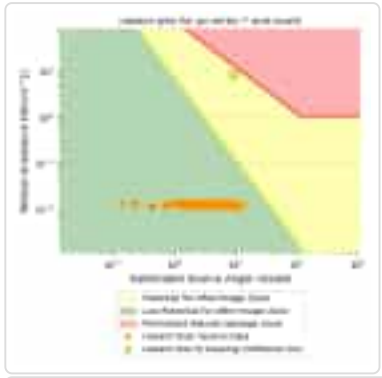
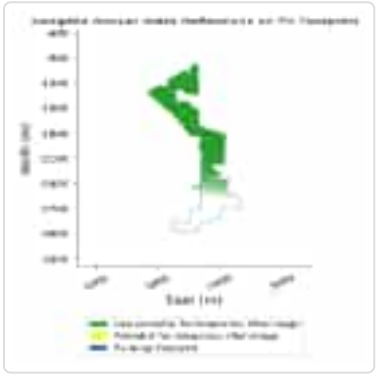
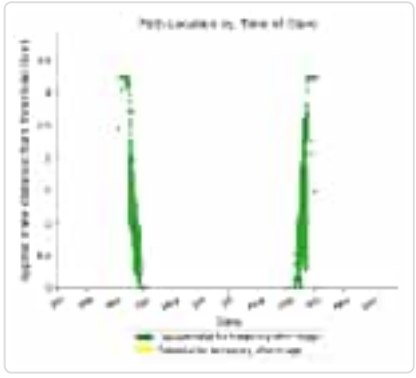
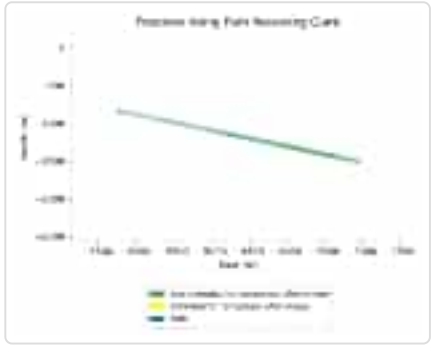
PV array 7: South Scarle RW 28

No glare found

PV array 7: South Scarle RWY 10

PV array is expected to produce the following glare for this receptor:

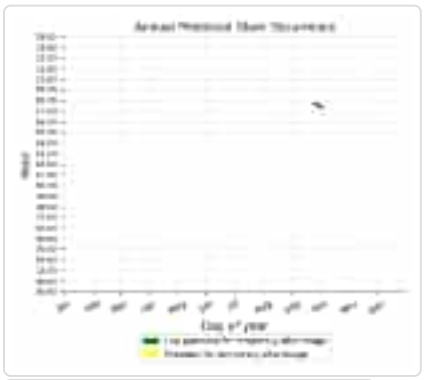
- 231 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

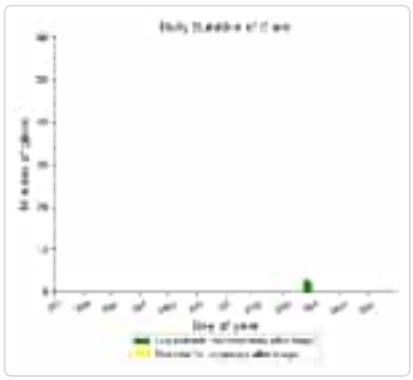







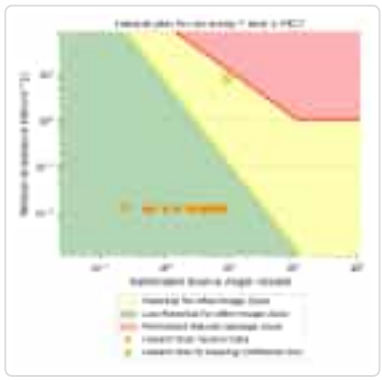
PV array 7: 1-ATCT

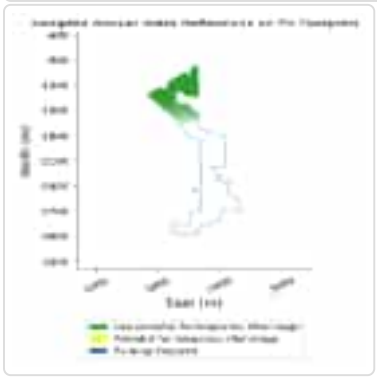
PV array is expected to produce the following glare for this receptor:

- 24 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.









PV array 8 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	379	0
FP: Peacocks Farm RWY 06	52	0
FP: Peacocks Farm RWY 24	735	0
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	578	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	927	0
FP: South Hykeham RWY 31	490	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	121	0
OP: 1-ATCT	0	0

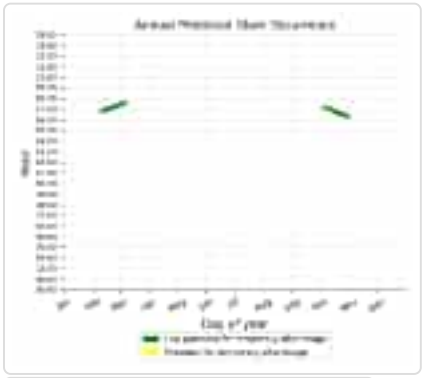
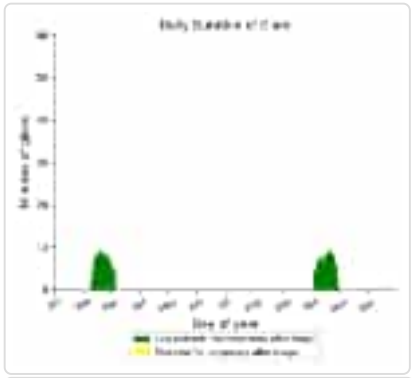
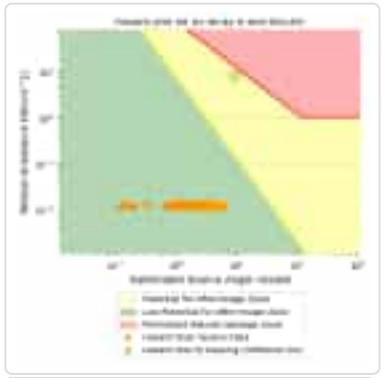
PV array 8: Blackmoor Farm RWY 06

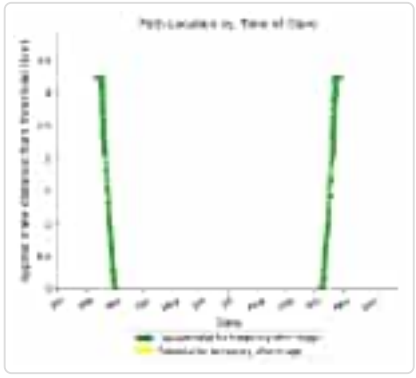
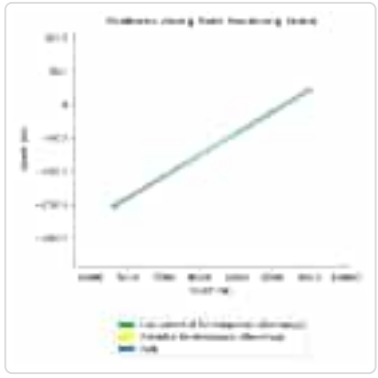
No glare found

PV array 8: Blackmoor Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 379 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

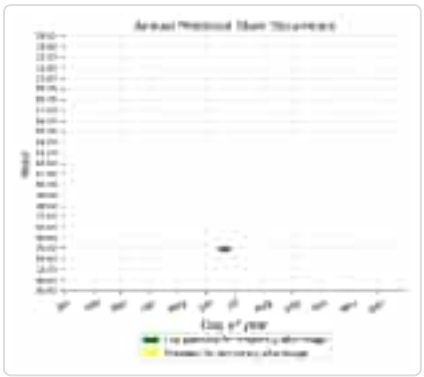
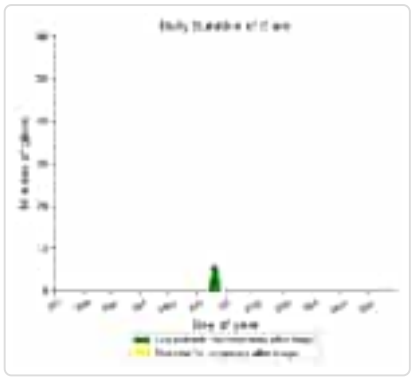
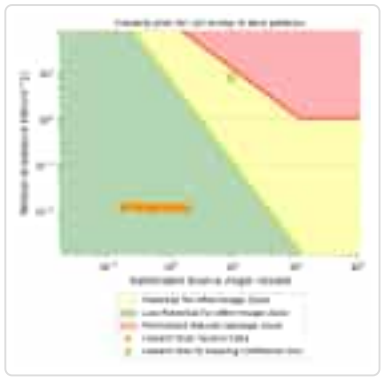
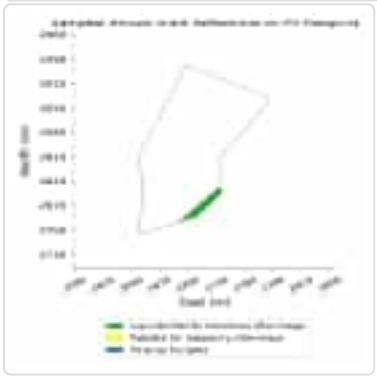
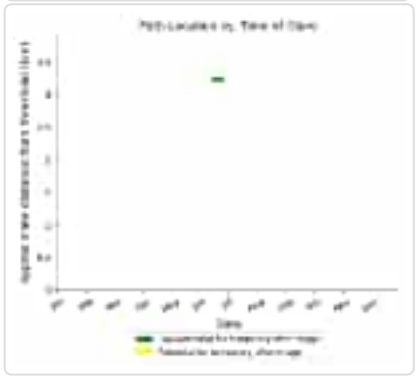
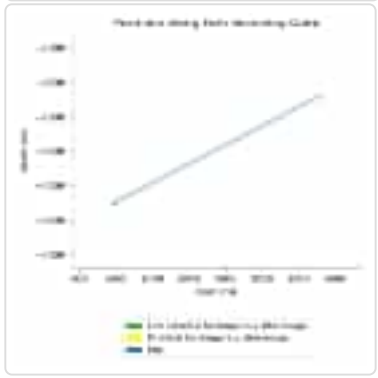




PV array 8: Peacocks Farm RWY 06

PV array is expected to produce the following glare for this receptor:

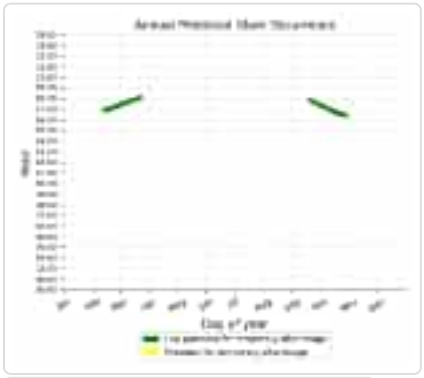
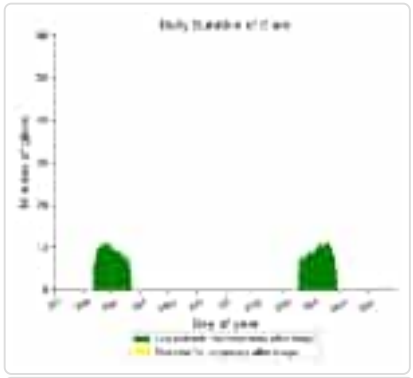
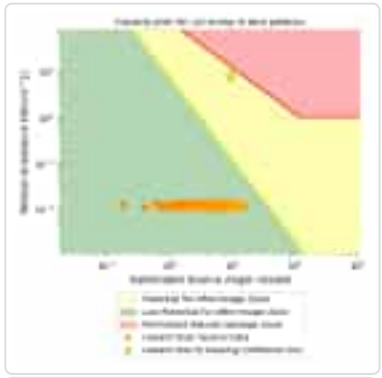
- 52 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

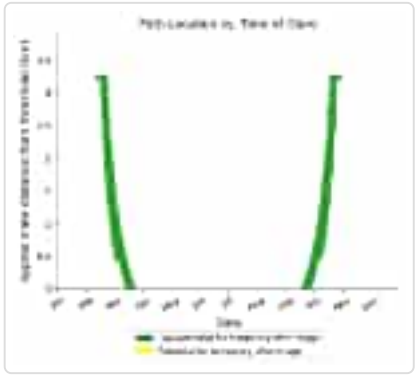
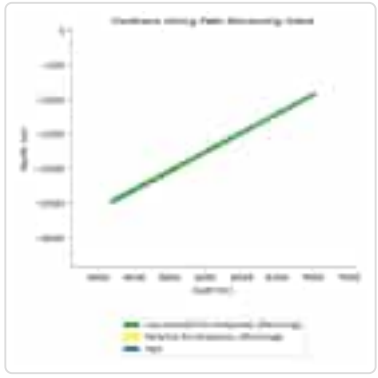







PV array 8: Peacocks Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 735 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

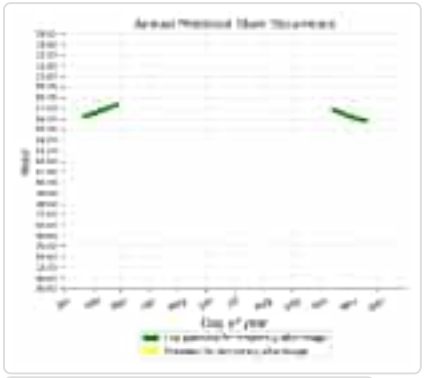
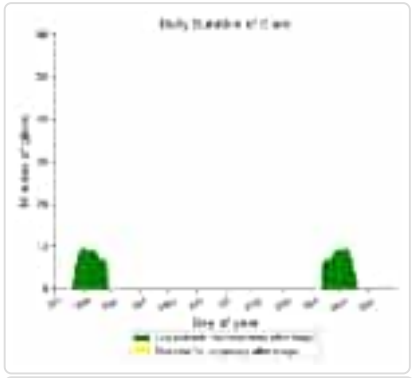
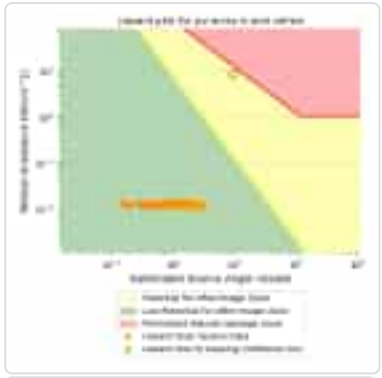
PV array 8: RAF Waddington RWY 02

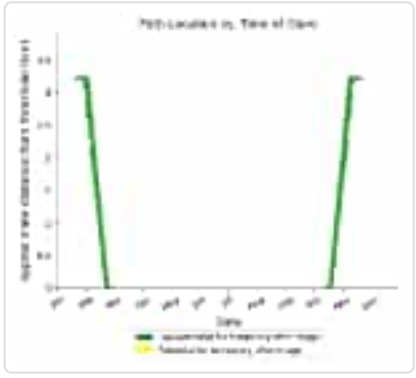
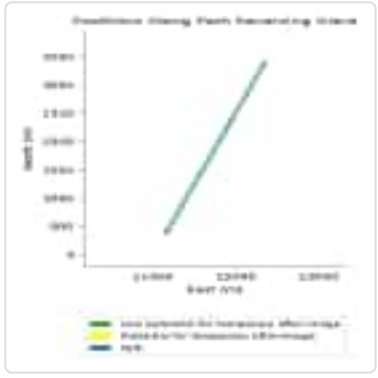
No glare found

PV array 8: RAF Waddington RWY 20

PV array is expected to produce the following glare for this receptor:

- 578 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 8: South Hykeham RWY 10

No glare found

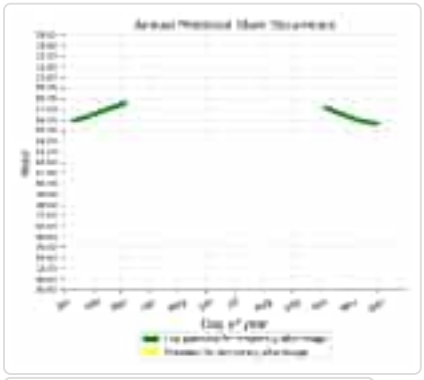
PV array 8: South Hykeham RWY 13

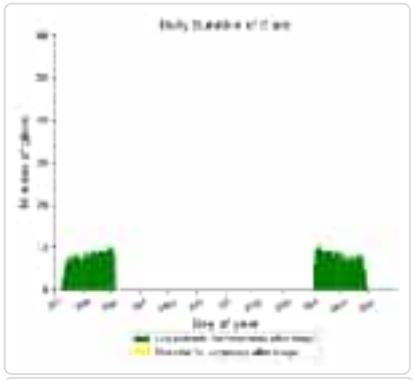
No glare found

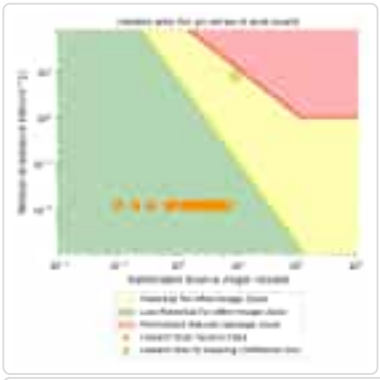
PV array 8: South Hykeham RWY 28

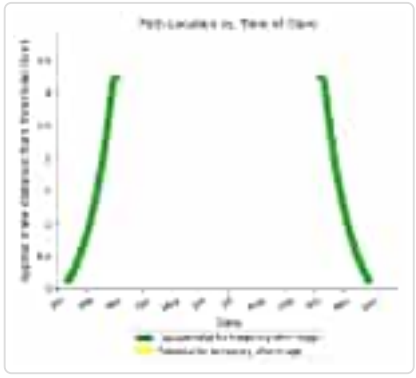
PV array is expected to produce the following glare for this receptor:

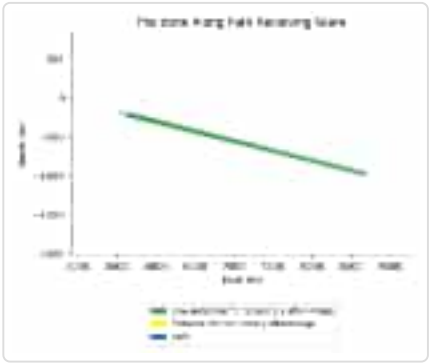
- 927 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.







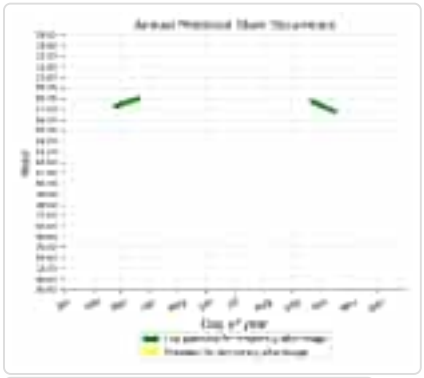
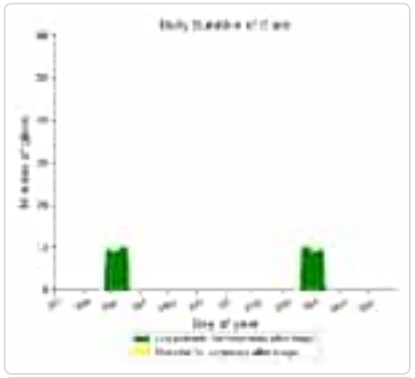
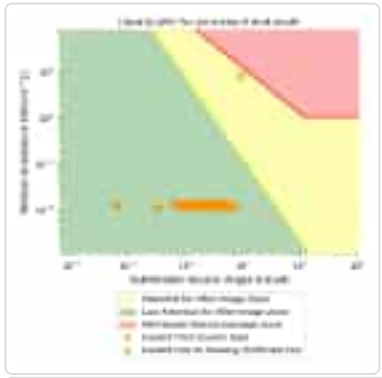


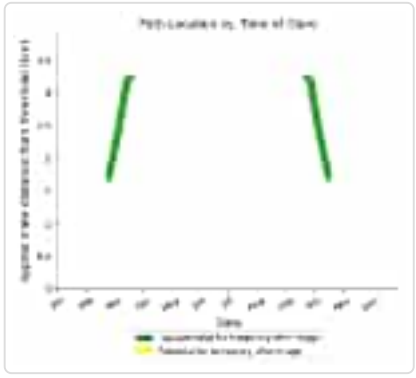
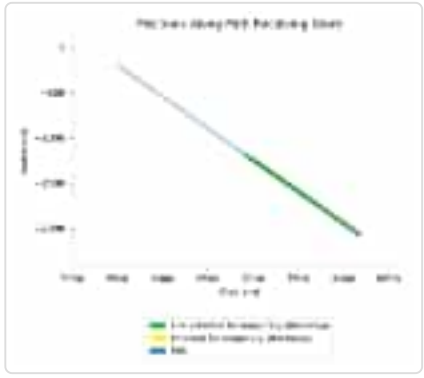


PV array 8: South Hykeham RWY 31

PV array is expected to produce the following glare for this receptor:

- 490 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

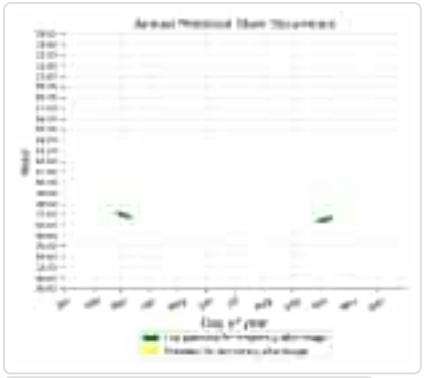
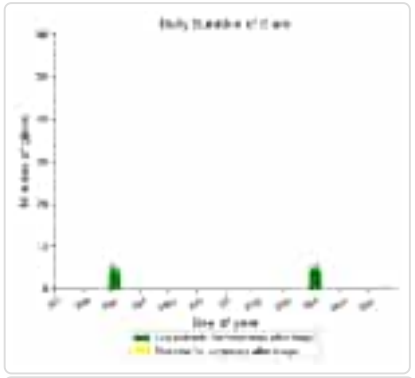
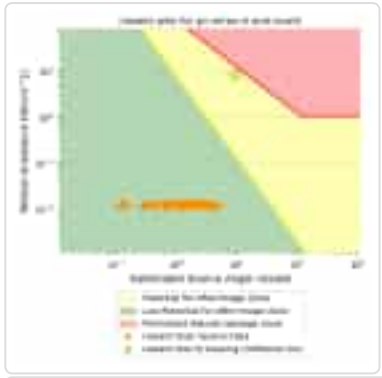
PV array 8: South Scarle RW 28

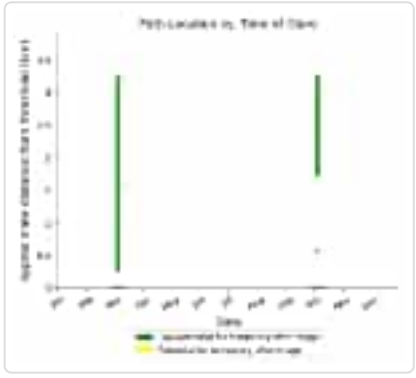
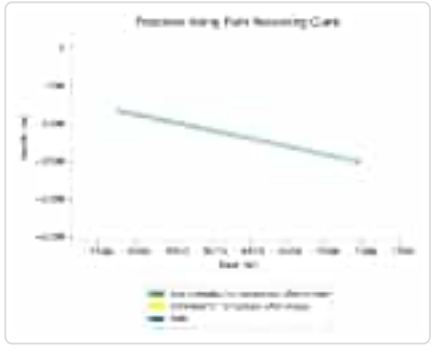
No glare found

PV array 8: South Scarle RWY 10

PV array is expected to produce the following glare for this receptor:

- 121 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 8: 1-ATCT

No glare found

PV array 9 low potential for temporary after-image

Component	Green glare (min)	Yellow glare (min)
FP: Blackmoor Farm RWY 06	0	0
FP: Blackmoor Farm RWY 24	355	0
FP: Peacocks Farm RWY 06	363	0
FP: Peacocks Farm RWY 24	485	0
FP: RAF Waddington RWY 02	0	0
FP: RAF Waddington RWY 20	573	0
FP: South Hykeham RWY 10	0	0
FP: South Hykeham RWY 13	0	0
FP: South Hykeham RWY 28	851	0
FP: South Hykeham RWY 31	336	0
FP: South Scarle RW 28	0	0
FP: South Scarle RWY 10	205	0
OP: 1-ATCT	0	0

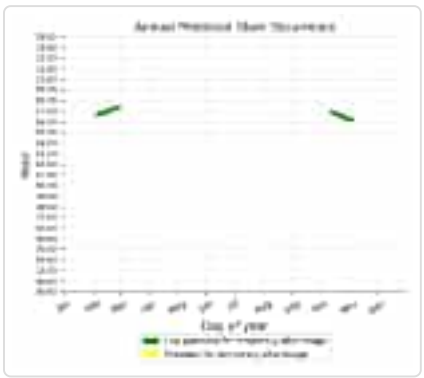
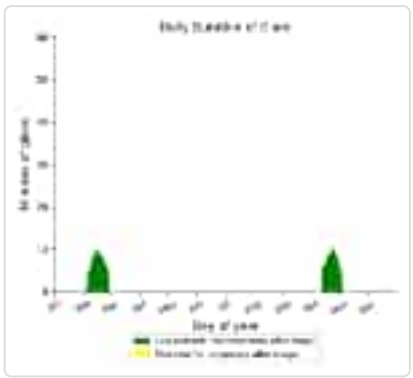
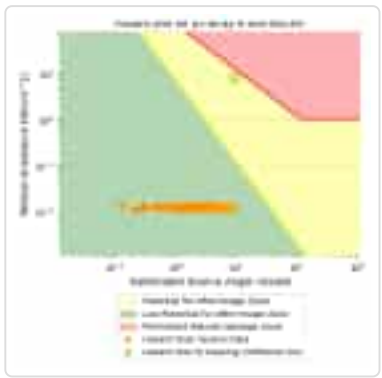
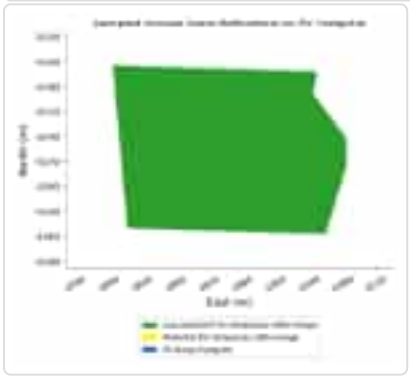
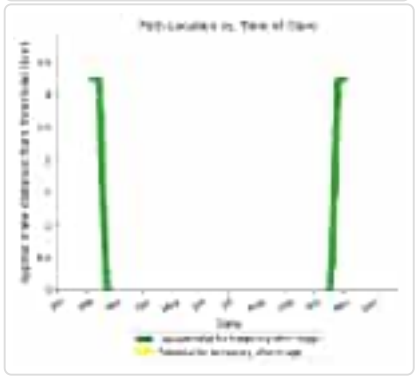
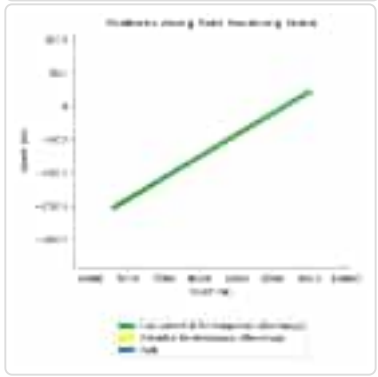
PV array 9: Blackmoor Farm RWY 06

No glare found

PV array 9: Blackmoor Farm RWY 24

PV array is expected to produce the following glare for this receptor:

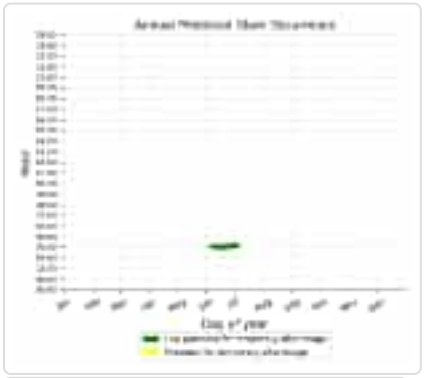
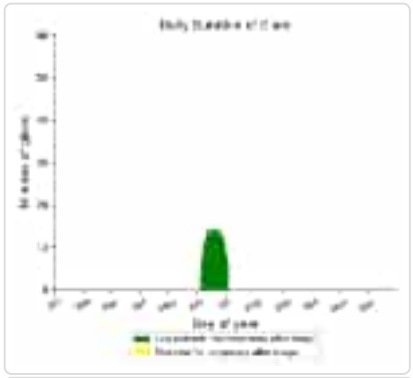
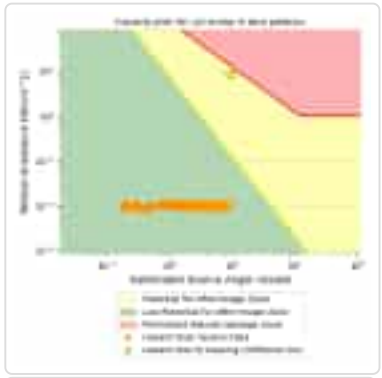
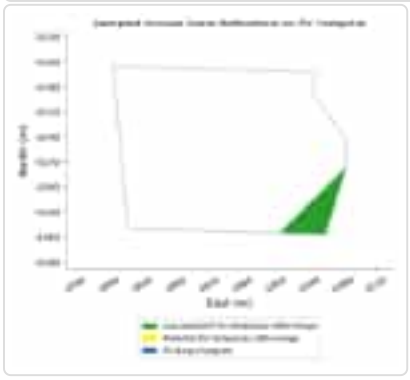
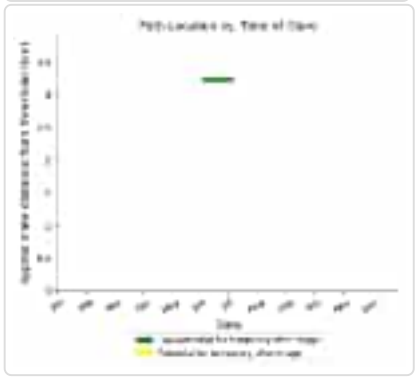
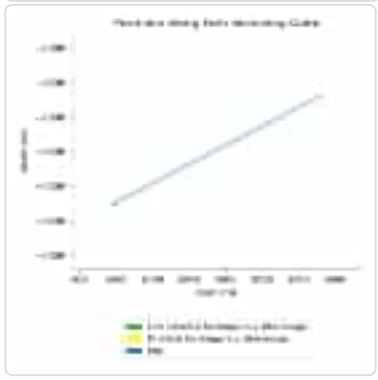
- 355 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 9: Peacocks Farm RWY 06

PV array is expected to produce the following glare for this receptor:

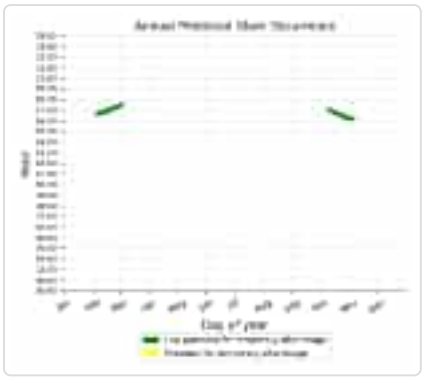
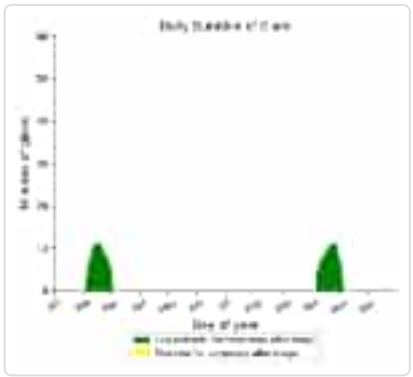
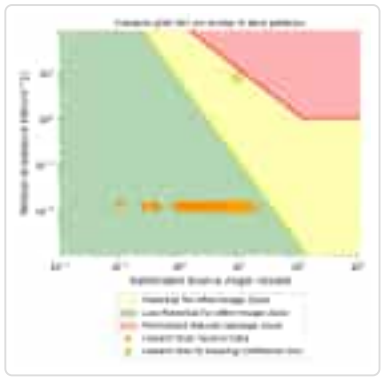
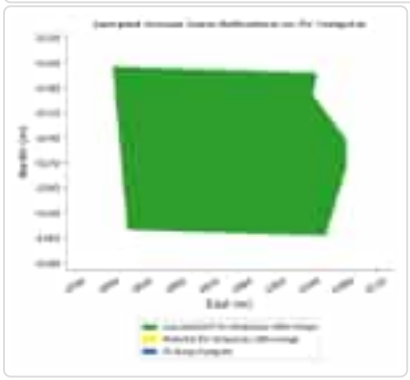
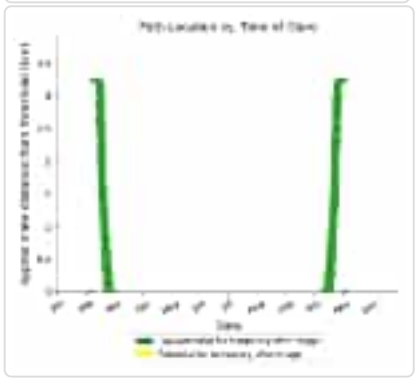
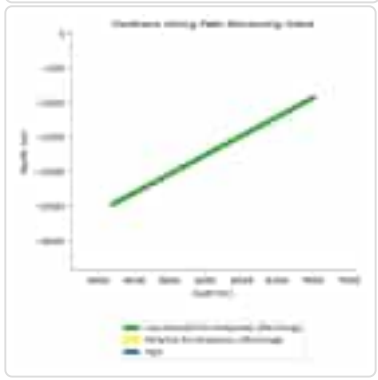
- 363 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 9: Peacocks Farm RWY 24

PV array is expected to produce the following glare for this receptor:

- 485 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

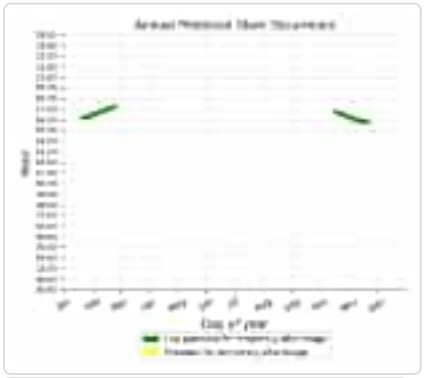
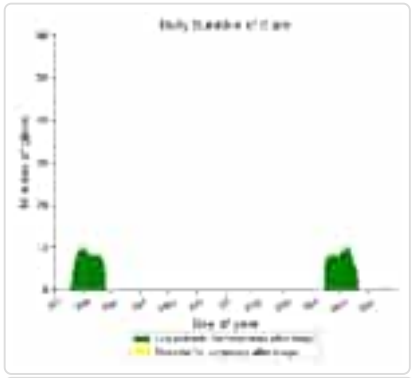
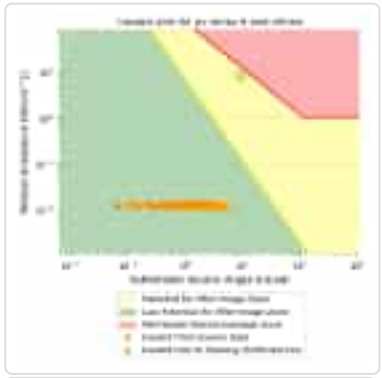
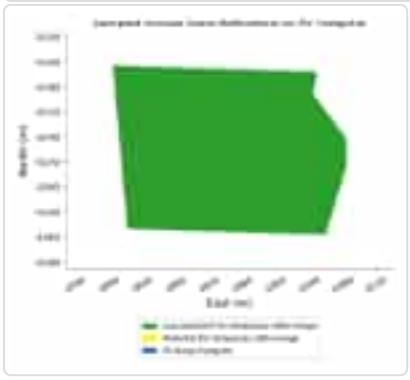
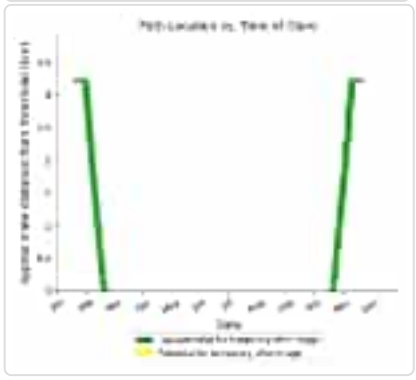
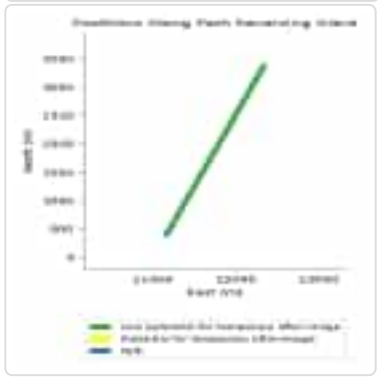
PV array 9: RAF Waddington RWY 02

No glare found

PV array 9: RAF Waddington RWY 20

PV array is expected to produce the following glare for this receptor:

- 573 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 9: South Hykeham RWY 10

No glare found

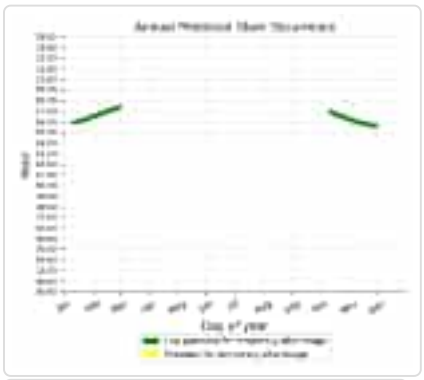
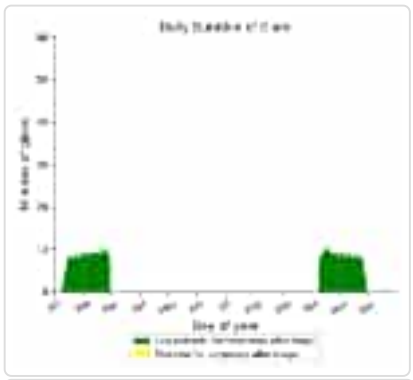
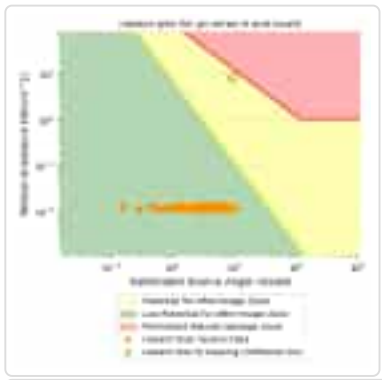
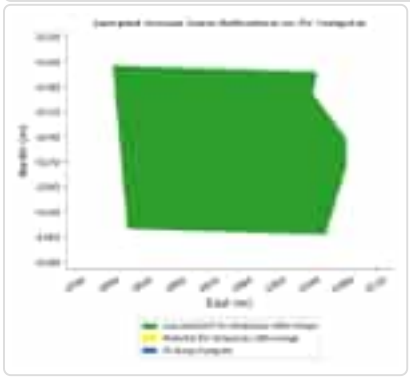
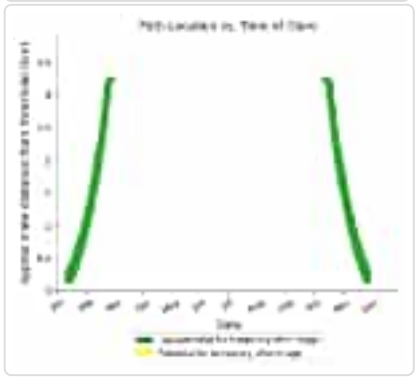
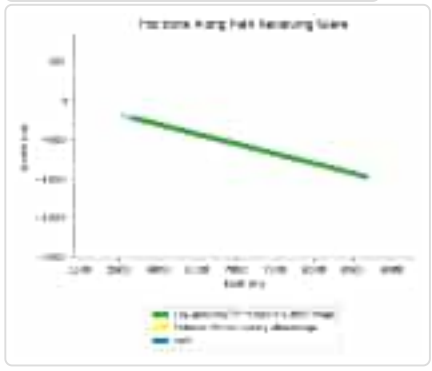
PV array 9: South Hykeham RWY 13

No glare found

PV array 9: South Hykeham RWY 28

PV array is expected to produce the following glare for this receptor:

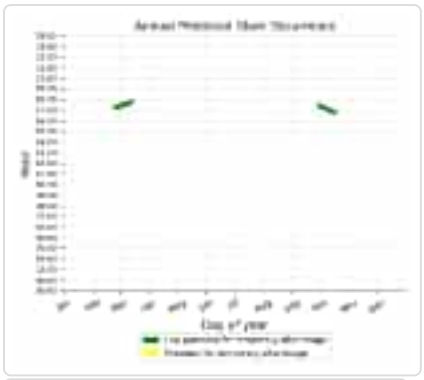
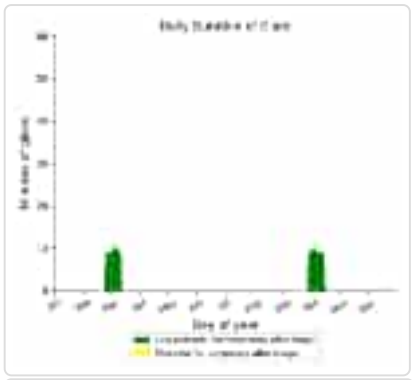
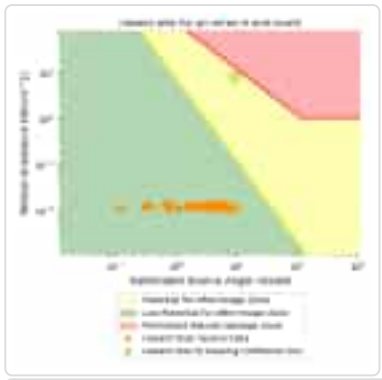
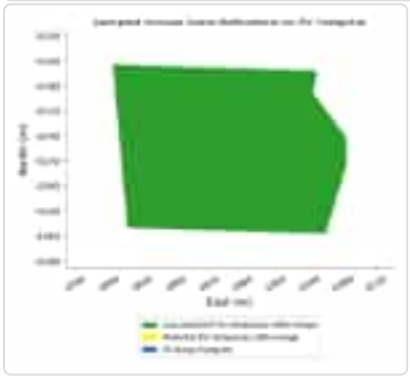
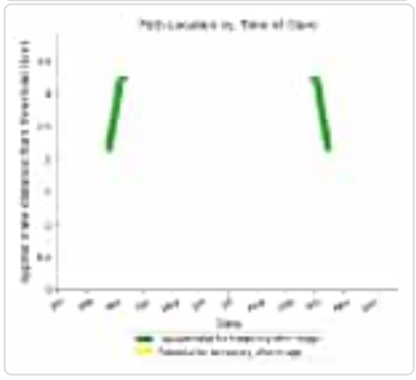
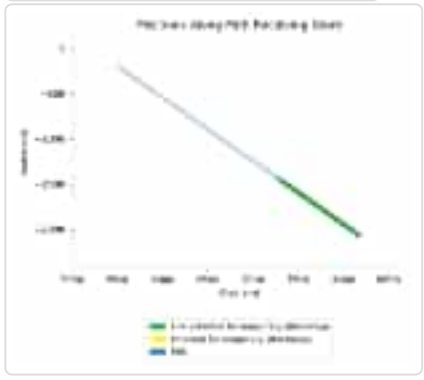
- 851 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 9: South Hykeham RWY 31

PV array is expected to produce the following glare for this receptor:

- 336 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

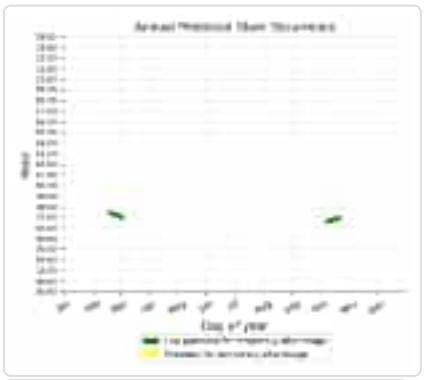
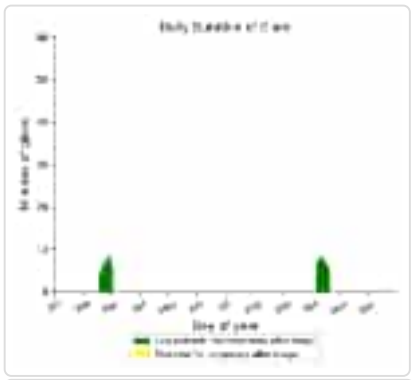
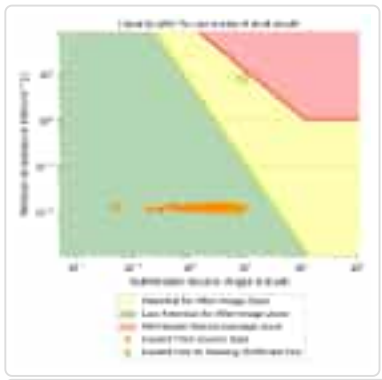
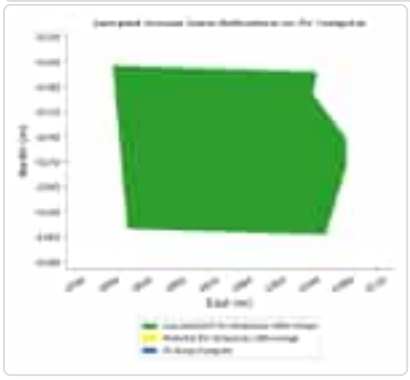
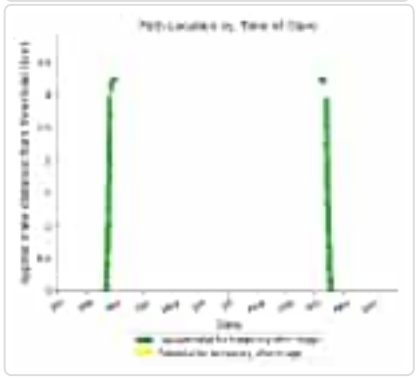
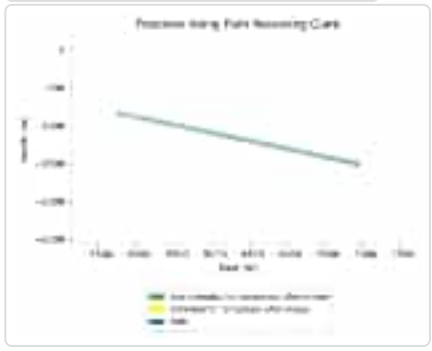
PV array 9: South Scarle RW 28

No glare found

PV array 9: South Scarle RWY 10

PV array is expected to produce the following glare for this receptor:

- 205 minutes of "green" glare with low potential to cause temporary after-image.
- 0 minutes of "yellow" glare with potential to cause temporary after-image.

PV array 9: 1-ATCT

No glare found

Assumptions

- Times associated with glare are denoted in Standard time. For Daylight Savings, add one hour.
- Glare analyses do not automatically account for physical obstructions between reflectors and receptors. This includes buildings, tree cover and geographic obstructions.
- Detailed system geometry is not rigorously simulated.
- The glare hazard determination relies on several approximations including observer eye characteristics, angle of view, and typical blink response time. Actual values and results may vary.
- The system output calculation is a DNI-based approximation that assumes clear, sunny skies year-round. It should not be used in place of more rigorous modeling methods.
- Several V1 calculations utilize the PV array centroid, rather than the actual glare spot location, due to algorithm limitations. This may affect results fo large PV footprints. Additional analyses of array sub-sections can provide additional information on expected glare.
- The subtended source angle (glare spot size) is constrained by the PV array footprint size. Partitioning large arrays into smaller sections will reduce the maximum potential subtended angle, potentially impacting results if actual glare spots are larger than the sub-array size. Additional analyses of the combined area of adjacent sub-arrays can provide more information on potential glare hazards. (See previous point on related limitations.)
- Hazard zone boundaries shown in the Glare Hazard plot are an approximation and visual aid. Actual ocular impact outcomes encompass a continuous, not discrete, spectrum.
- Glare locations displayed on receptor plots are approximate. Actual glare-spot locations may differ.
- Refer to the **Help page** for detailed assumptions and limitations not listed here.

Appendix Q: Visibility Assessment Evidence

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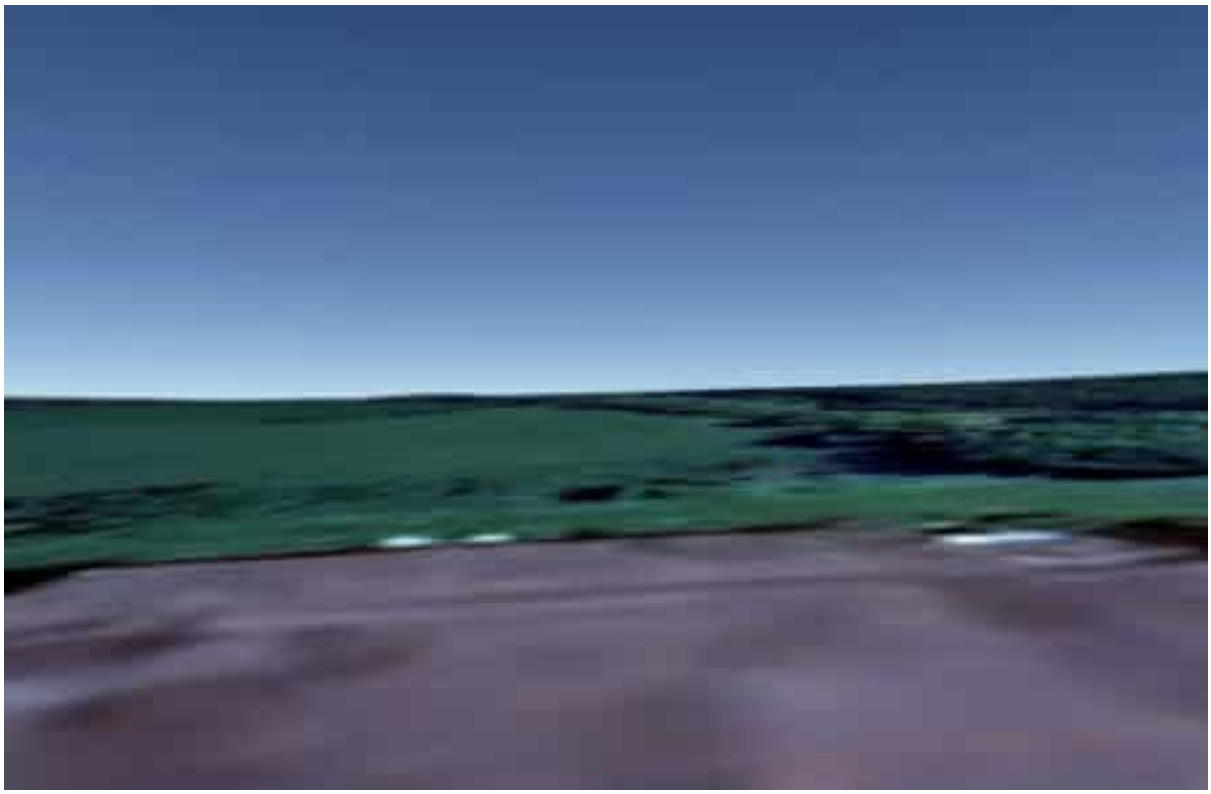
Residential Receptors

Receptors 5 and 6 (Group A Receptors 5 and 6)



Receptor 7 (Group A Receptor 7)

Receptors 8 – 11 (Group A Receptors 8 – 11)

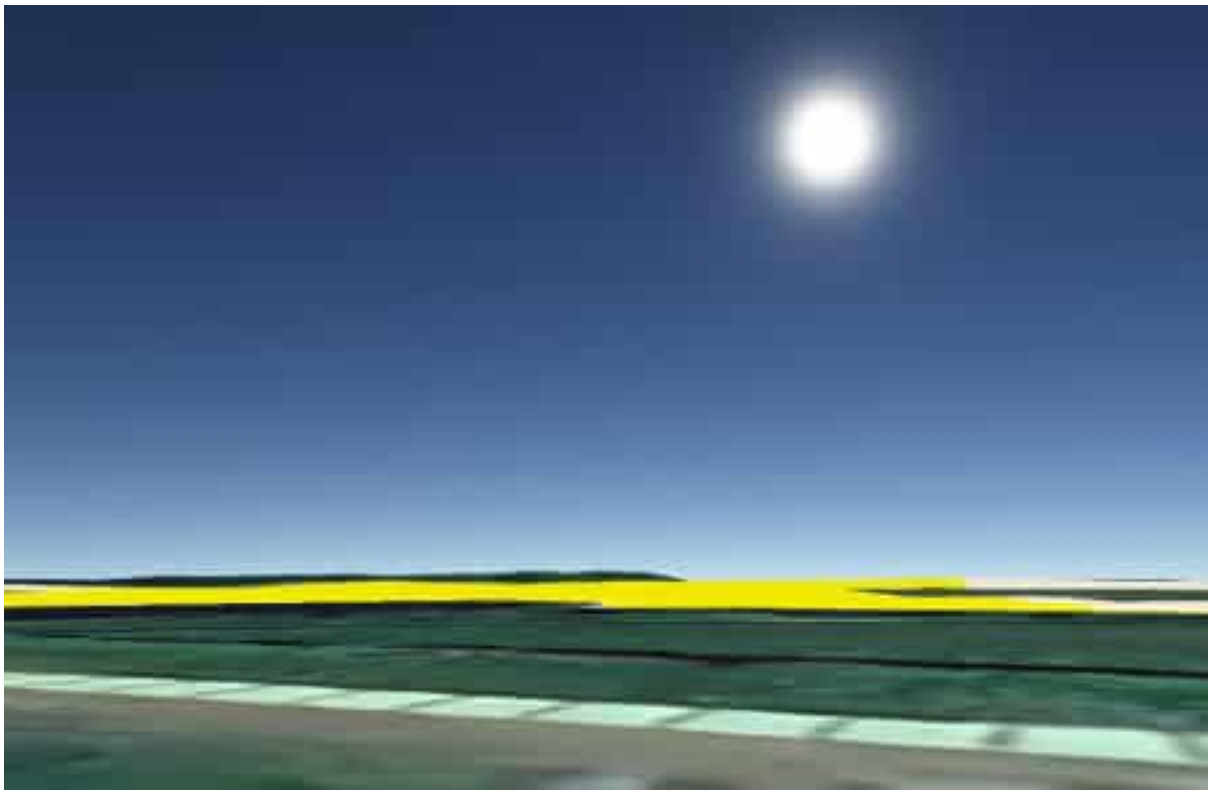
Receptor 13 (Group A Receptor 13)

Receptor 14 (Group A Receptor 14)

Receptors 15 – 17 (Group A Receptors 15 – 17)

March 20th 06:45 UTC

June 1st 07:15 UTC



Receptors 18 and 19 (Group A Receptors 18 and 19)

April 10th 06:45 UTC

May 15th 07:00 UTC

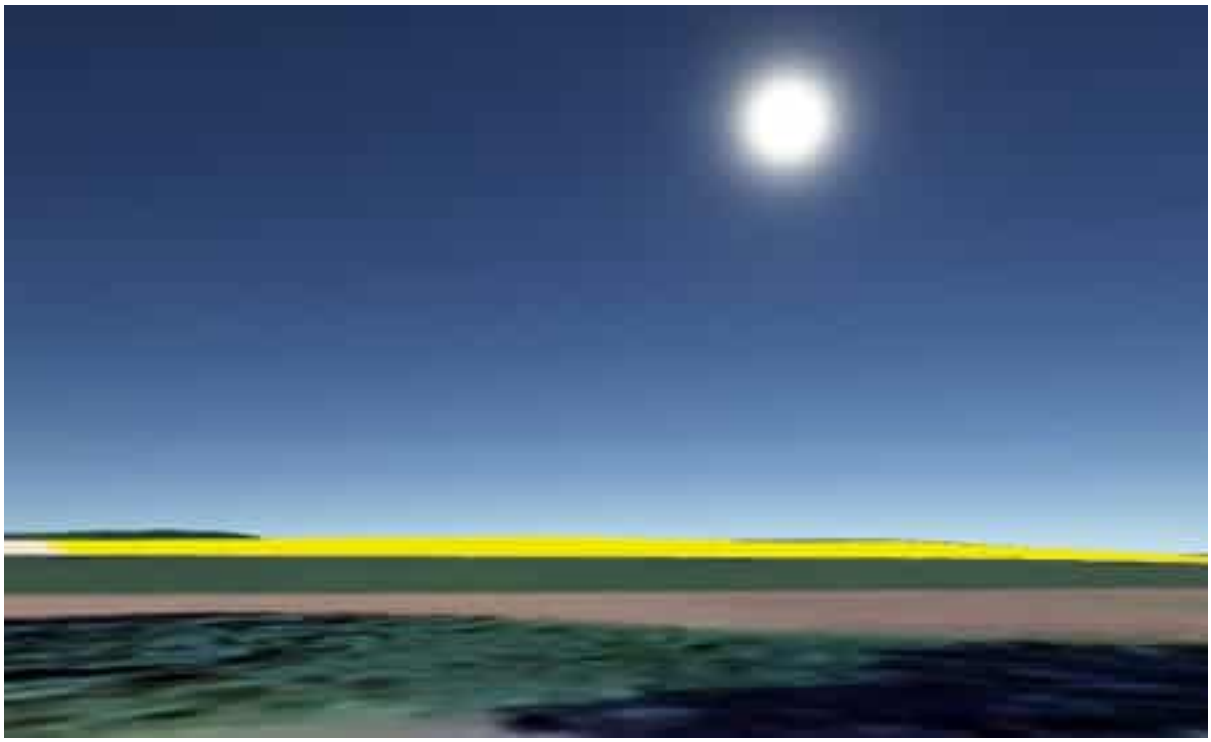
Receptor 20 (Group A Receptor 20)

Receptors 21 – 27 (Group A Receptors 21 – 27)

Looking East

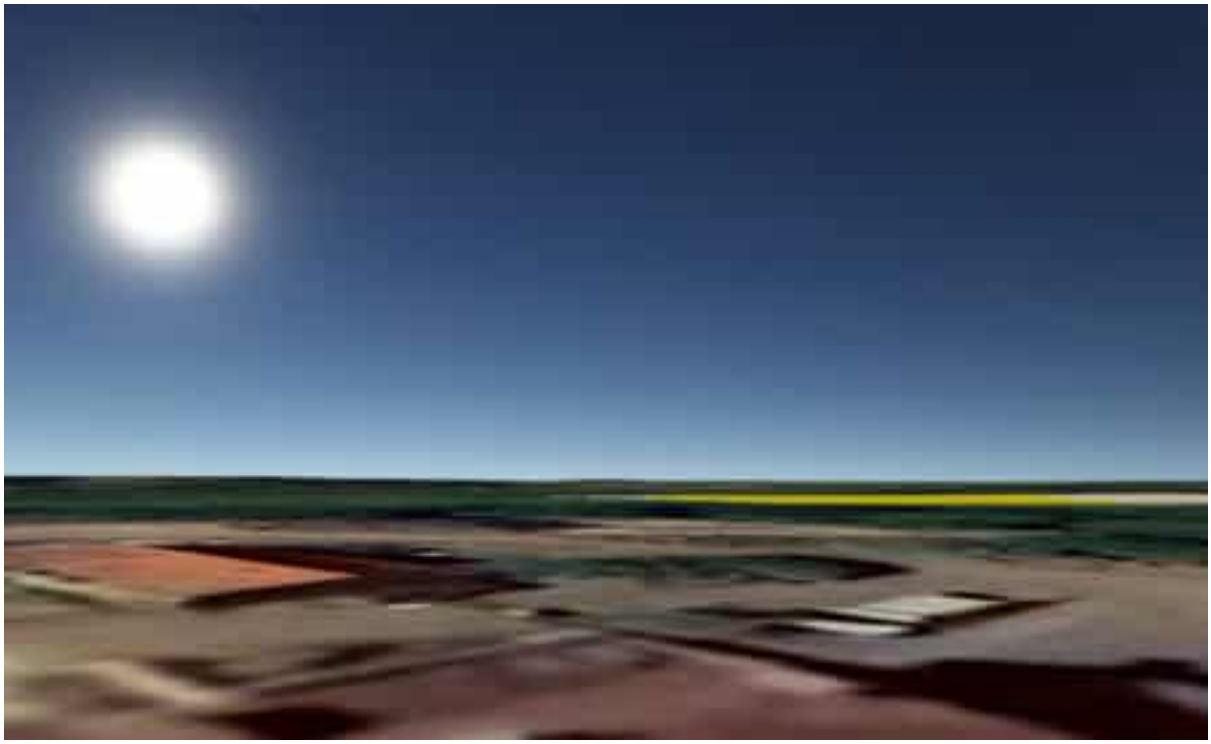
March 25th 06:45 UTC

June 1st 07:15 UTC

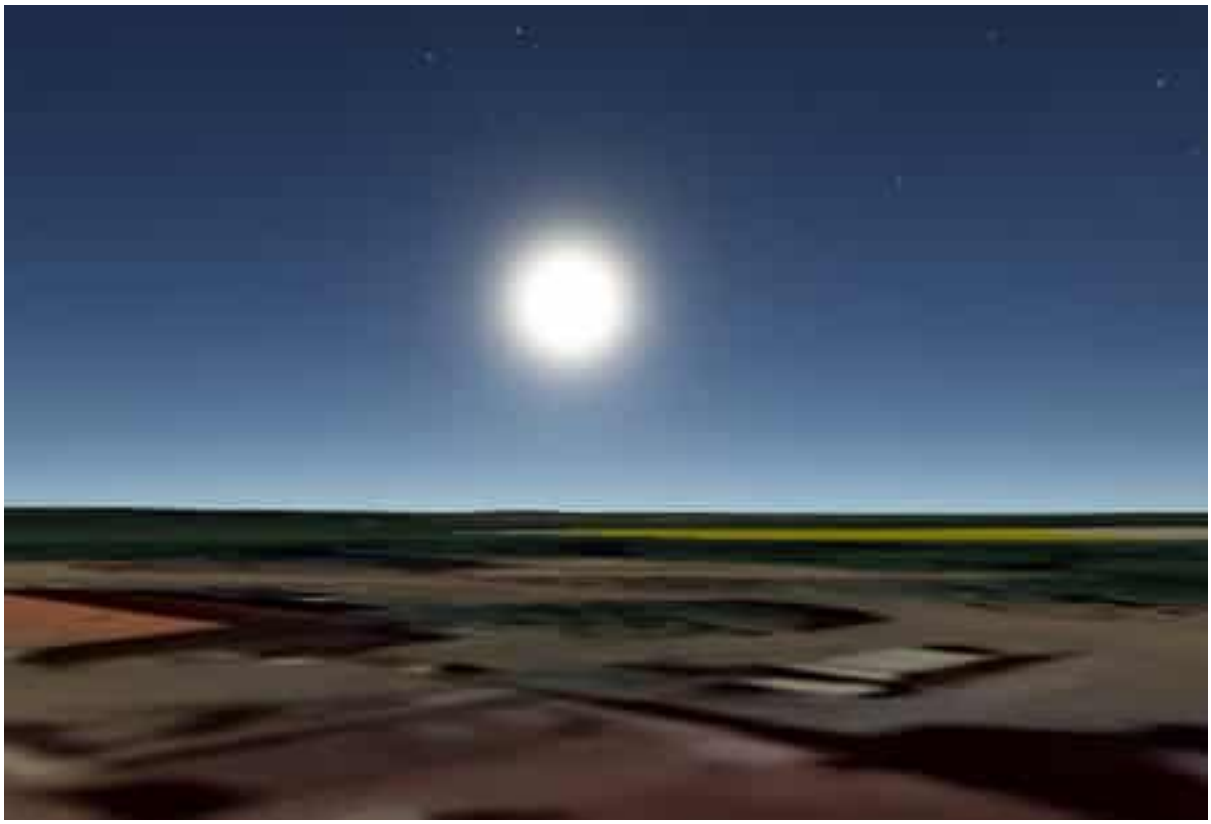


Looking West

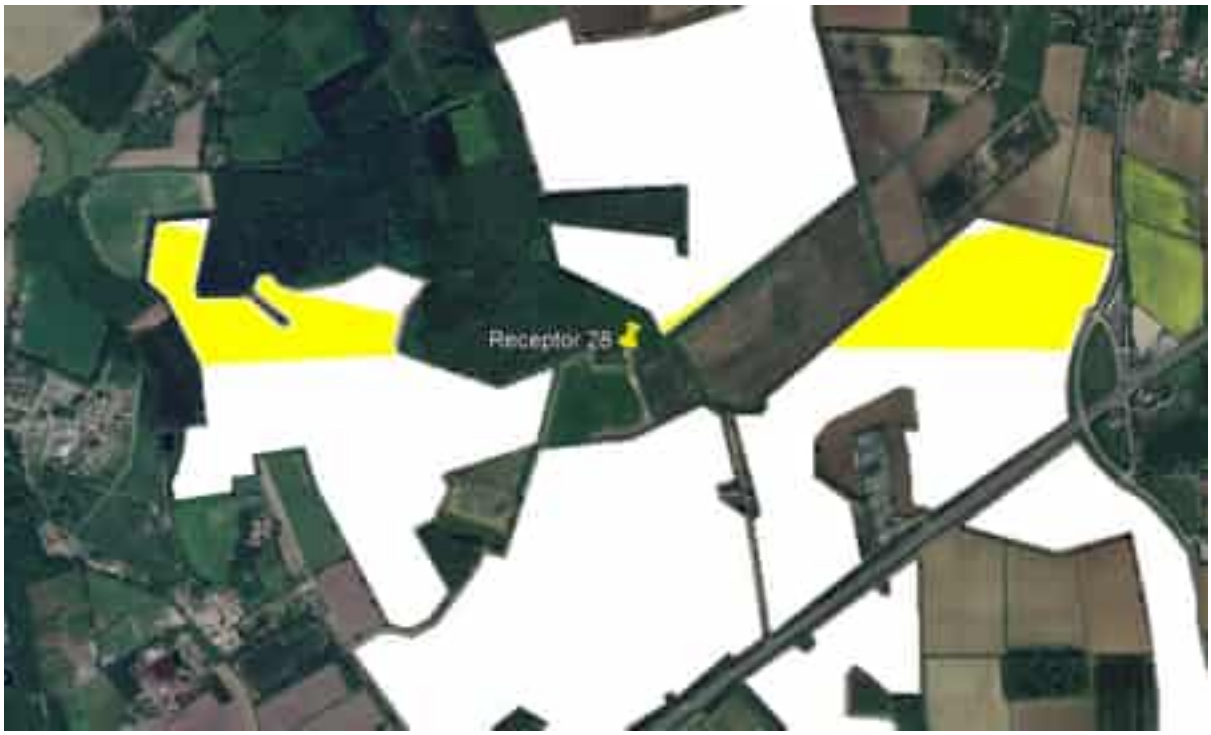
April 15th 17:15 UTC



July 1st 19:00 UTC



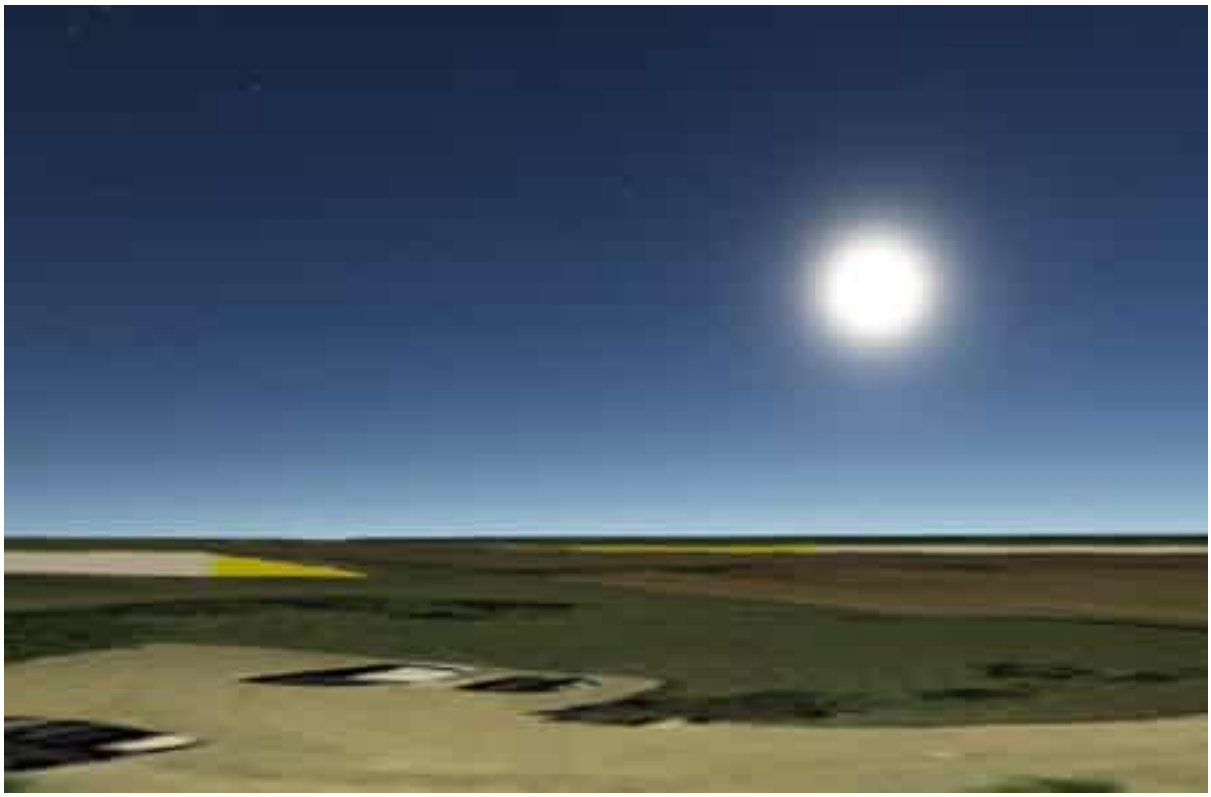
Receptor 28 (Group A Receptor 28)



Looking East

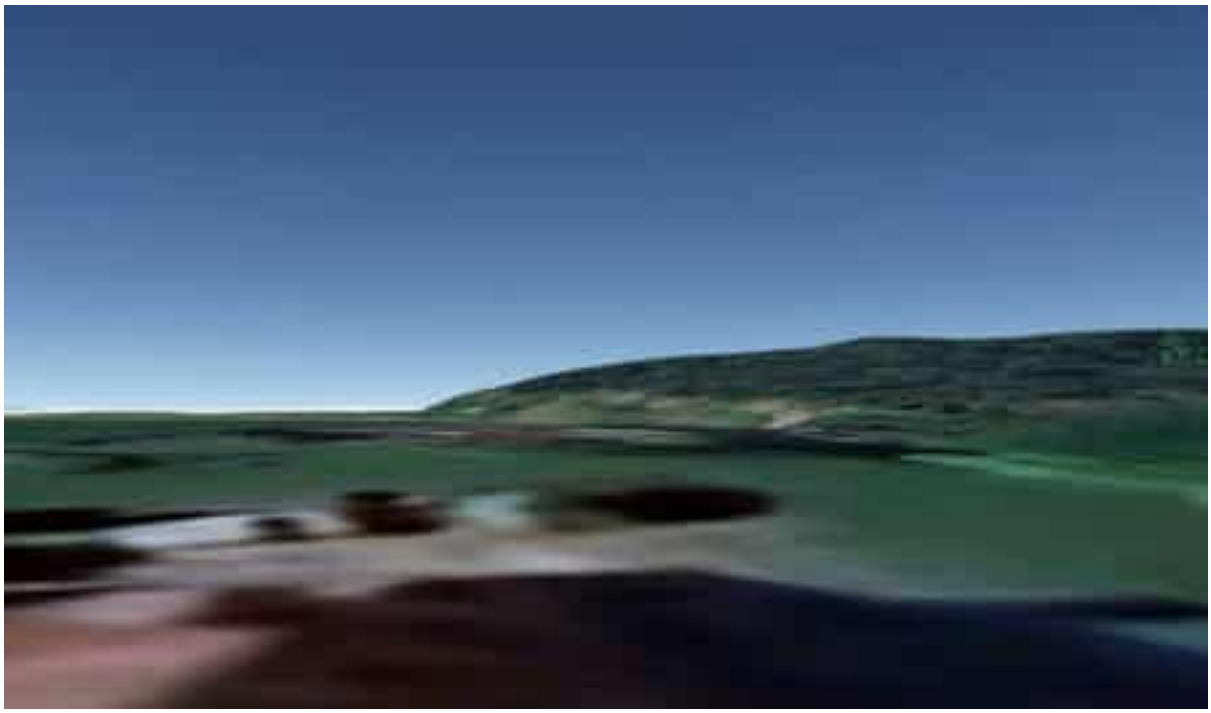
March 15th 06:30 UTC

April 15th 06:45 UTC



June 15th 04:45 UTC

Looking West



Receptor 29 (Group A Receptor 29)

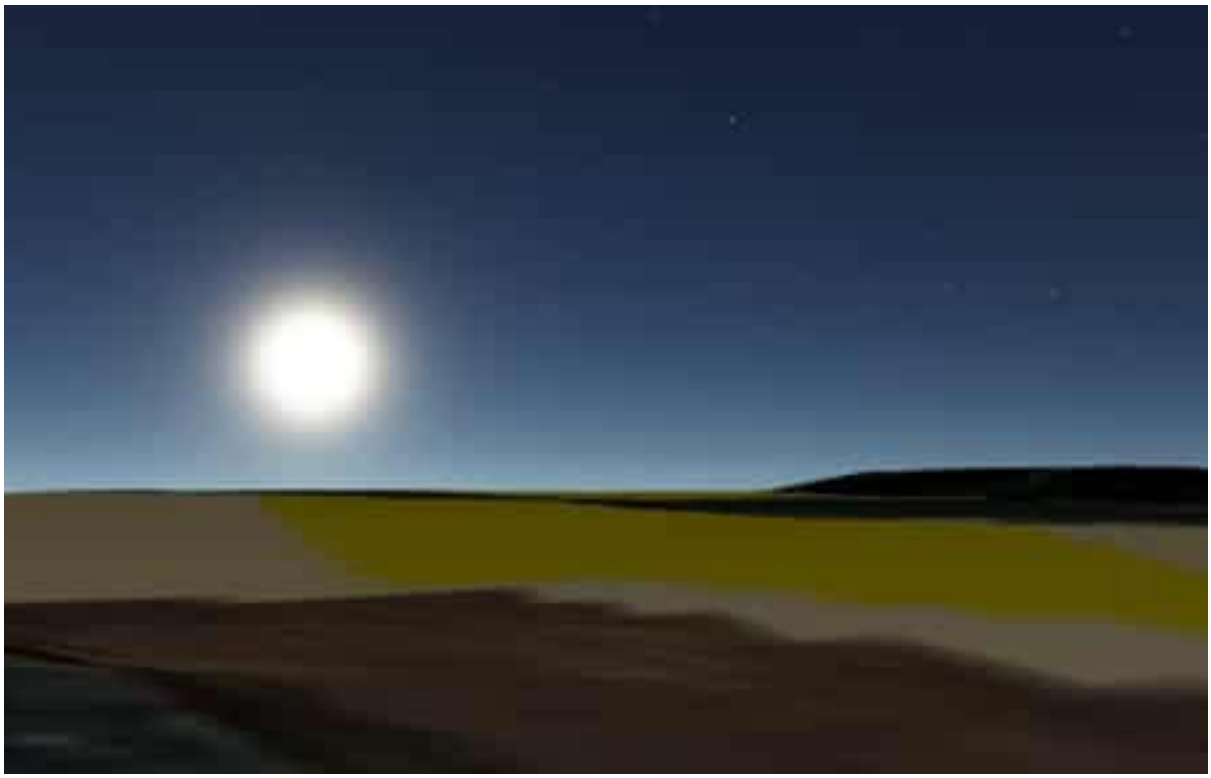
Looking East

April 1st 06:30 UTC

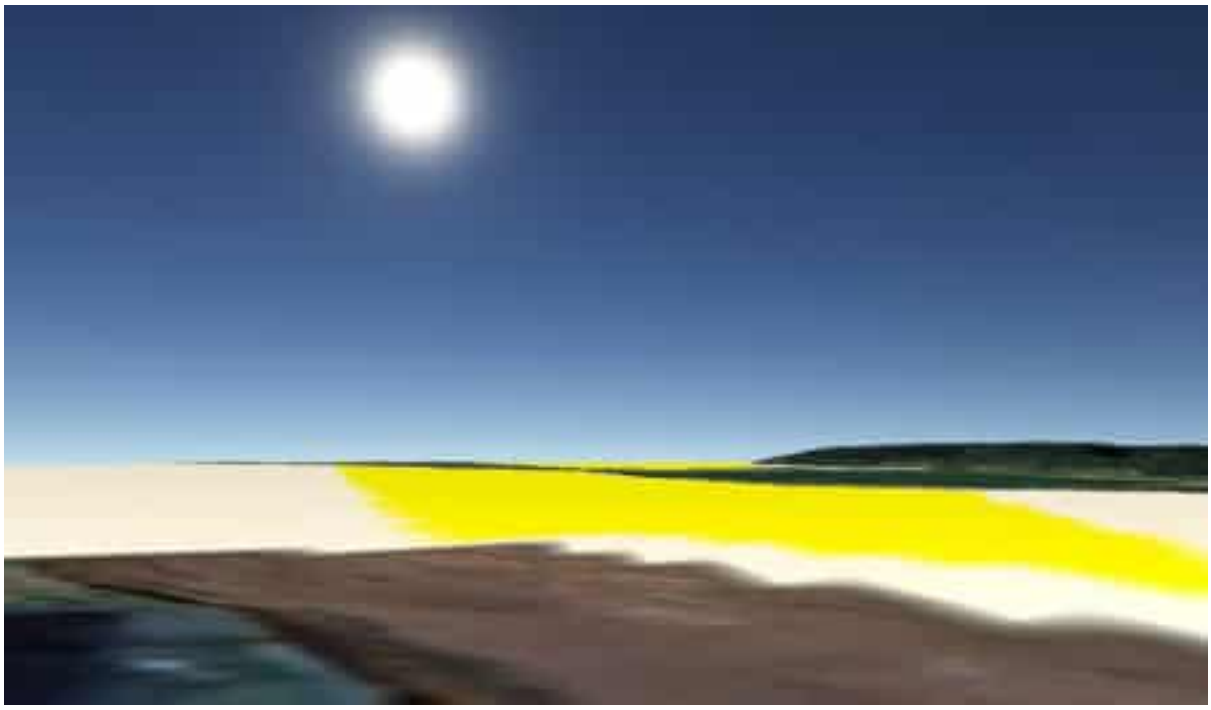
July 1st 06:45 UTC

Looking West

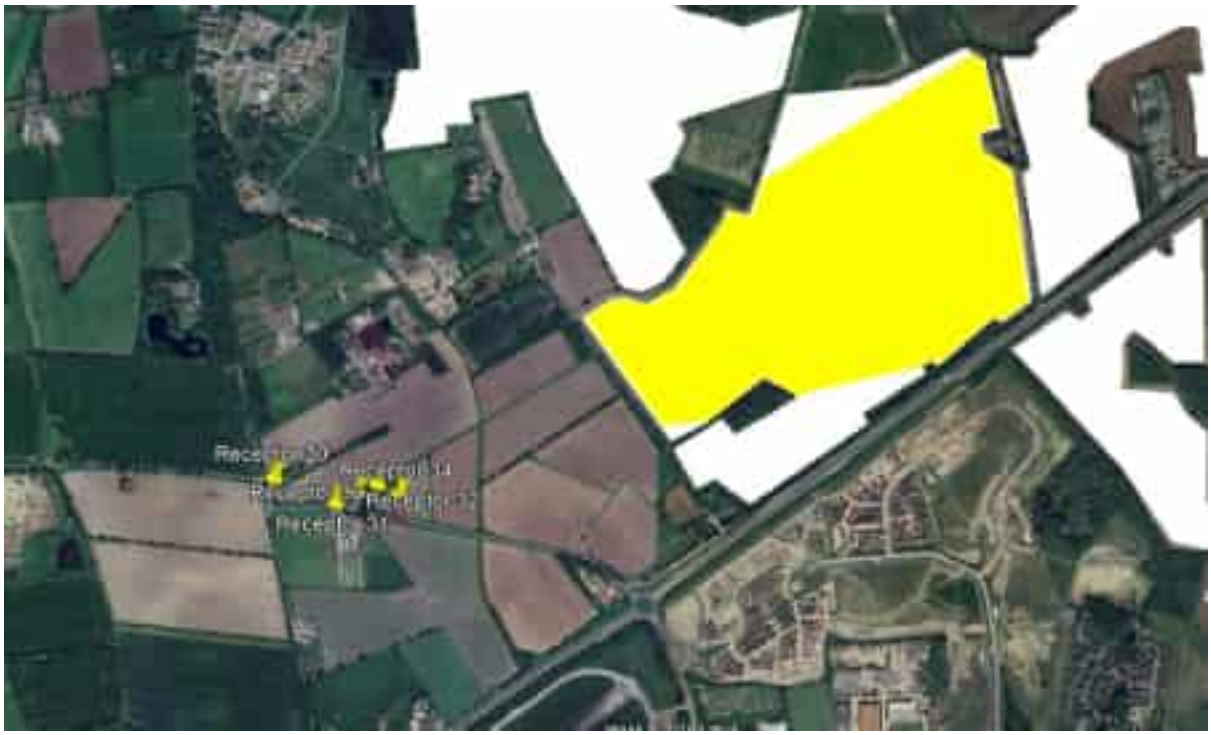
April 1st 17:45 UTC



May 15th 17:00 UTC



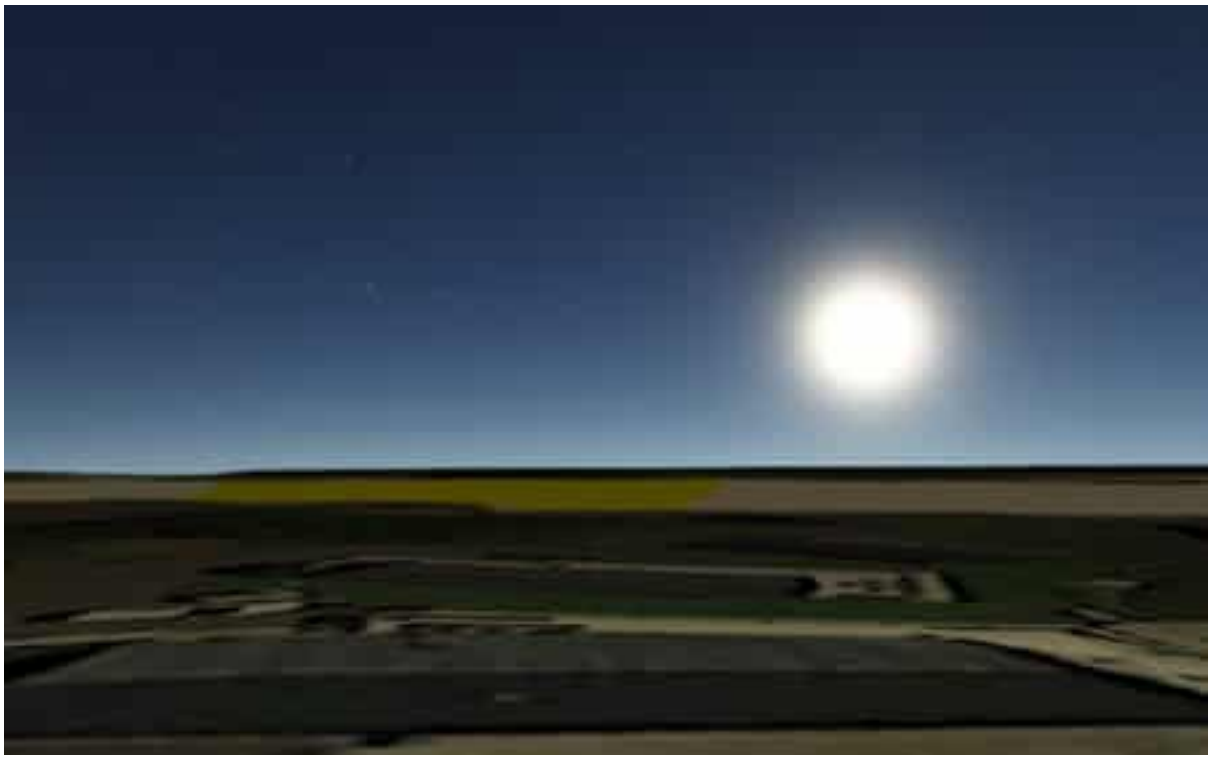
Receptors 30 – 34 (Group A Receptors 30 – 34)



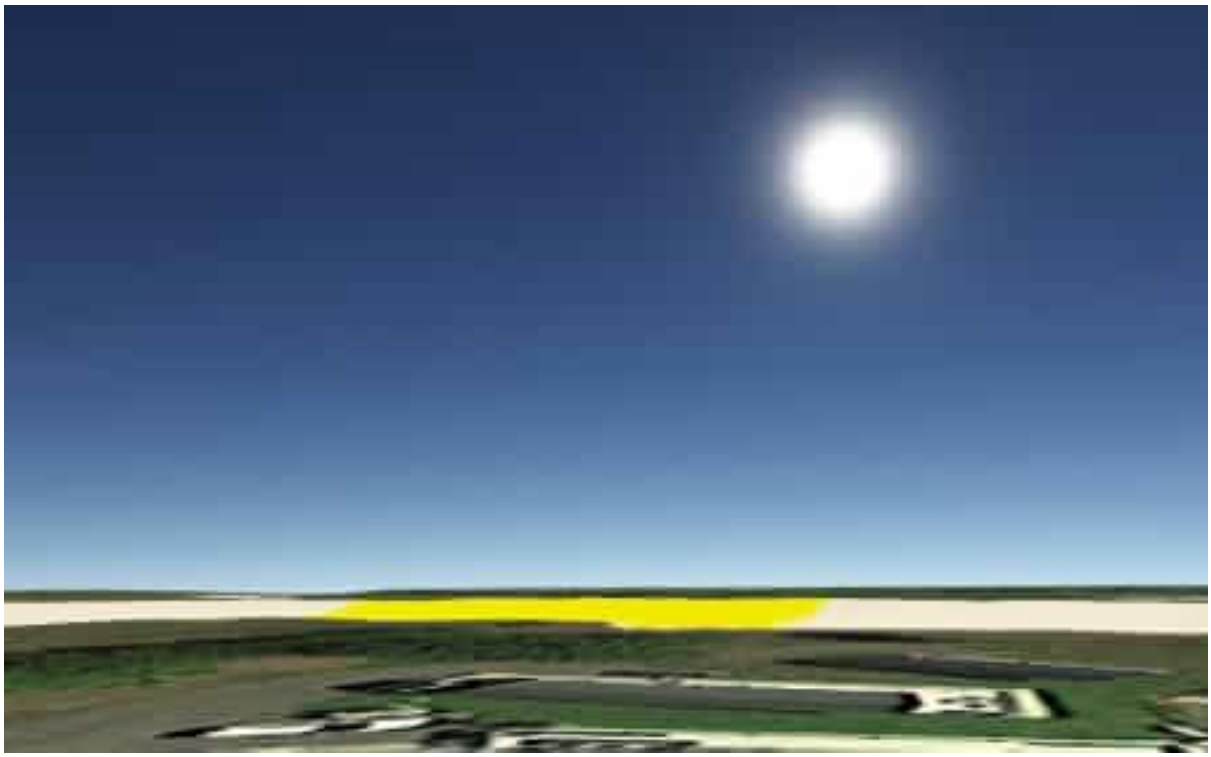
Receptor 38 (Group A Receptor 38)

Looking East

April 1st 06:30 UTC



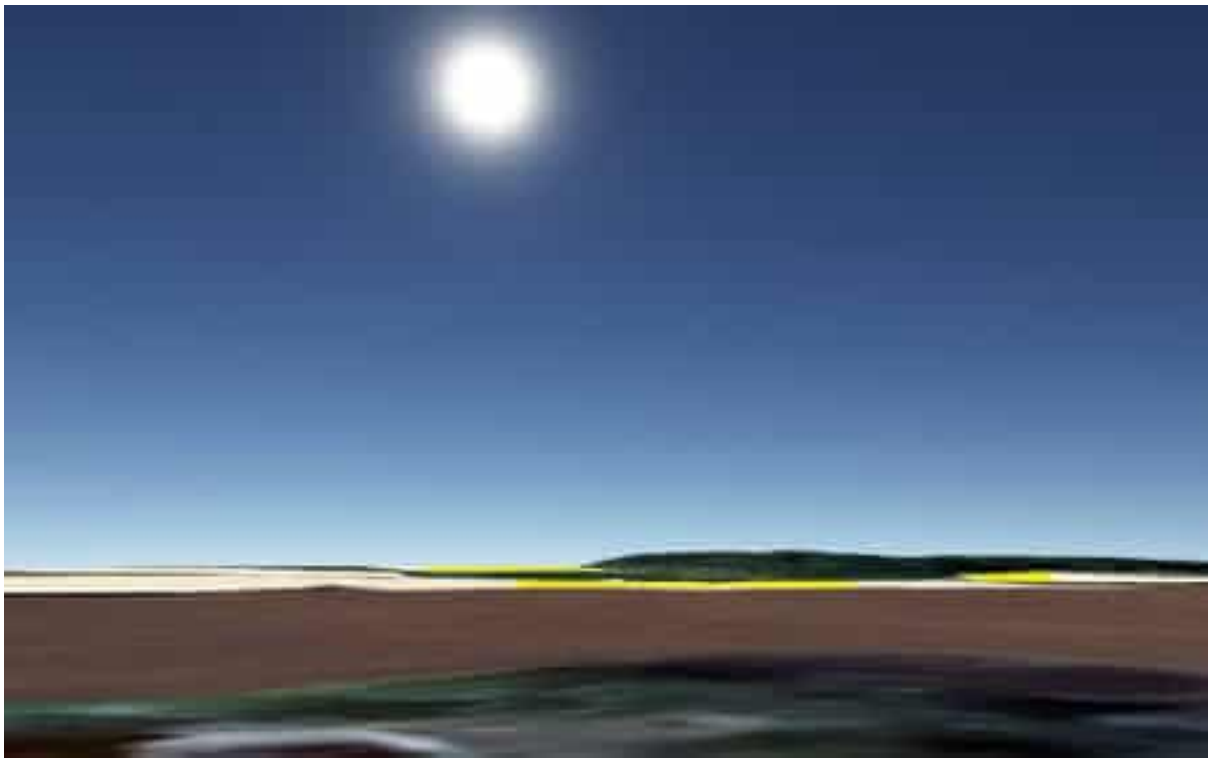
July 15th 07:00 UTC



Looking West

April 1st 17:45 UTC

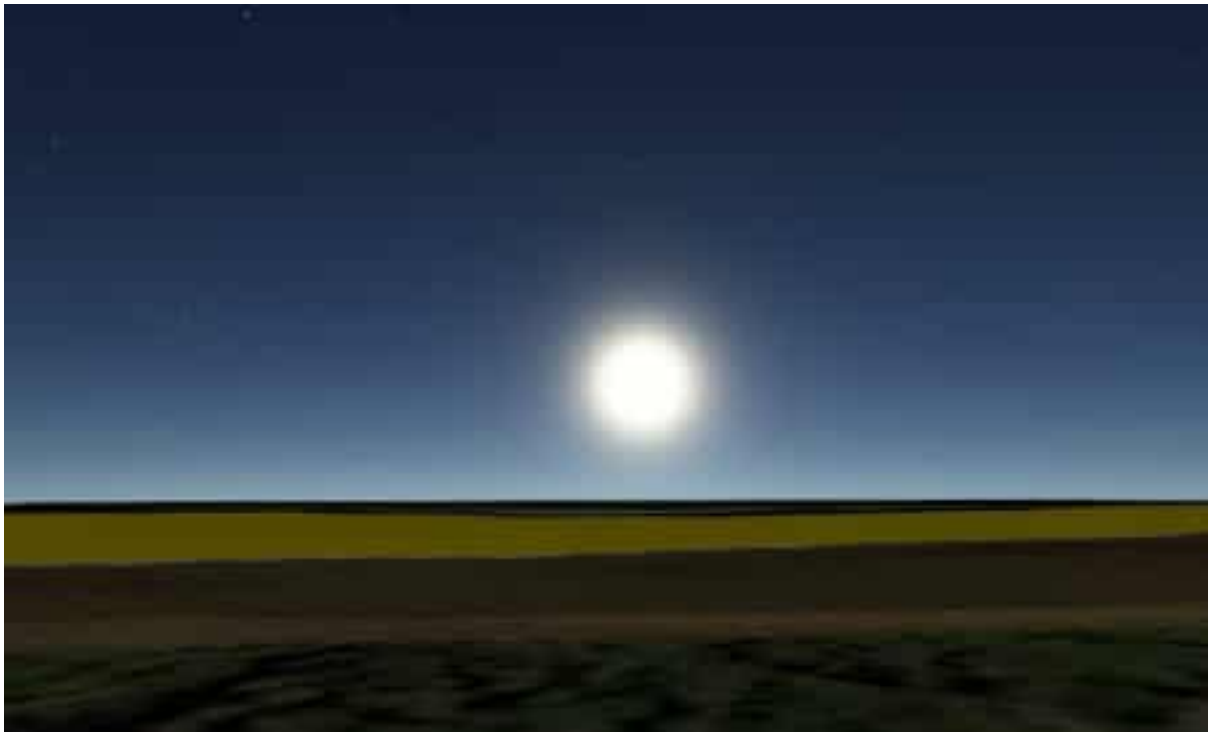
July 1st 17:00 UTC



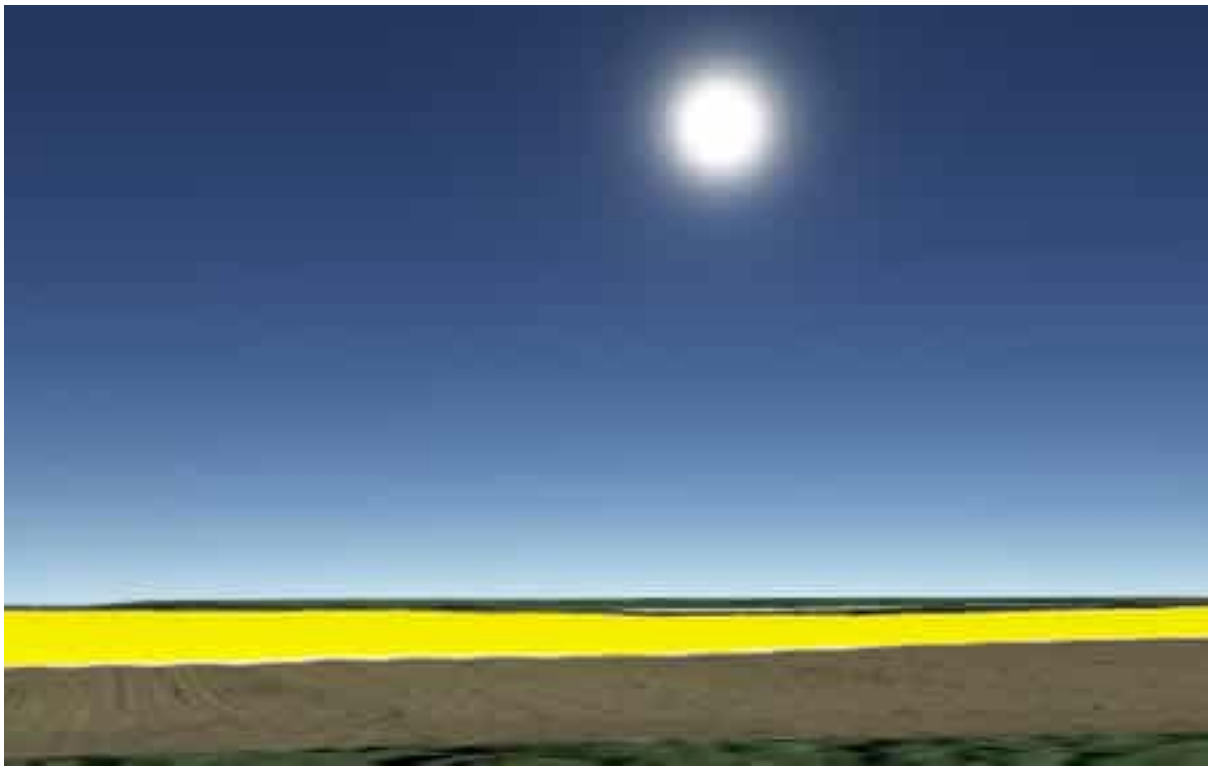
Receptors 39 and 40 (Group A Receptors 39 and 40)

Looking East

April 1st 06:30 UTC



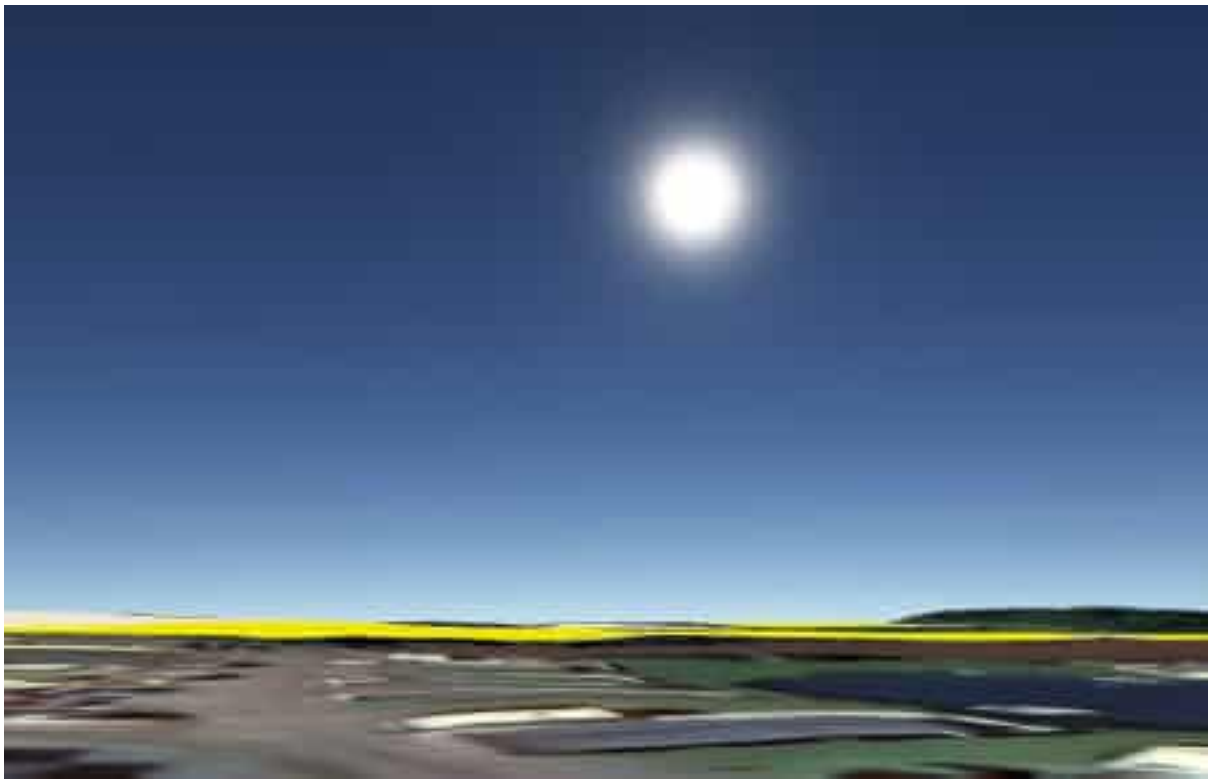
July 1st 07:15 UTC



Looking West

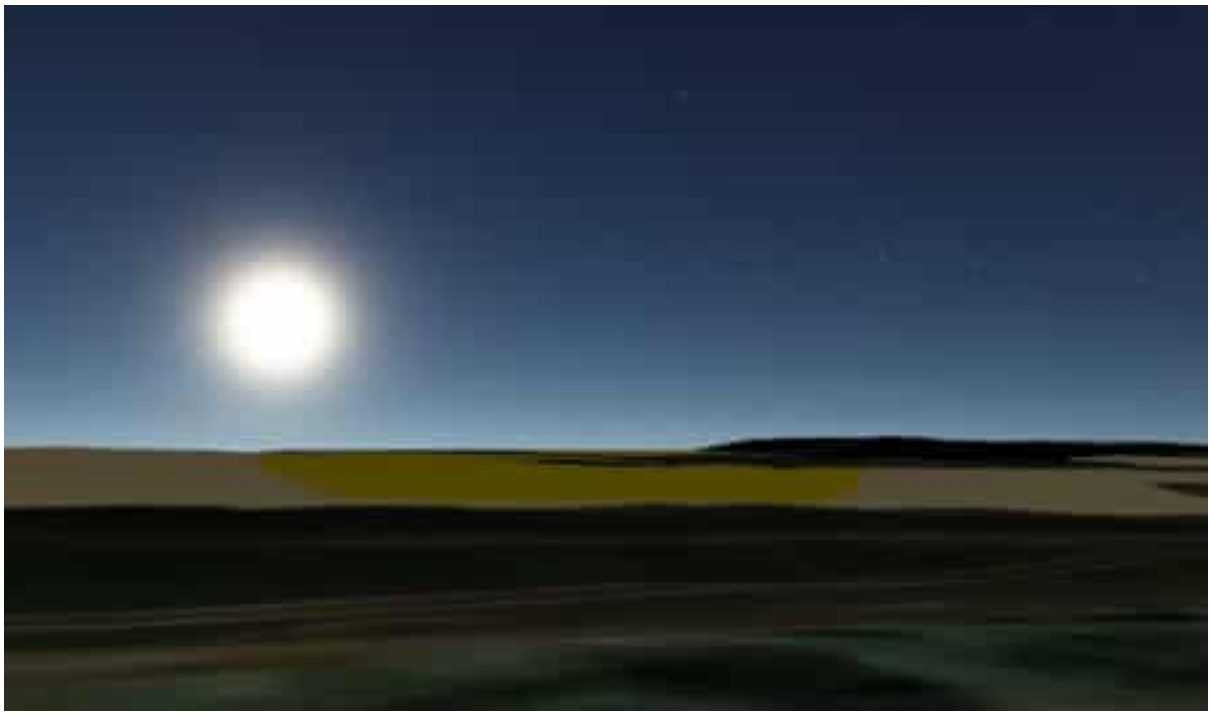
April 1st 18:00 UTC

June 1st 17:00 UTC

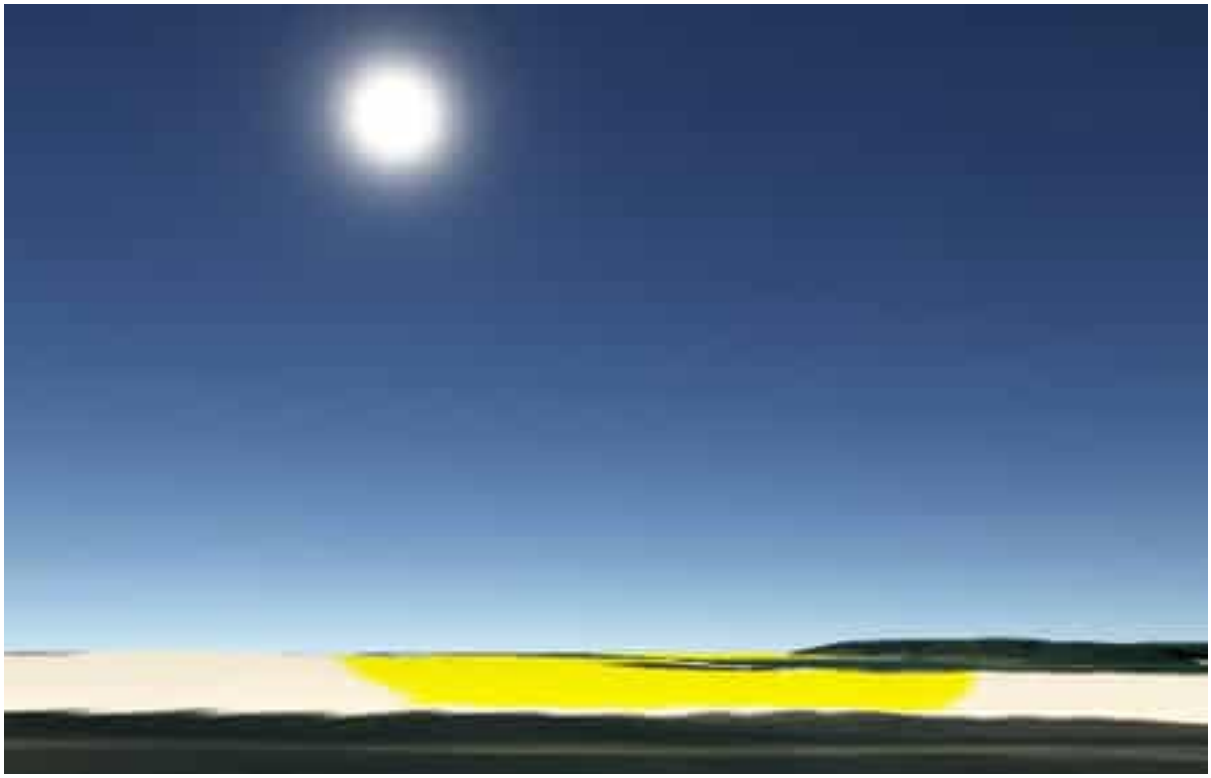


Receptor 41 (Group A Receptor 41)

April 1st 17:45 UTC



May 1st 17:00 UTC

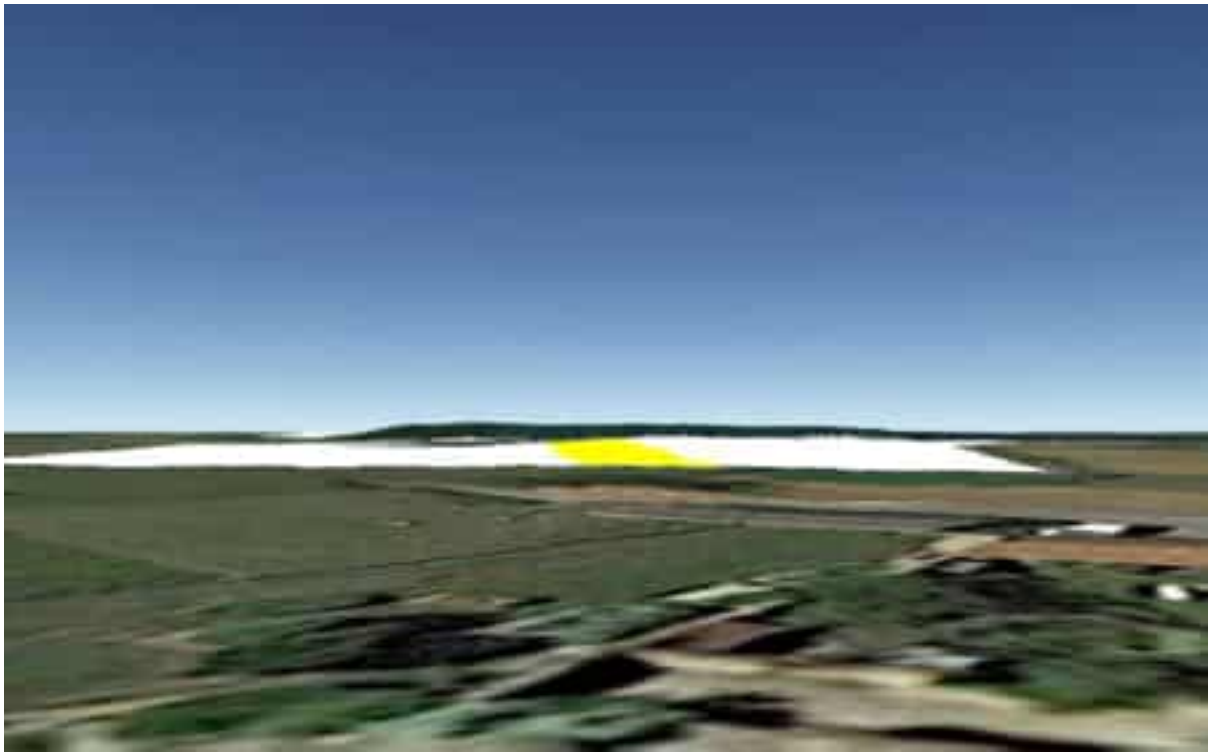


Receptor 43 (Group A Receptor 43)

Receptors 43 - 47 (Group A Receptors 43 - 47)

Receptors 48 – 51 (Group A Receptors 48 – 51)

Receptor 52 (Group A Receptor 52)



Receptor 53 (Group A Receptor 53)

Receptors 54 – 58 (Group A Receptors 54 – 58)

Receptors 59 – 62 (Group A Receptors 59 – 62)

Receptor 63 (Group A Receptor 63)

Receptors 64 – 67 (Group A Receptors 64 – 67)

January 1st 12:00 UTC

October 1st 17:15 UTC

December 1st 14:30 UTC

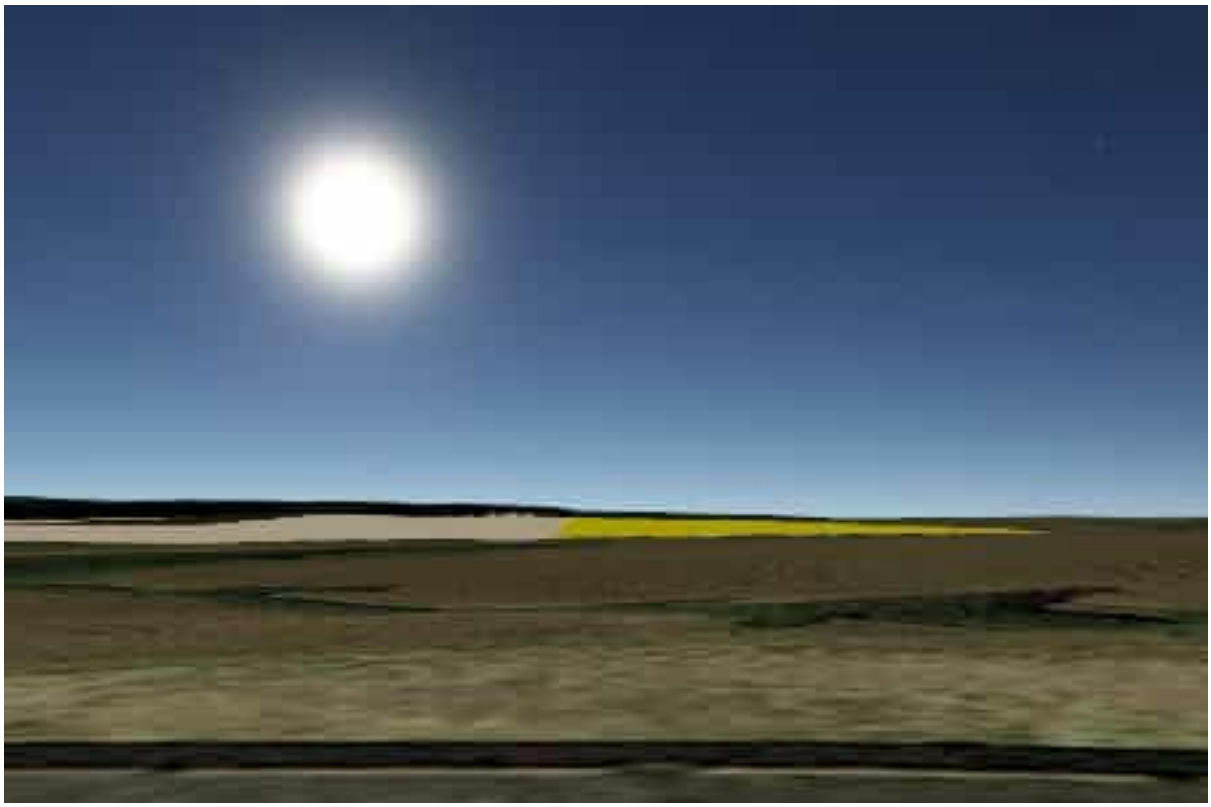
Receptors 68 - 70 (Group A Receptors 68 - 70)

Receptor 71 (Group A Receptor 71)

Looking West

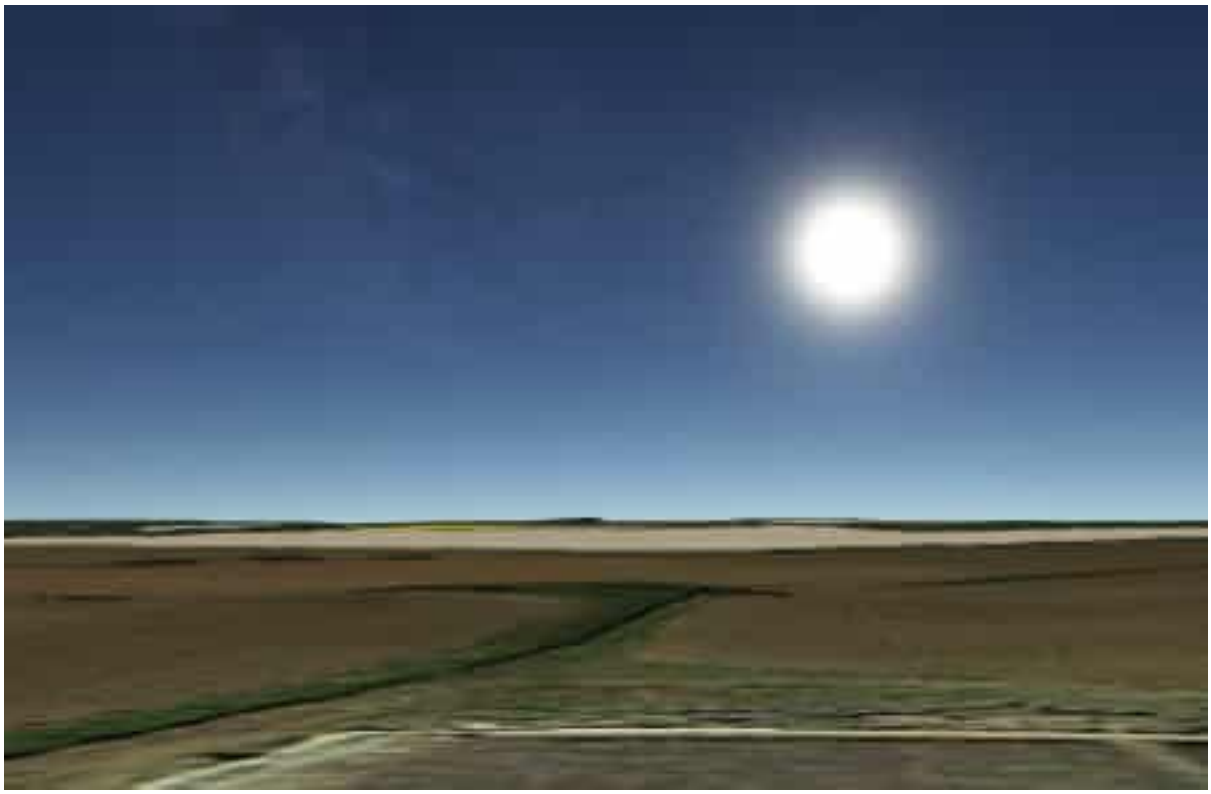
March 15th 17:45 UTC

April 1st 17:00 UTC



Looking South

December 15th 12:45 UTC



Receptor 72

Receptors 73 – 75 (Group A Receptors 73 – 75)

Receptors 76 and 77 (Group A Receptors 76 and 77)

Receptor 78 (Group A Receptor 78)

Receptors 79 and 80 (Group A Receptors 79 and 80)

Receptor 81 (Group B Receptor 1)

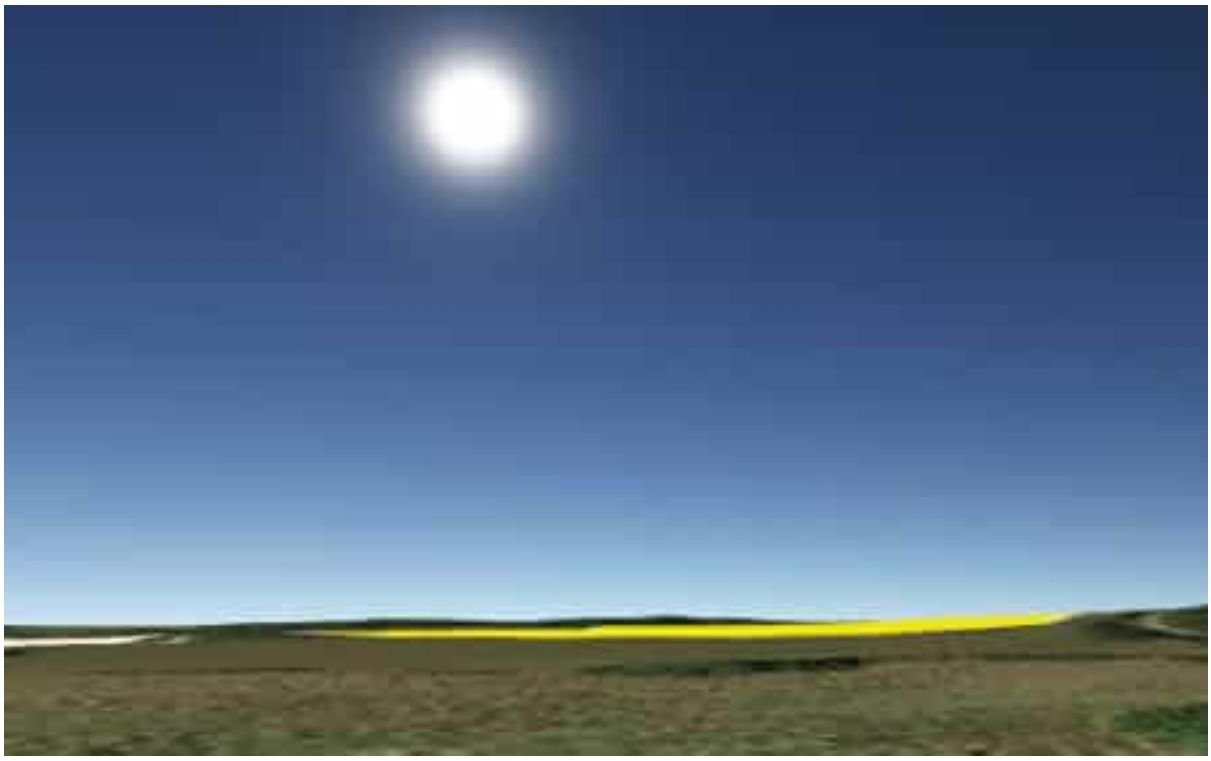
Looking East

Looking West

Receptor 82 (Group B Receptor 2)

March 15th 17:45 UTC

May 25th 16:45 UTC



Receptor 83 (Group B Receptor 3)

Receptors 93 and 94 (Group B Receptors 13 and 14)

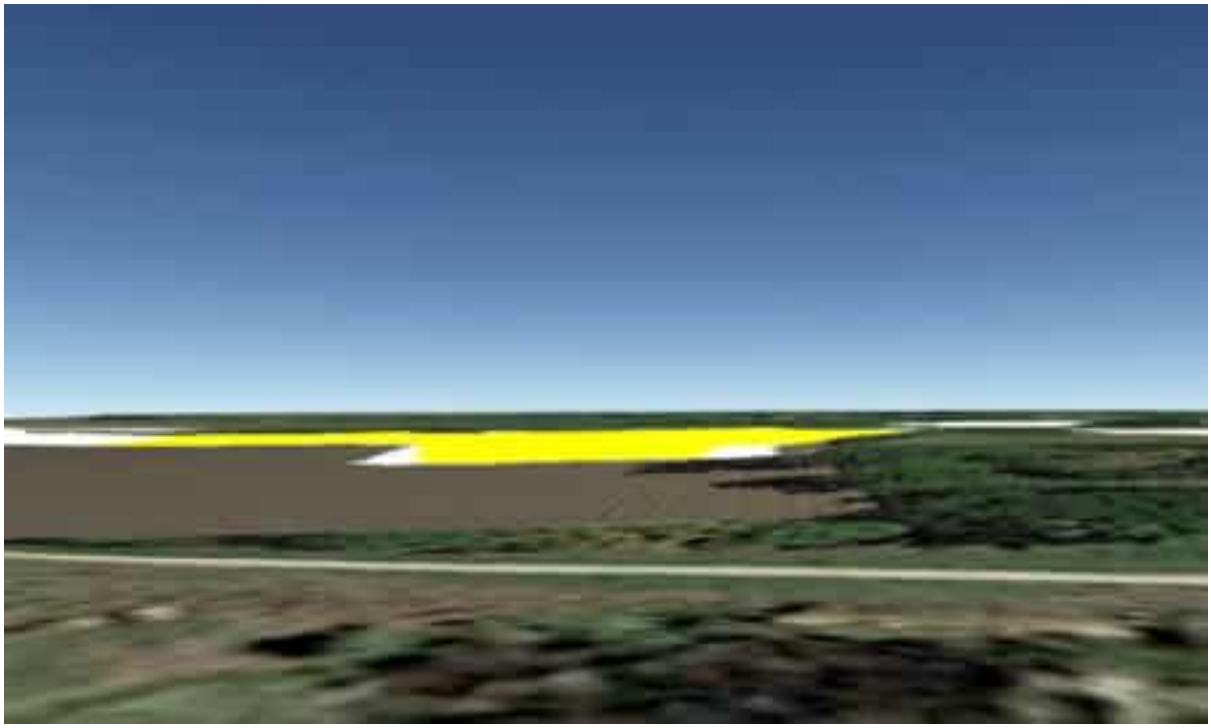
Receptor 95 (Group B Receptor 15)

Receptor 96 (Group B Receptor 16)

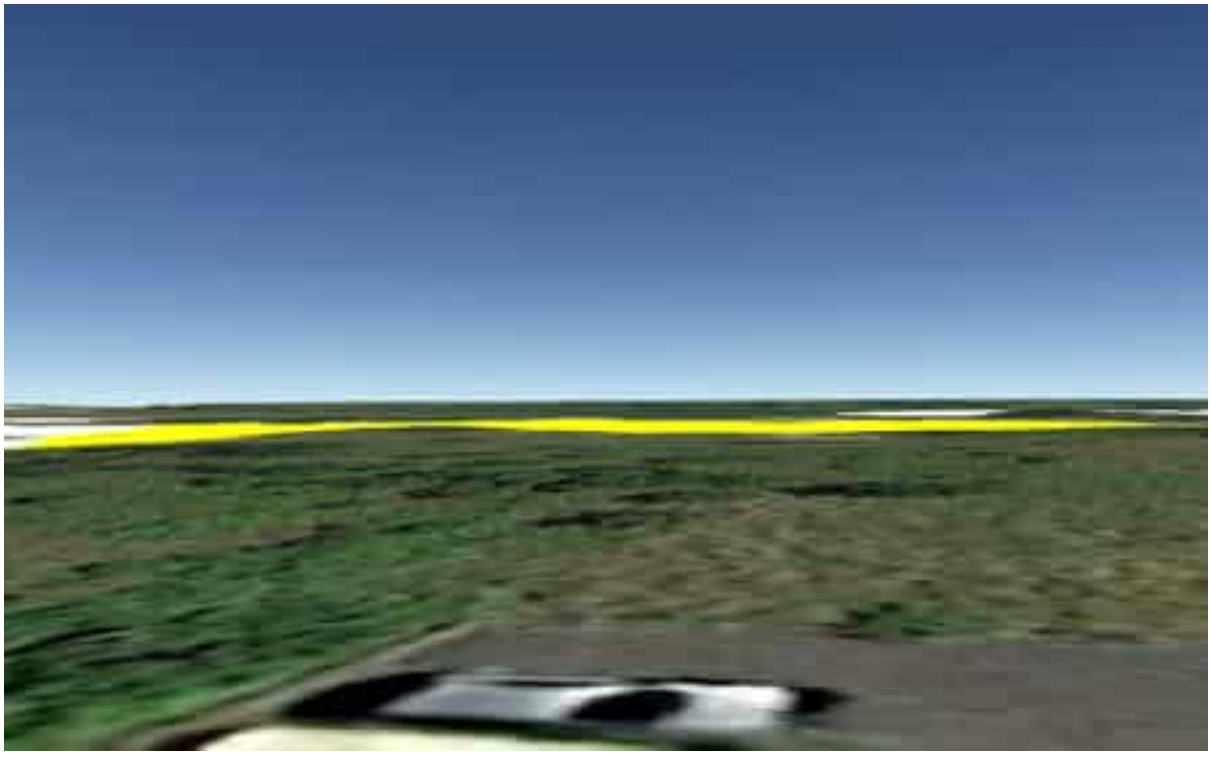
Receptors 97 and 98 (Group B Receptors 17 and 18)

Receptor 99 (Group B Receptor 19)

Receptor 100 (Group B Receptor 20)

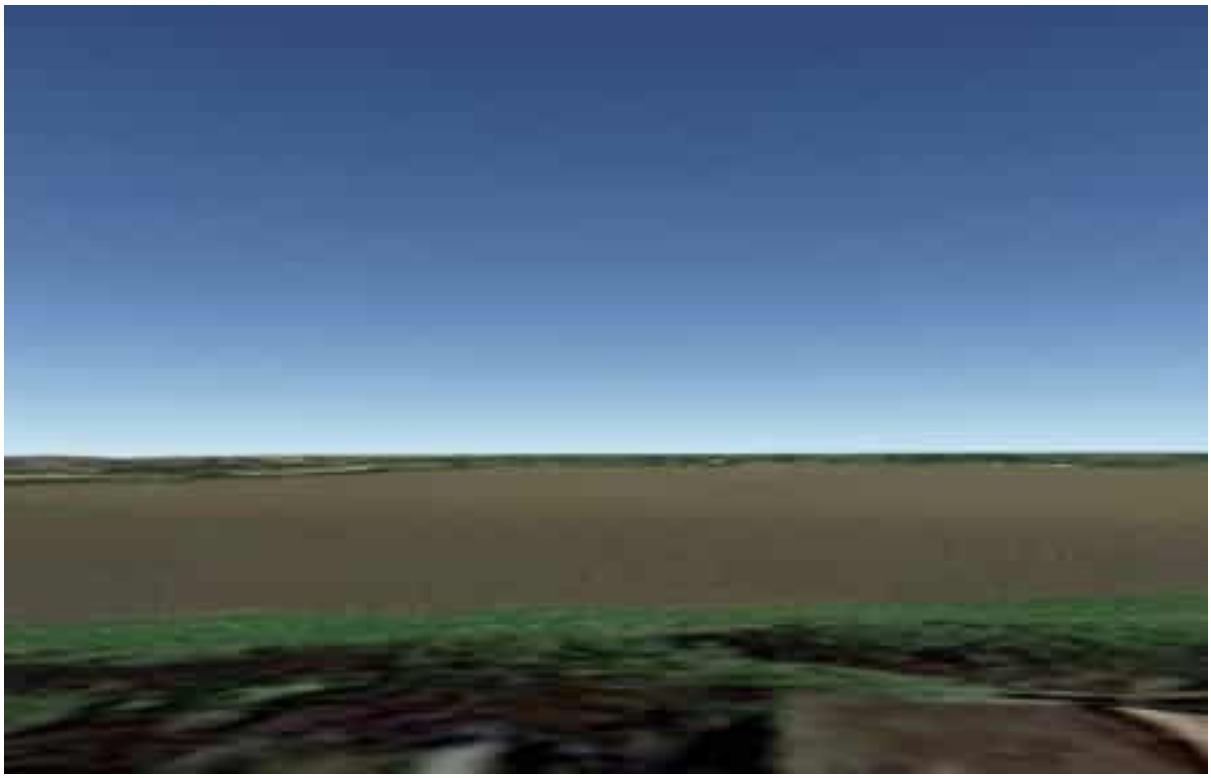


Receptors 101 and 102 (Group B Receptors 21 and 22)

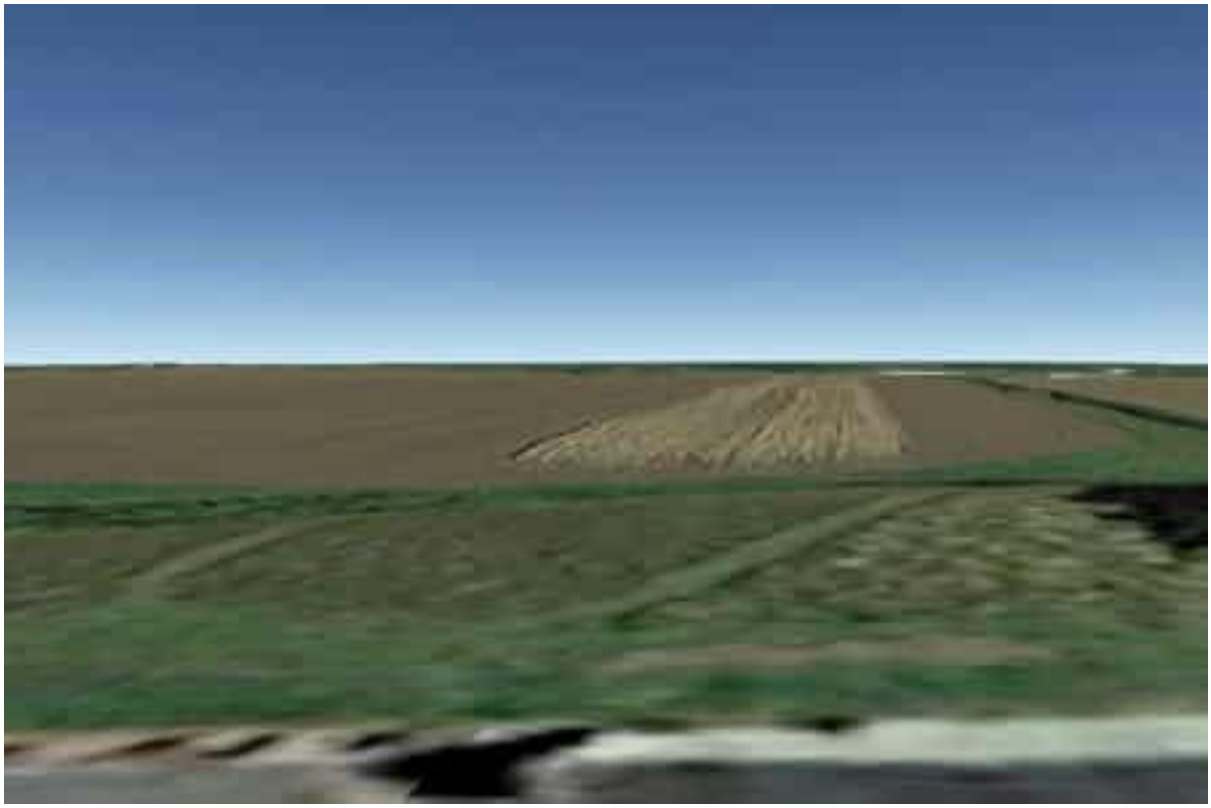


Receptors 103 and 104 (Group B Receptors 23 and 24)

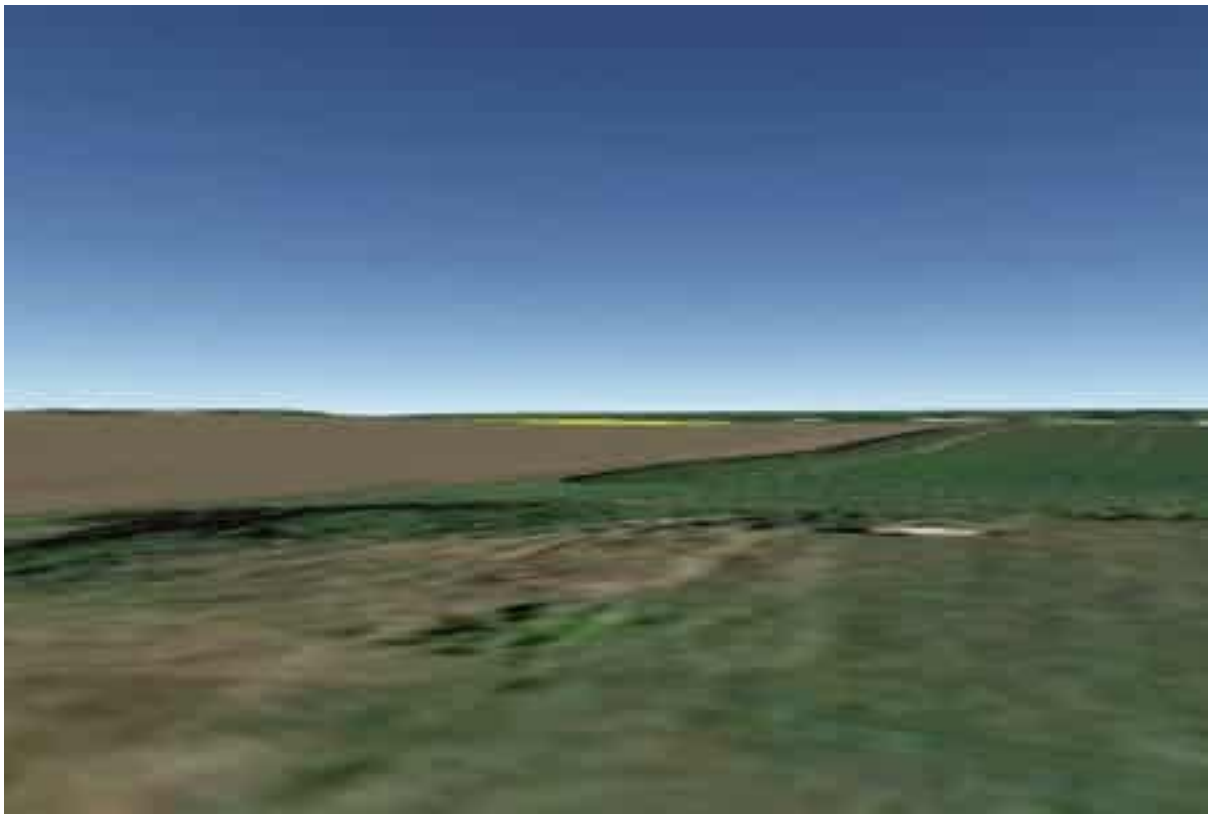
Receptor 106



Receptor 107 (Group B Receptor 27)



Receptor 108 (Group B Receptor 28)



Receptors 110 – 114 (Group B Receptors 30 – 34)

Receptors 117 - 119 (Group B Receptors 37 - 39)

Receptor 121 (Group B Receptor 41)

Receptor 122 (Group B Receptor 42)

Receptors 123 – 125 (Group B Receptors 43 – 45)

Receptor 135 (Group B Receptor 55)

Receptors 136 – 138 (Group B Receptors 56 – 58)

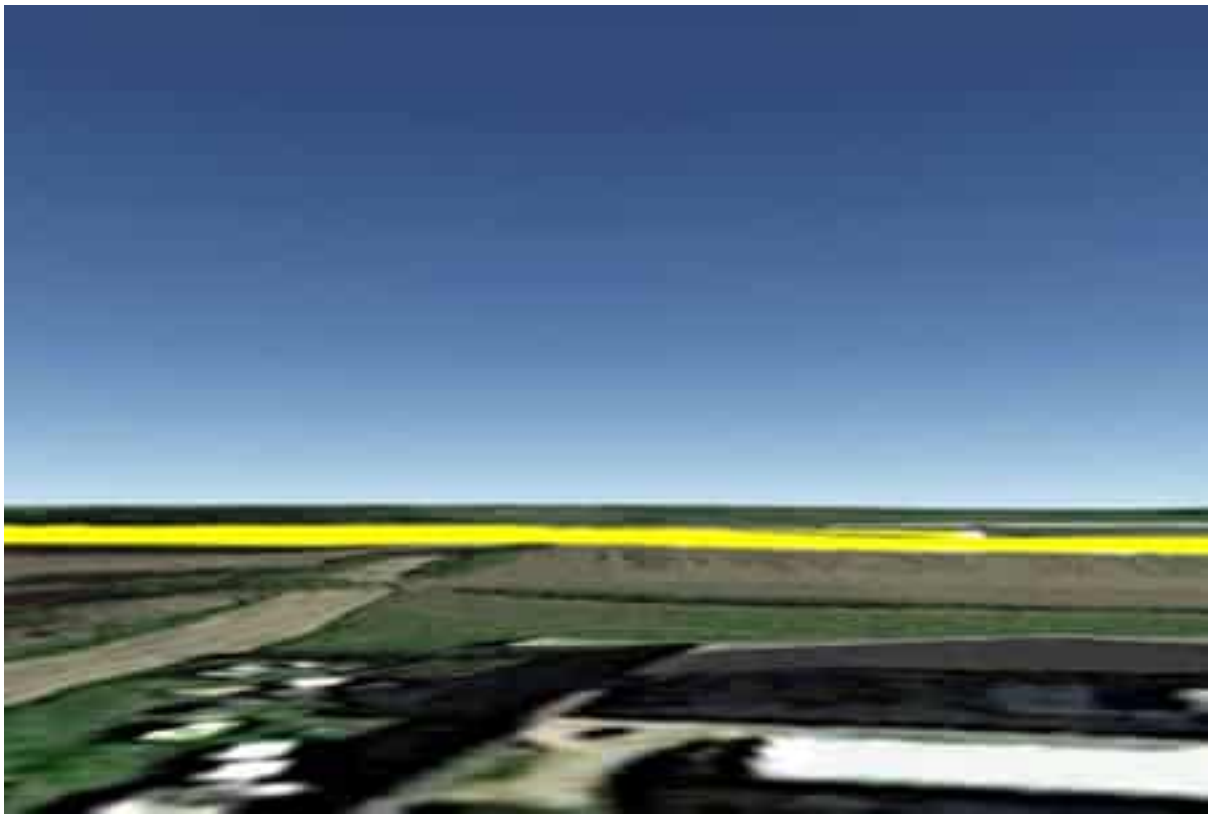
Receptors 139 – 142 (Group B Receptors 59 – 62)

Receptors 143 and 144 (Group B Receptors 60 and 61)

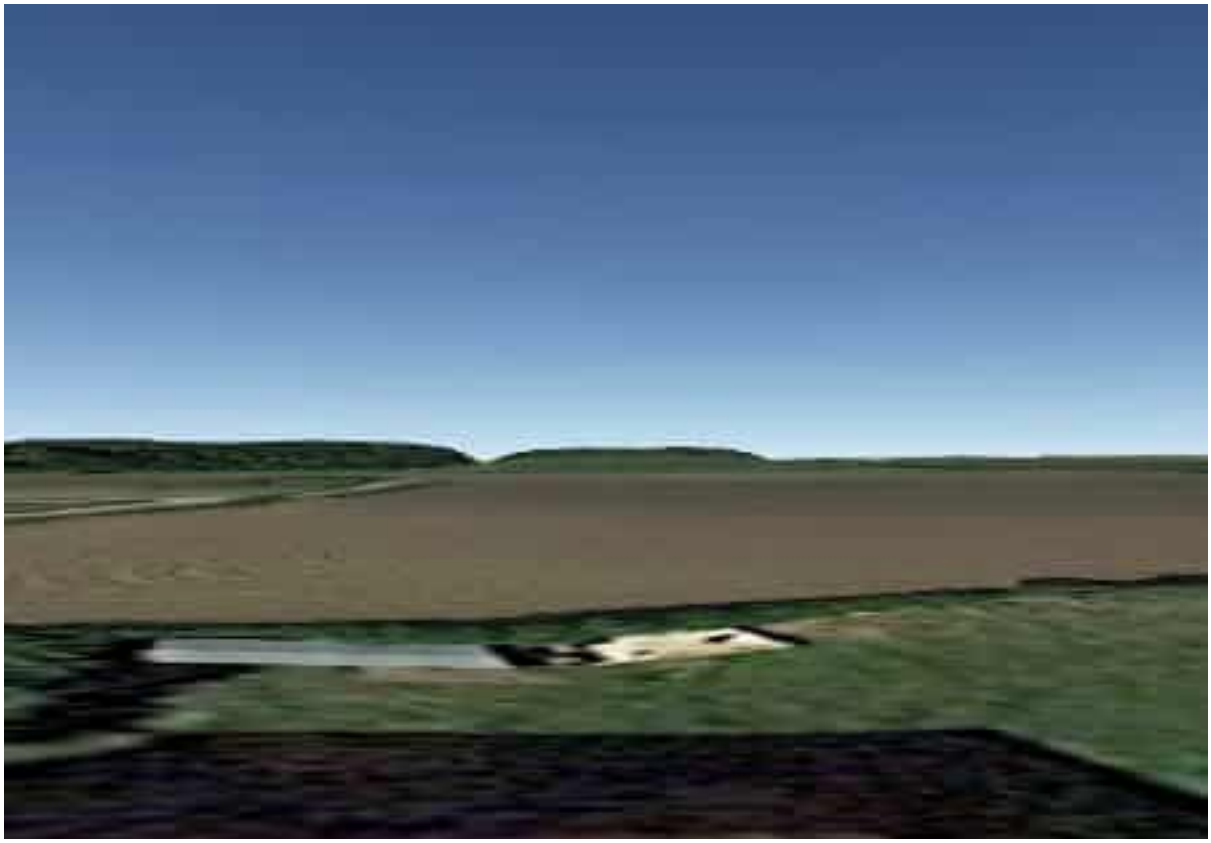
Receptor 145 (Group B Receptor 65)

Receptors 146 and 147 (Group B Receptors 66 and 67)

Receptor 148 (Group B Receptor 68)



Receptors 149 and 150 (Group B Receptors 69 and 70)

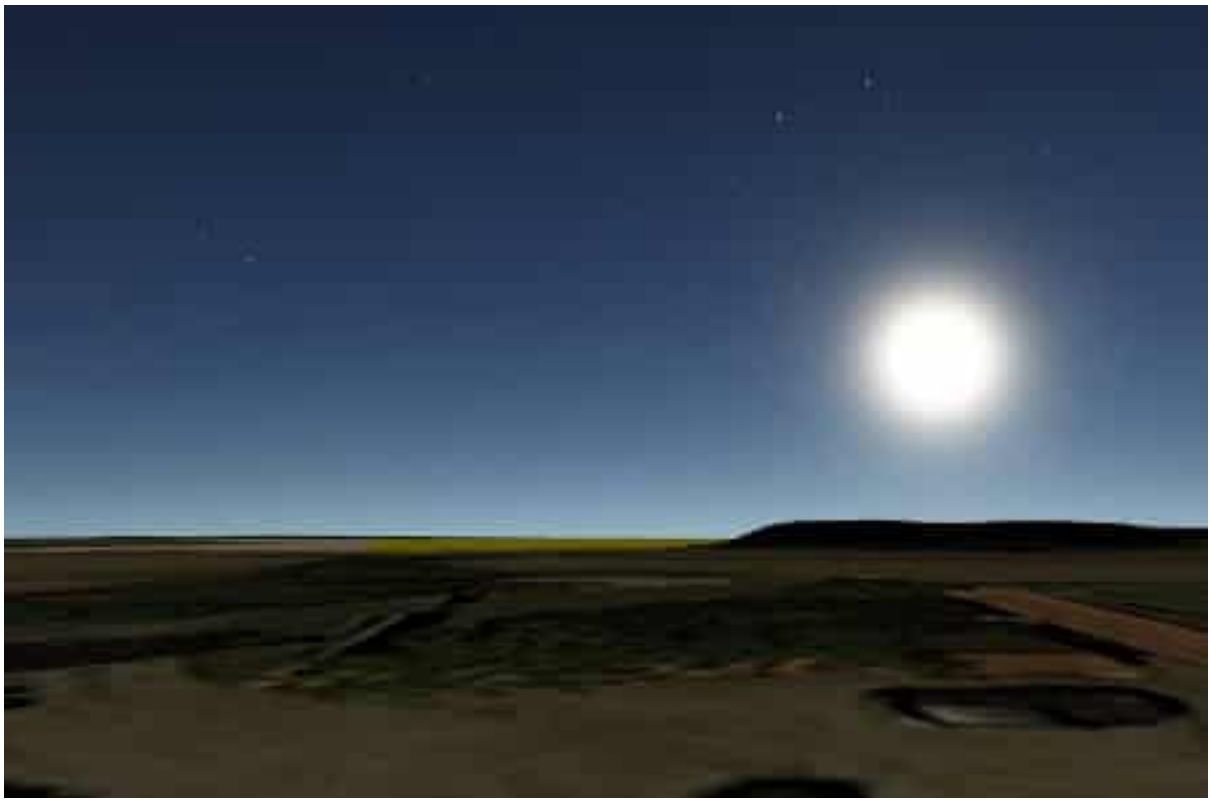


Receptor 151 (Group B Receptor 71)

March 20th 17:45 UTC

May 1st 19:00 UTC

July 1st 19:15 UTC



Receptors 152 – 154 (Group B Receptors 72 – 74)

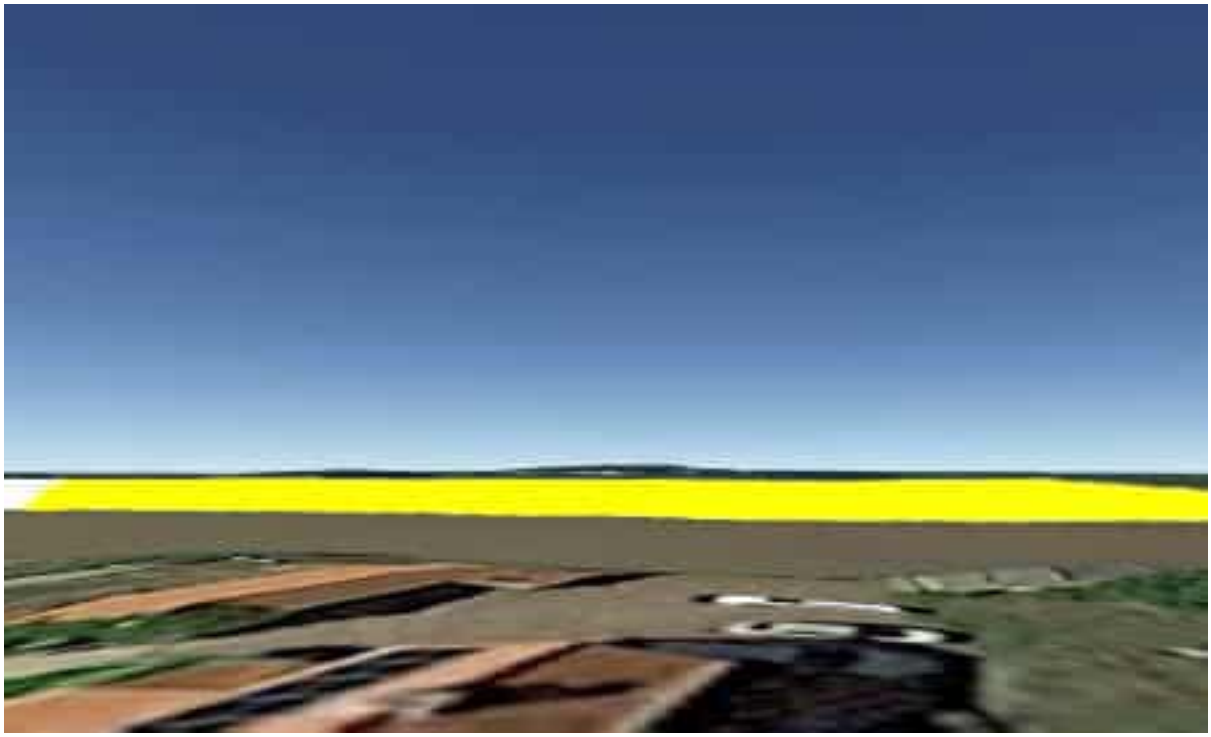
Receptor 155 (Group B Receptor 75)

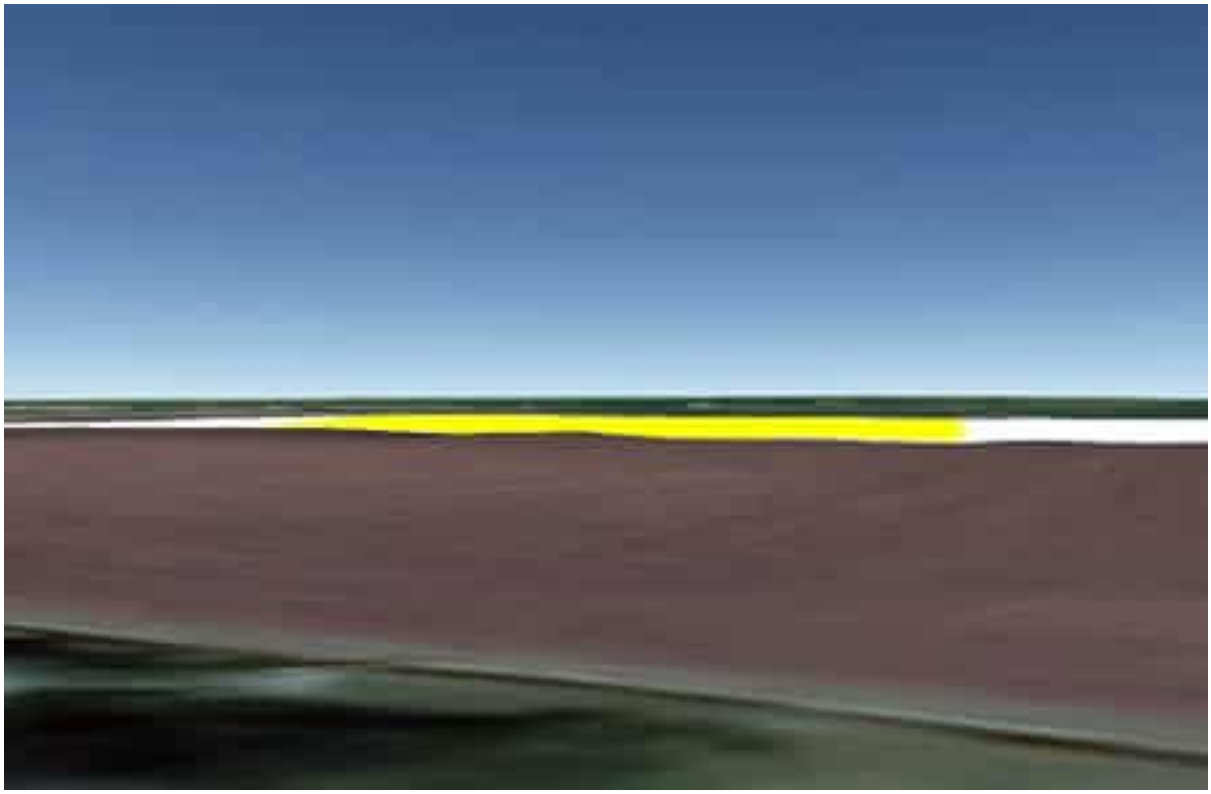
Receptor 156 (Group B Receptor 76)

Looking West

Looking East

Receptor 157 (Group B Receptor 77)





Receptor 158 (Group B Receptor 78)

Receptors 159 and 160 (Group B Receptors 79 and 80)

Receptor 161 (Group C Receptor 1)

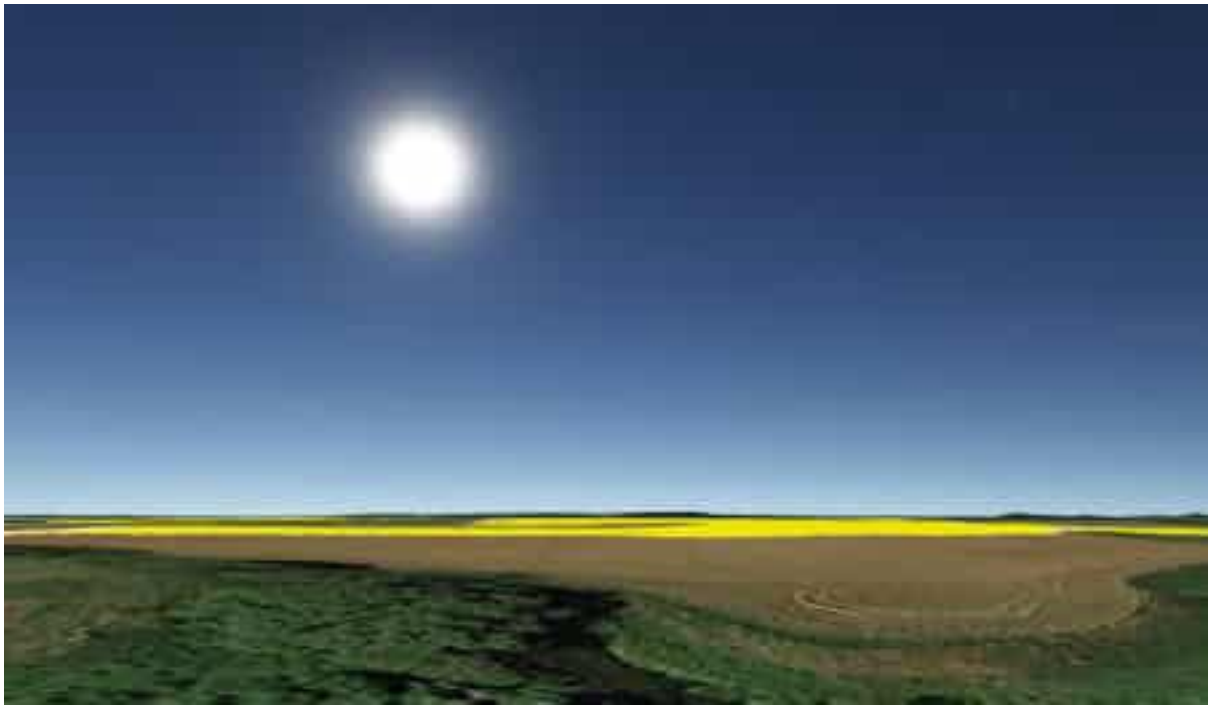
Receptors 162 and 163 (Group C Receptors 2 and 3)

Receptor 164 (Group C Receptor 4)

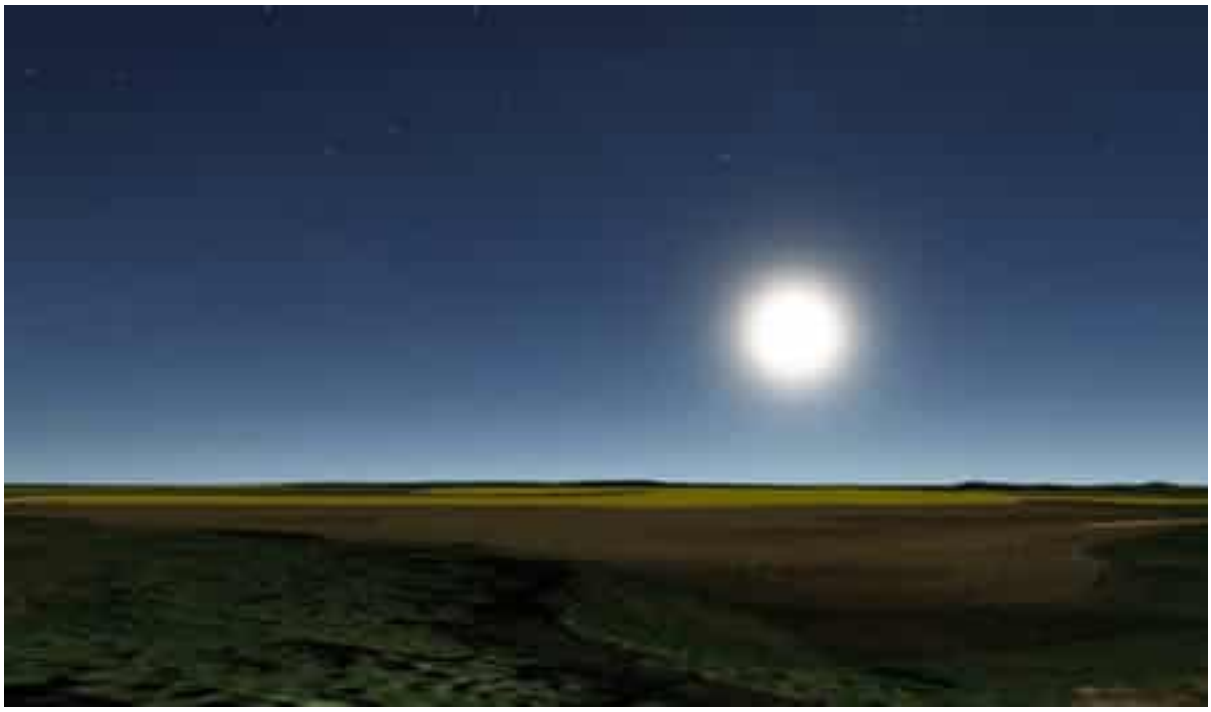
Receptors 169, 171 – 173 and 178 – 192 (Group C Receptors 9, 11 – 13 and 18 - 32)

March 25th 17:45 UTC

May 1st 17:00 UTC



June 1st 19:00 UTC



Receptor 193 (Group C Receptor 33)

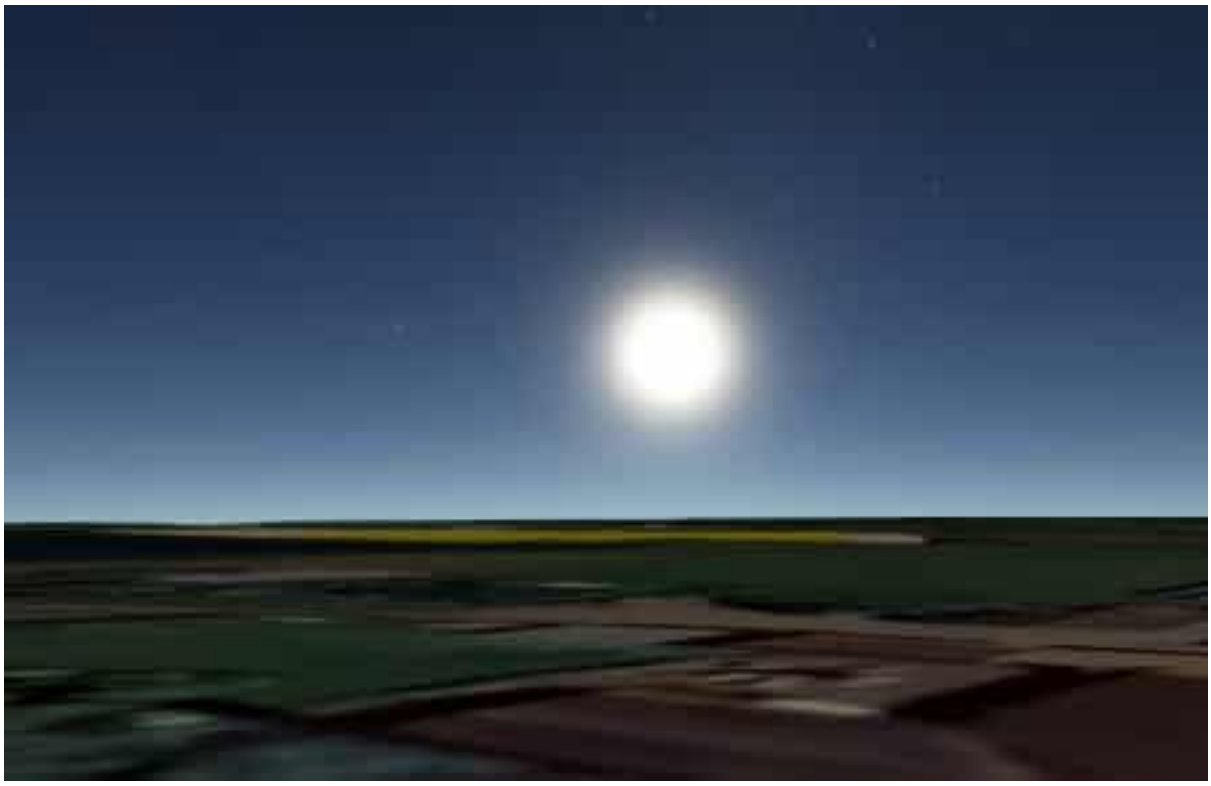
Receptors 194, 195 and 203 (Group C Receptors 34, 35 and 43)

Receptors 196 and 197 (Group C Receptors 36 and 37)

Receptor 198 (Group C Receptor 38)

May 1st 05:30 UTC

July 1st 05:00 UTC



Receptor 199 (Group C Receptor 39)

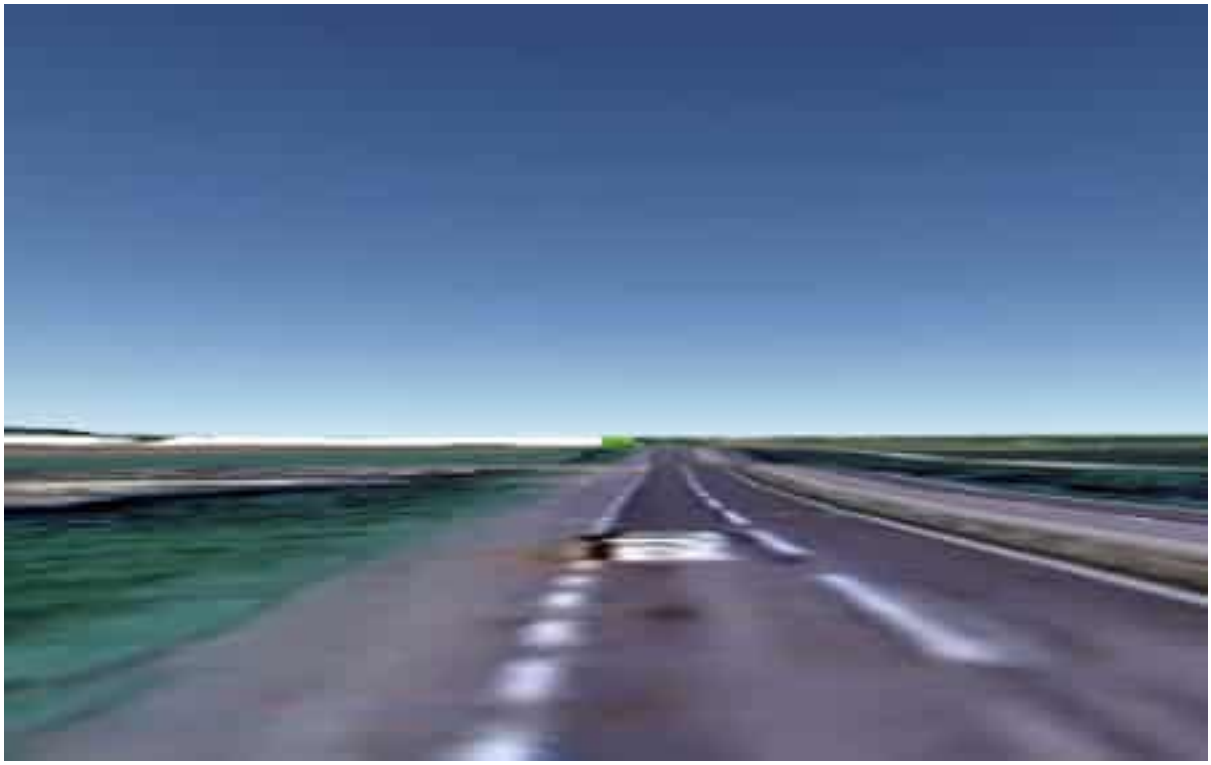
May 15th 05:00 UTC

July 1st 05:00 UTC

Receptor 202 (Group C Receptor 42)

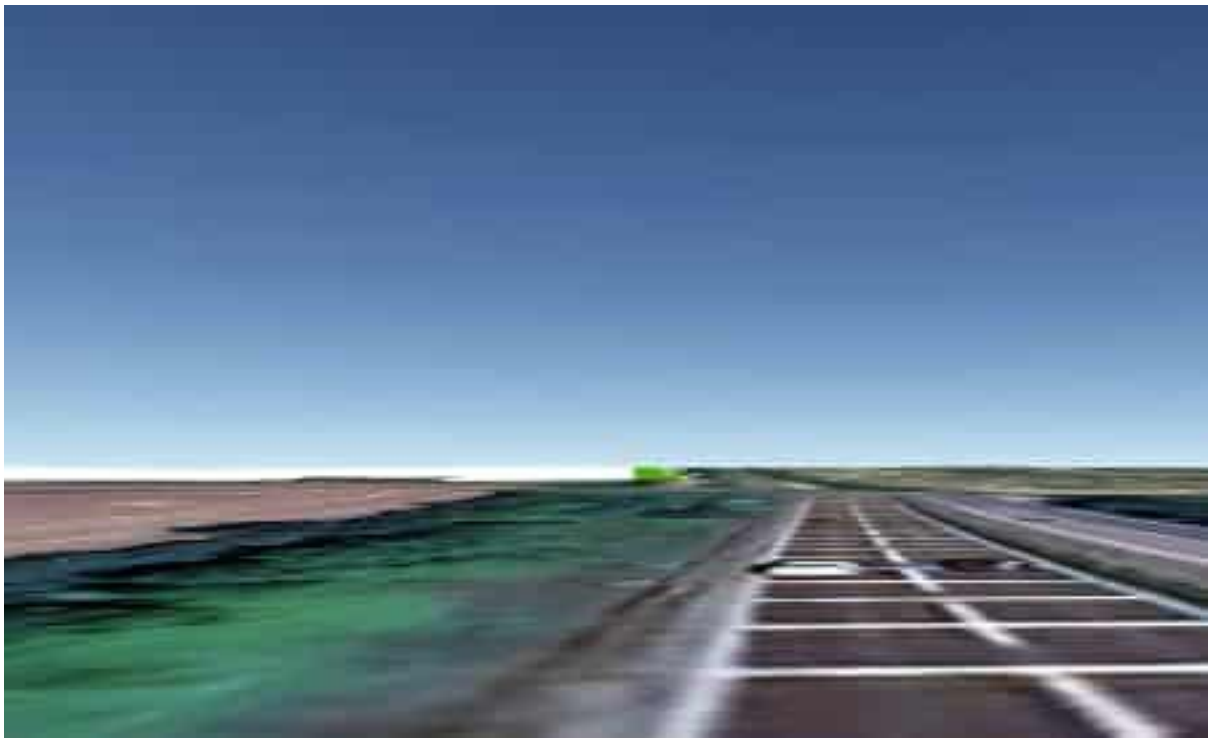
Road Receptors

Receptor 1 (Group A Receptor 1)

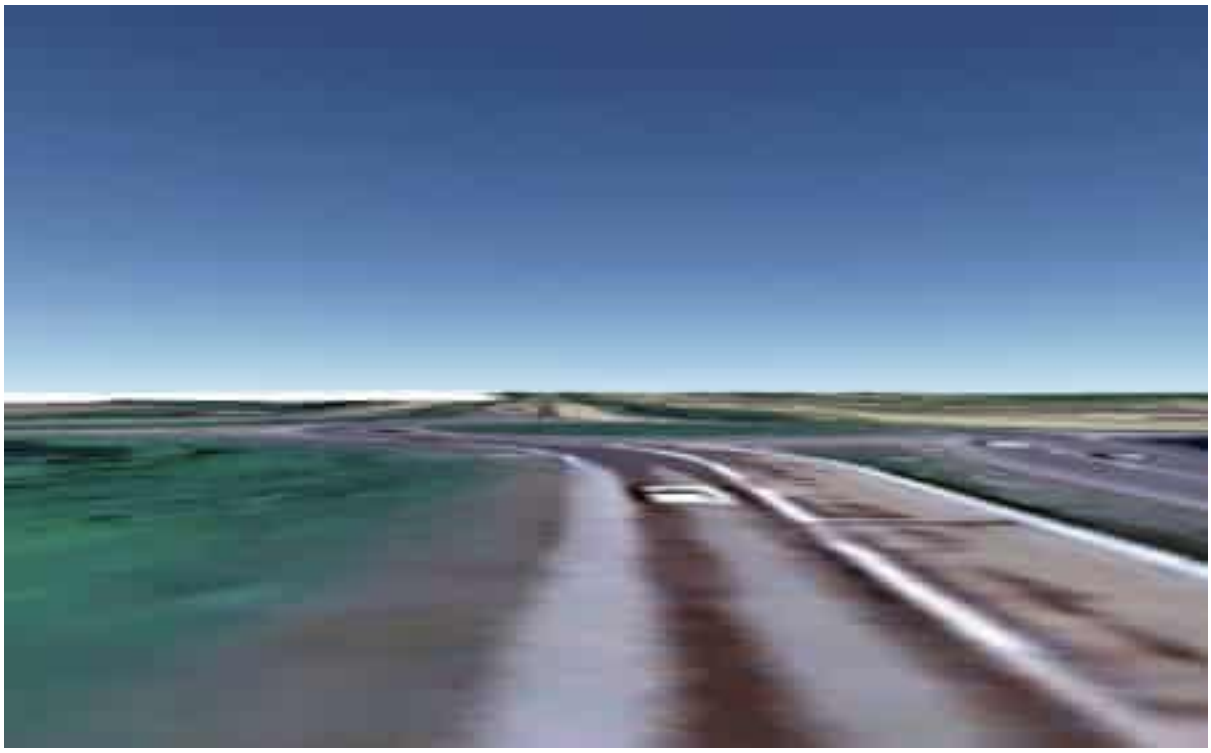


Receptor 2 (Group A Receptor 2)

Receptor 3 (Group A Receptor 3)

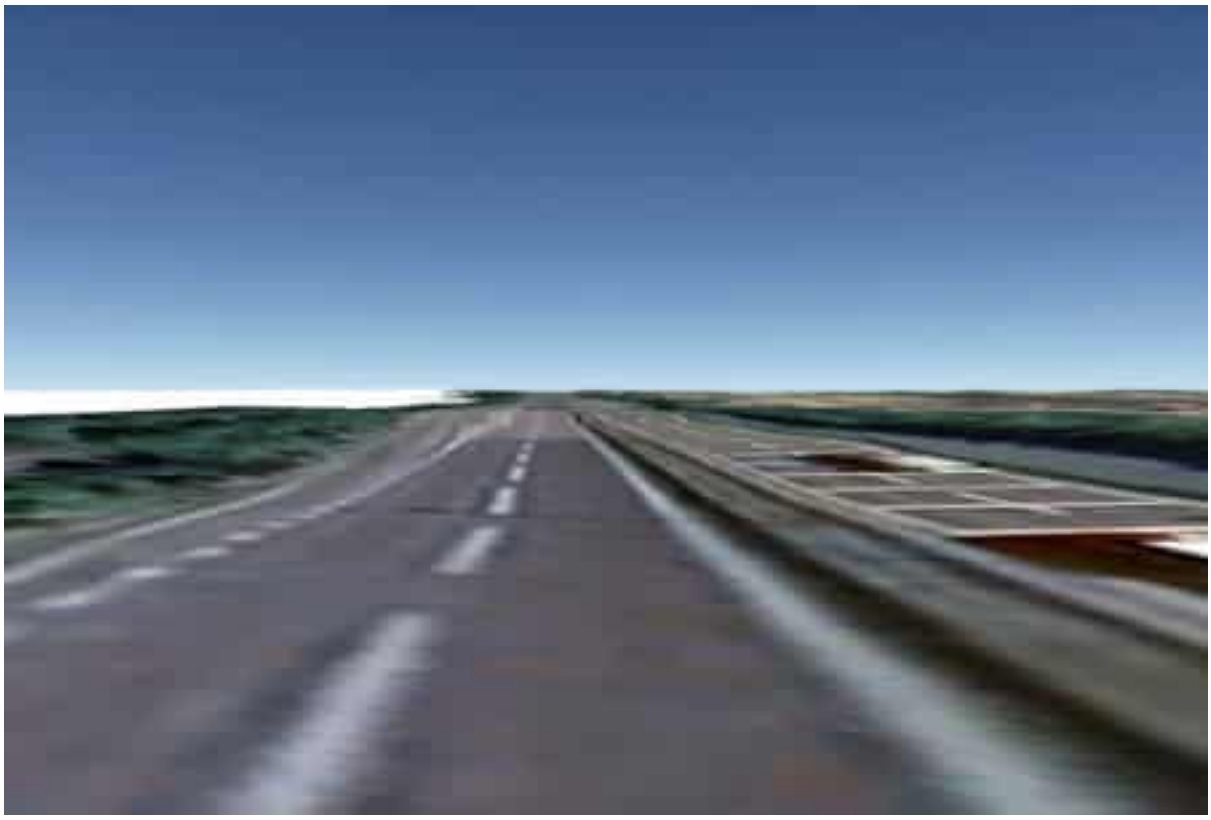


Receptor 4 (Group A Receptor 4)



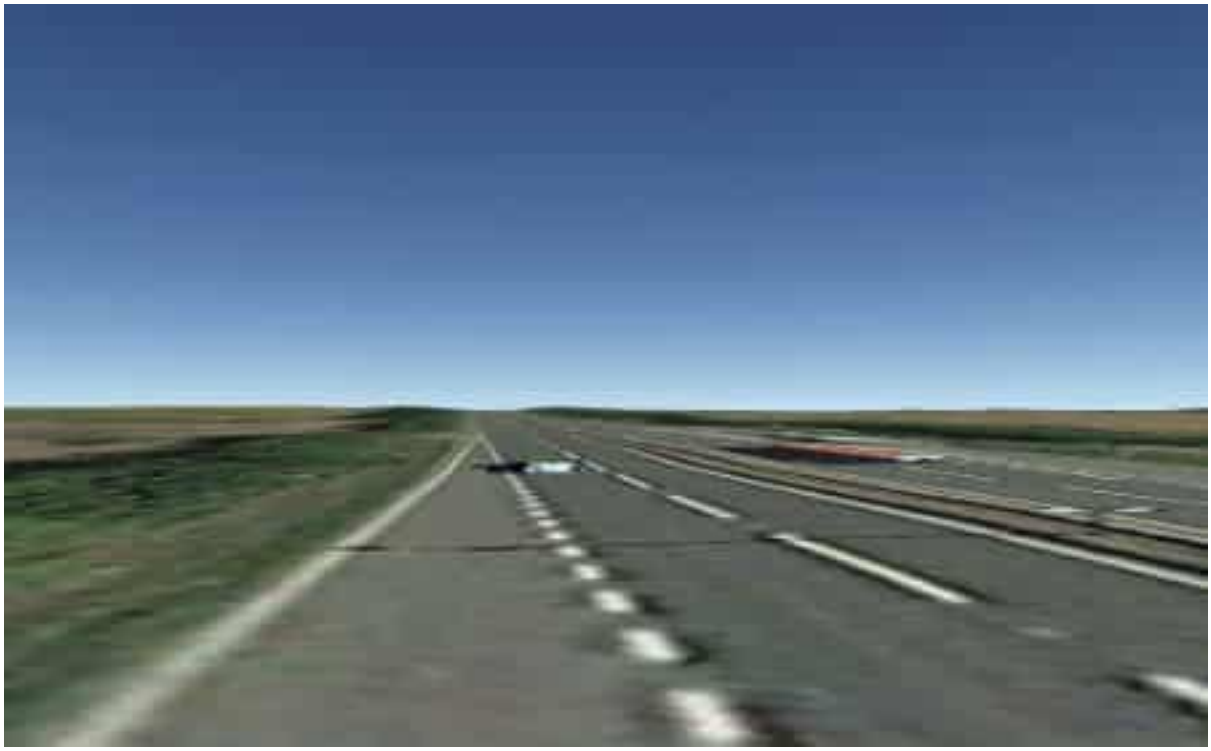
Receptor 5 (Group A Receptor 5)

Receptor 6 (Group A Receptor 6)

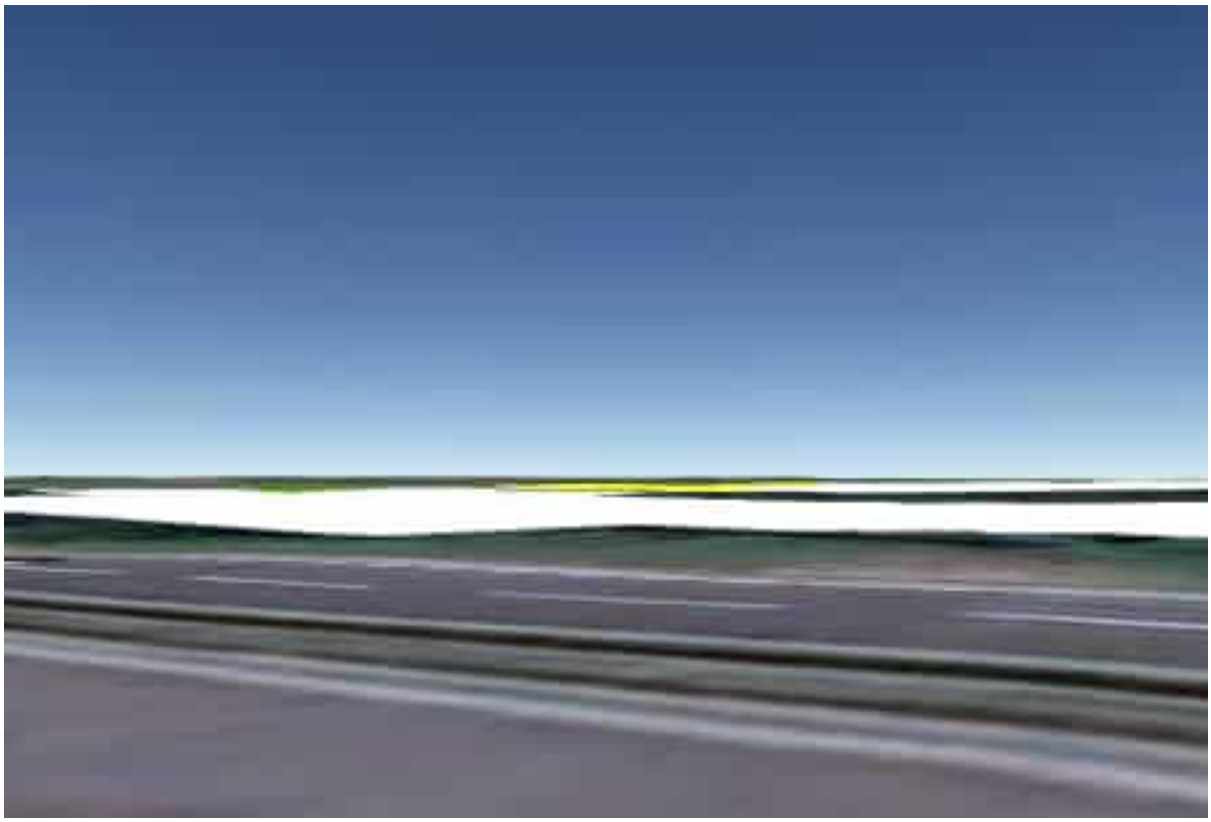


Receptor 7 (Group A Receptor 7)

Looking East

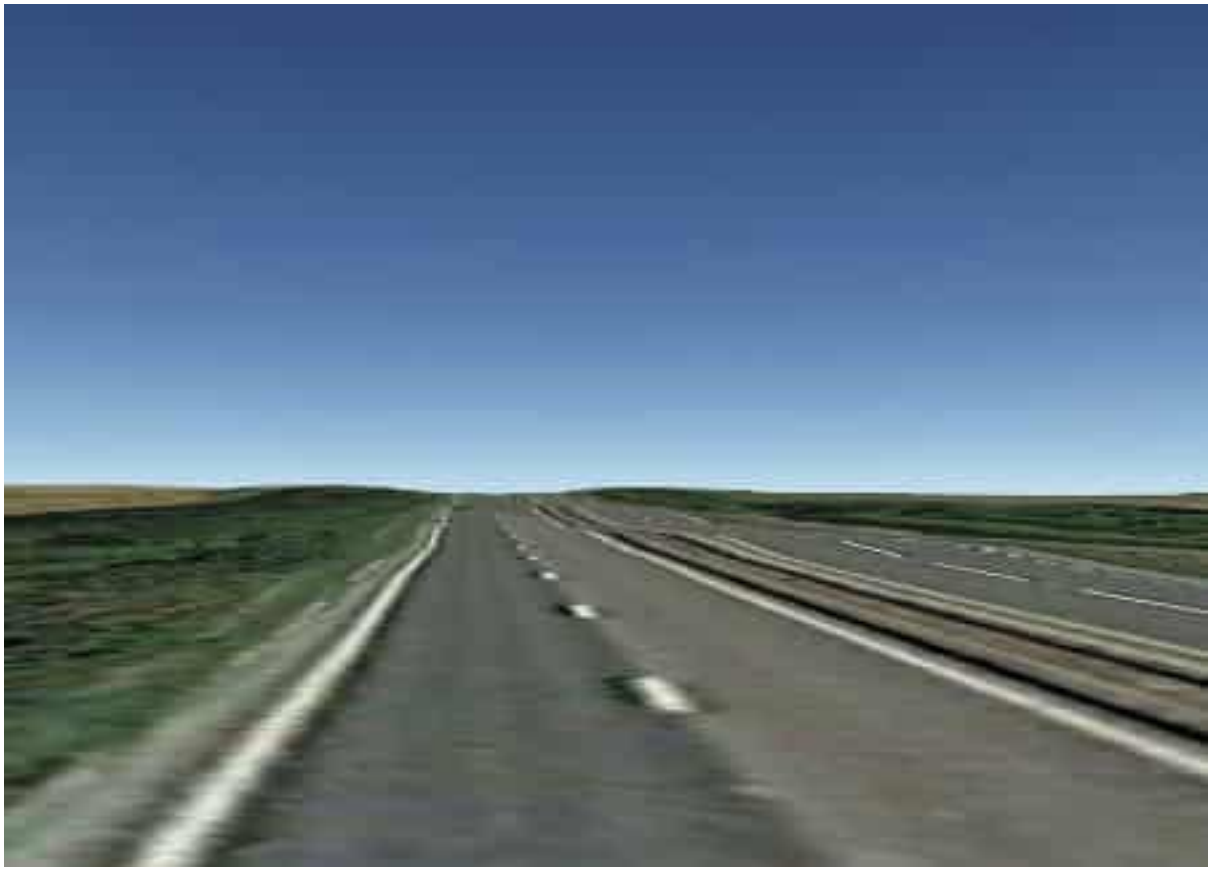


Looking West

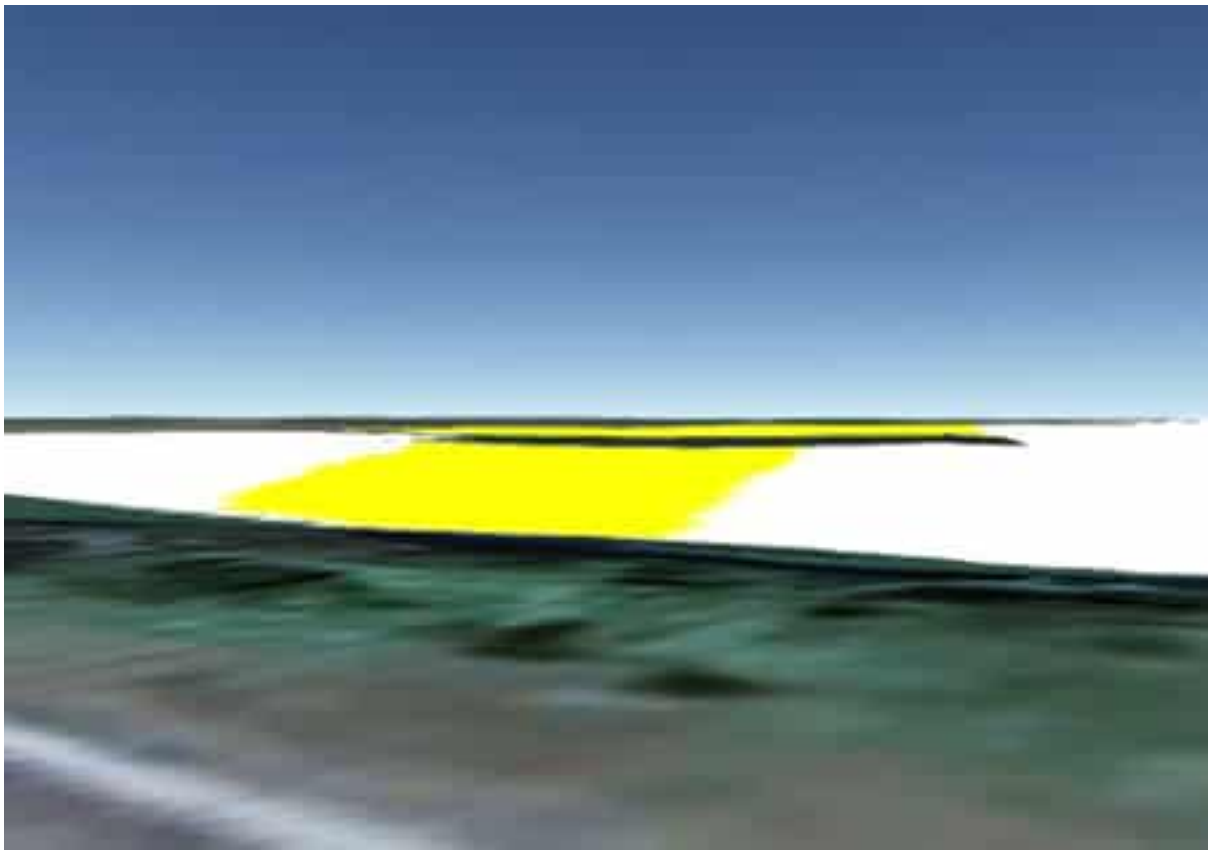


Receptor 8 (Group A Receptor 8)

Looking East

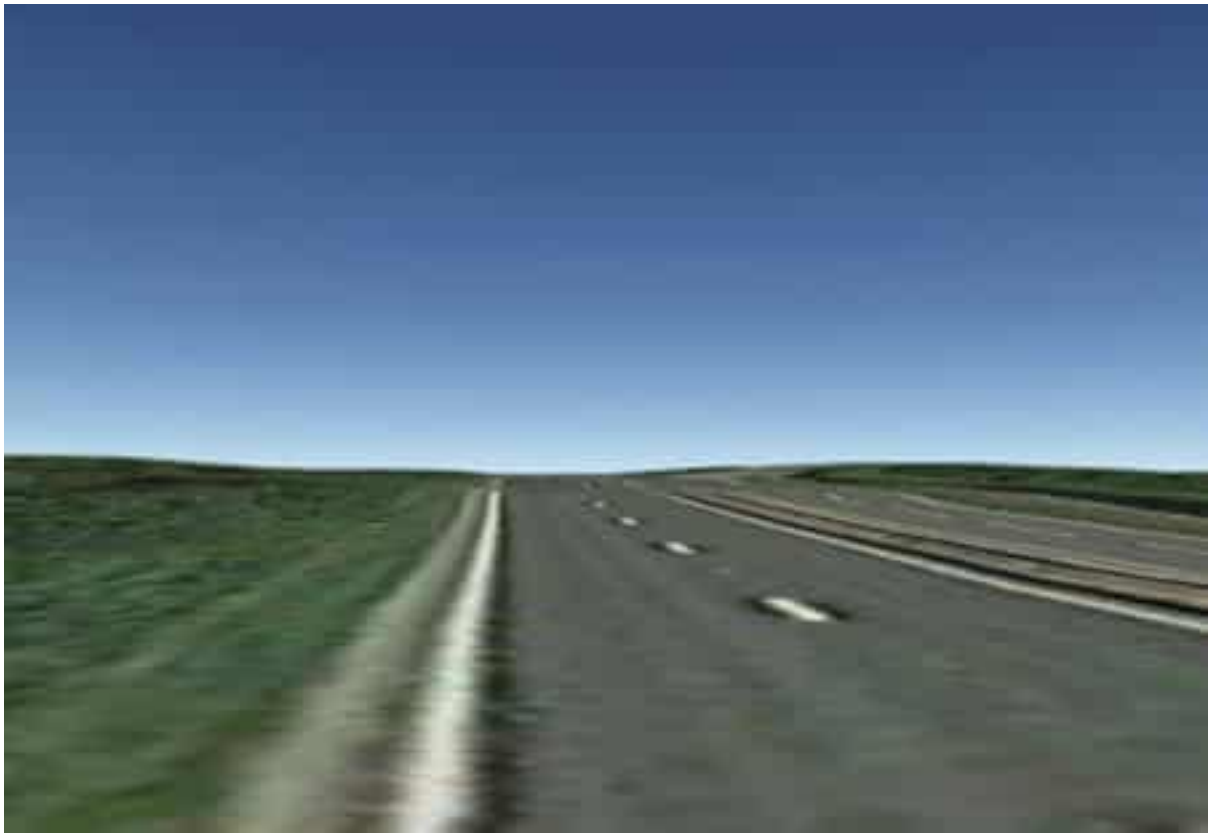


Looking West

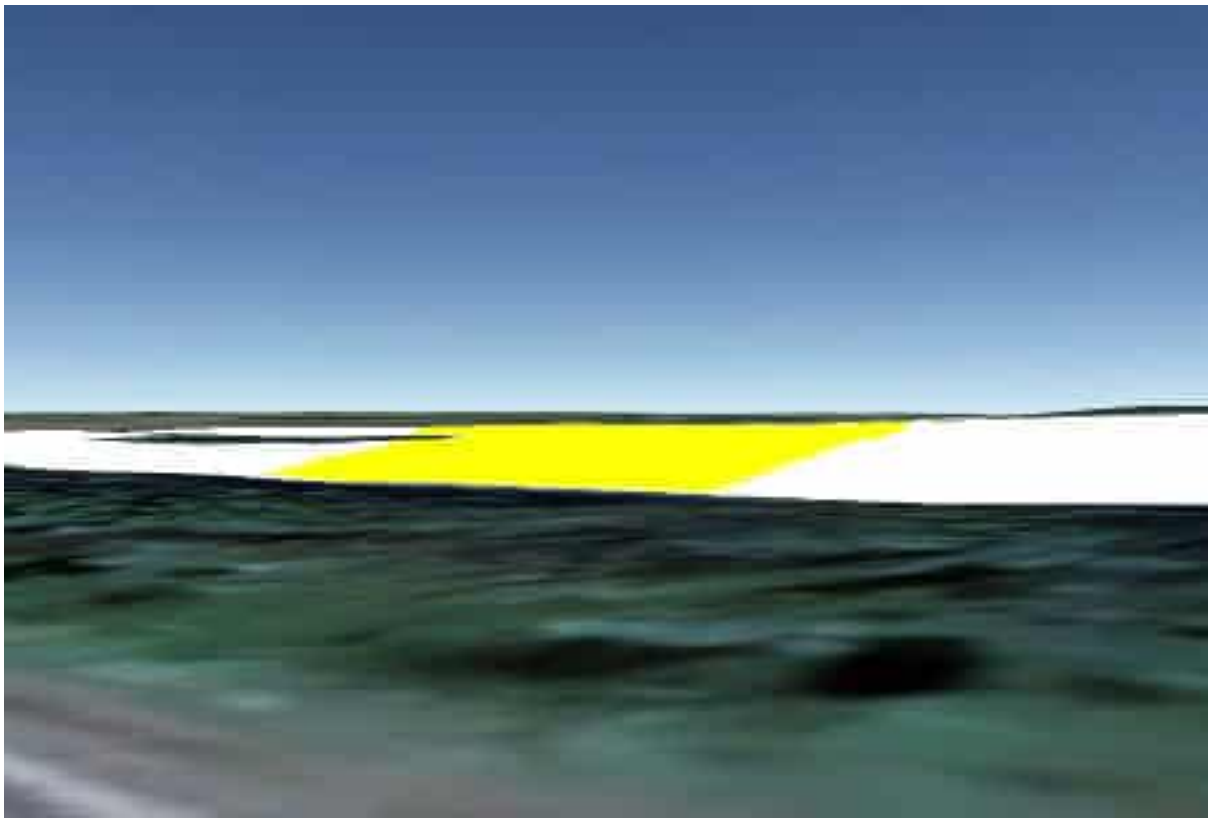


Receptor 9 (Group A Receptor 9)

Looking East

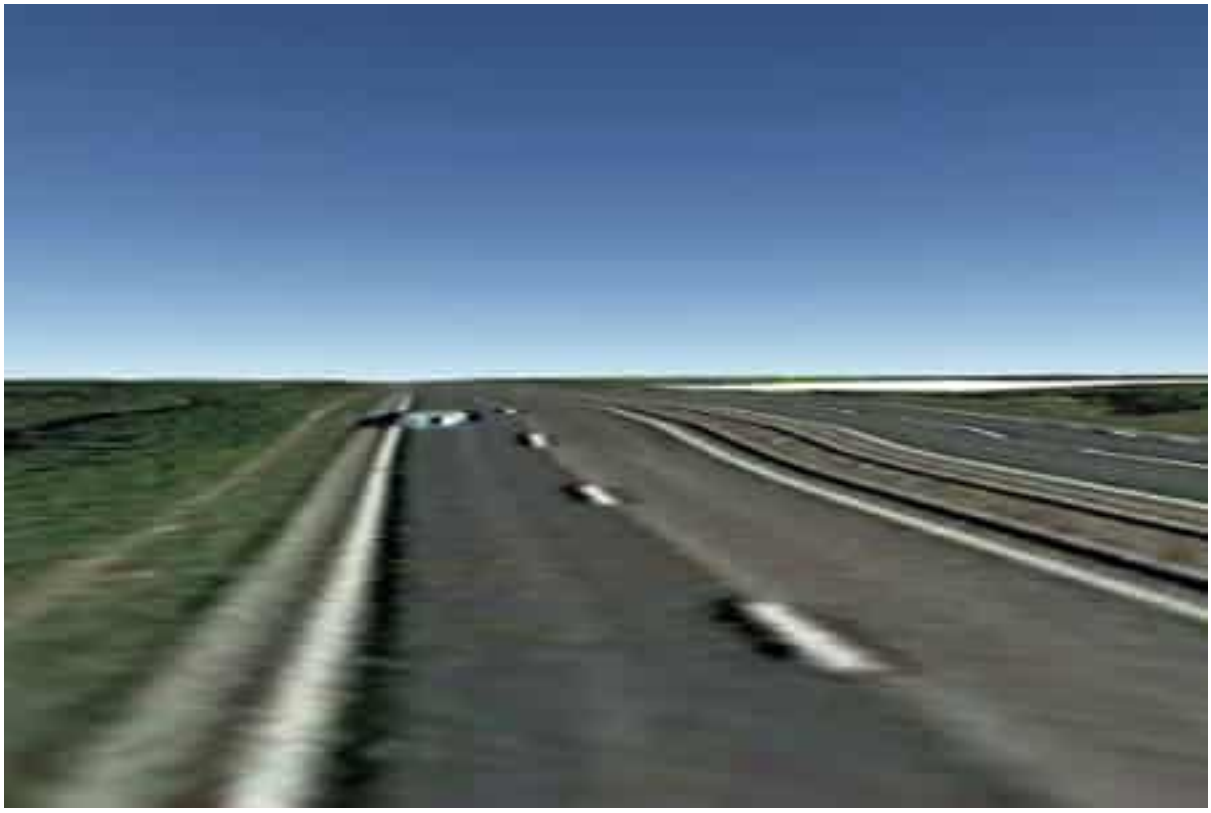


Looking West

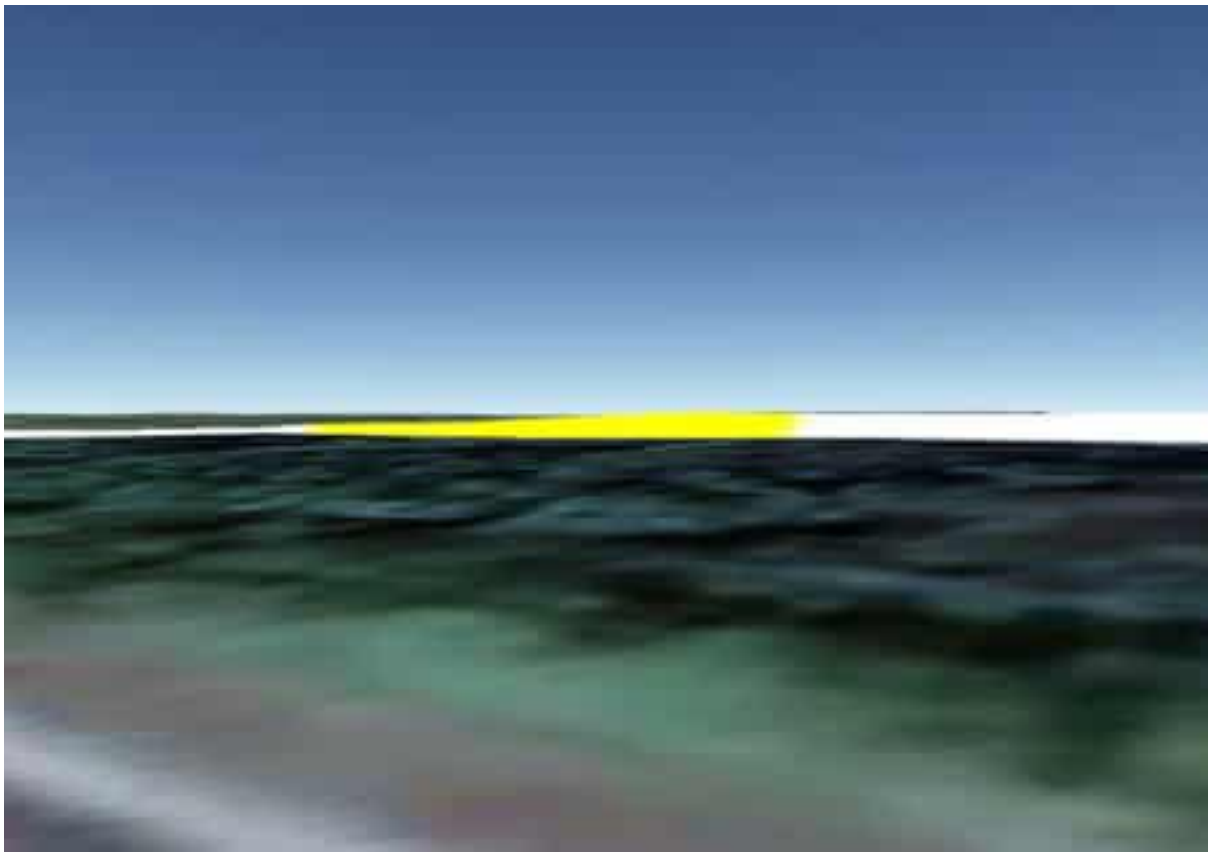


Receptor 10 (Group A Receptor 10)

Looking East



Looking West



Receptor 11 (Group A Receptor 11)

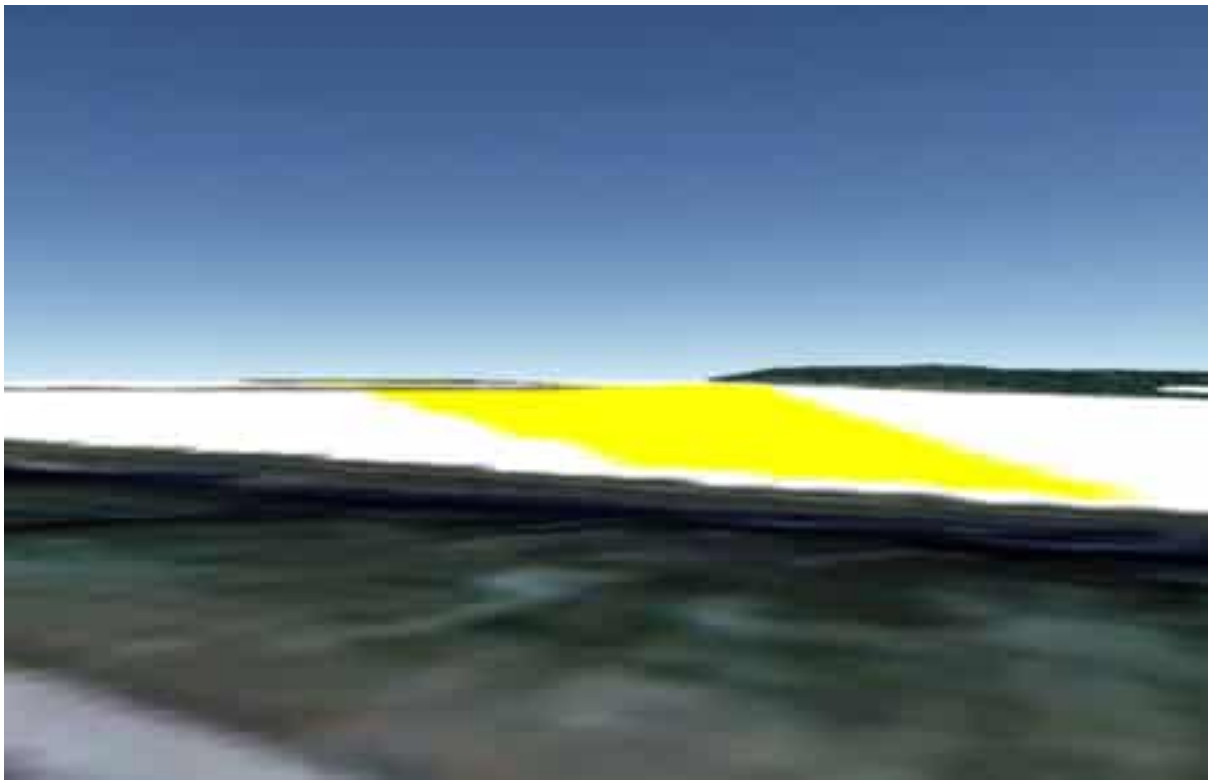
Looking East

Looking West

Receptor 12 (Group A Receptor 12)

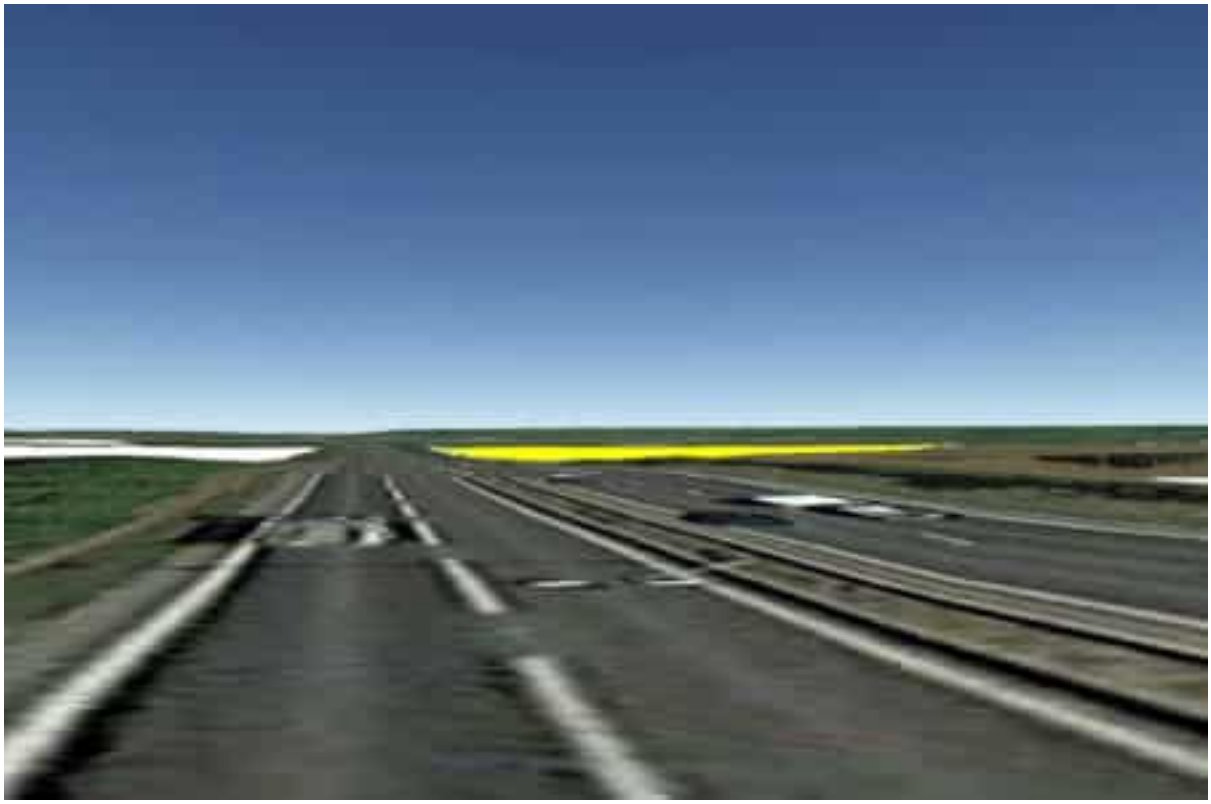
Looking East

Looking West

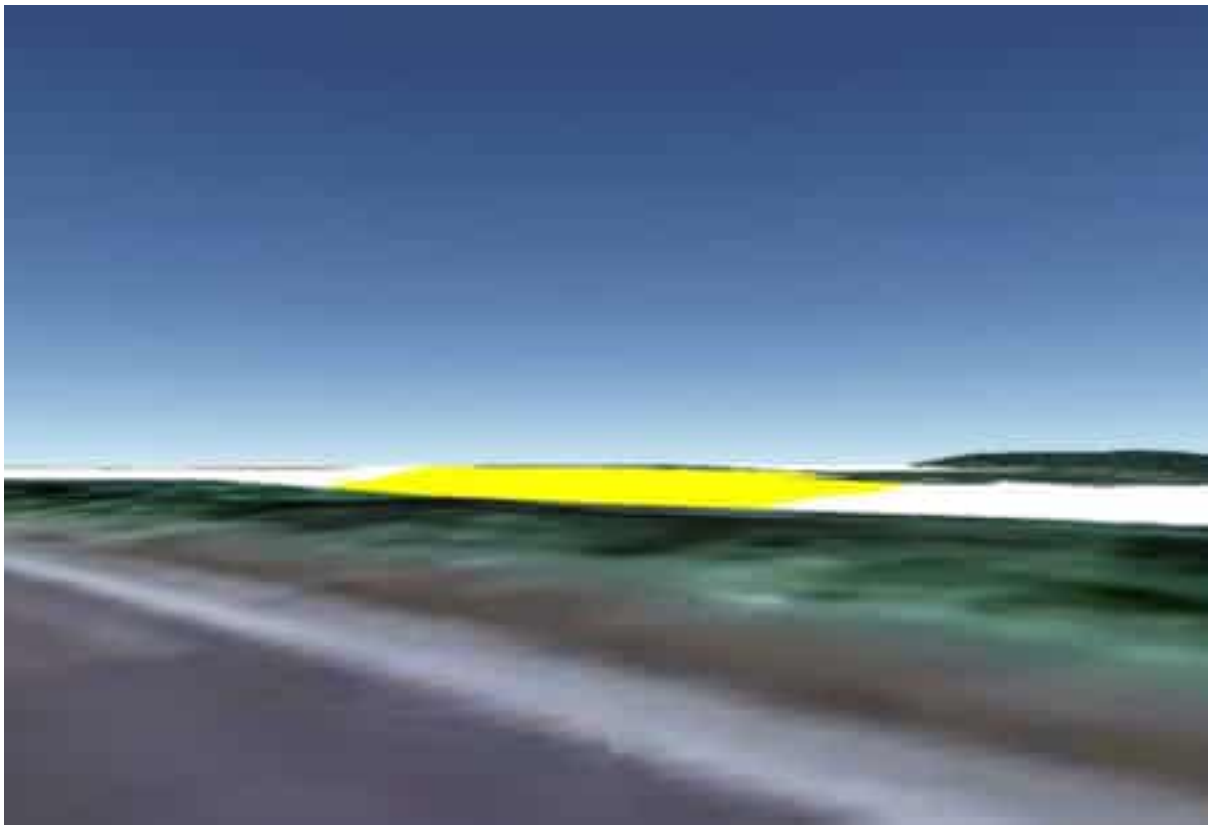


Receptor 13 (Group A Receptor 13)

Looking East



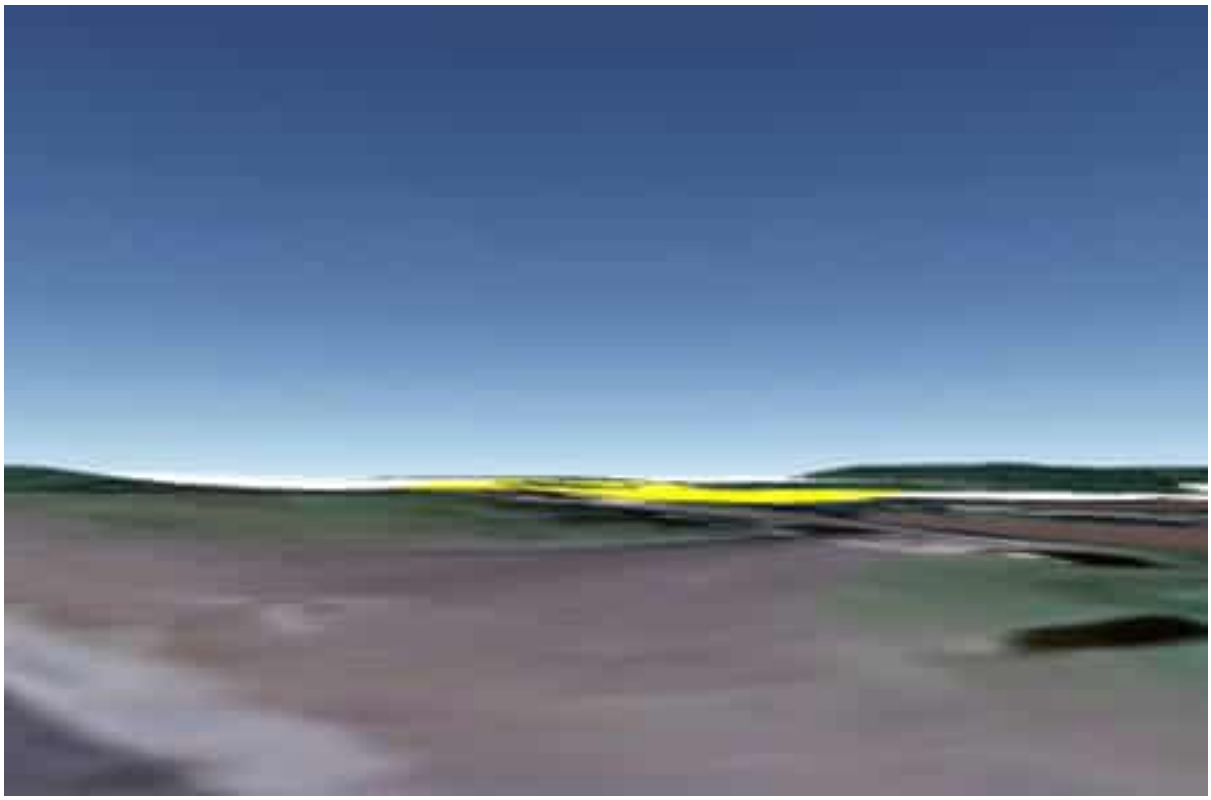
Looking West



Receptor 14 (Group A Receptor 14)

Looking East

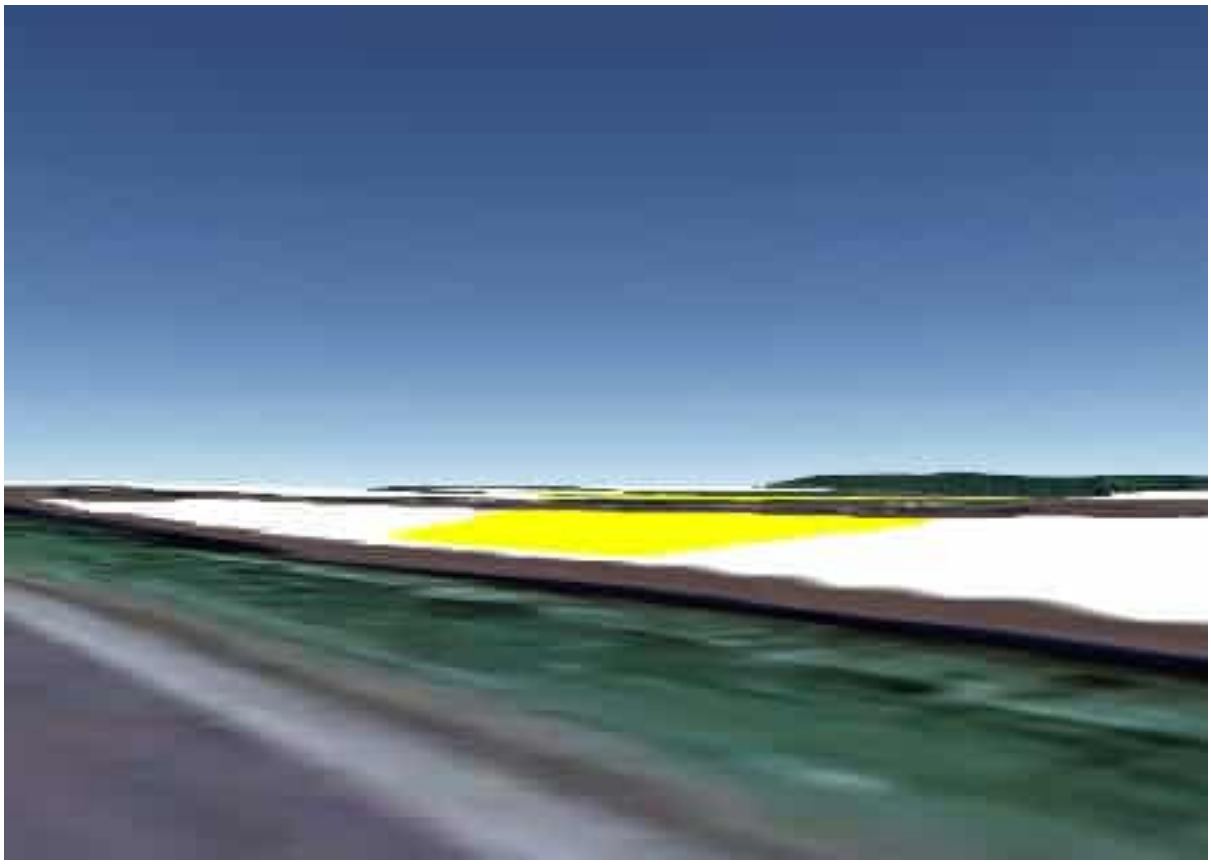
Looking West



Receptor 15 (Group A Receptor 15)

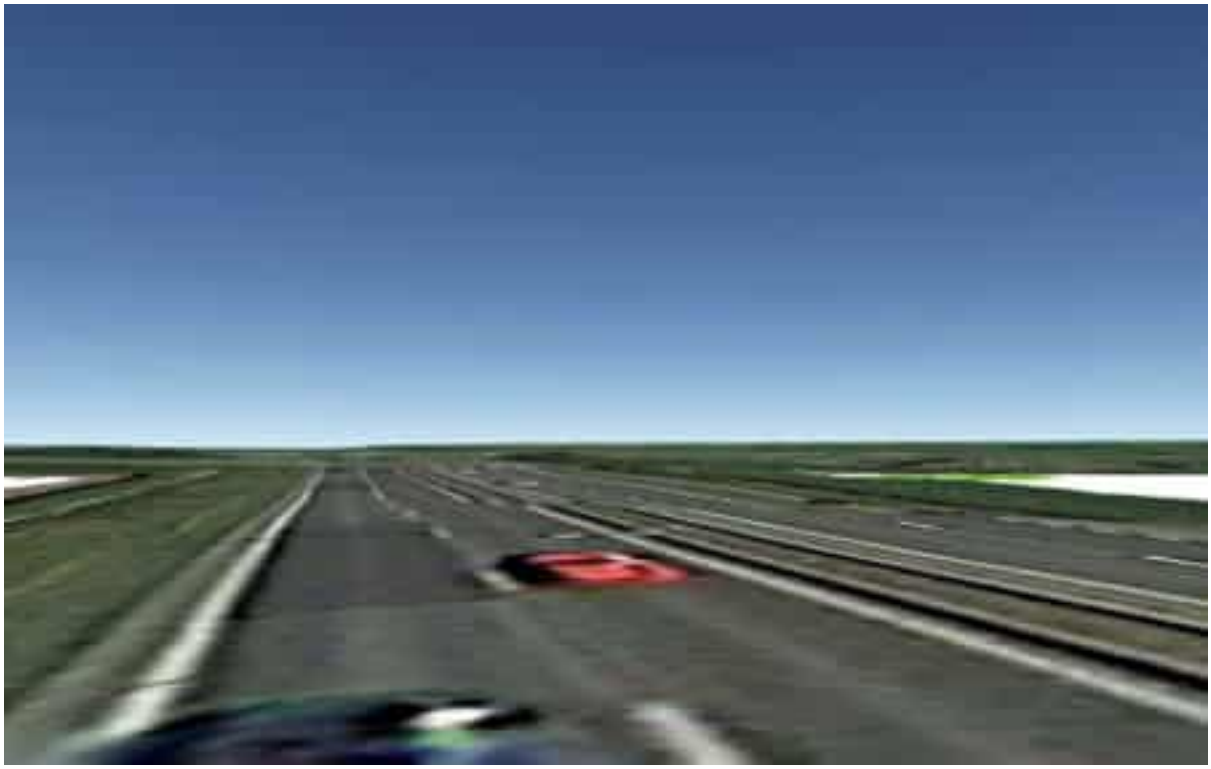
Looking East

Looking West

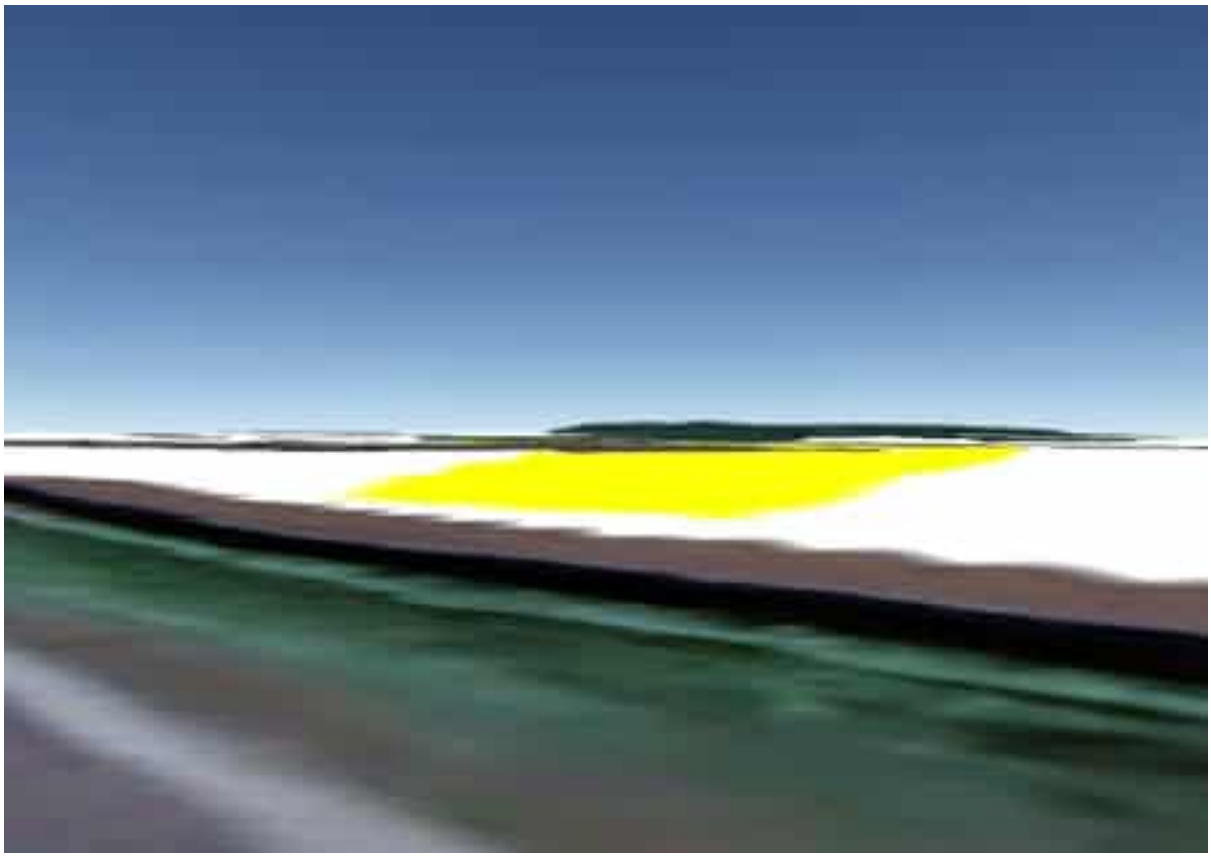


Receptor 16 (Group A Receptor 16)

Looking East

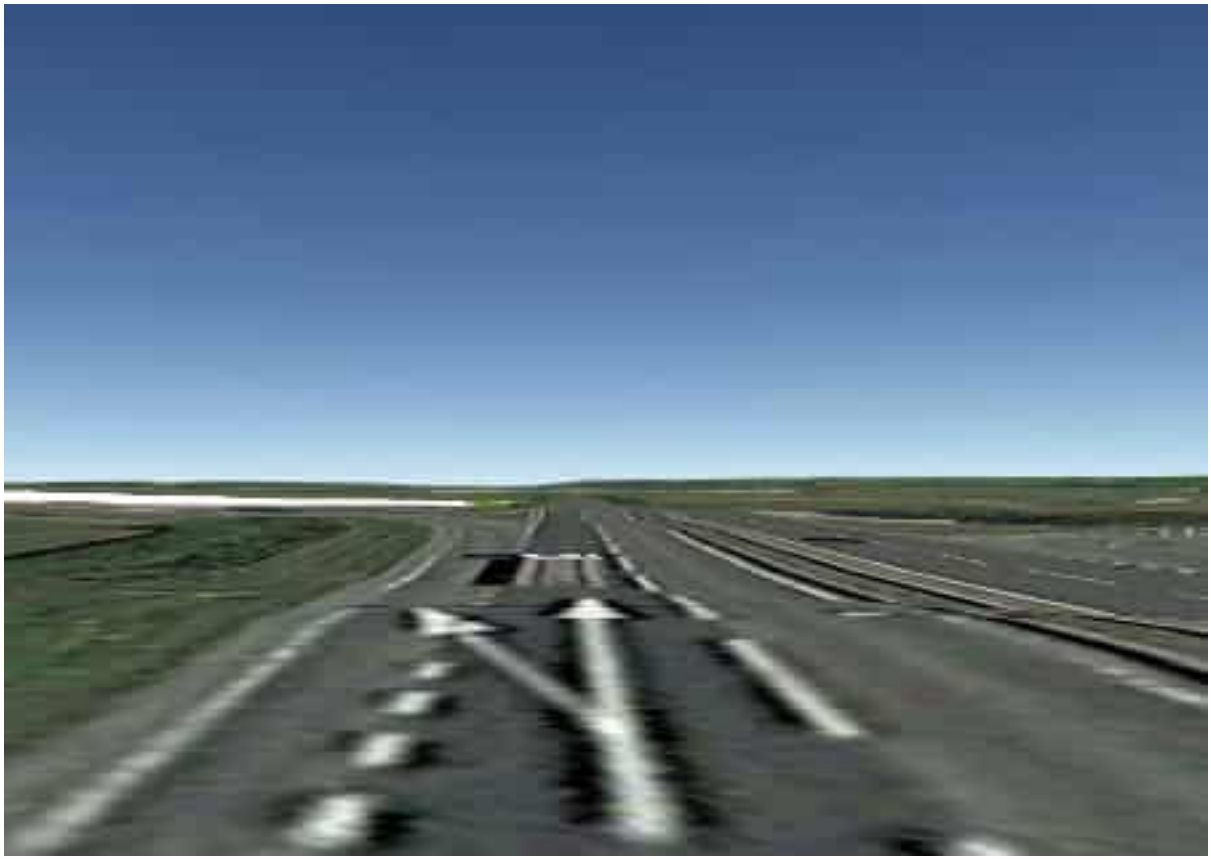


Looking West

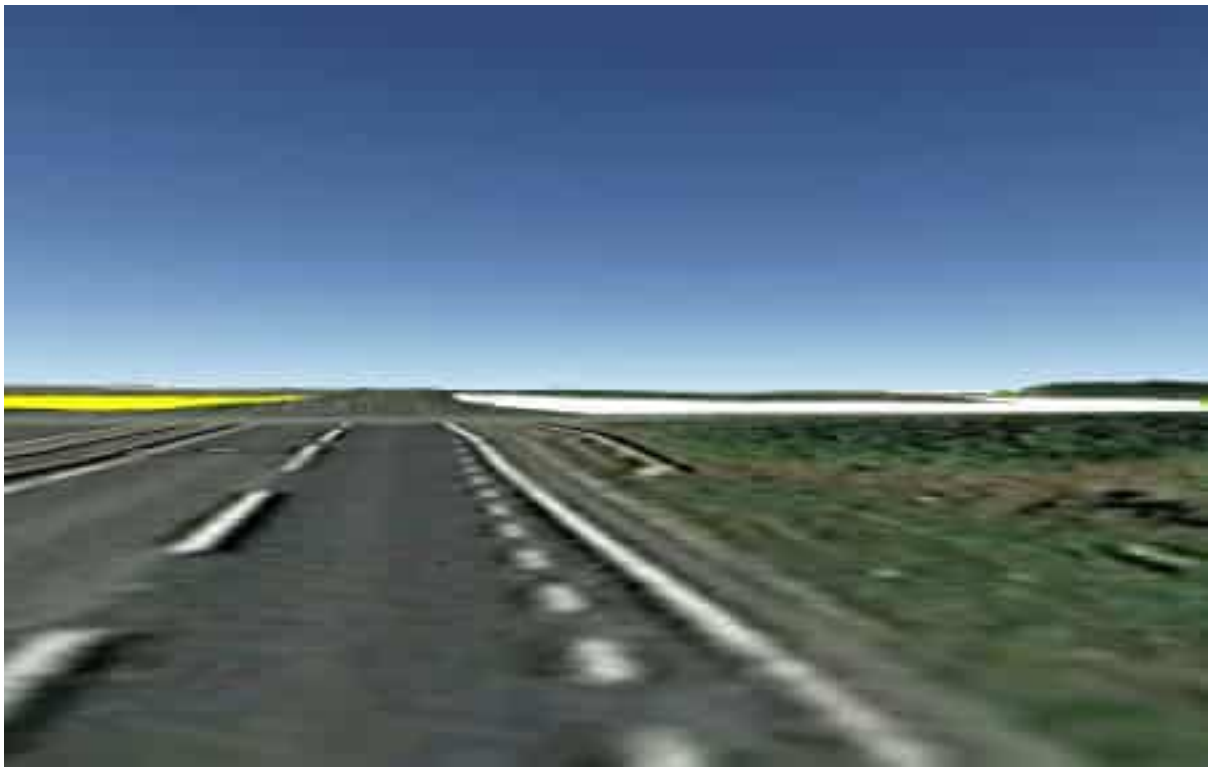


Receptor 17 (Group A Receptor 17)

Looking East

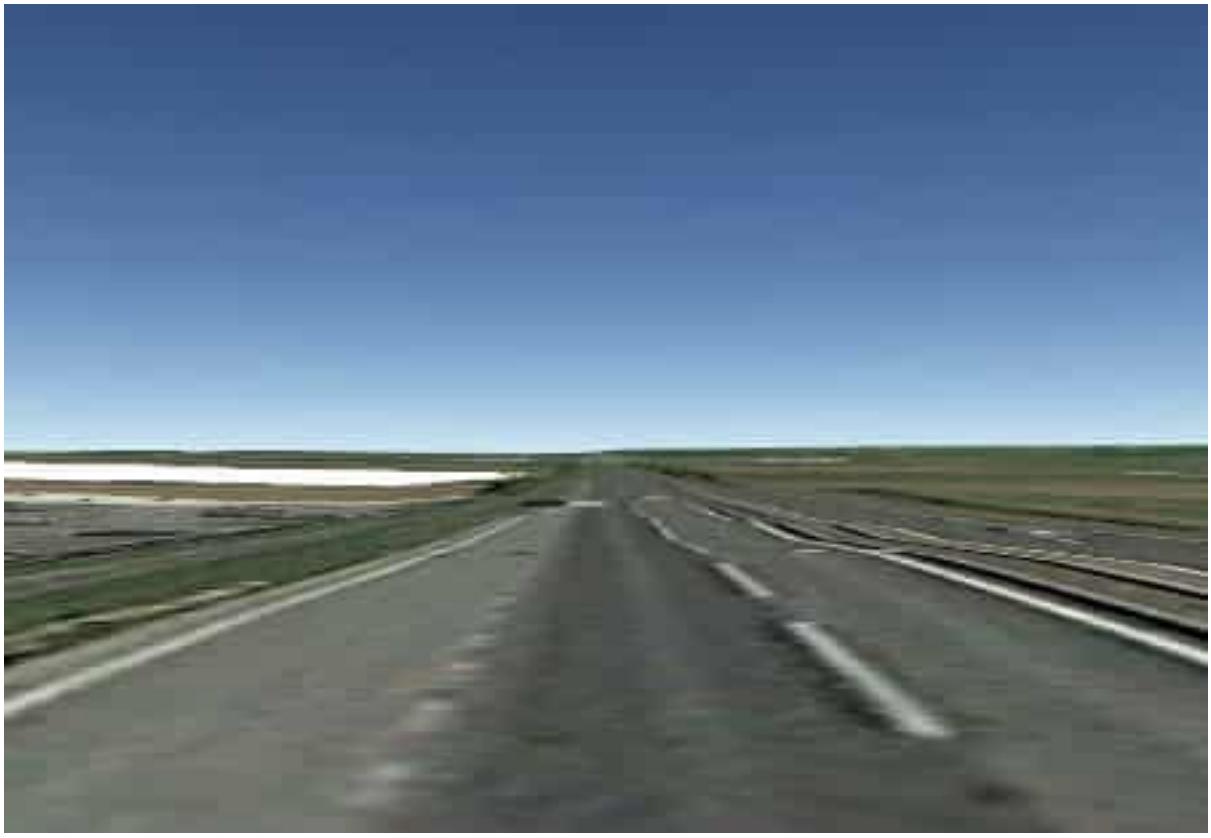


Looking West

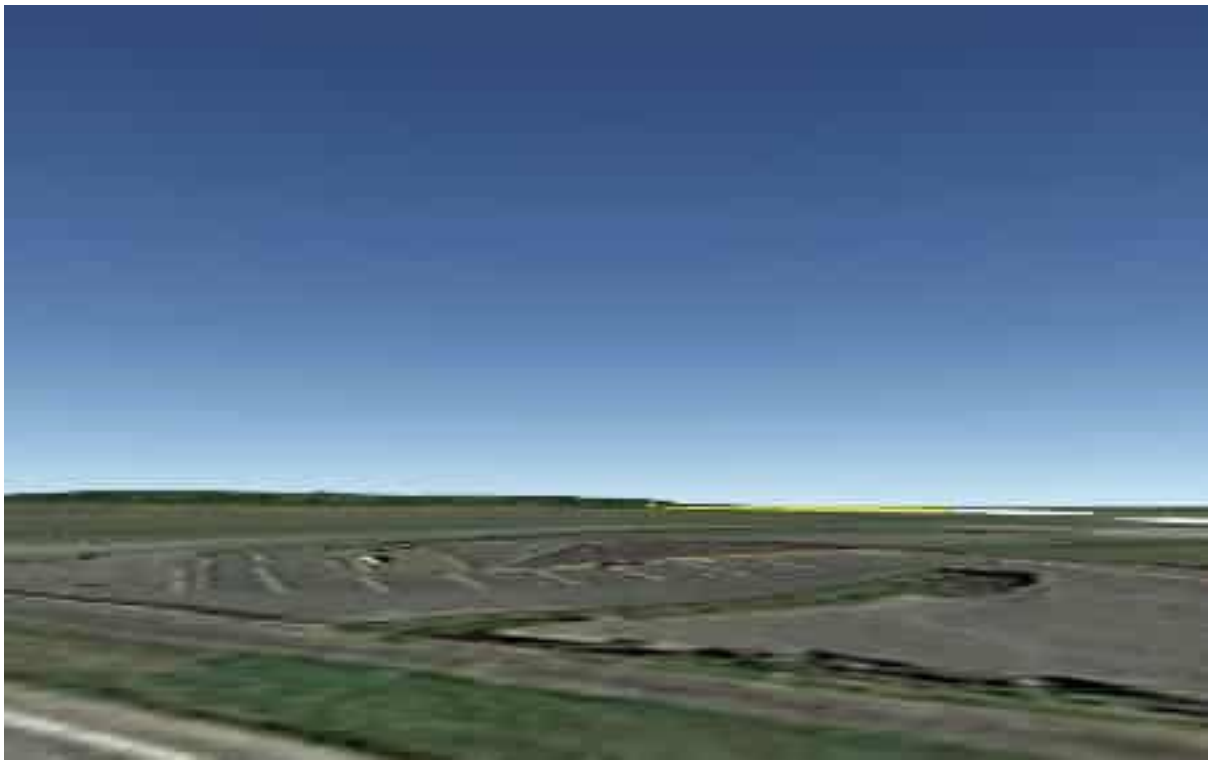


Receptor 18 (Group A Receptor 18)

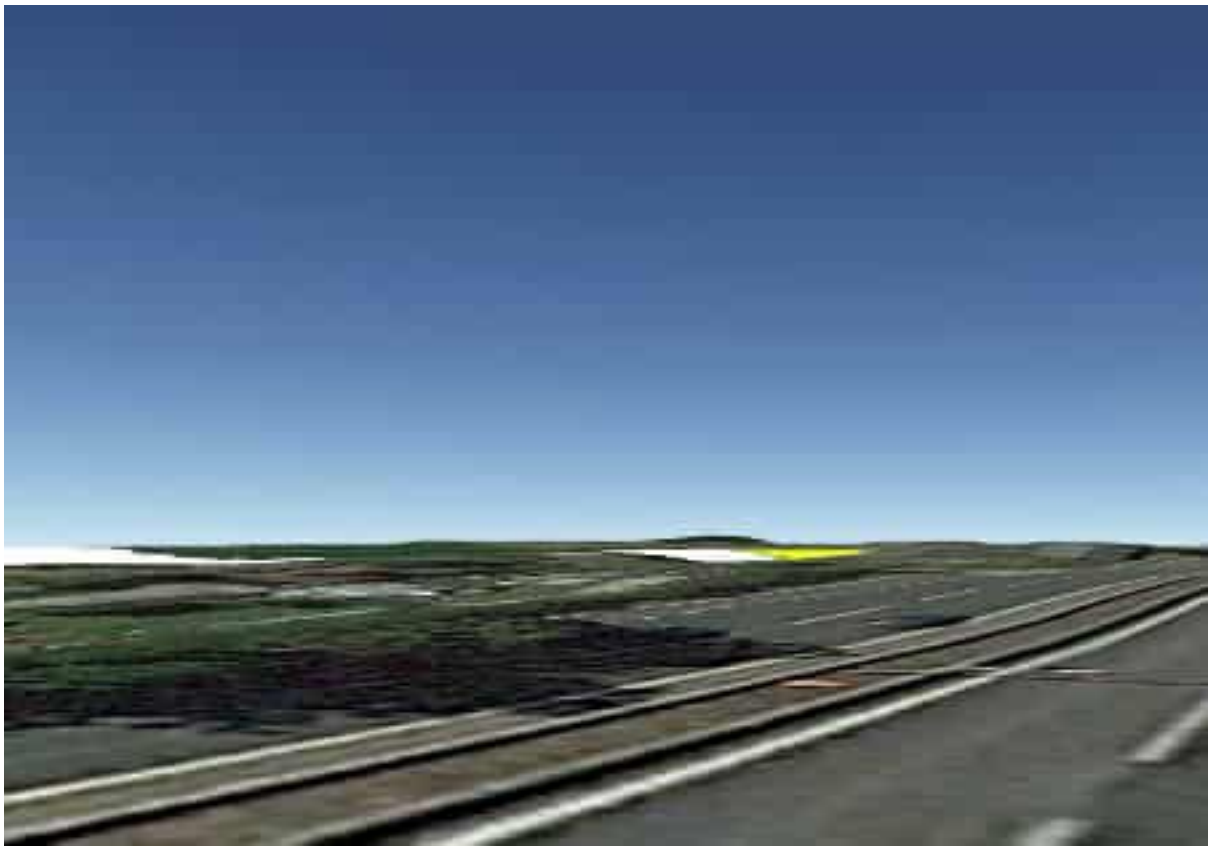
Looking East



Looking West



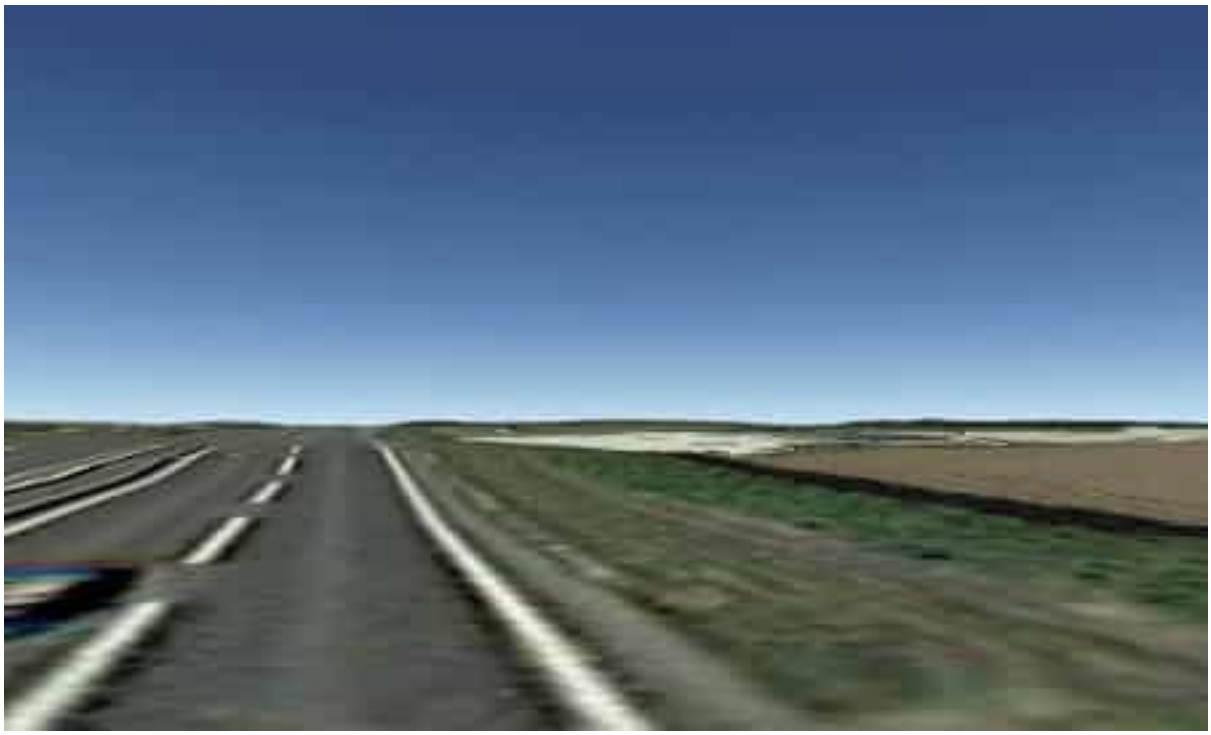
Looking South



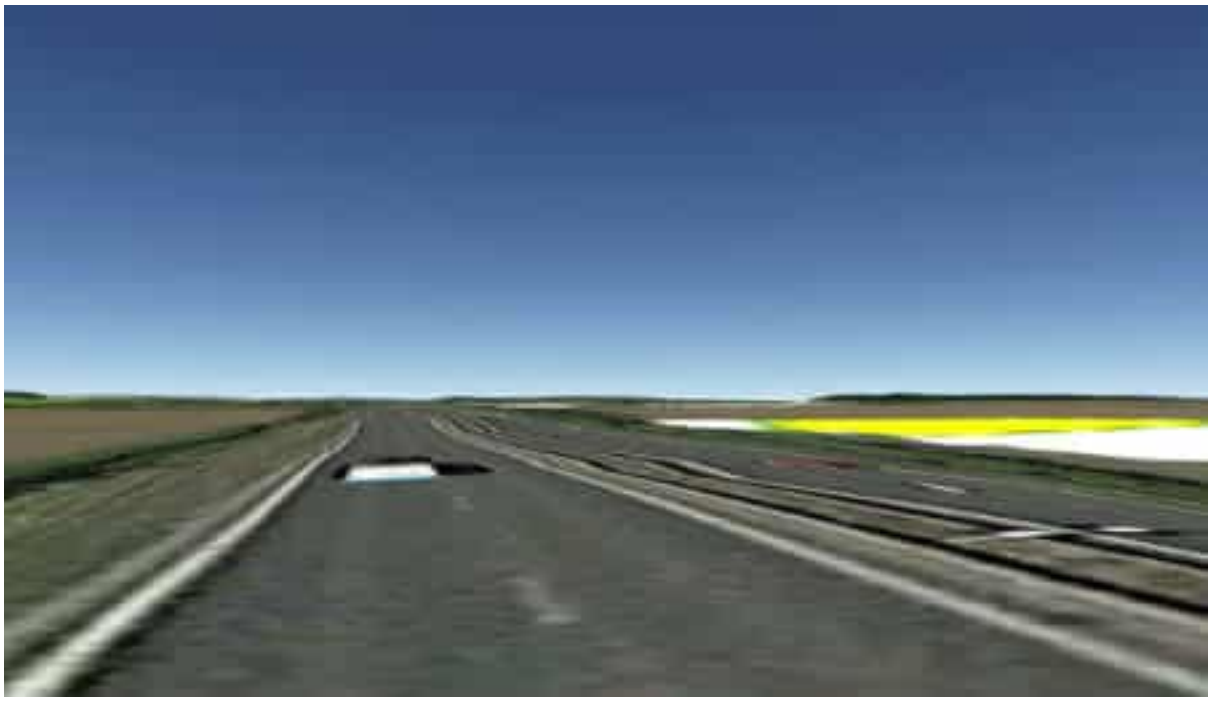
Receptor 19 (Group A Receptor 19)

Looking East

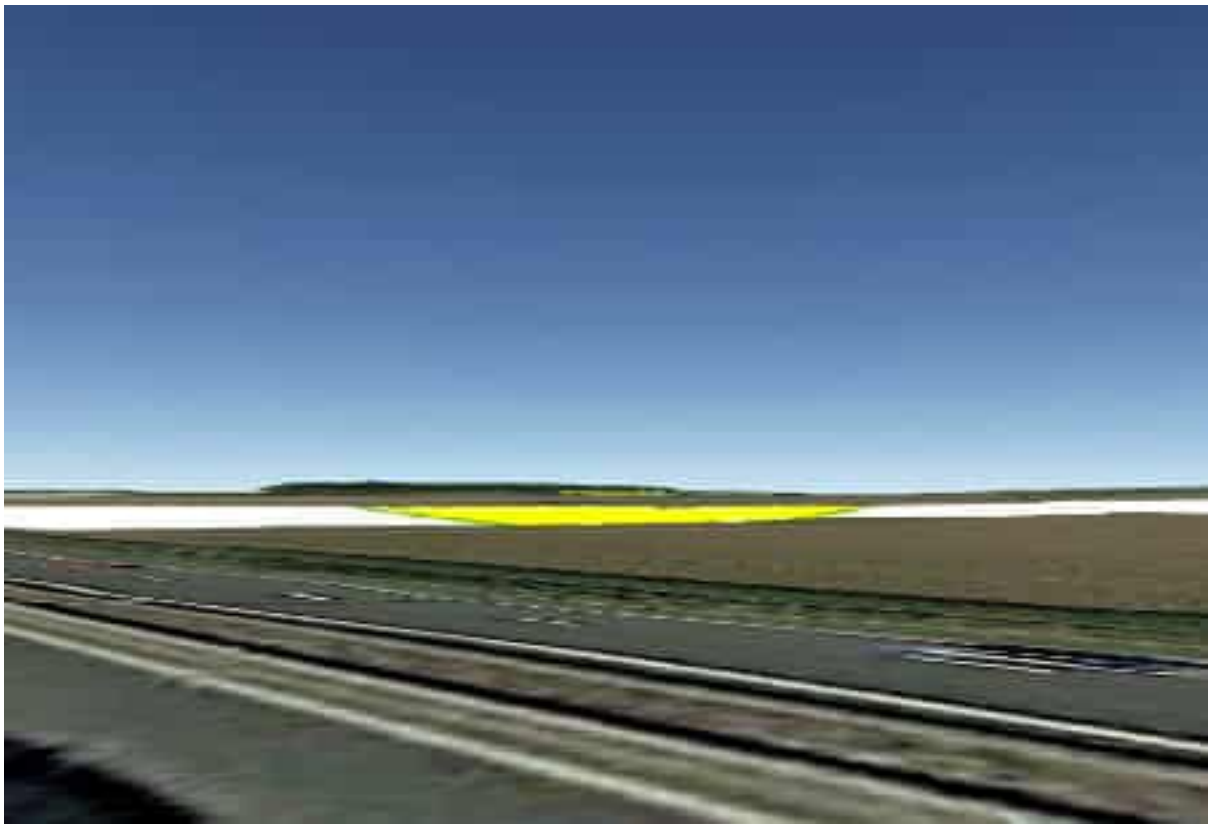
Looking West



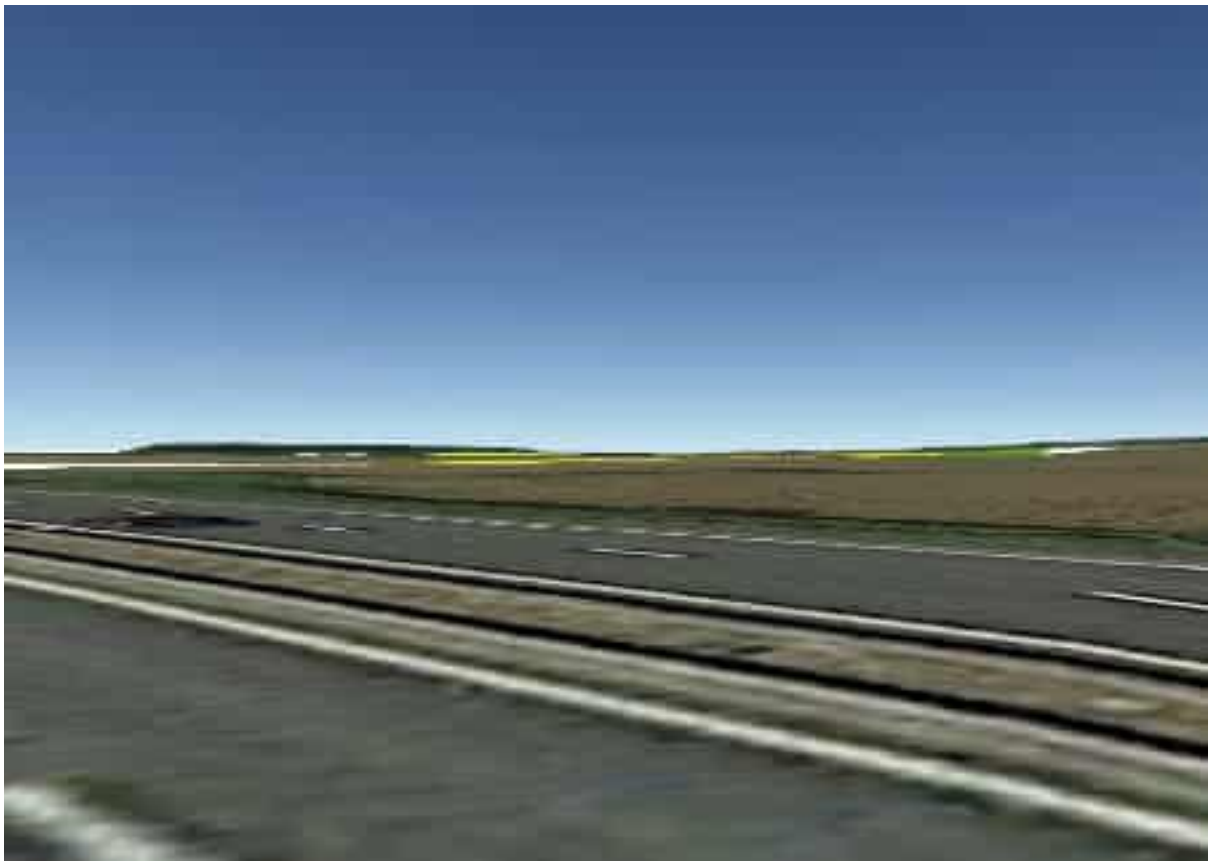
Receptor 20 (Group A Receptor 20)



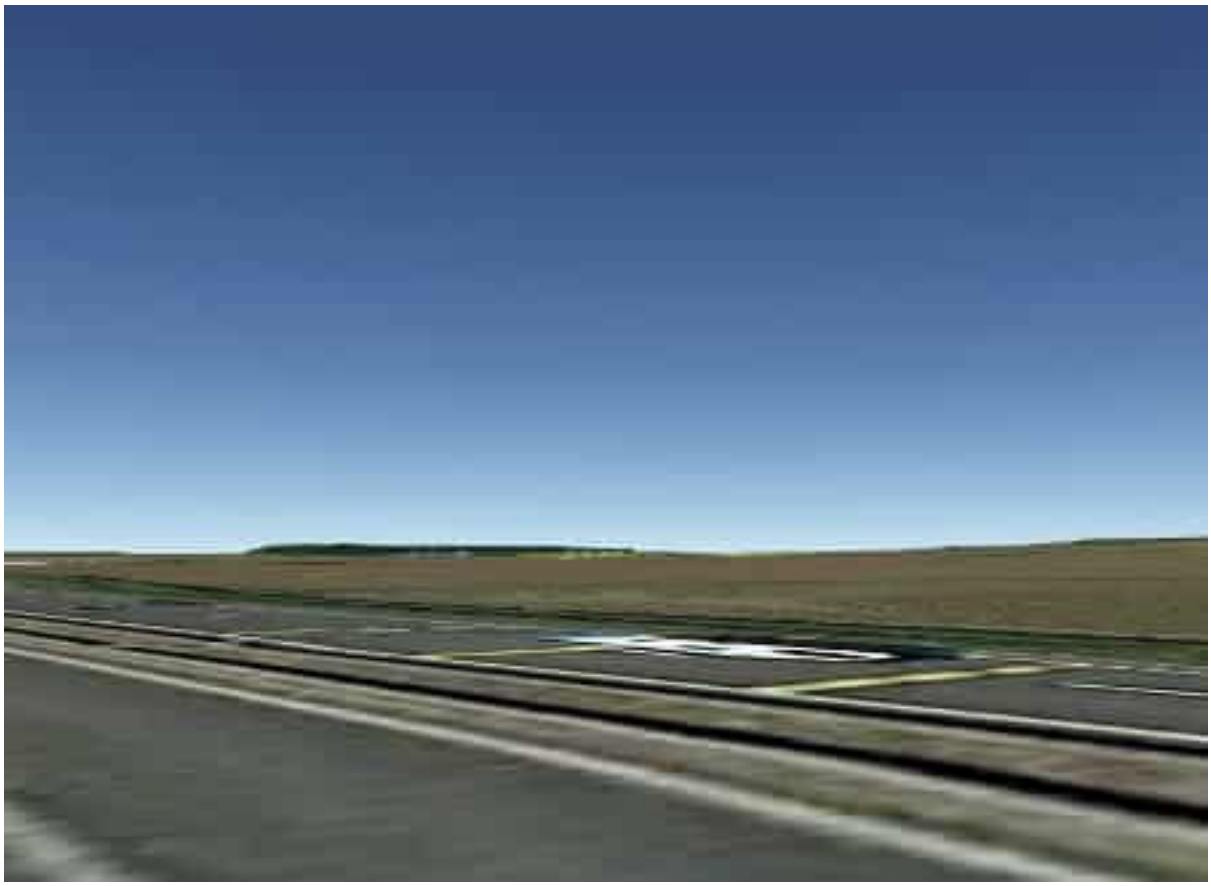
Receptor 21 (Group A Receptor 21)



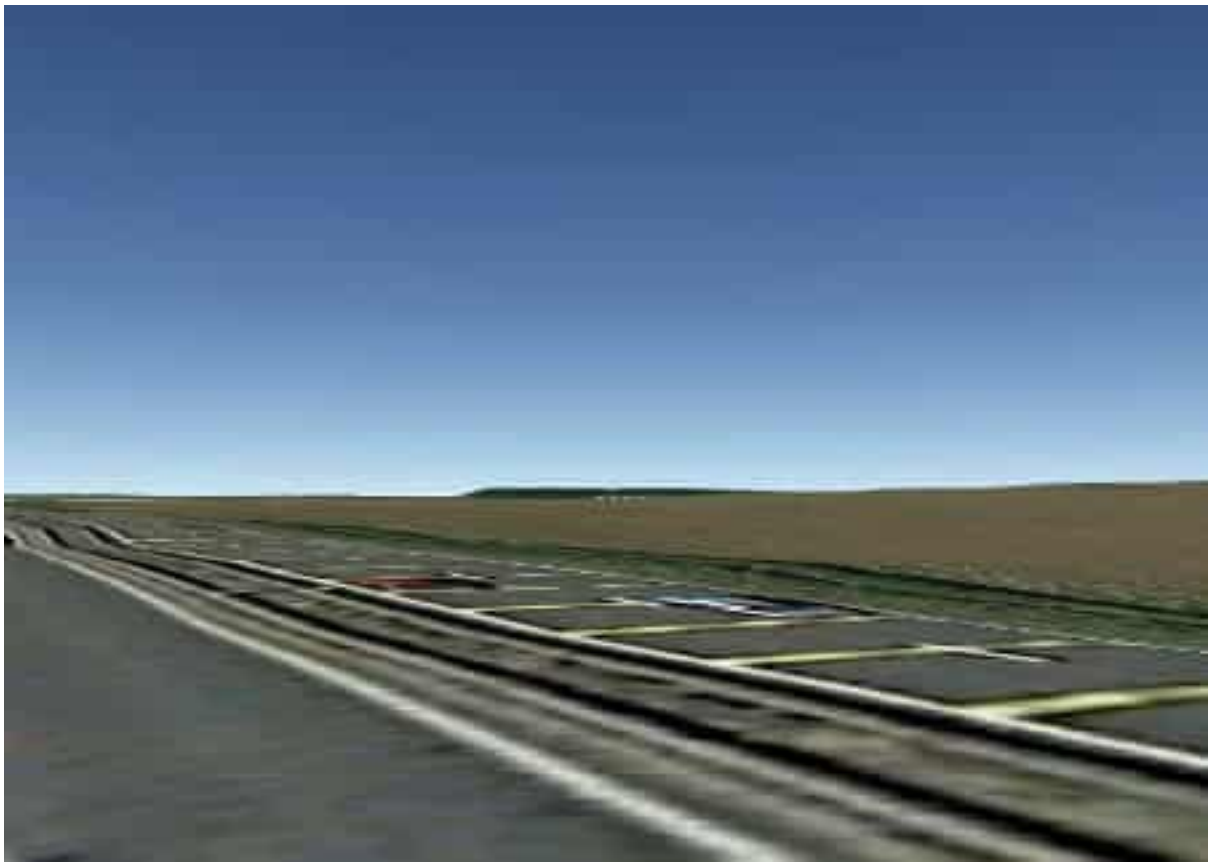
Receptor 22 (Group A Receptor 22)



Receptor 23 (Group A Receptor 23)

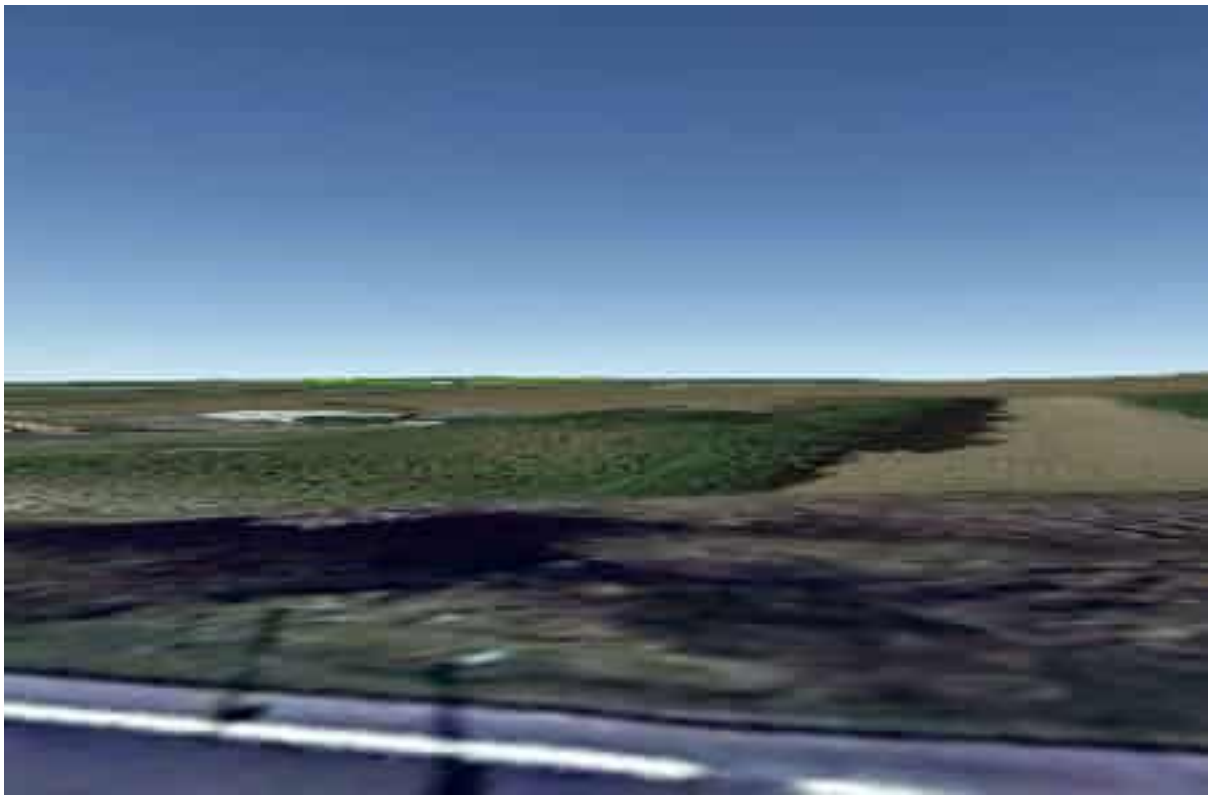


Receptor 24 (Group A Receptor 24)

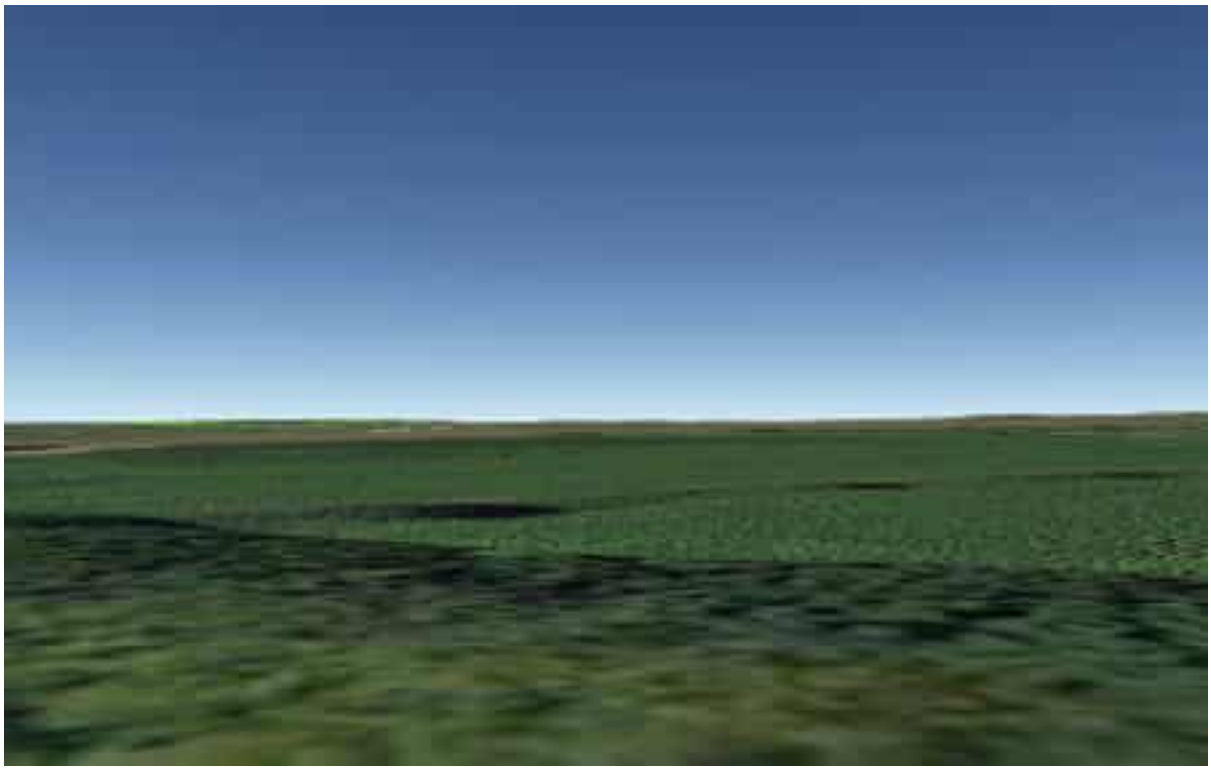


Receptor 25 (Group A Receptor 25)

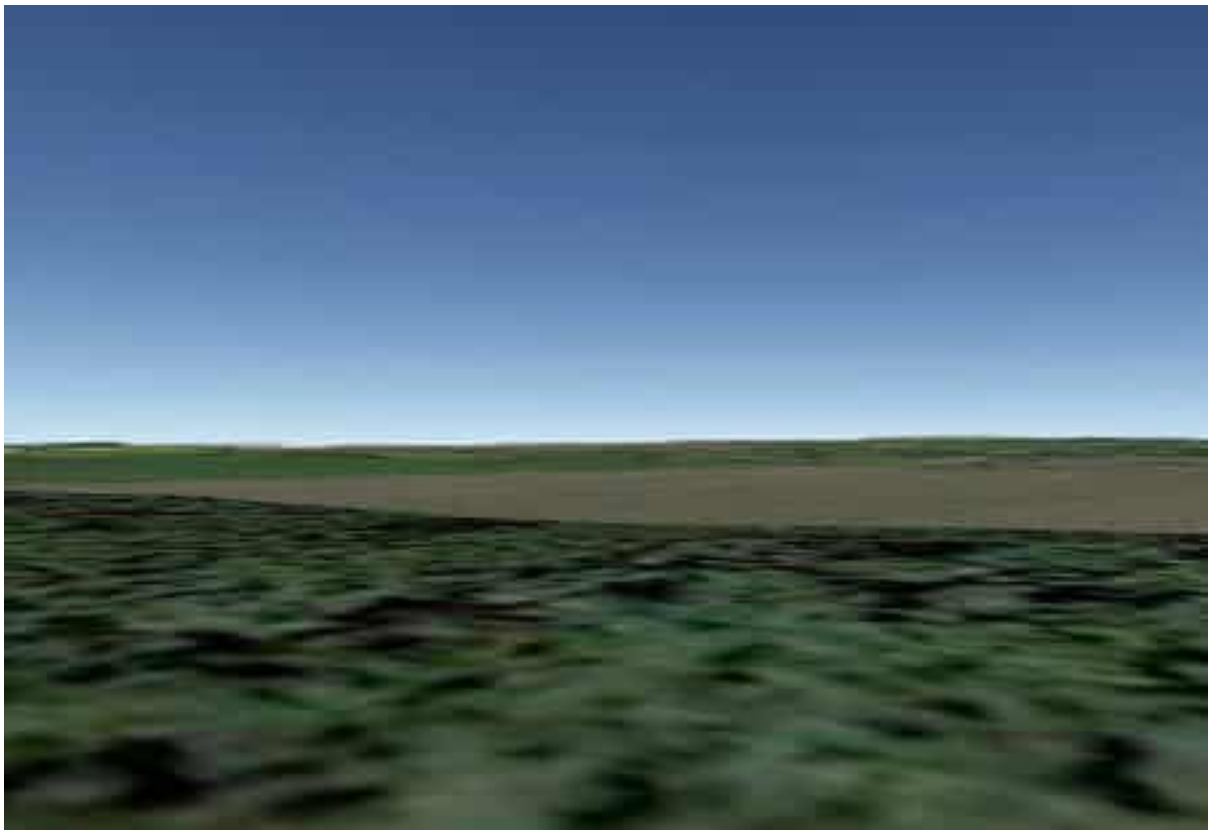
Receptor 26 (Group A Receptor 26)



Receptor 27 (Group A Receptor 27)

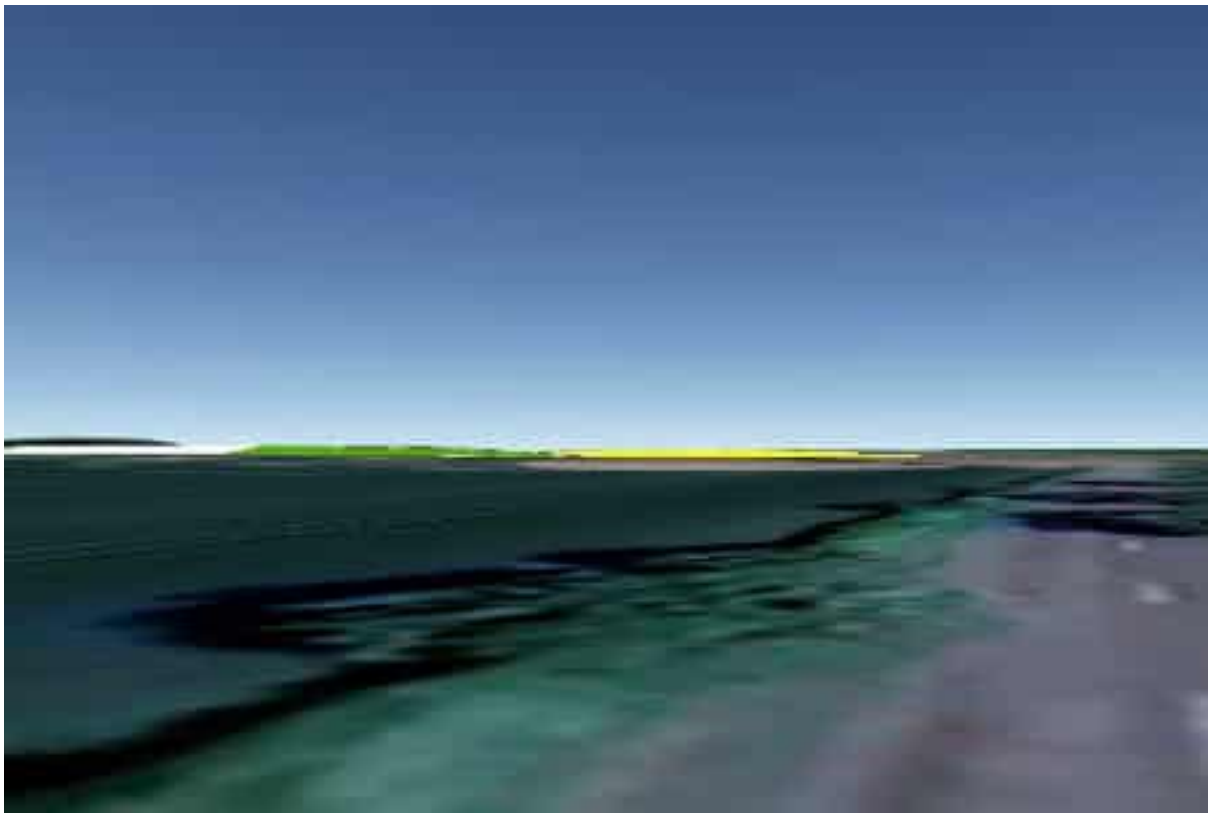


Receptor 28 (Group A Receptor 28)



Receptor 29 (Group A Receptor 29)

Receptor 30 (Group A Receptor 30)



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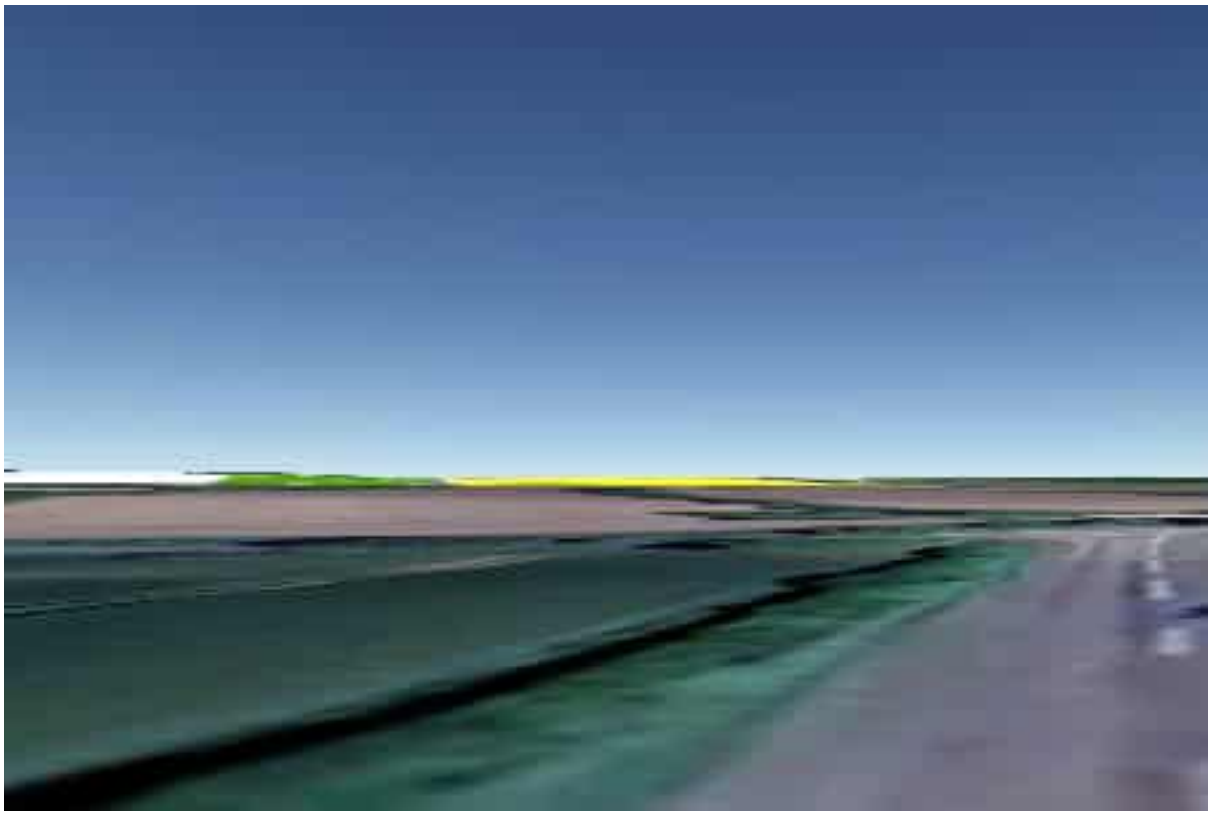

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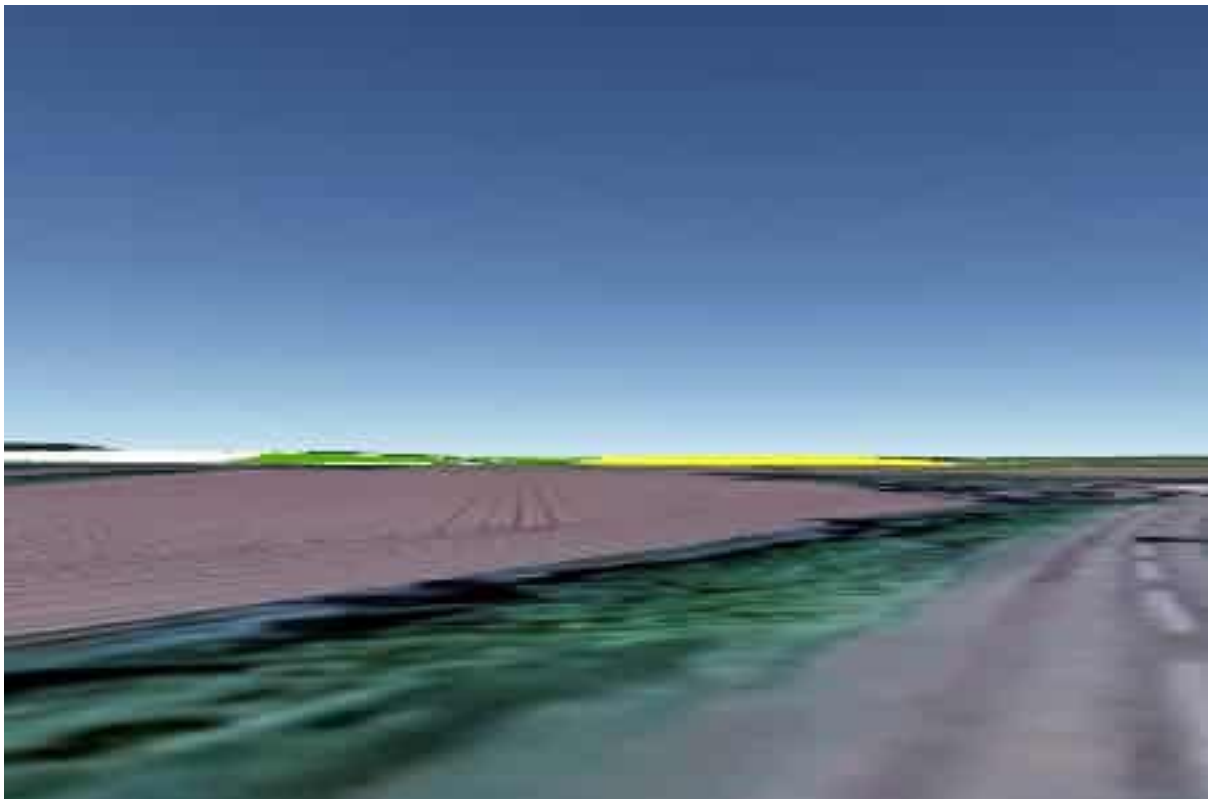

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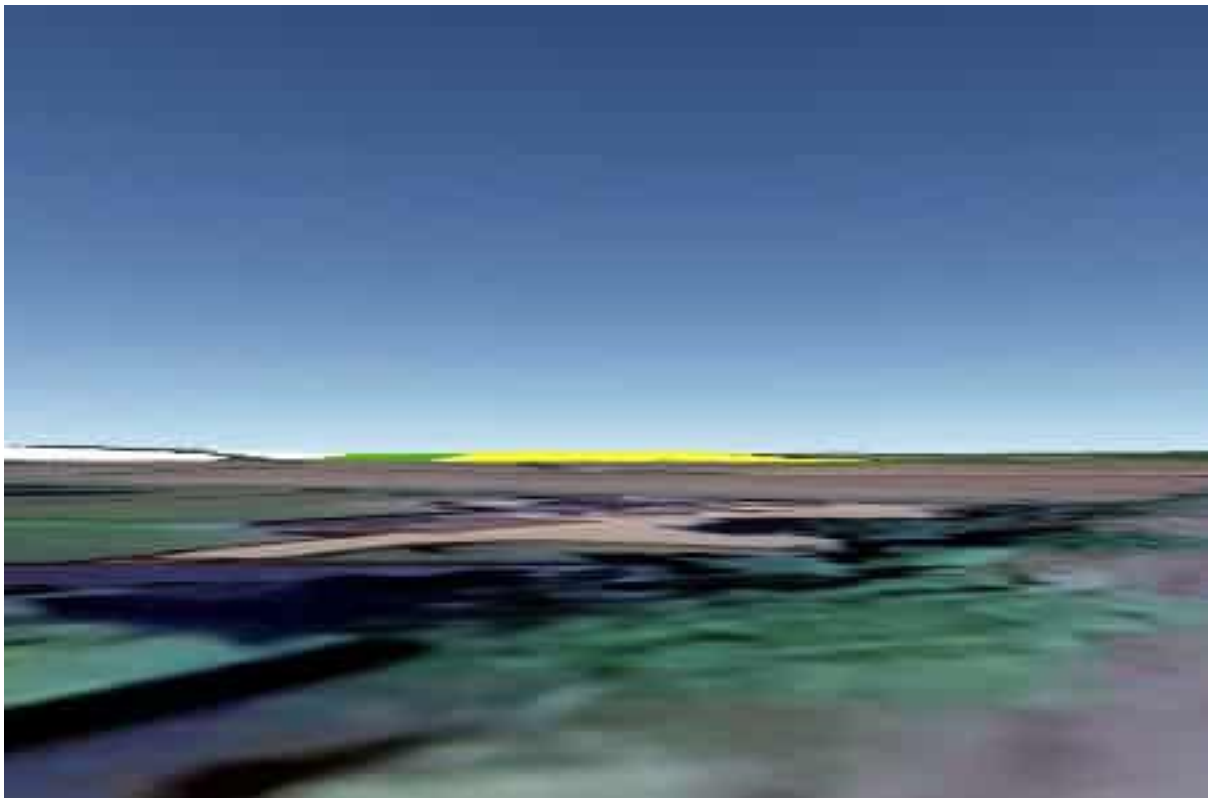

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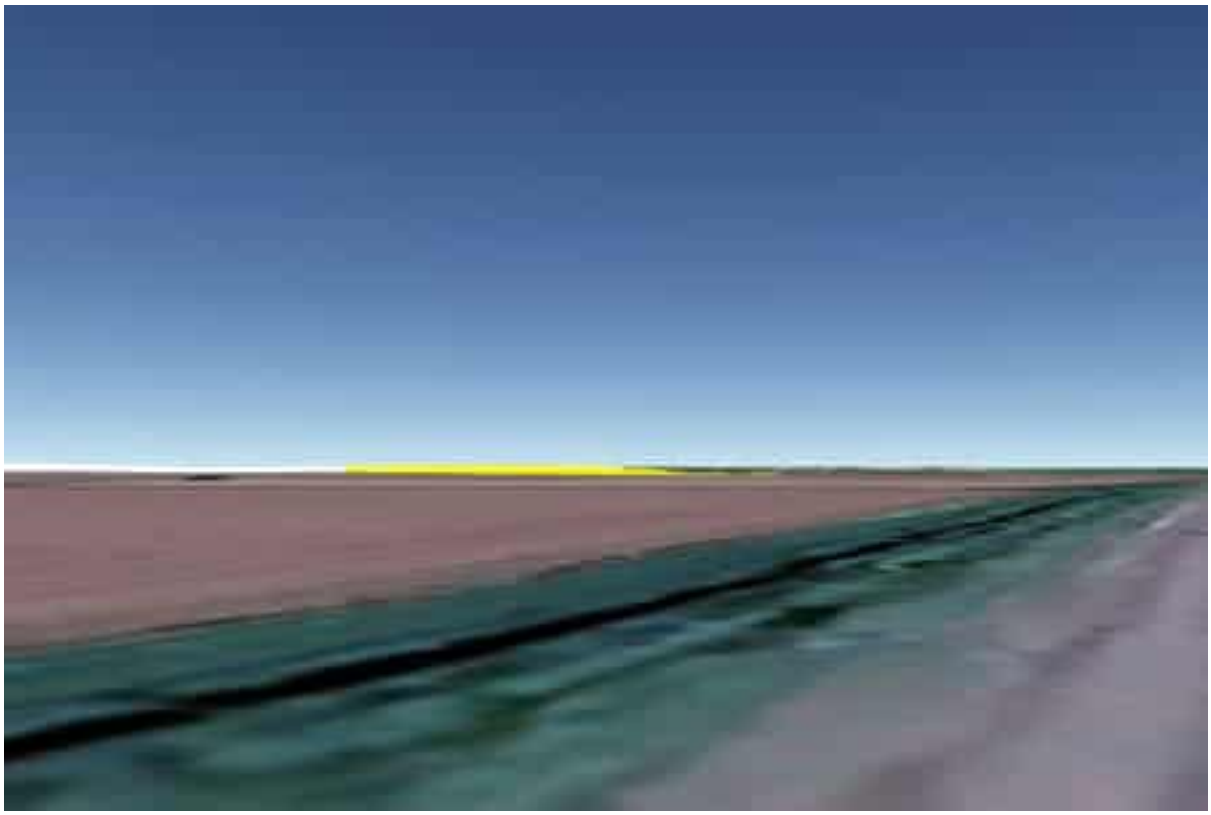

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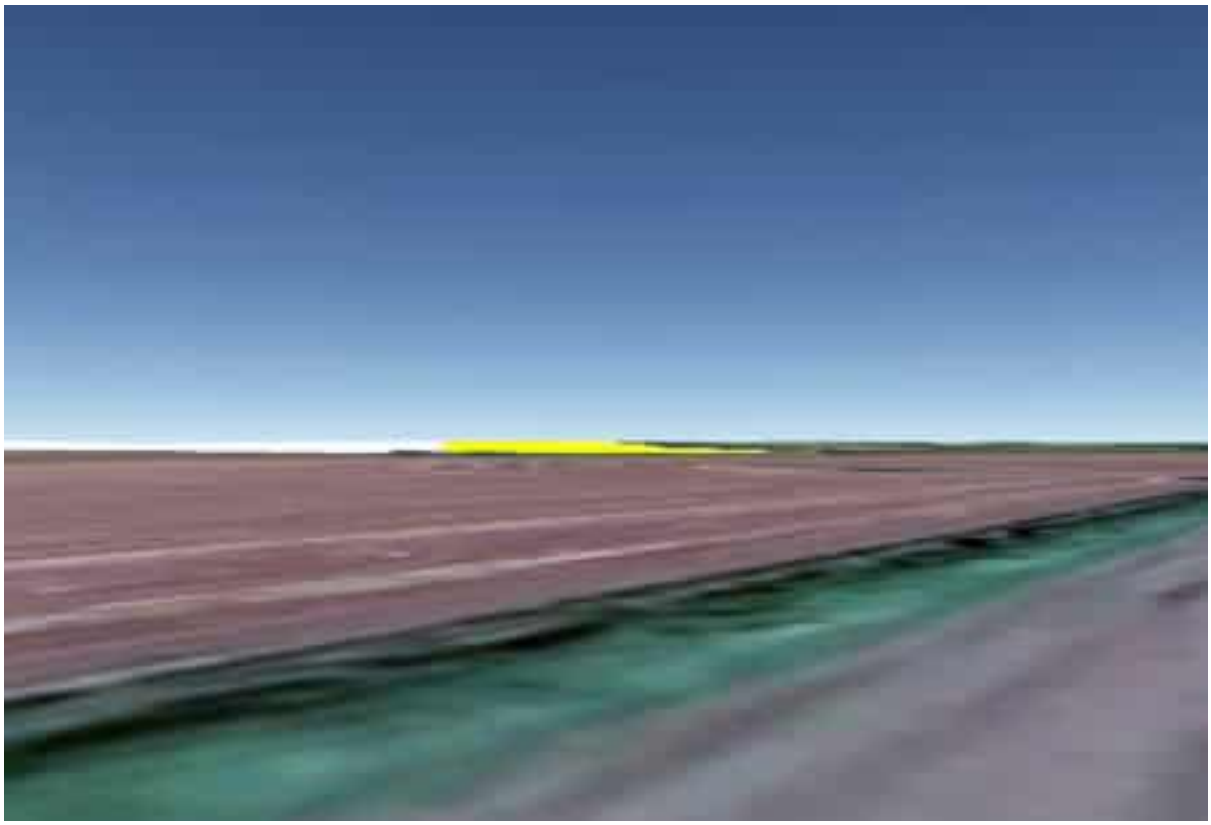

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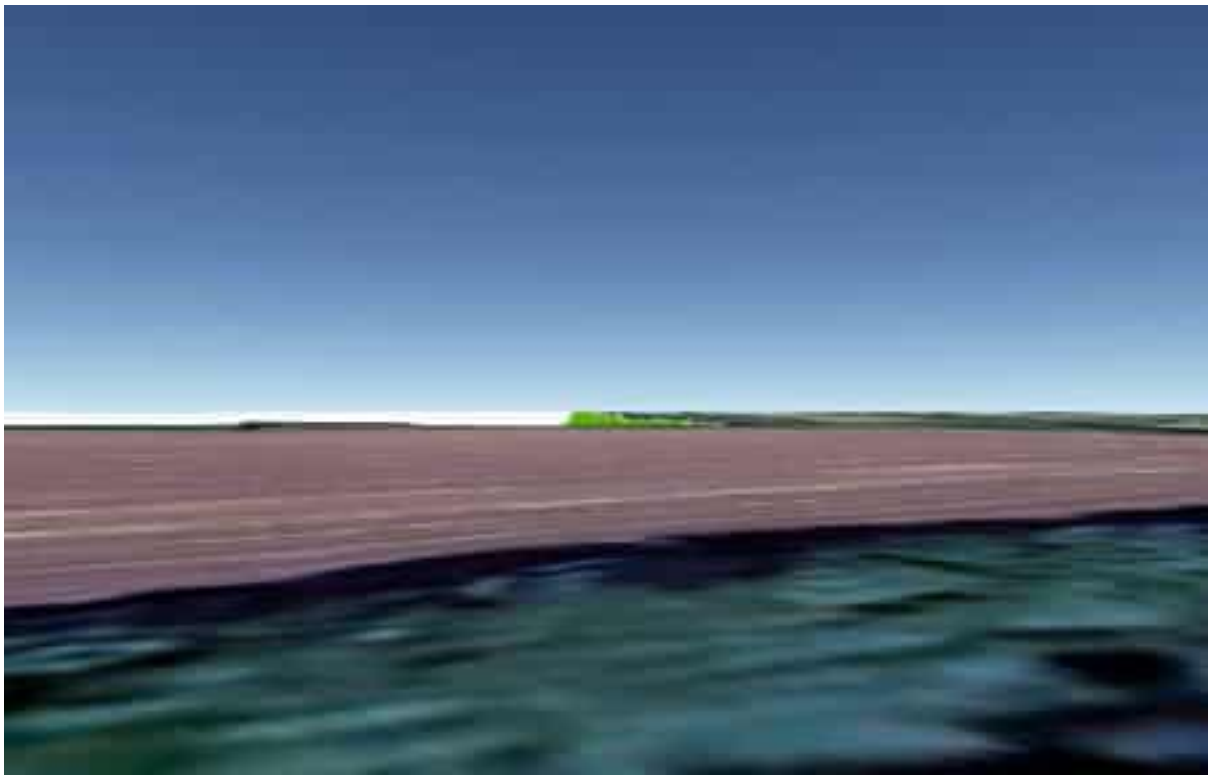

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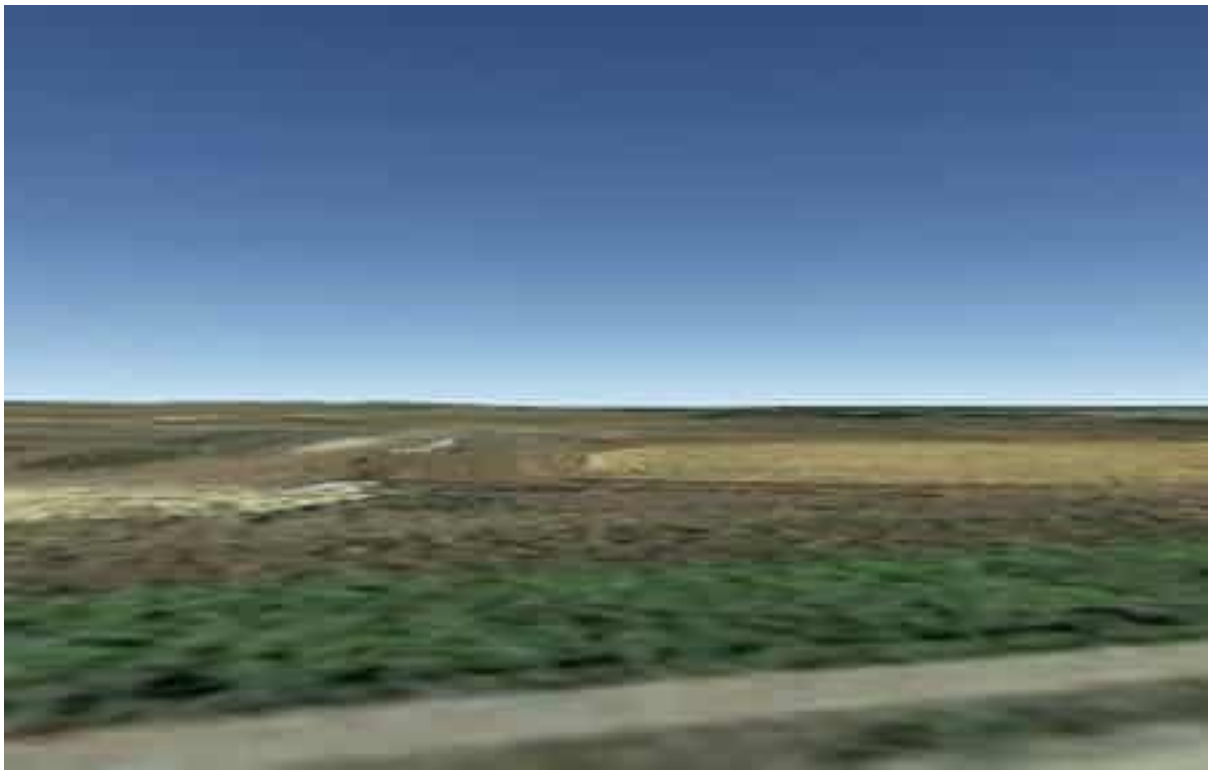

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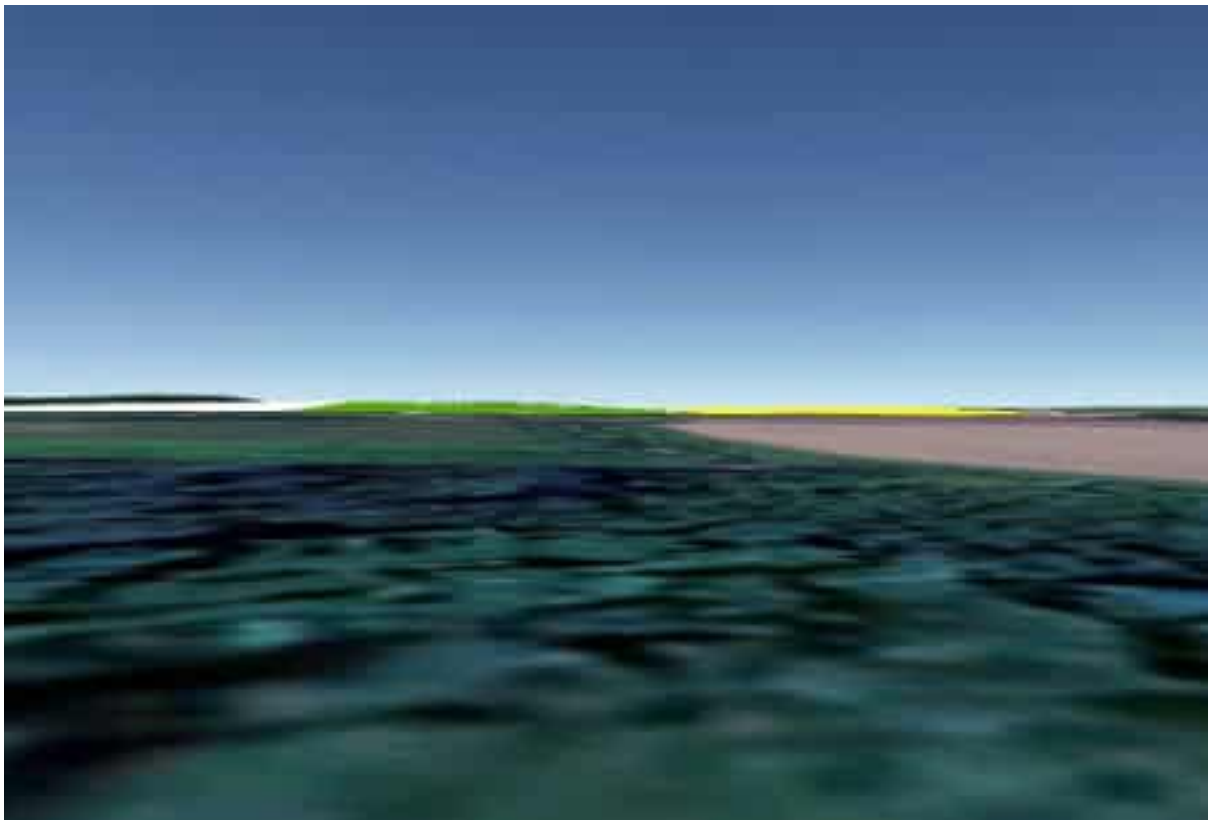

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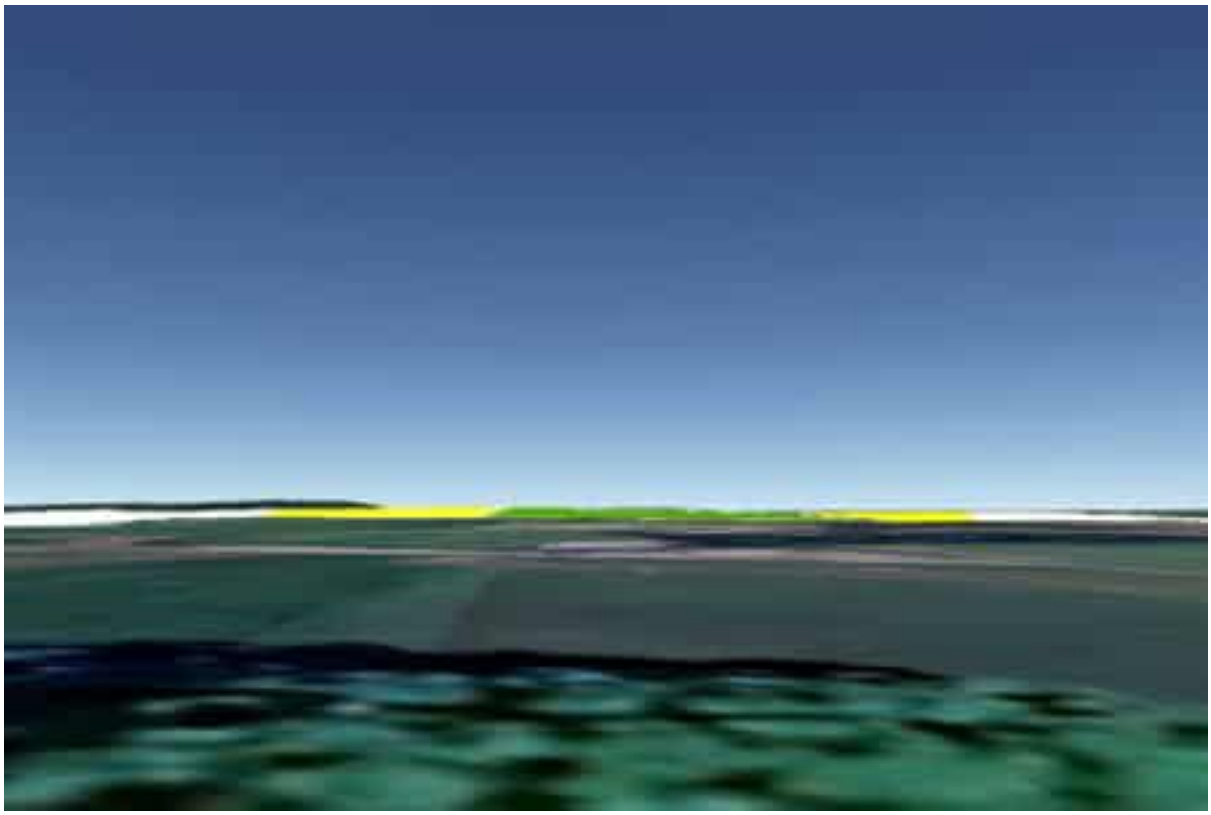

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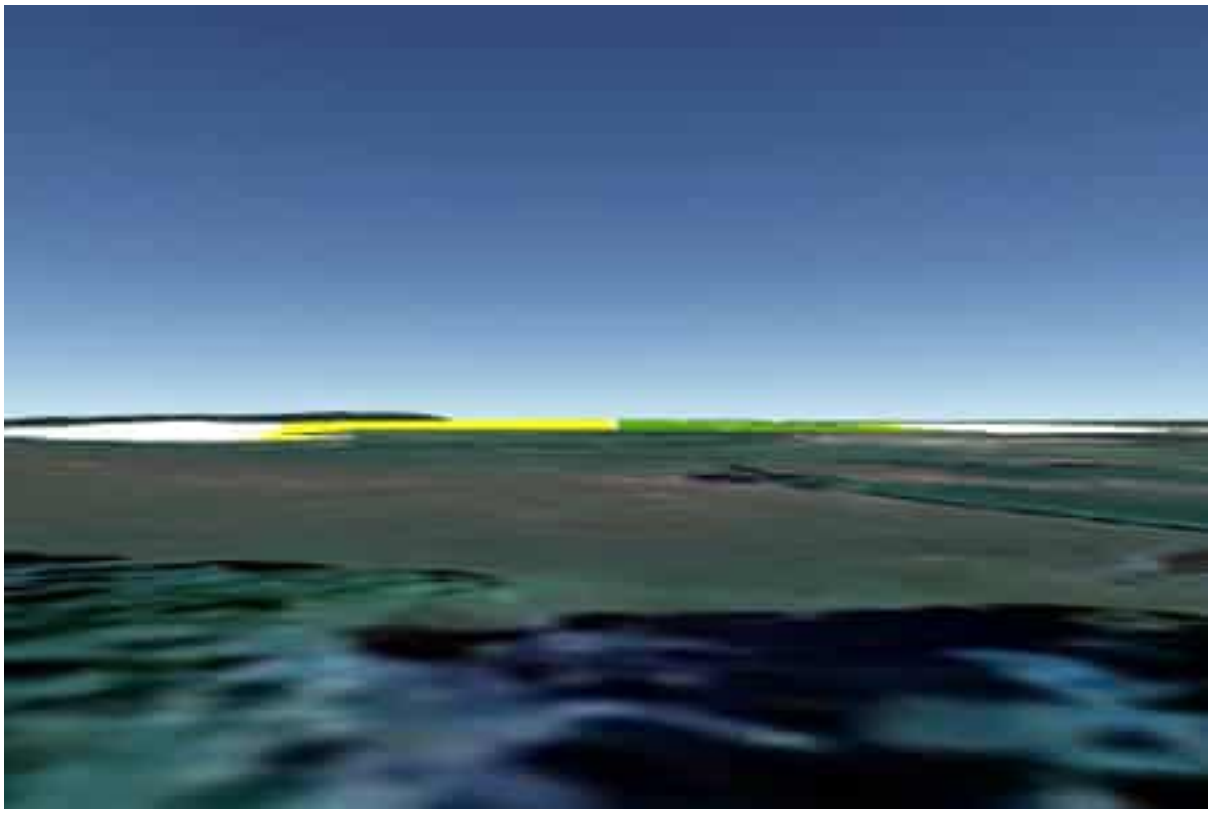

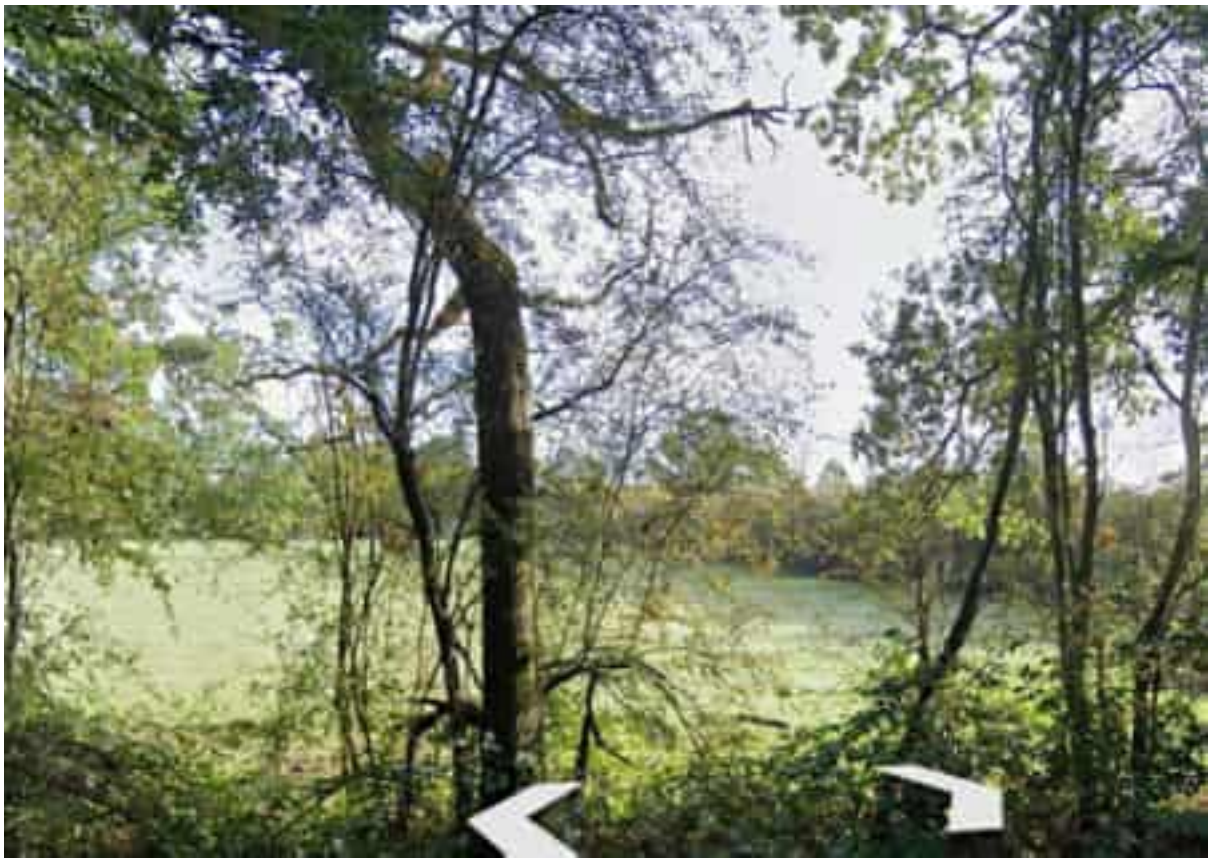

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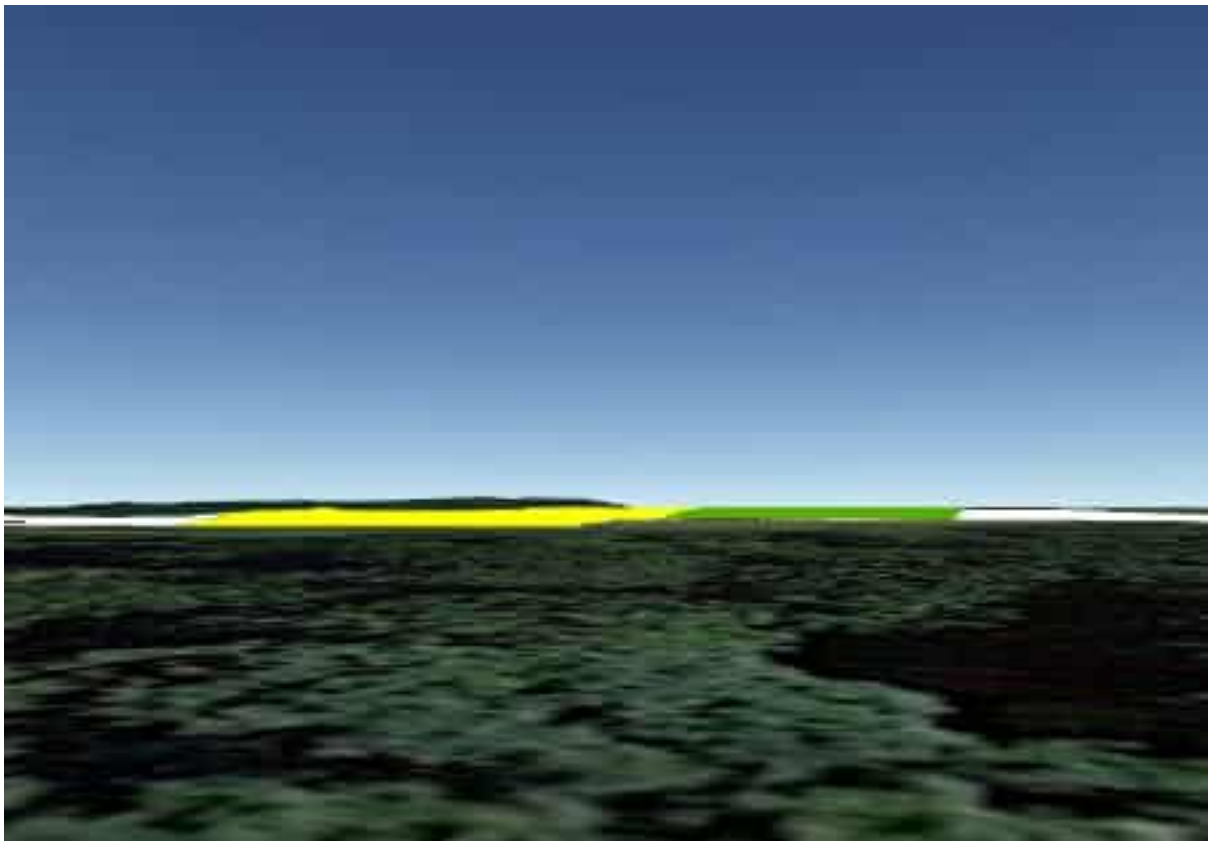
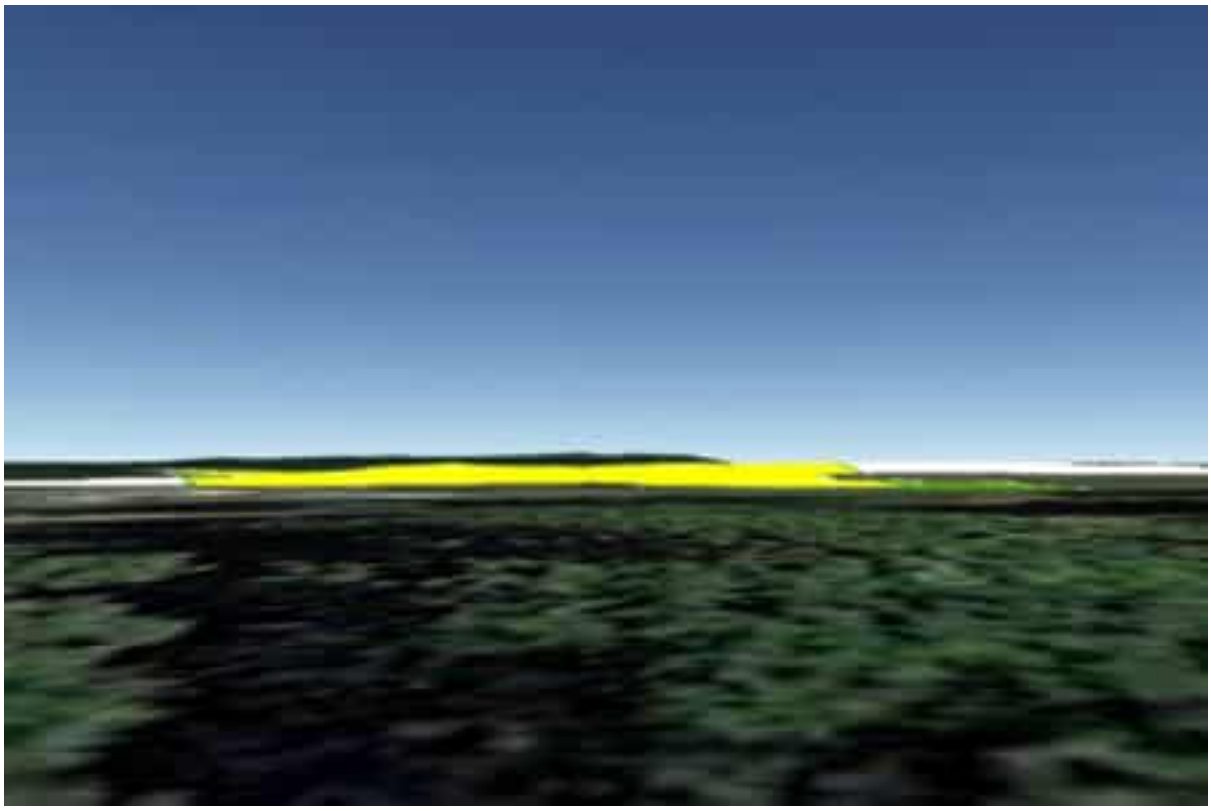


Receptor 42 (Group A Receptor 42)



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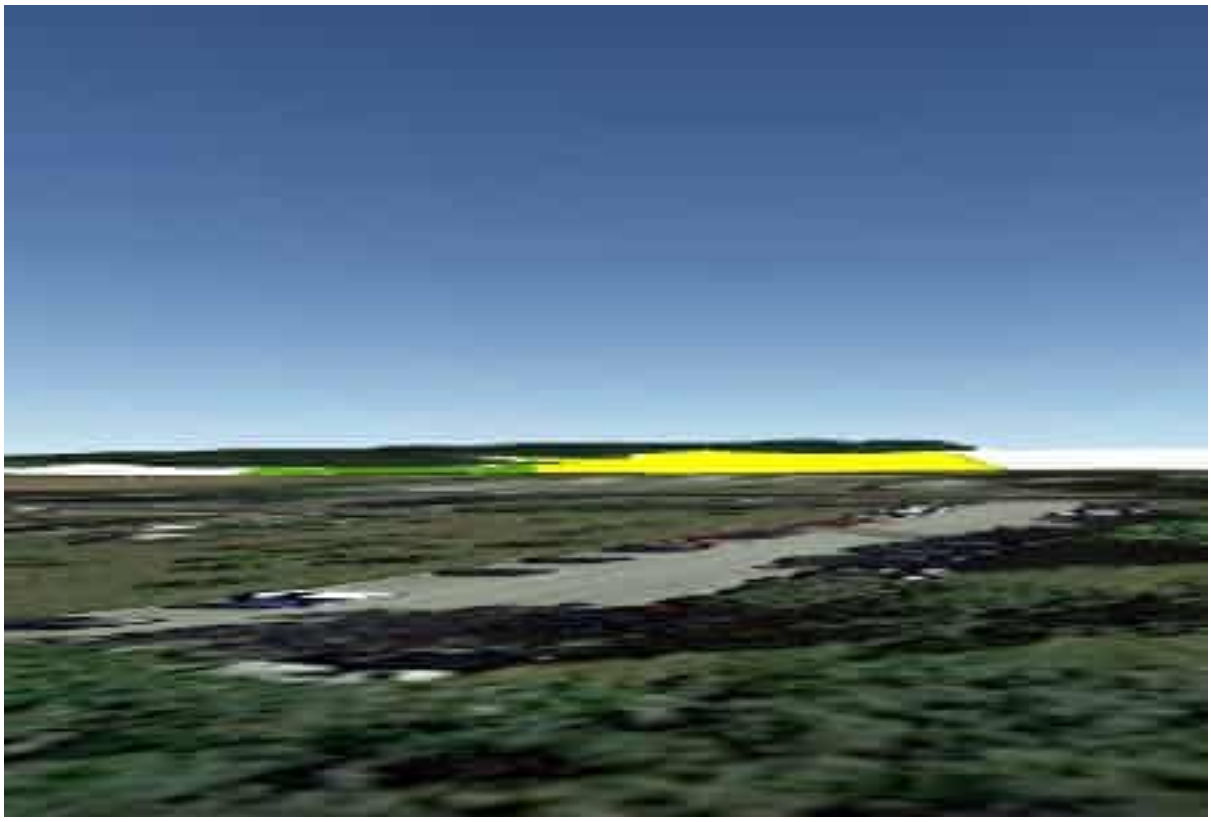

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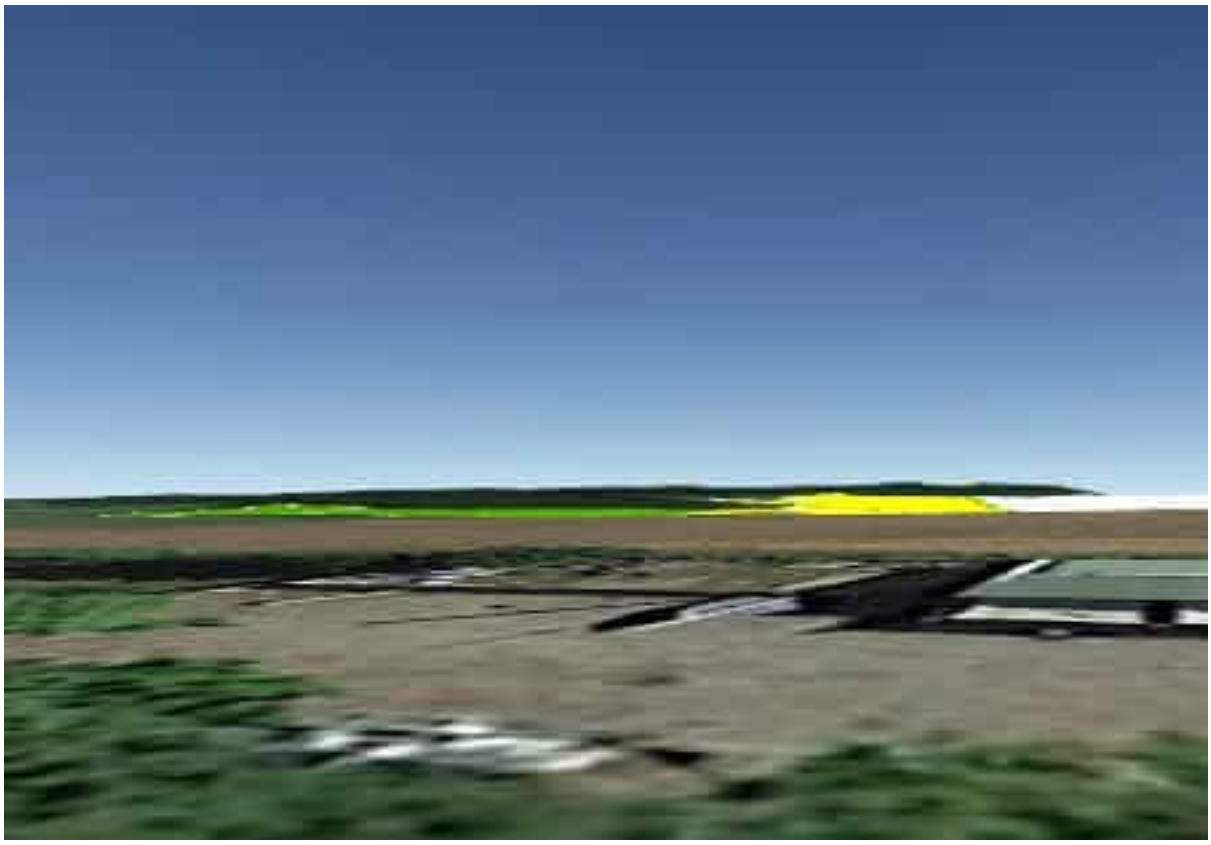

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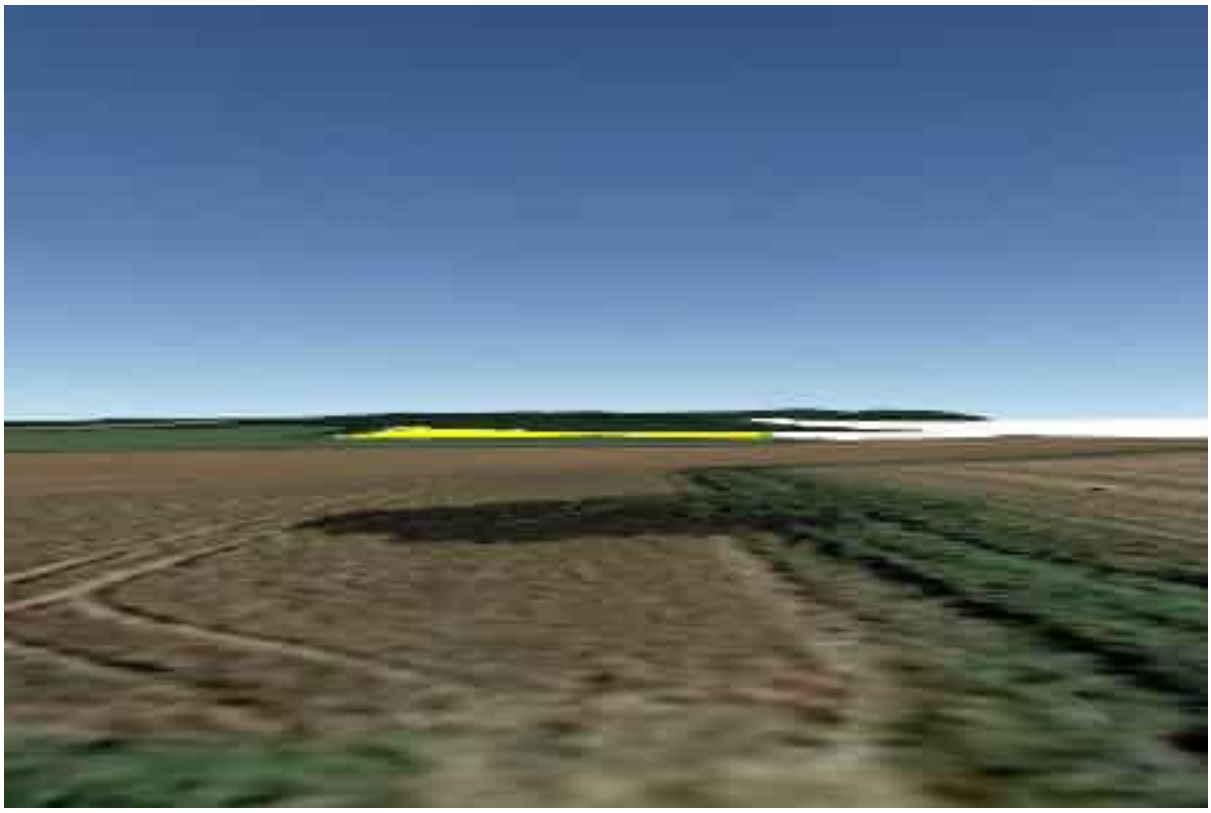
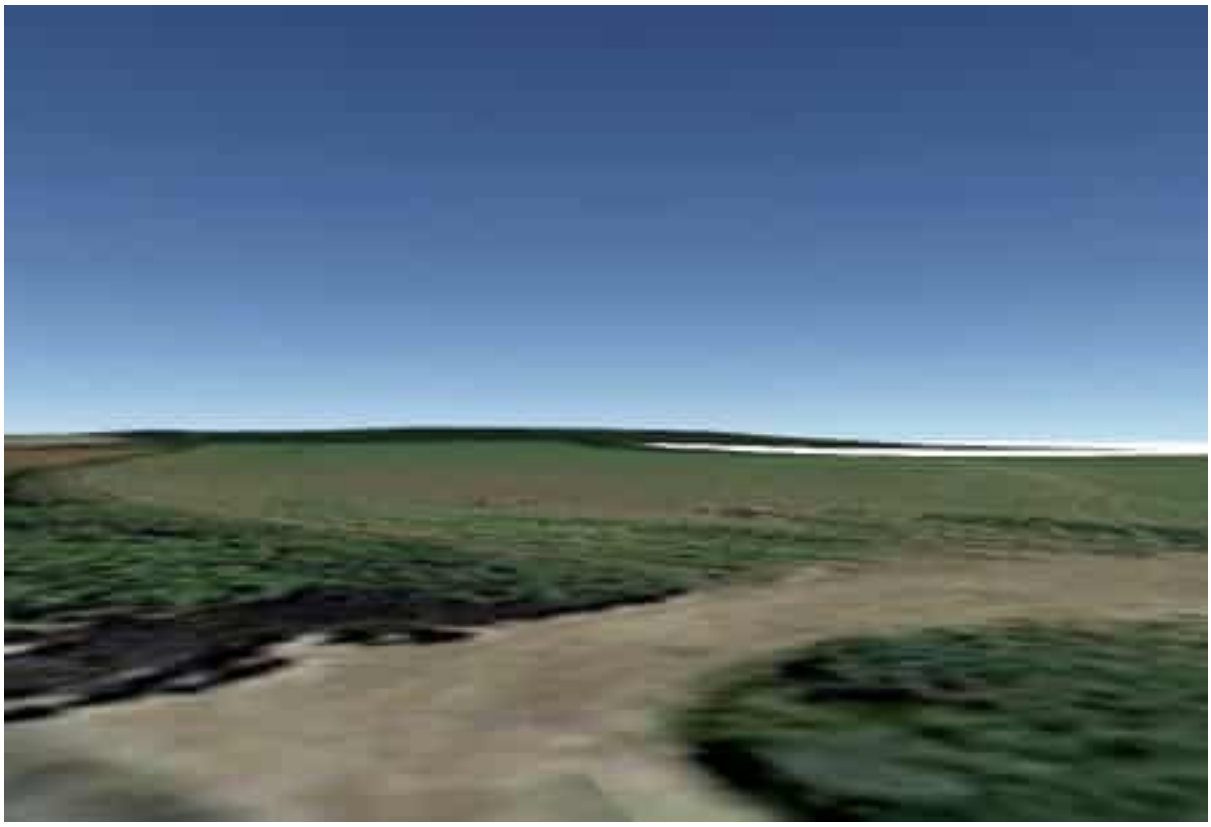


Receptor 46 (Group A Receptor 46)

Receptor 47 (Group A Receptor 47)



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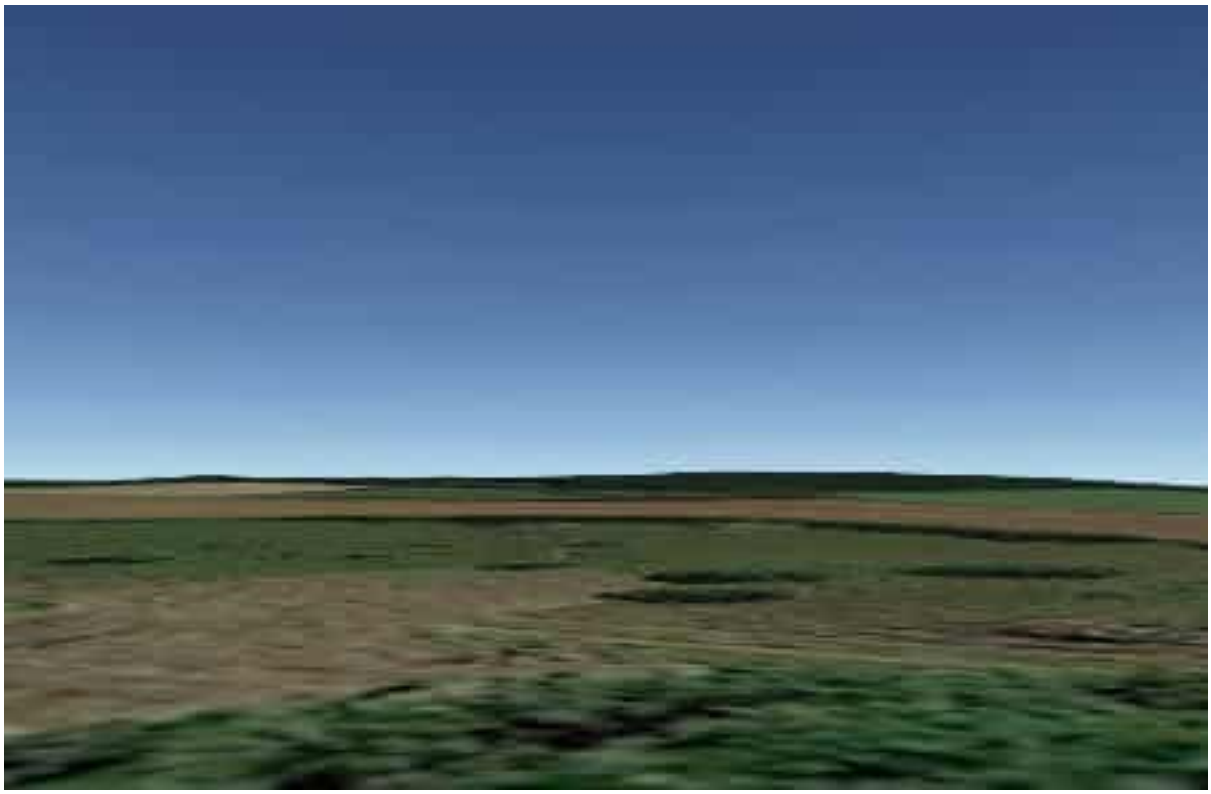

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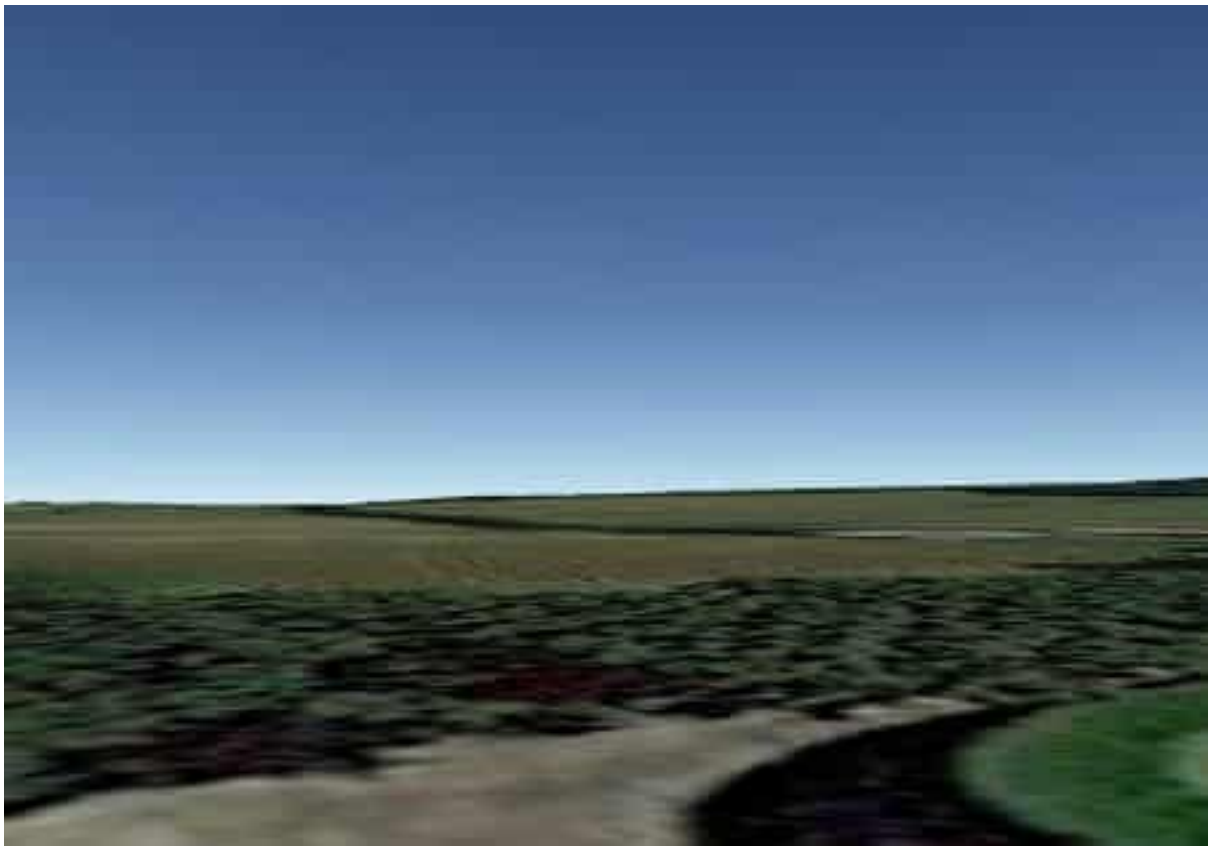
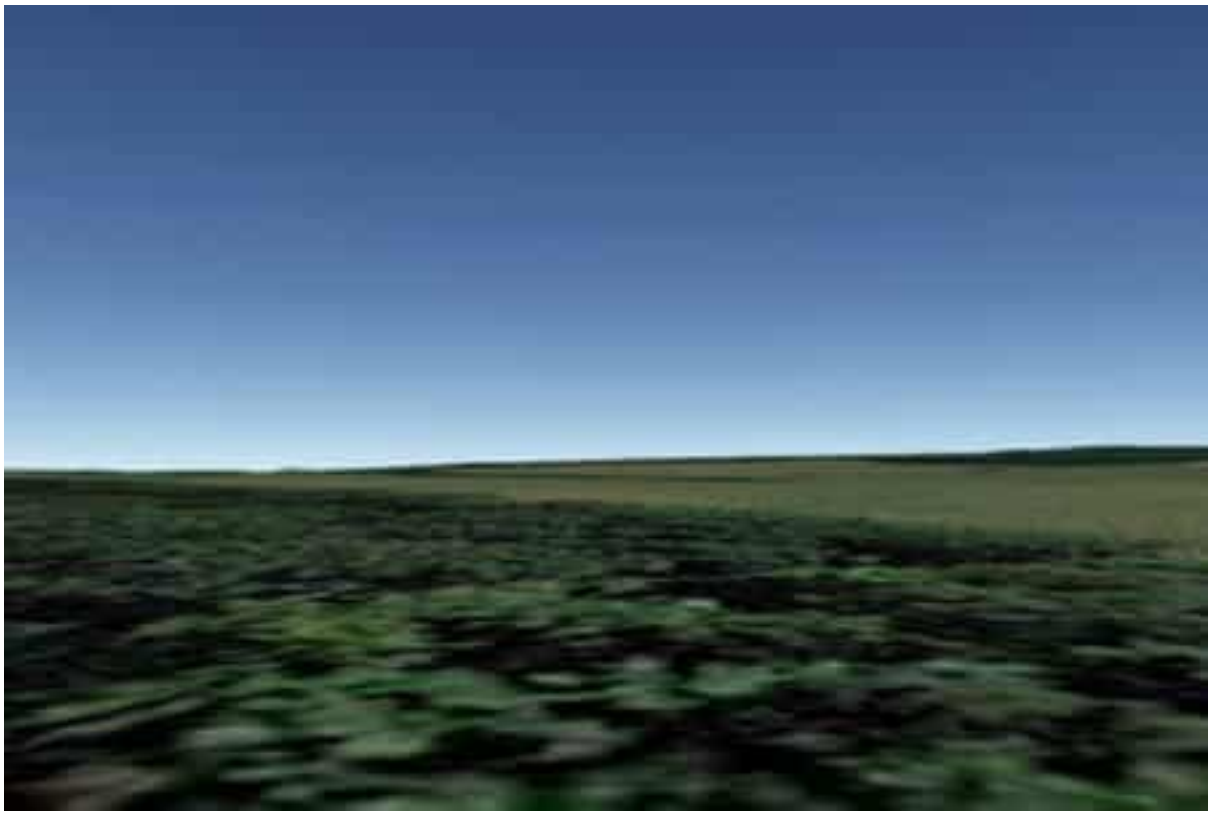


Receptor 50 (Group A Receptor 50)



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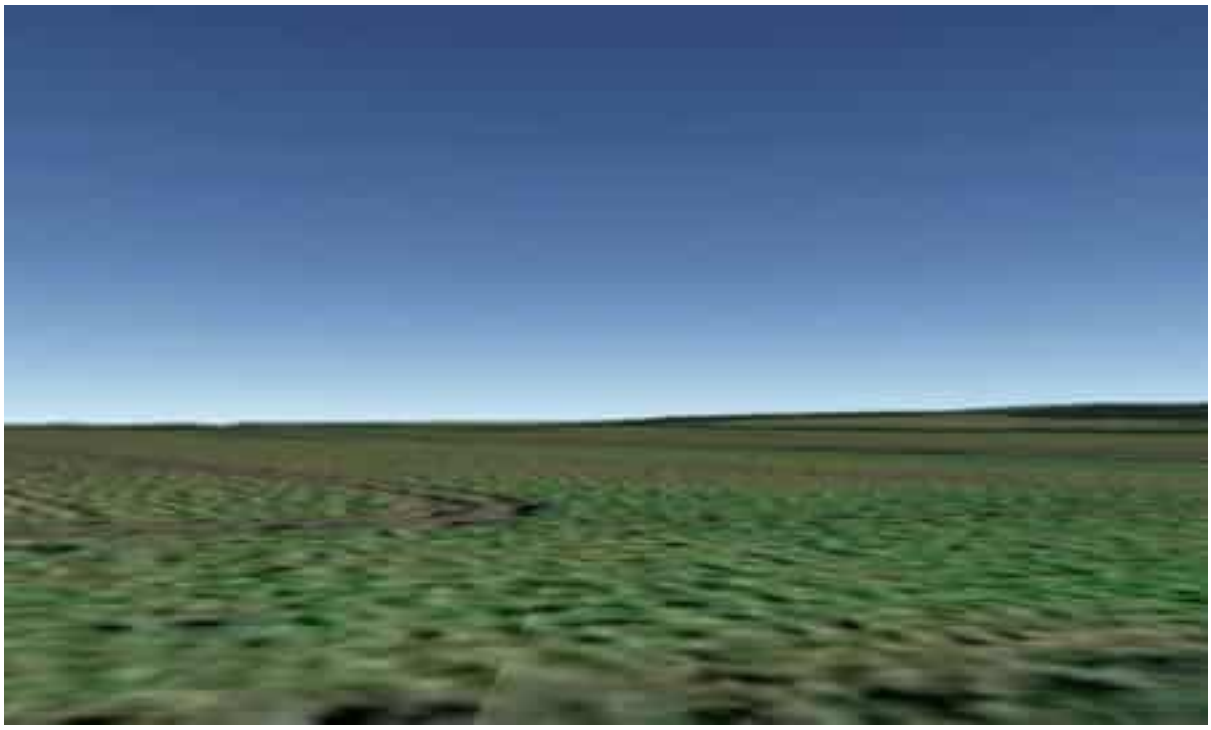

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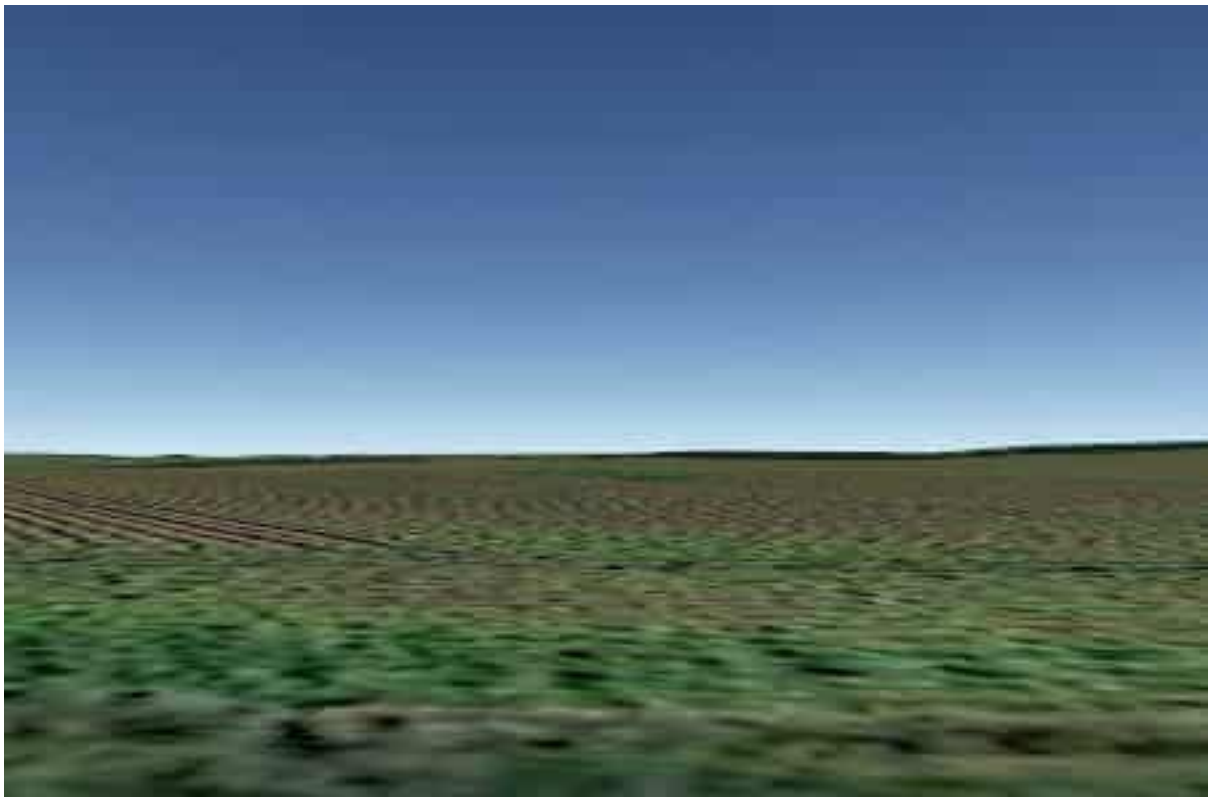

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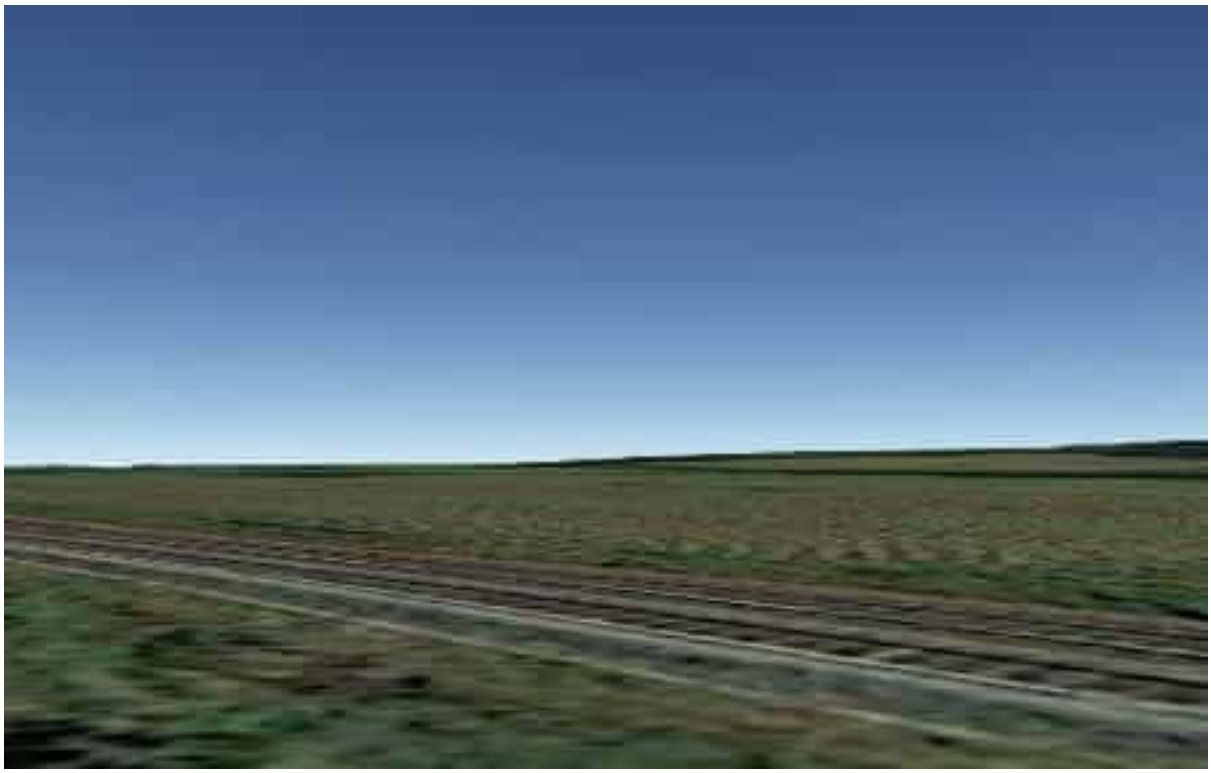

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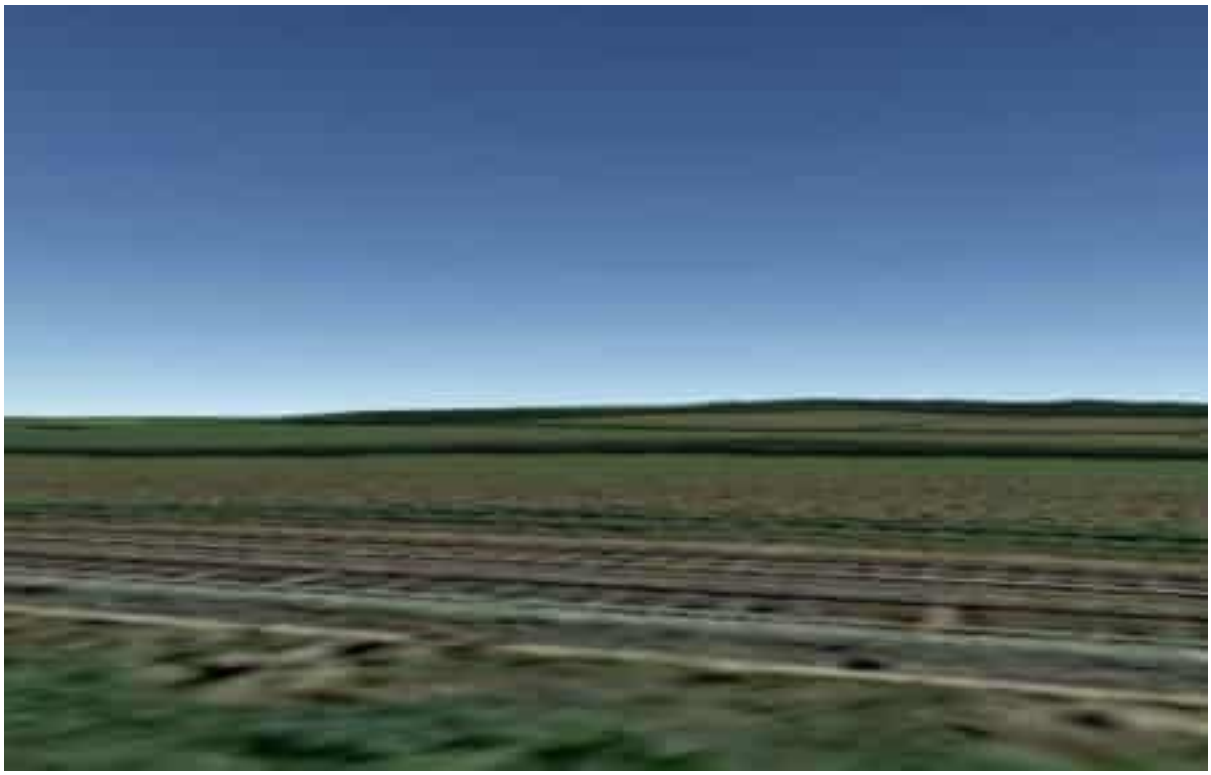

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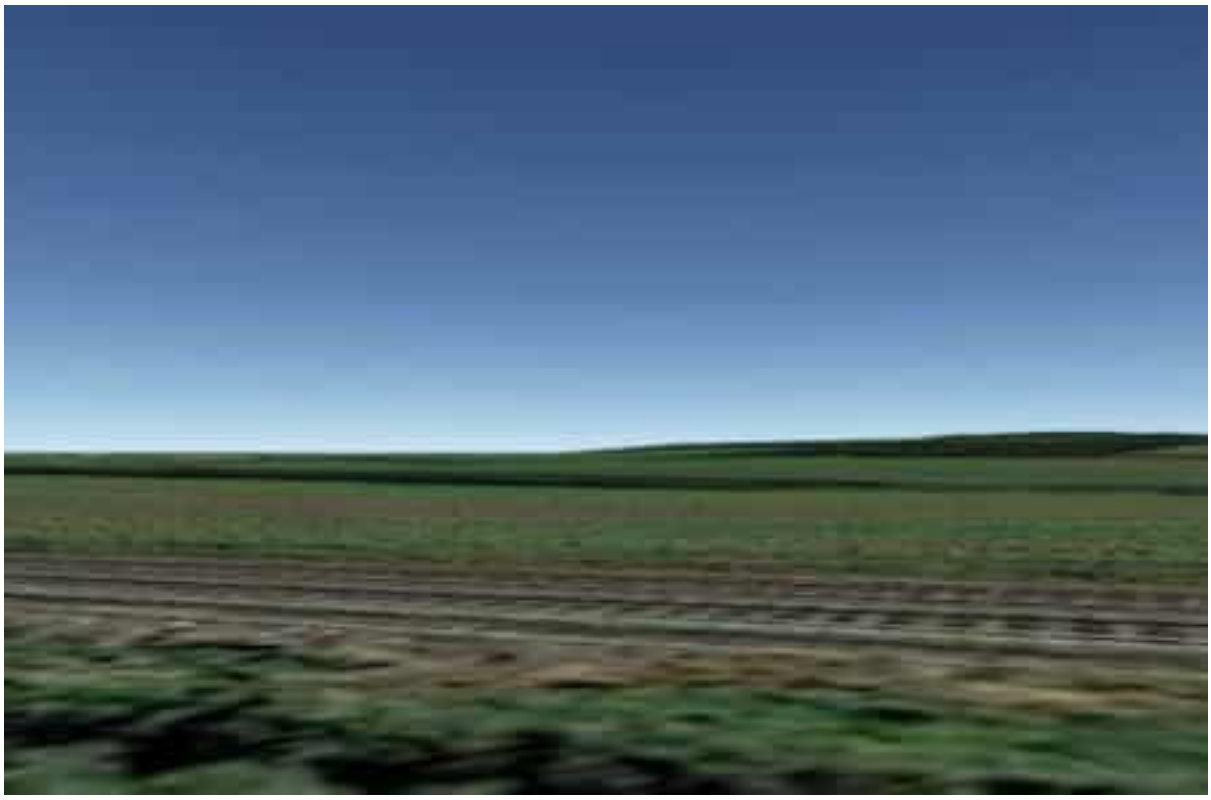
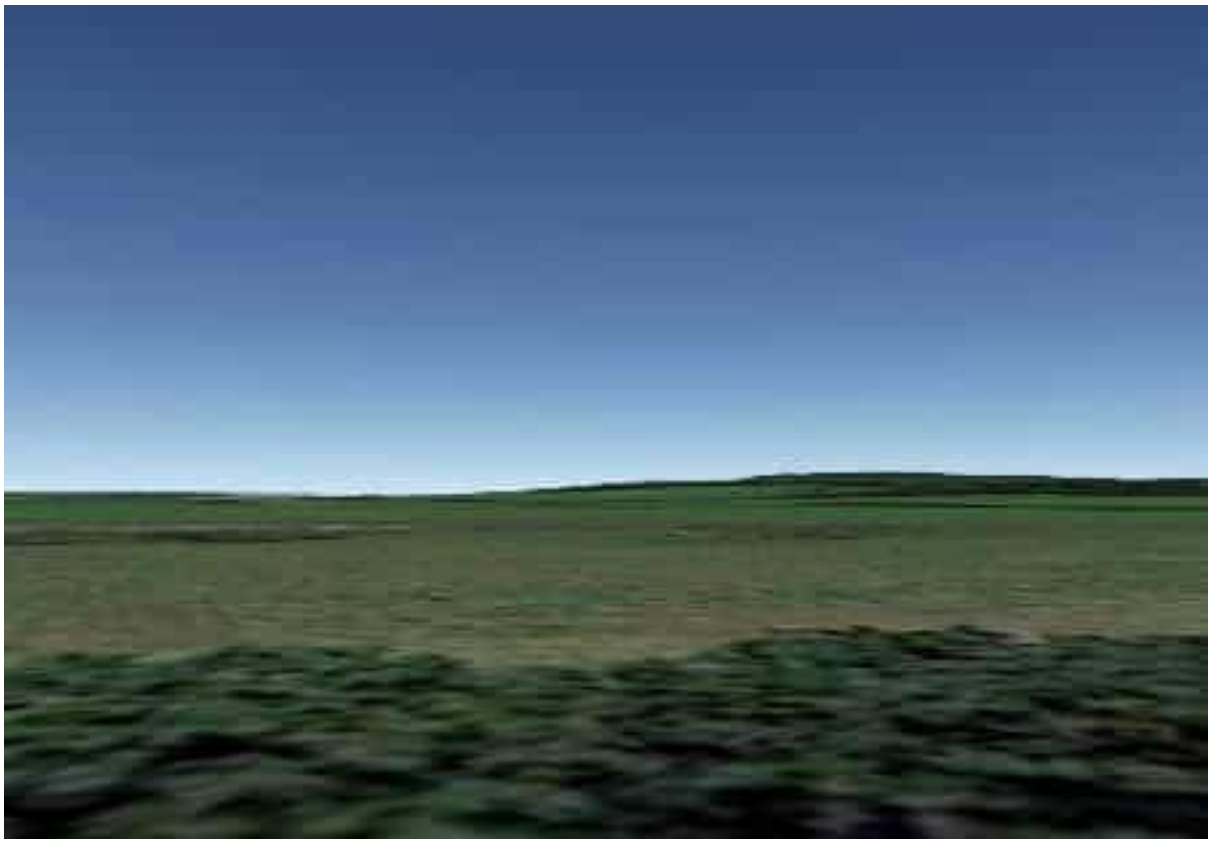


Receptor 56 (Group A Receptor 56)



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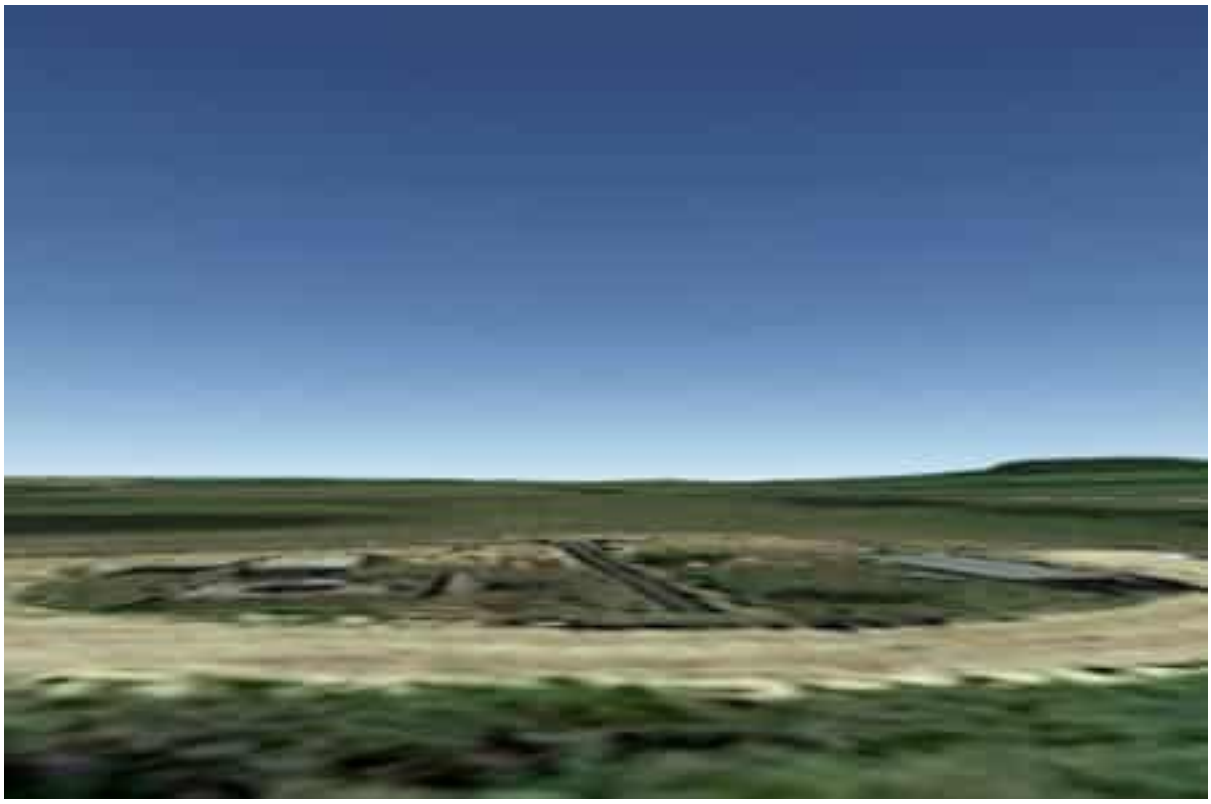

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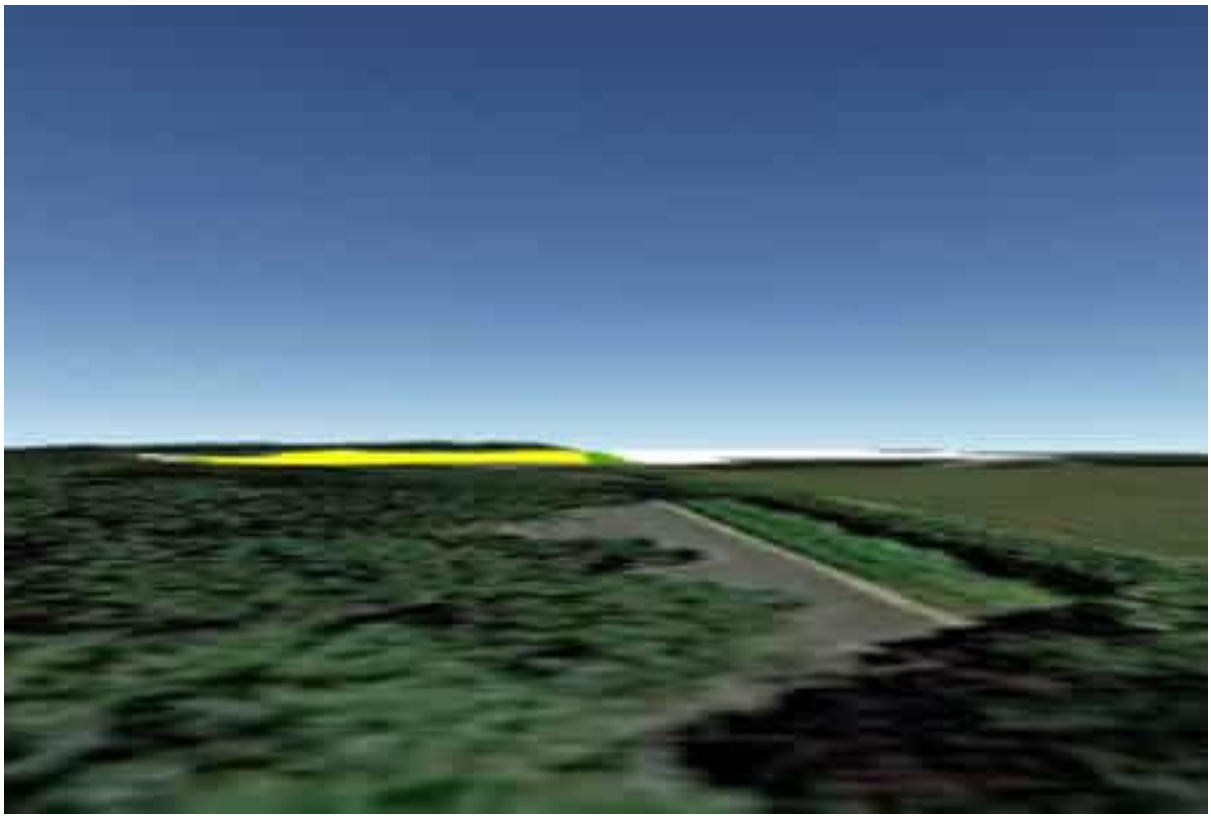
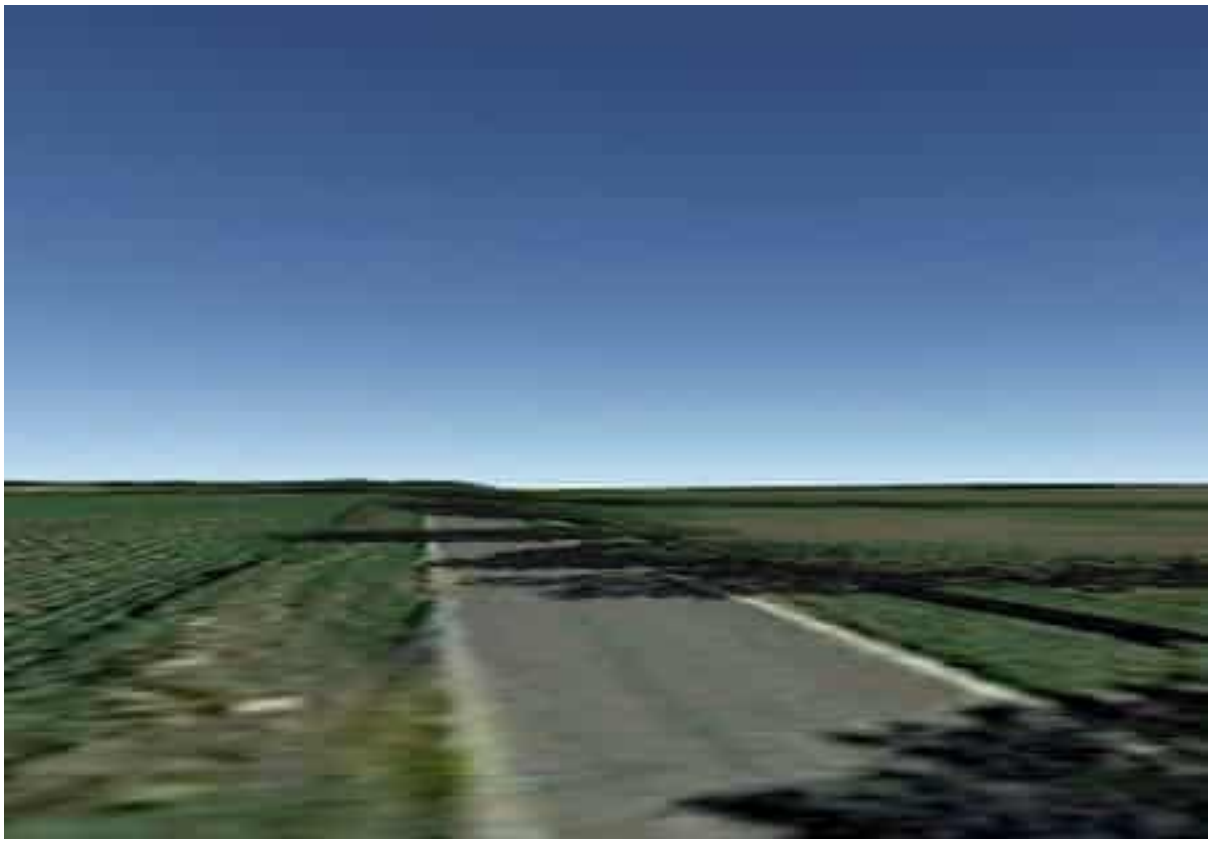


Receptor 59 (Group A Receptor 59)



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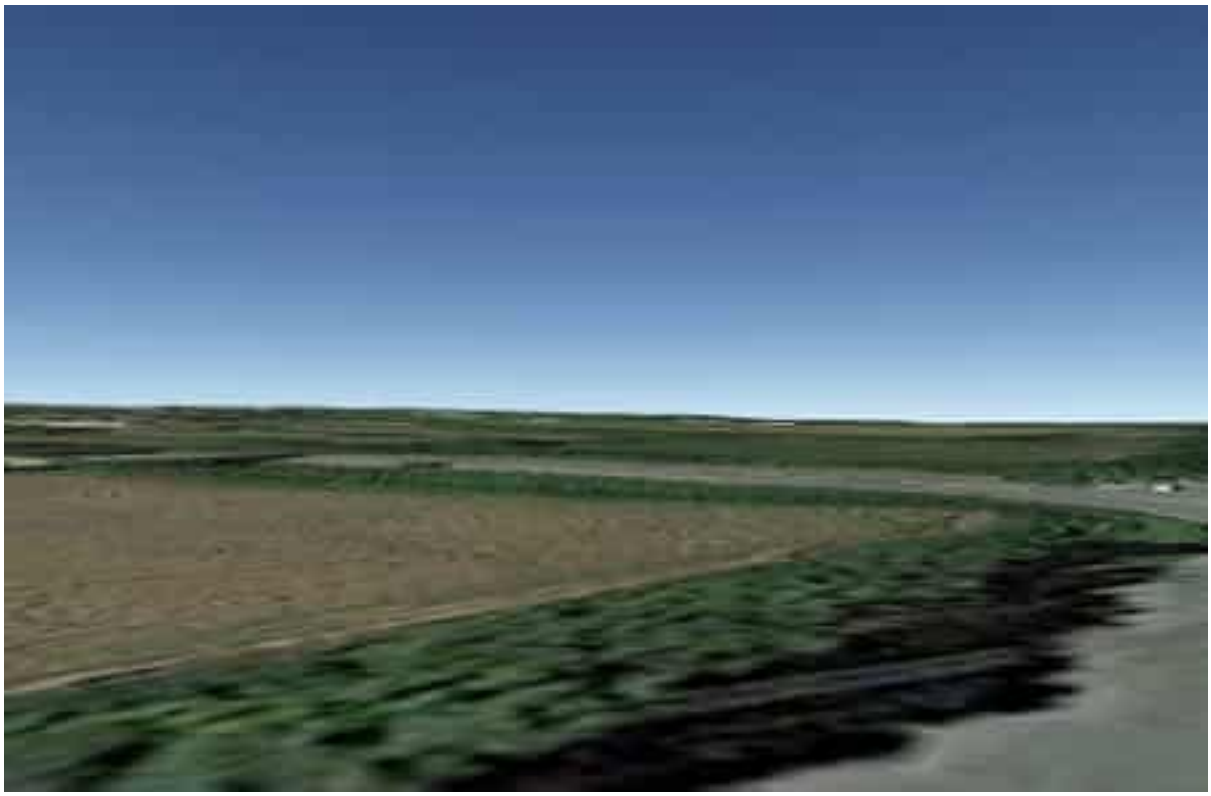
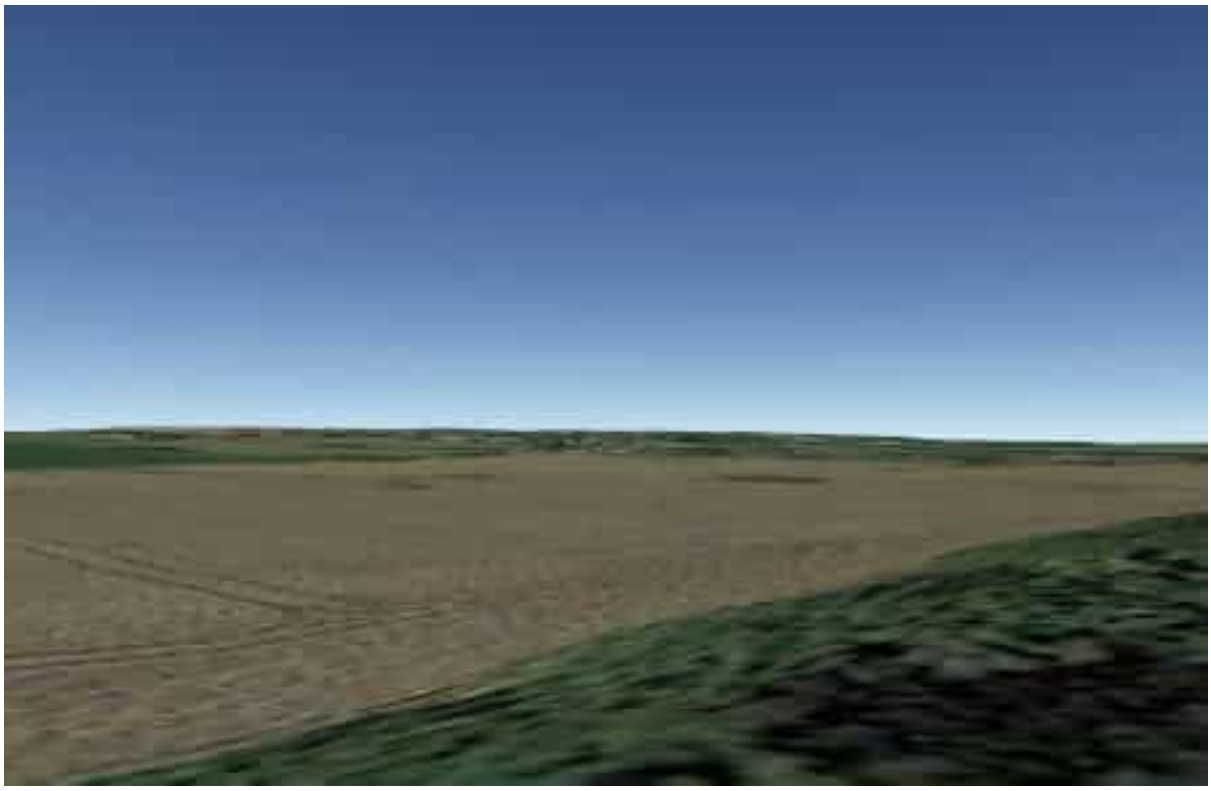


Receptor 61 (Group A Receptor 61)



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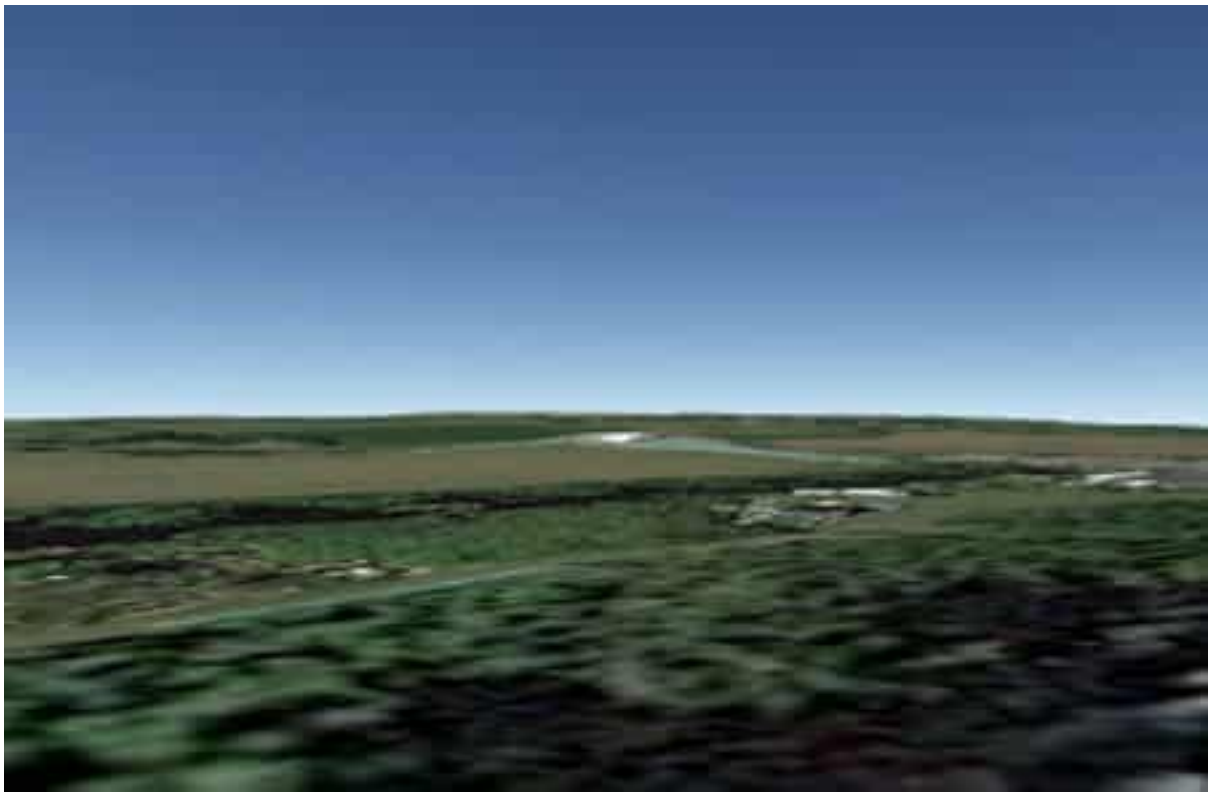

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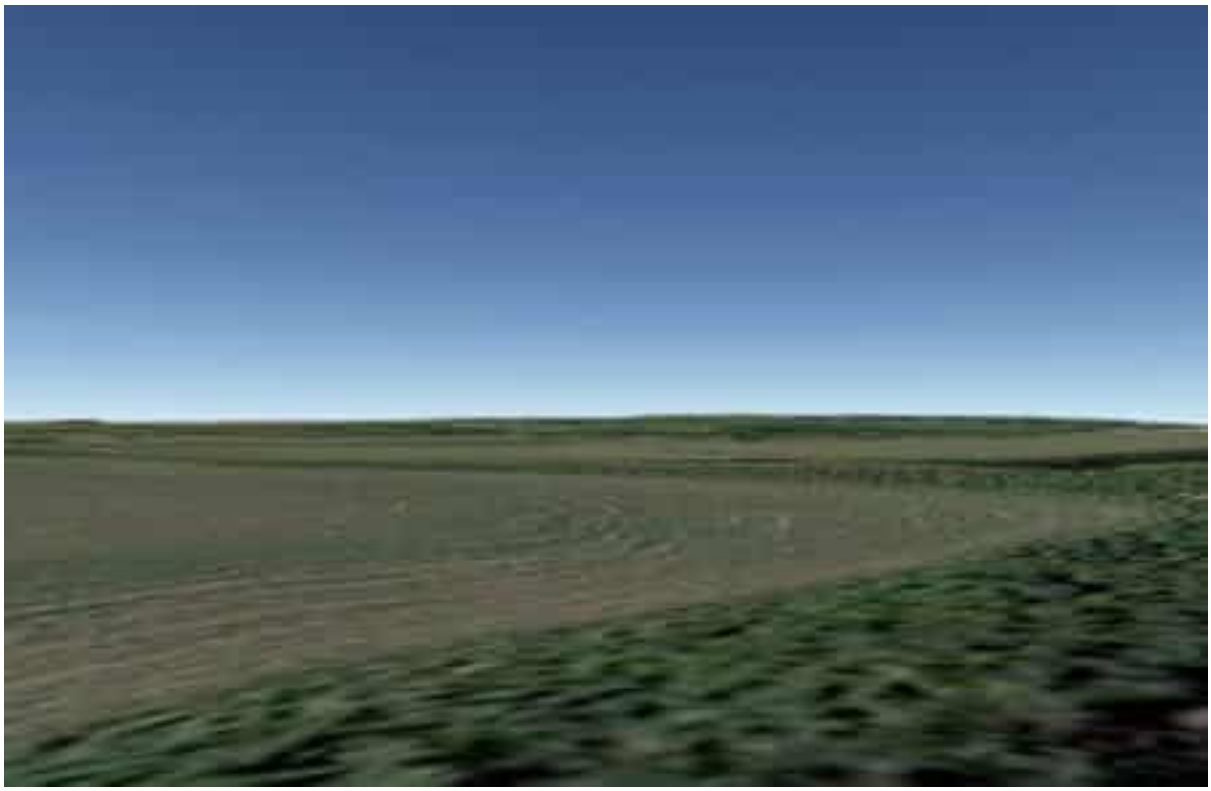

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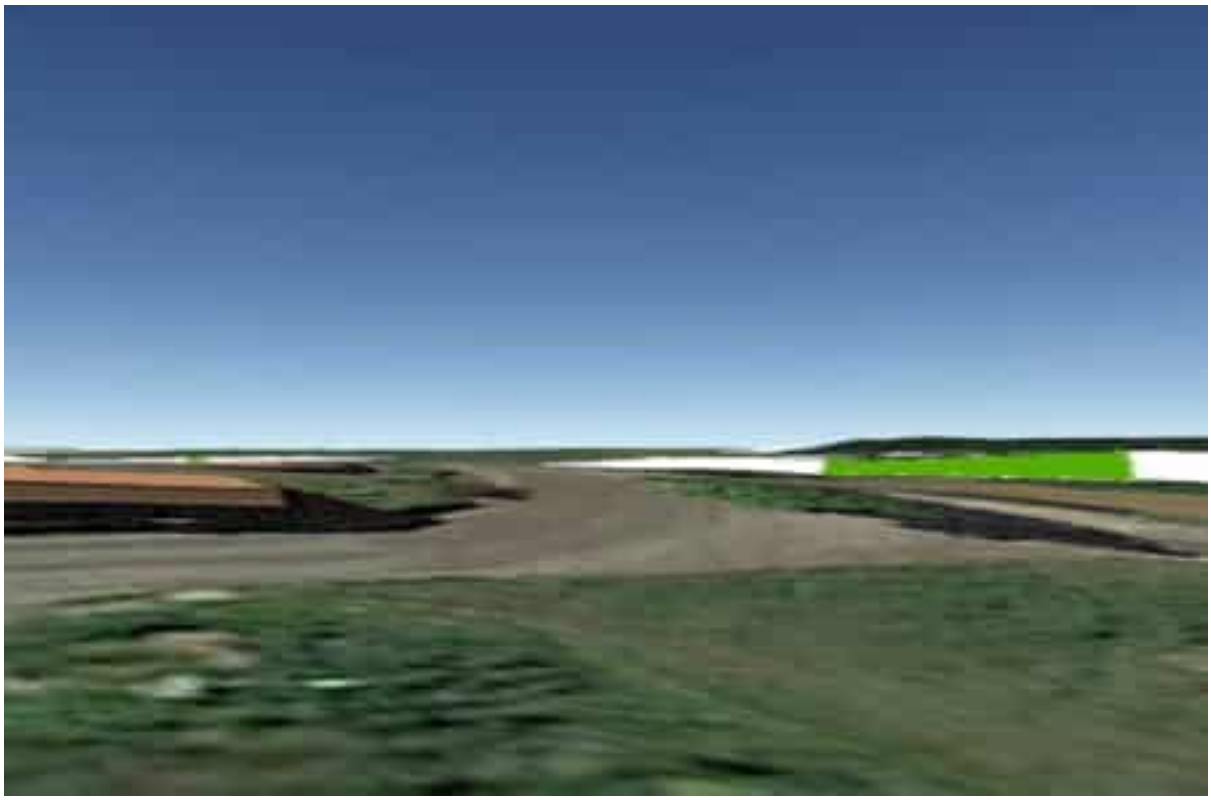

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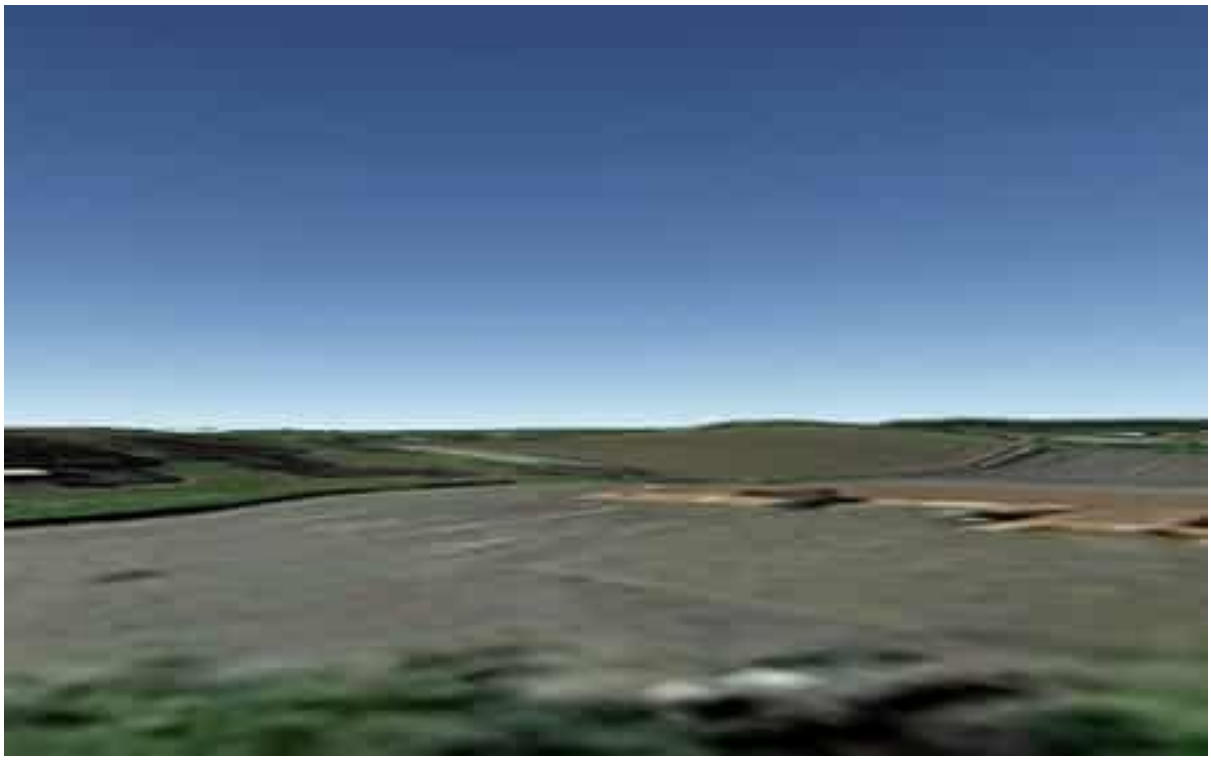

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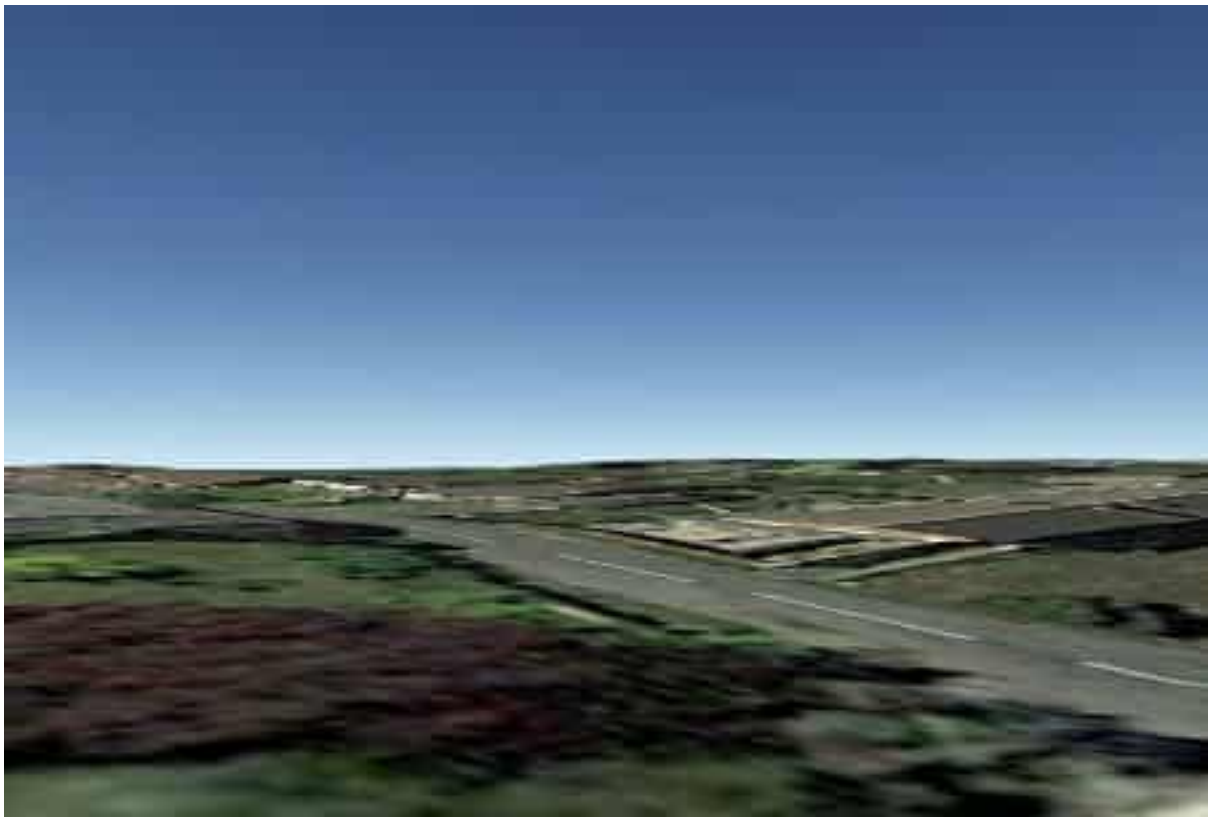

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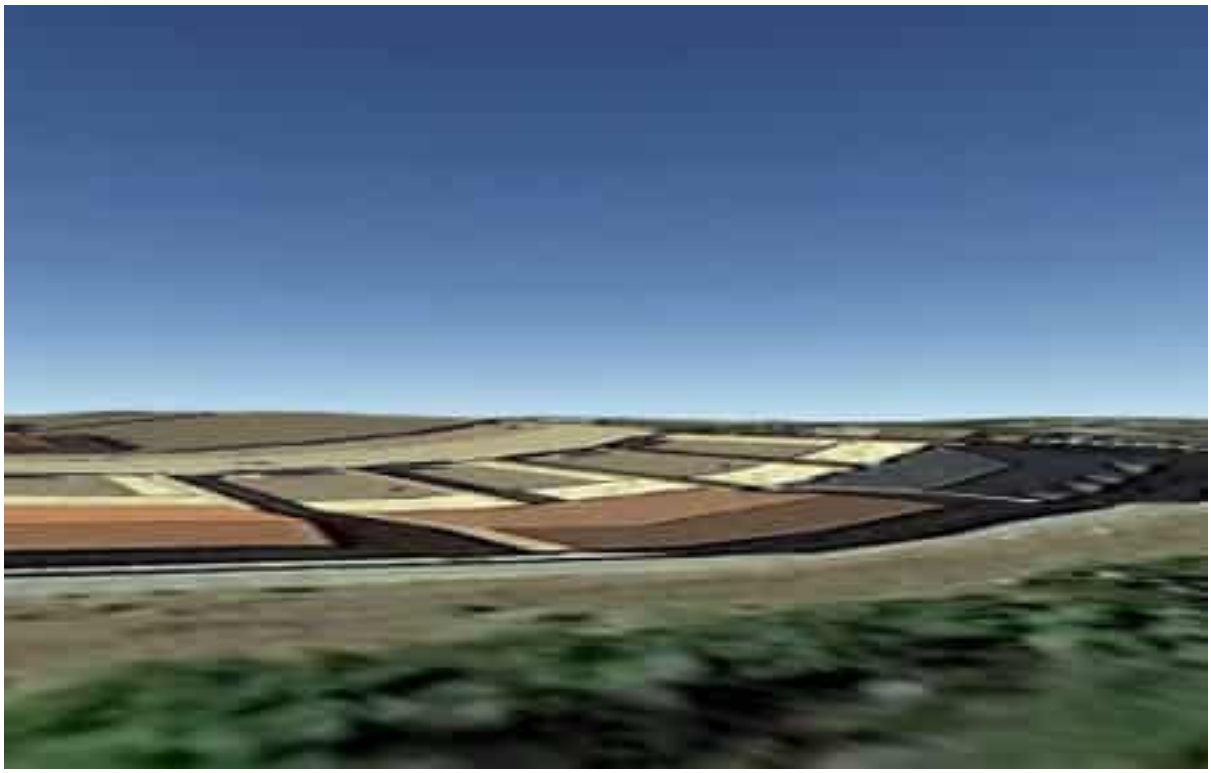

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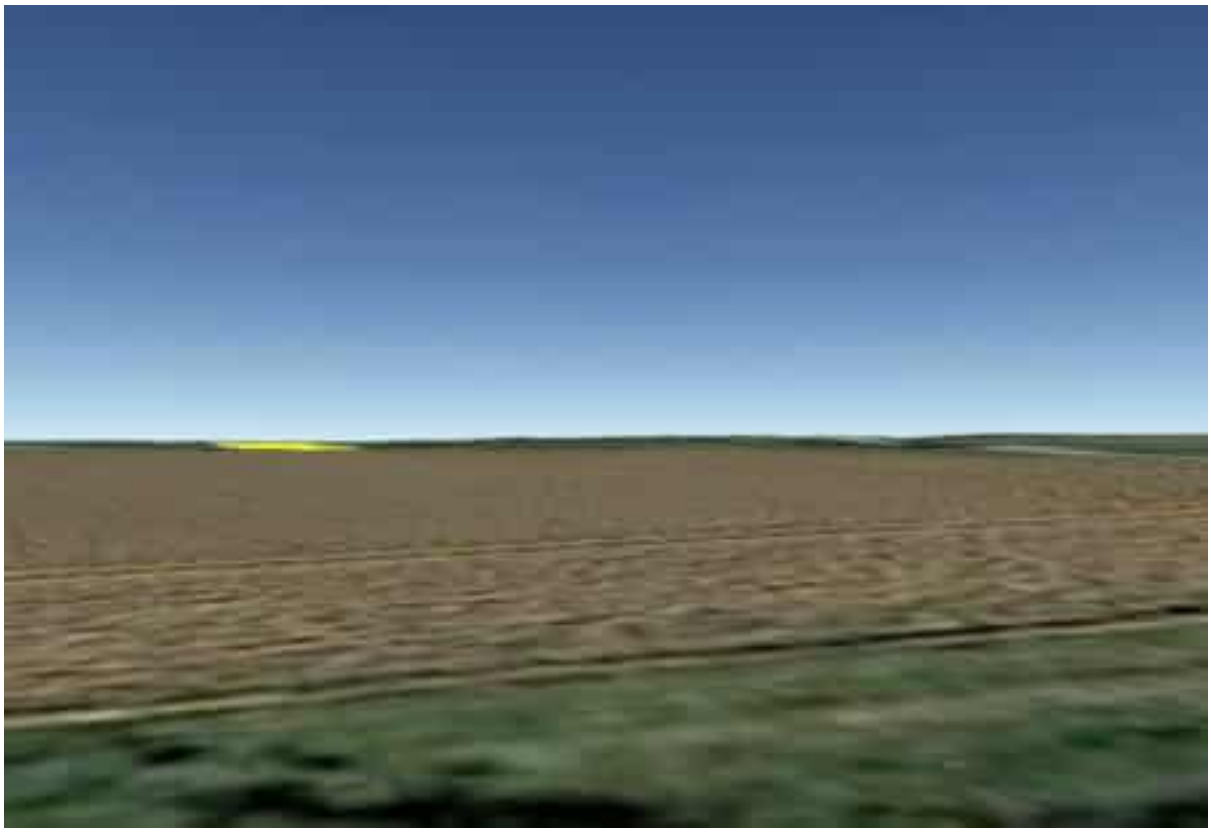

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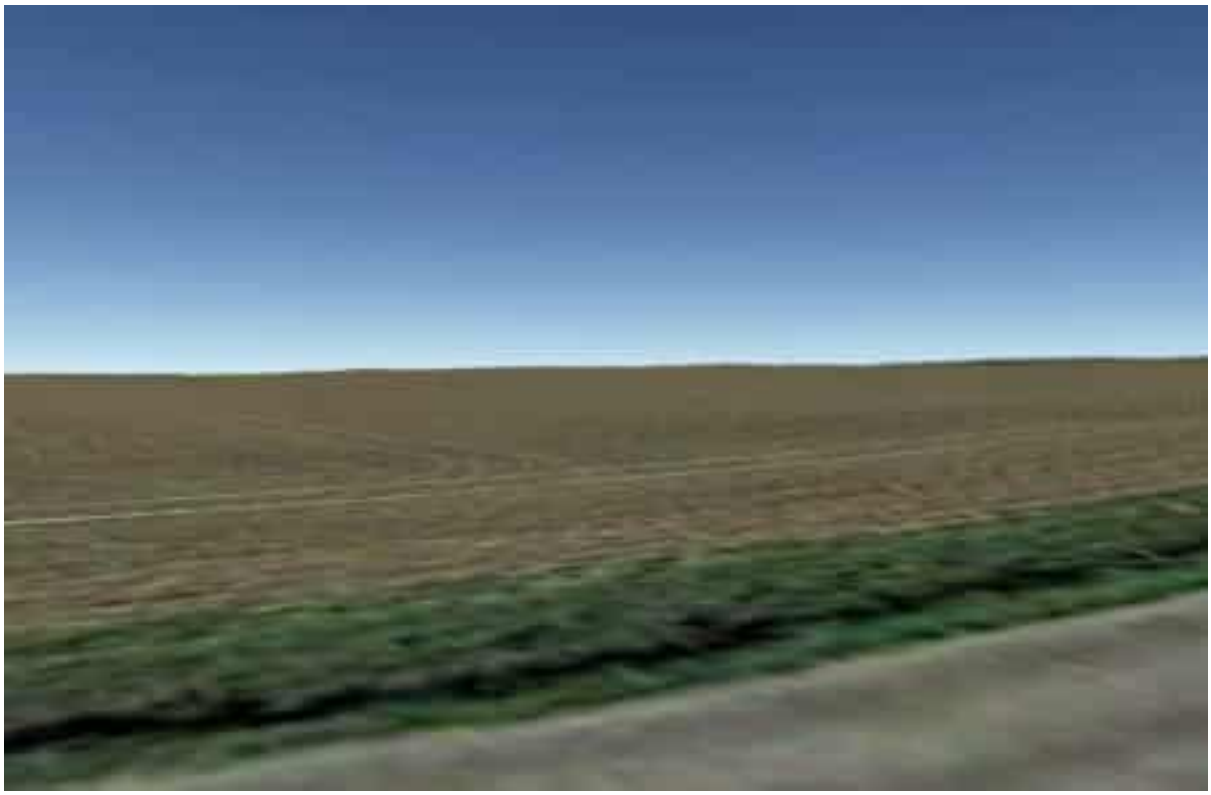
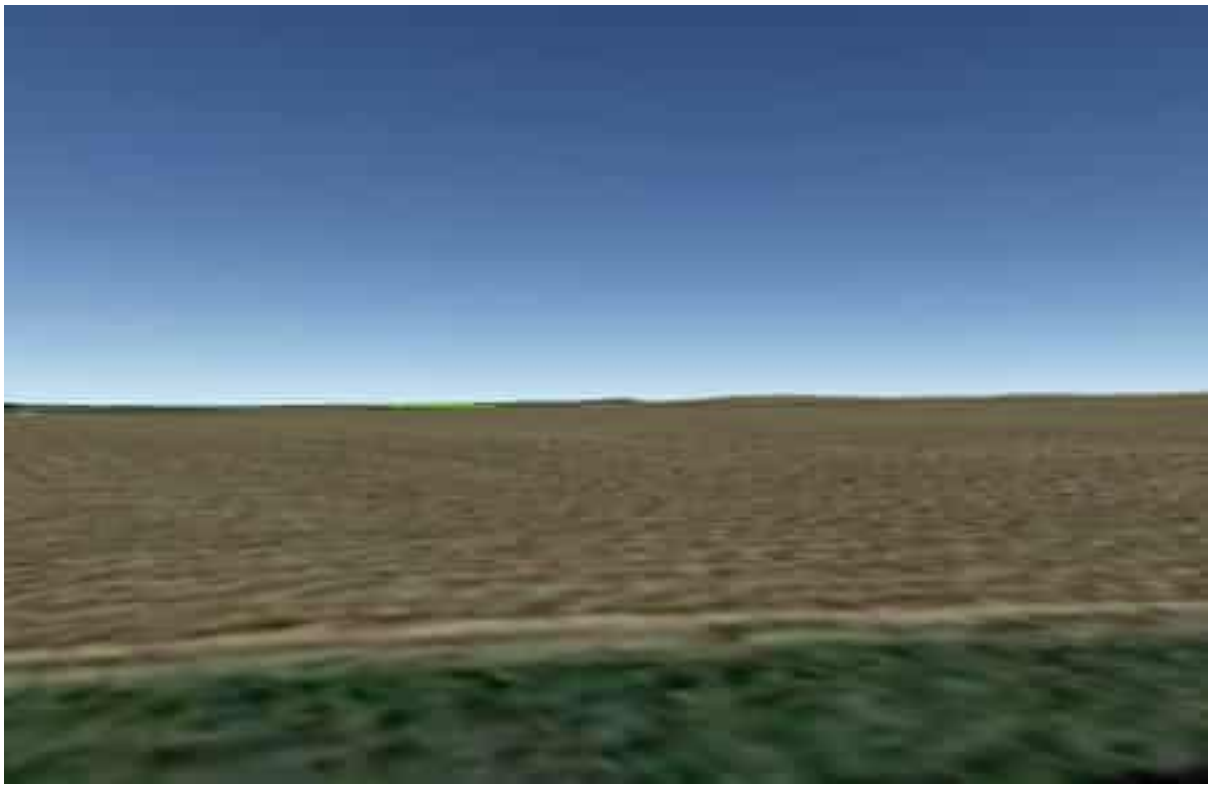
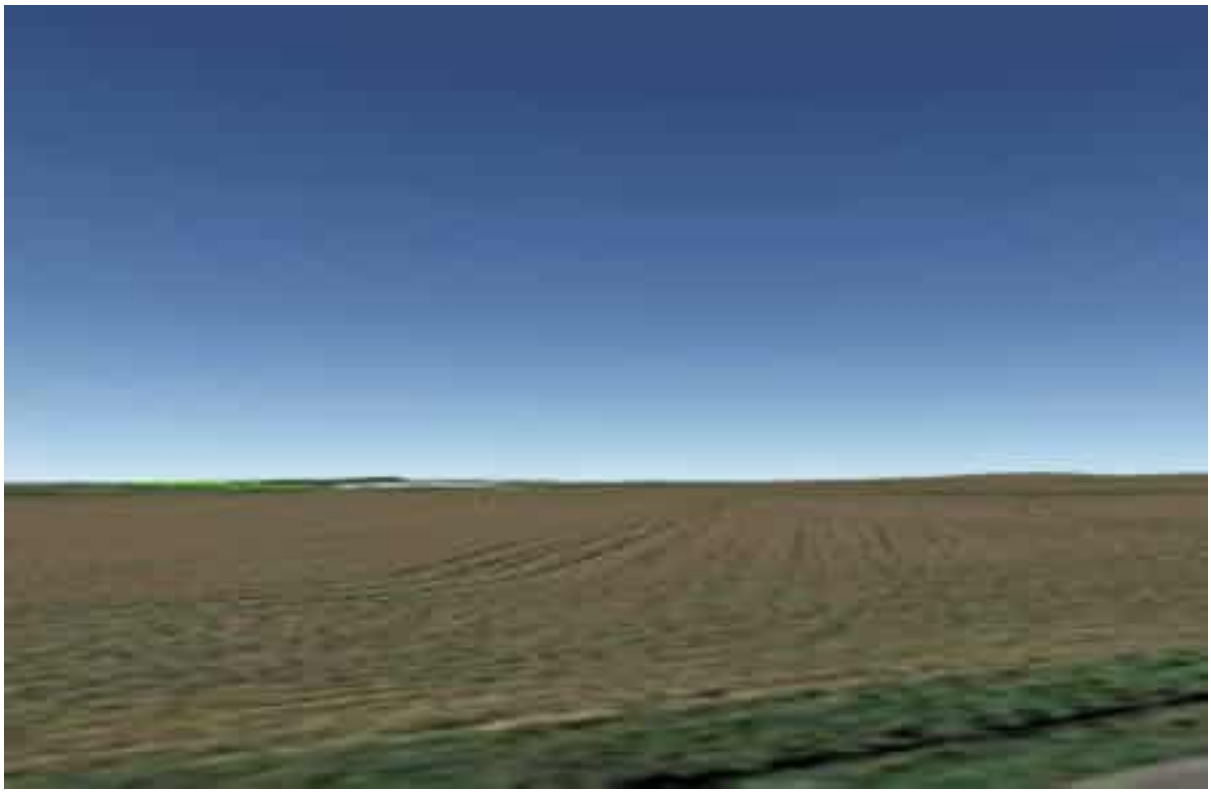


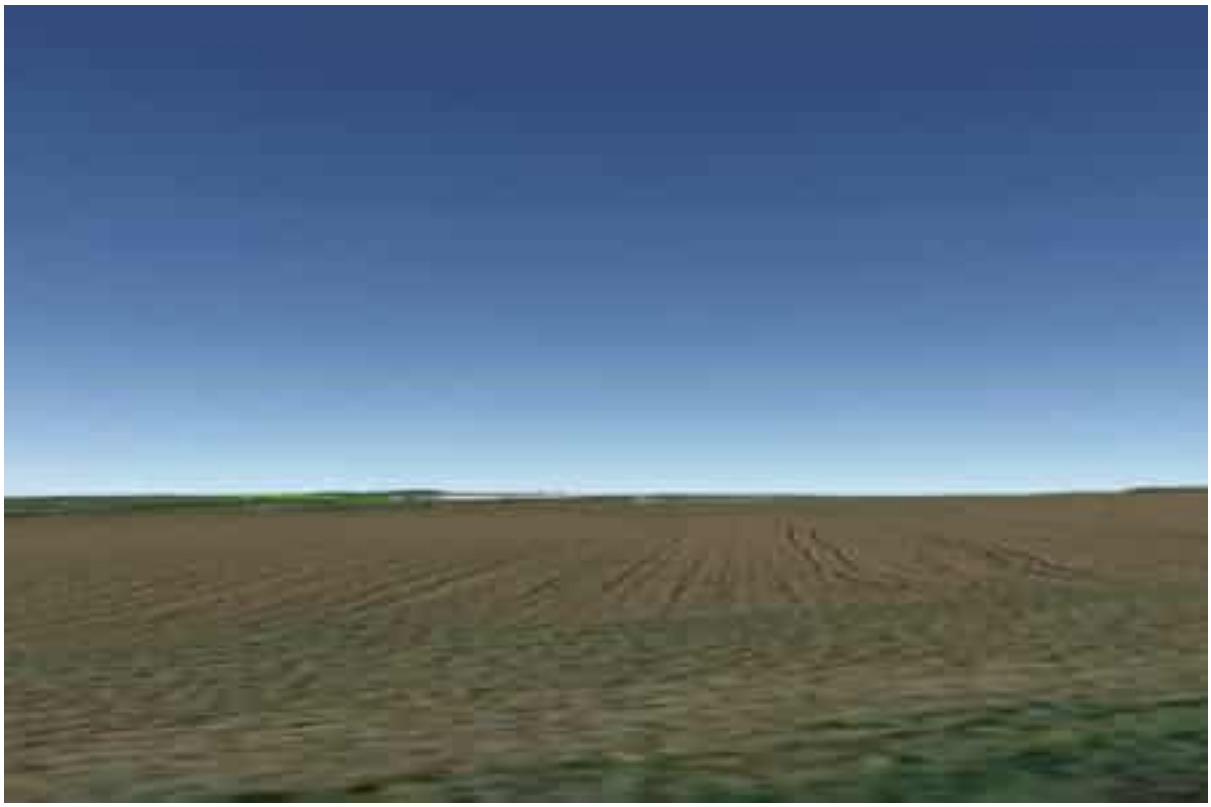
Receptor 70 (Group A Receptor 70)



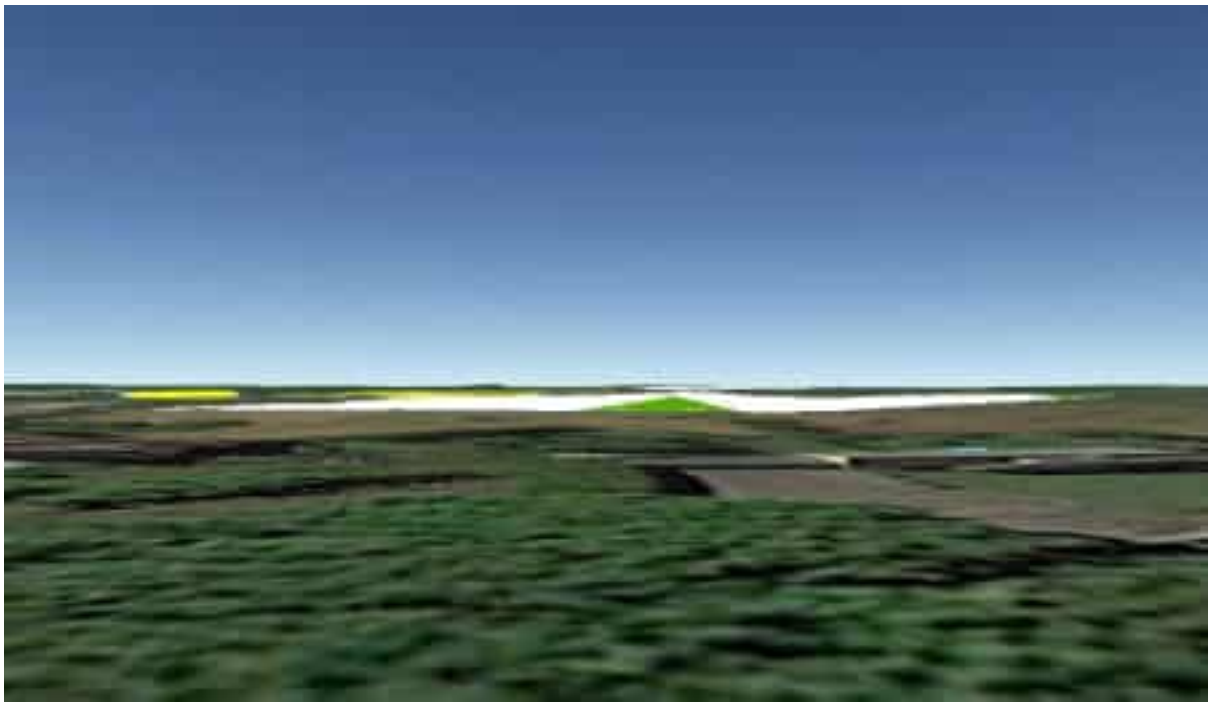
Receptor 71 (Group A Receptor 71)



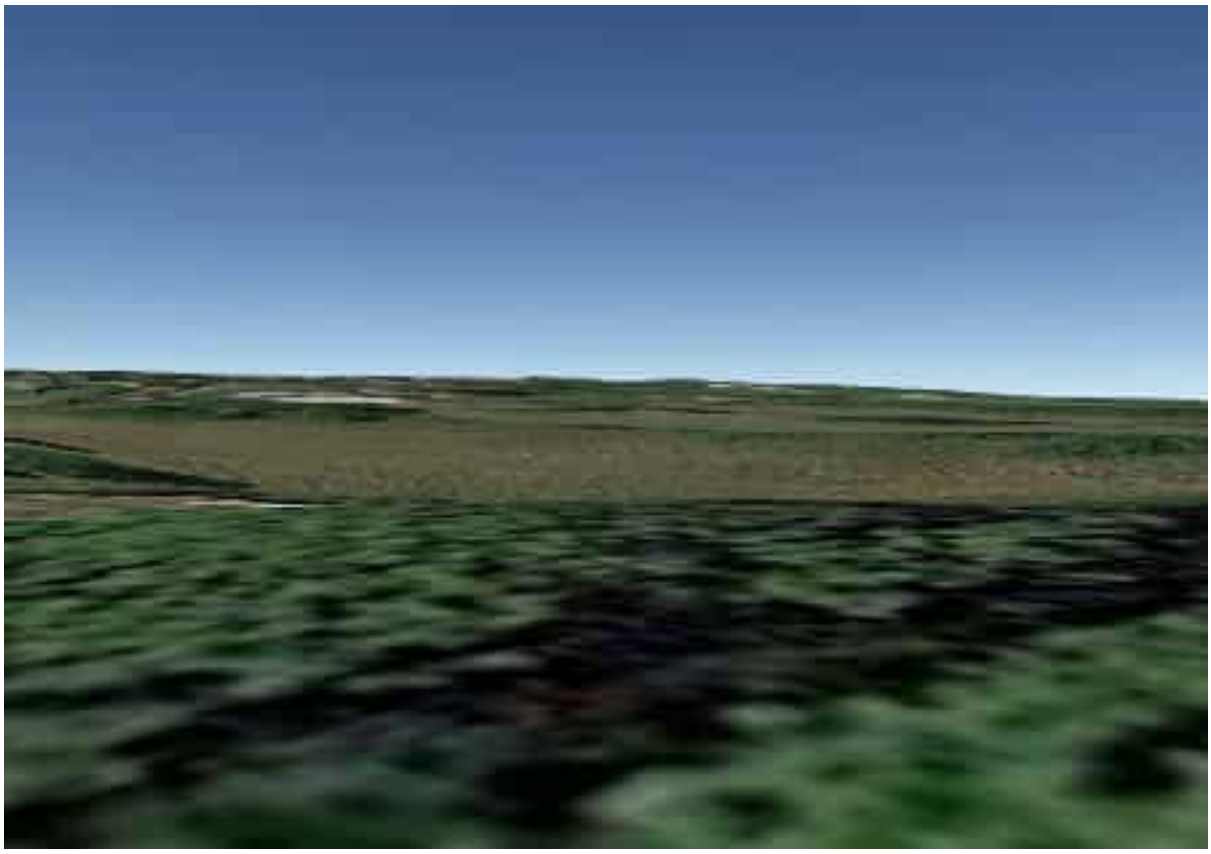
Receptor 72 (Group A Receptor 72)



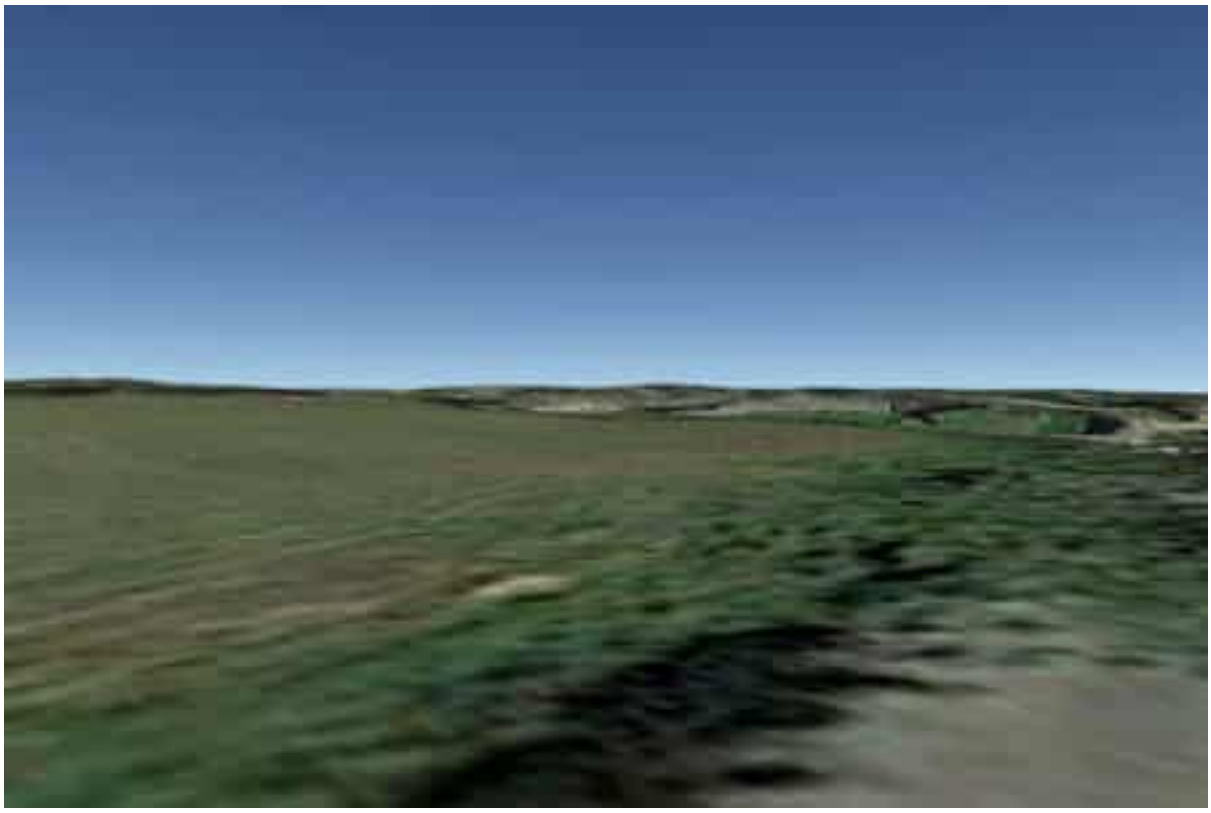
Receptor 73 (Group A Receptor 73)



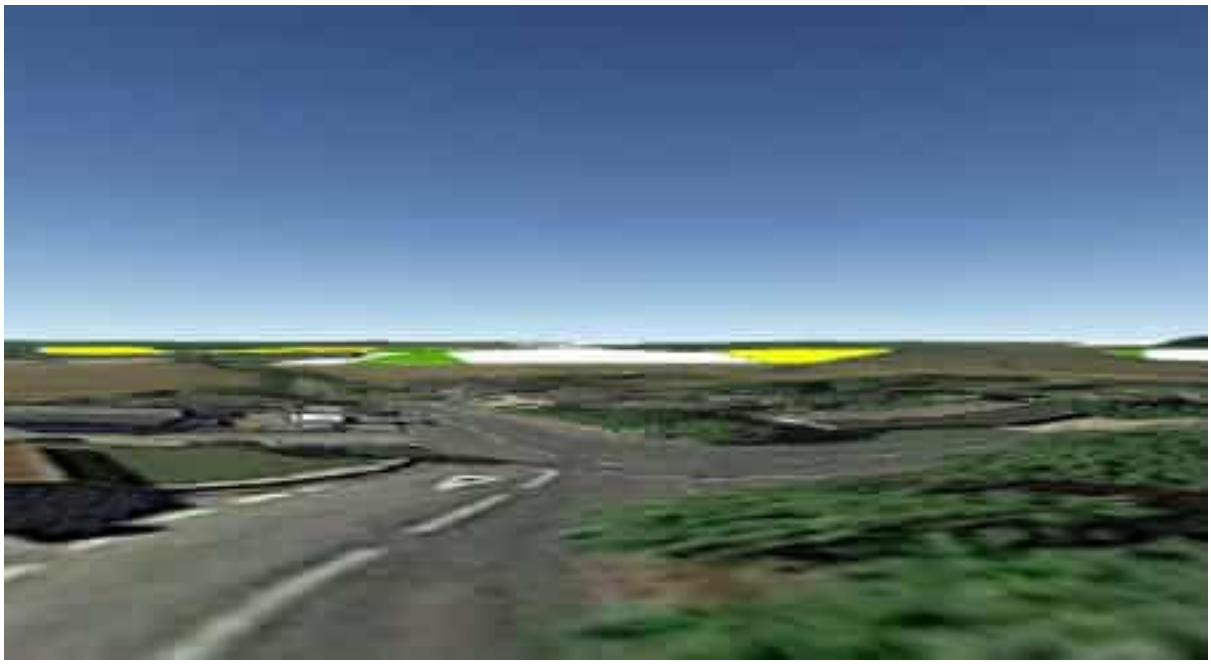
Receptor 74 (Group A Receptor 74)



Receptor 75 (Group A Receptor 75)

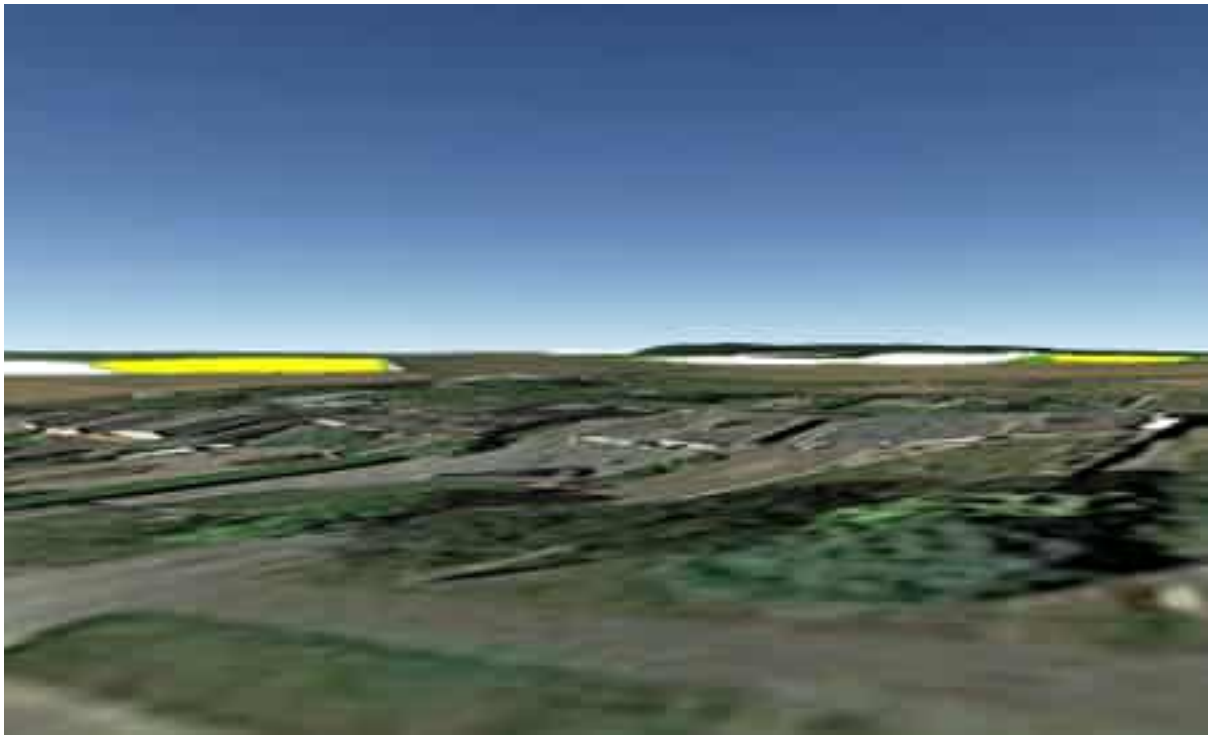


Receptor 76 (Group A Receptor 76)

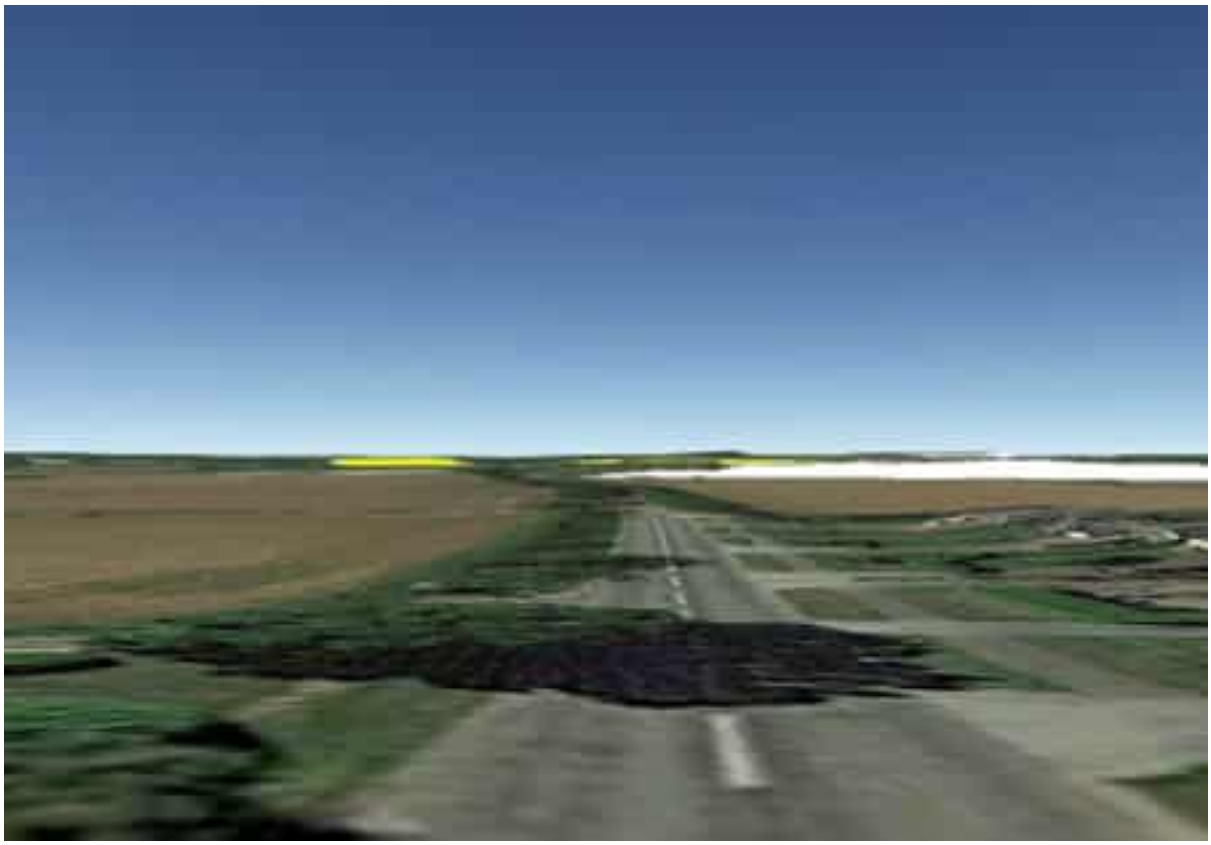


Receptor 77 (Group A Receptor 77)

Looking West

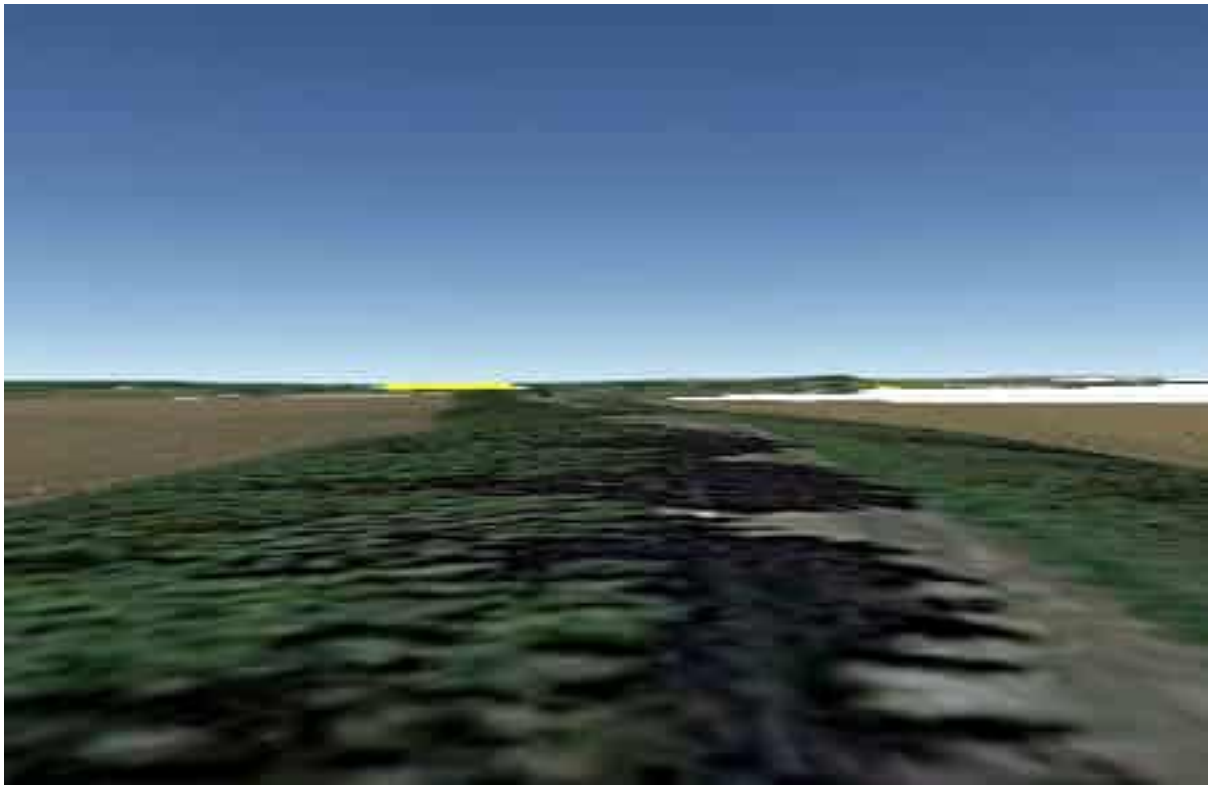


Looking South

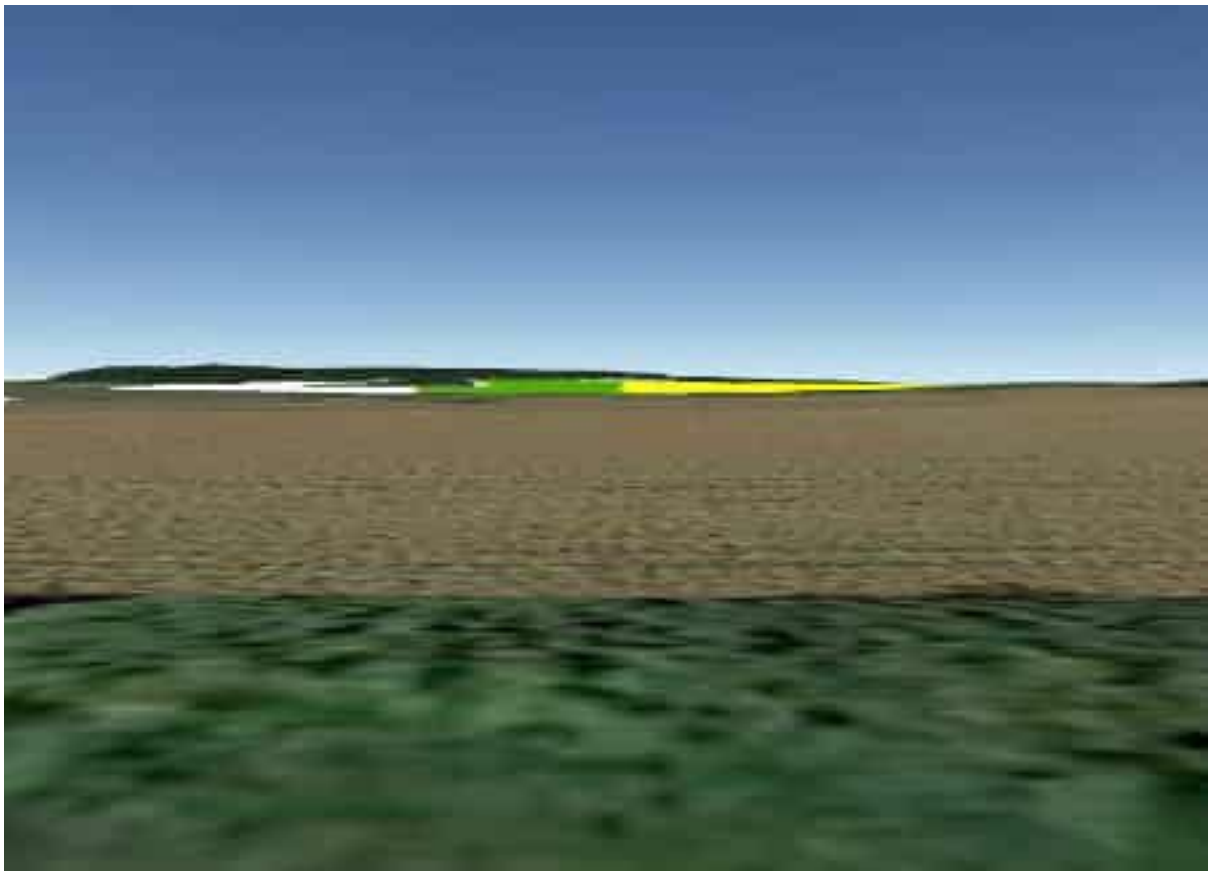


Receptor 78 (Group A Receptor 78)

Looking South

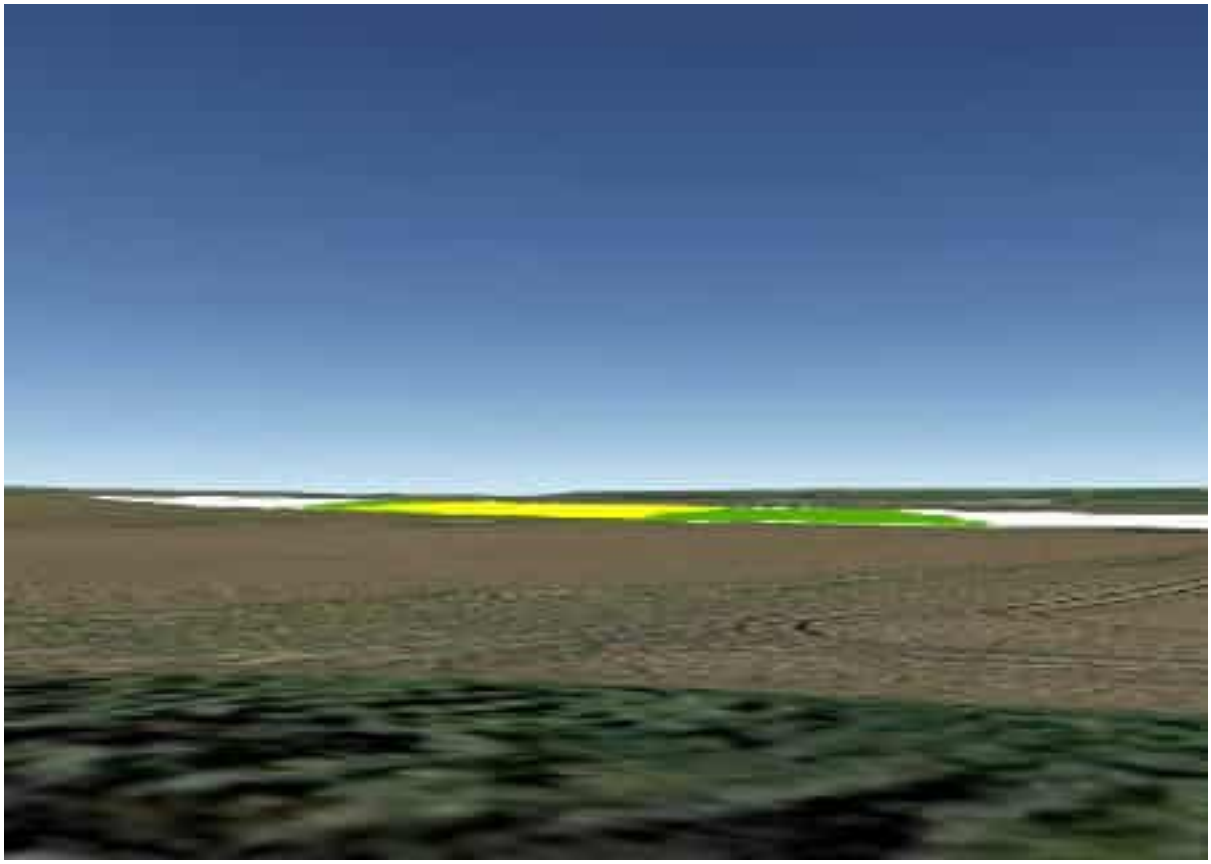


Looking West

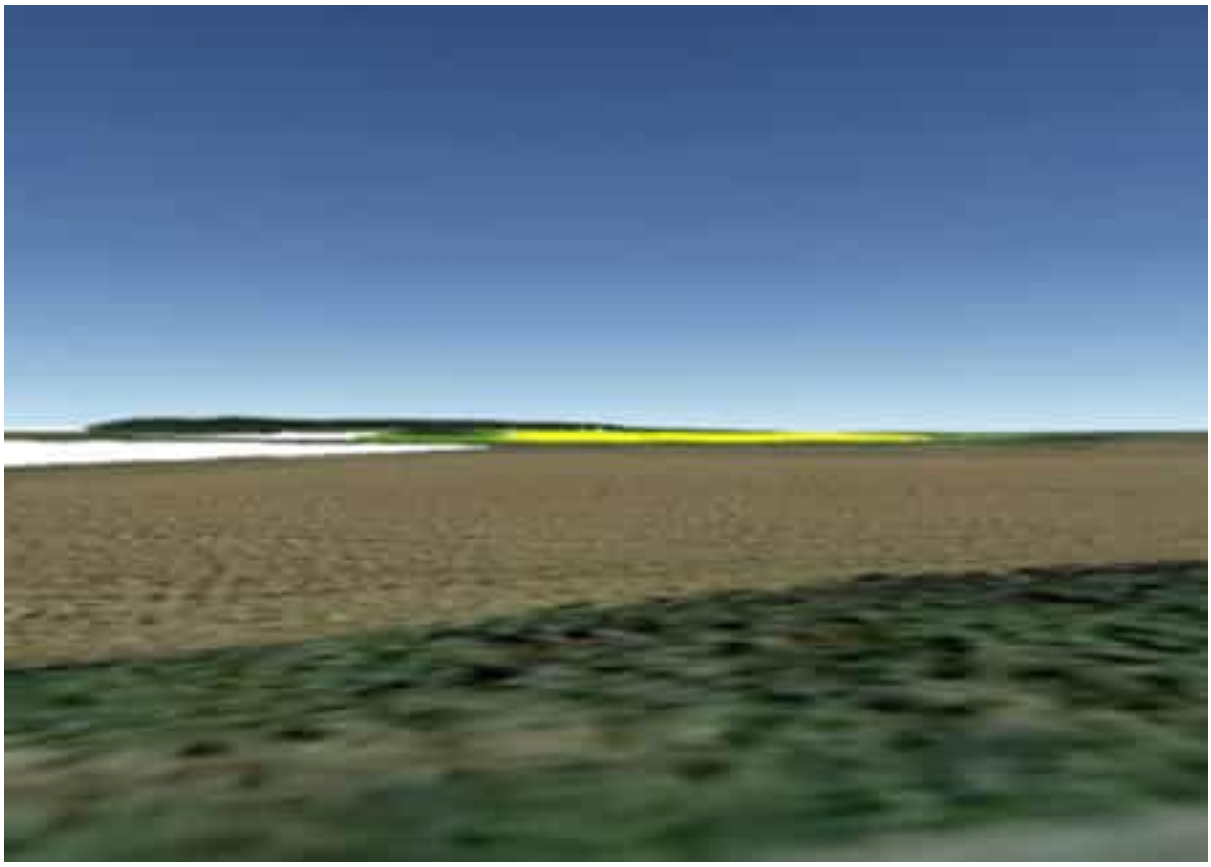


Receptor 79 (Group A Receptor 79)

Looking East



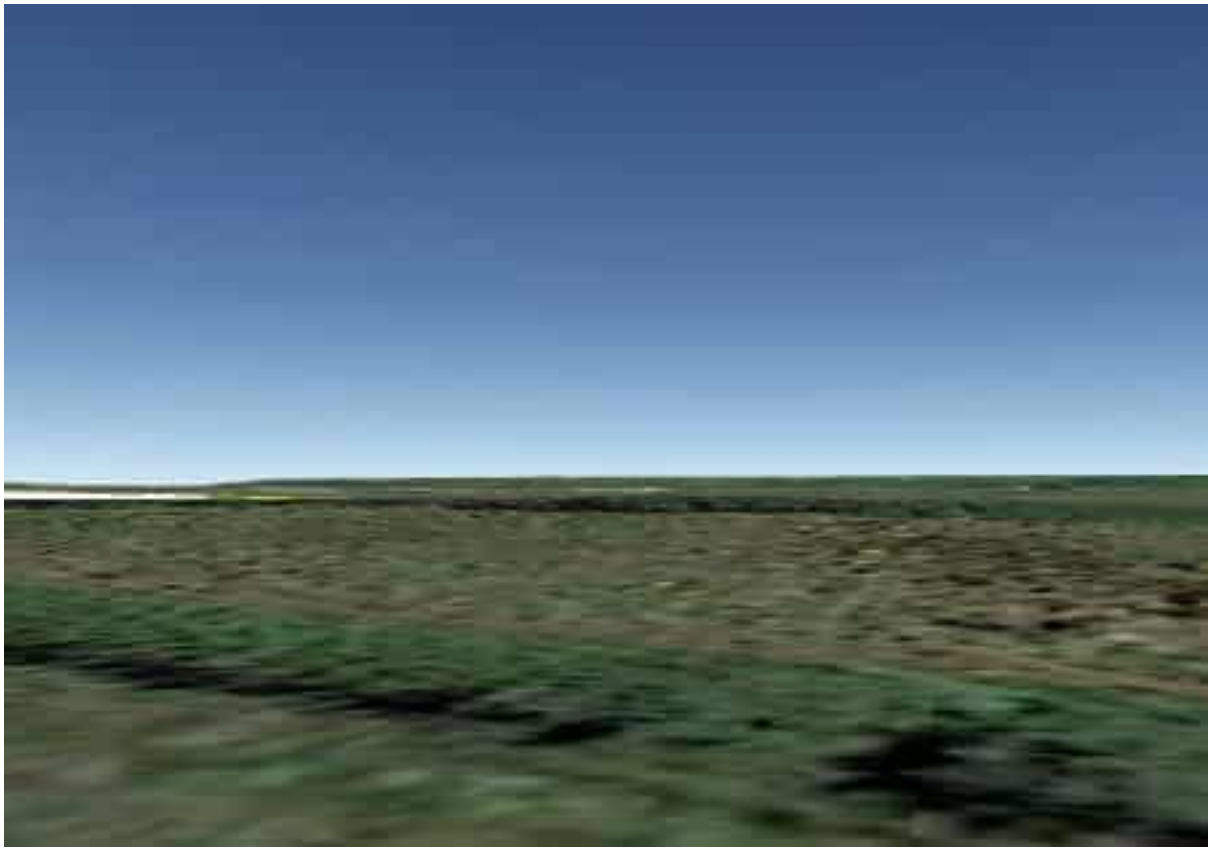
Looking West



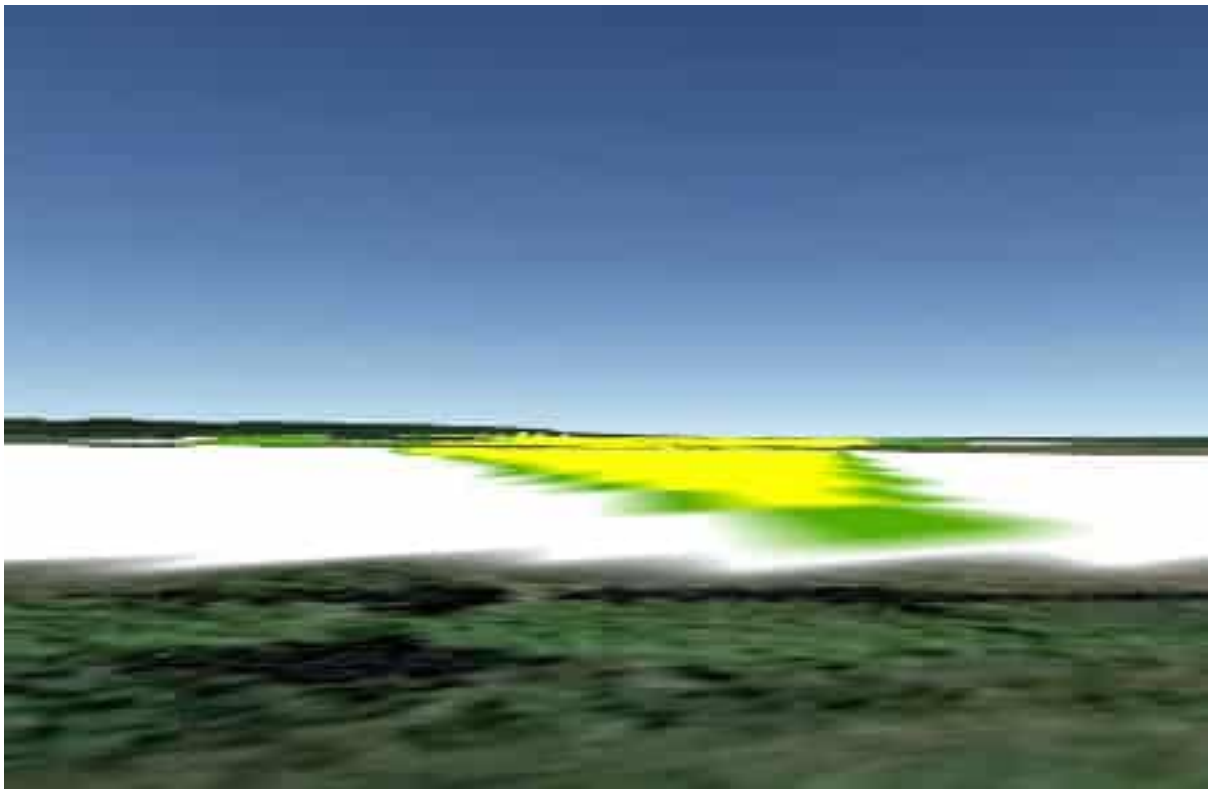
Receptor 70

Receptor 80 (Group A Receptor 80)

Looking East

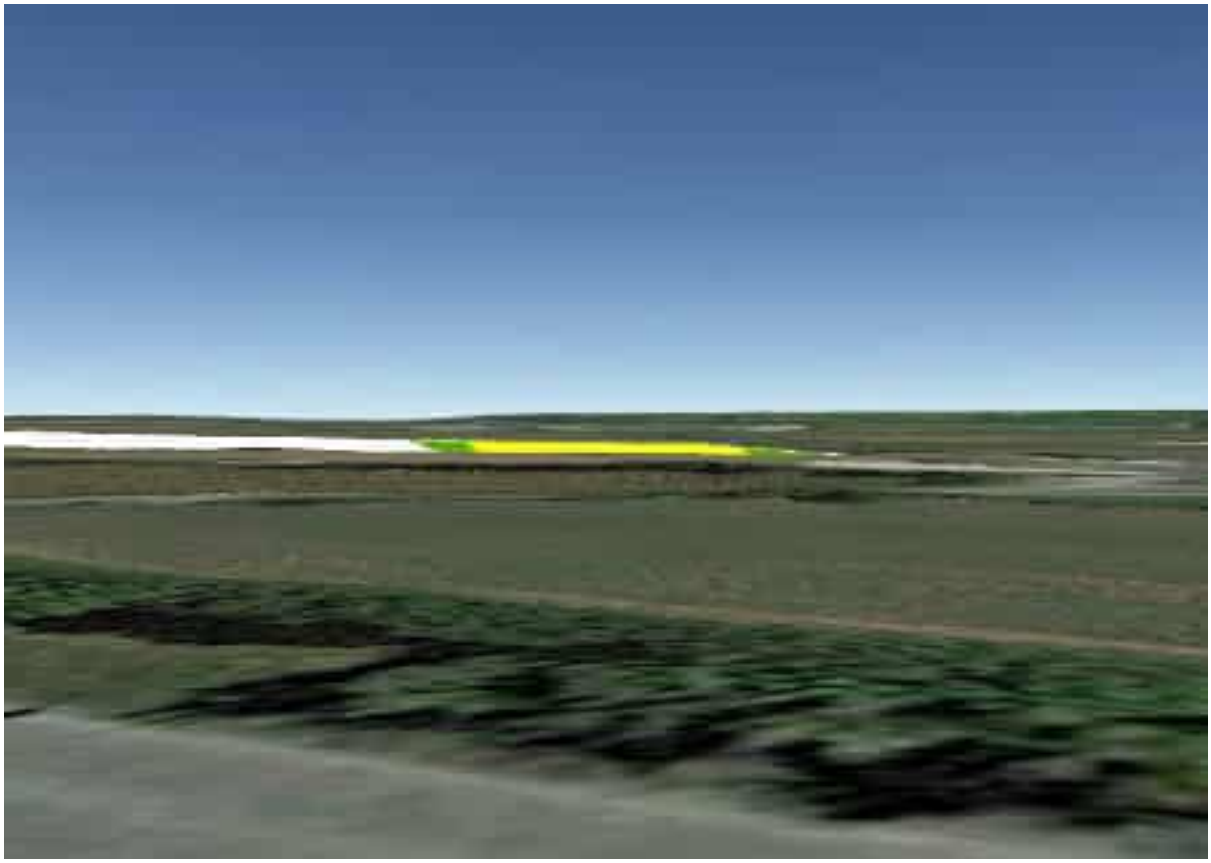


Looking West

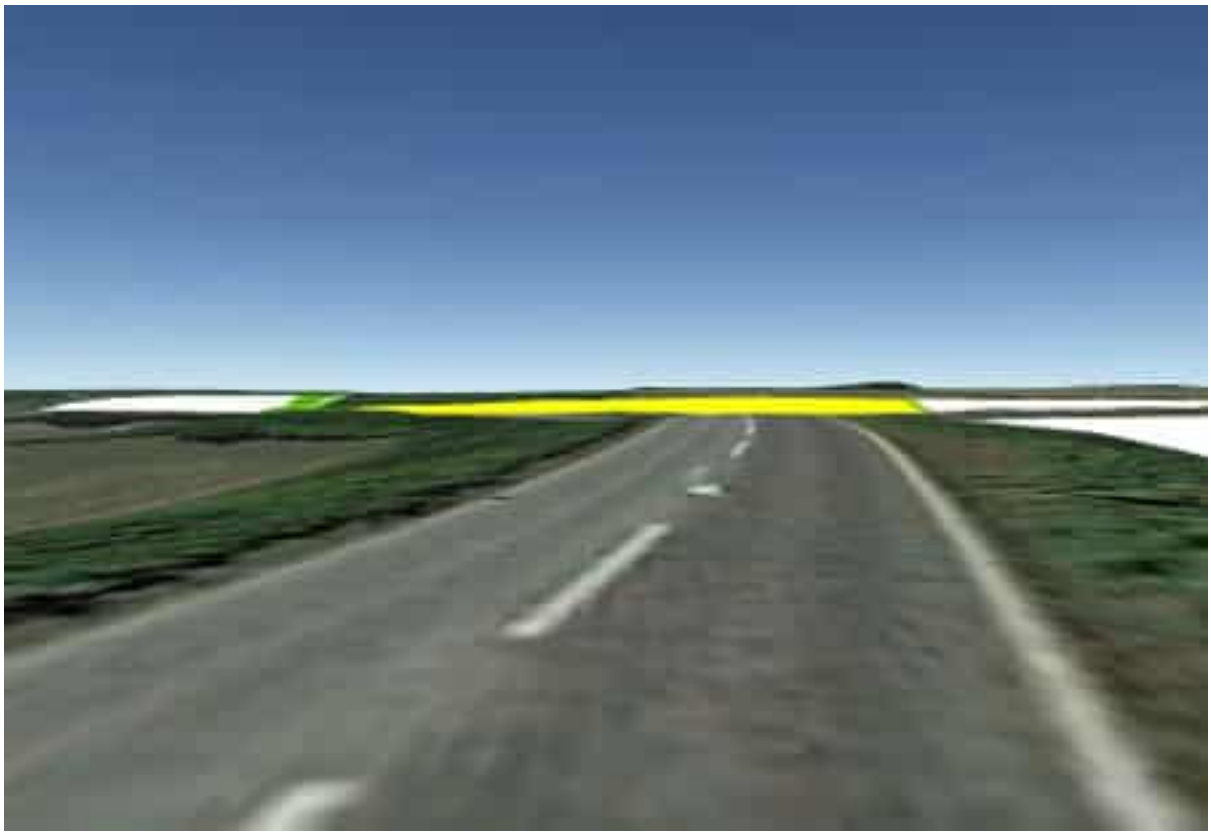


Receptor 81 (Group B Receptor 1)

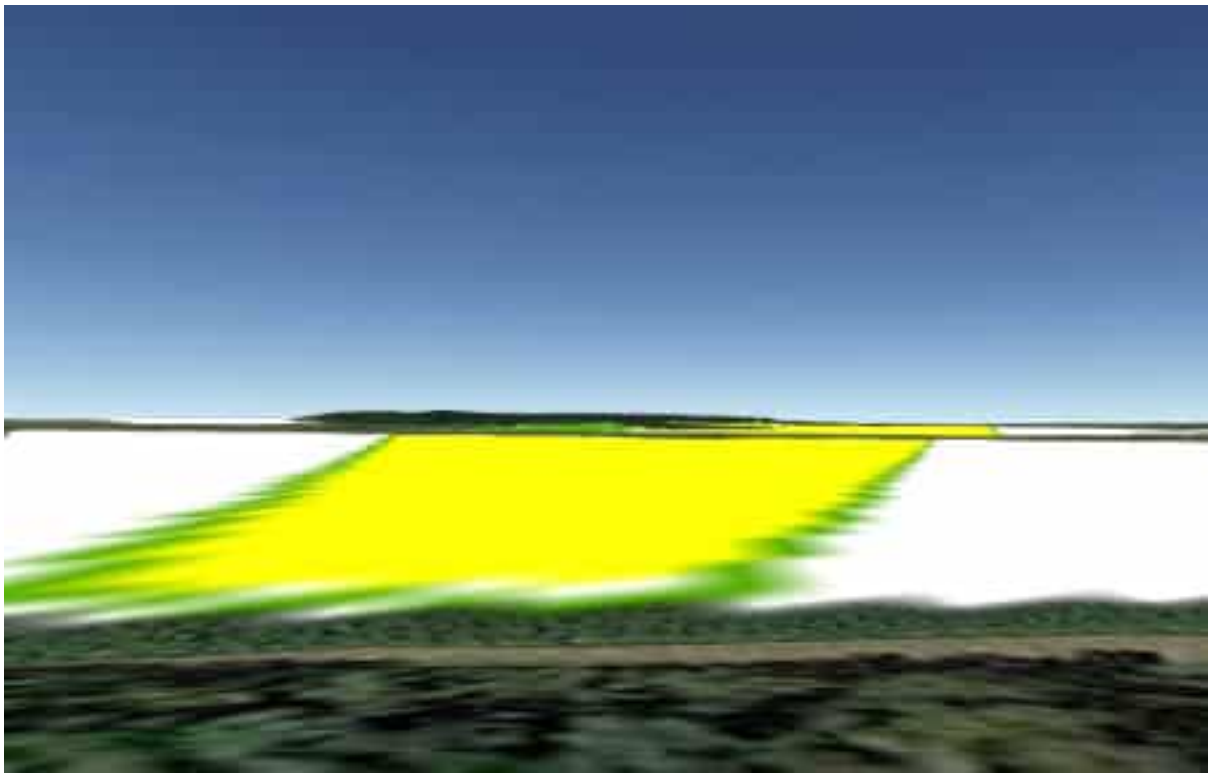
Looking East



Looking South

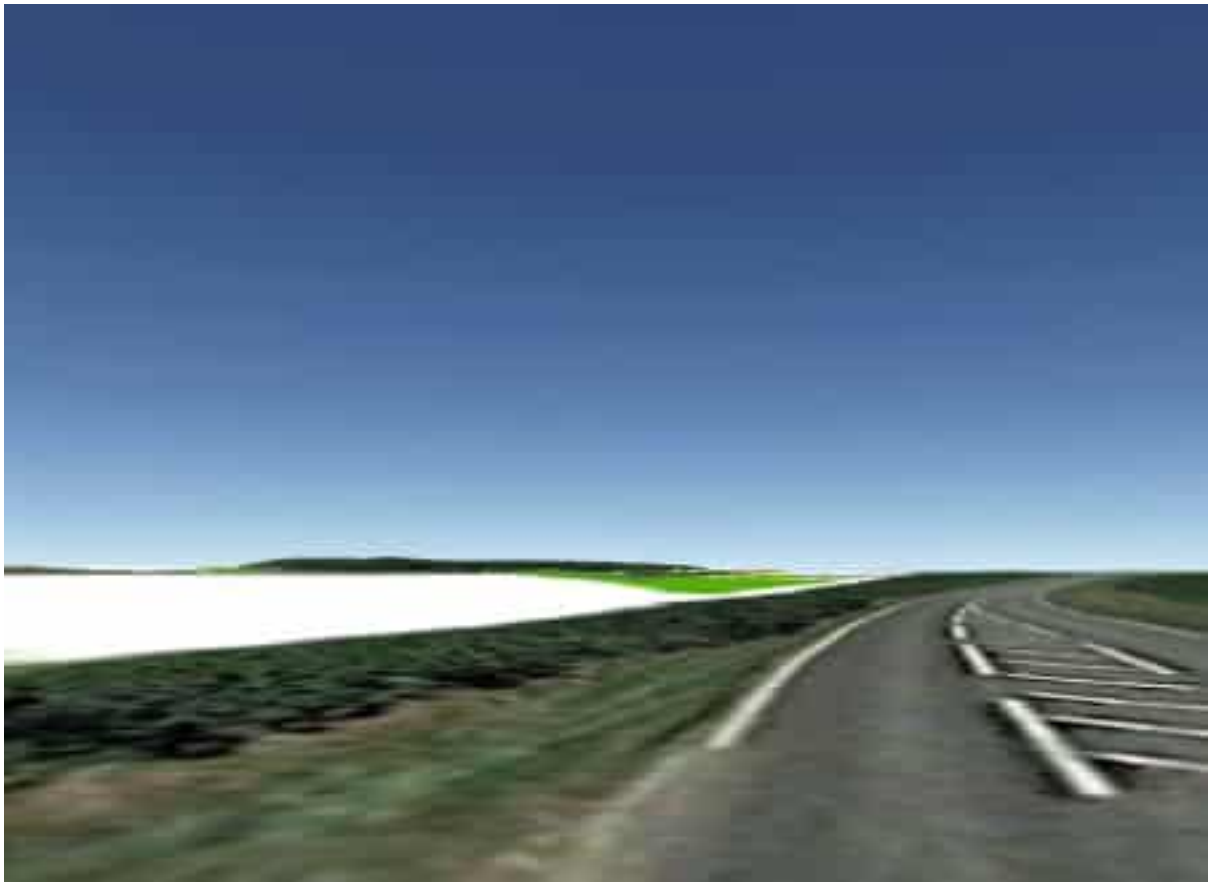


Looking West

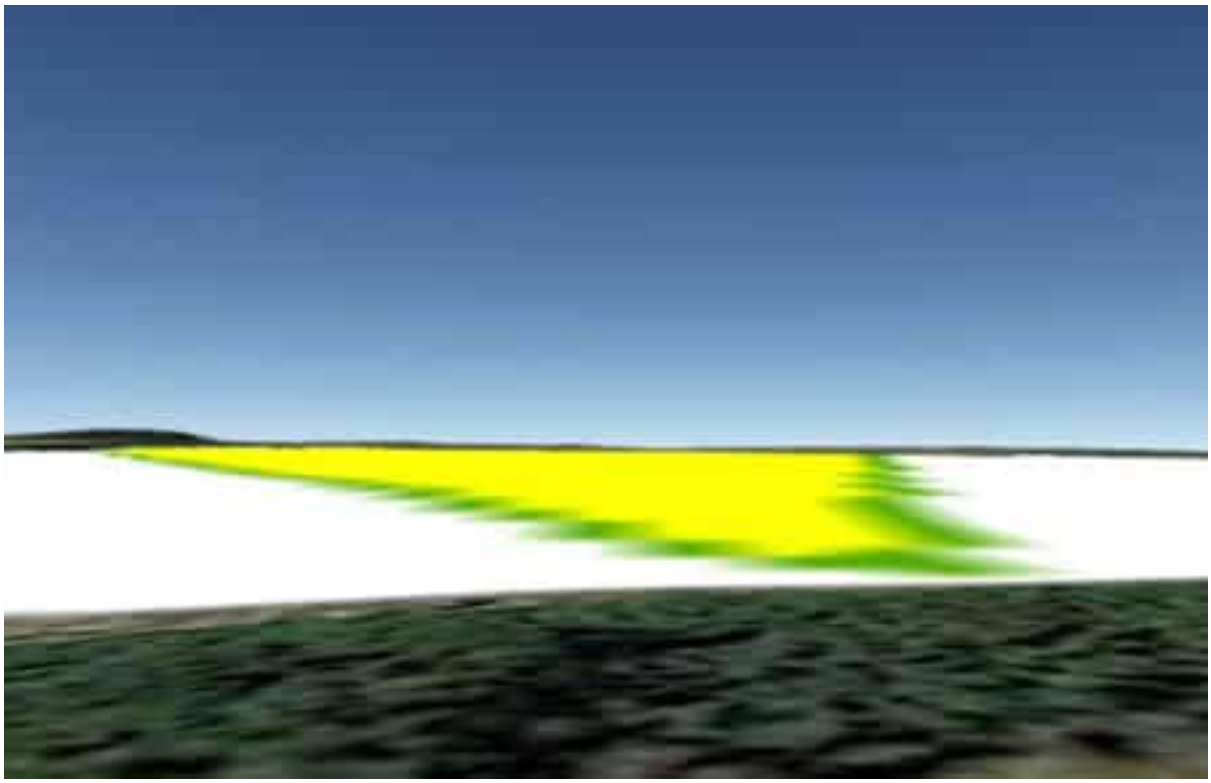


Receptor 82 (Group B Receptor 2)

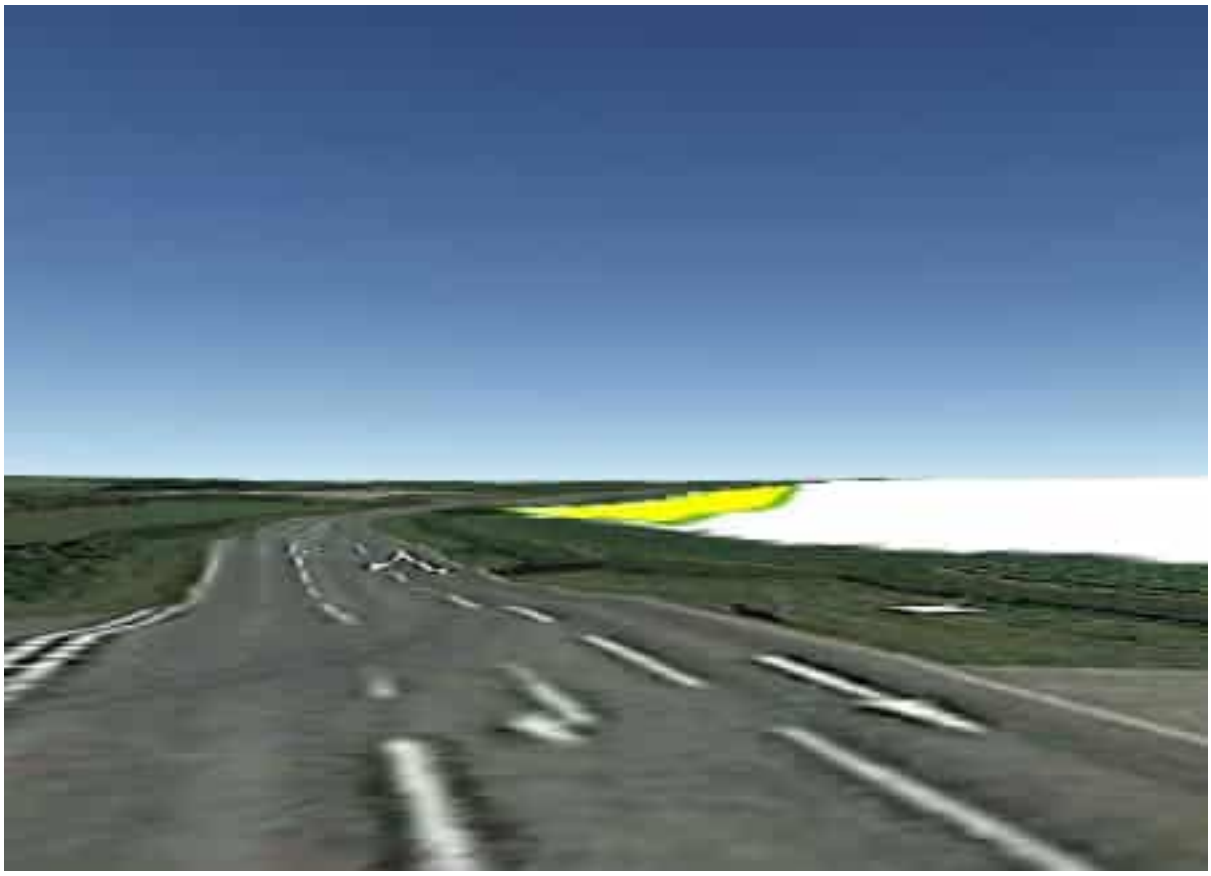
Looking Northwest



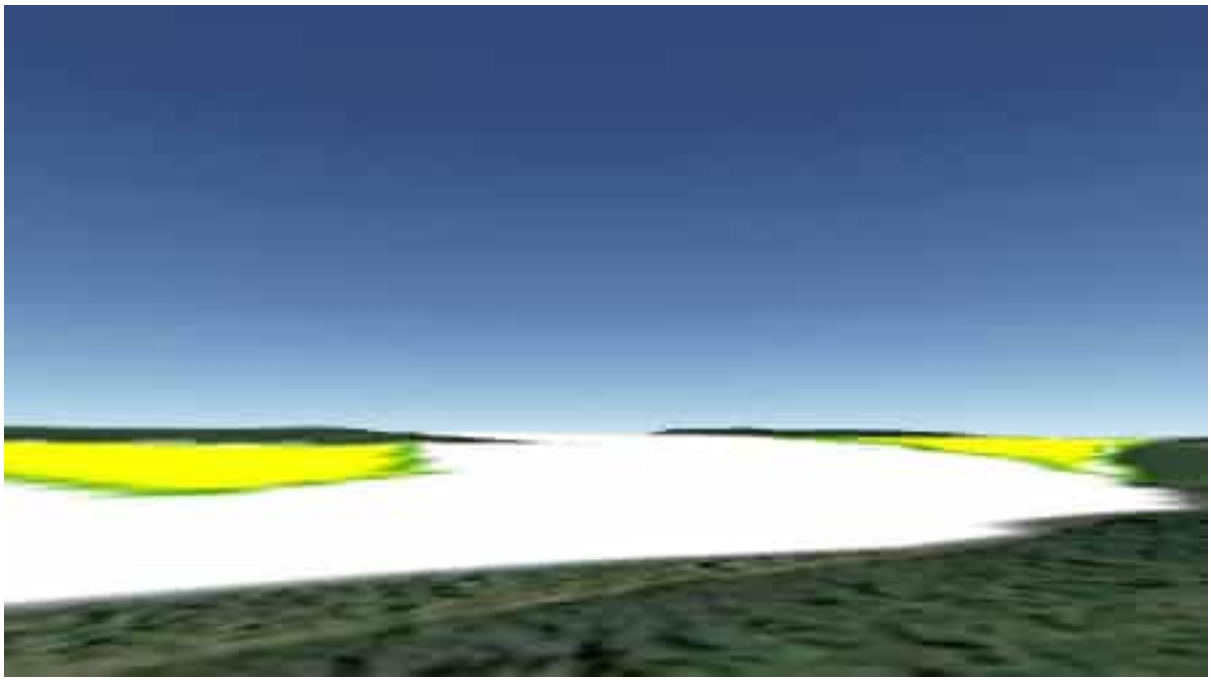
Looking Southwest



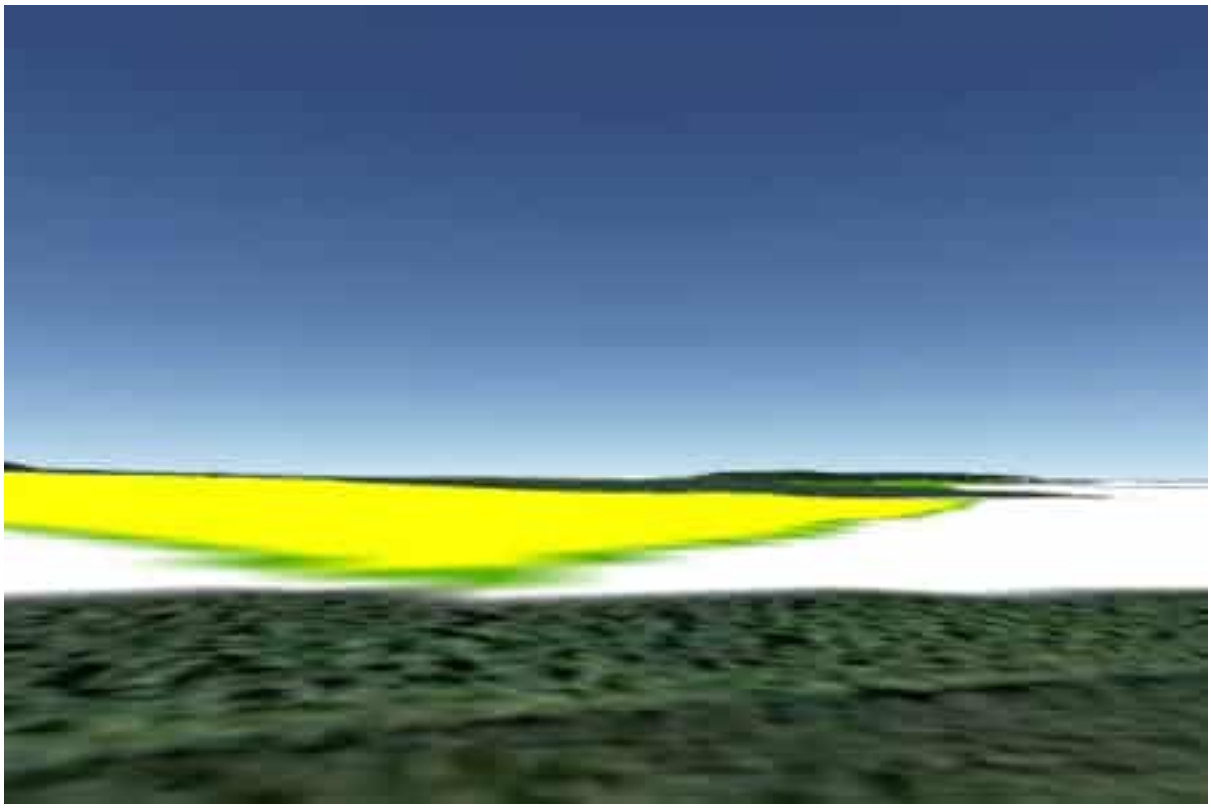
Looking South



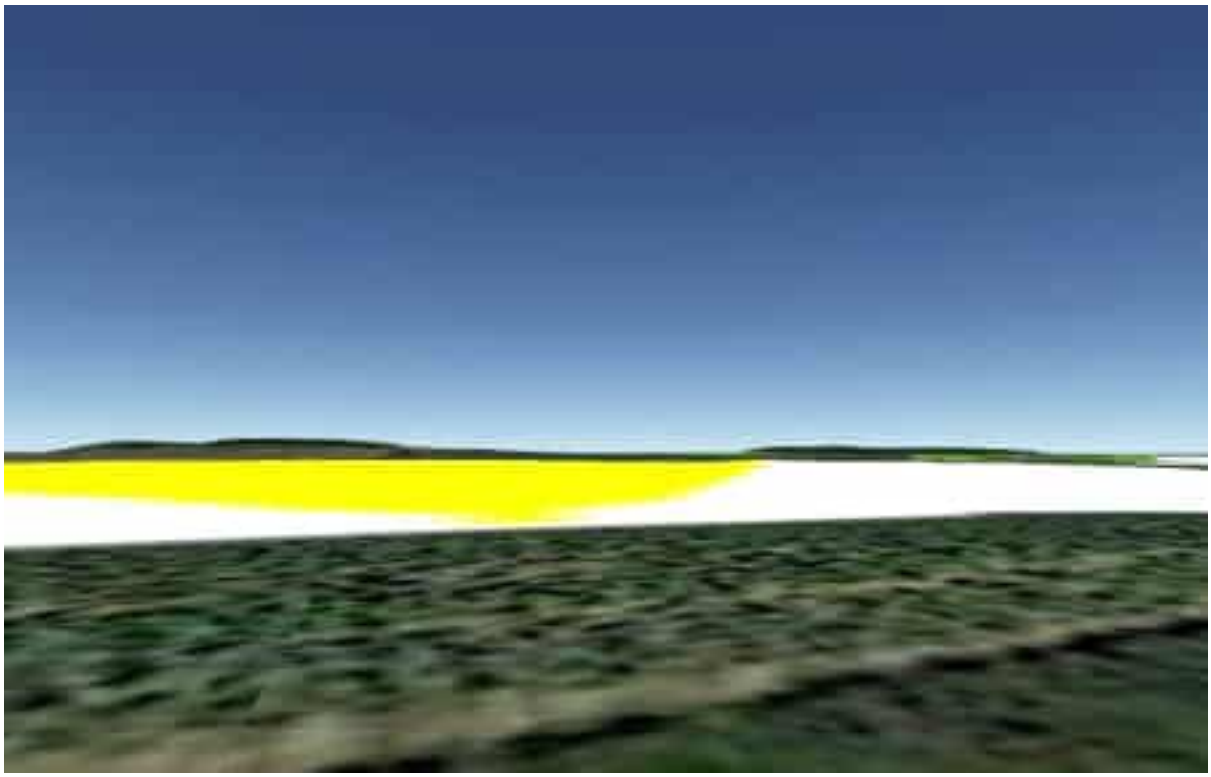
Receptor 83 (Group B Receptor 3)



Receptor 84 (Group B Receptor 4)

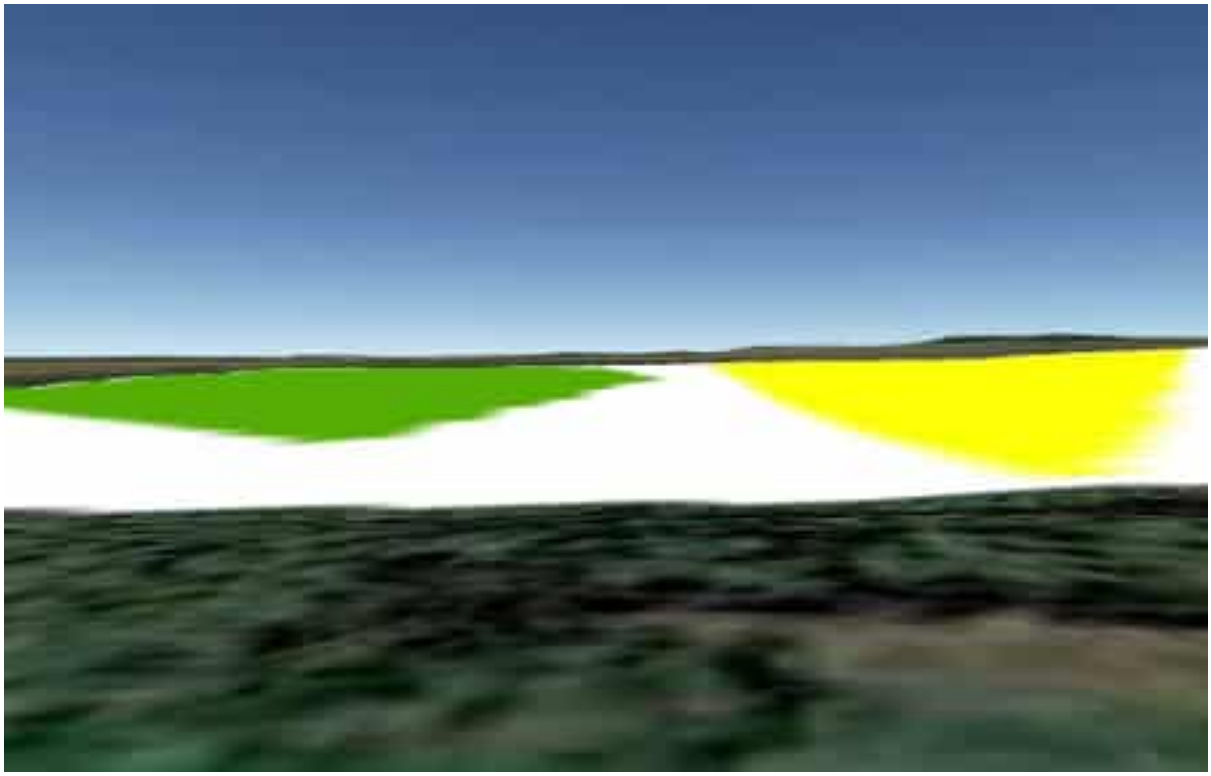


Receptor 85 (Group B Receptor 5)

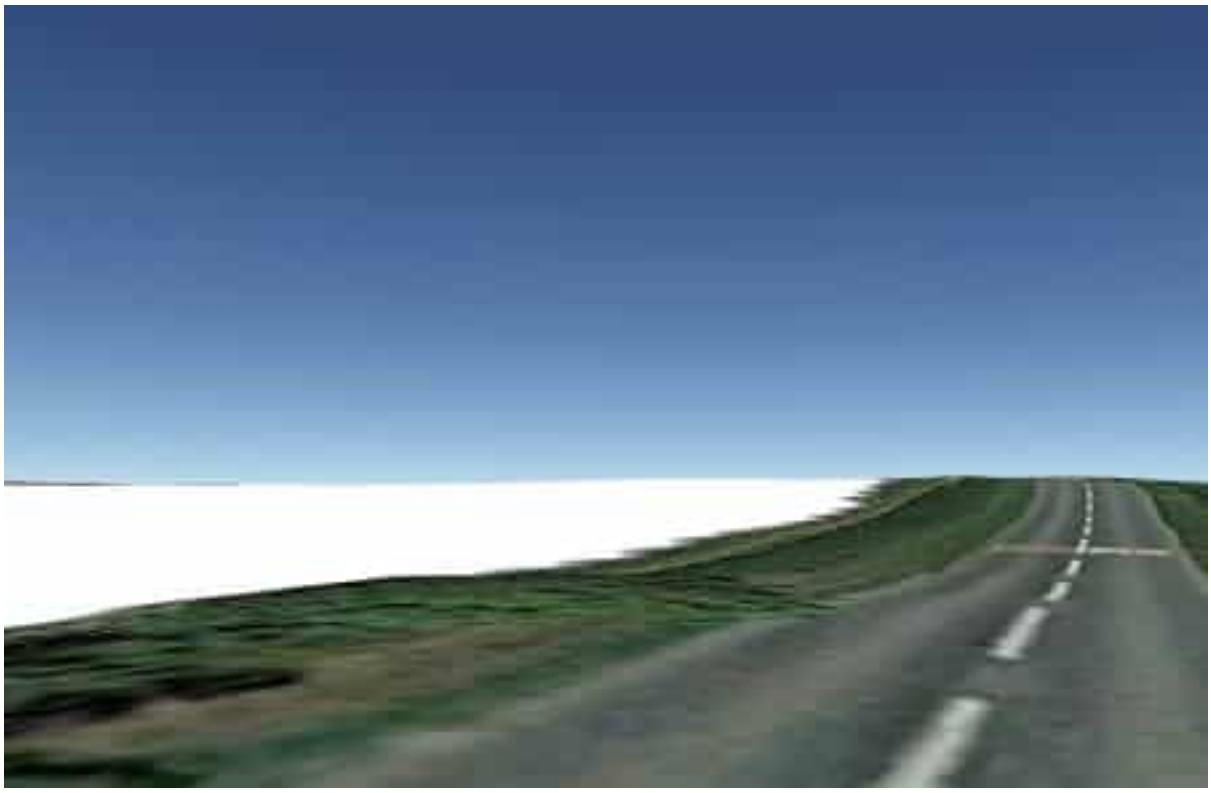


Receptor 86 (Group B Receptor 6)

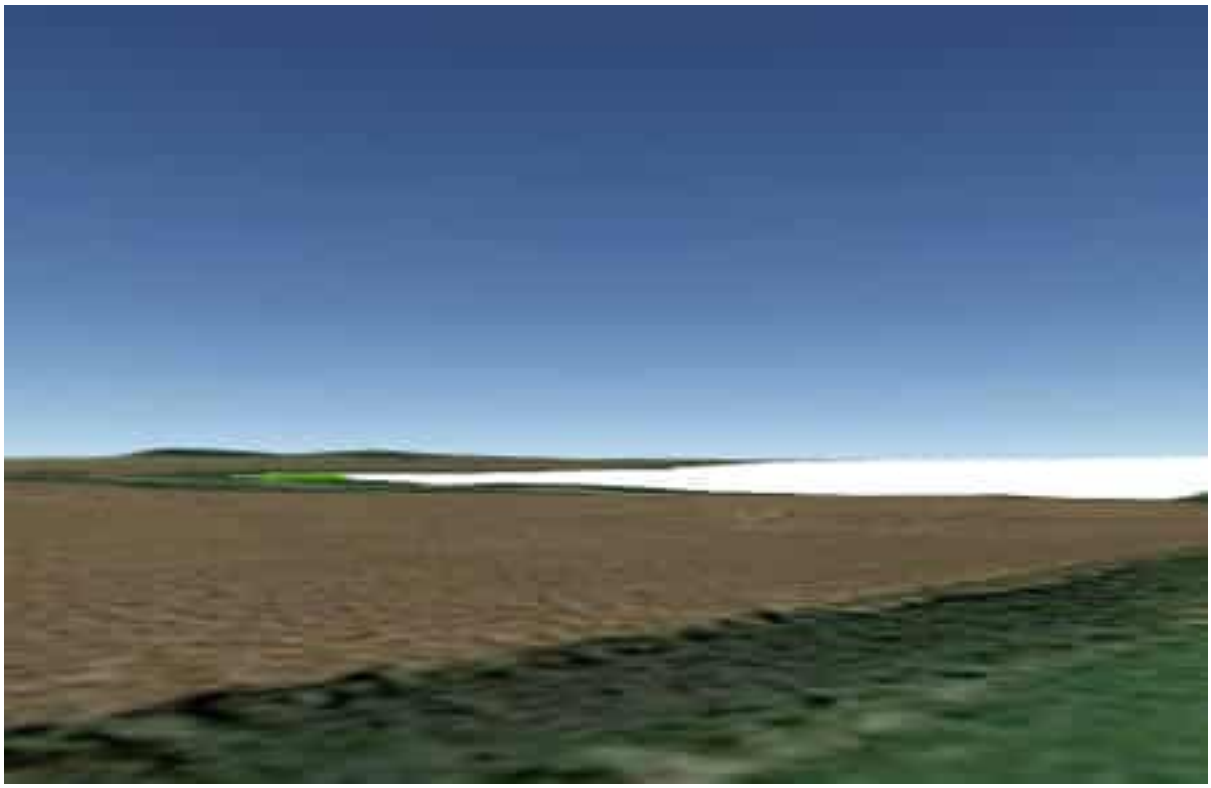
Looking East



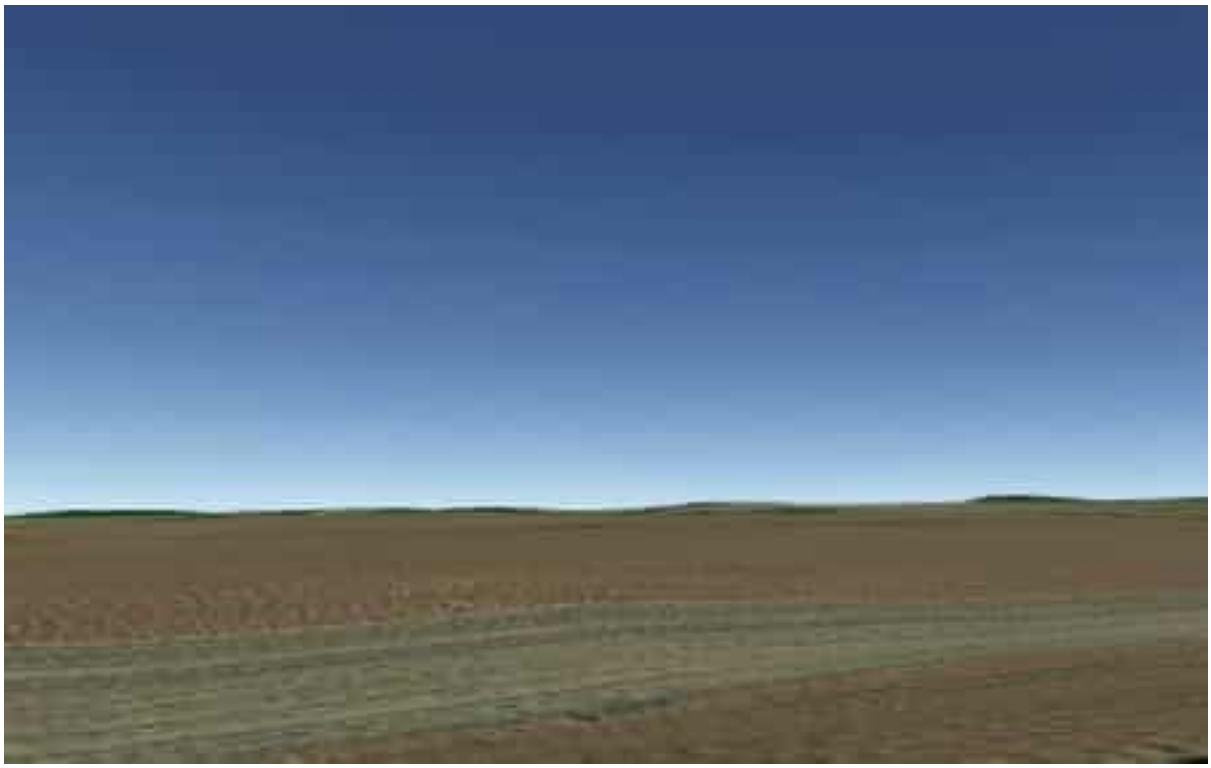
Looking North



Receptor 87 (Group B Receptor 7)

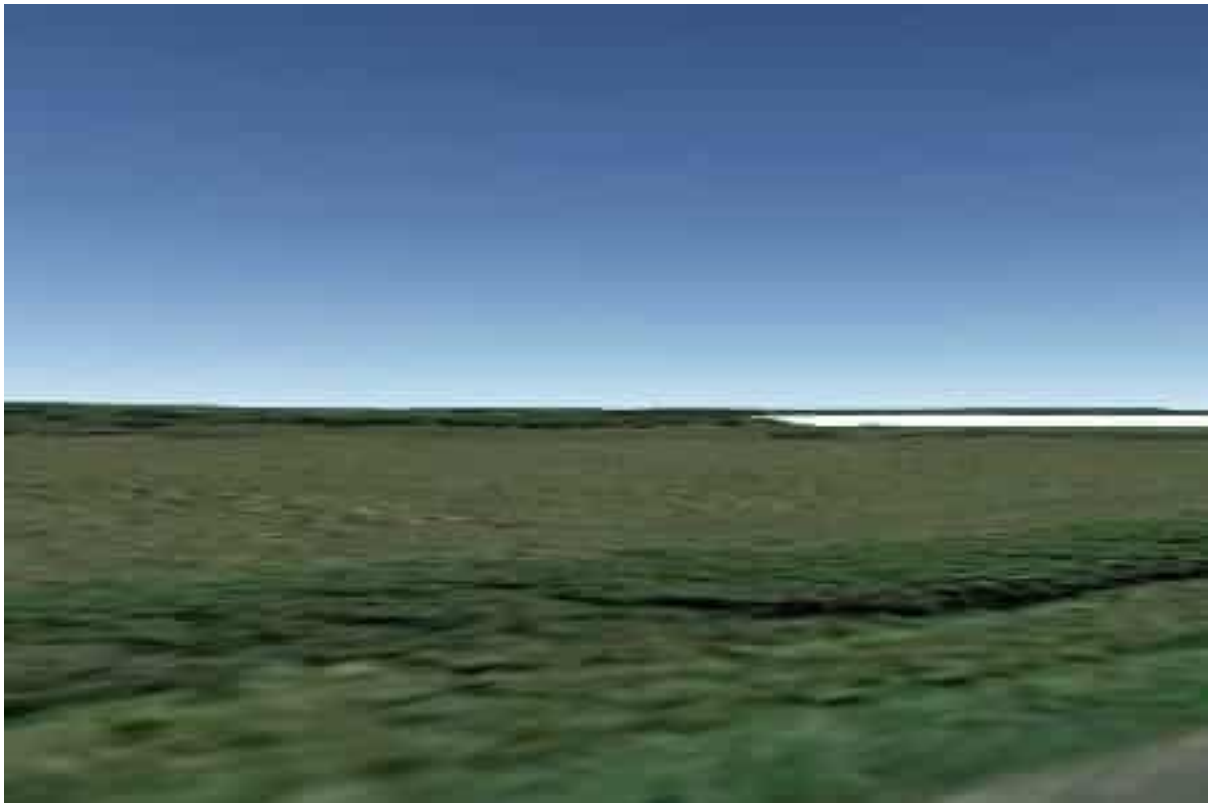


Receptor 88 (Group B Receptor 8)

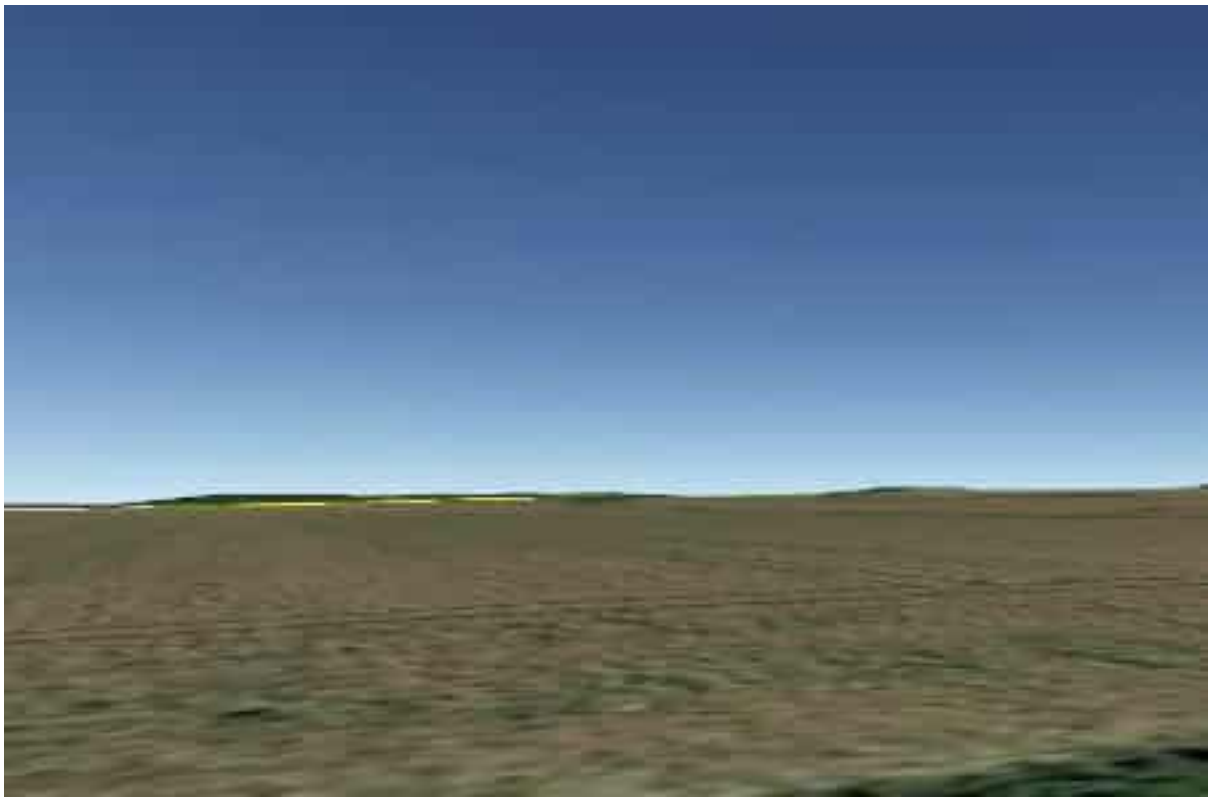


Receptor 89 (Group B Receptor 9)

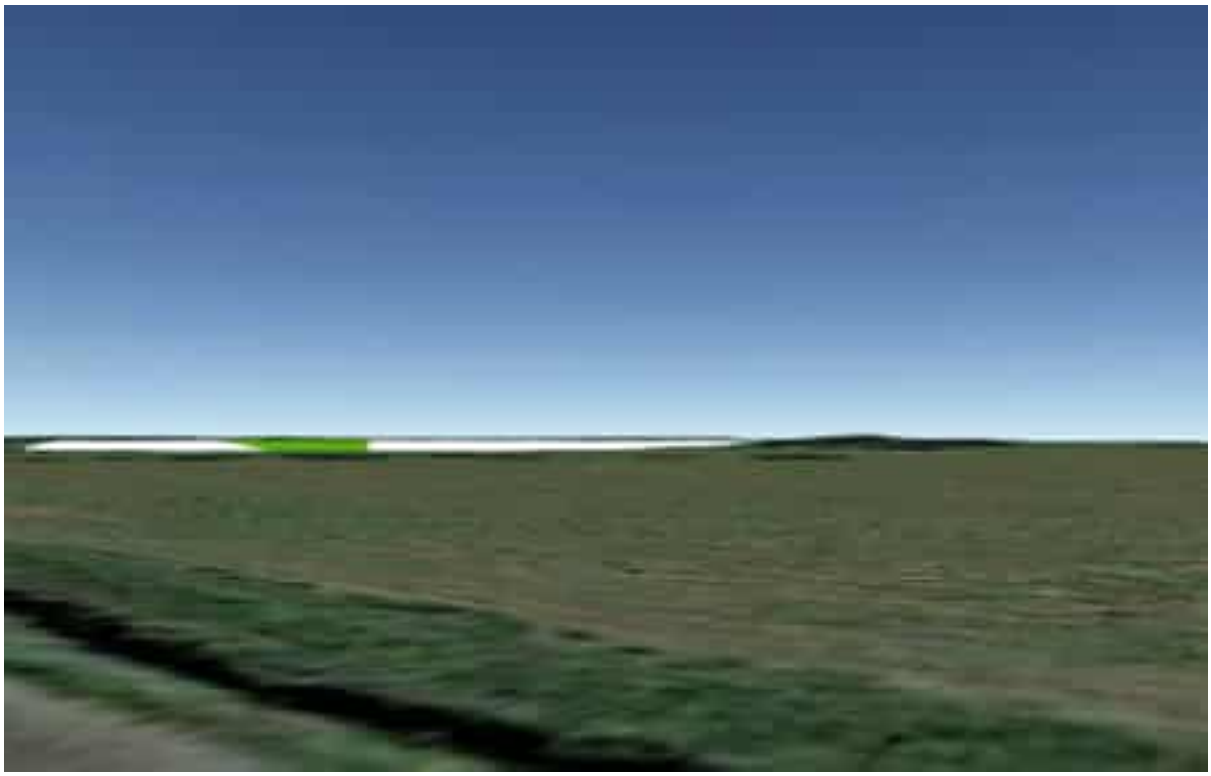
Looking East



Looking West

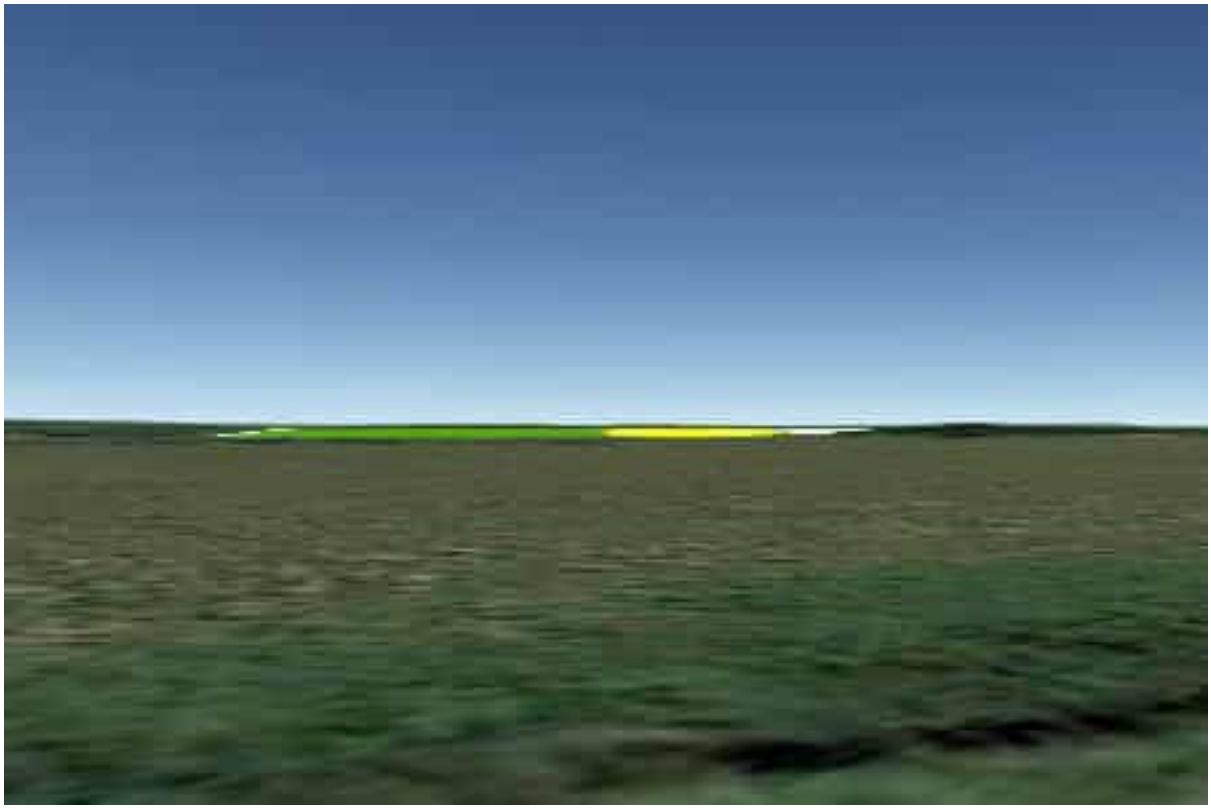


Receptor 90 (Group B Receptor 10)

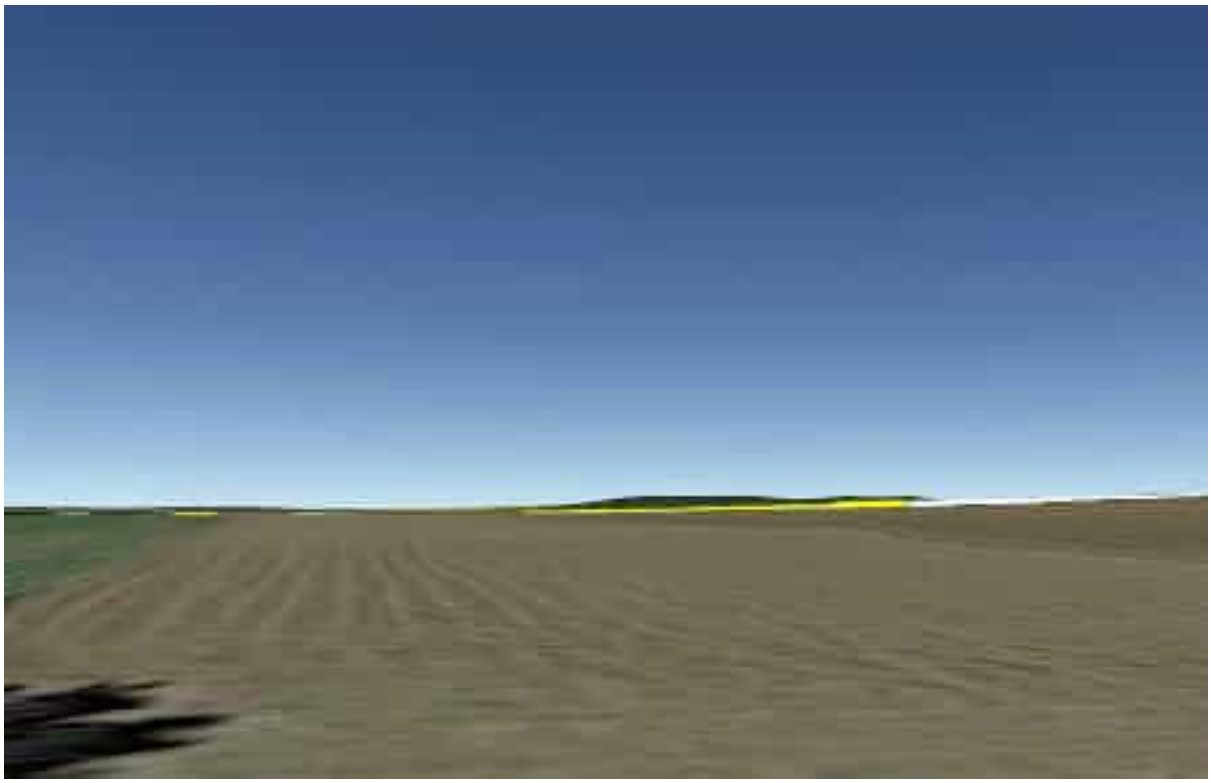


Receptor 91 (Group B Receptor 11)

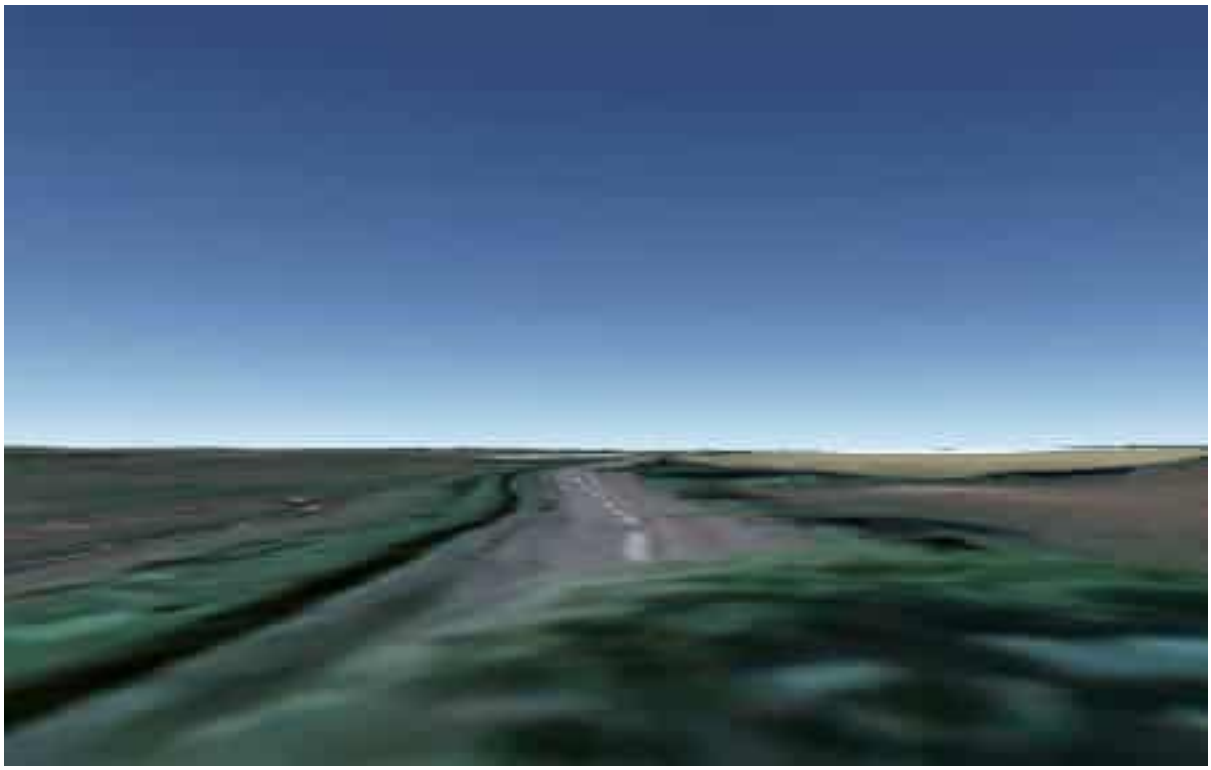
Looking East



Looking West

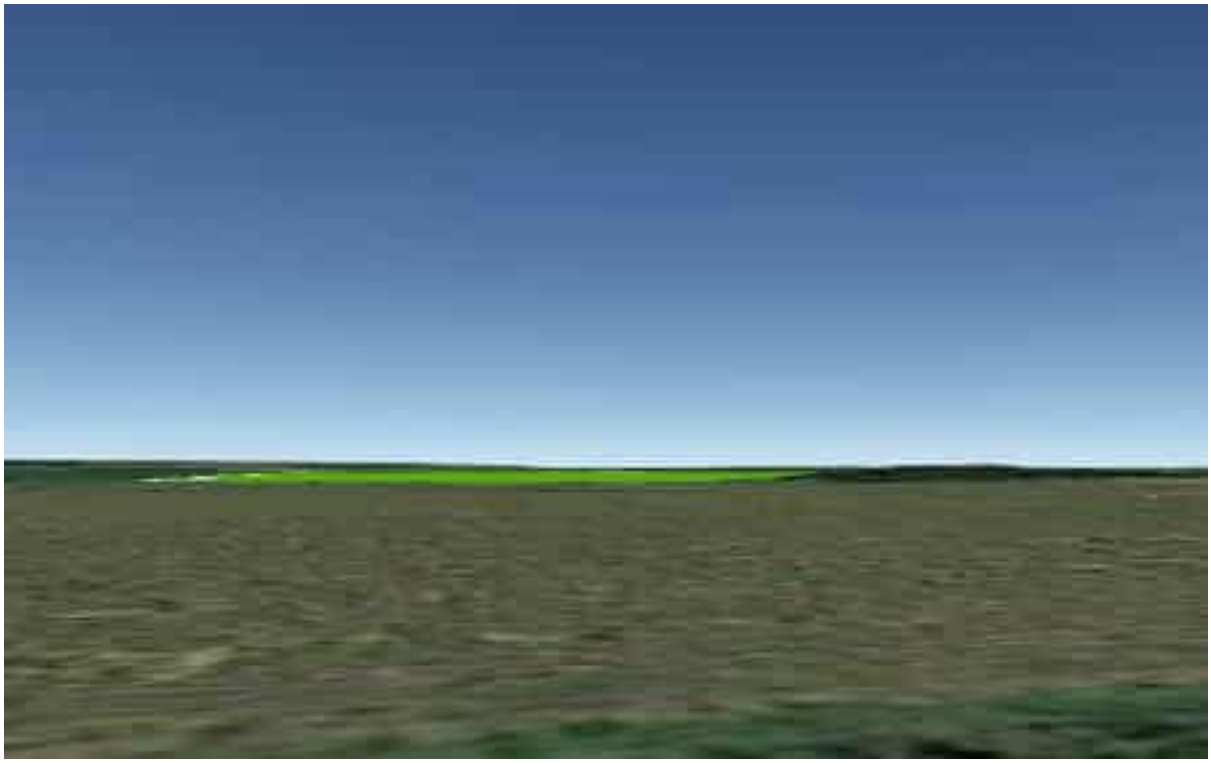


Looking South

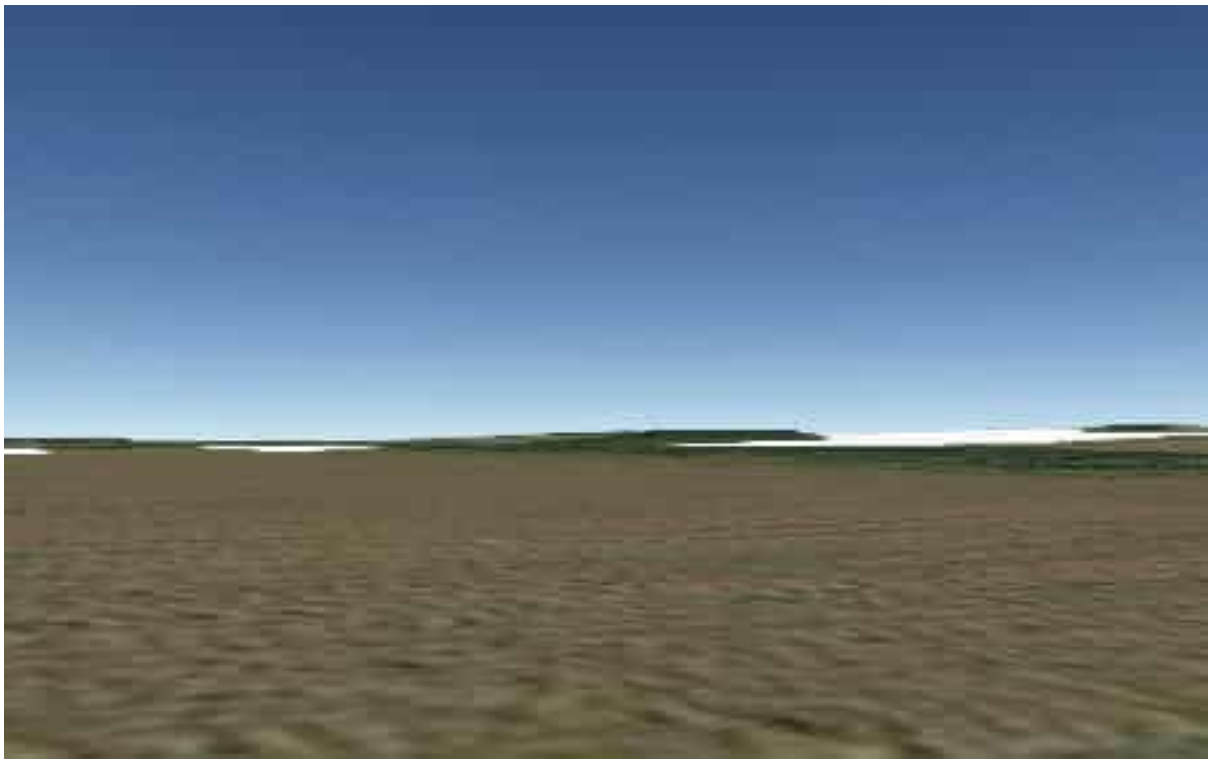


Receptor 92 (Group B Receptor 12)

Looking East

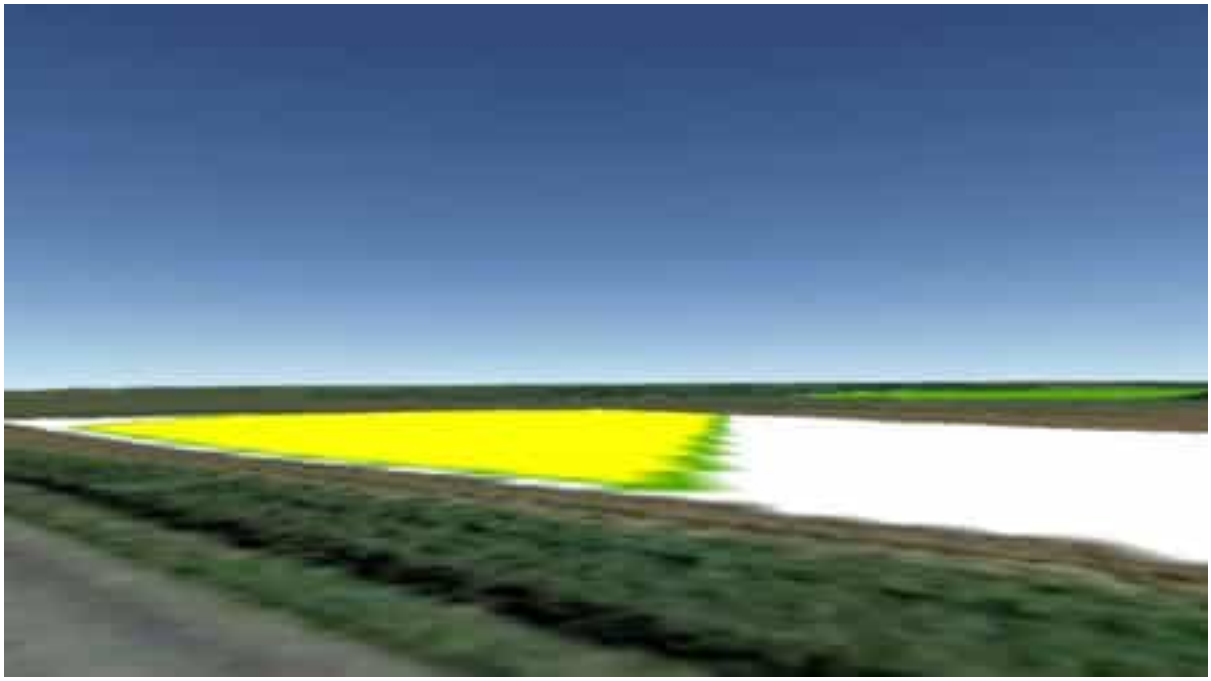


Looking West

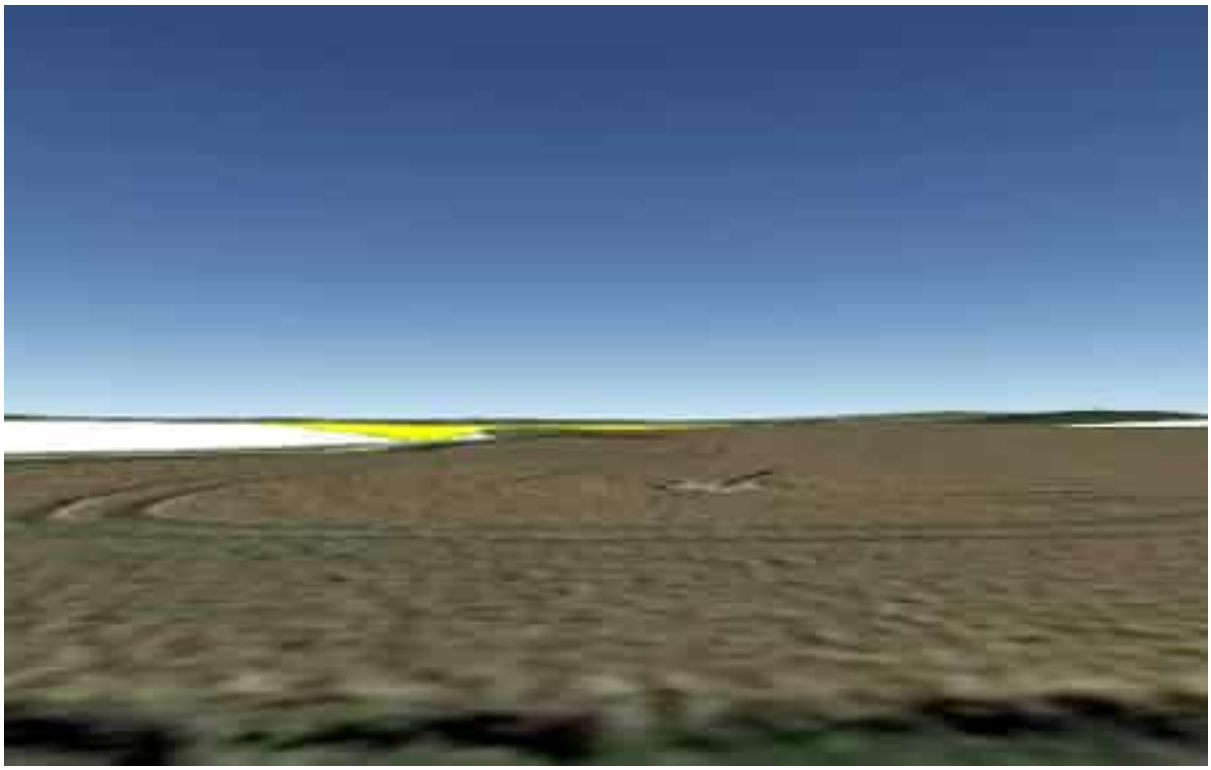


Receptor 93 (Group B Receptor 13)

Looking East

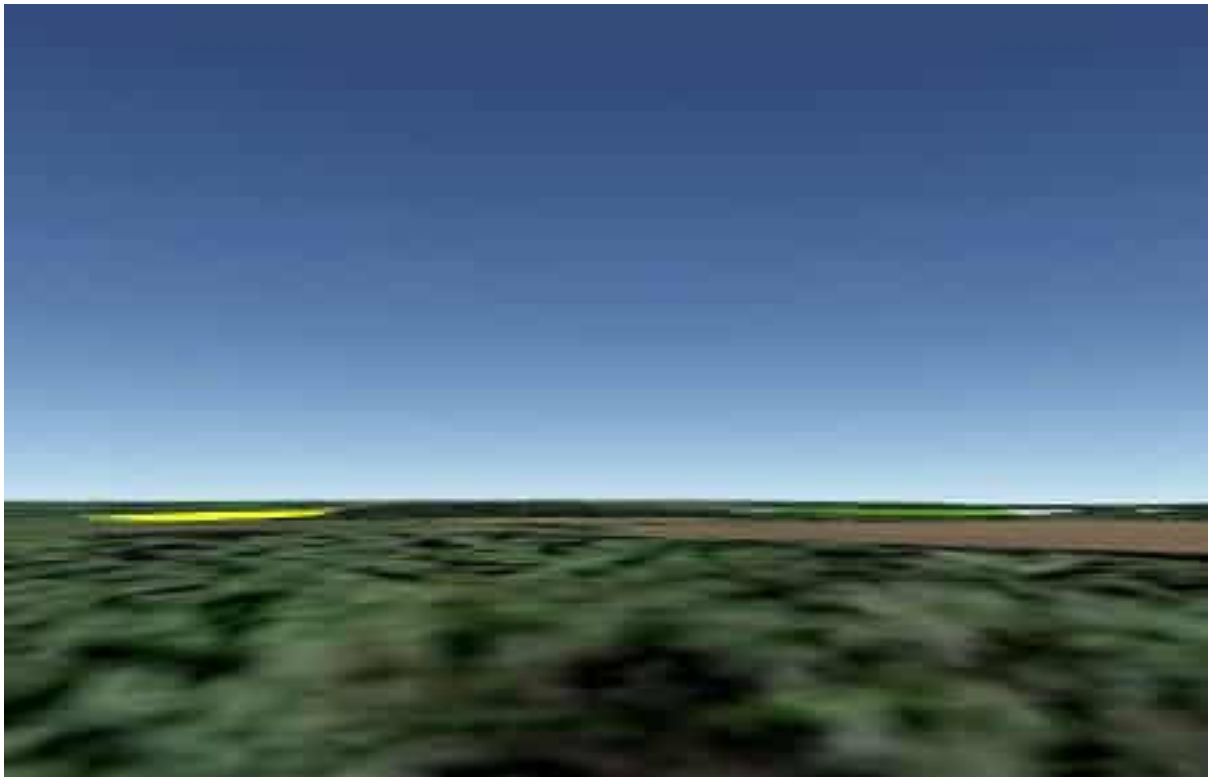


Looking West

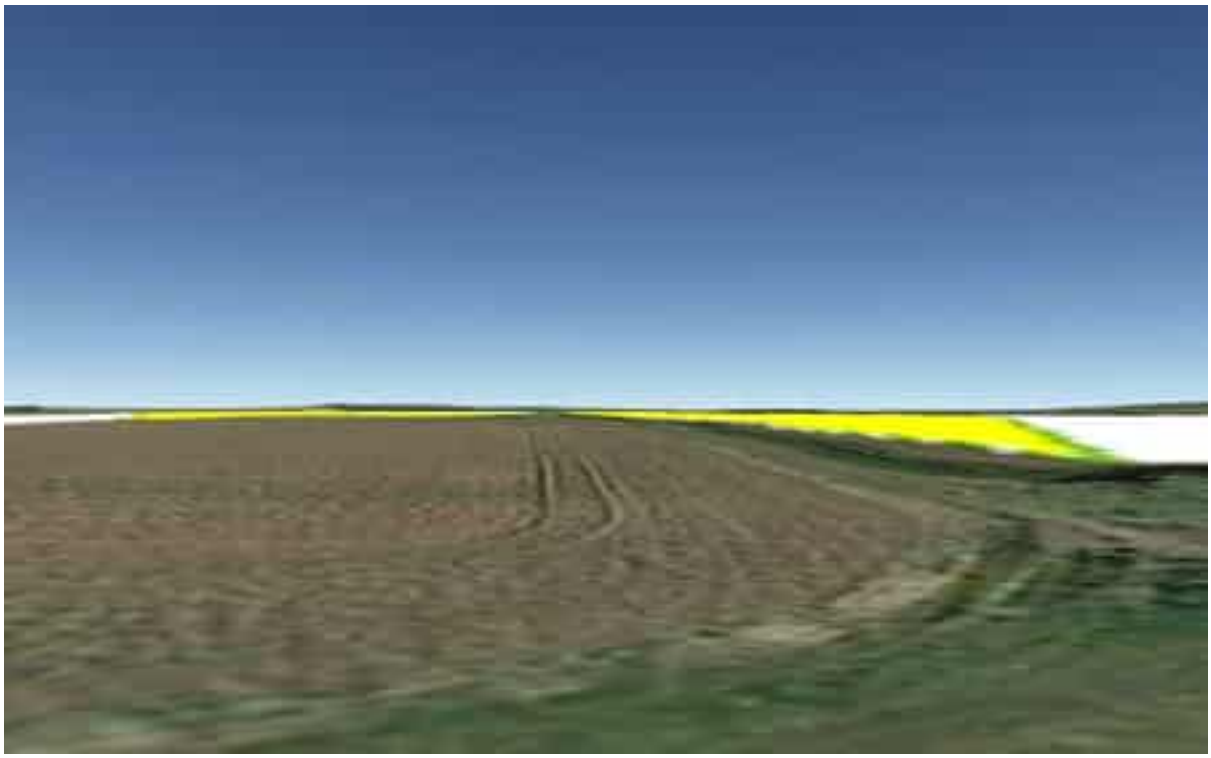


Receptor 94 (Group B Receptor 14)

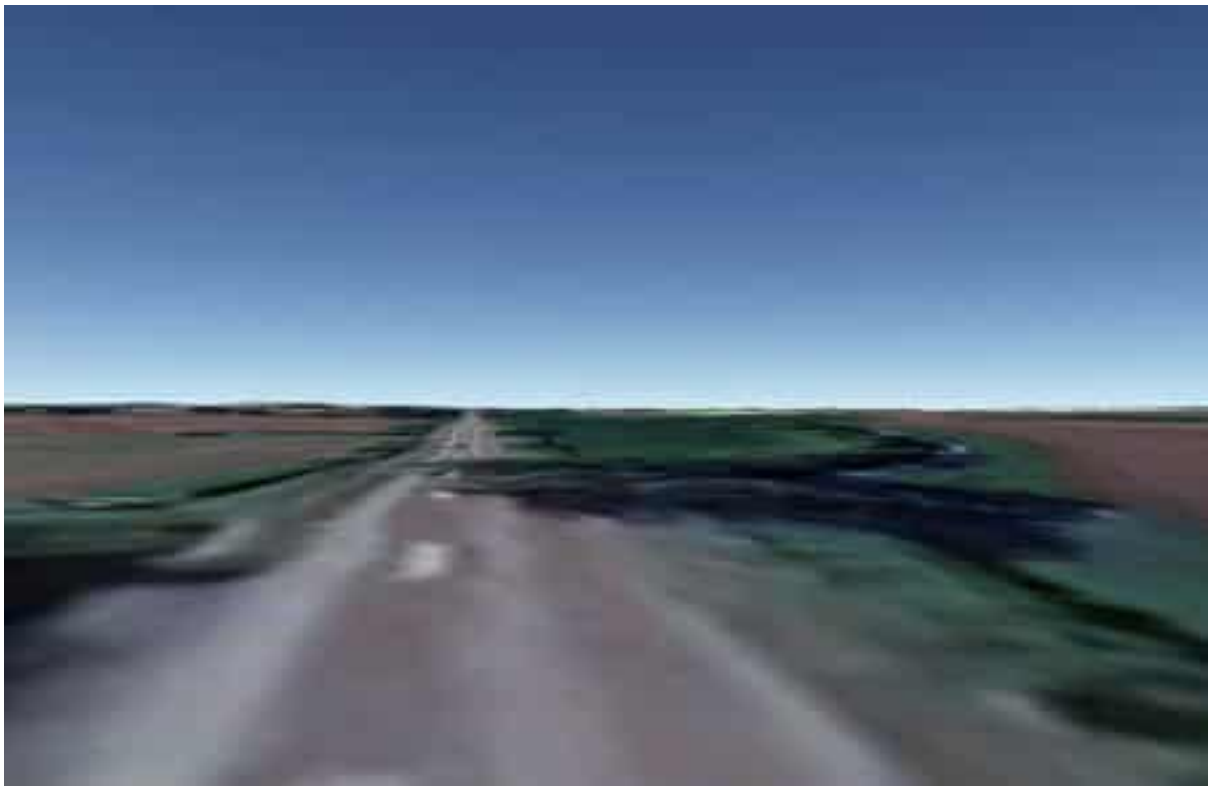
Looking East



Looking West



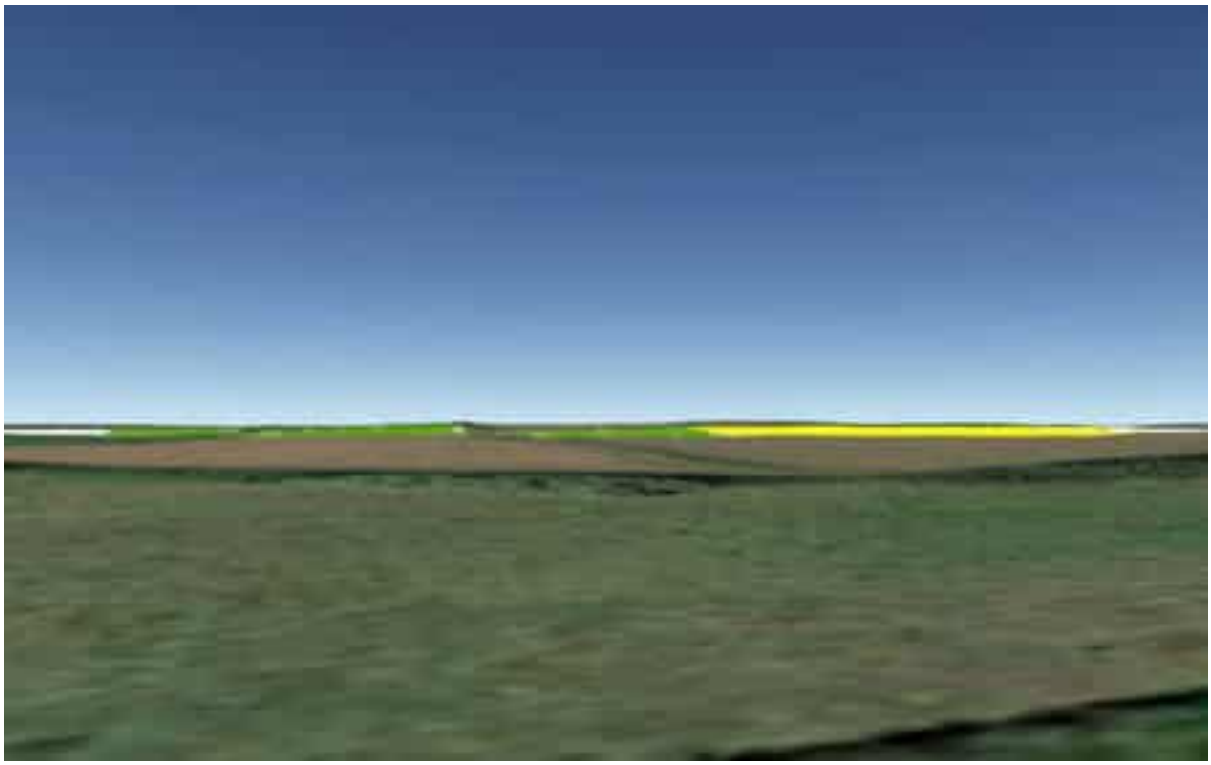
Looking South



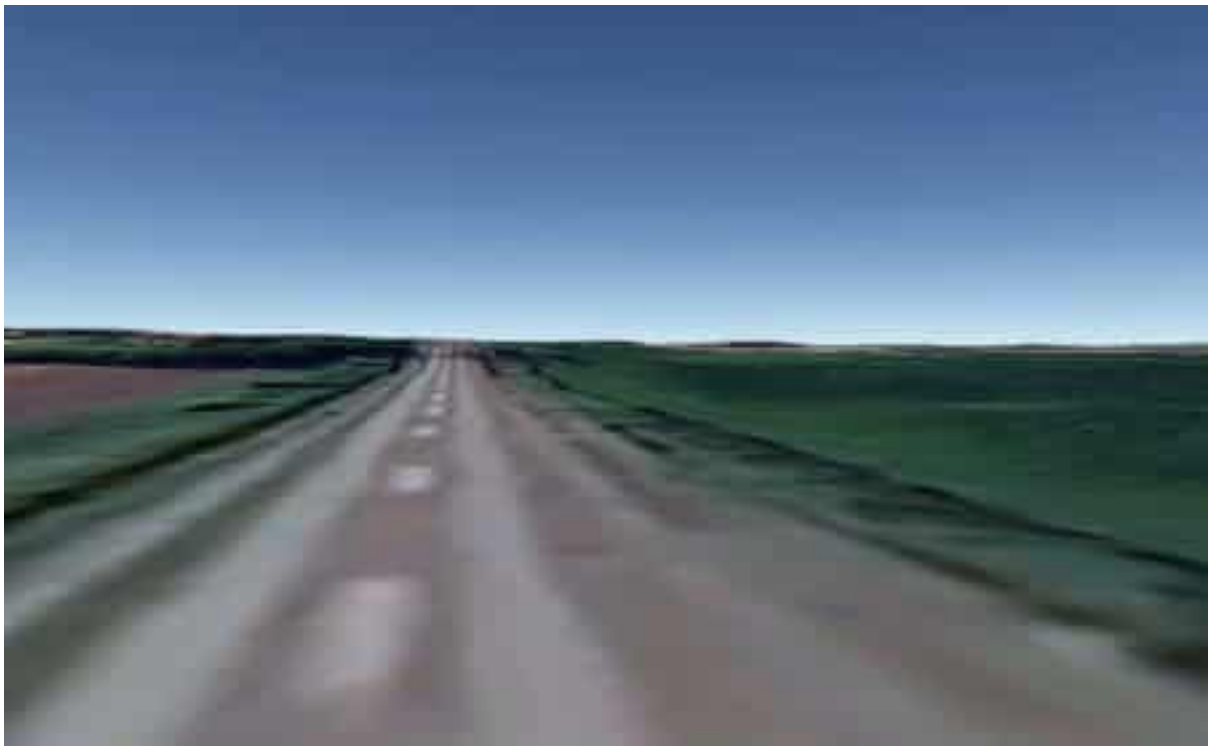
Receptor 95 (Group B Receptor 15)

Looking East

Looking West

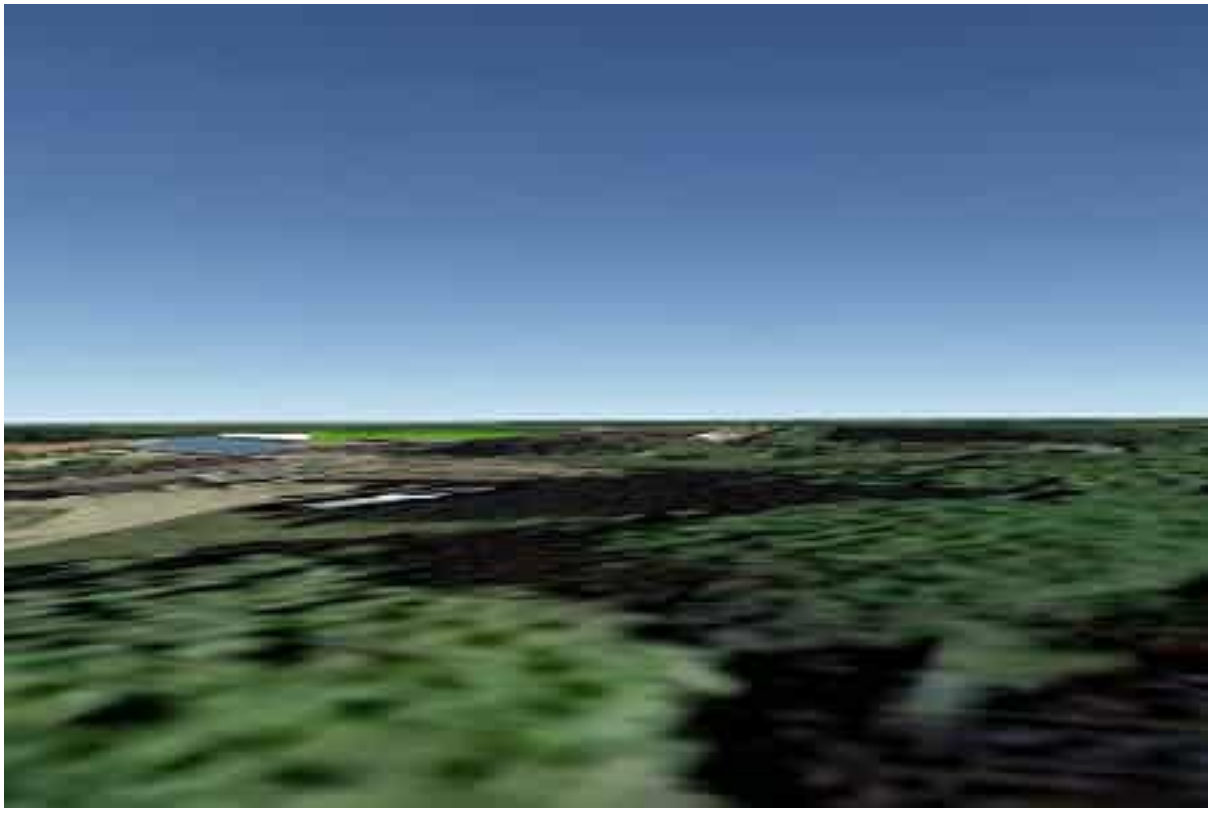


Looking South

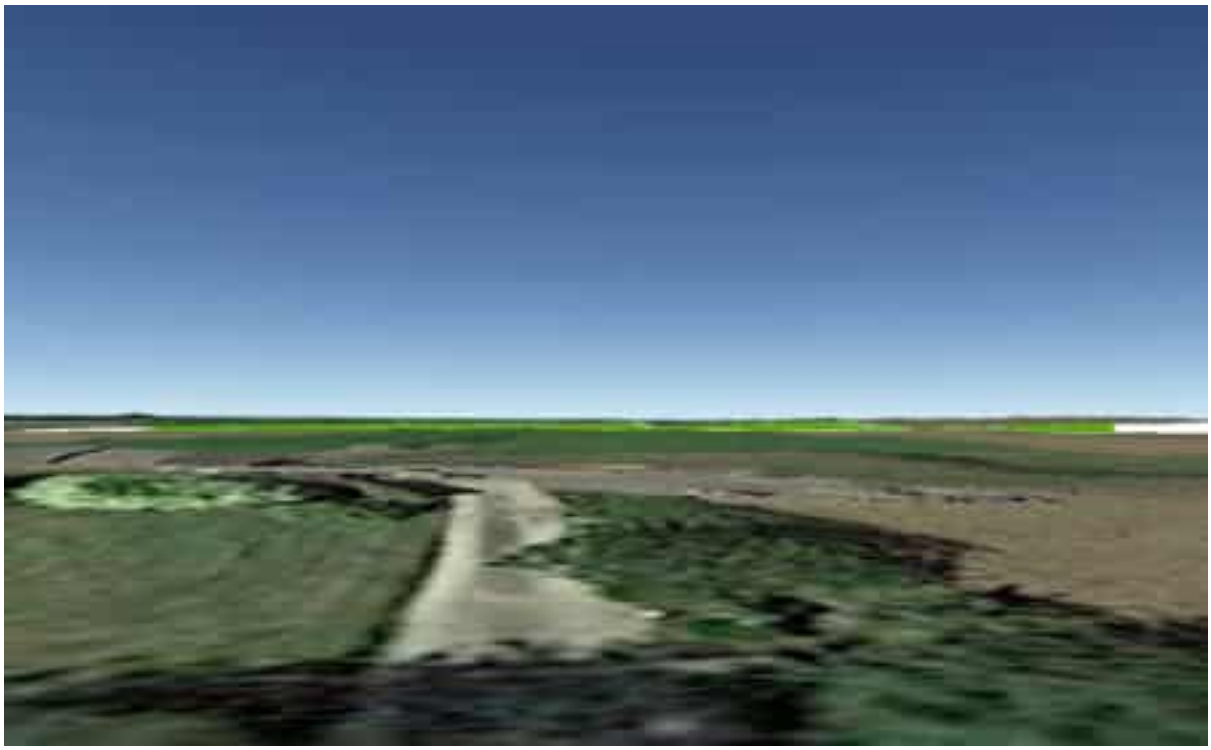


Receptor 96 (Group B Receptor 16)

Looking East

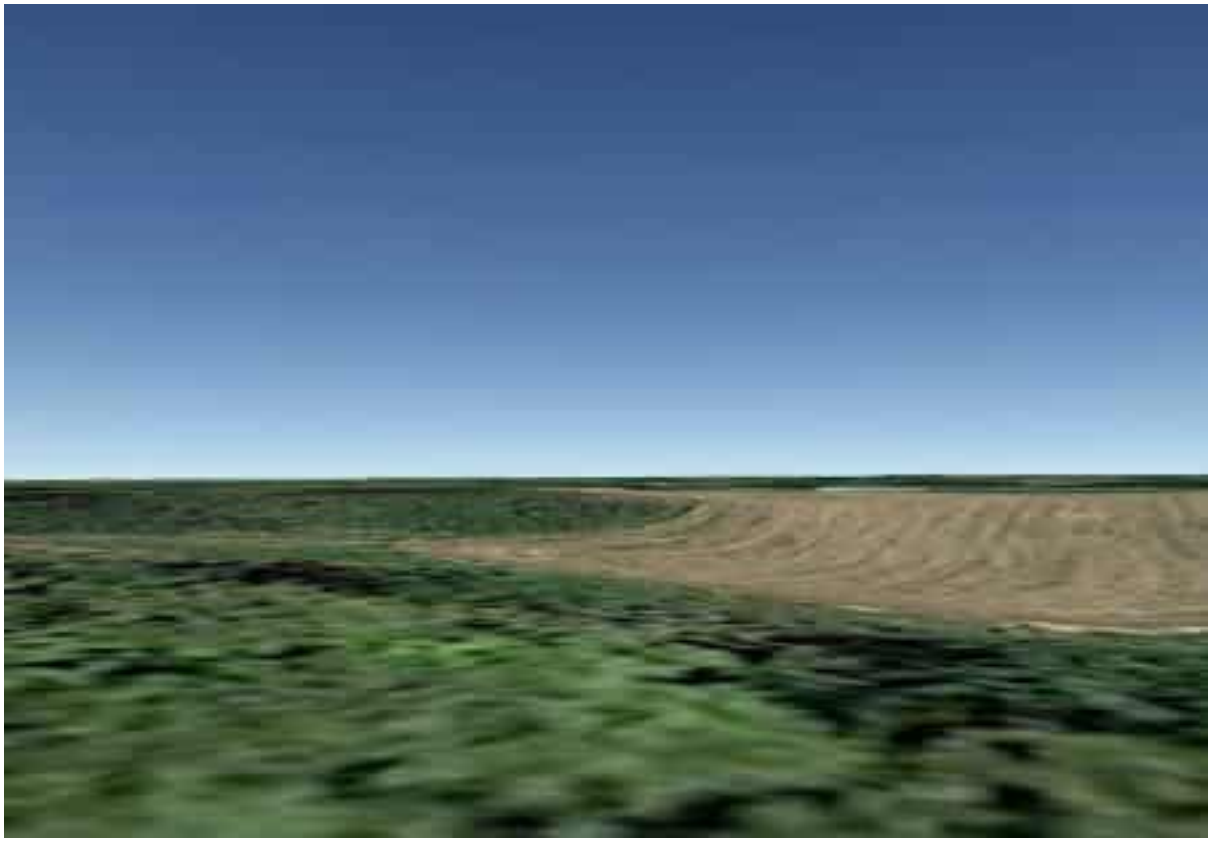


Looking West

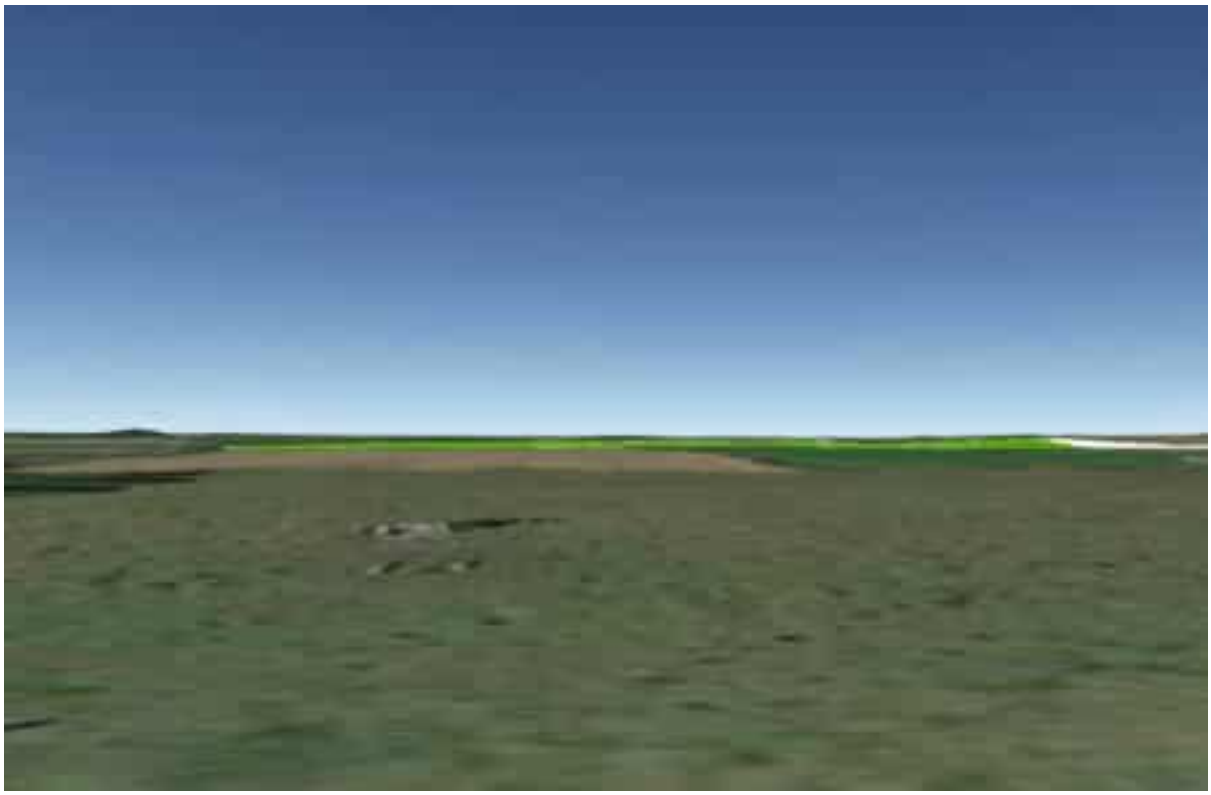


Receptor 97 (Group B Receptor 17)

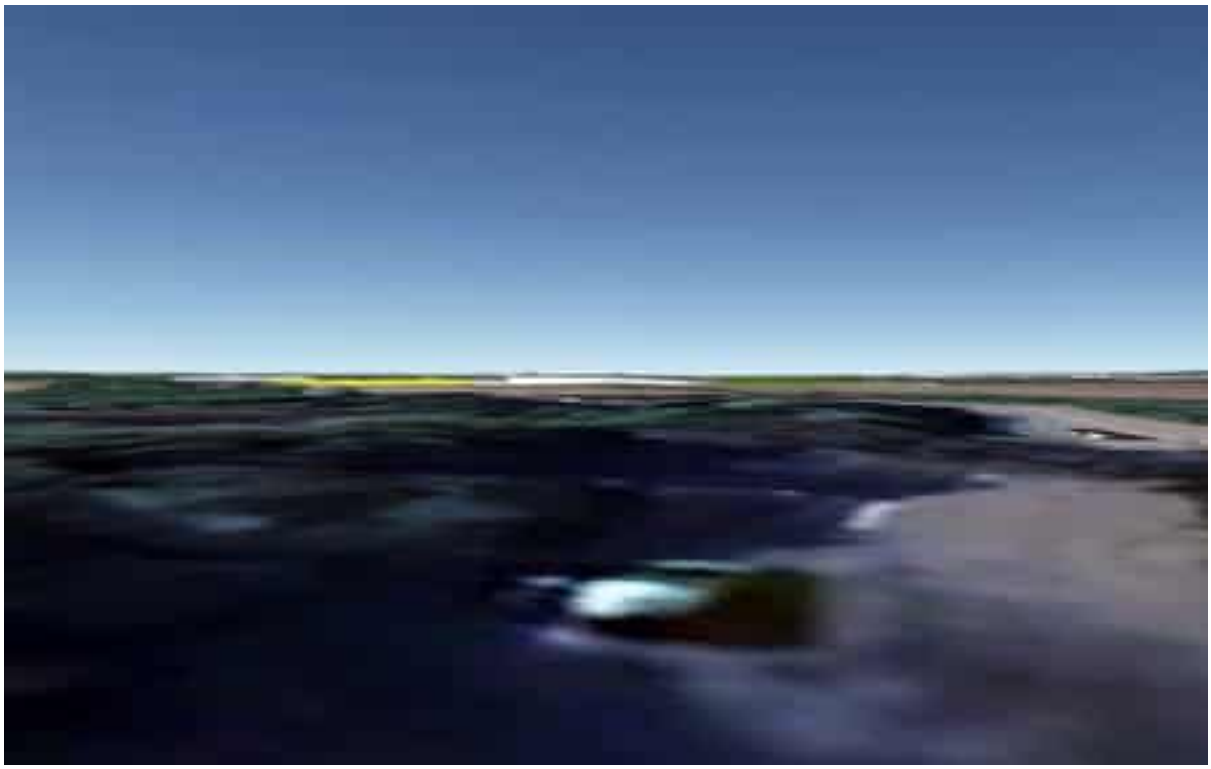
Looking East



Looking West

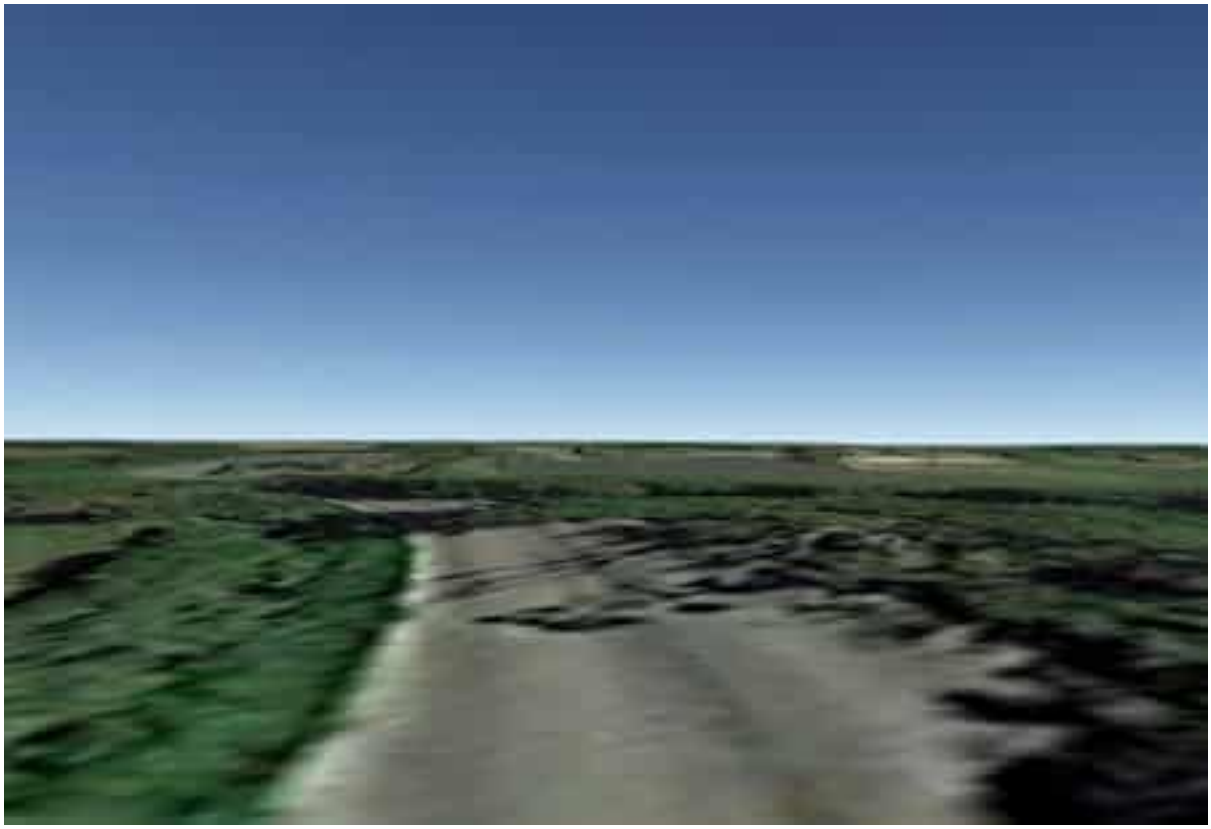


Looking South

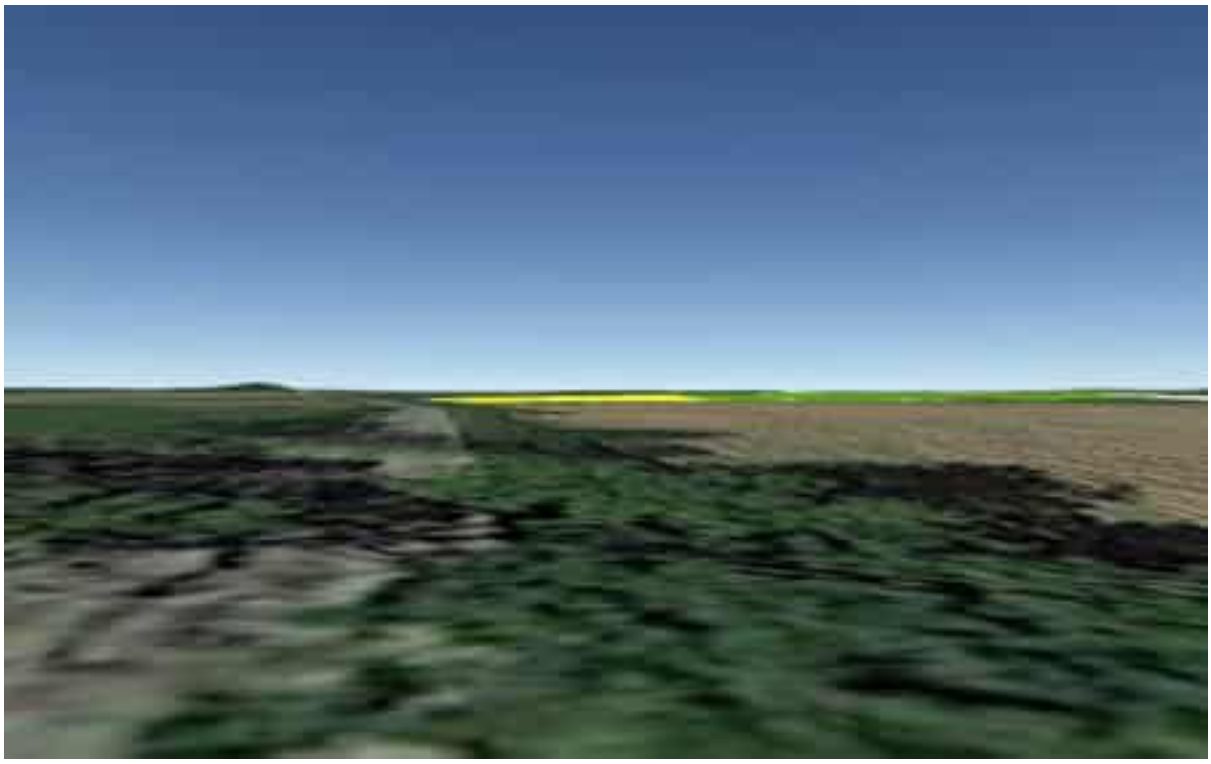


Receptor 98 (Group B Receptor 18)

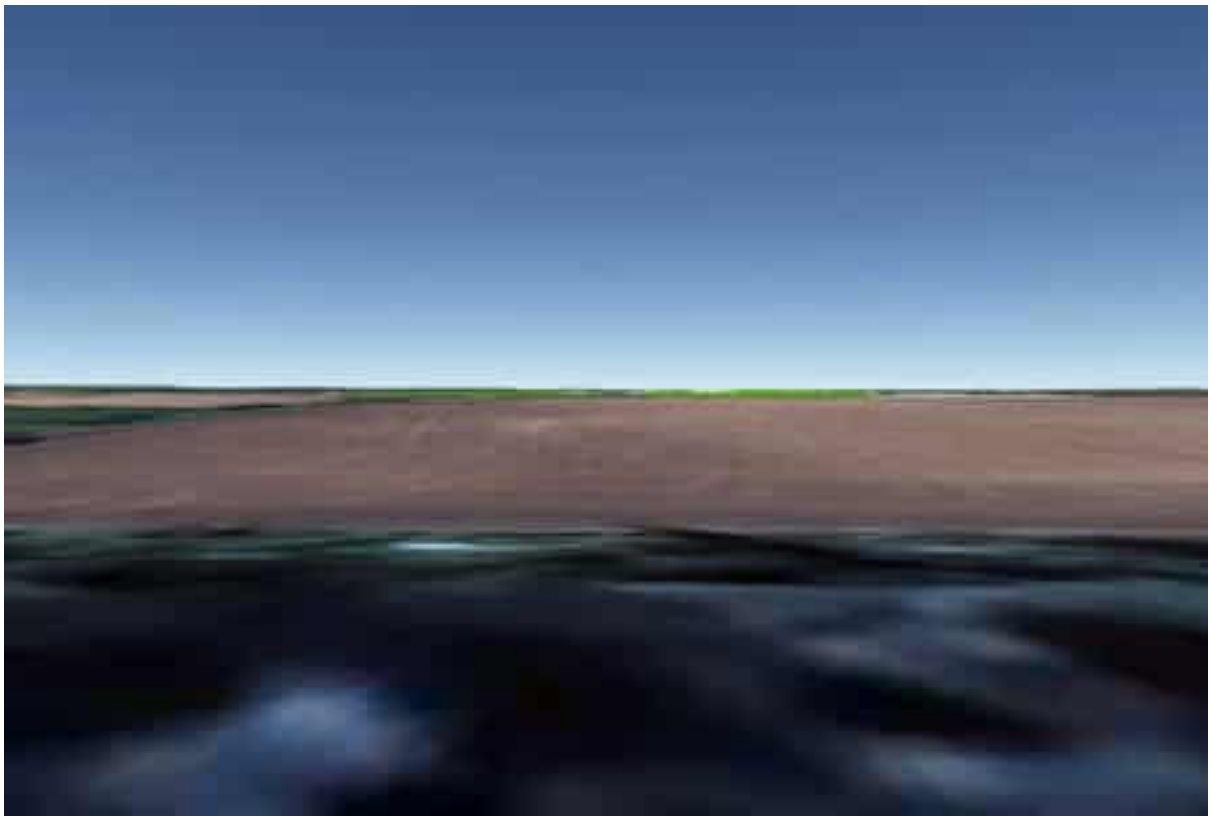
Looking East



Looking West

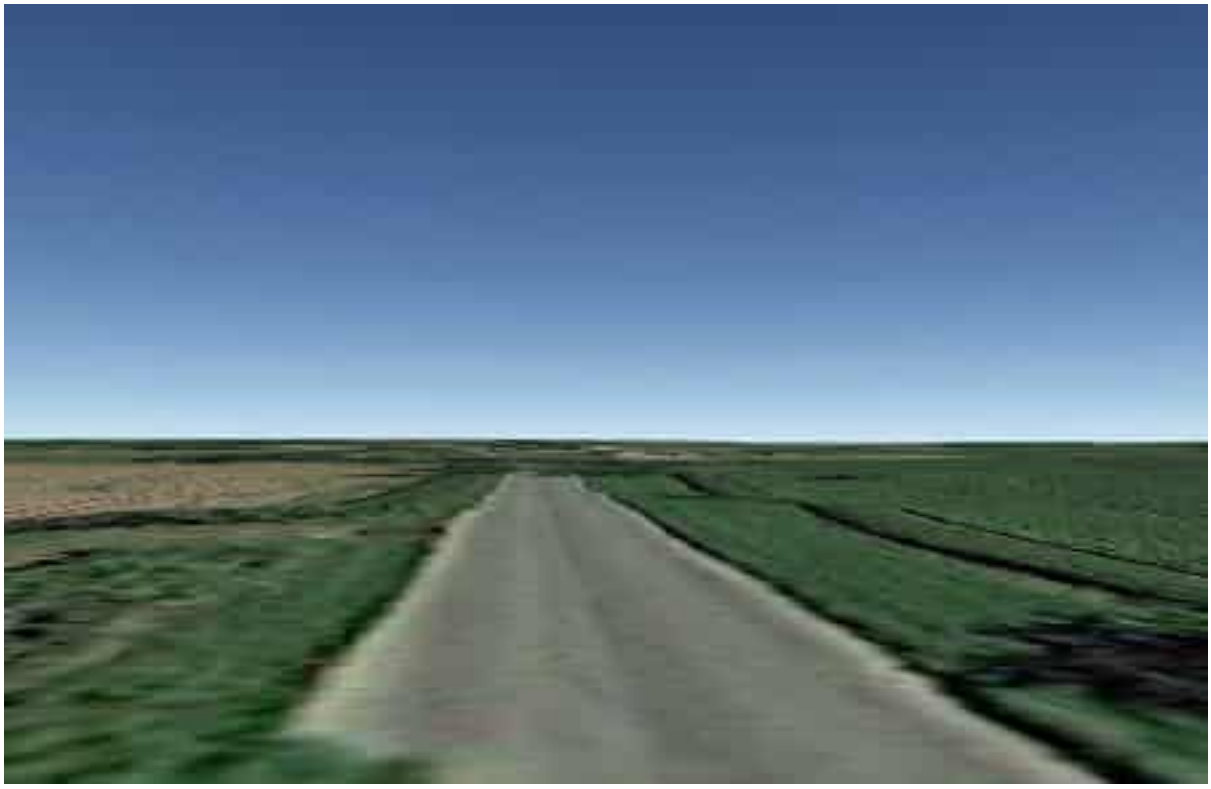


Looking South

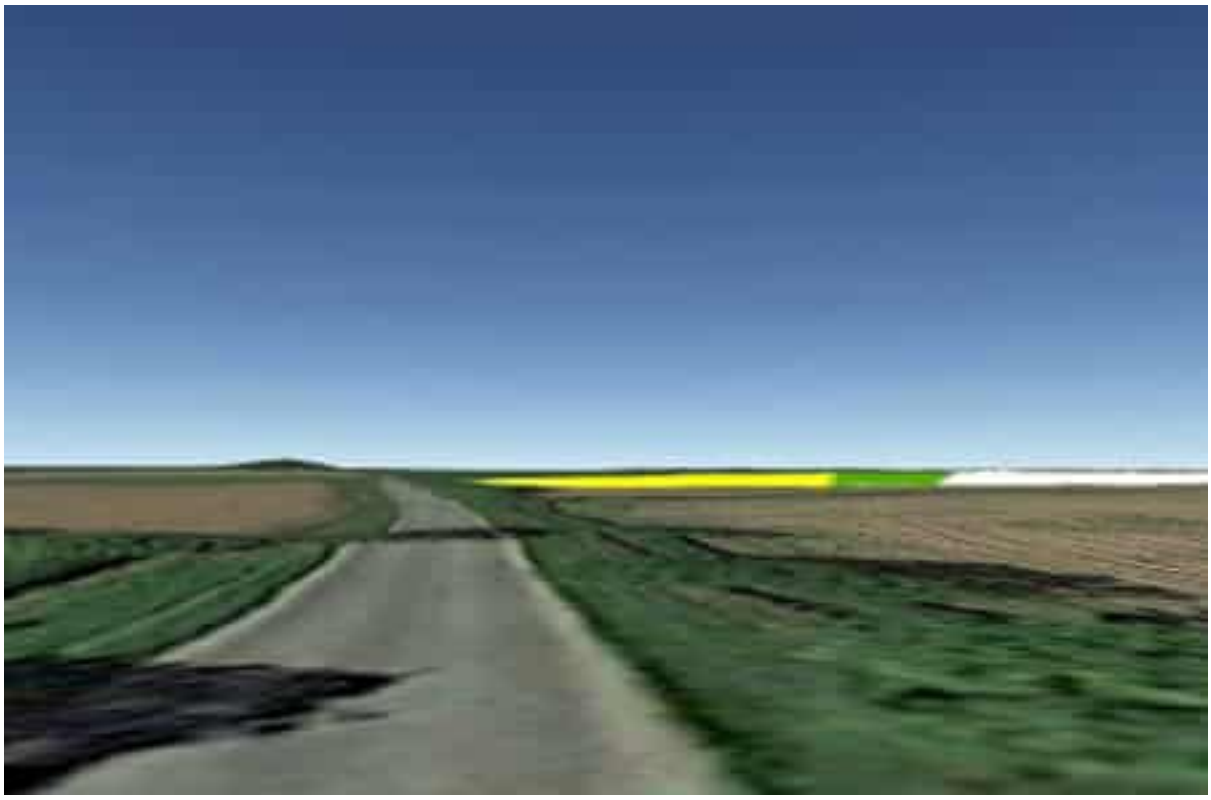


Receptor 99 (Group B Receptor 19)

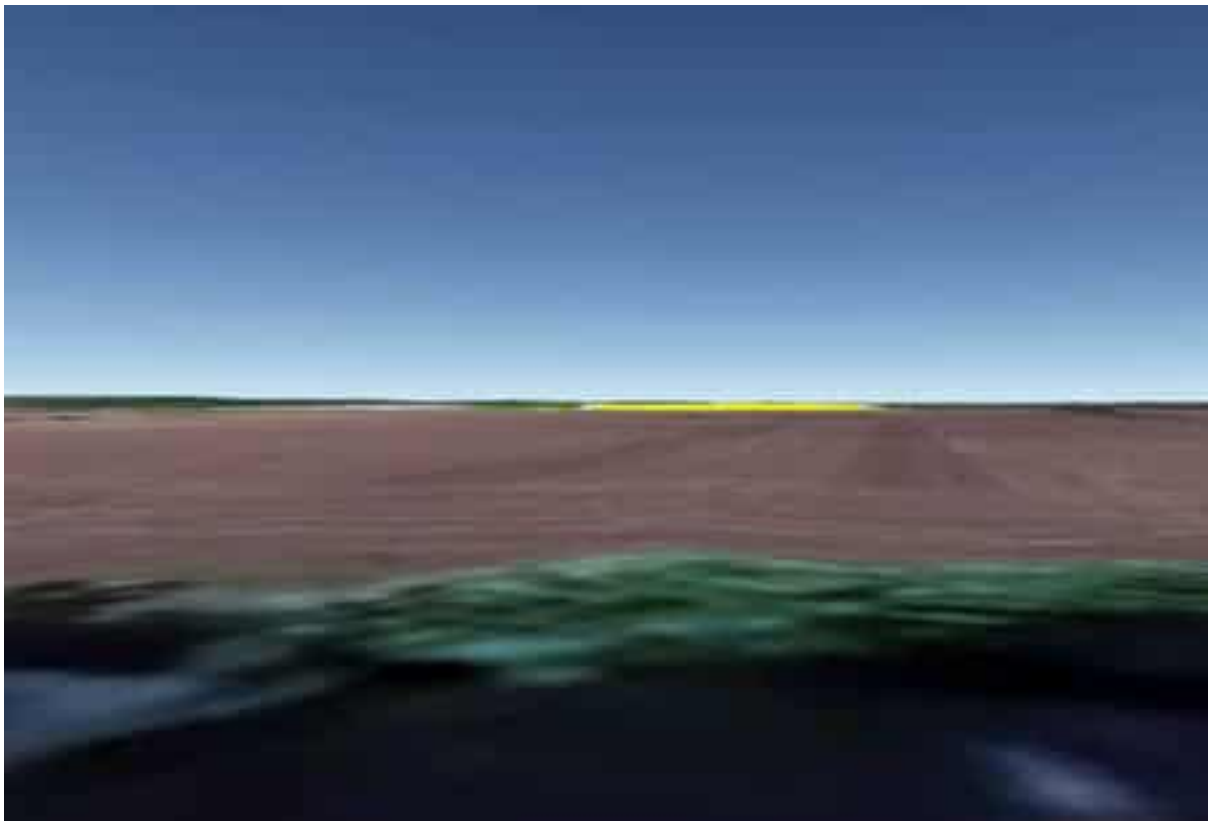
Looking East



Looking West

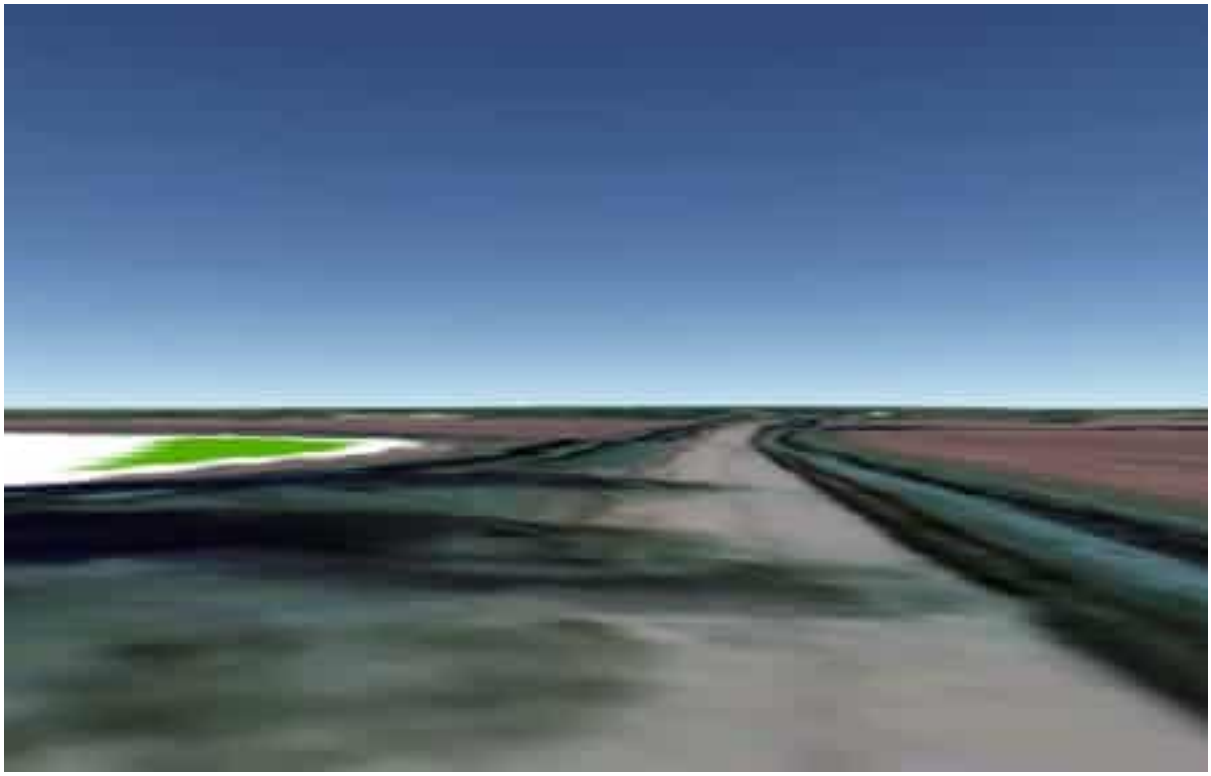


Looking South

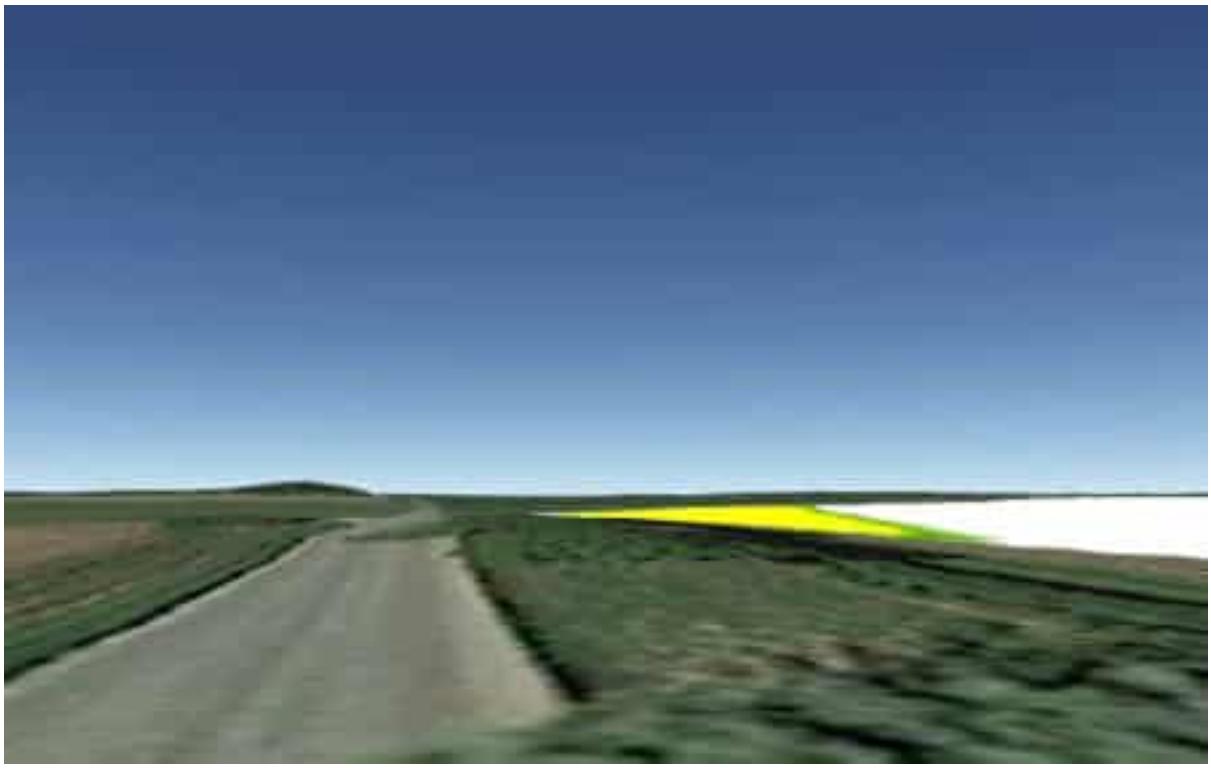


Receptor 100 (Group B Receptor 20)

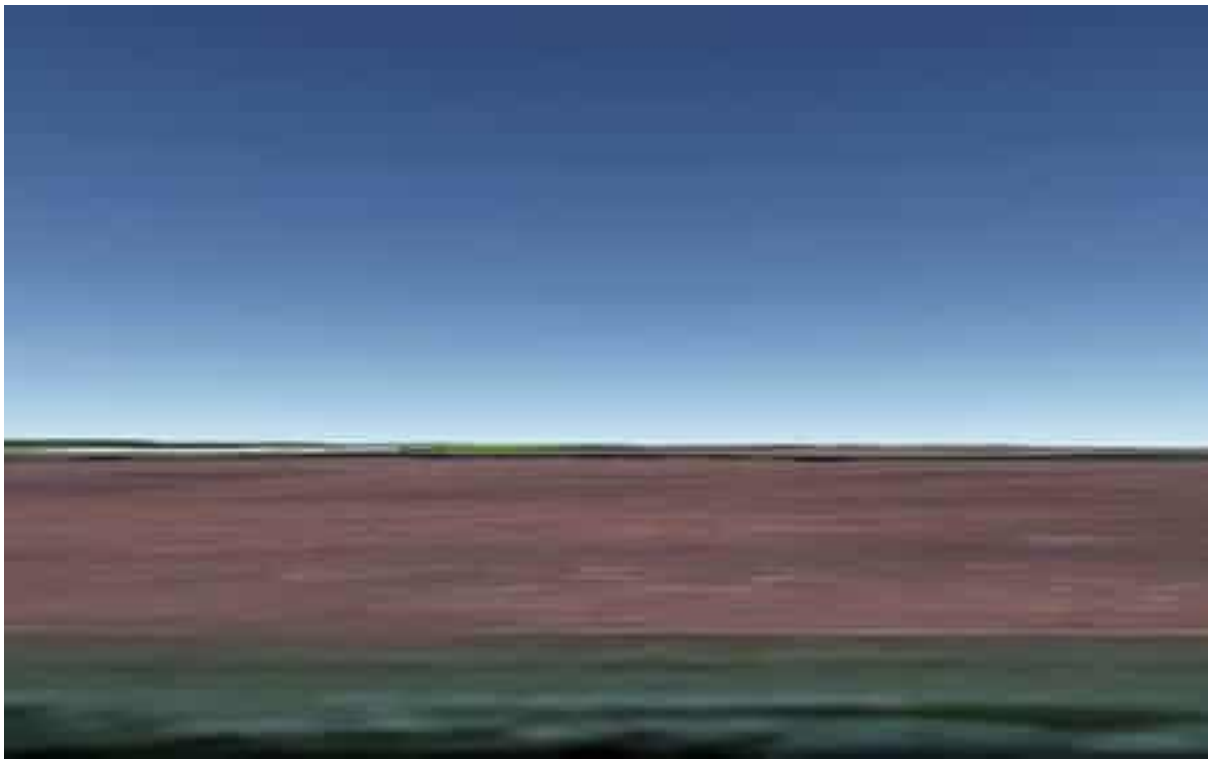
Looking East



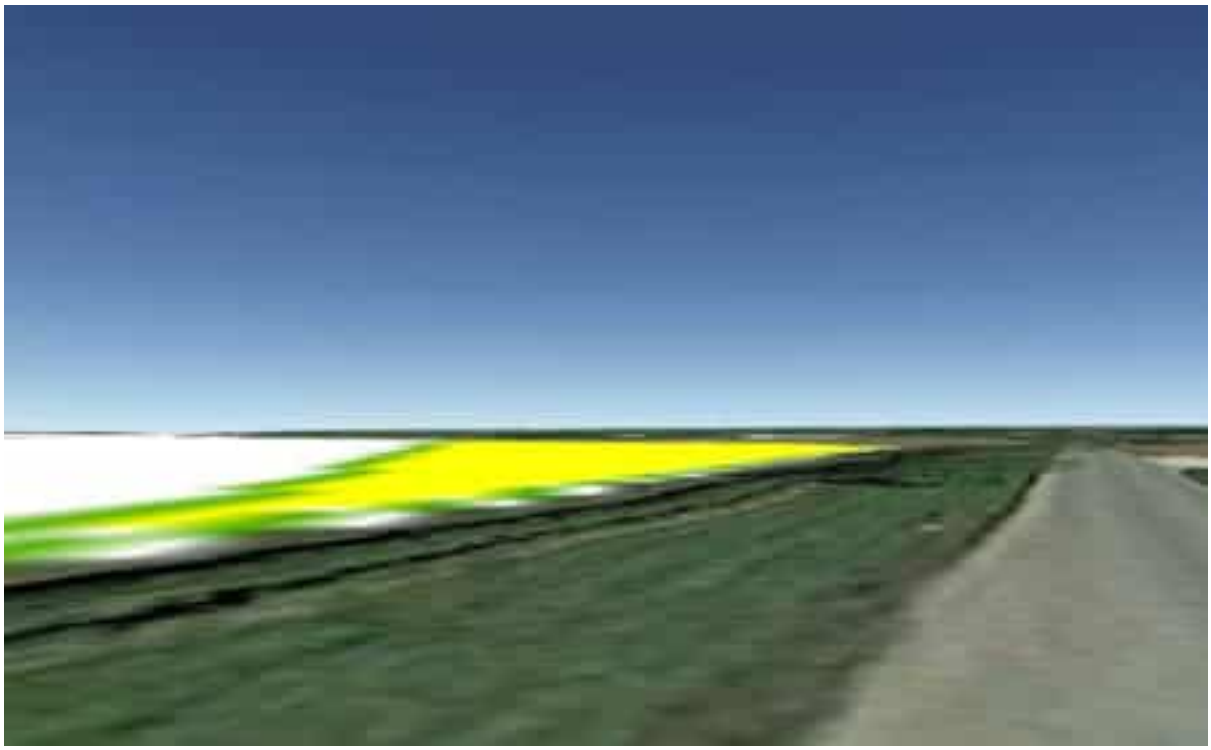
Looking West



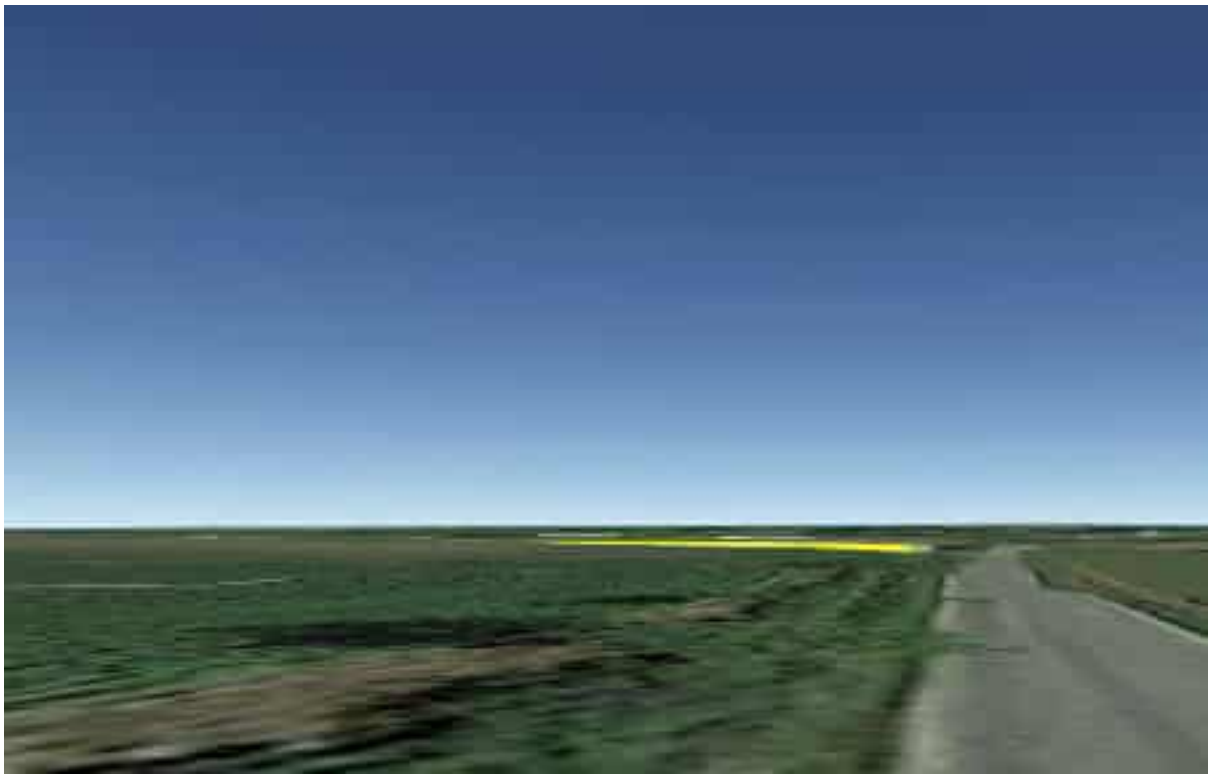
Looking South



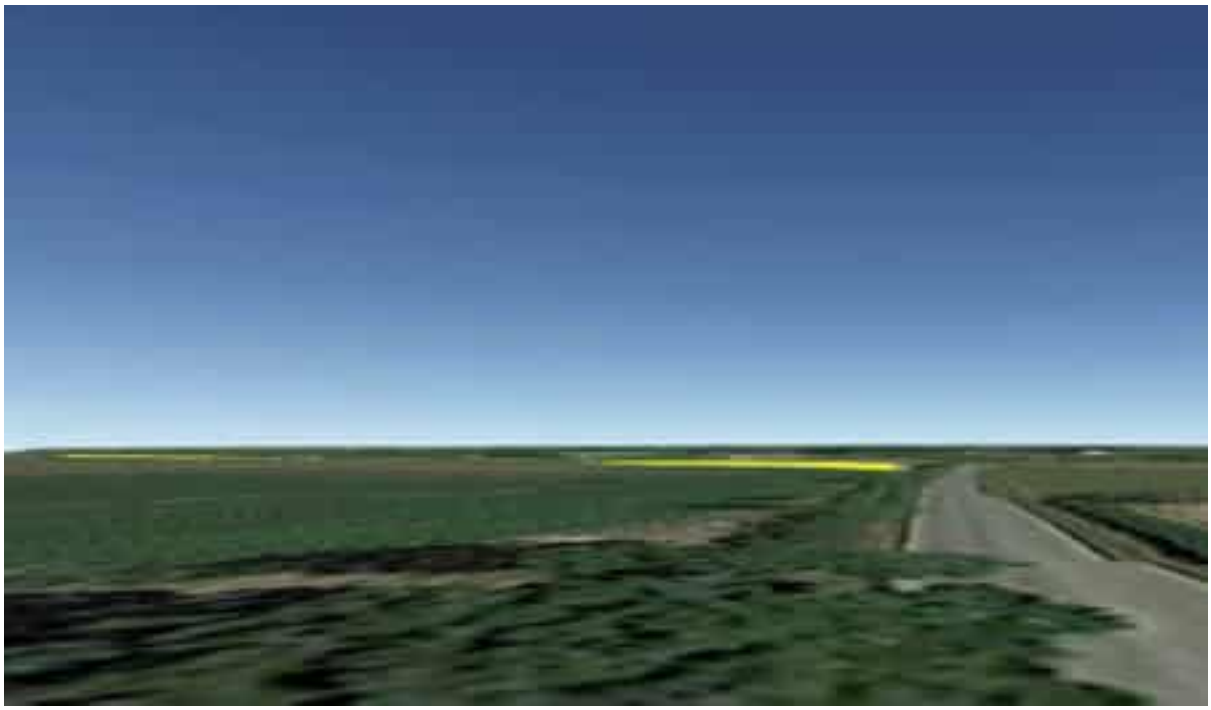
Receptor 101 (Group B Receptor 21)



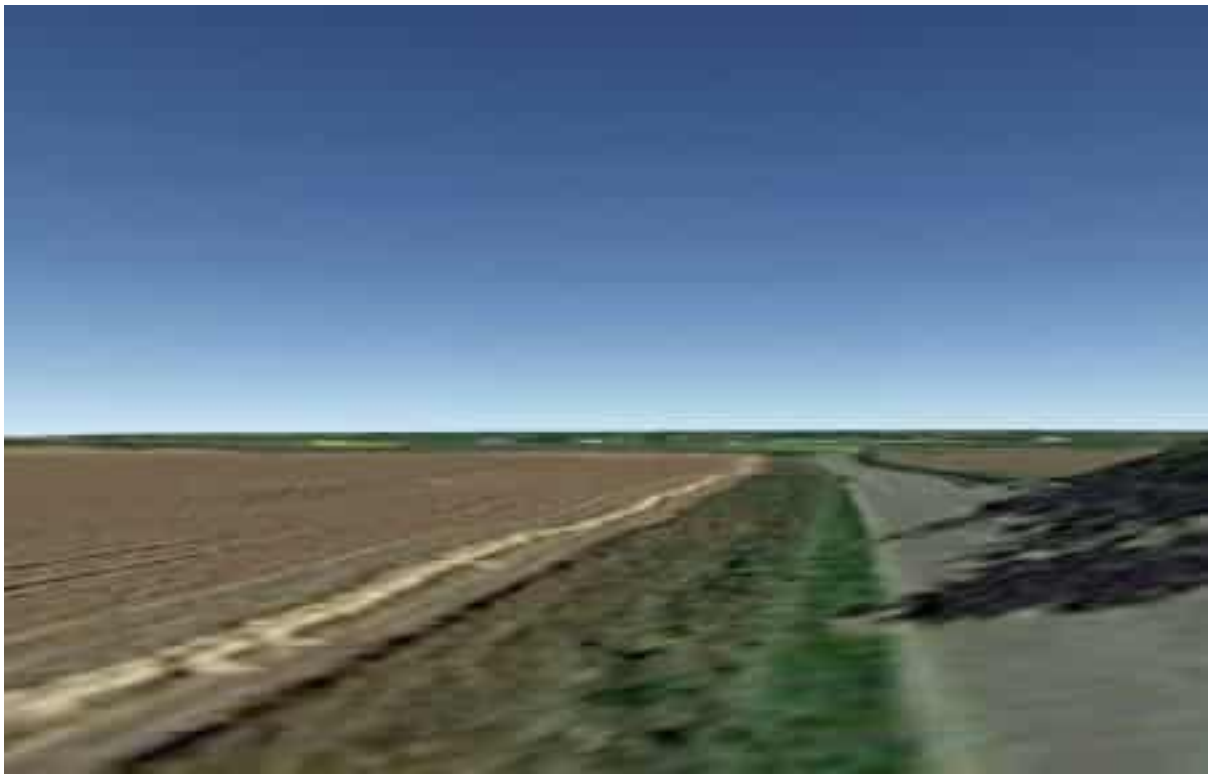
Receptor 102 (Group B Receptor 22)



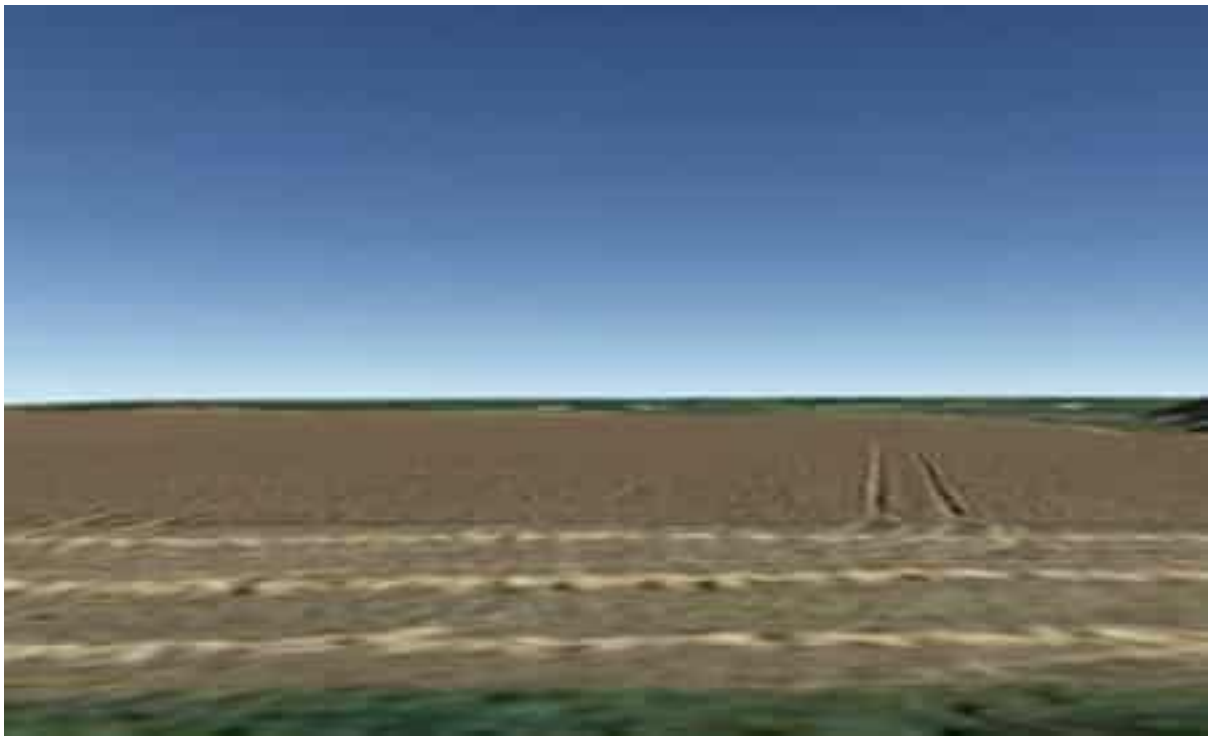
Receptor 103 (Group B Receptor 23)



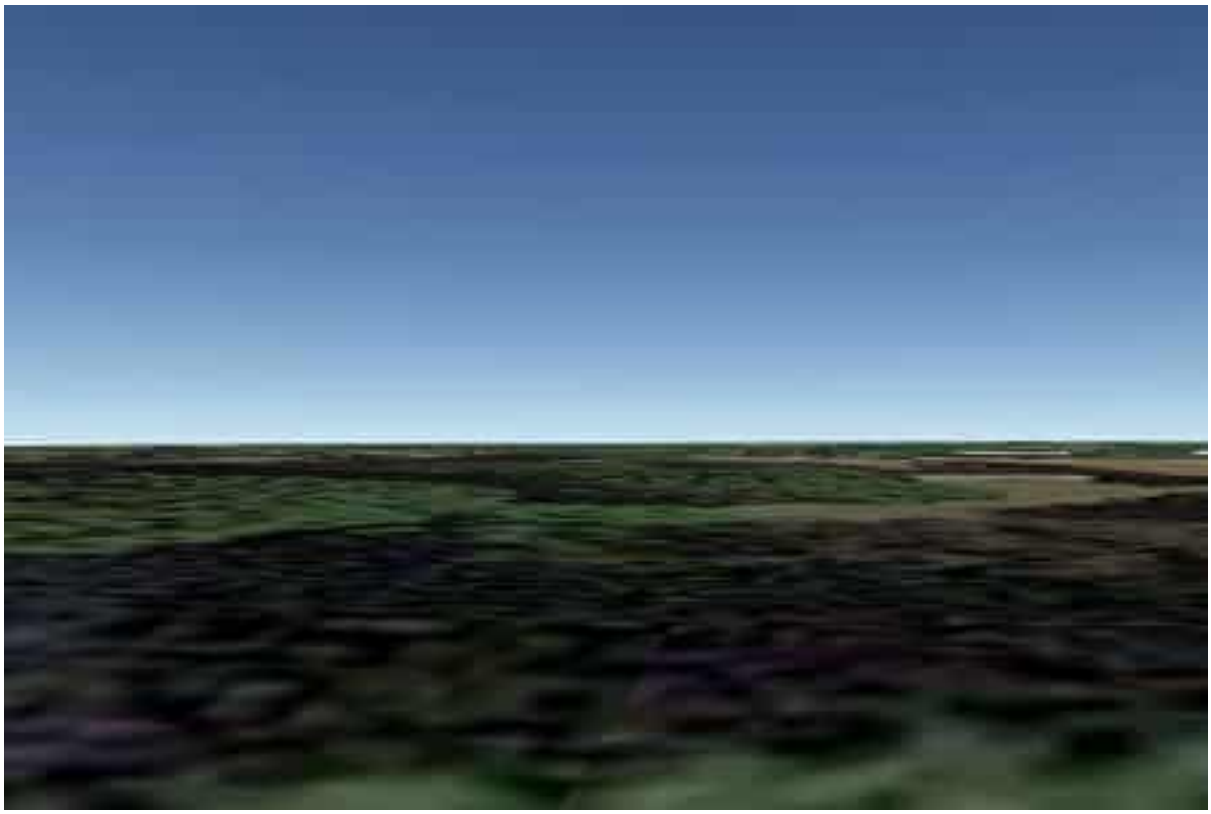
Receptor 104 (Group B Receptor 24)



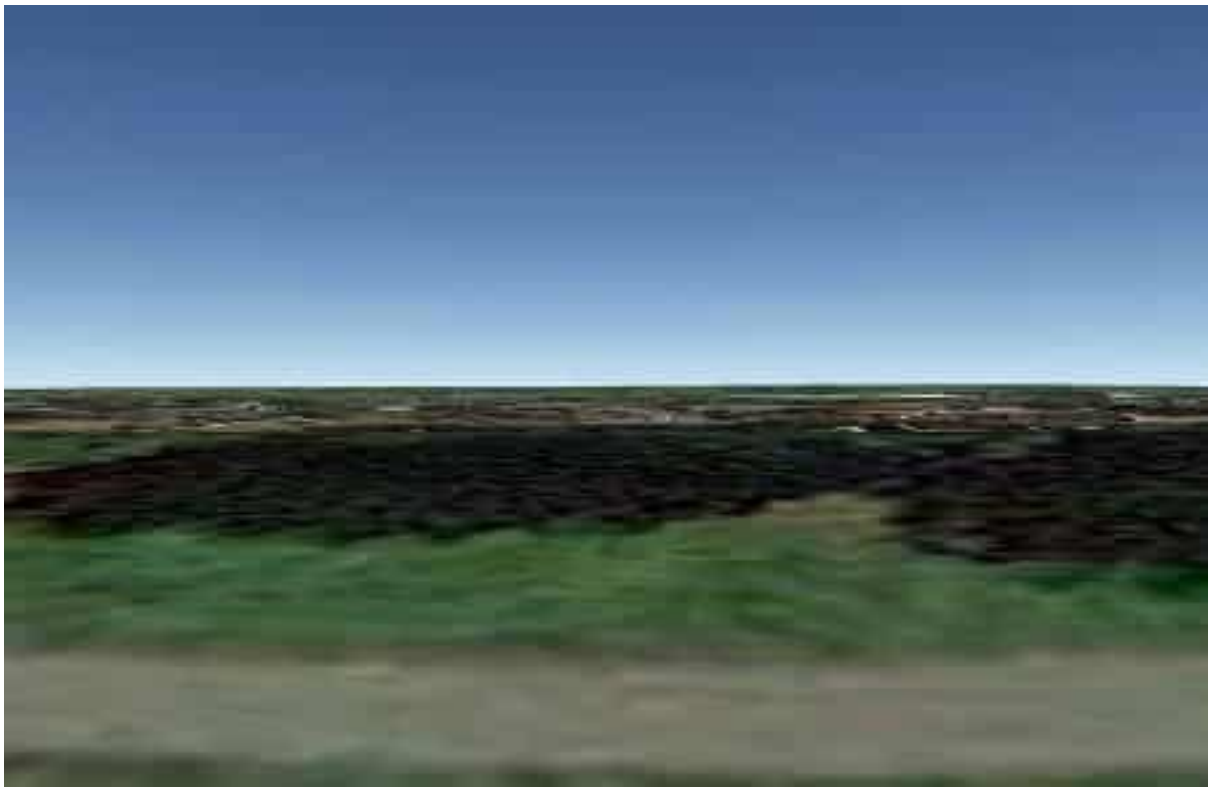
Receptor 105 (Group B Receptor 25)



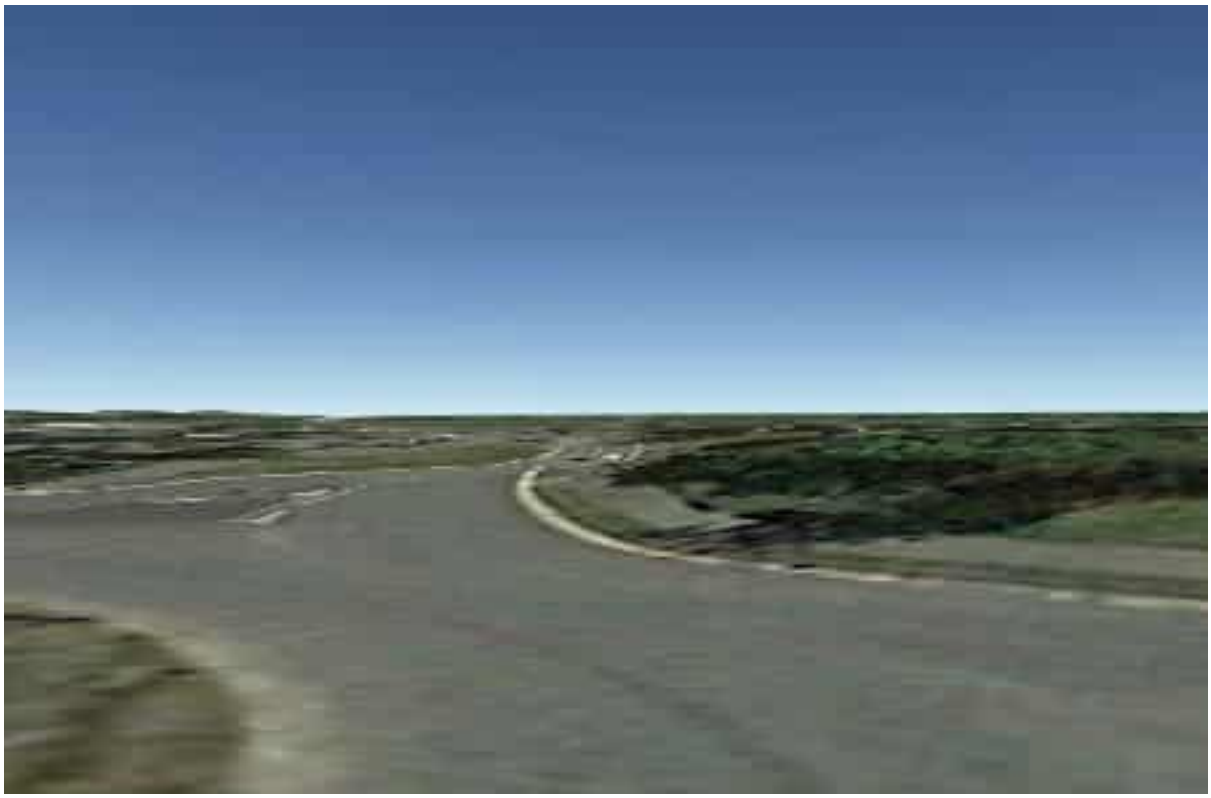
Receptor 106 (Group B Receptor 26)



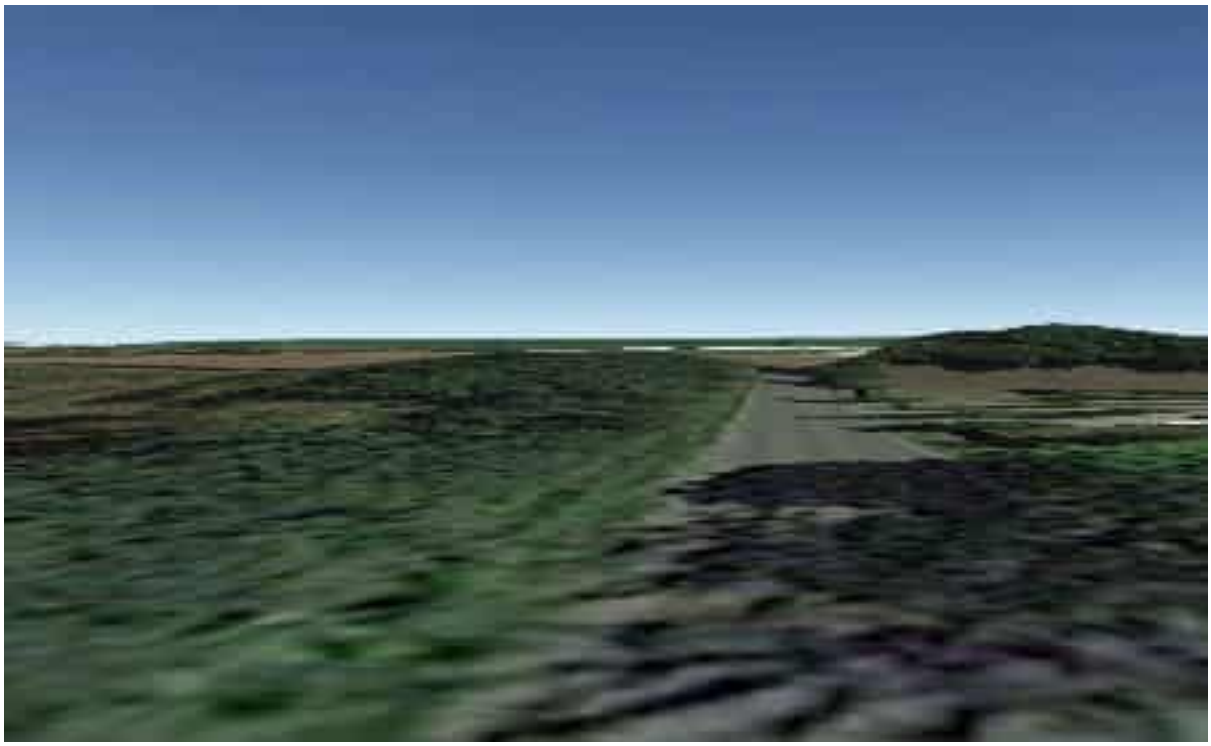
Receptor 107 (Group B Receptor 27)



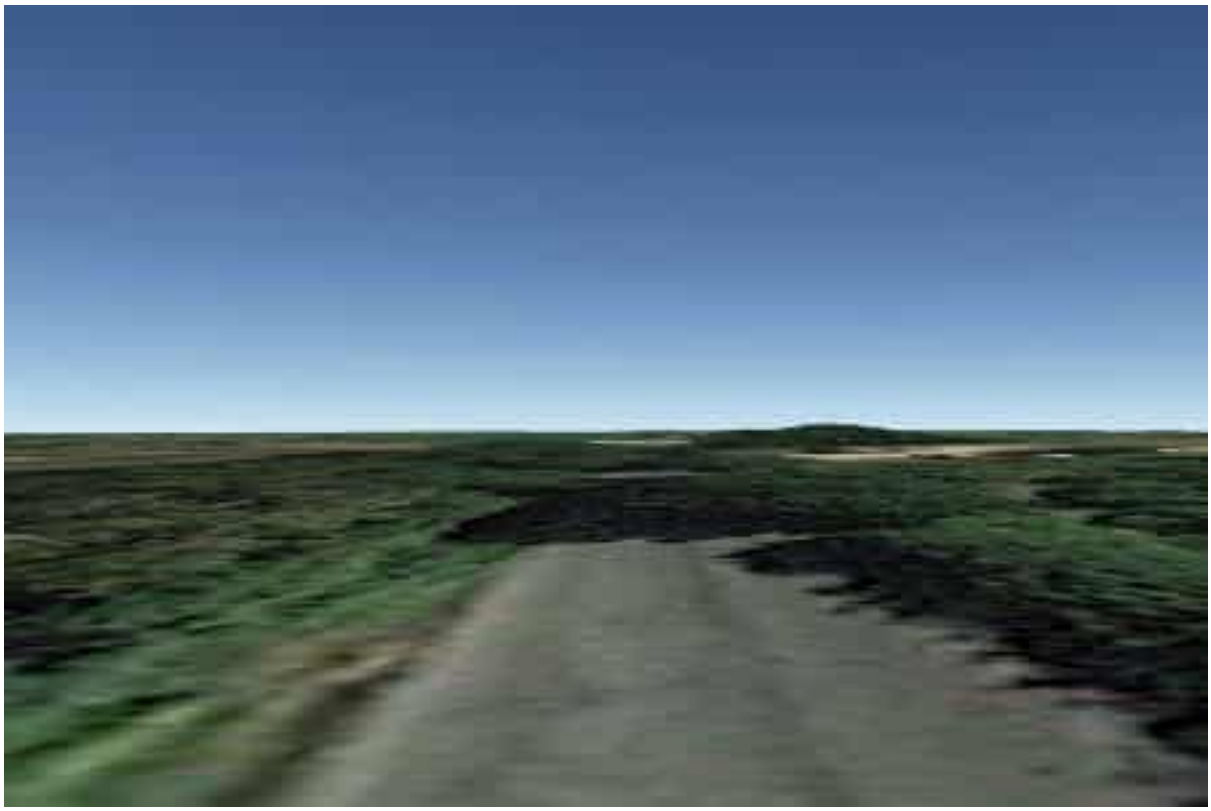
Receptor 108 (Group B Receptor 28)



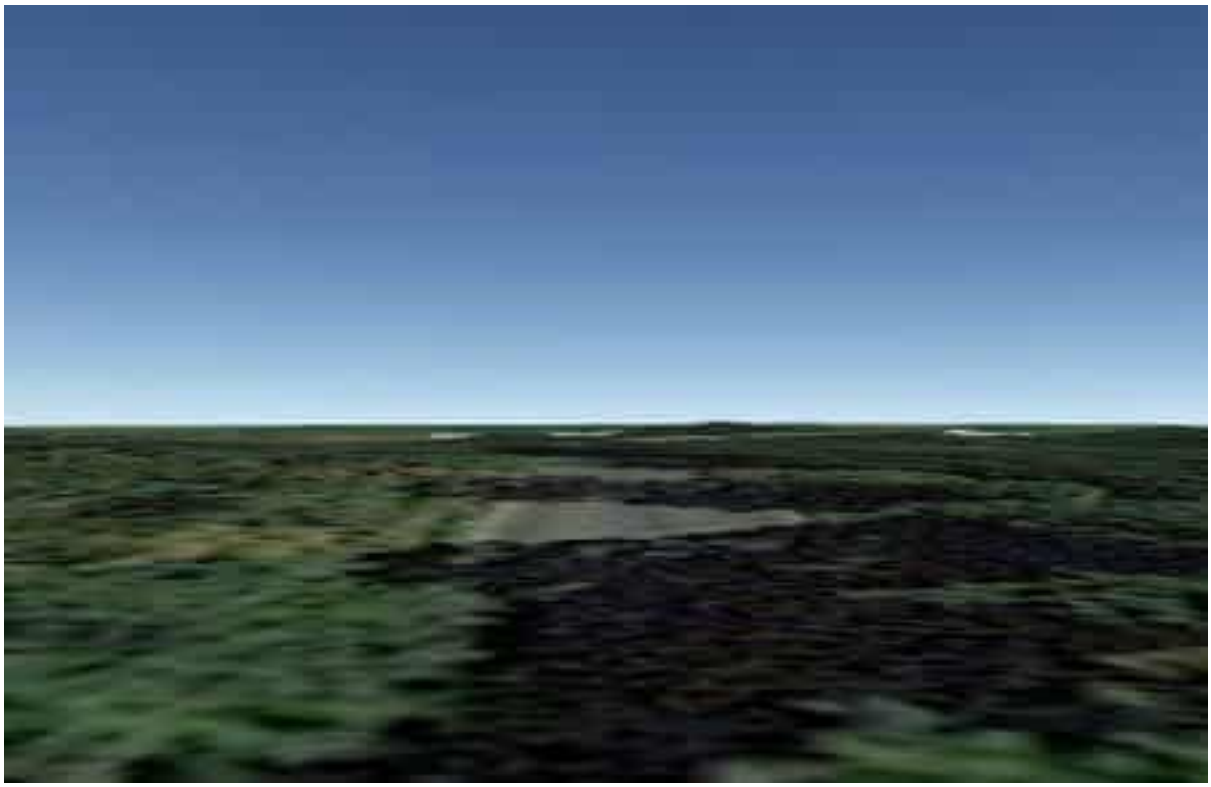
Receptor 109 (Group B Receptor 29)



Receptor 110 (Group B Receptor 30)

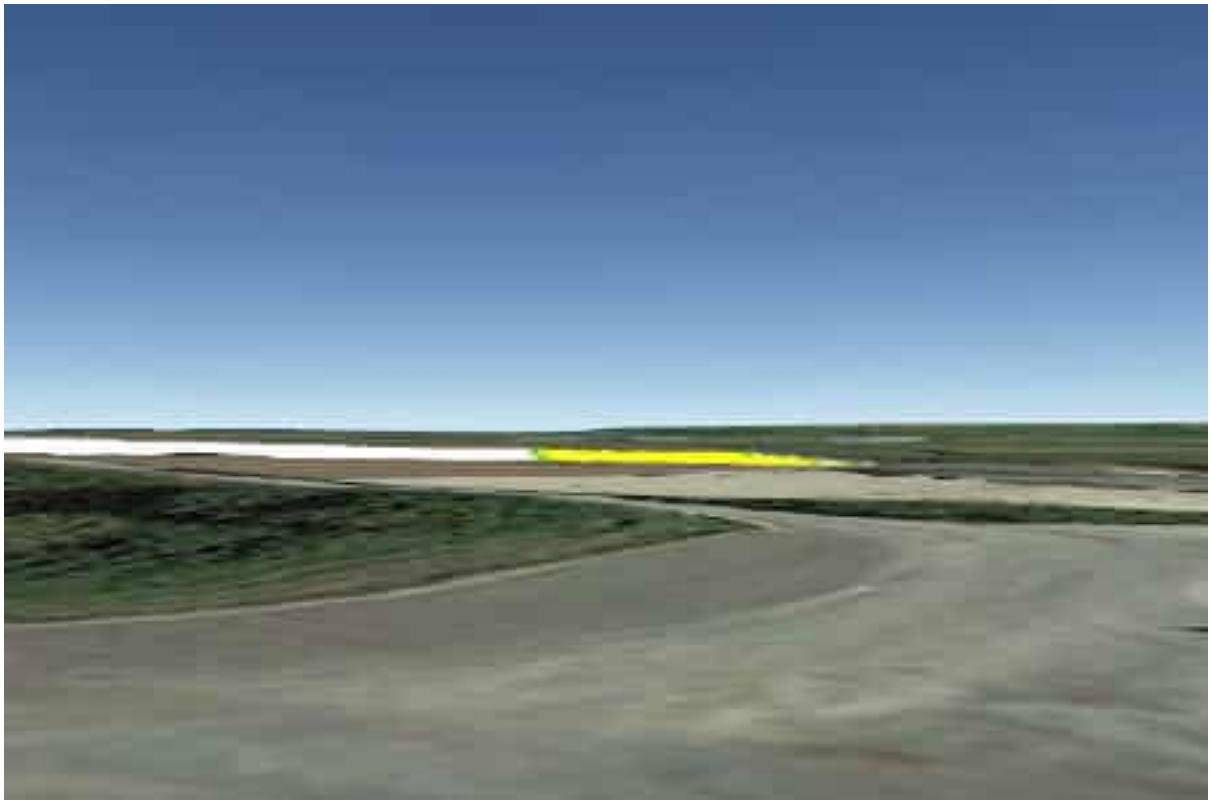


Receptor 111 (Group B Receptor 31)

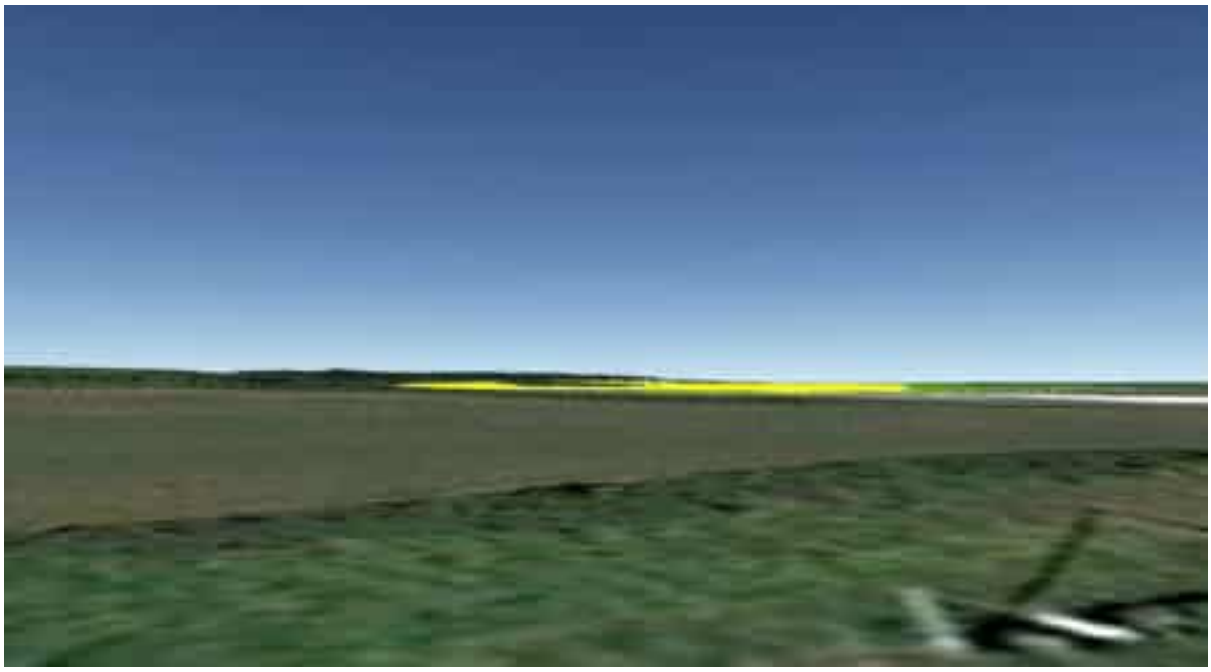


Receptor 112 (Group B Receptor 32)

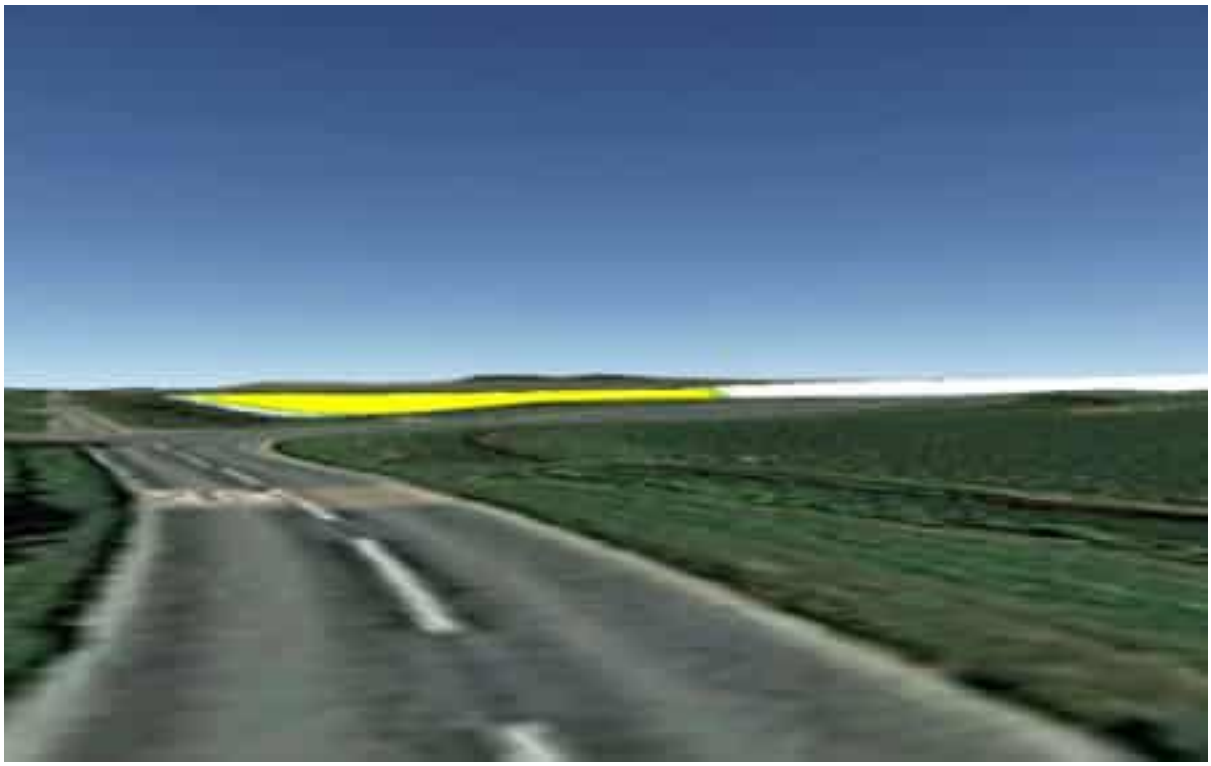
Looking East



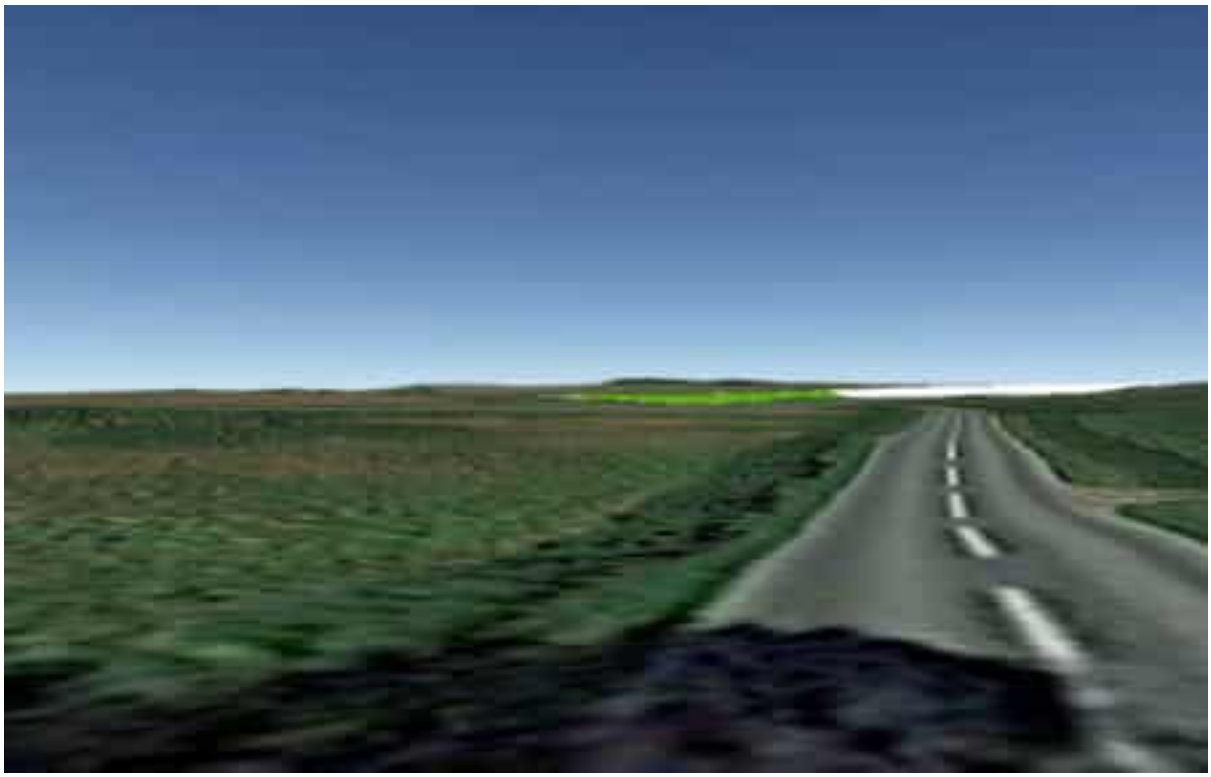
Looking West



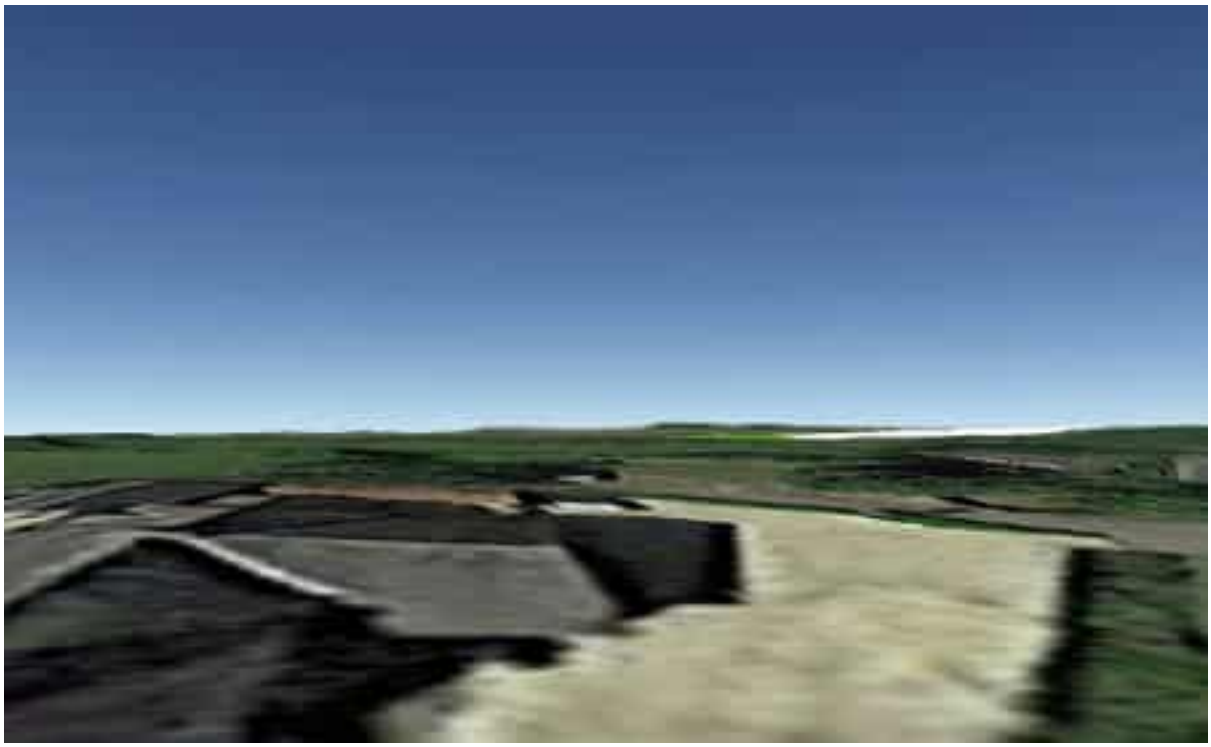
Receptor 113 (Group B Receptor 33)



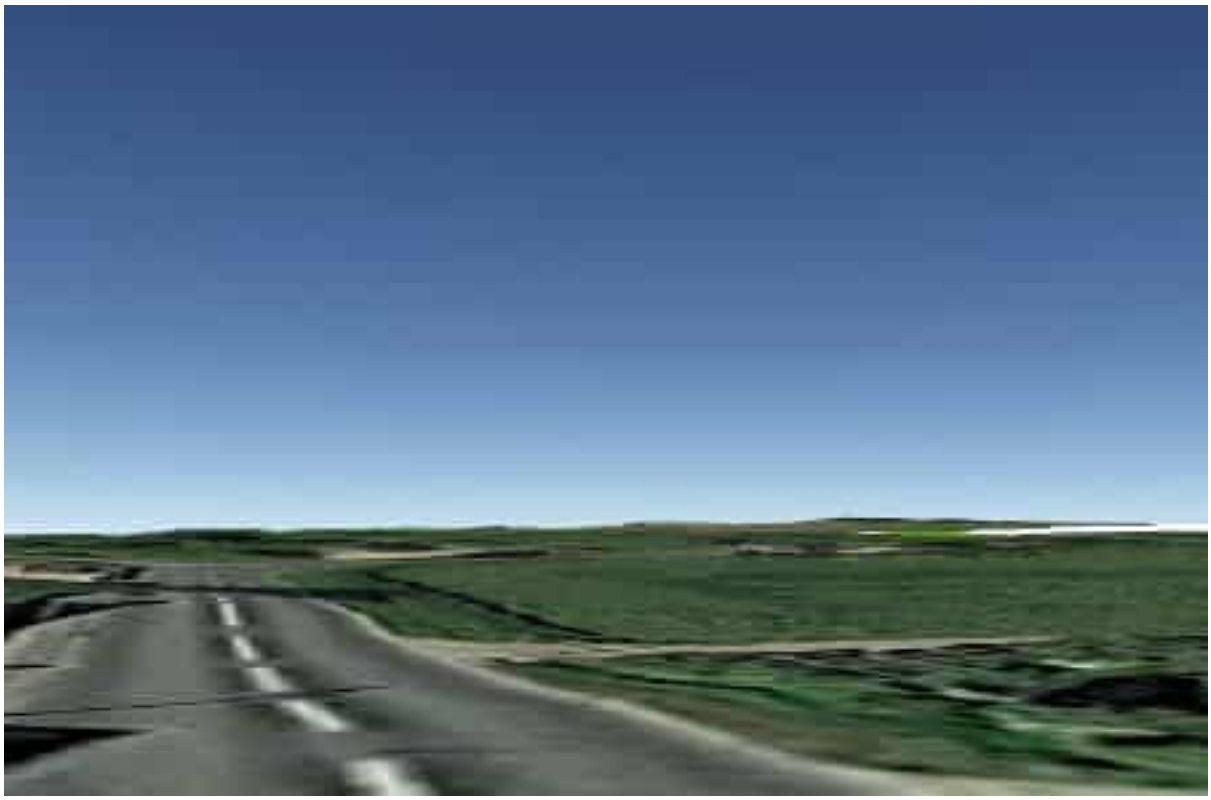
Receptor 114 (Group B Receptor 34)



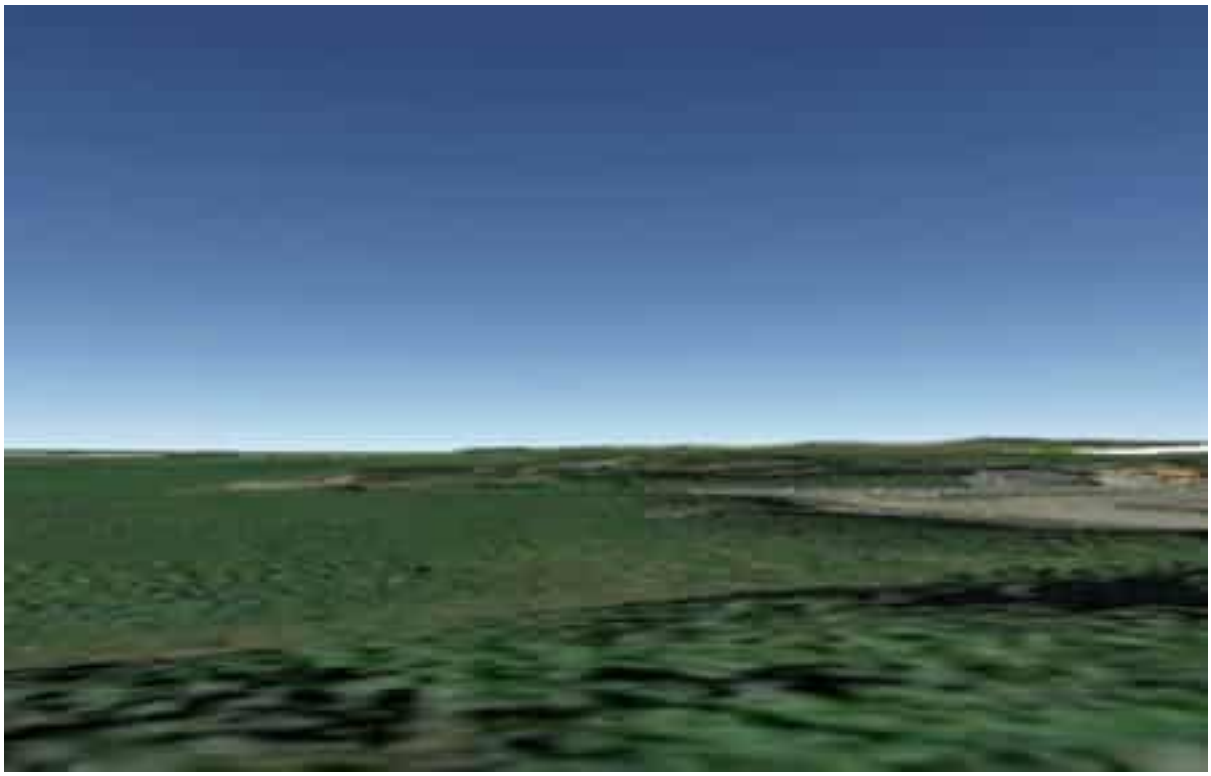
Receptor 115 (Group B Receptor 35)



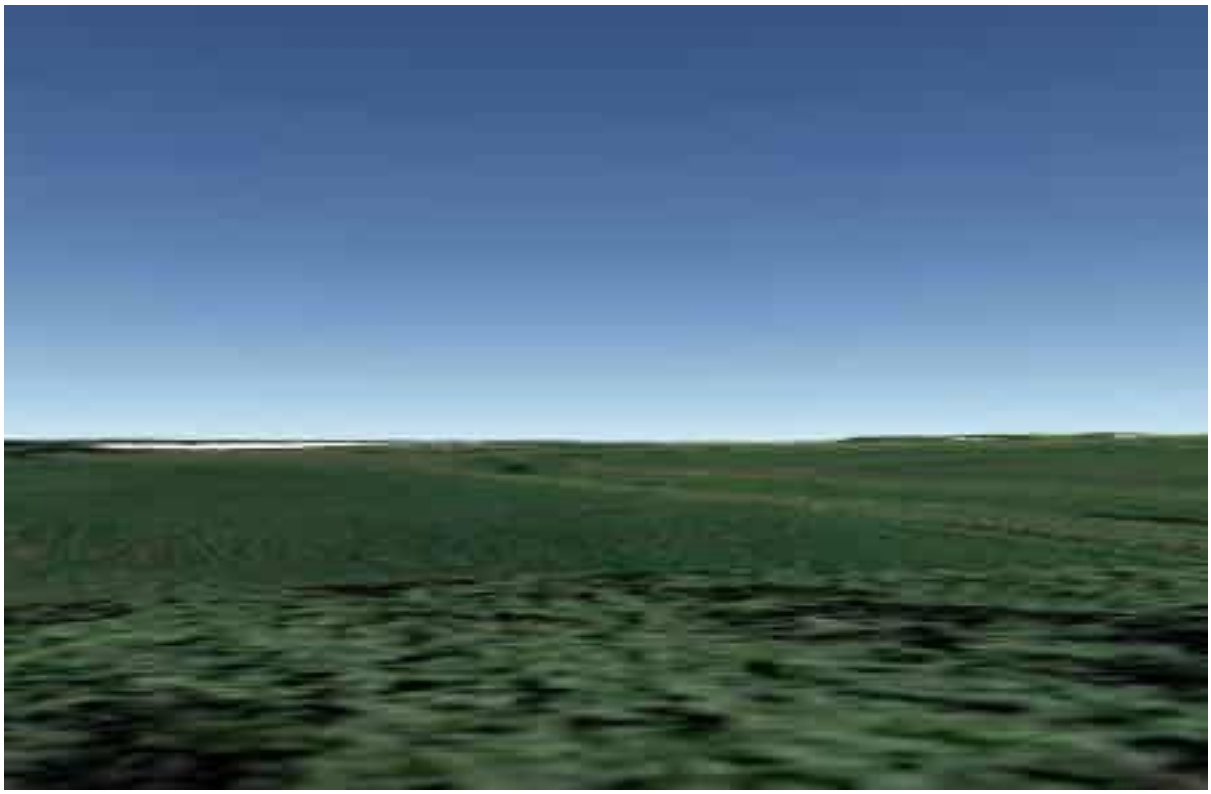
Receptor 116 (Group B Receptor 36)



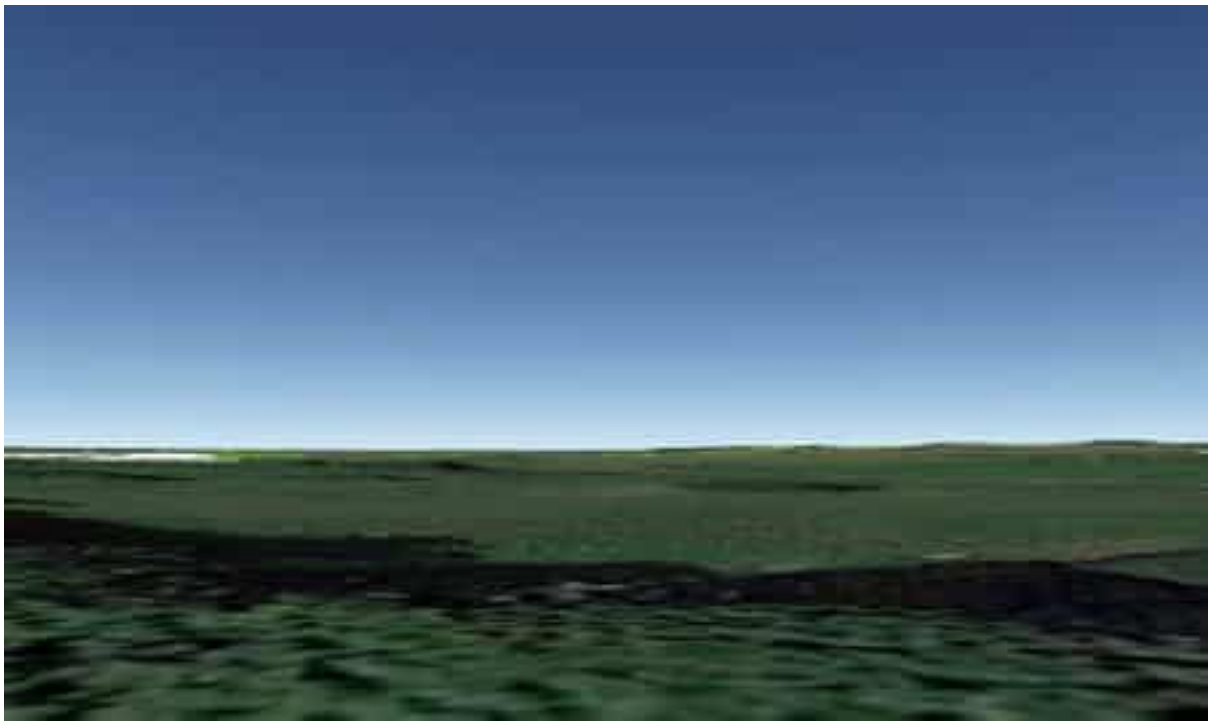
Receptor 117 (Group B Receptor 37)



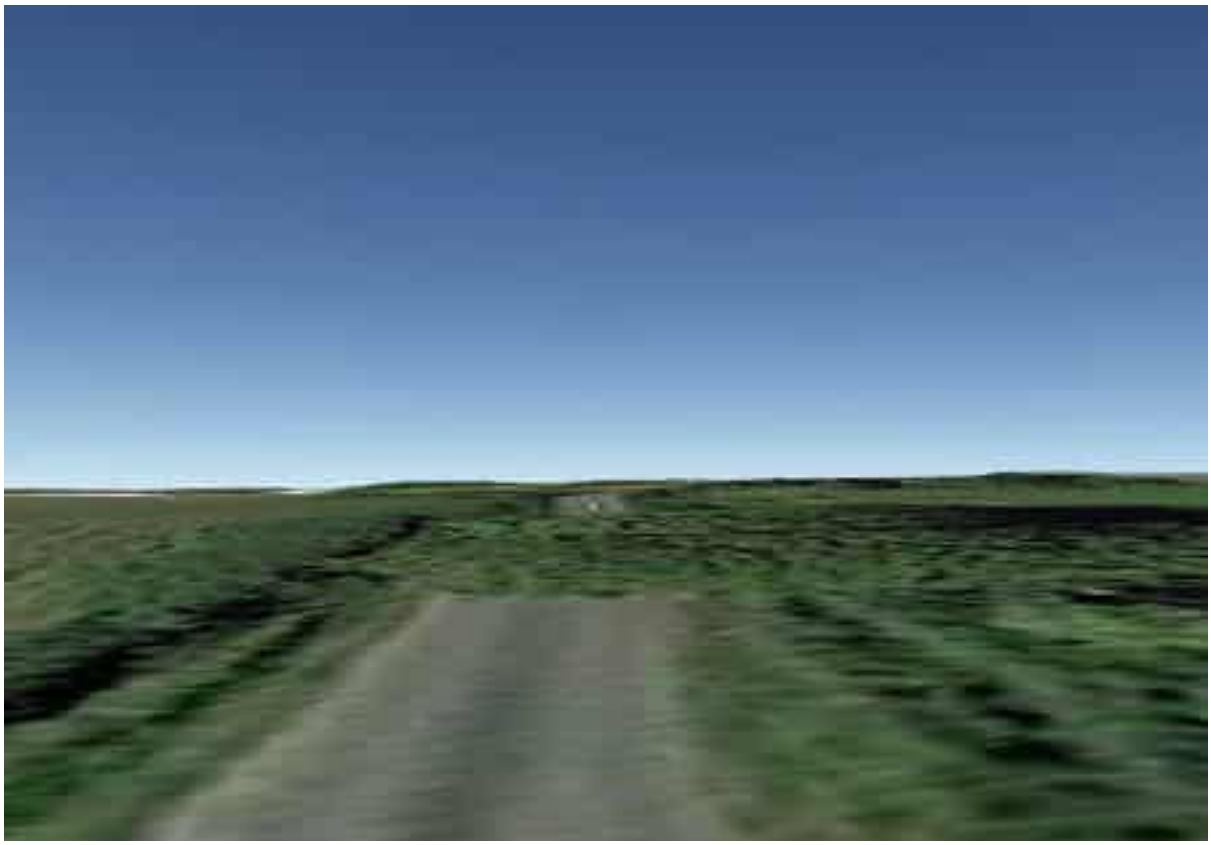
Receptor 118 (Group B Receptor 38)



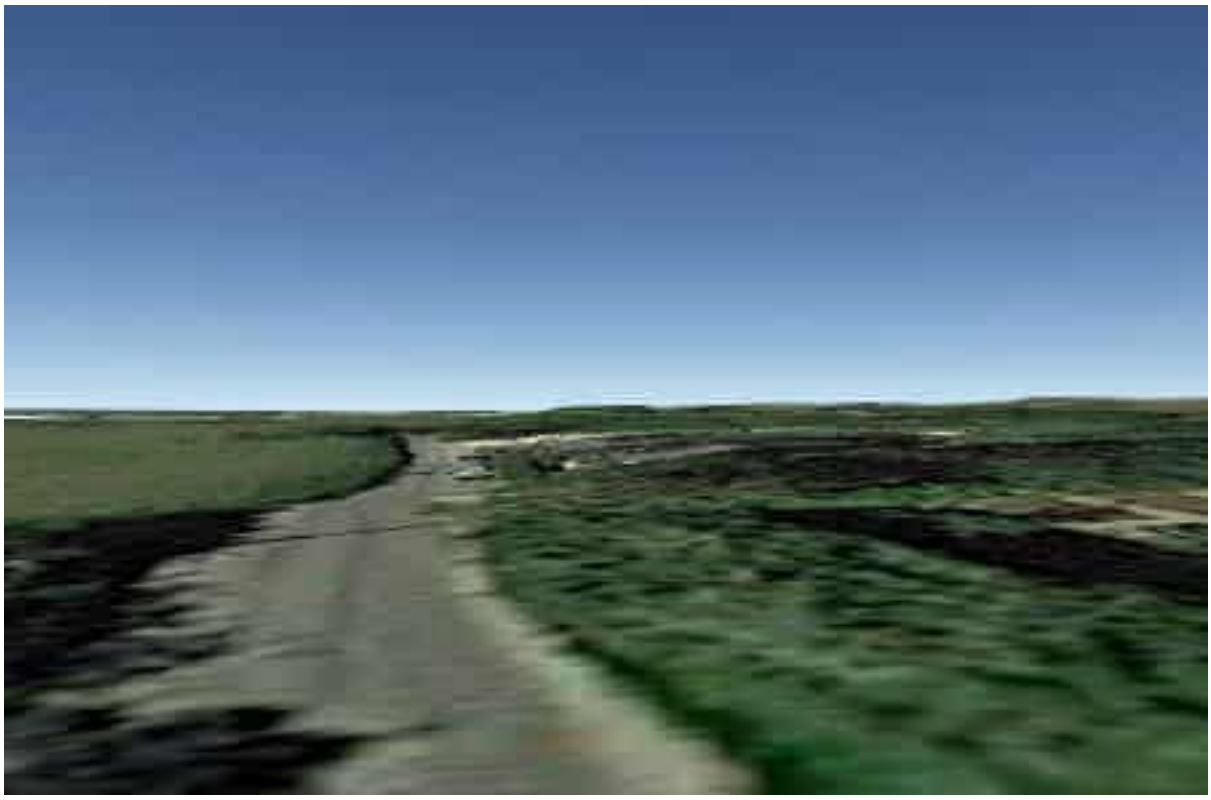
Receptor 119 (Group B Receptor 39)



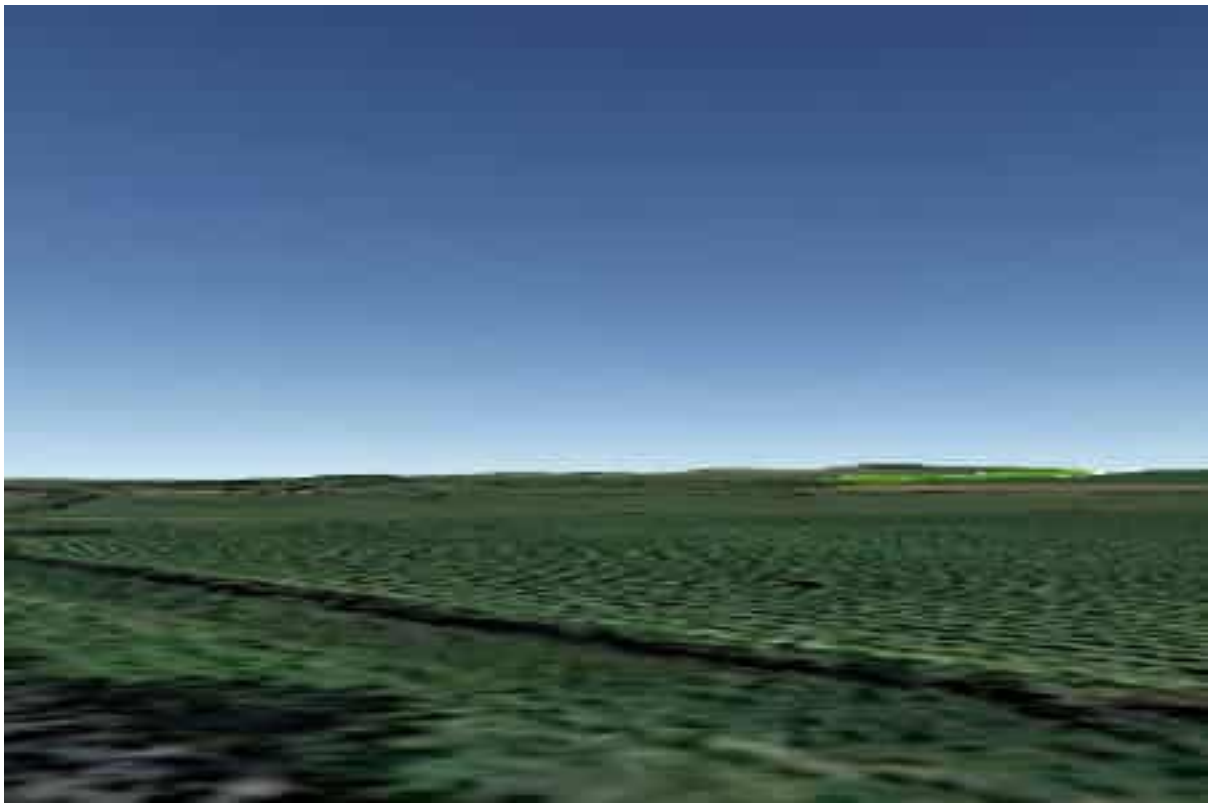
Receptor 120 (Group B Receptor 40)



Receptor 121 (Group B Receptor 41)

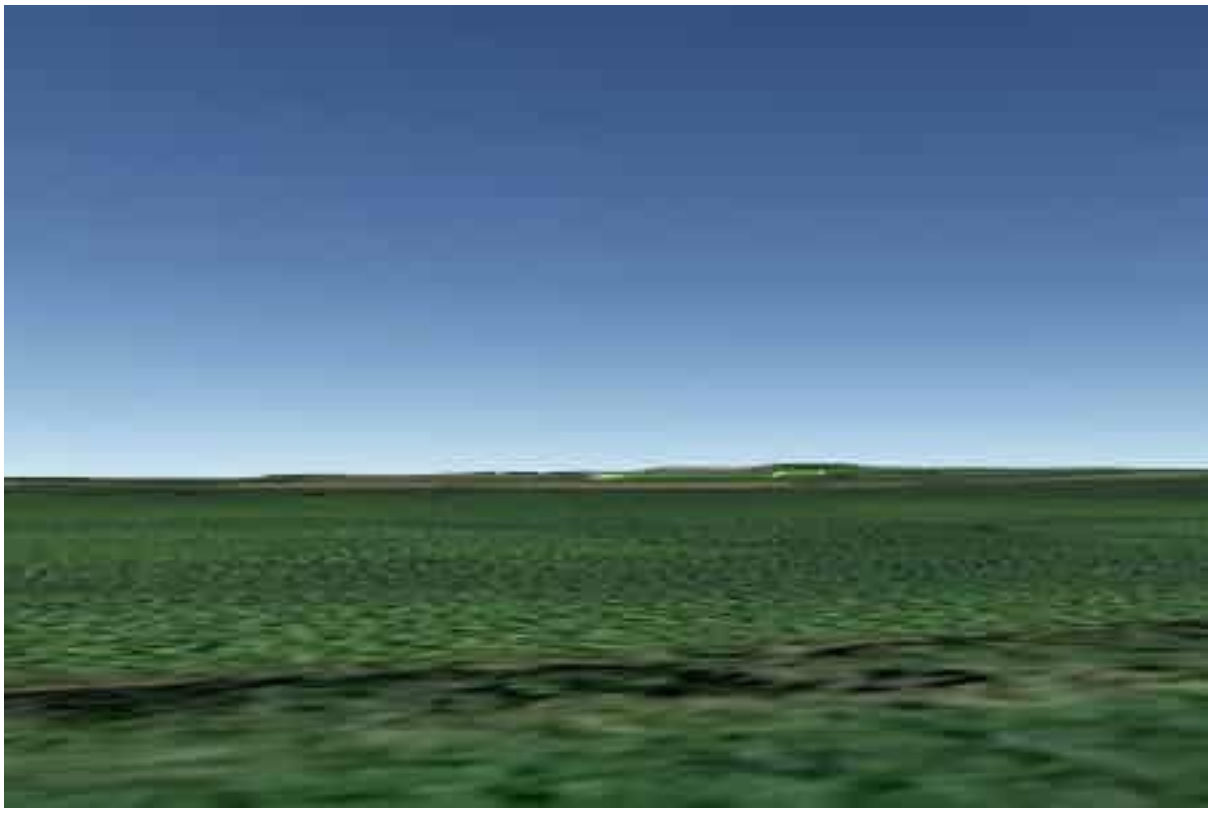


Receptor 122 (Group B Receptor 42)

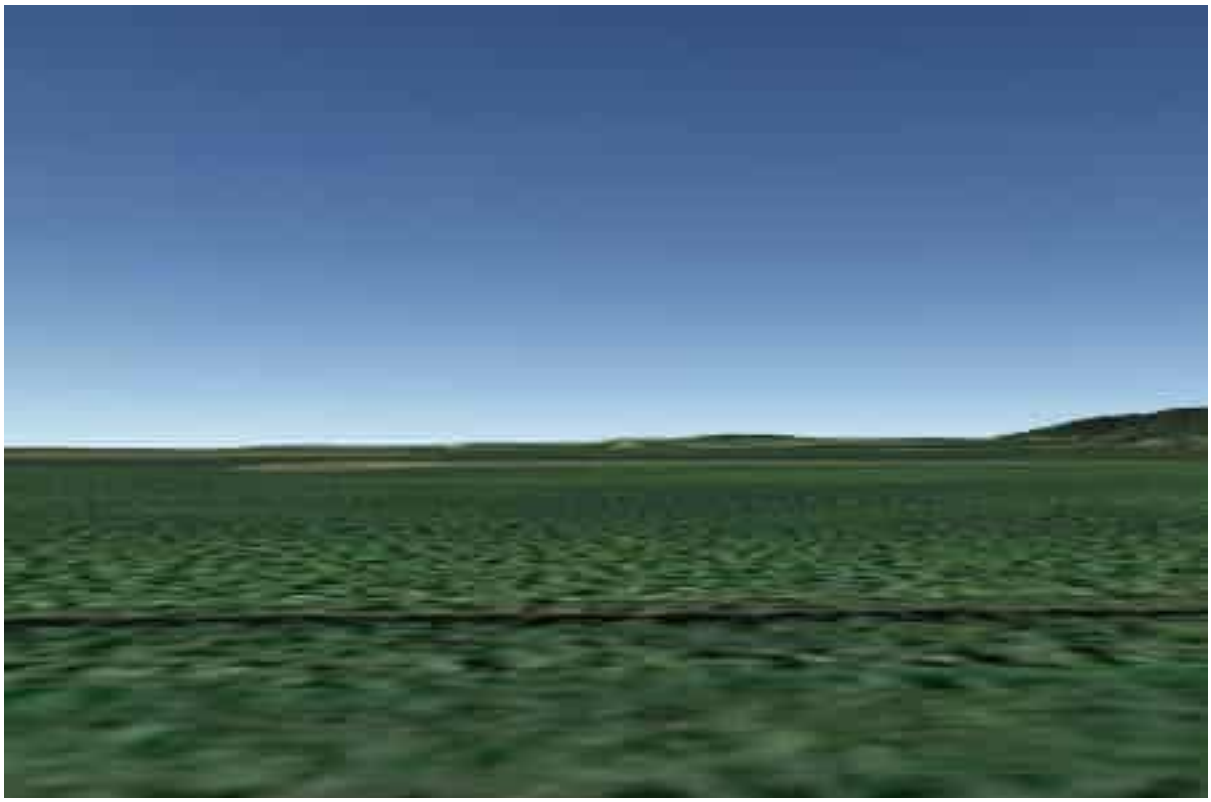


Receptor 123 (Group B Receptor 43)

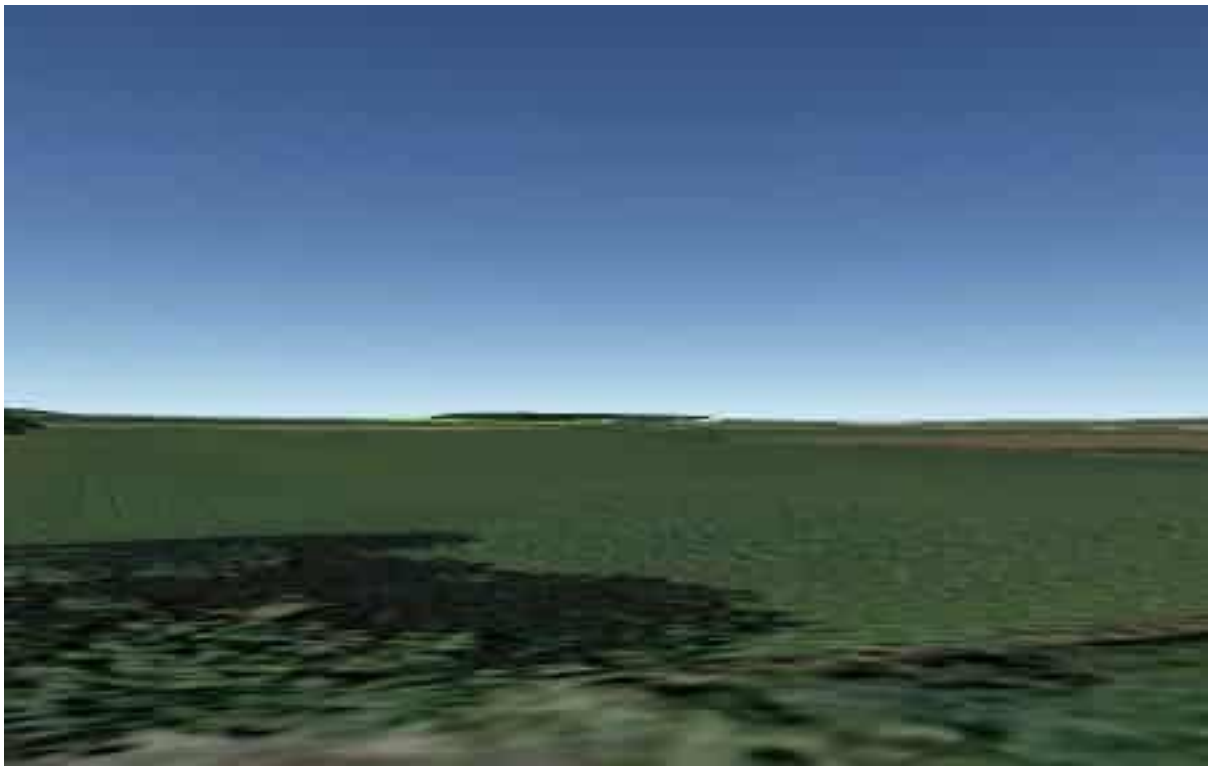
Receptor 124 (Group B Receptor 44)



Receptor 125 (Group B Receptor 45)

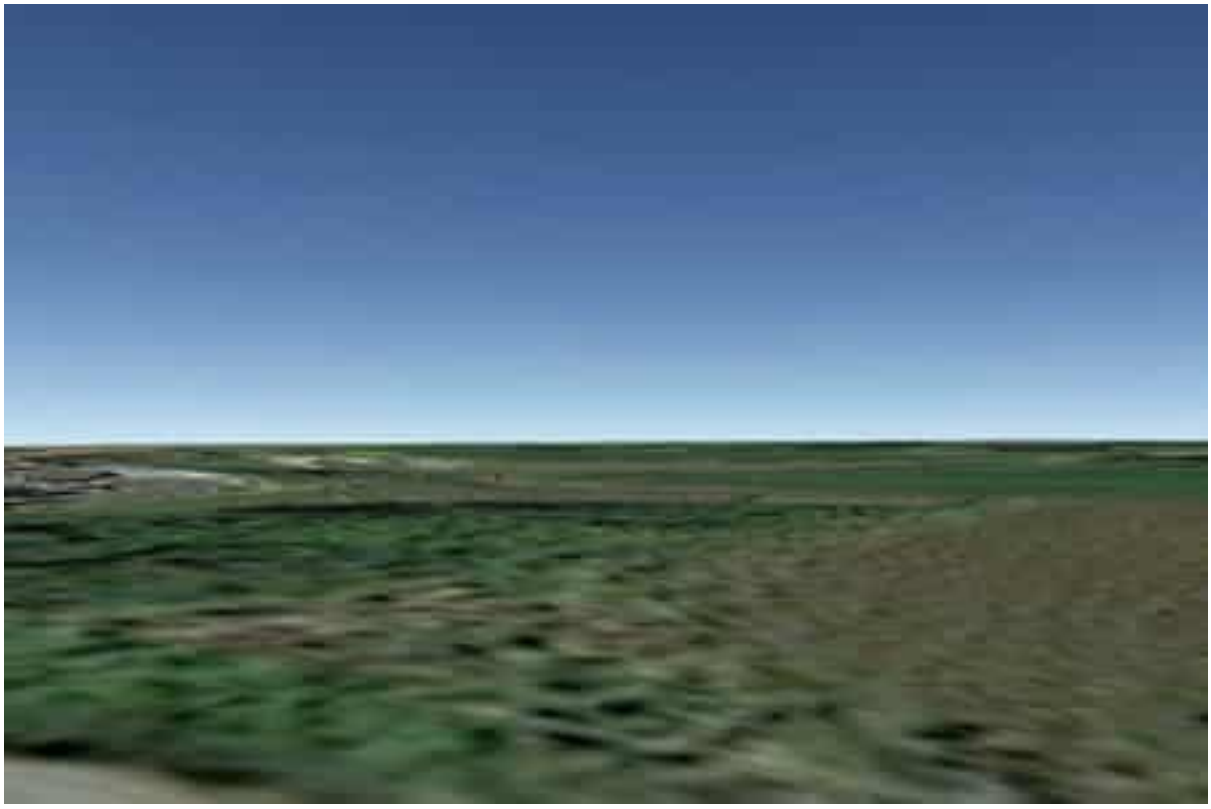


Receptor 126 (Group B Receptor 46)

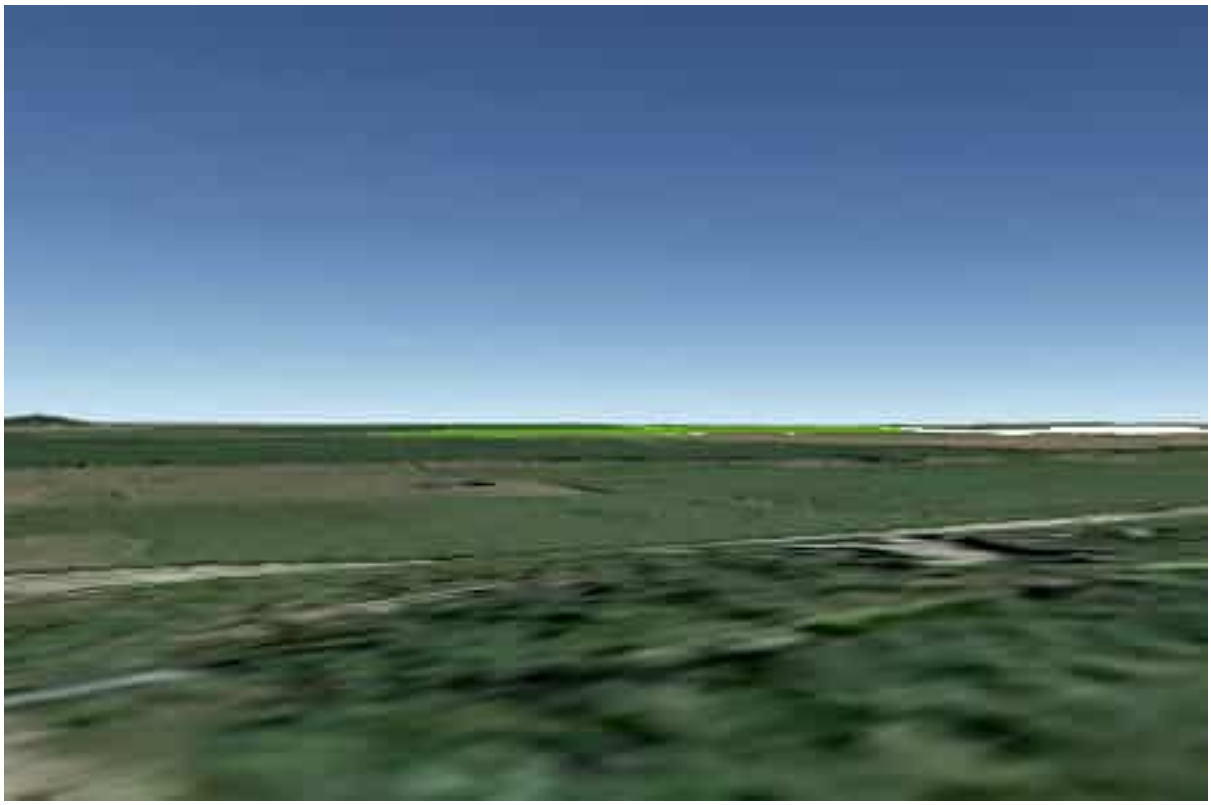


Receptor 127 (Group B Receptor 47)

Looking East

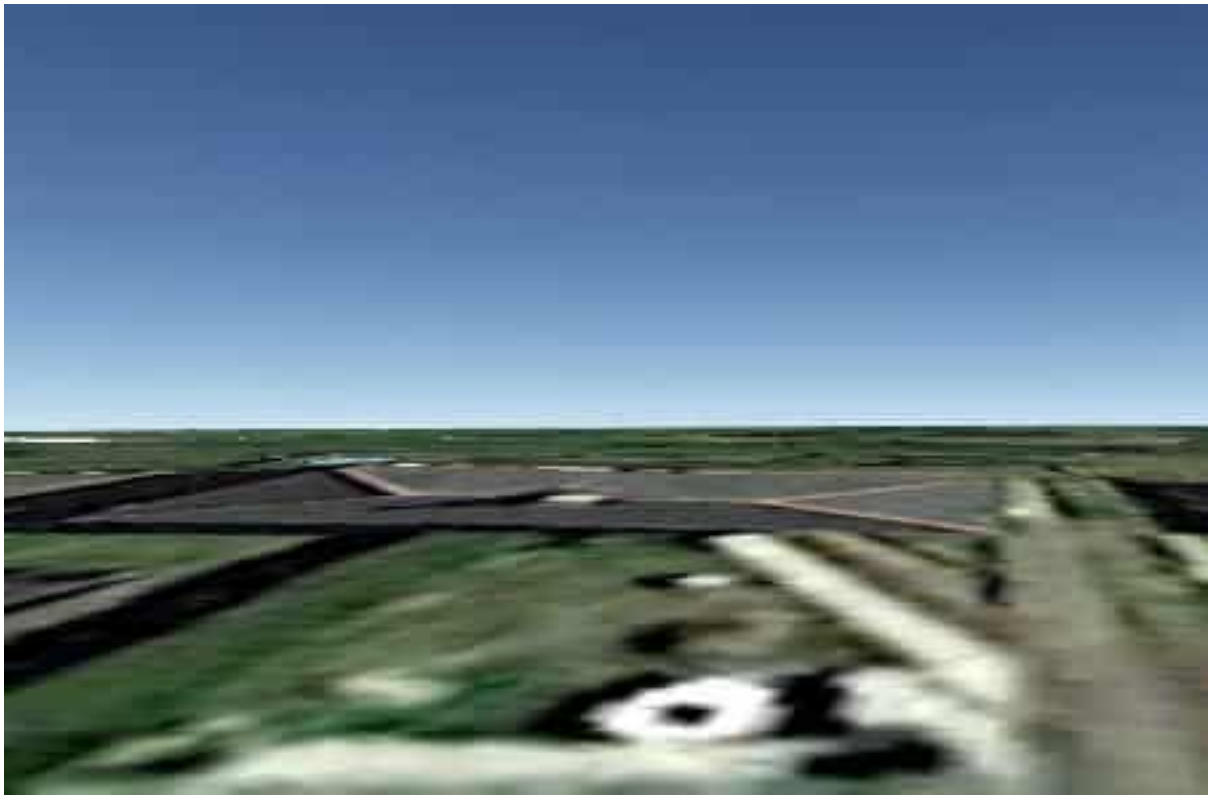


Looking West

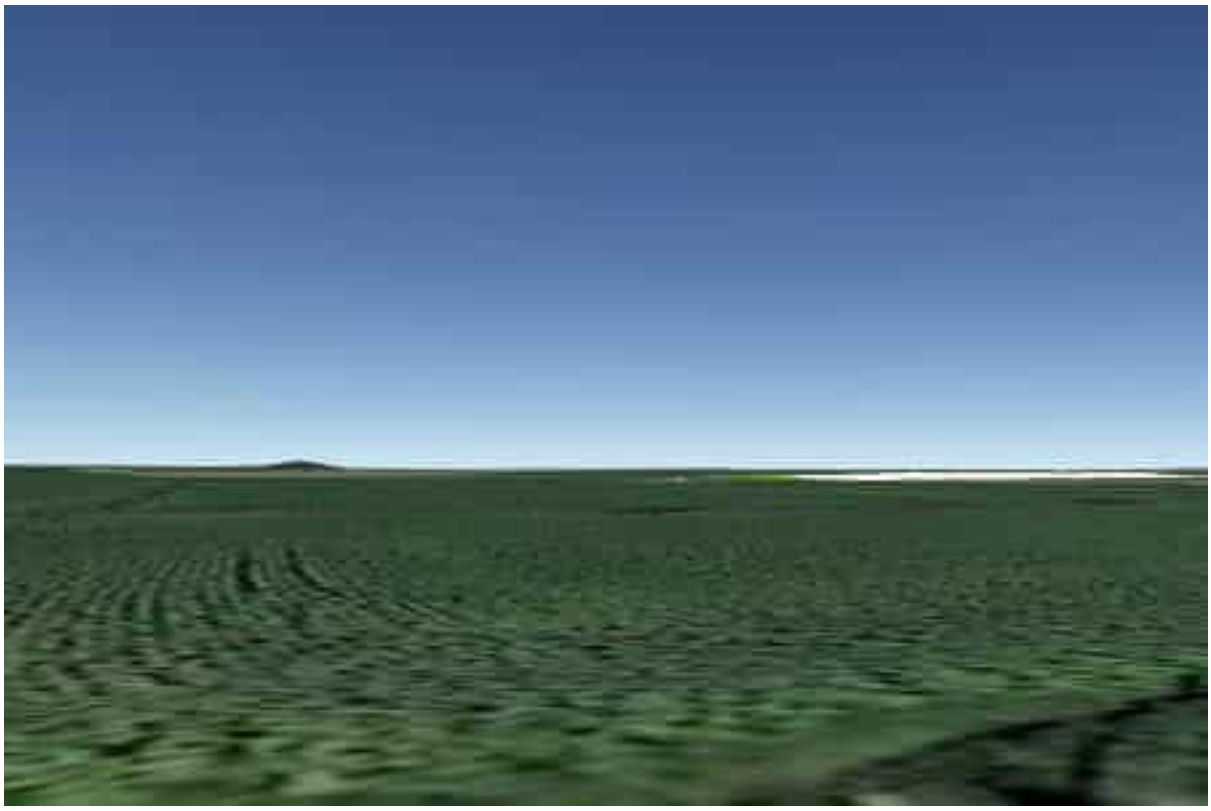


Receptor 128 (Group B Receptor 48)

Looking East



Looking West



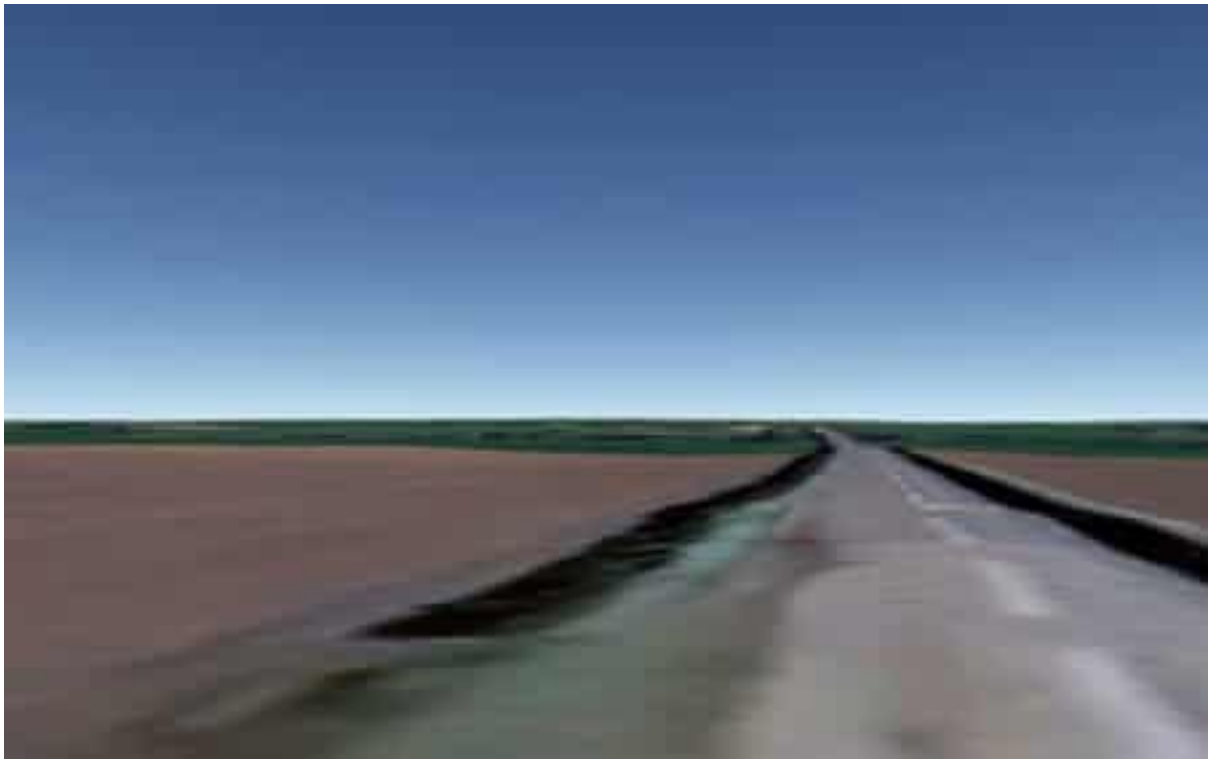
Receptor 129 (Group B Receptor 49)

Receptor 130 (Group B Receptor 50)

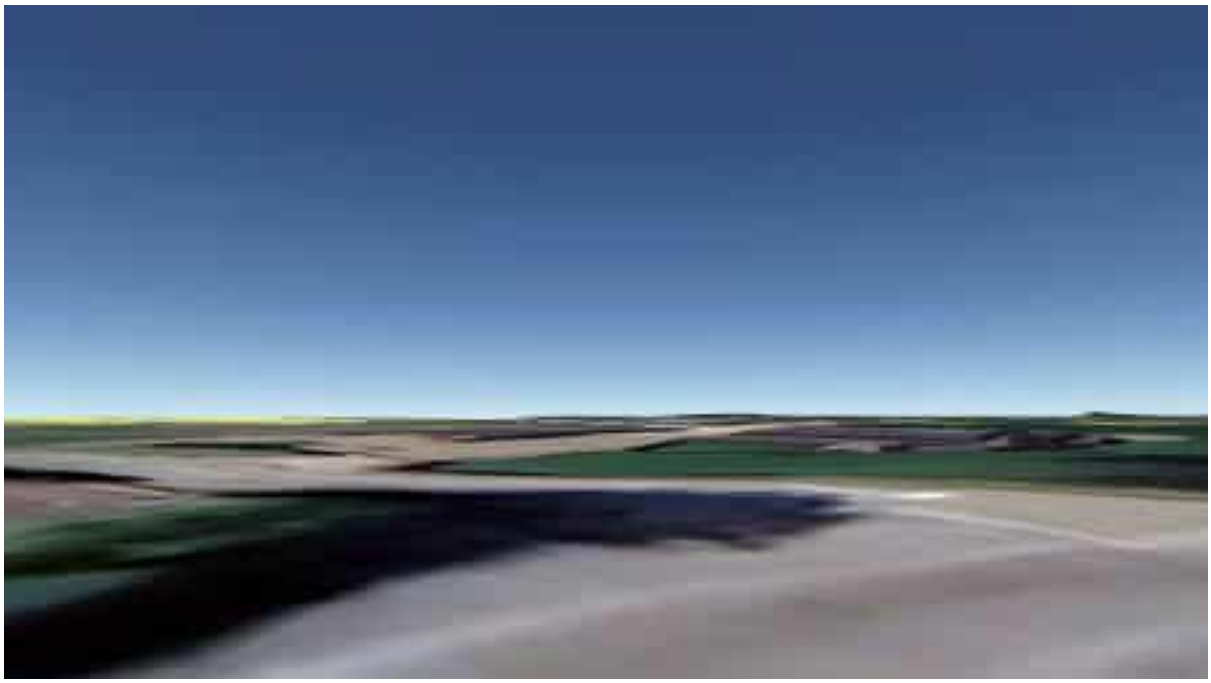
Looking South

Receptor 131 (Group B Receptor 51)

Looking East

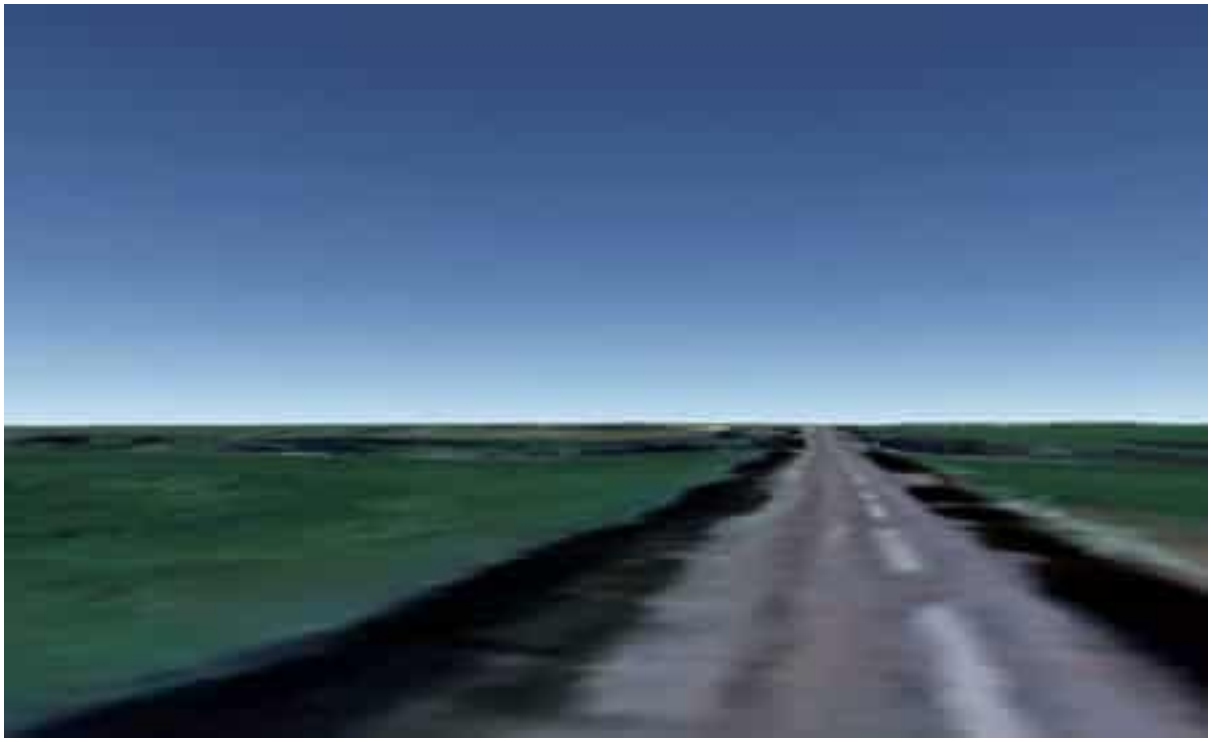


Looking West

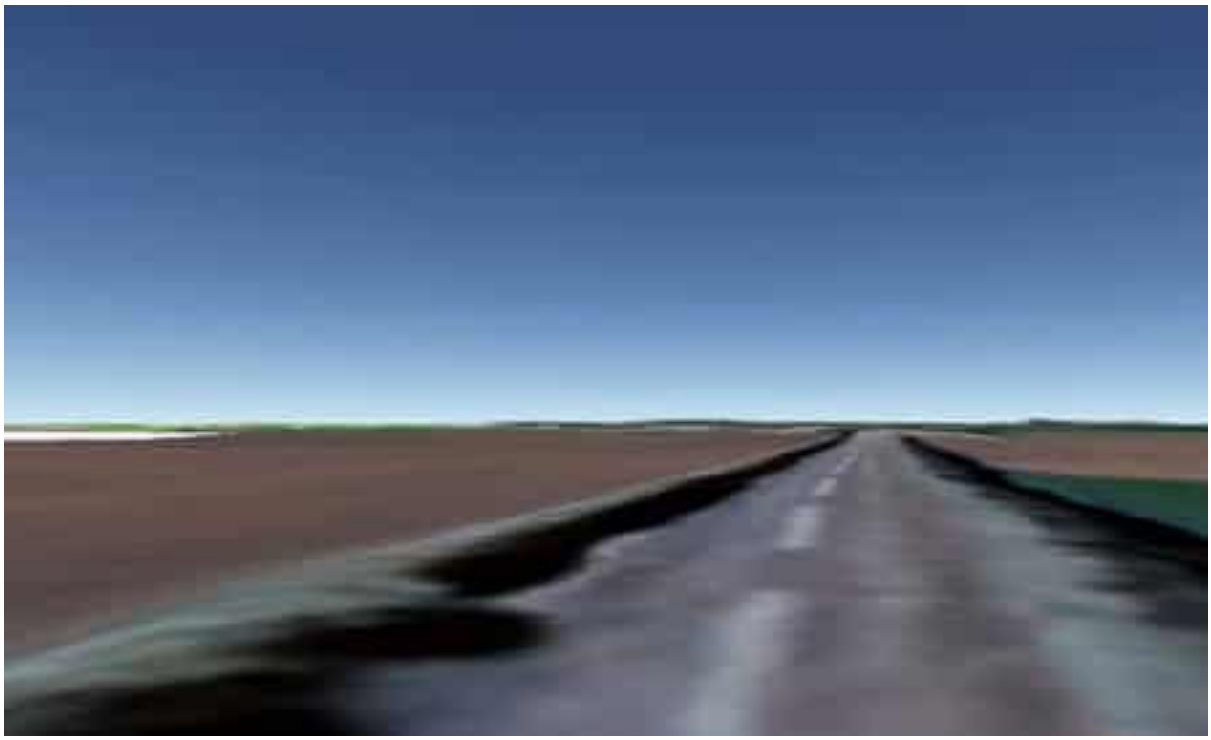


Receptor 132 (Group B Receptor 52)

Looking East

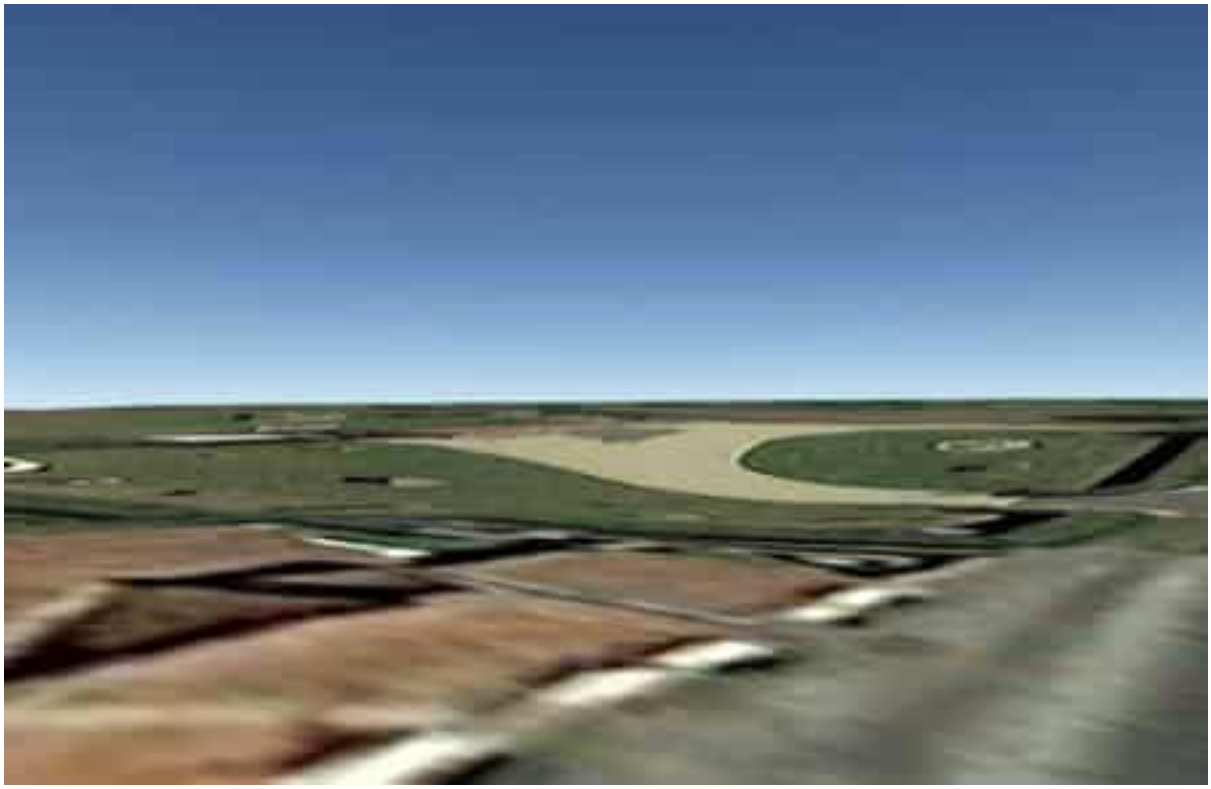


Looking West



Receptor 133 (Group B Receptor 53)

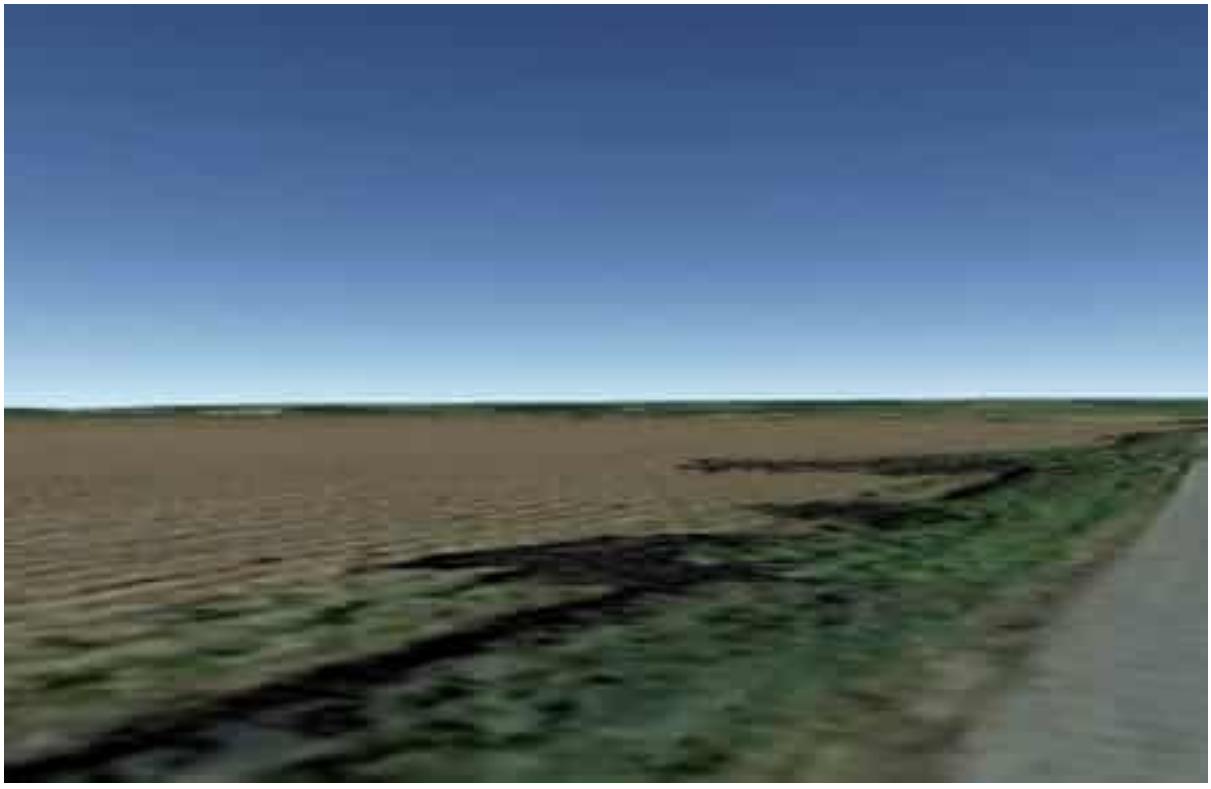
Looking East



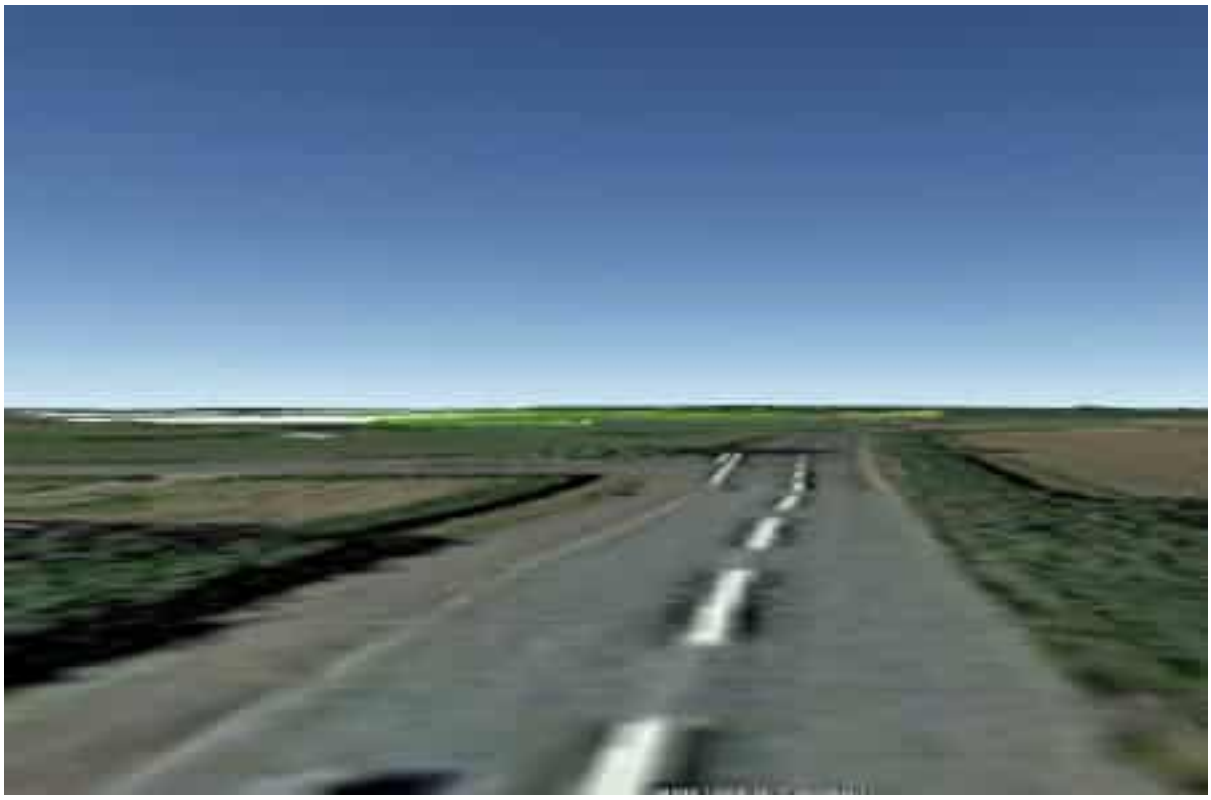
Looking West

Receptor 134 (Group B Receptor 54)

Looking East

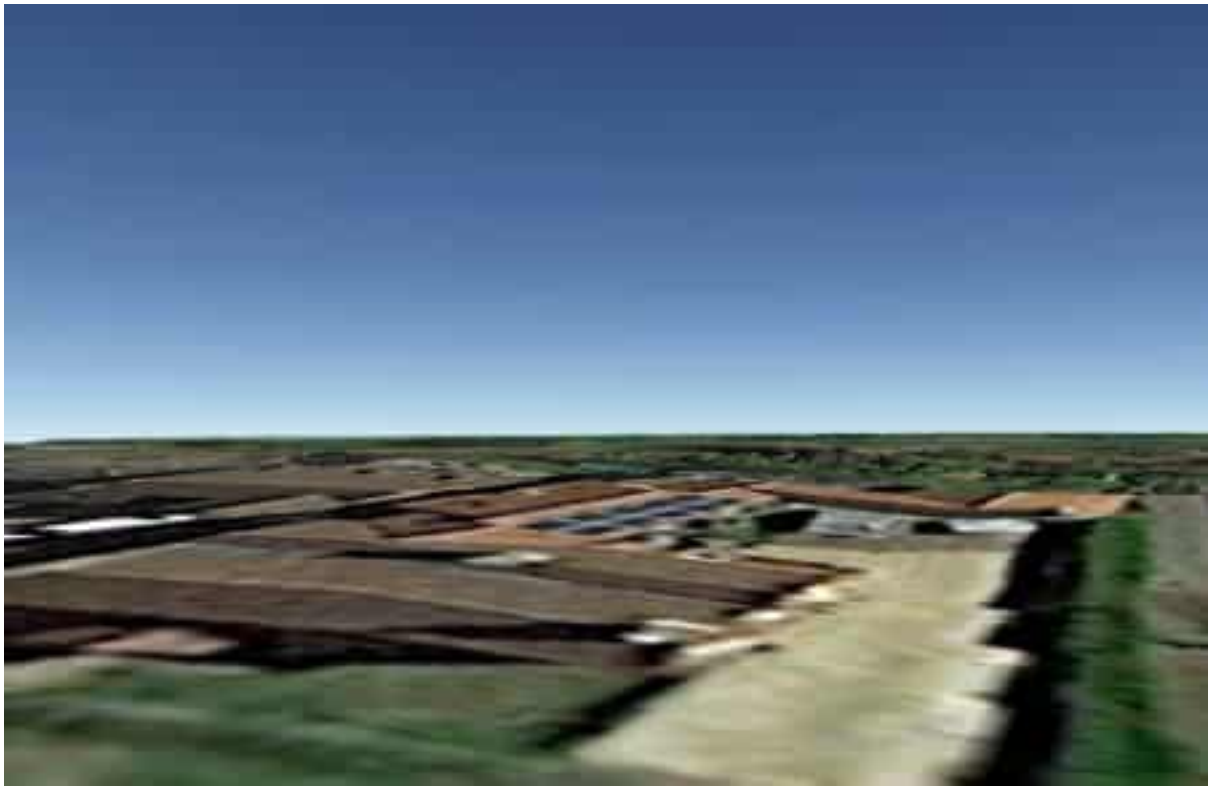


Looking West

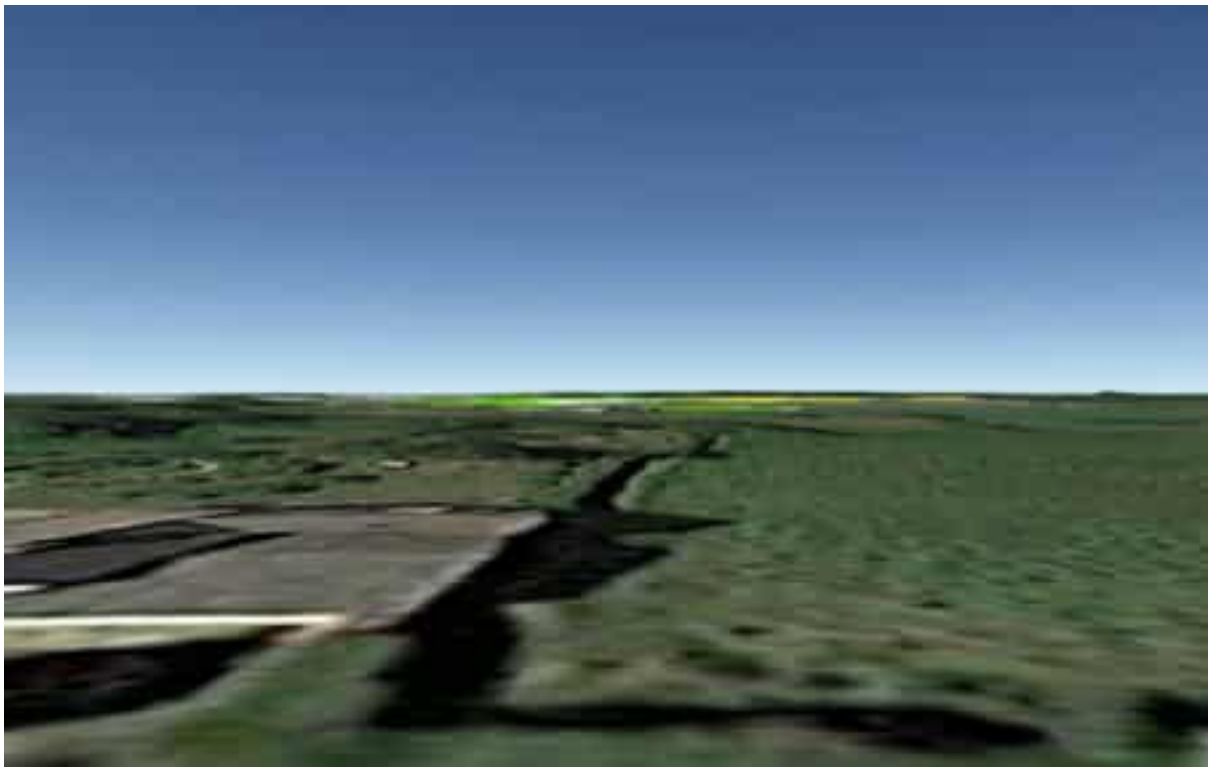


Receptor 135 (Group B Receptor 55)

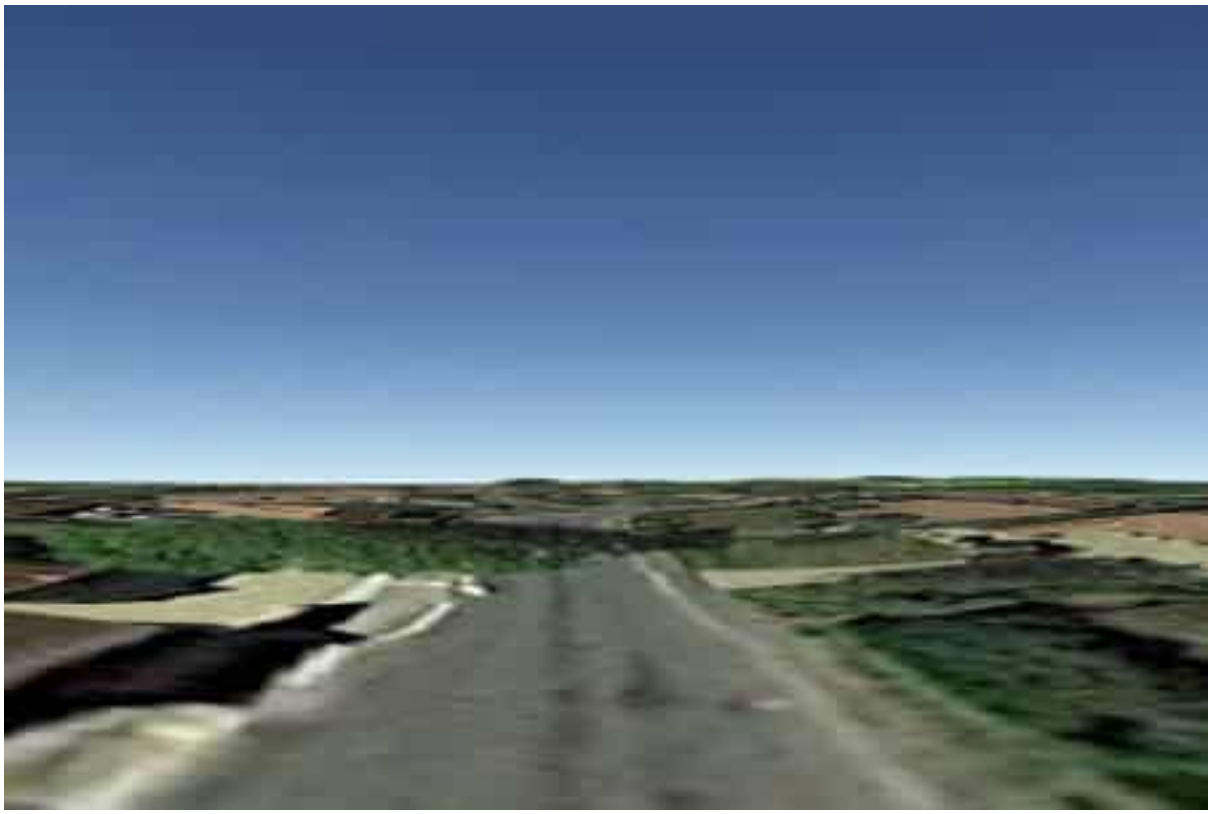
Looking East



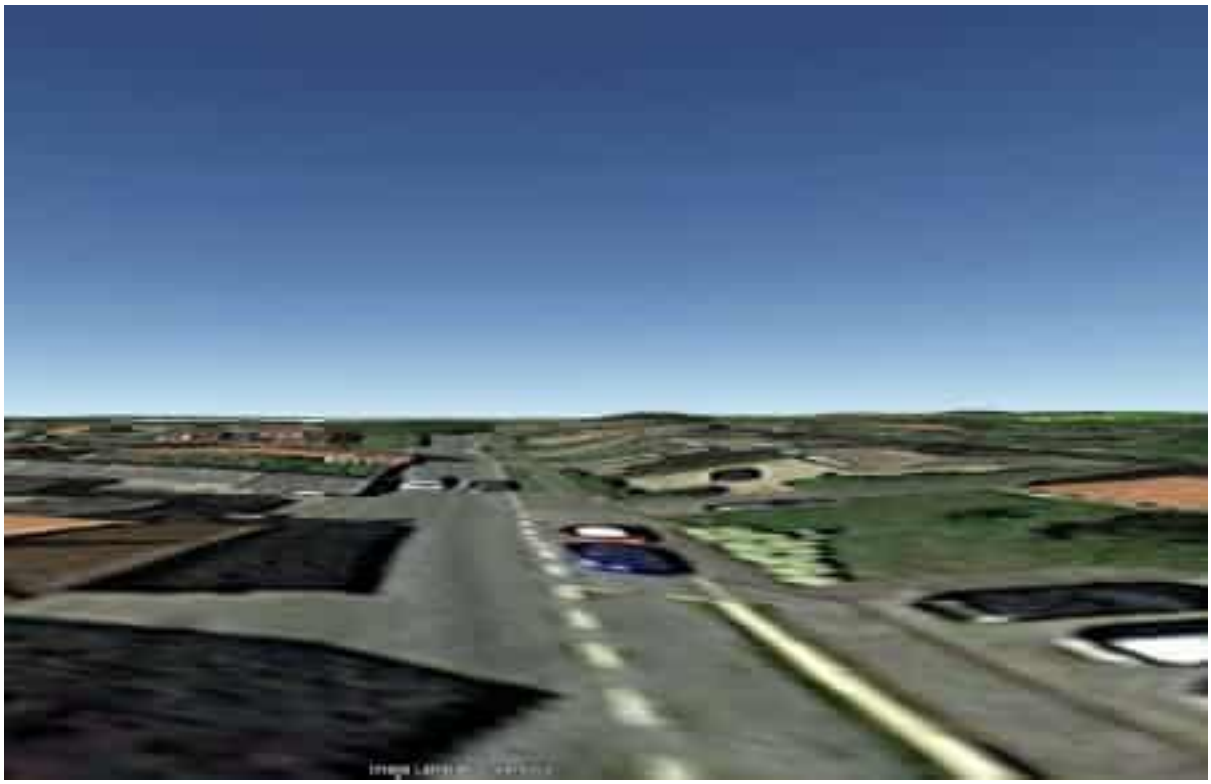
Looking West



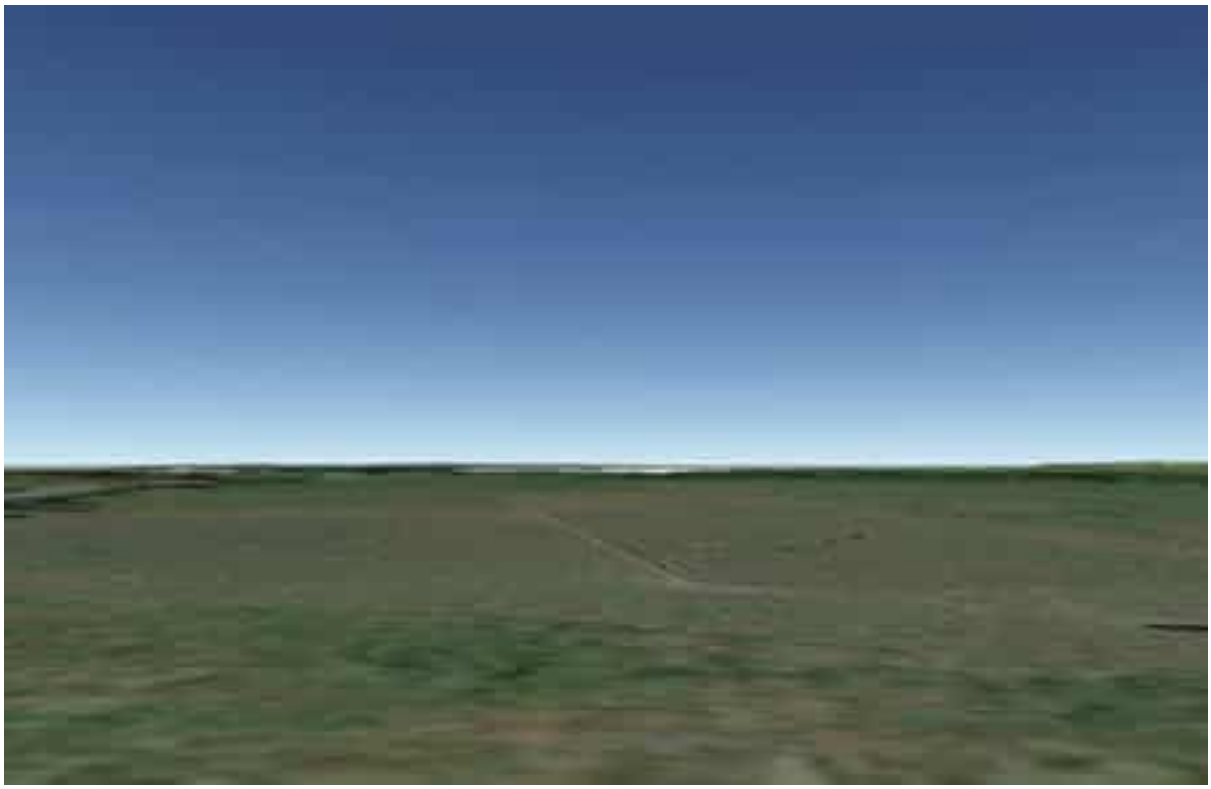
Receptor 136 (Group B Receptor 56)



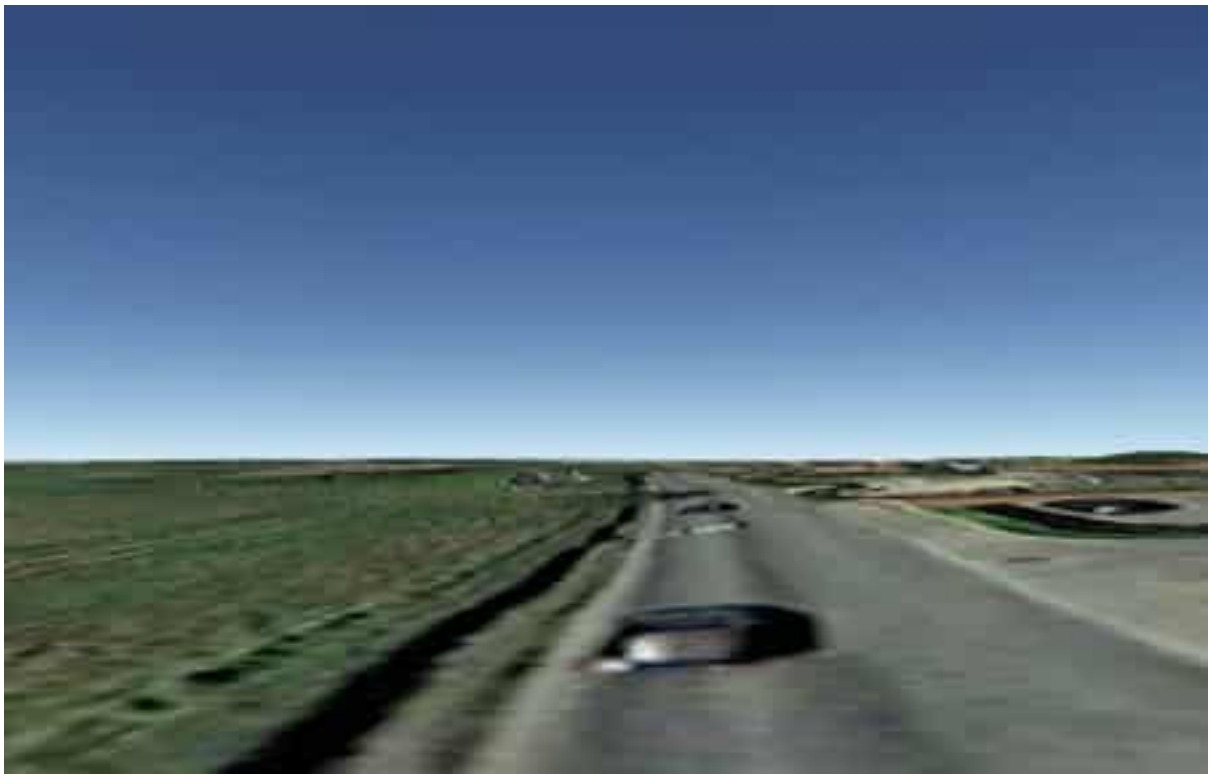
Receptor 137 (Group B Receptor 57)



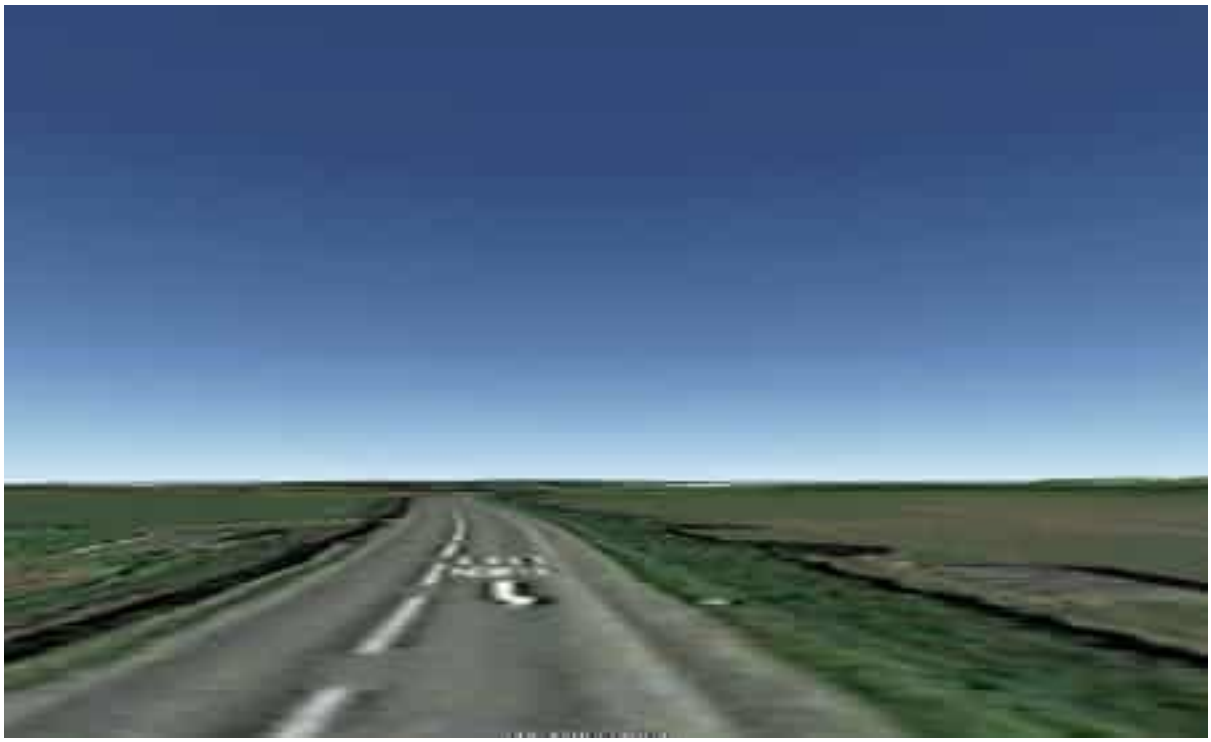
Receptor 138 (Group B Receptor 58)



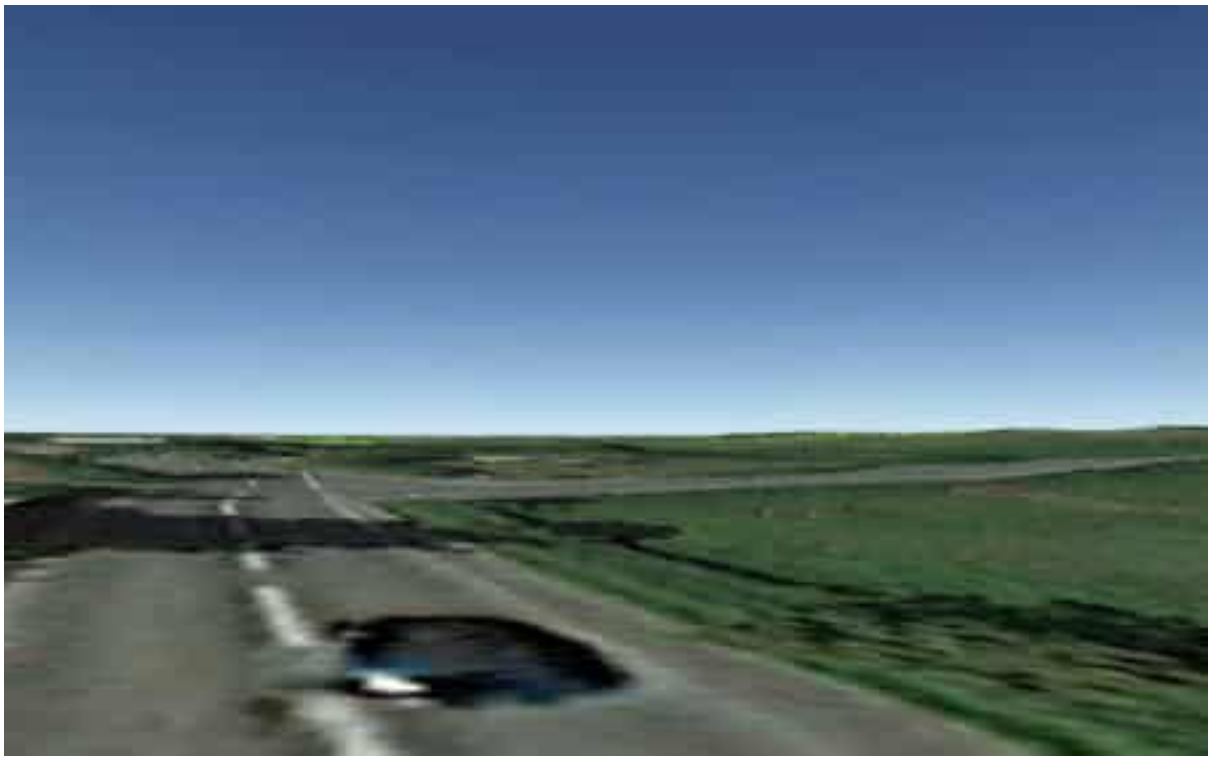
Receptor 139 (Group B Receptor 59)



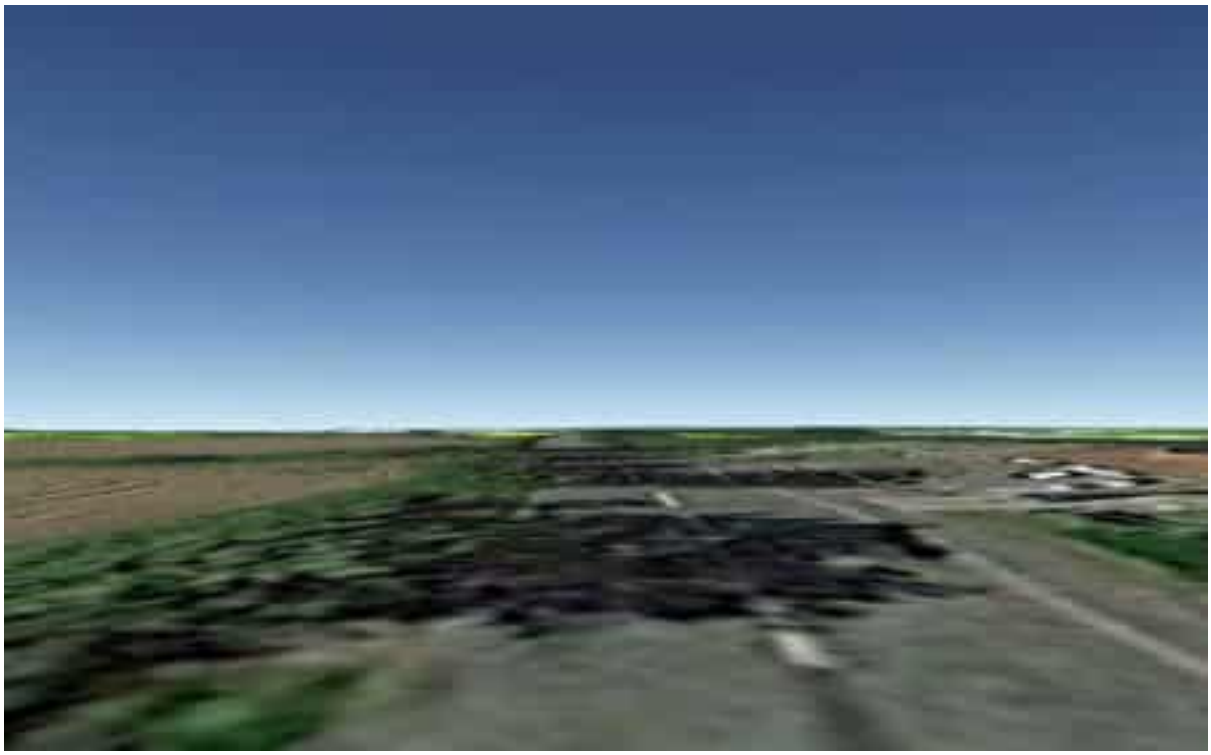
Receptor 140 (Group B Receptor 60)



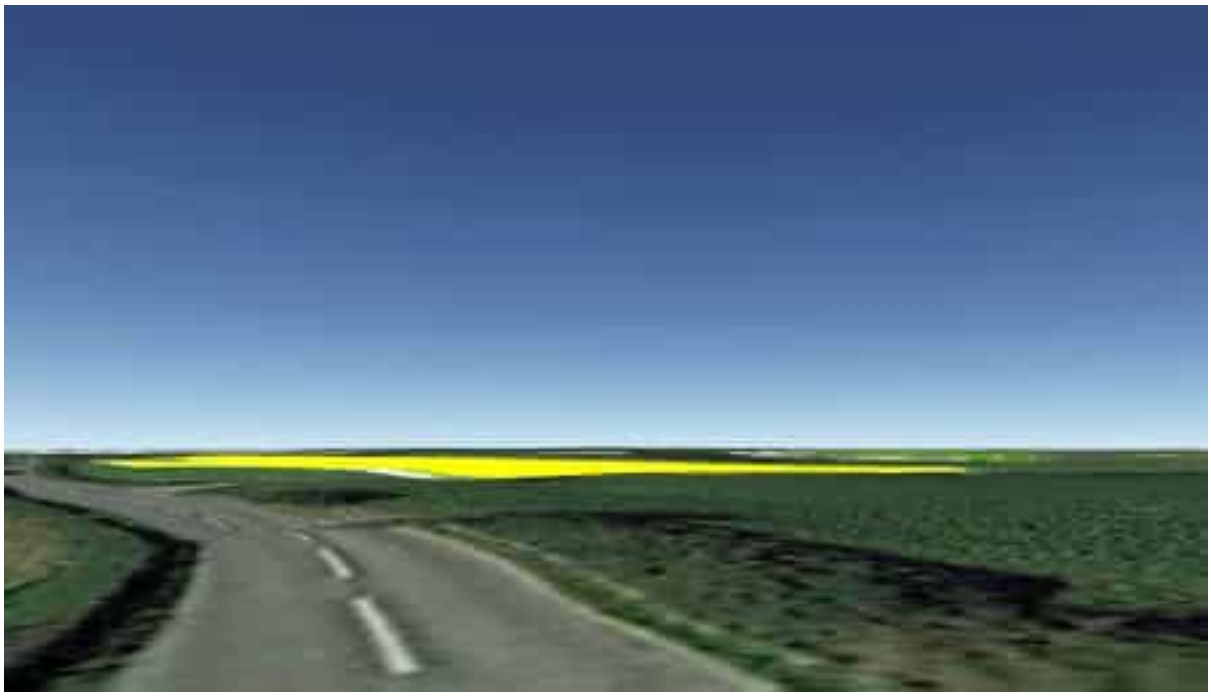
Receptor 141 (Group B Receptor 61)



Receptor 142 (Group B Receptor 62)



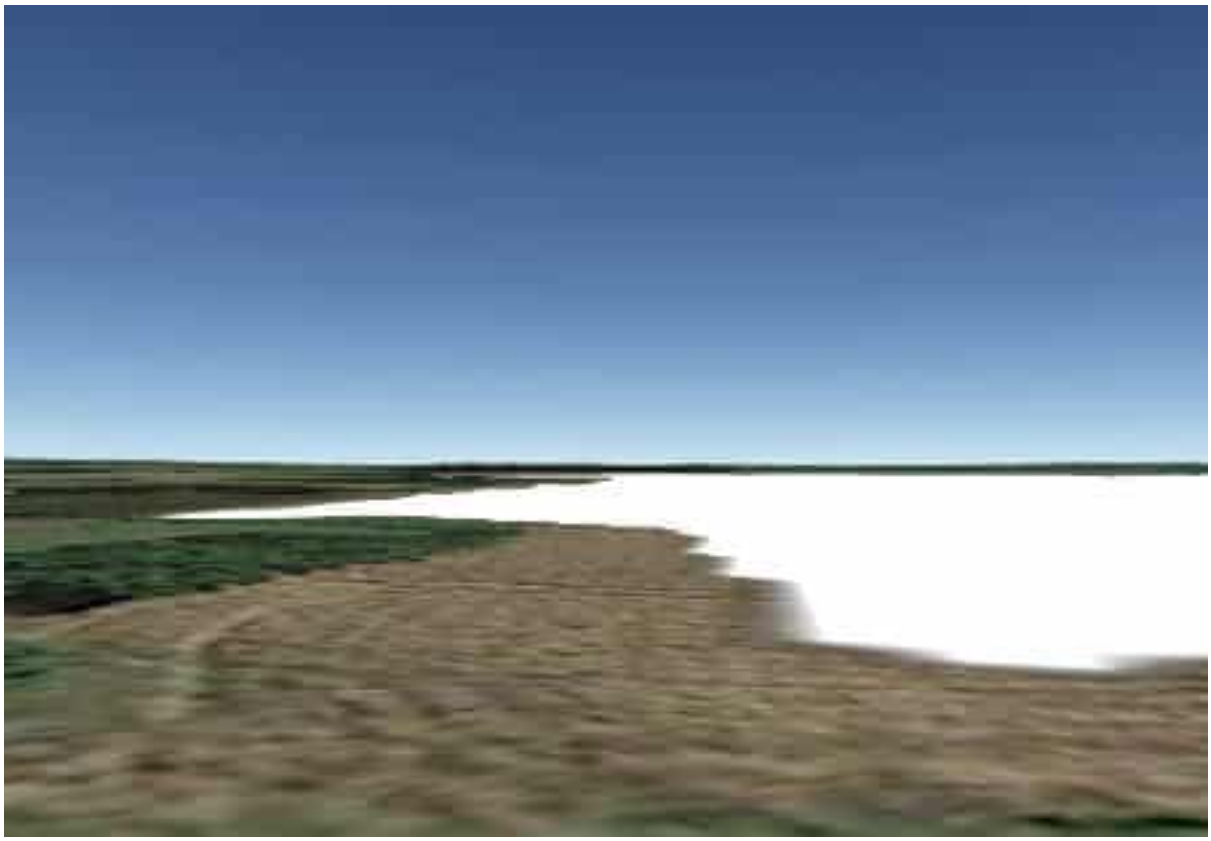
Receptor 143 (Group B Receptor 63)



Receptor 144 (Group B Receptor 64)

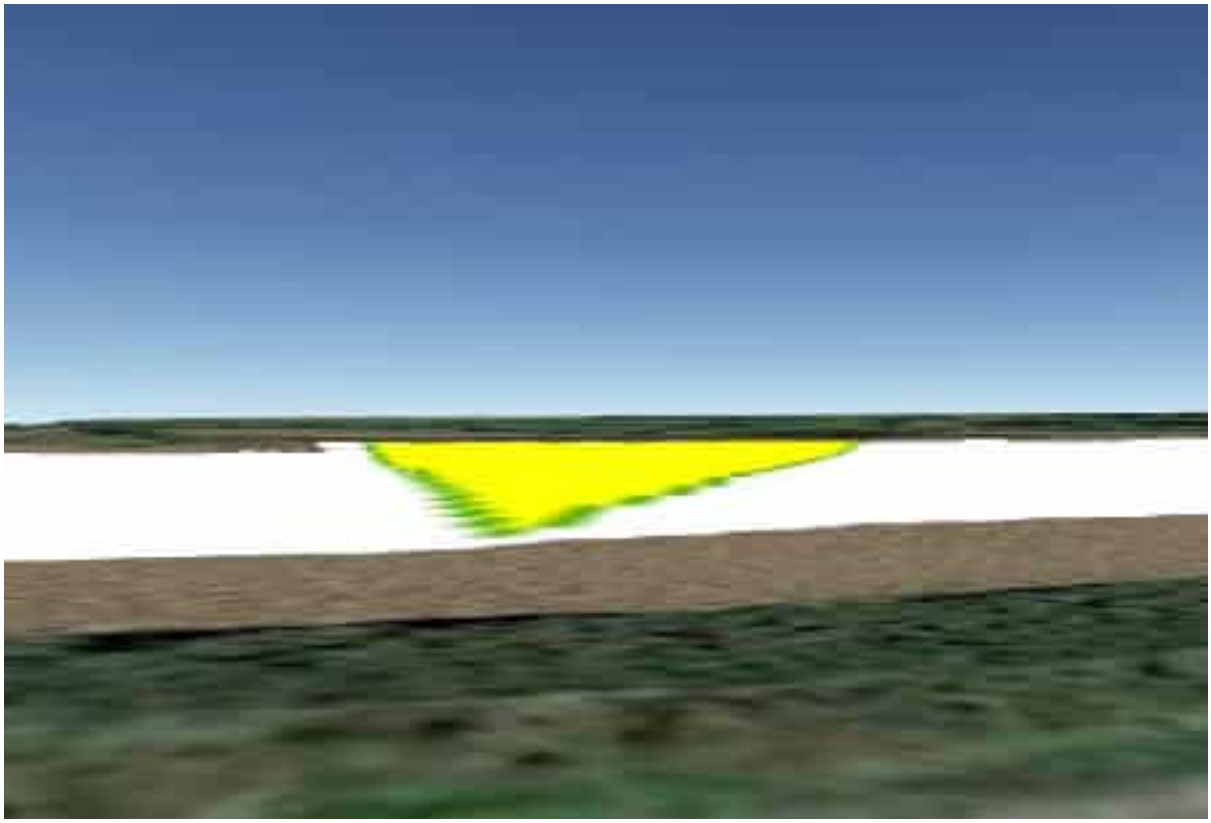
Looking West

Looking South

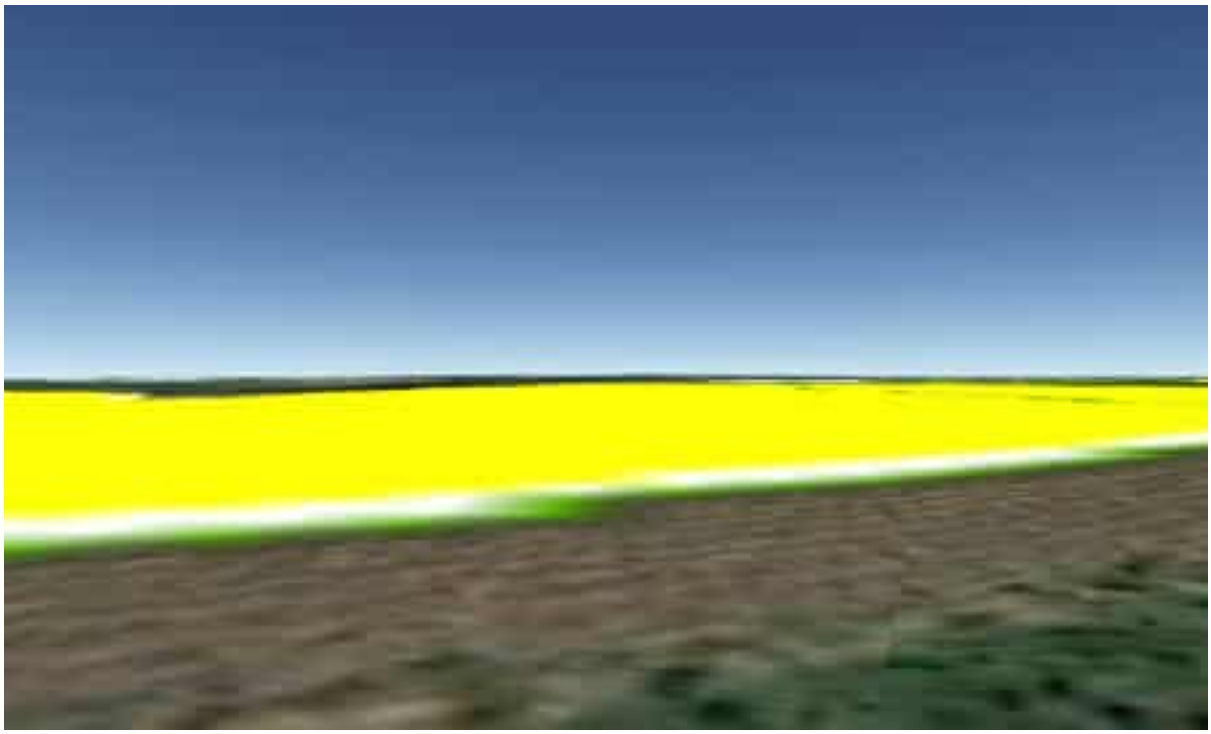


Receptor 145 (Group B Receptor 65)

Looking East

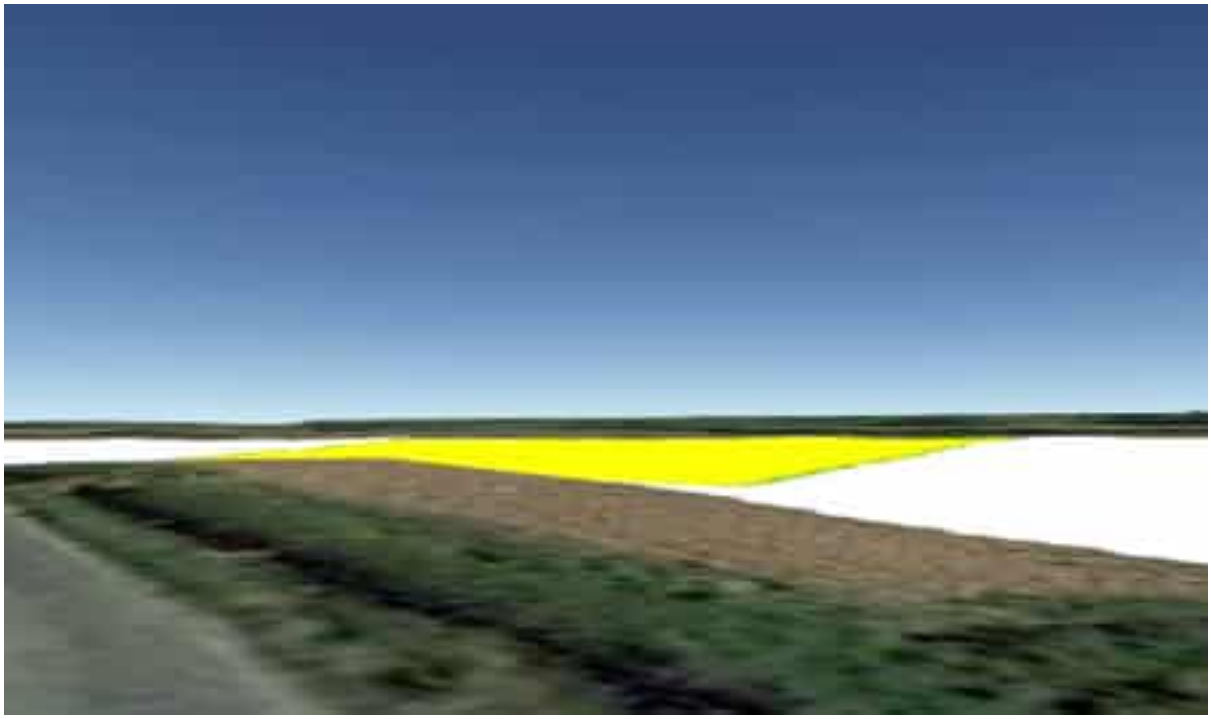


Looking West

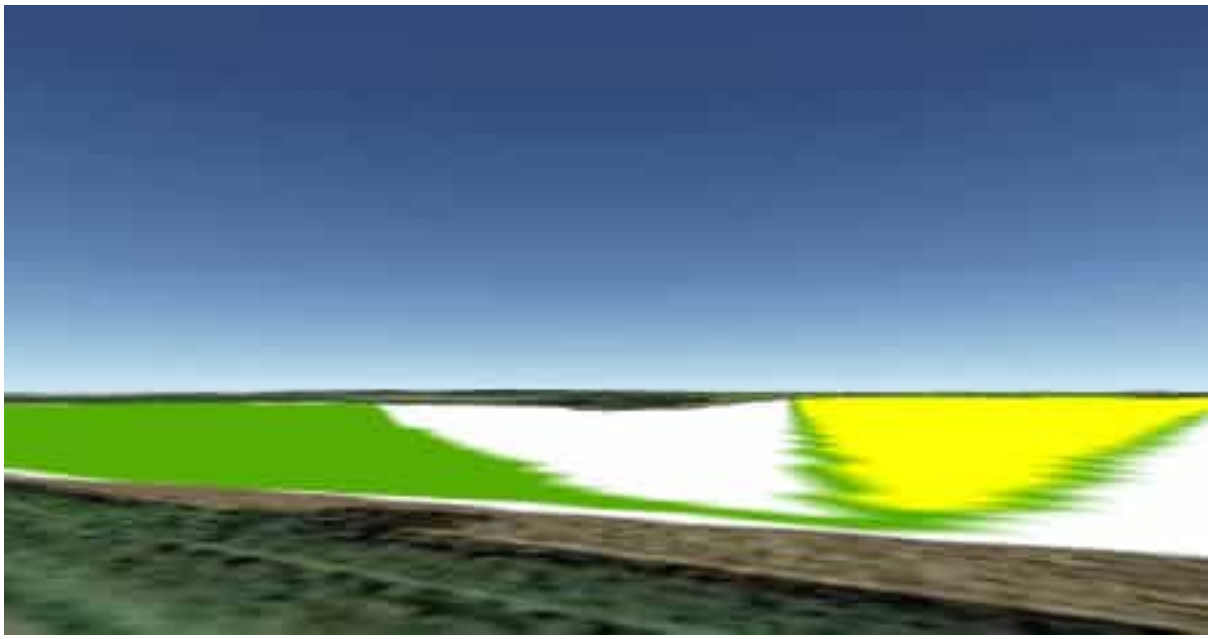


Receptor 146 (Group B Receptor 66)

Looking East

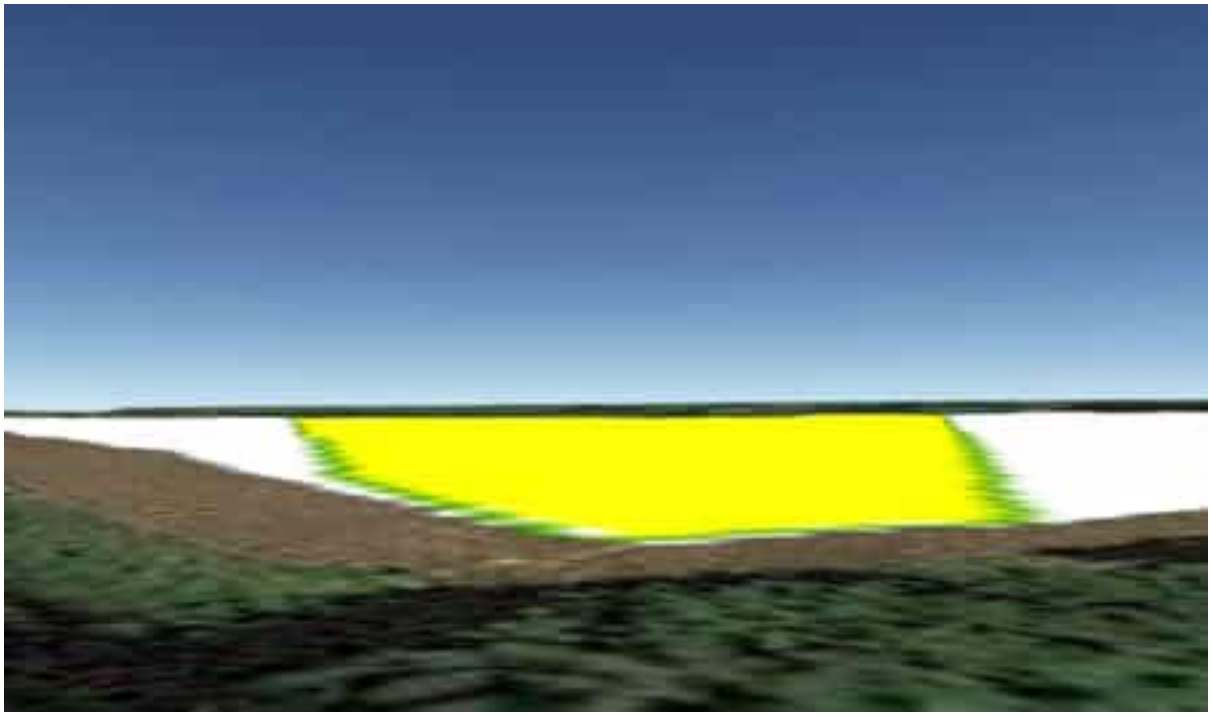


Looking West

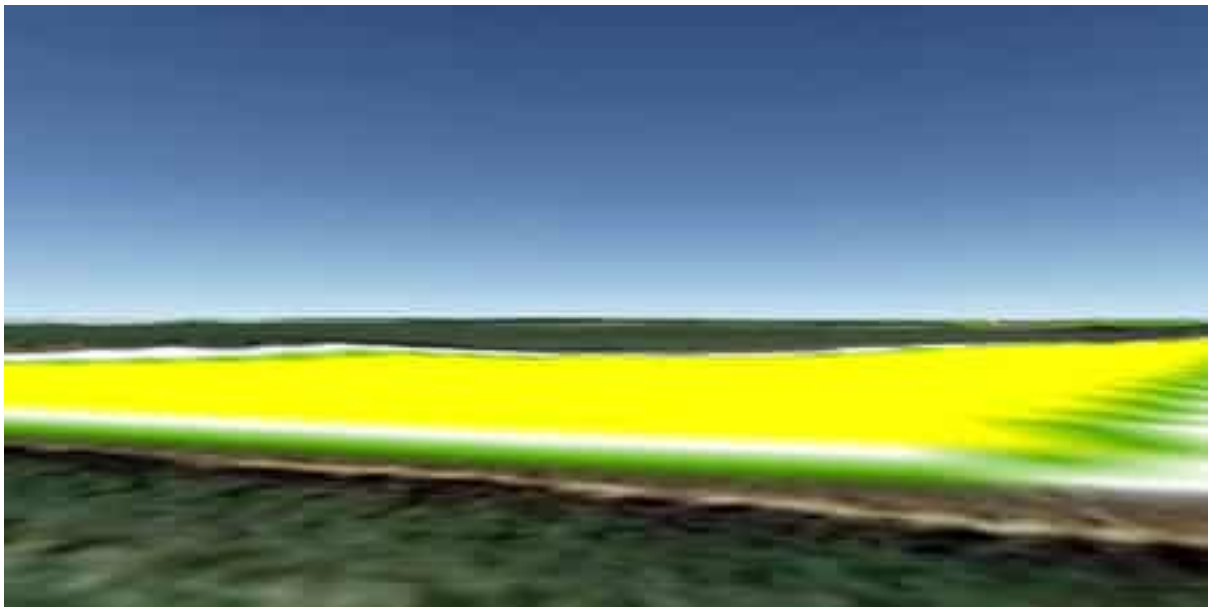


Receptor 147 (Group B Receptor 67)

Looking East

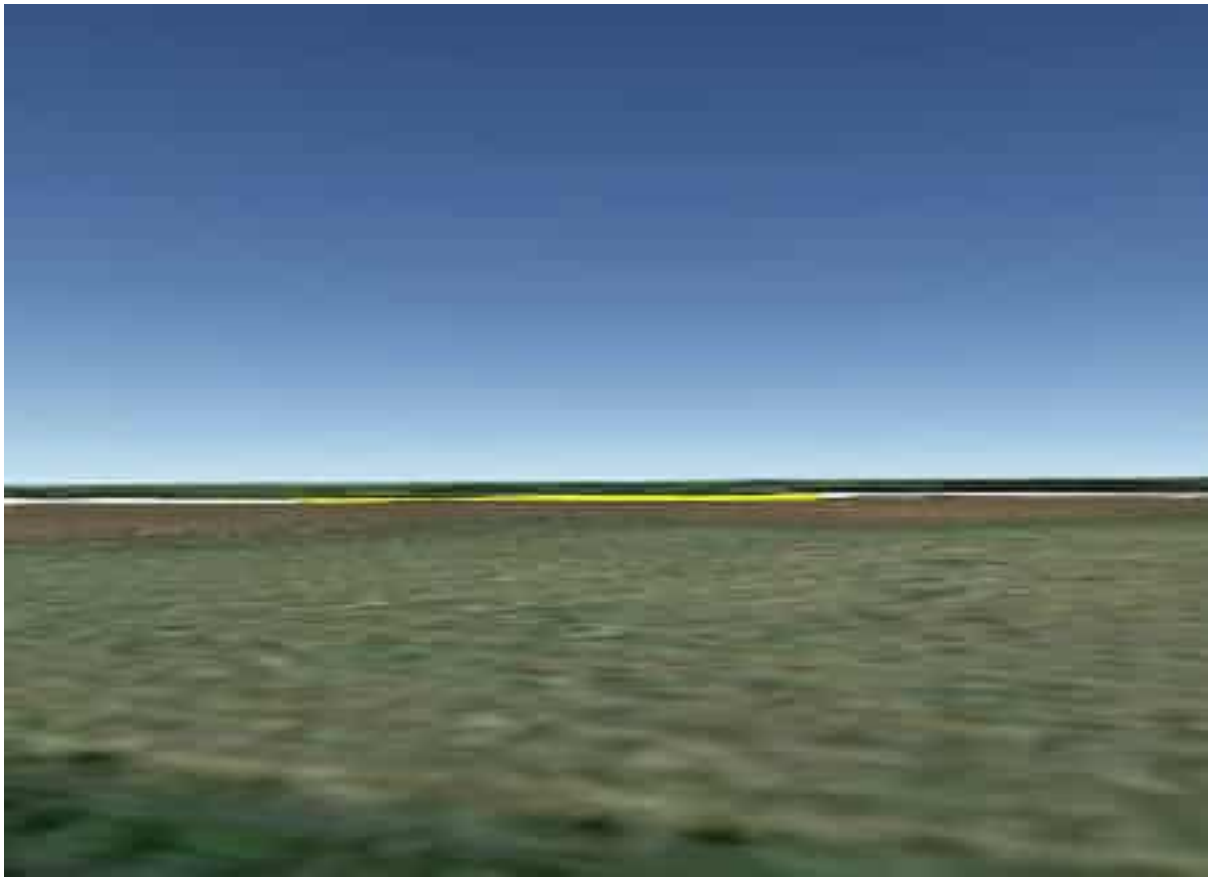


Looking West

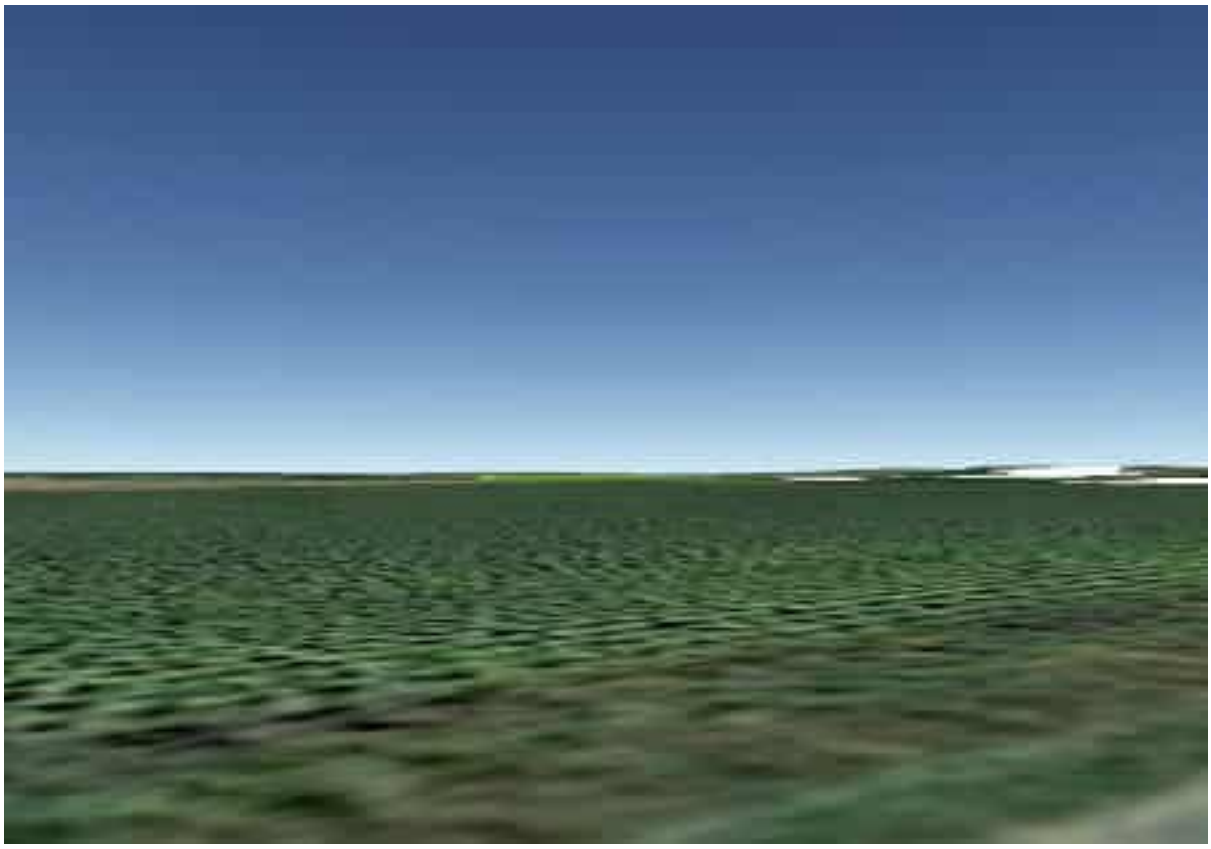


Receptor 148 (Group B Receptor 68)

Looking East

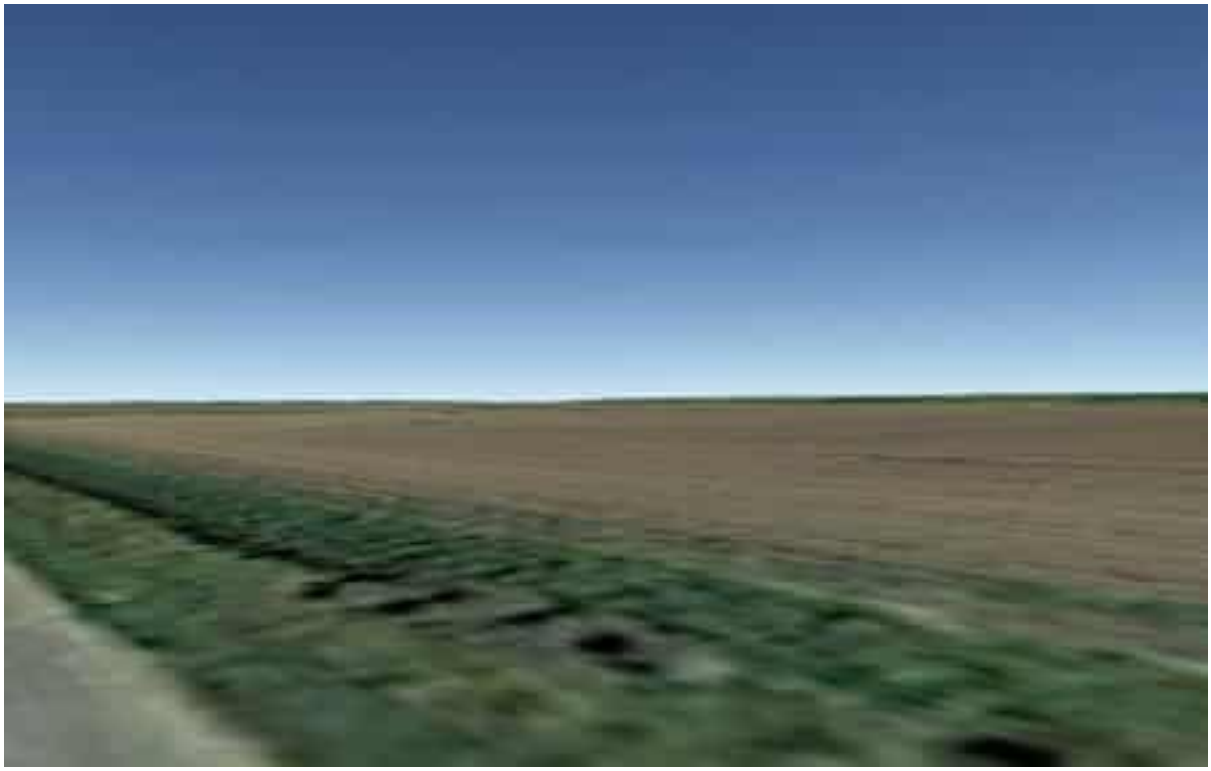


Looking West

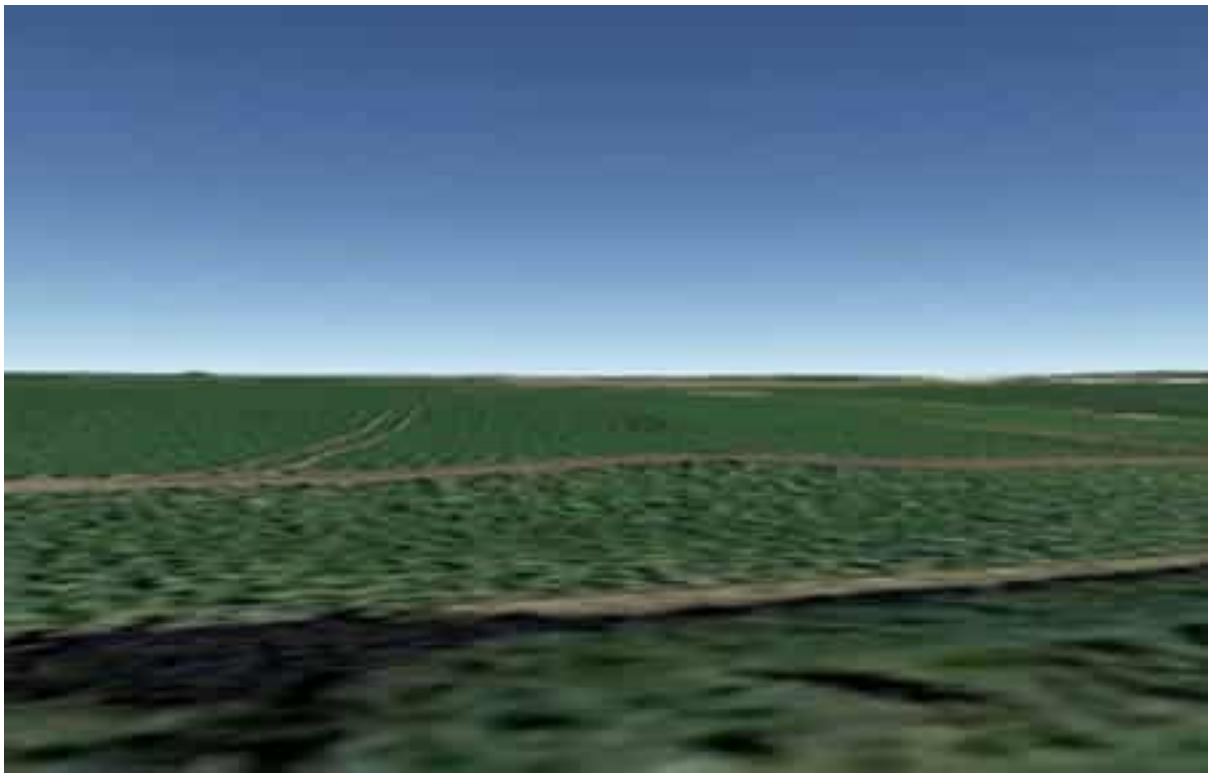


Receptor 149 (Group B Receptor 69)

Looking East

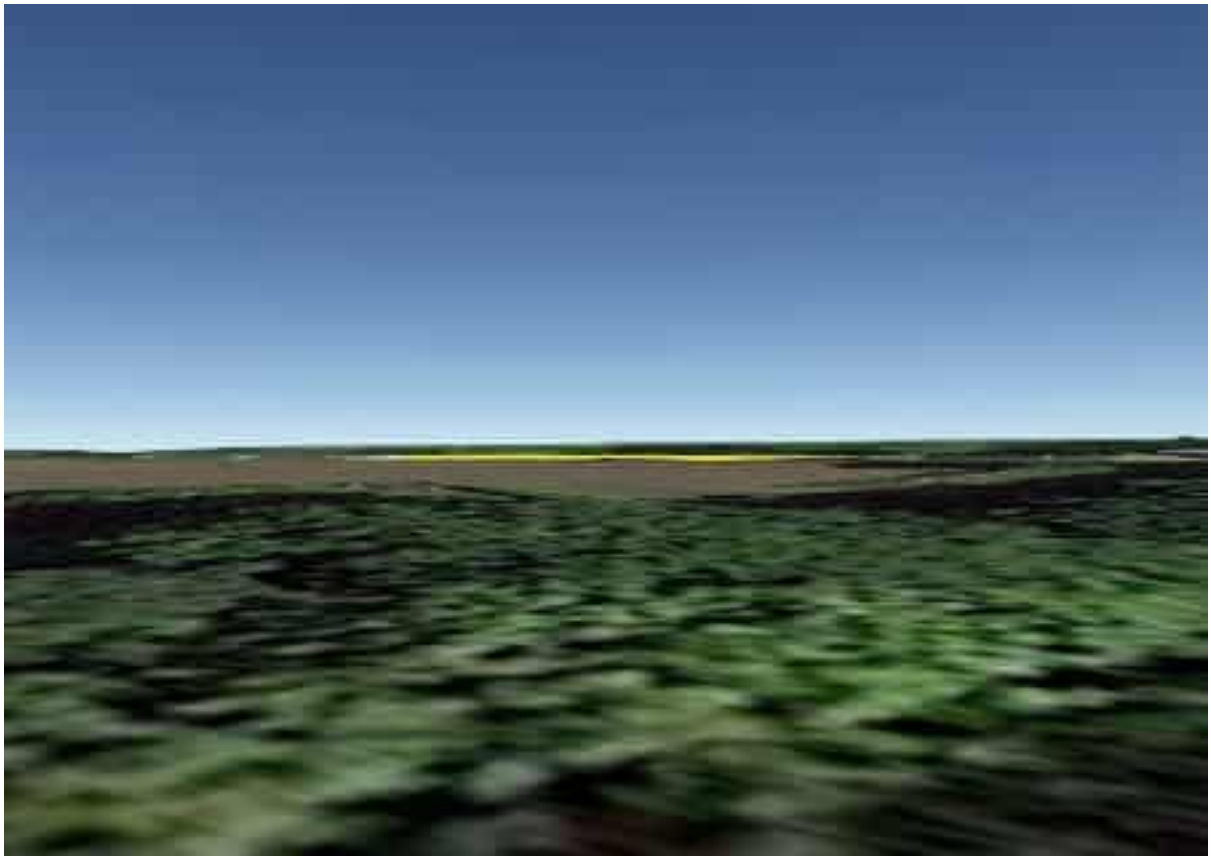


Looking West

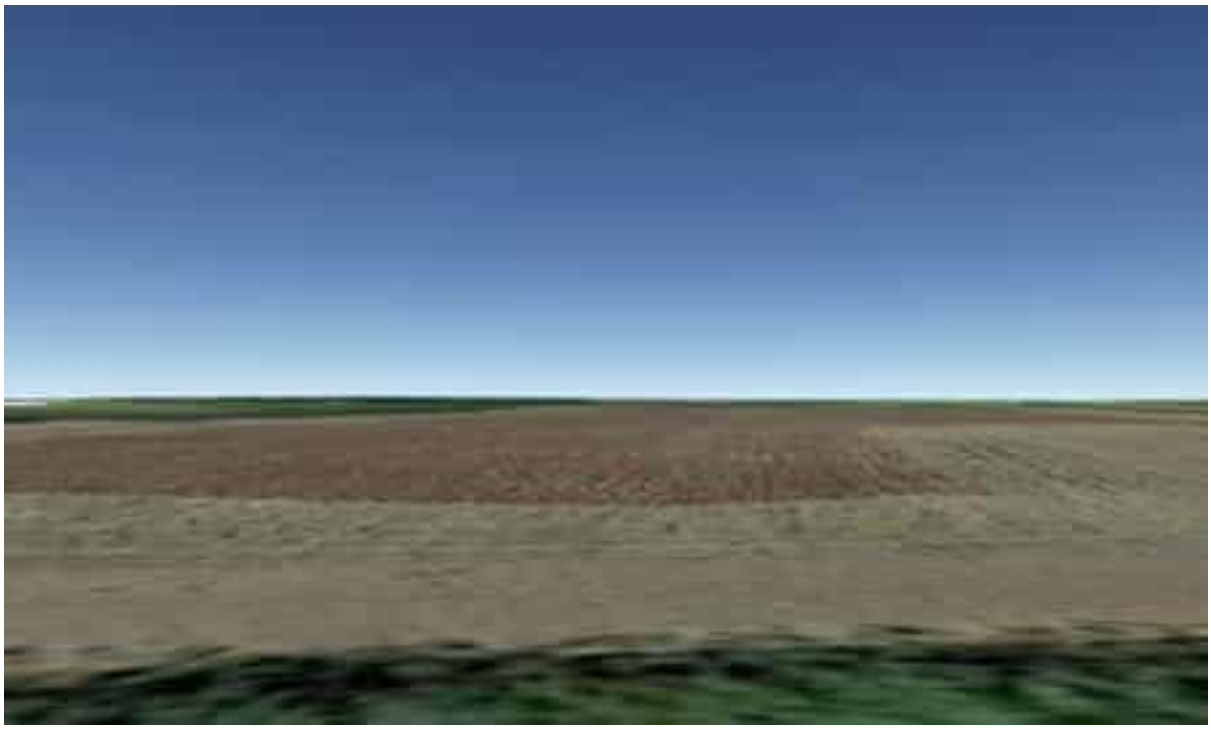


Receptor 150 (Group B Receptor 70)

Looking East

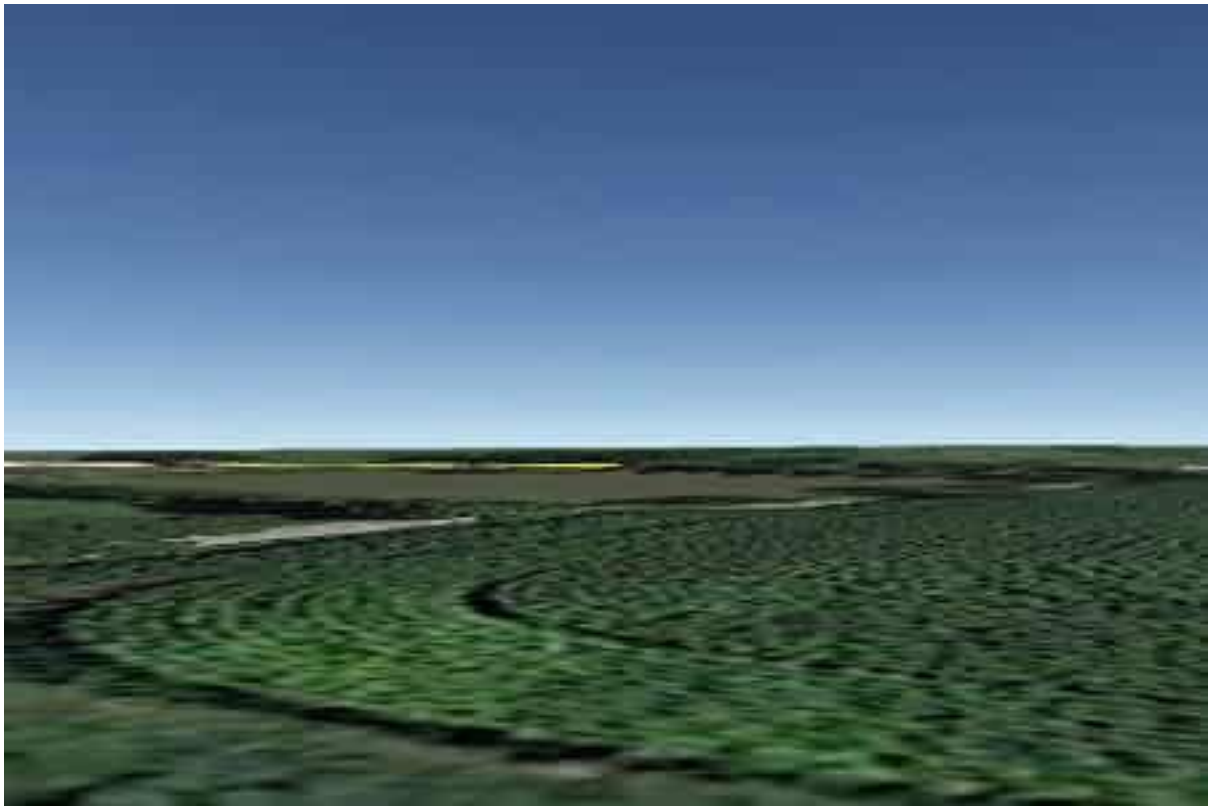


Looking West

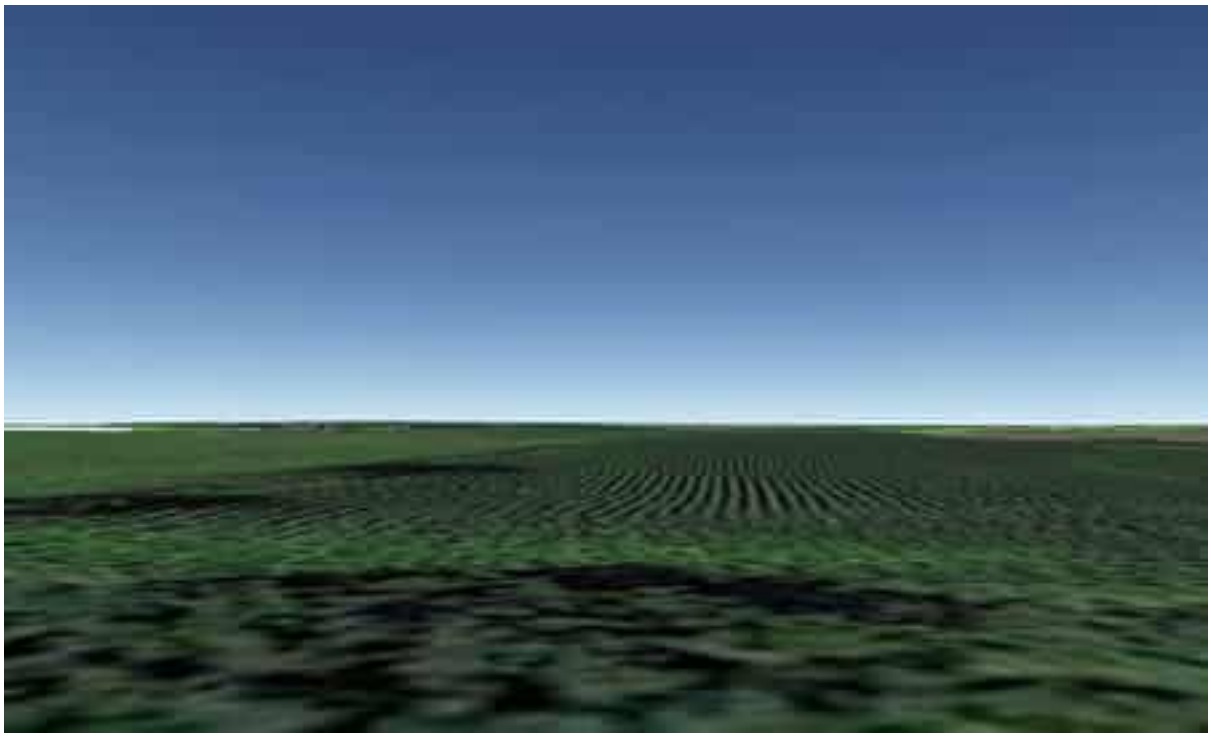


Receptor 151 (Group B Receptor 71)

Looking East

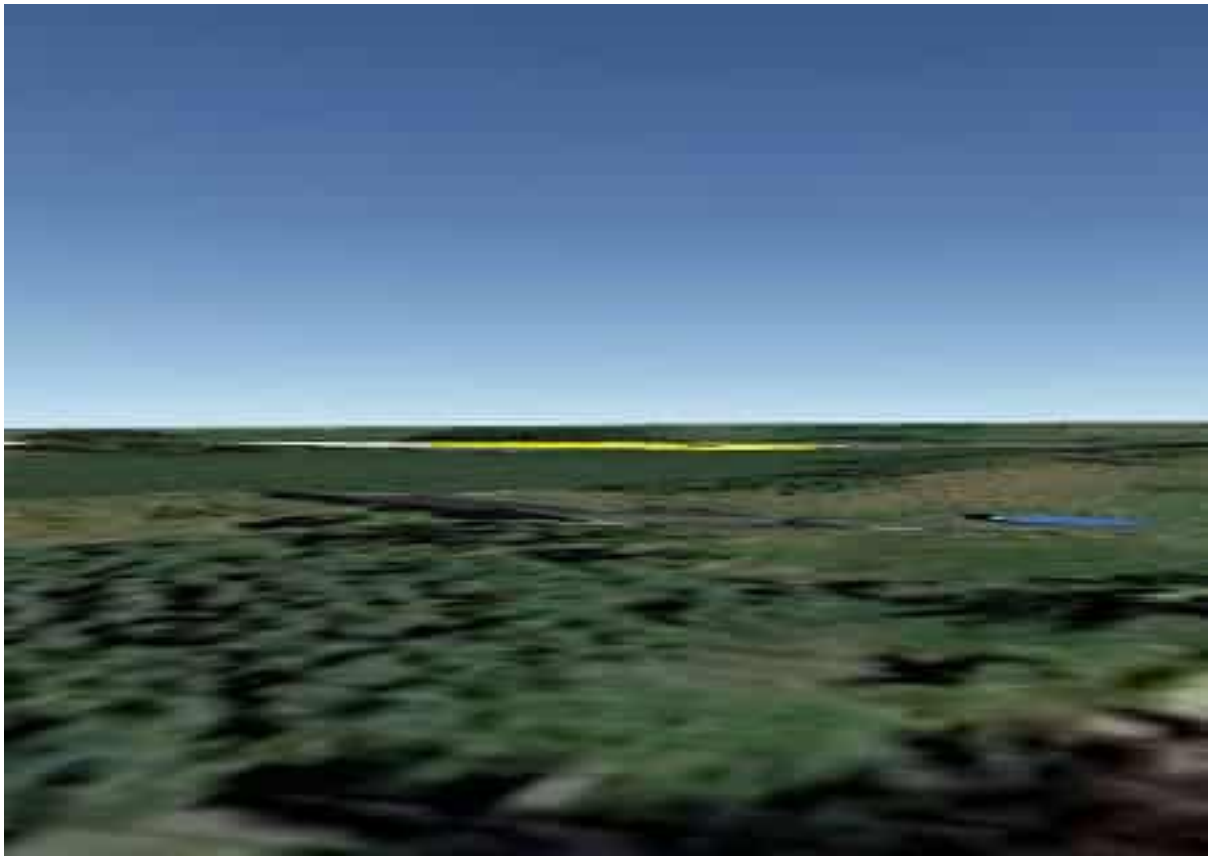


Looking West

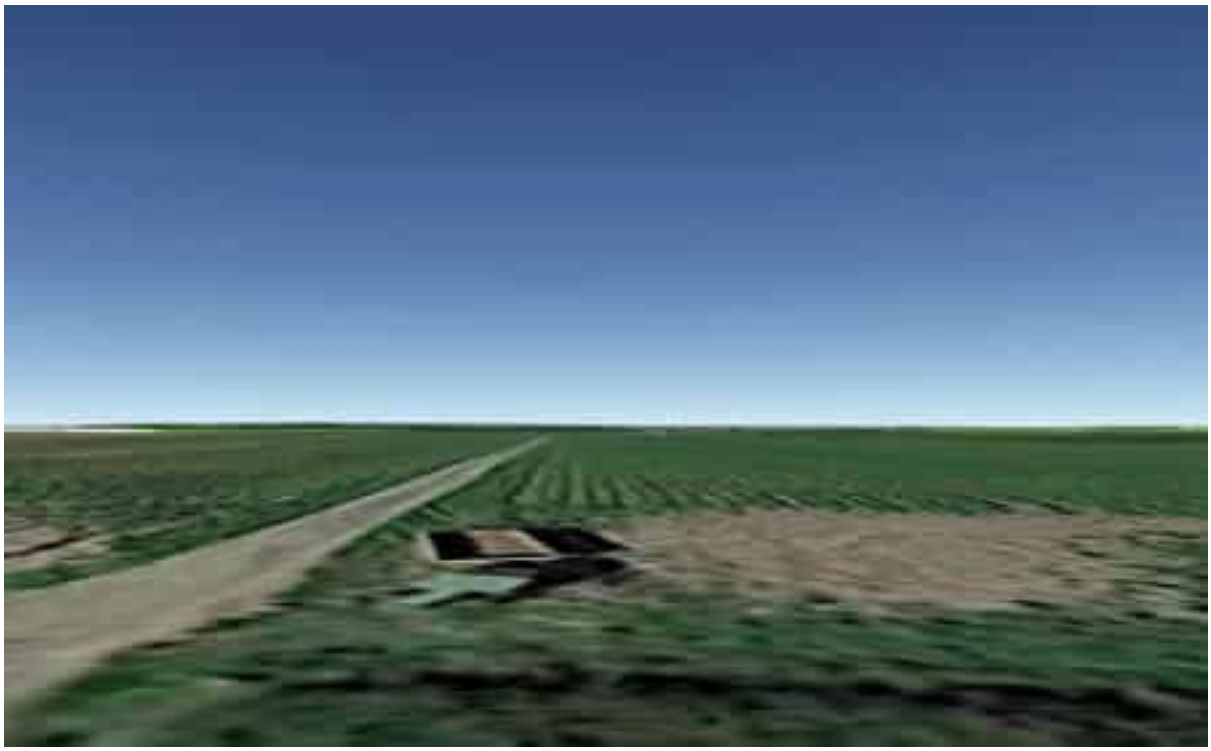


Receptor 152 (Group B Receptor 72)

Looking East



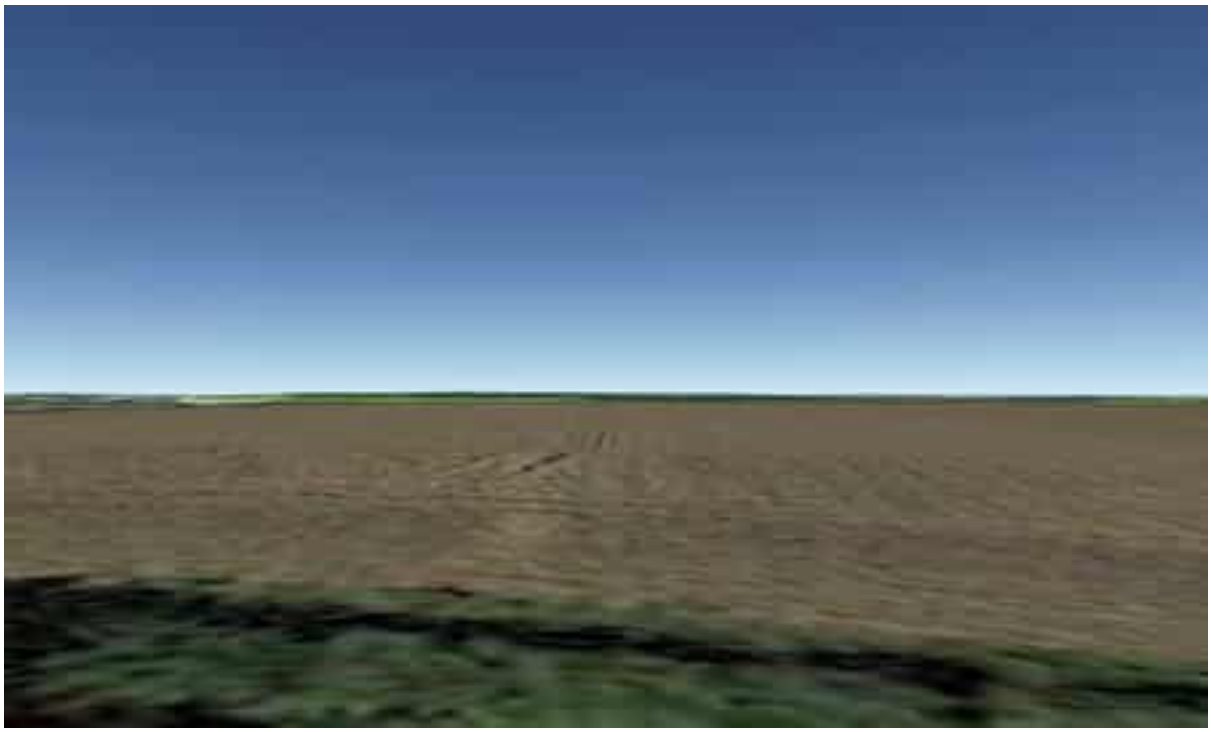
Looking West



Receptor 153 (Group B Receptor 73)

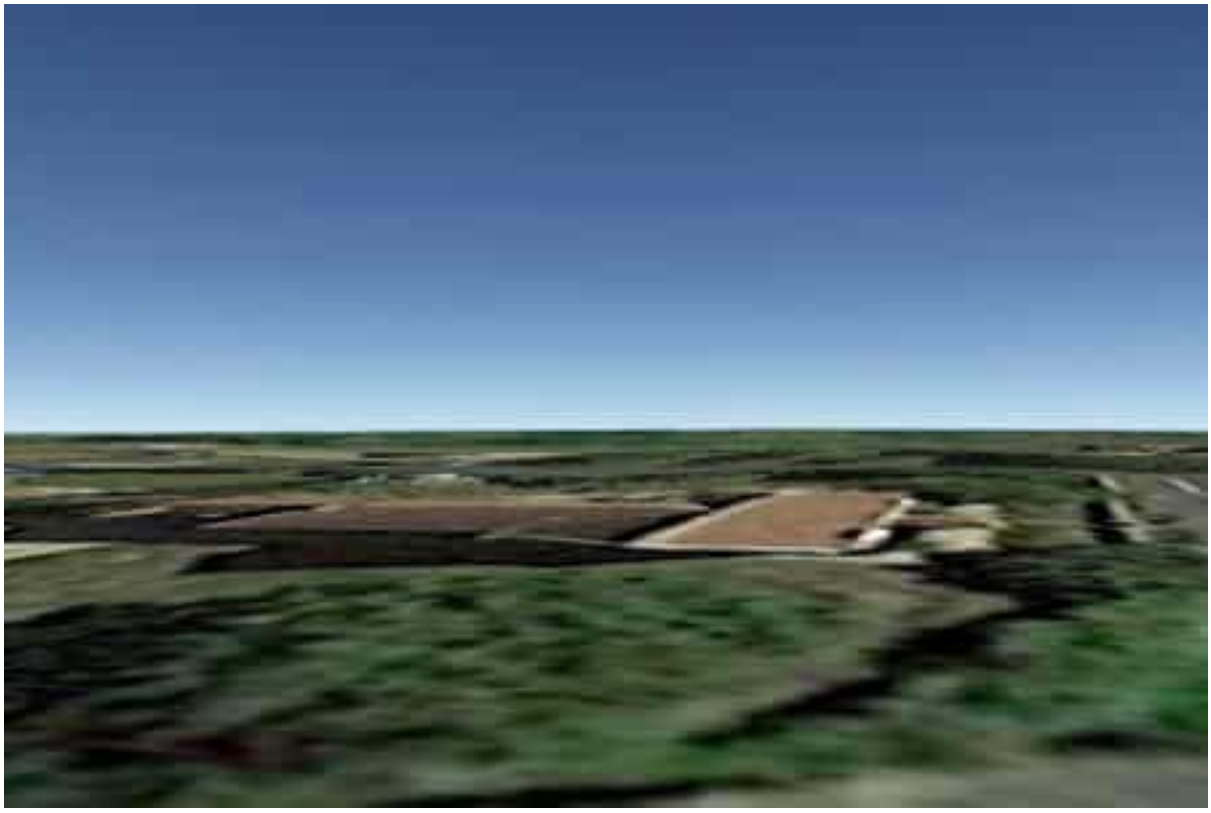
Looking East

Looking West

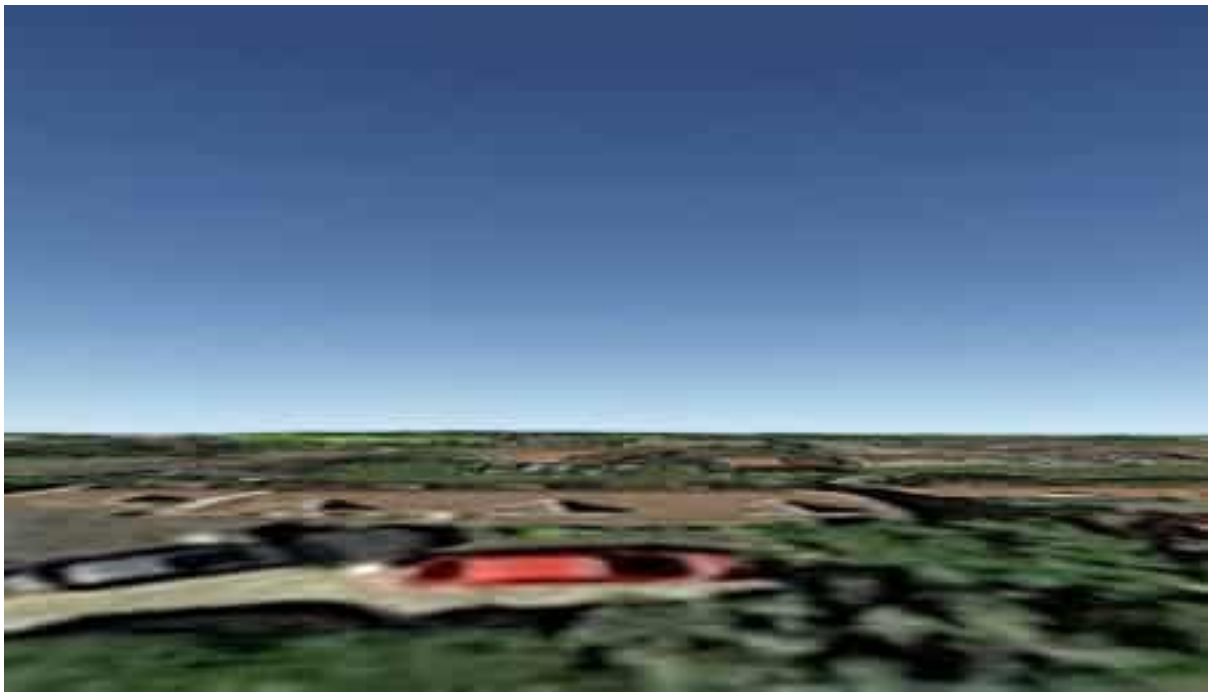


Receptor 154 (Group C Receptor 1)

Looking East

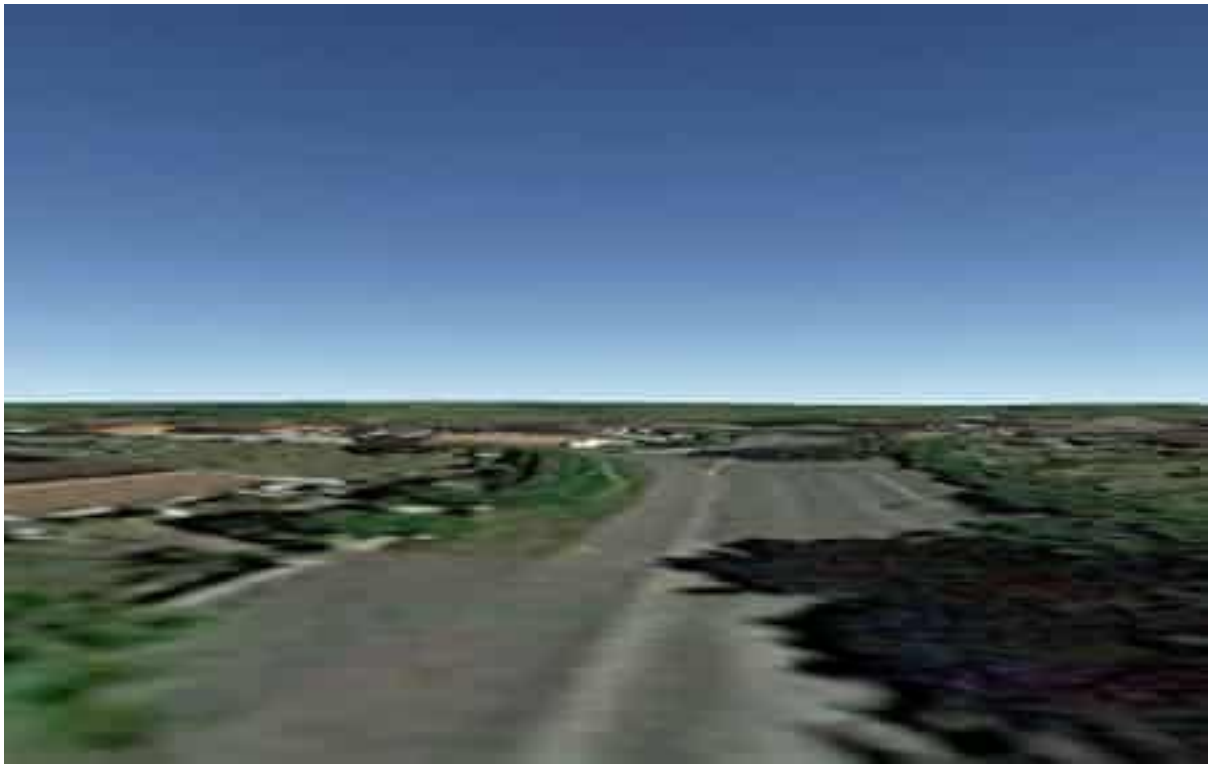


Looking West

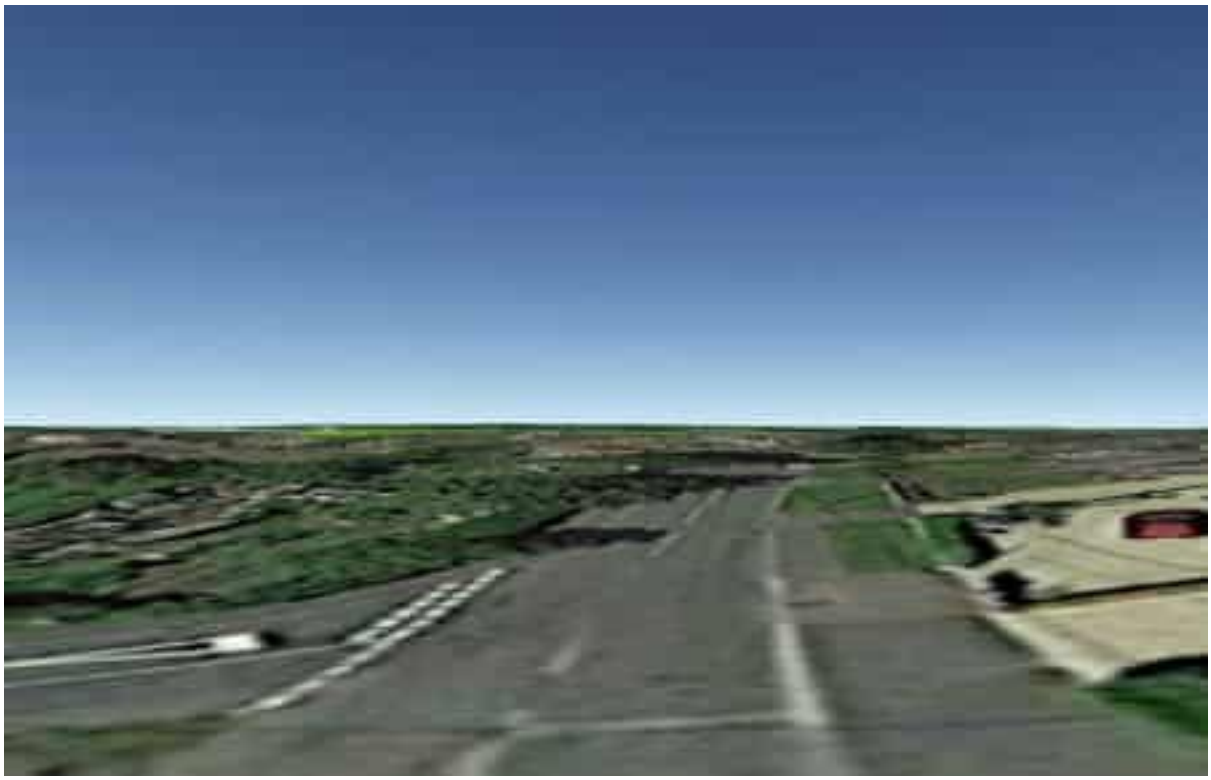


Receptor 155 (Group C Receptor 2)

Looking East

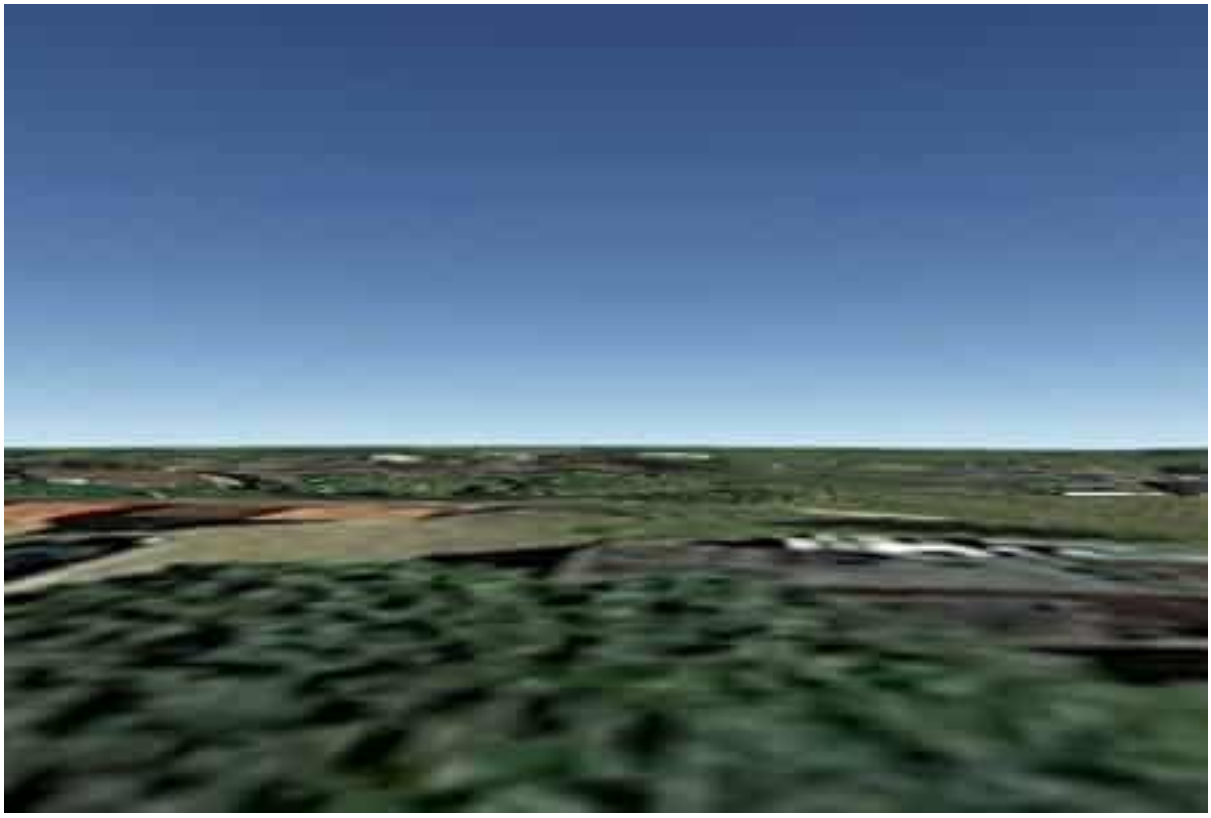


Looking West

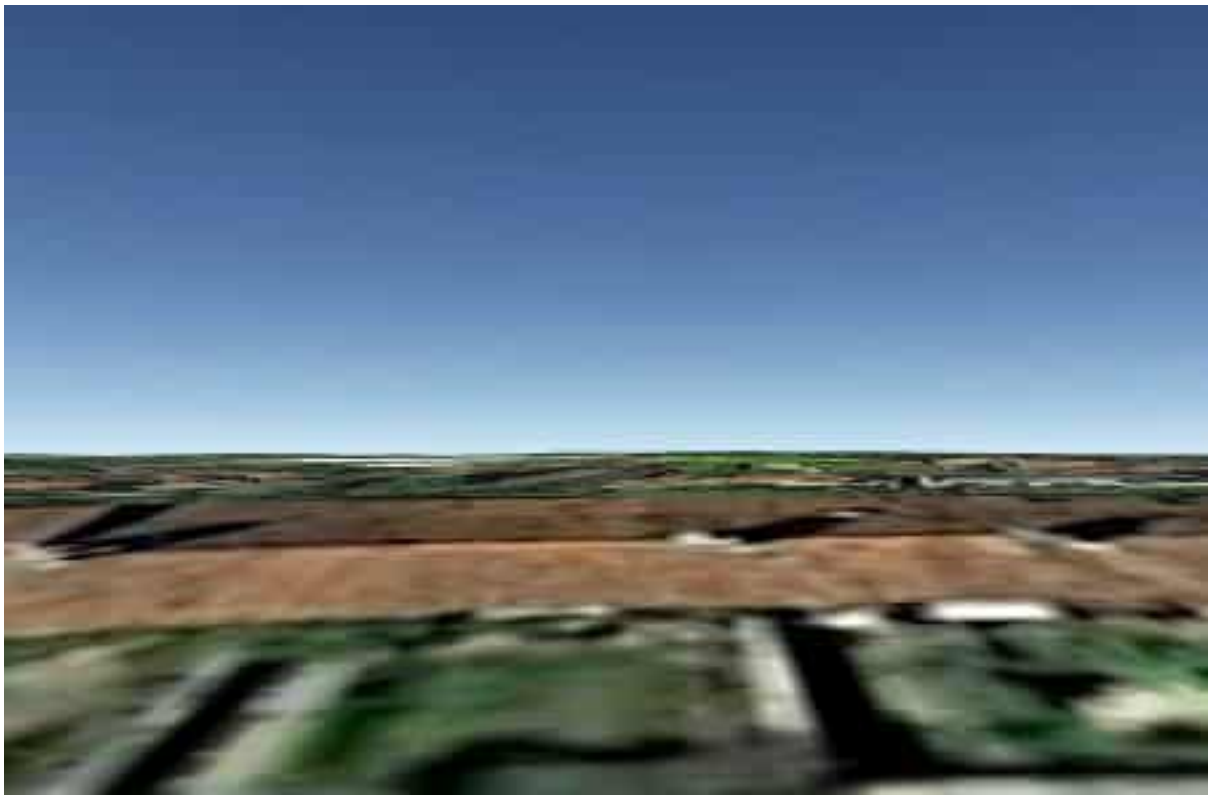


Receptor 156 (Group C Receptor 3)

Looking East

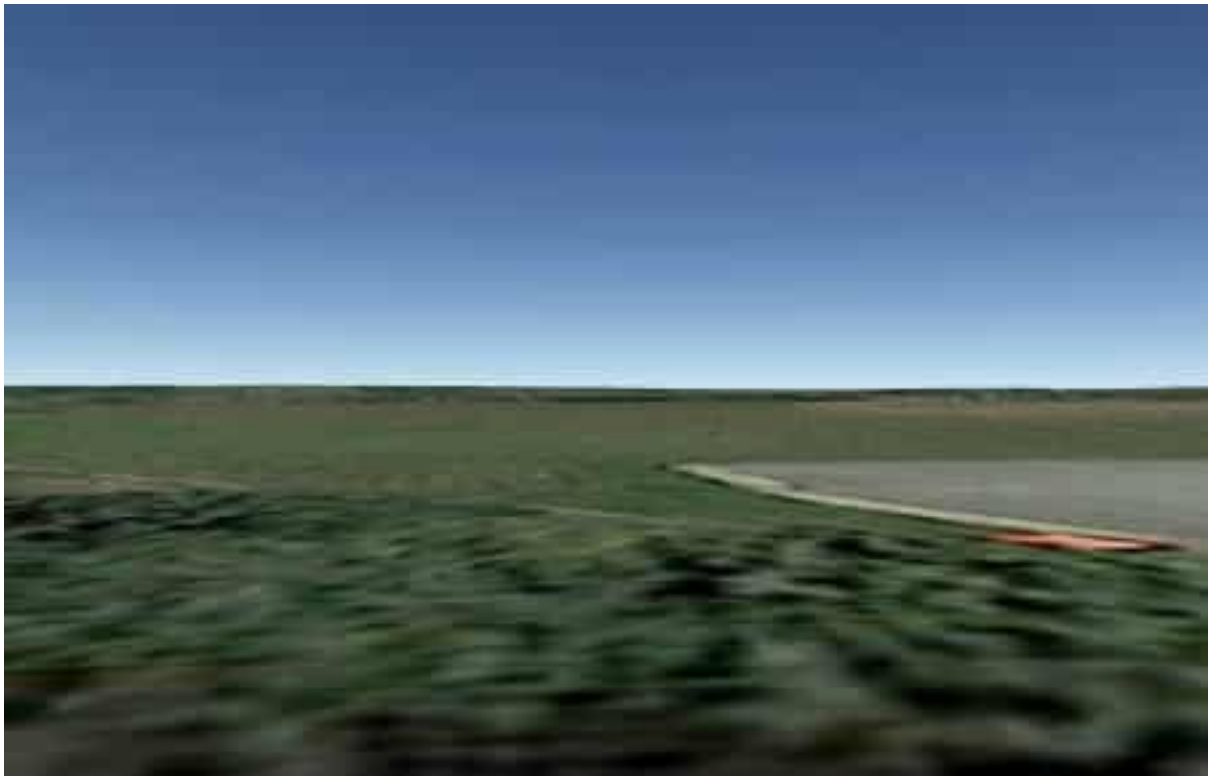


Looking West

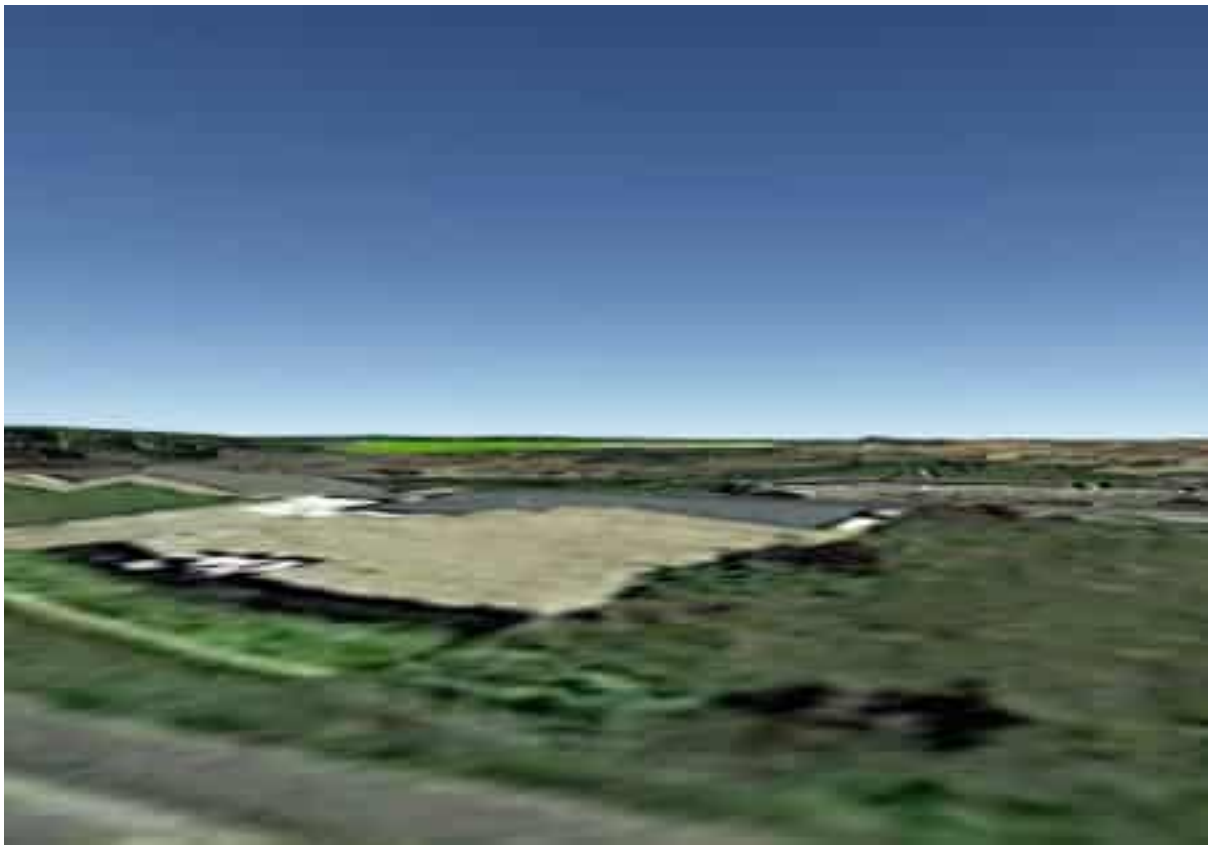


Receptor 157 (Group C Receptor 4)

Looking East

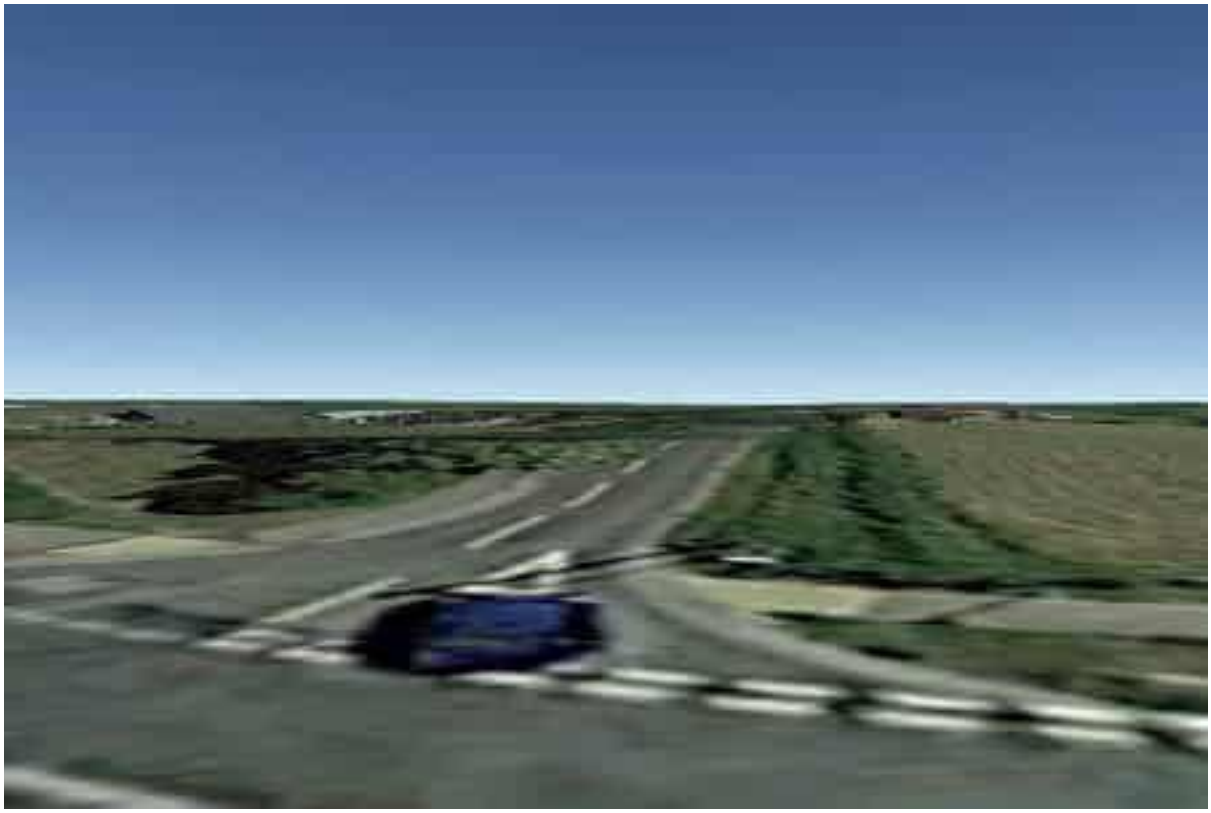


Looking West

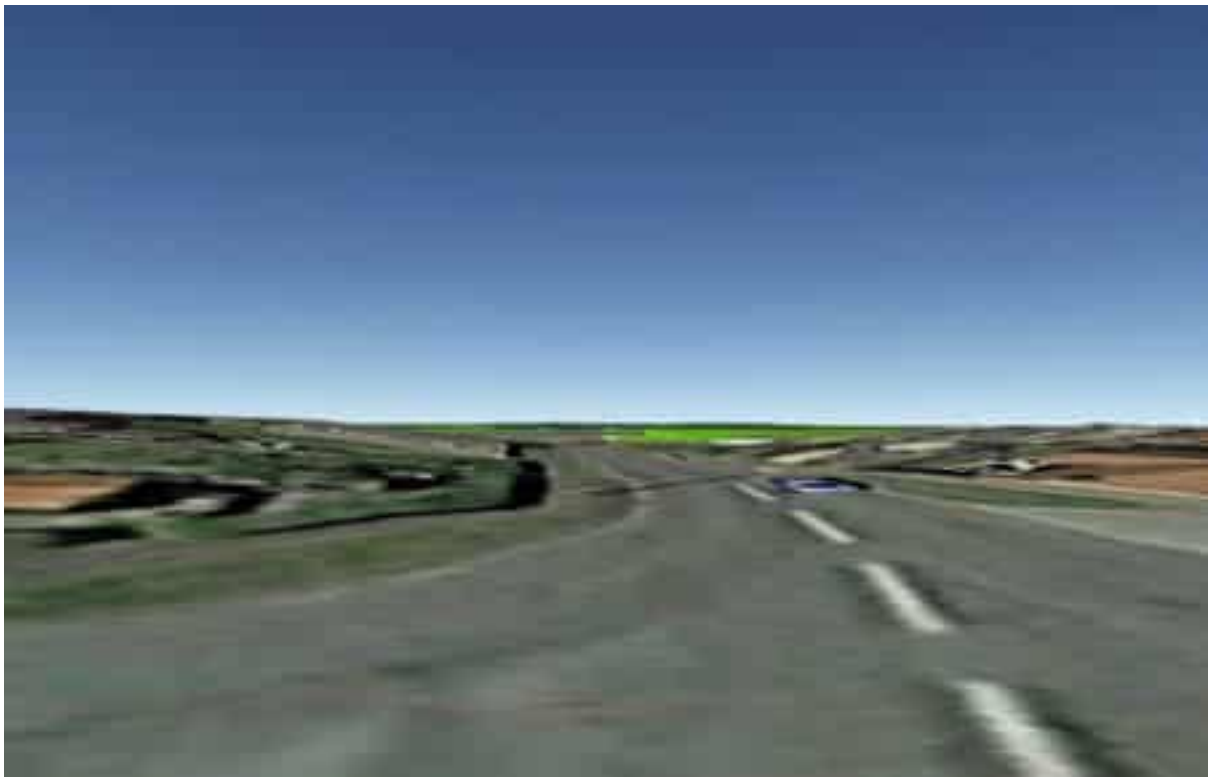


Receptor 158 (Group C Receptor 5)

Looking East

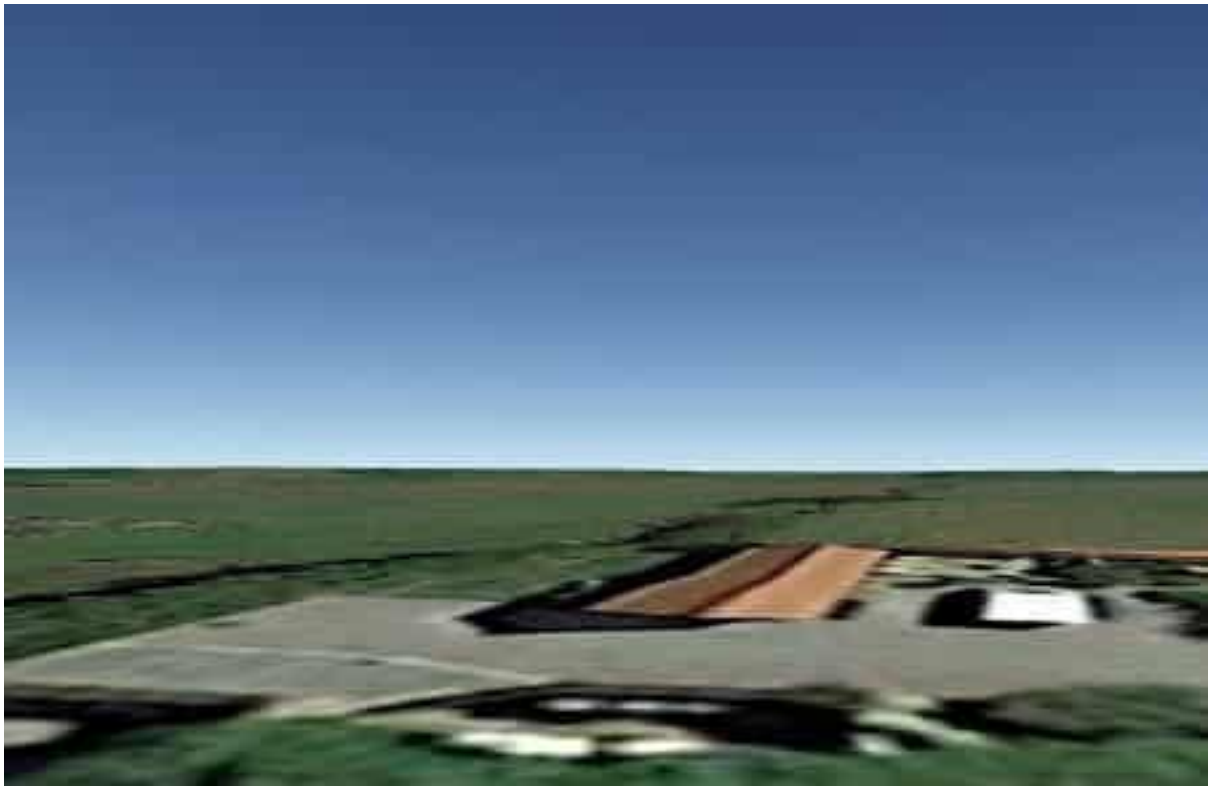


Looking West

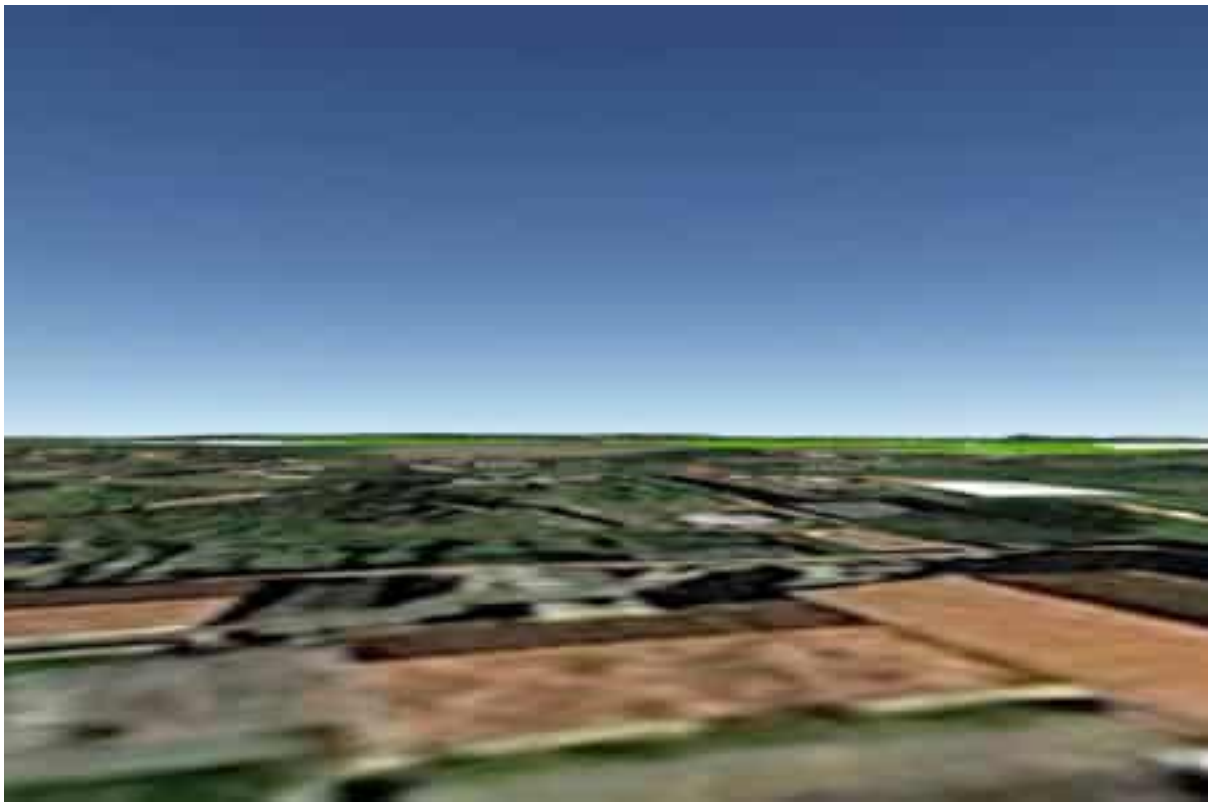


Receptor 159 (Group C Receptor 6)

Looking East

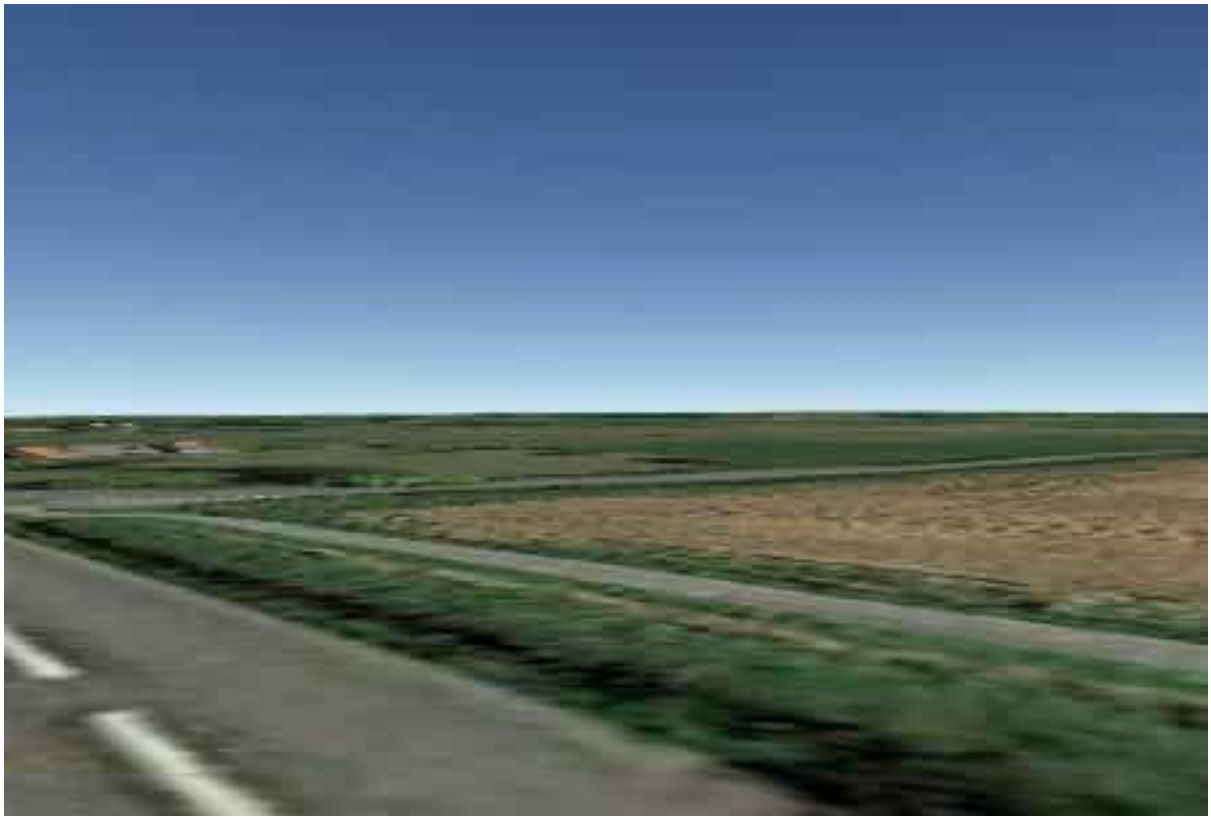


Looking West

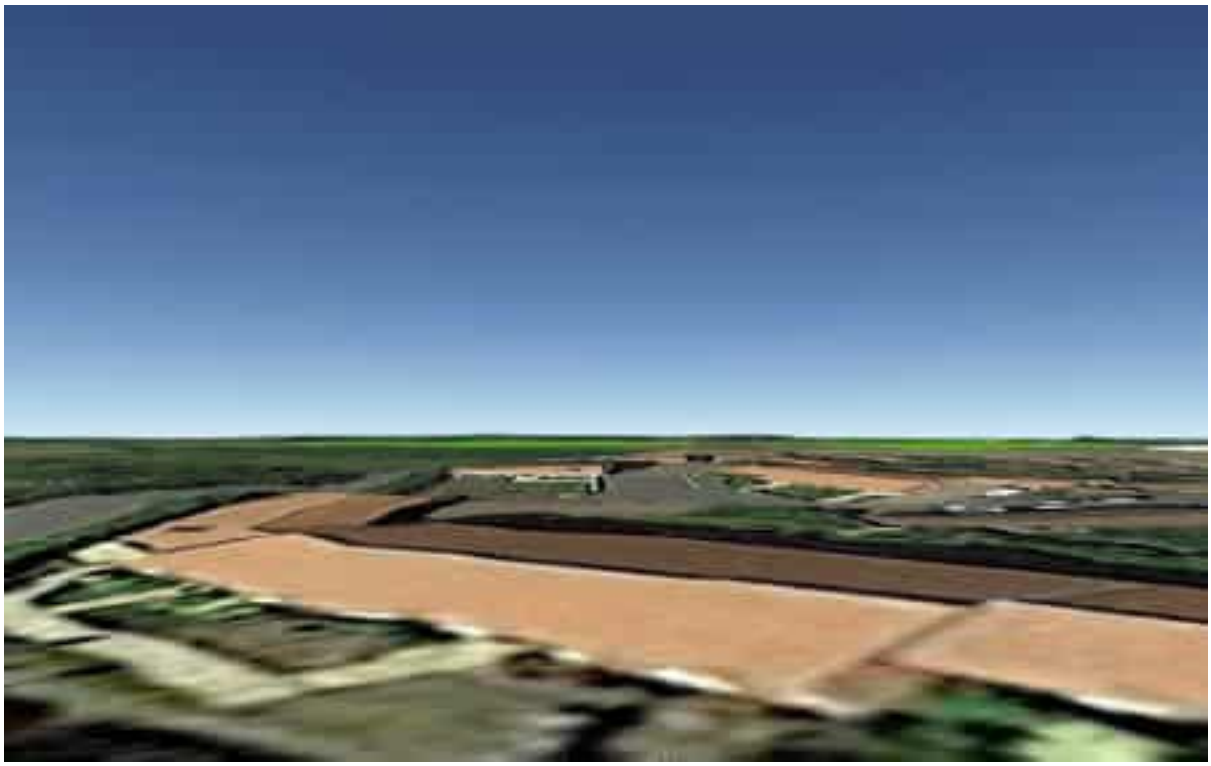


Receptor 160 (Group C Receptor 7)

Looking East

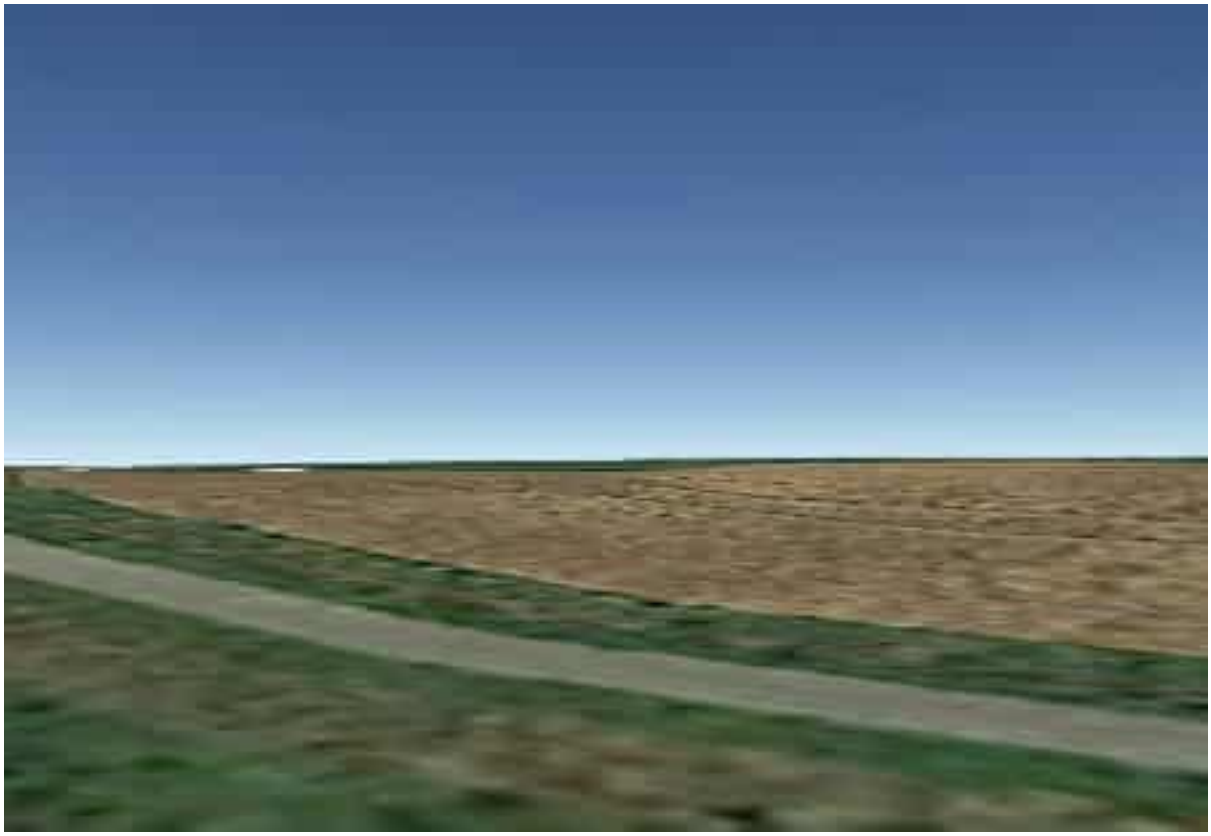


Looking West



Receptor 161 (Group C Receptor 8)

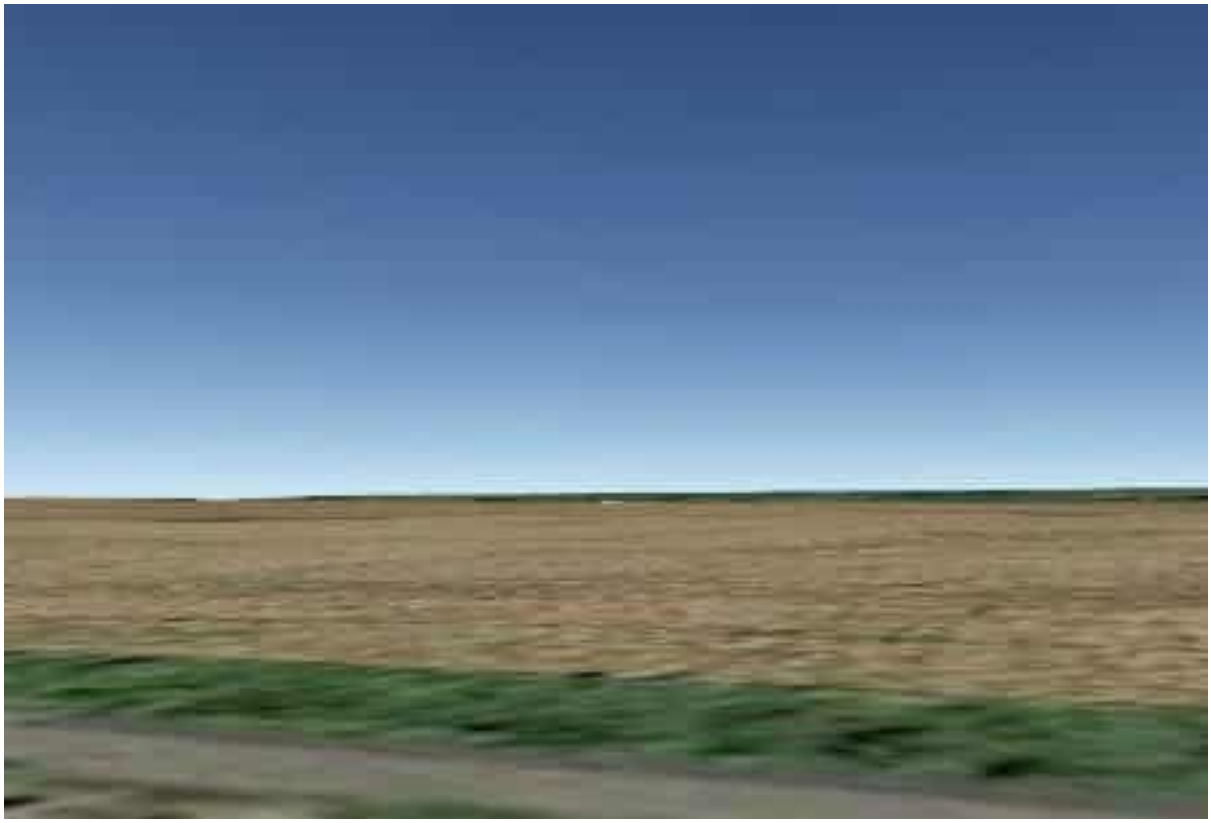
Looking East



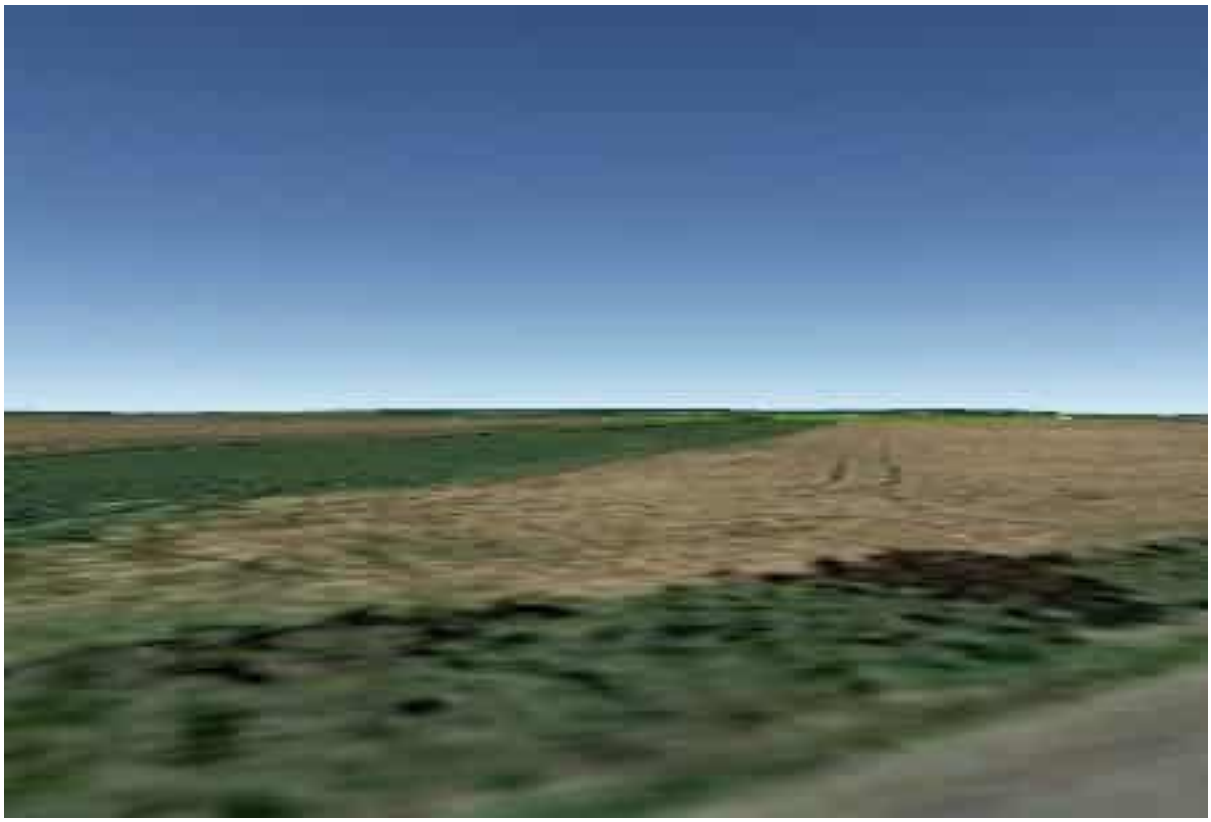
Looking West

Receptor 162 (Group C Receptor 9)

Looking East

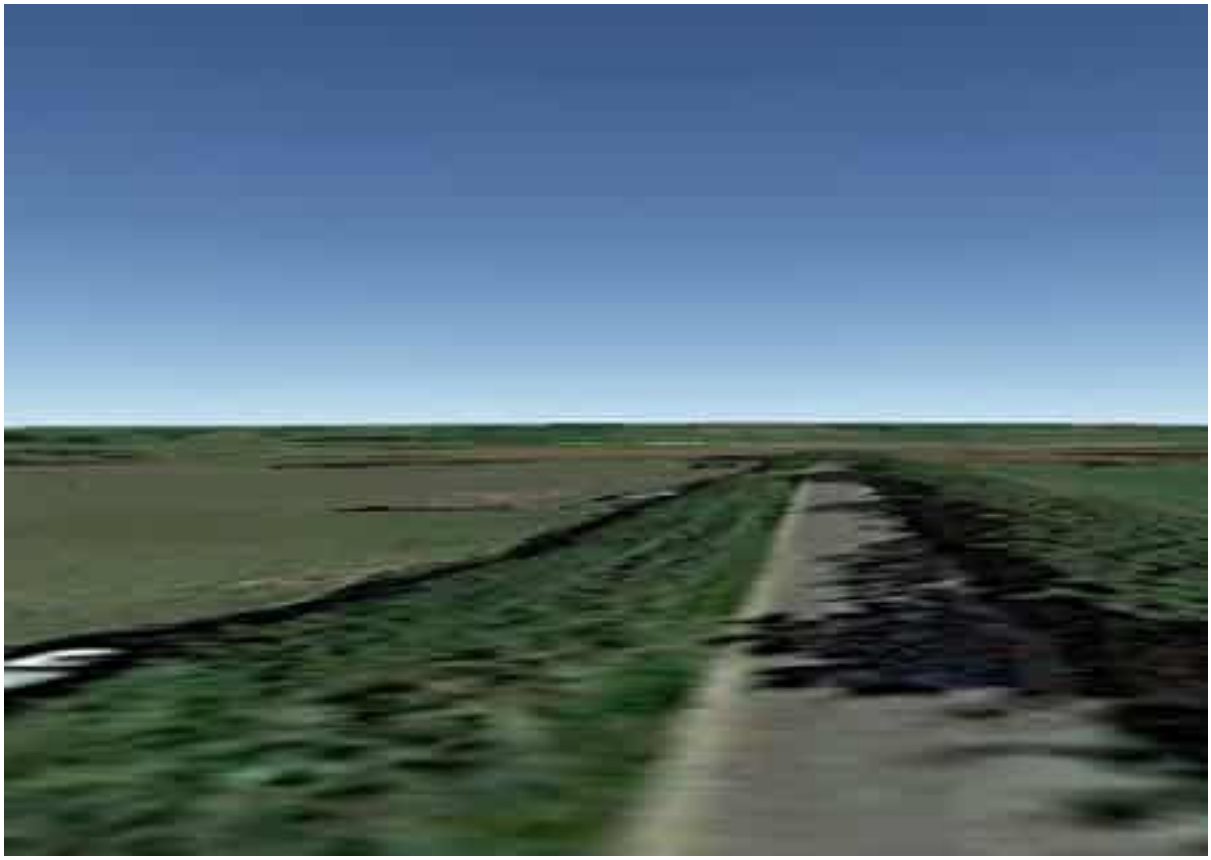


Looking West

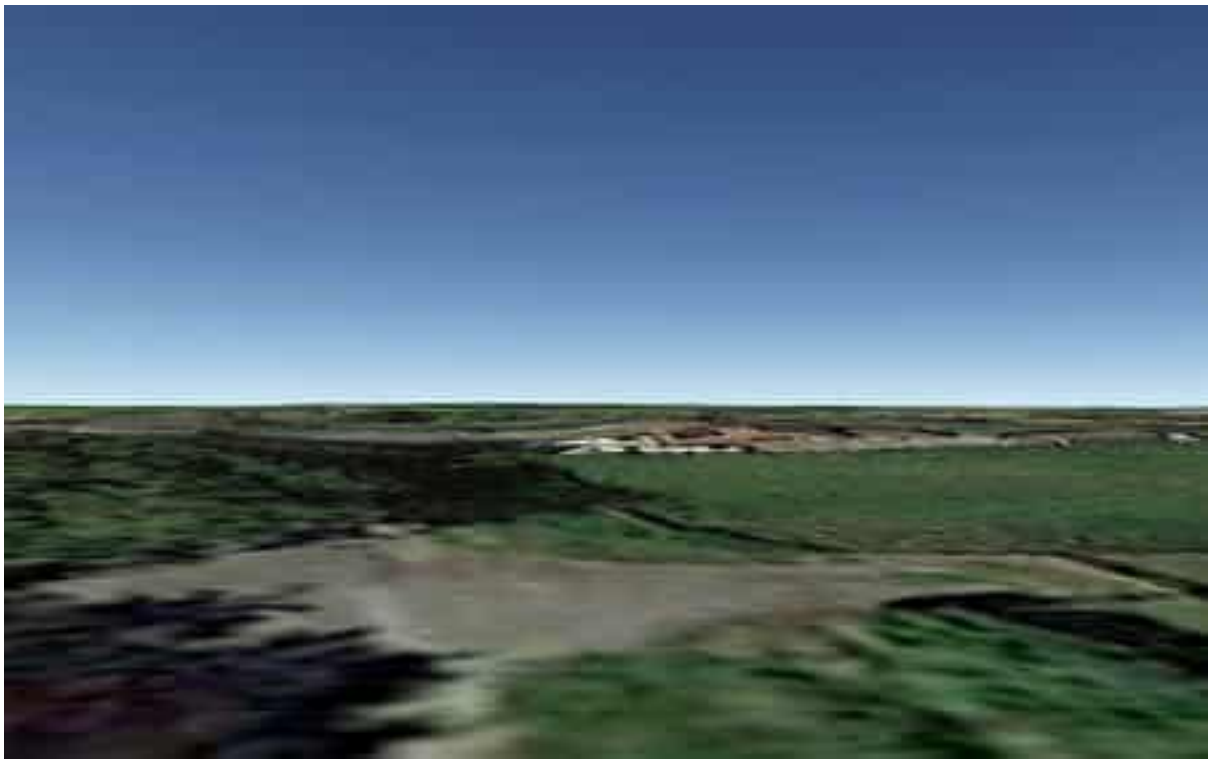


Receptor 163 (Group C Receptor 10)

Looking East

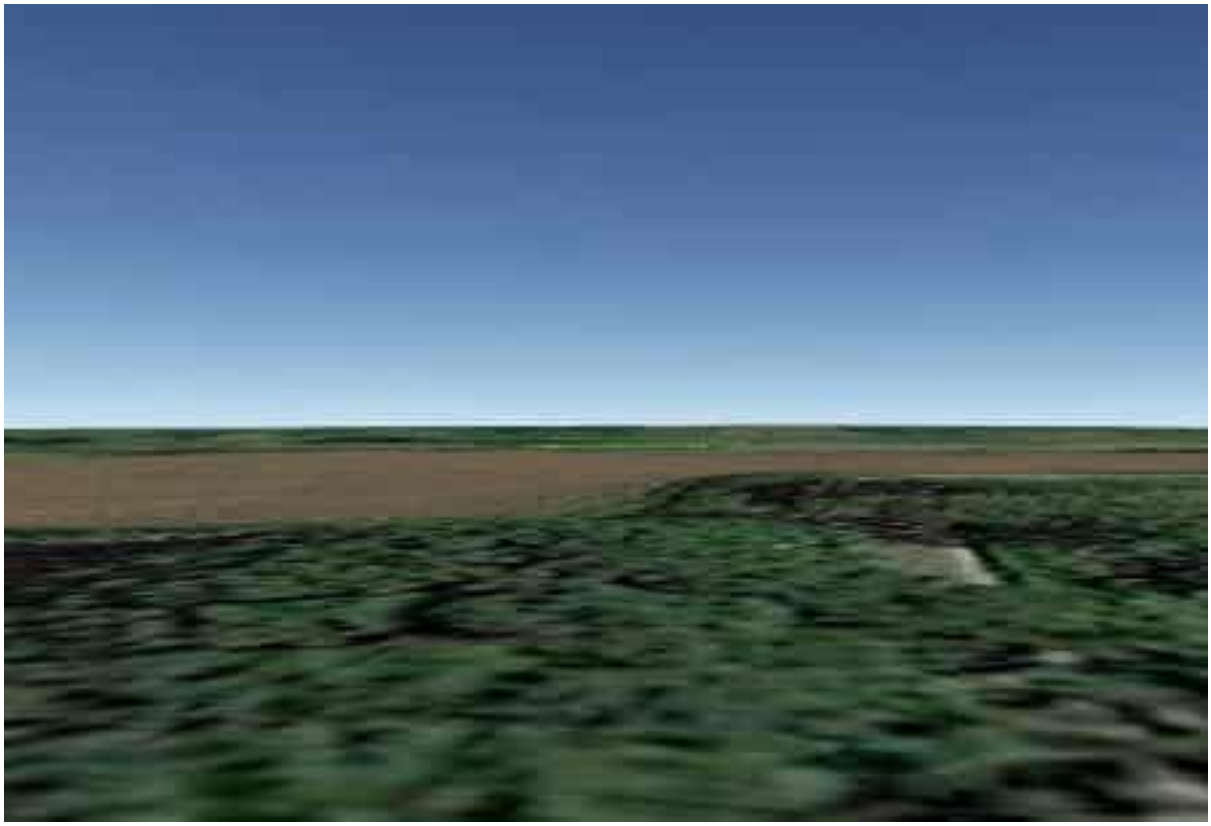


Looking West

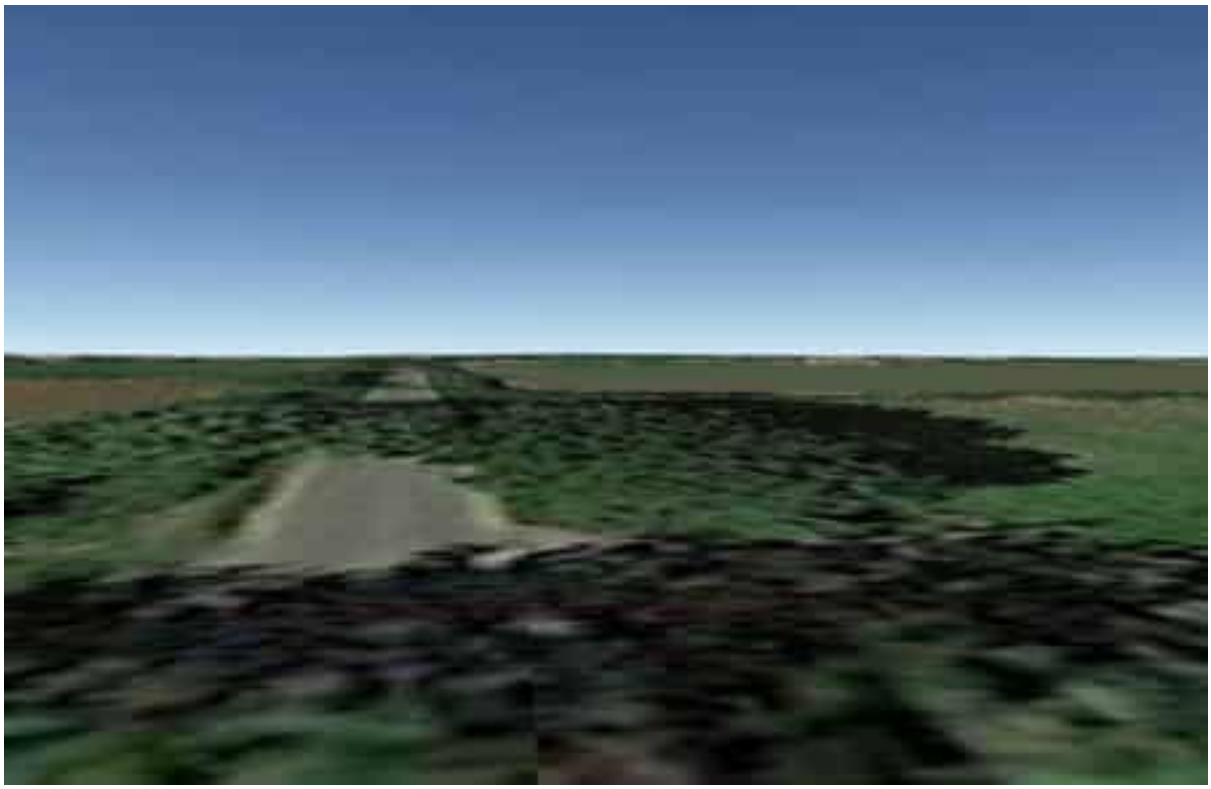


Receptor 164 (Group C Receptor 11)

Looking East

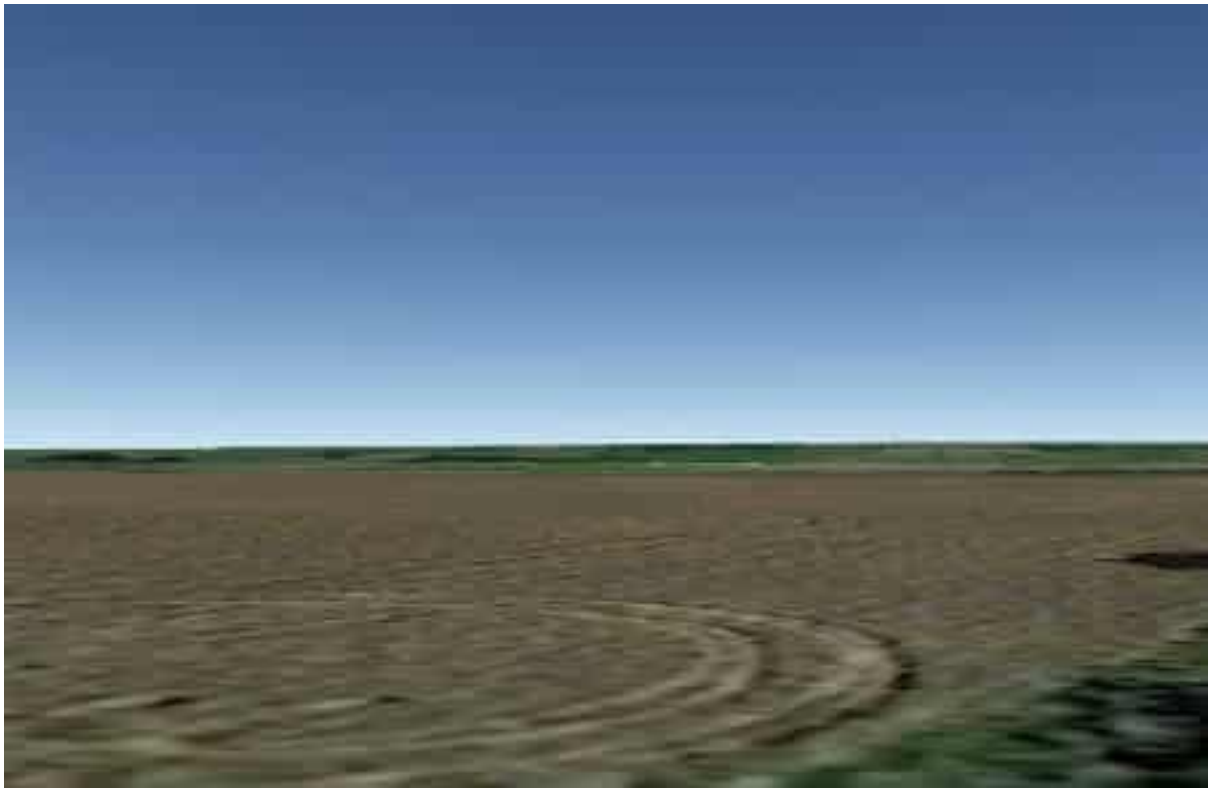


Looking West



Receptor 165 (Group C Receptor 12)

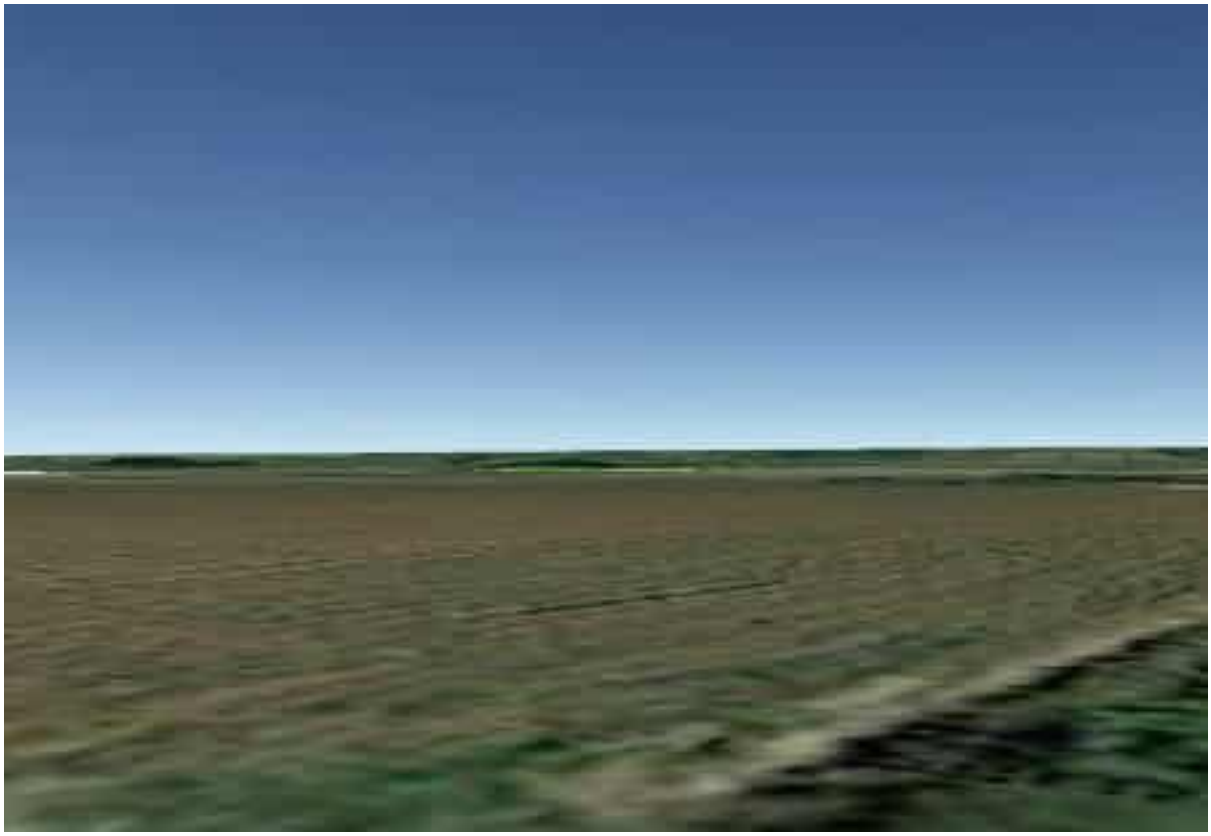
Looking East



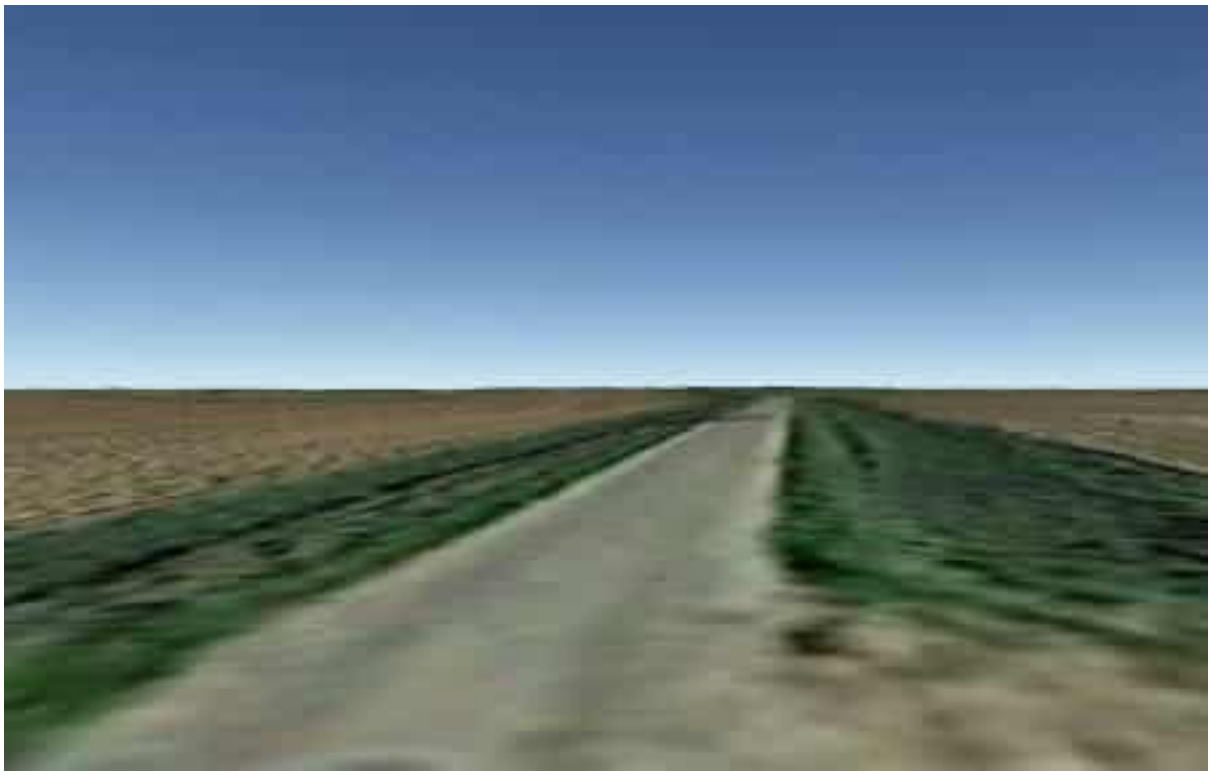
Looking West

Receptor 166 (Group C Receptor 13)

Looking East

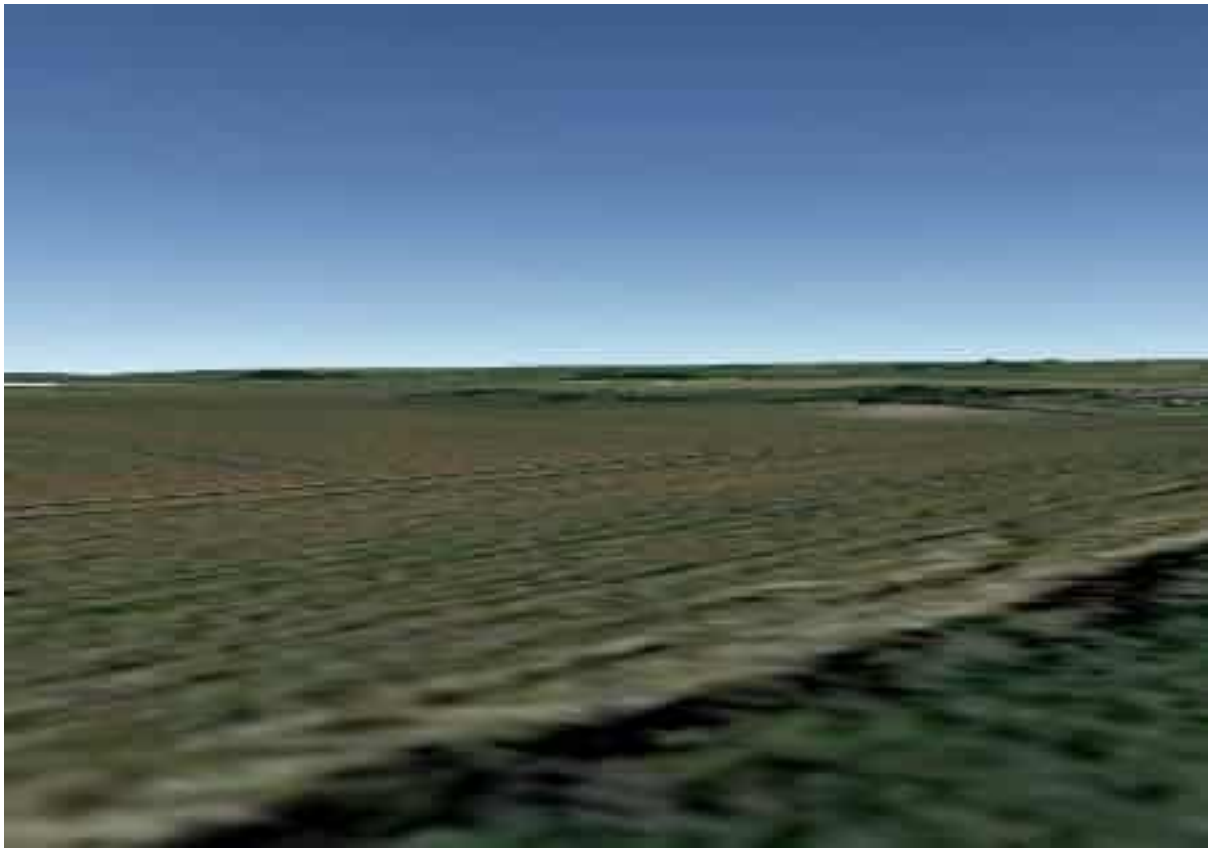


Looking West

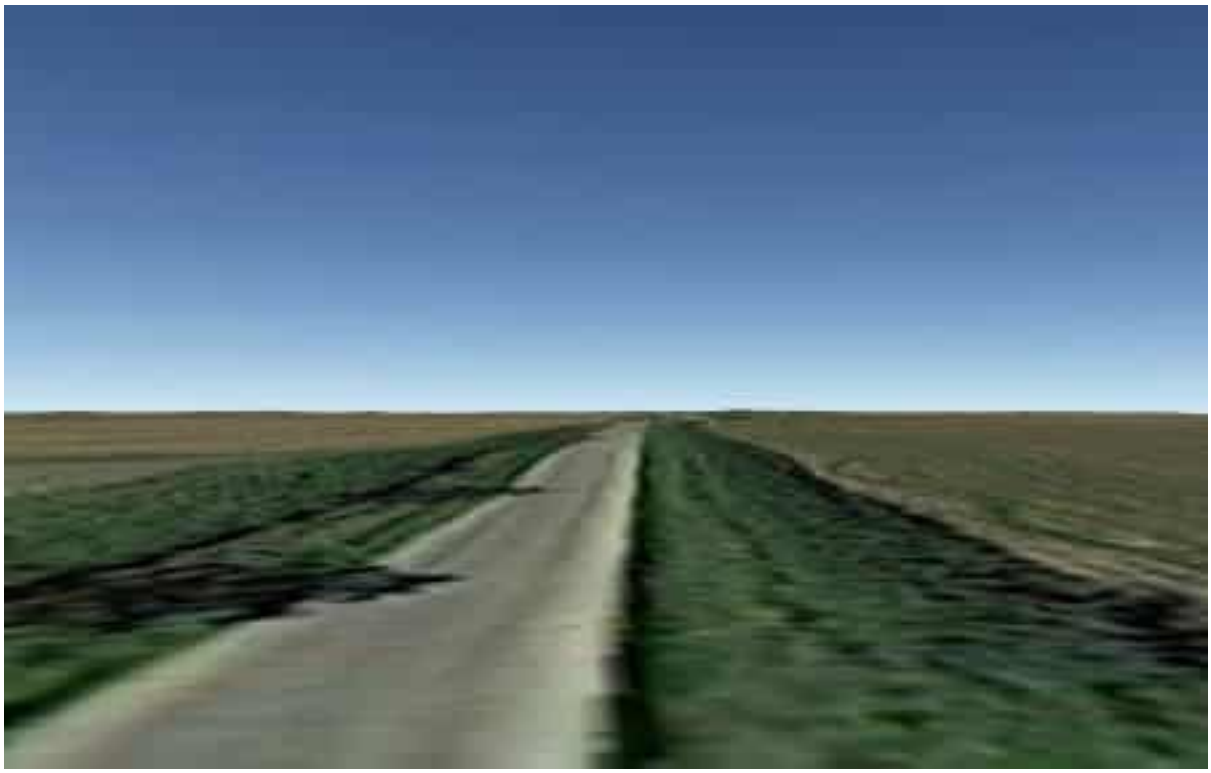


Receptor 167 (Group C Receptor 14)

Looking East

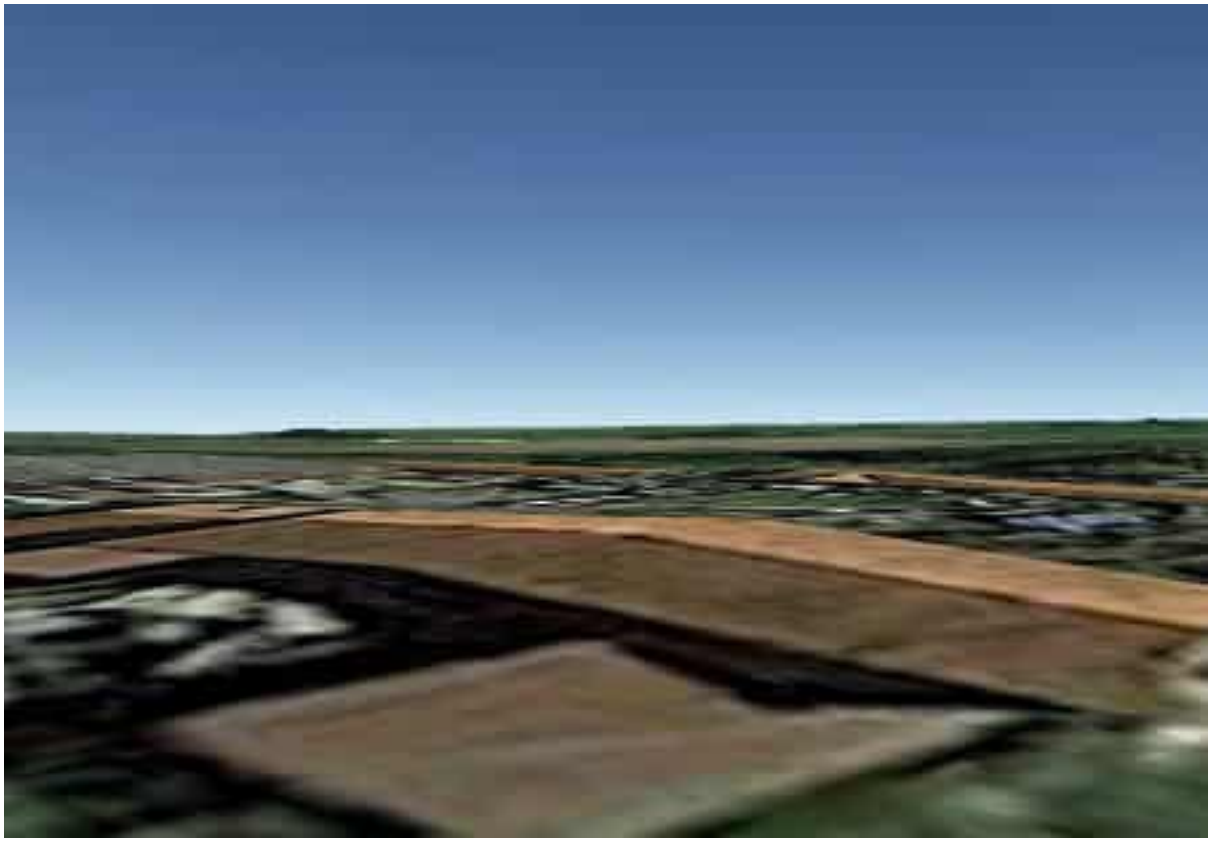


Looking West

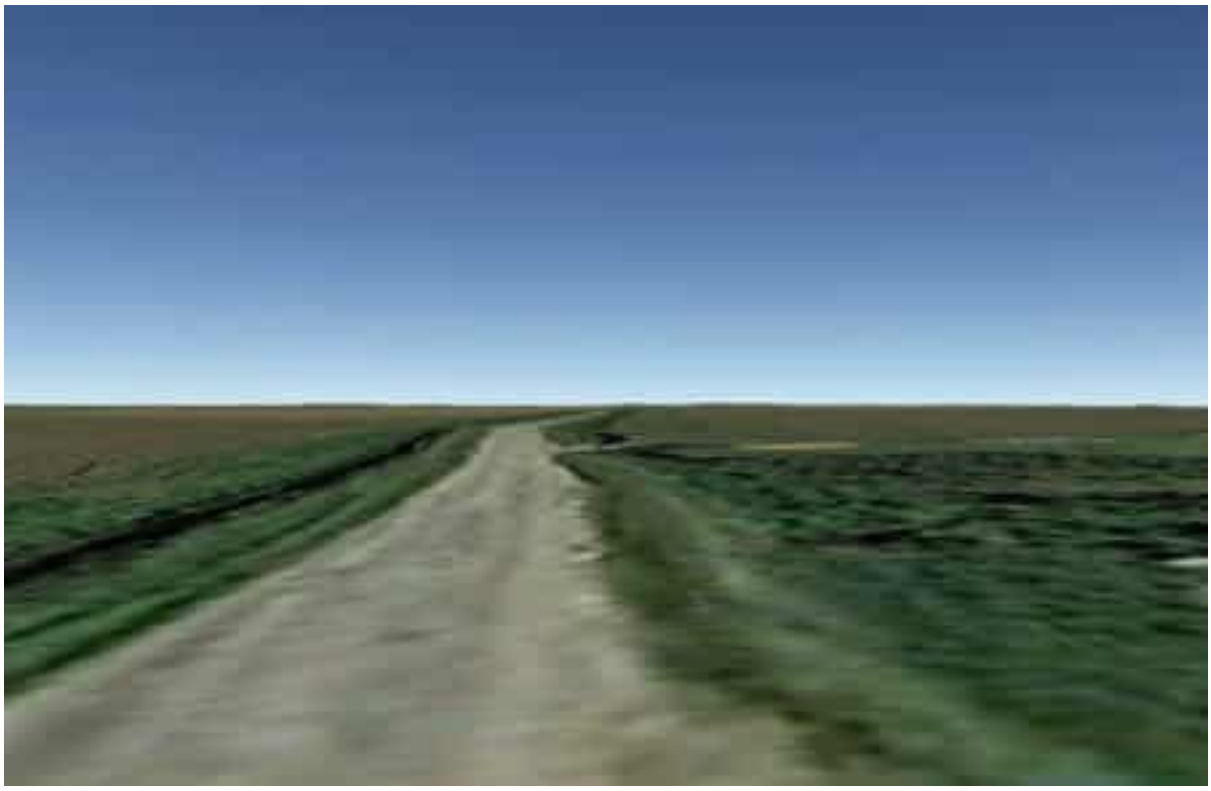


Receptor 168 (Group C Receptor 15)

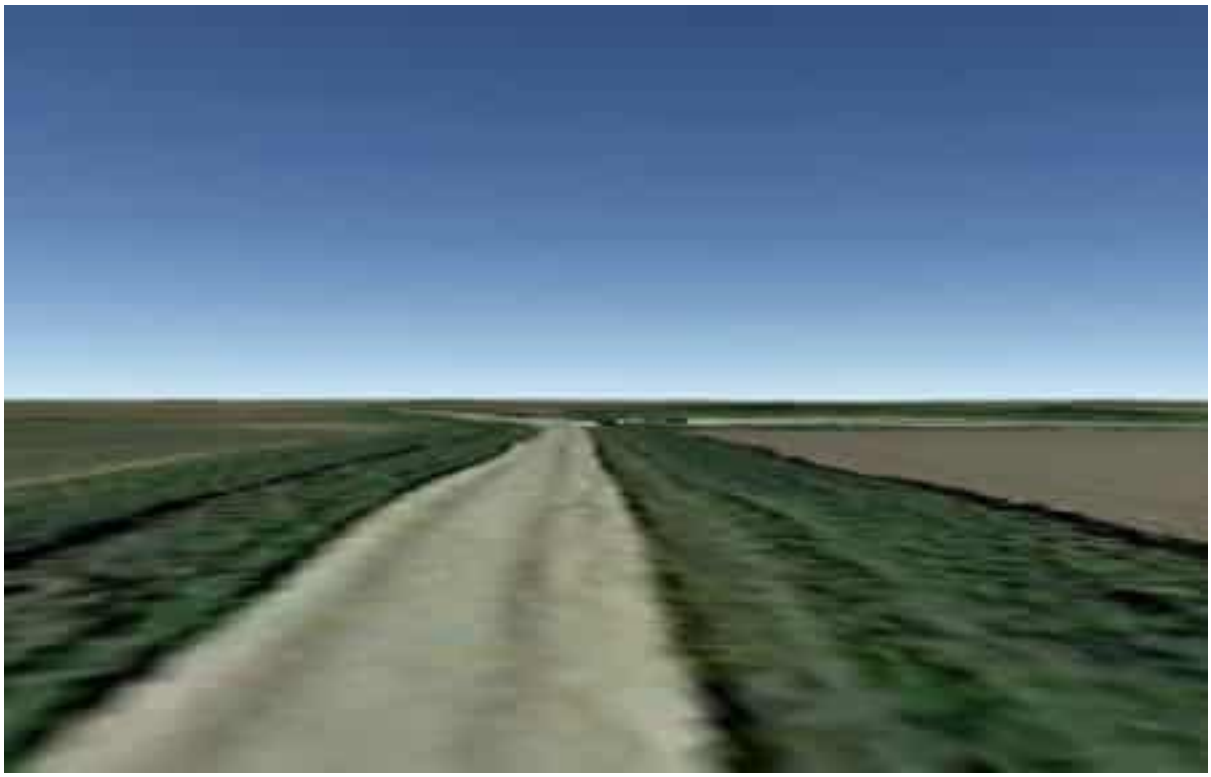
Looking East



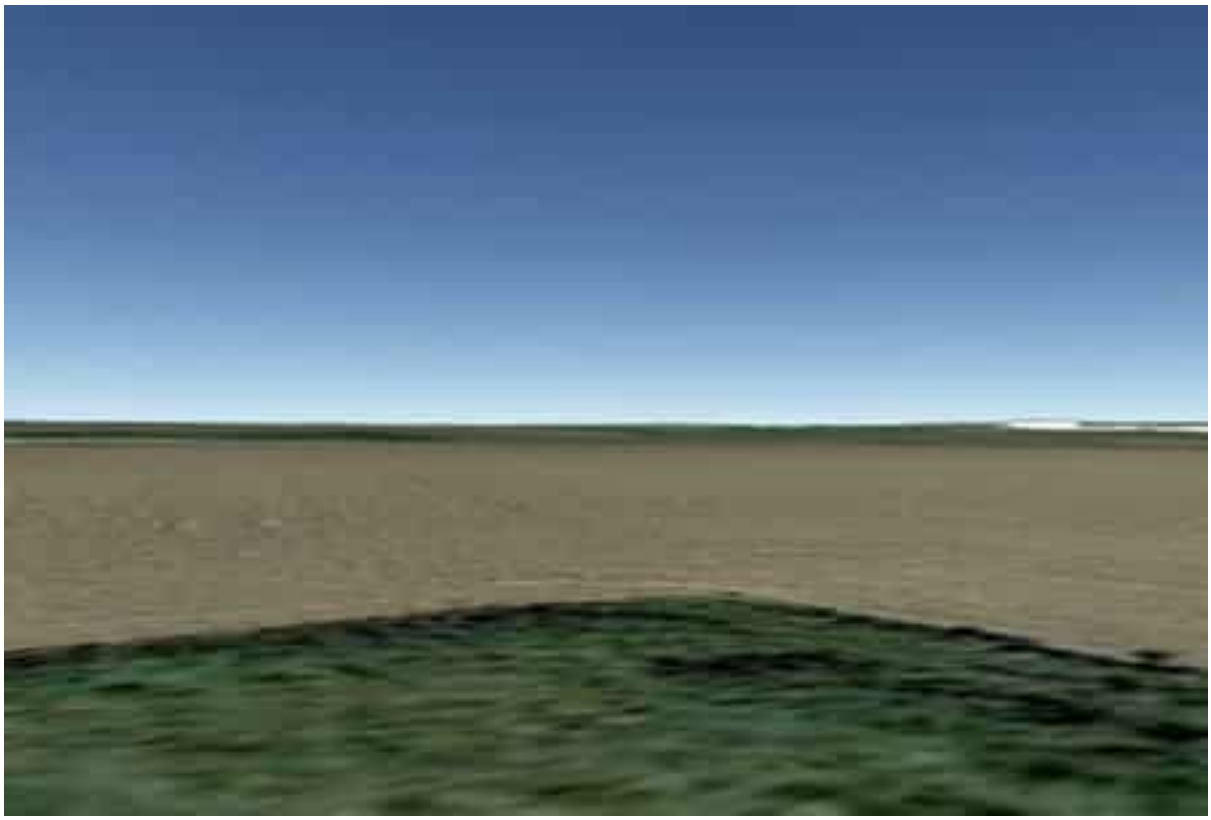
Looking West



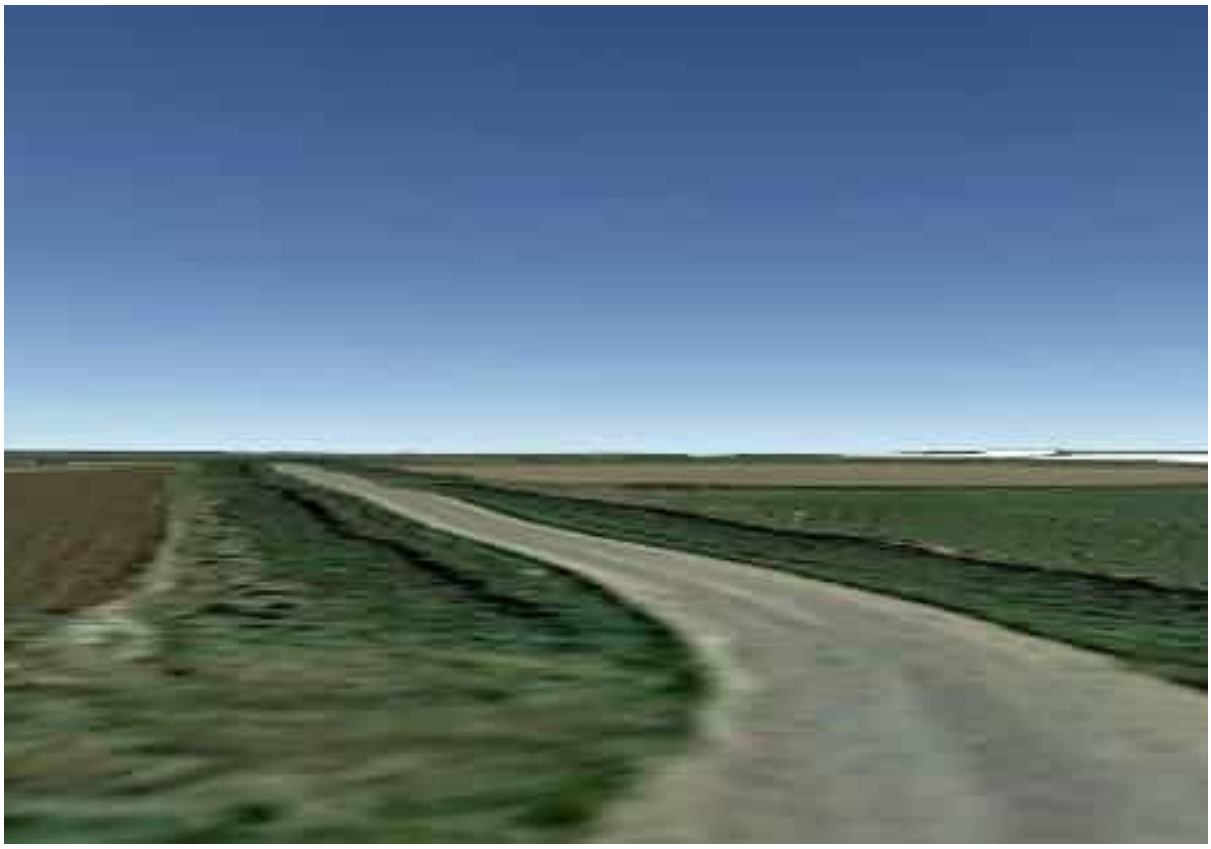
Receptor 169 (Group C Receptor 16)



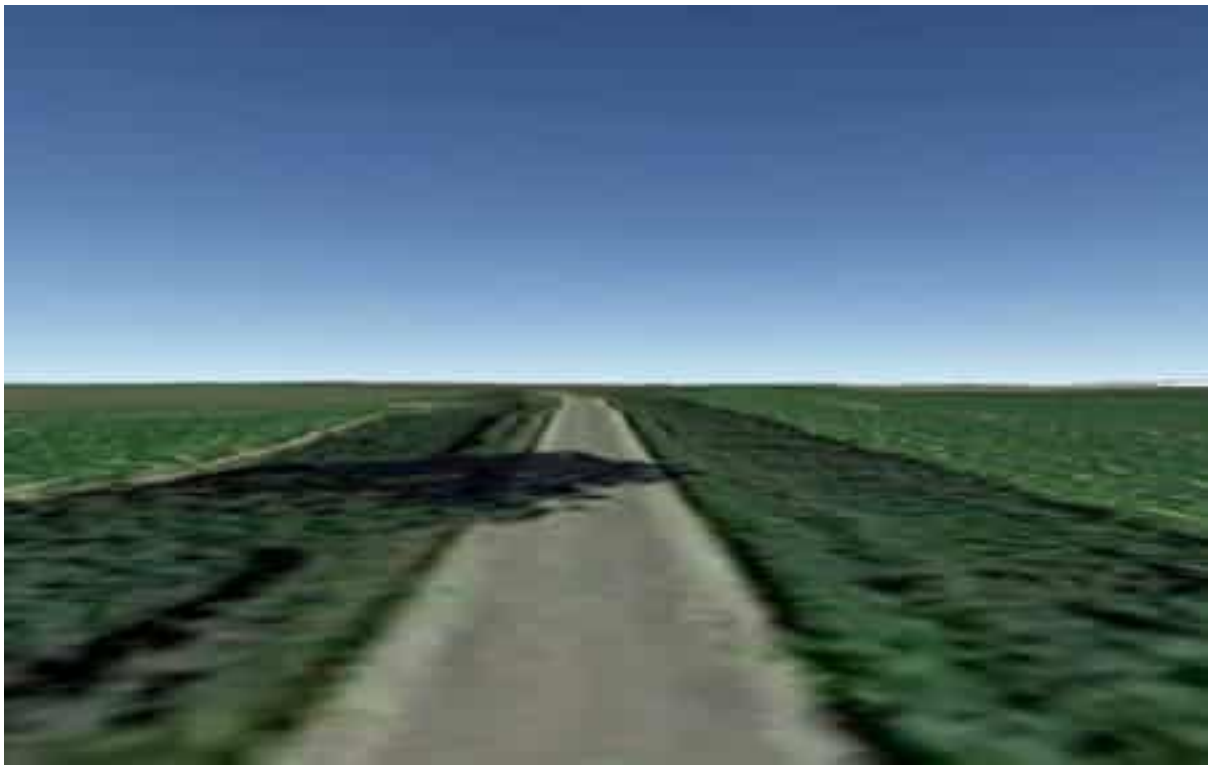
Receptor 170 (Group C Receptor 17)



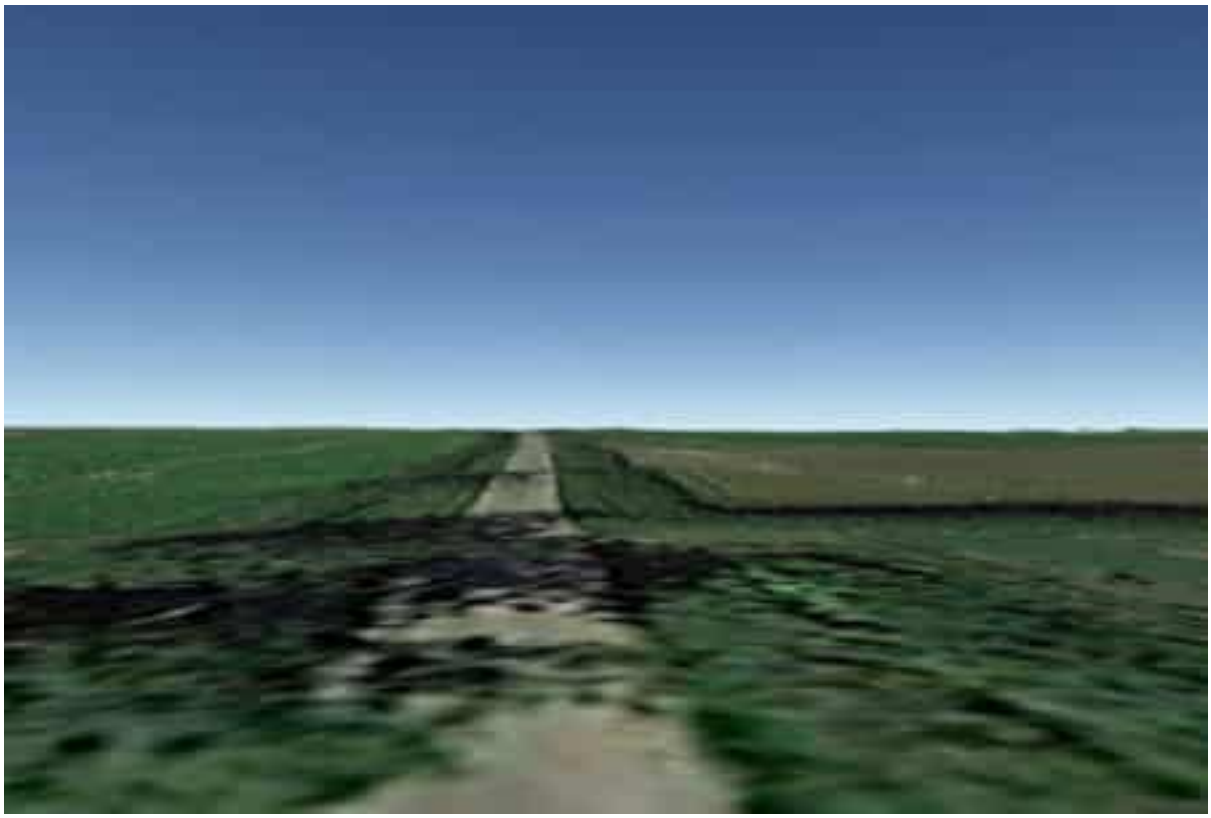
Receptor 171 (Group C Receptor 18)



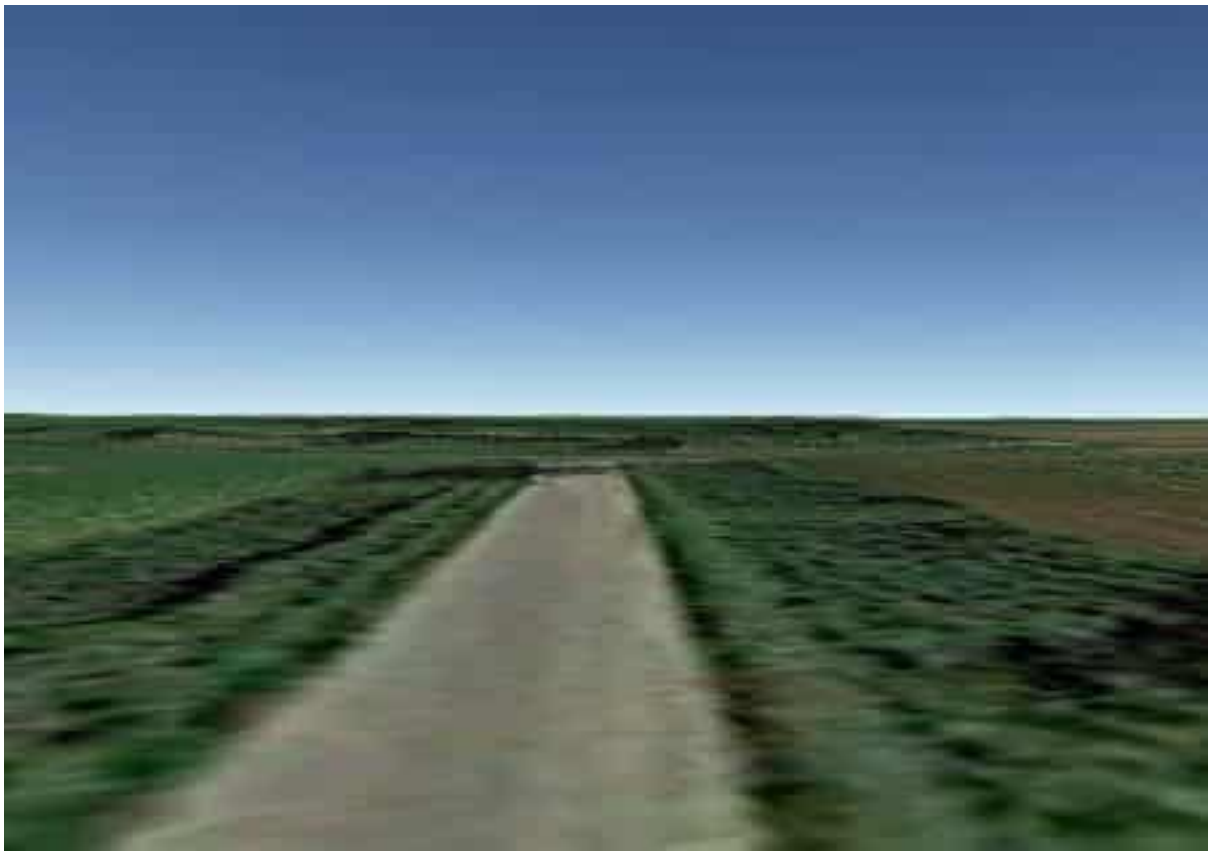
Receptor 172 (Group C Receptor 19)



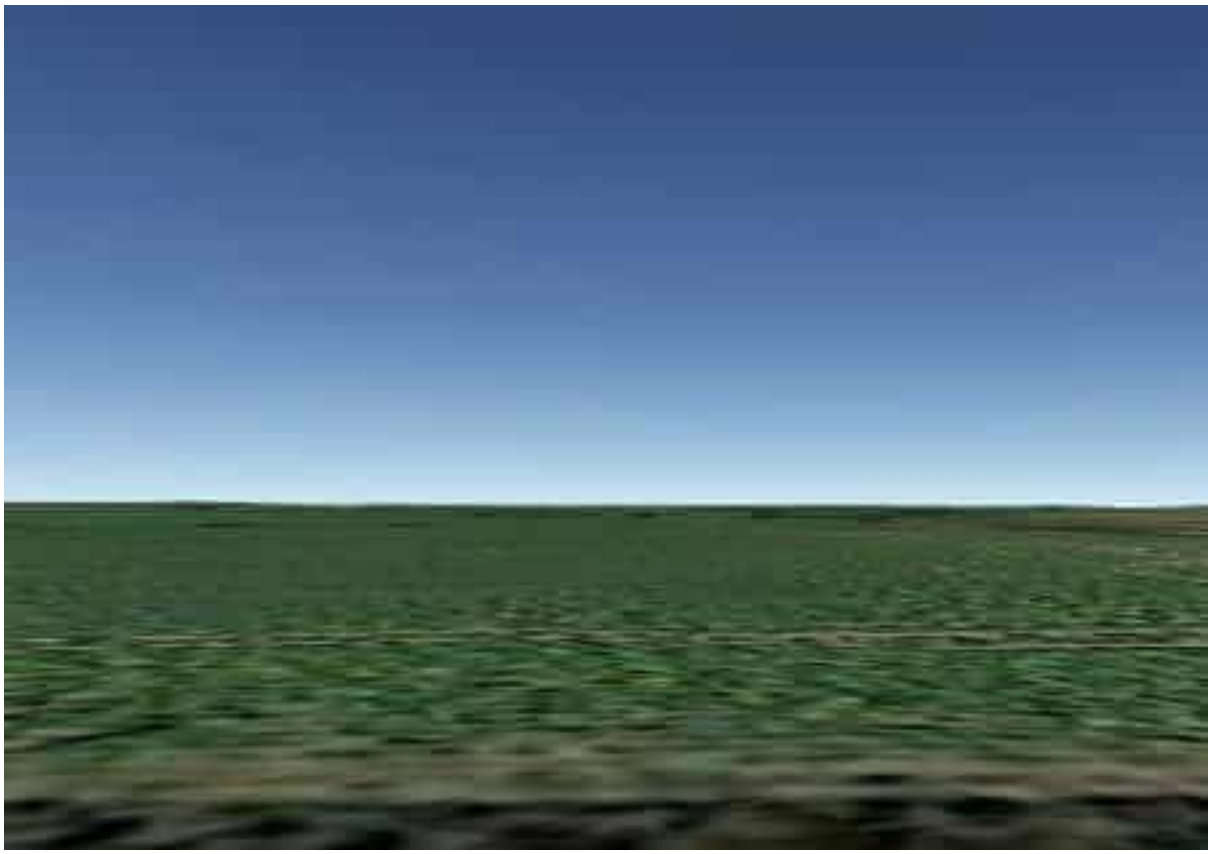
Receptor 173 (Group C Receptor 20)



Receptor 174 (Group C Receptor 21)



Receptor 175 (Group C Receptor 22)



Receptor 176 (Group C Receptor 23)

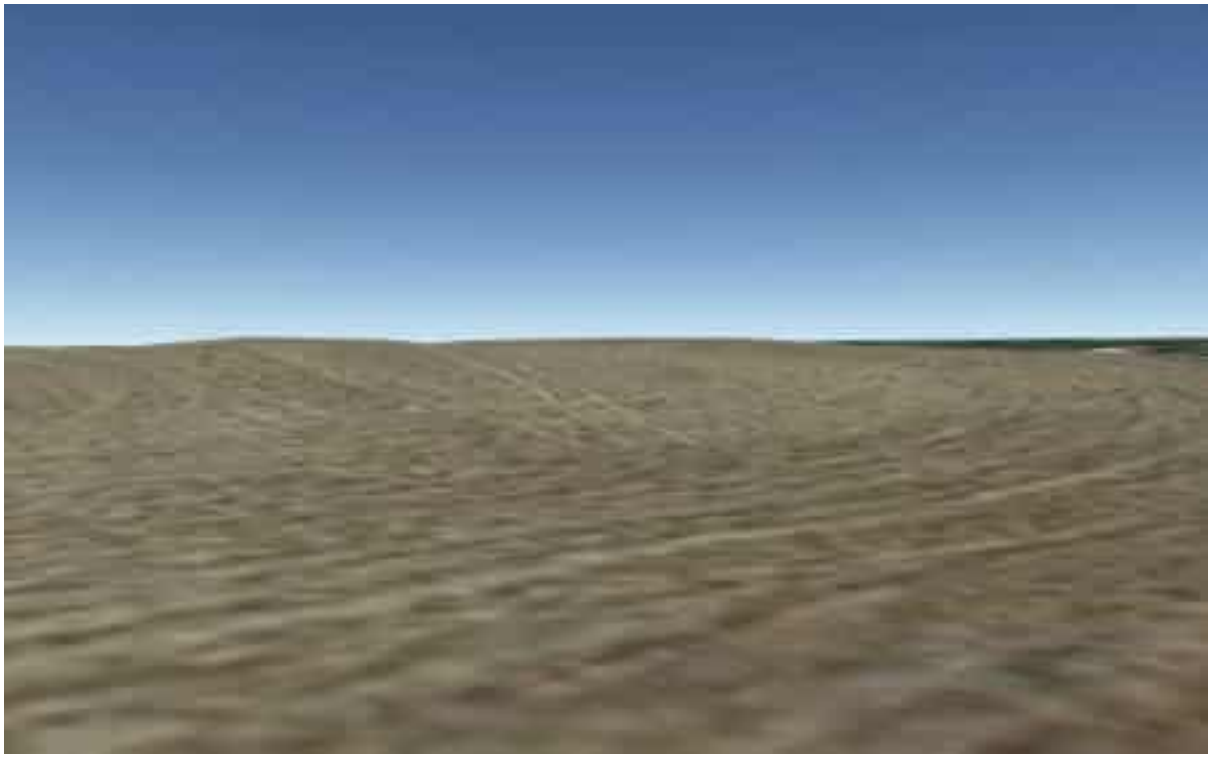
Receptor 177 (Group C Receptor 24)

Receptor 178 (Group C Receptor 25)

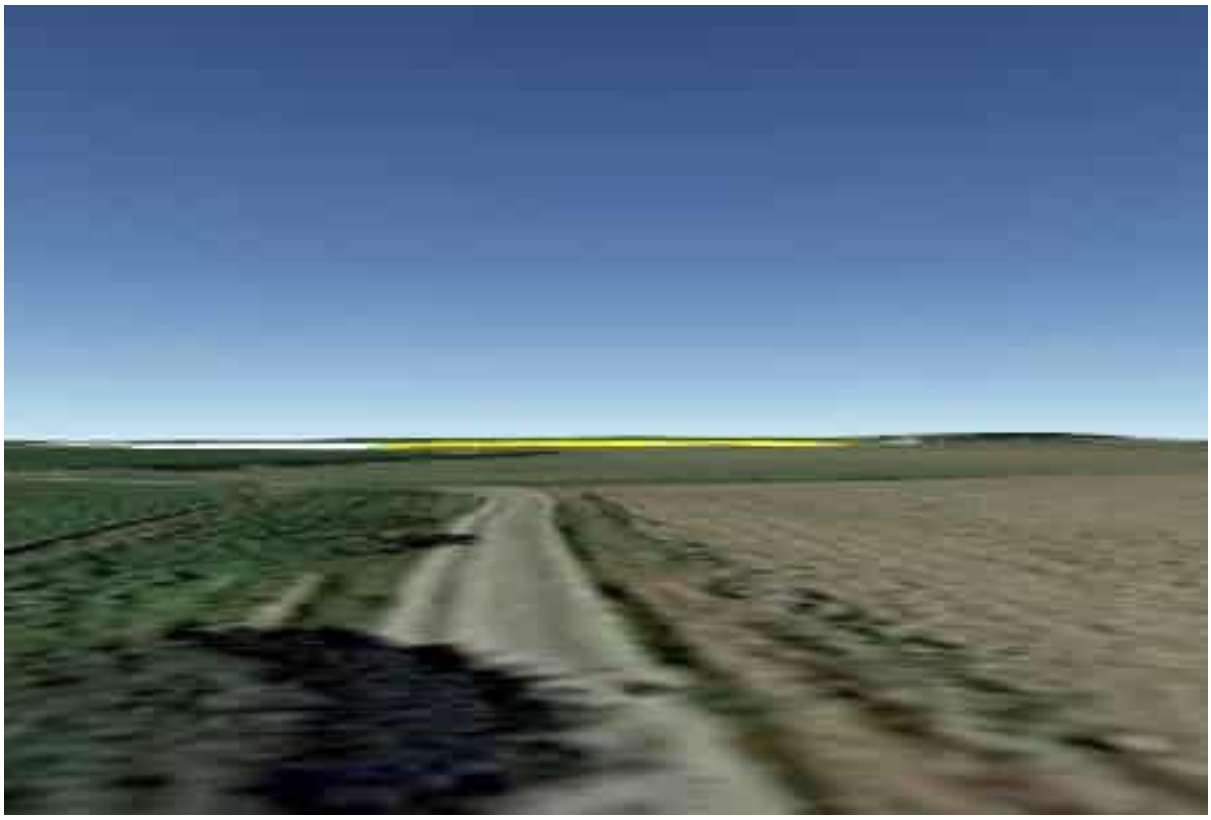
Receptor 179 (Group C Receptor 26)

Receptor 180 (Group C Receptor 27)

Looking East

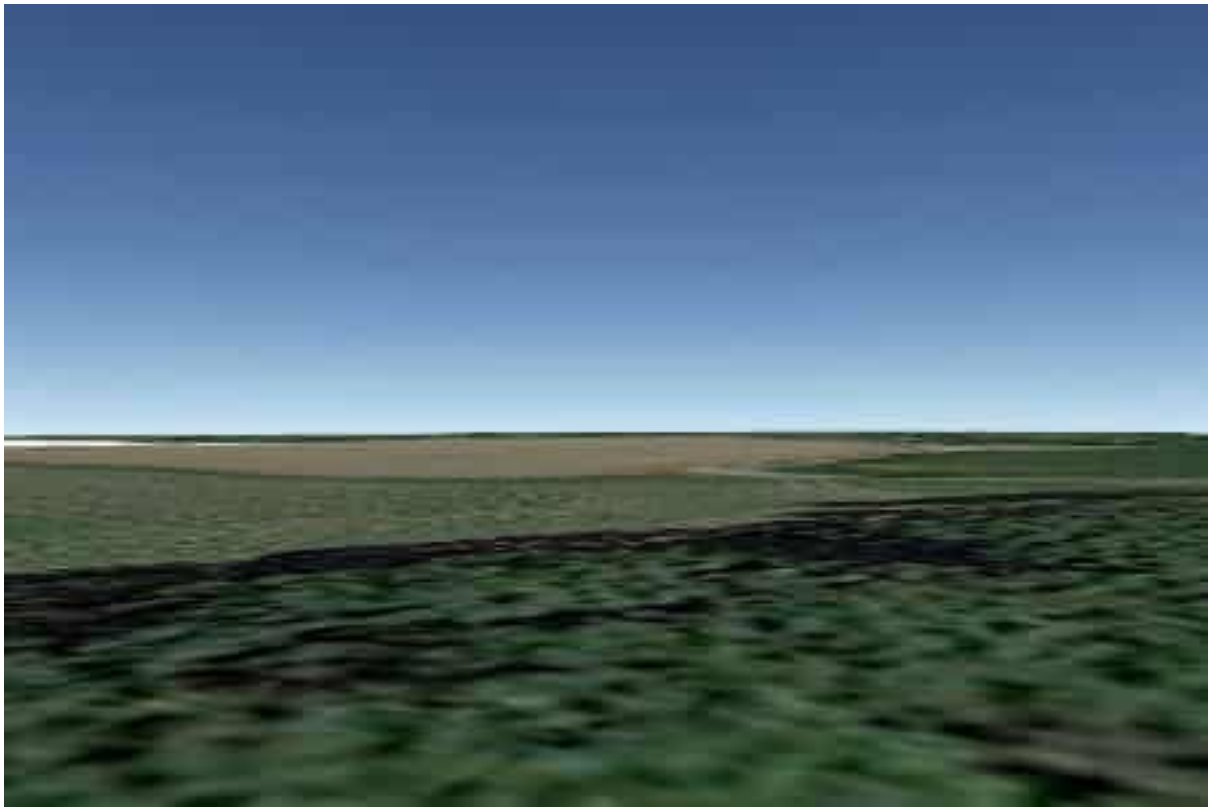


Looking West

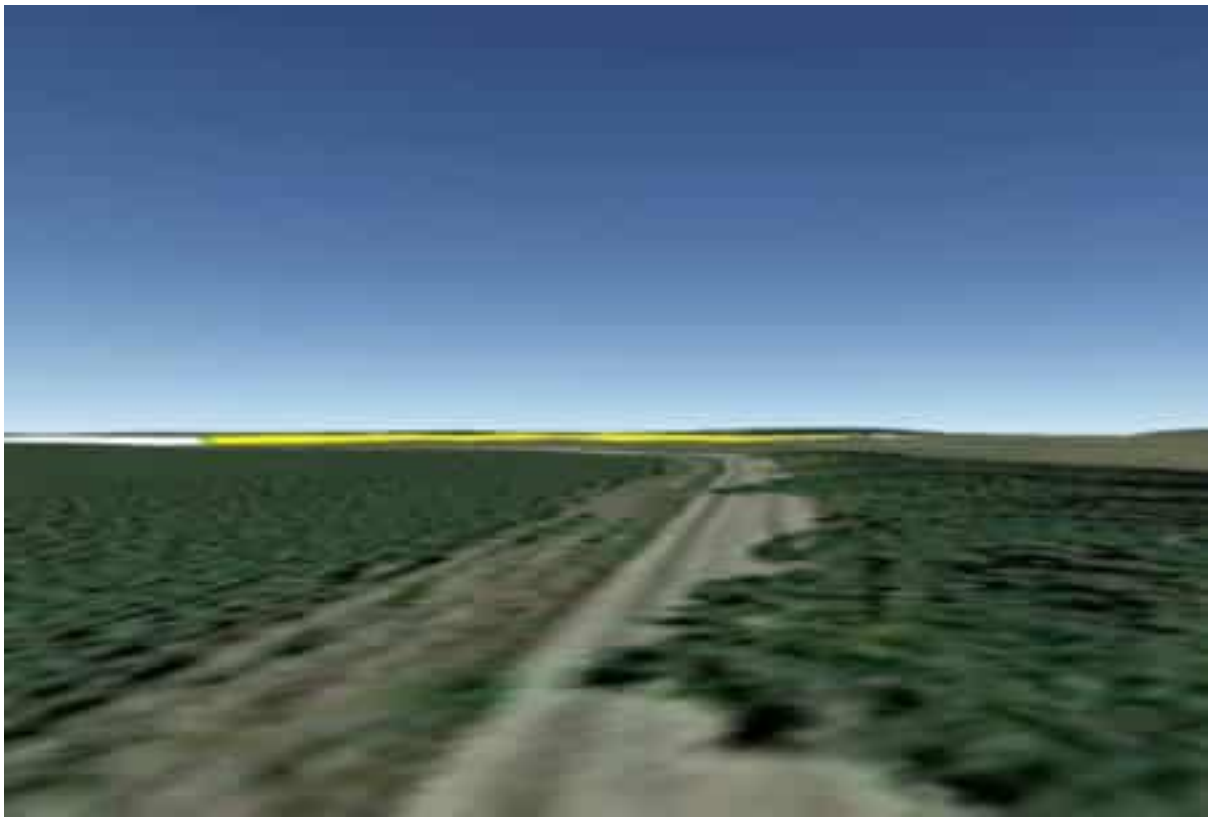


Receptor 181 (Group C Receptor 28)

Looking East



Looking West



Receptor 182 (Group C Receptor 29)

Looking Northeast

Receptor 183 (Group C Receptor 30)

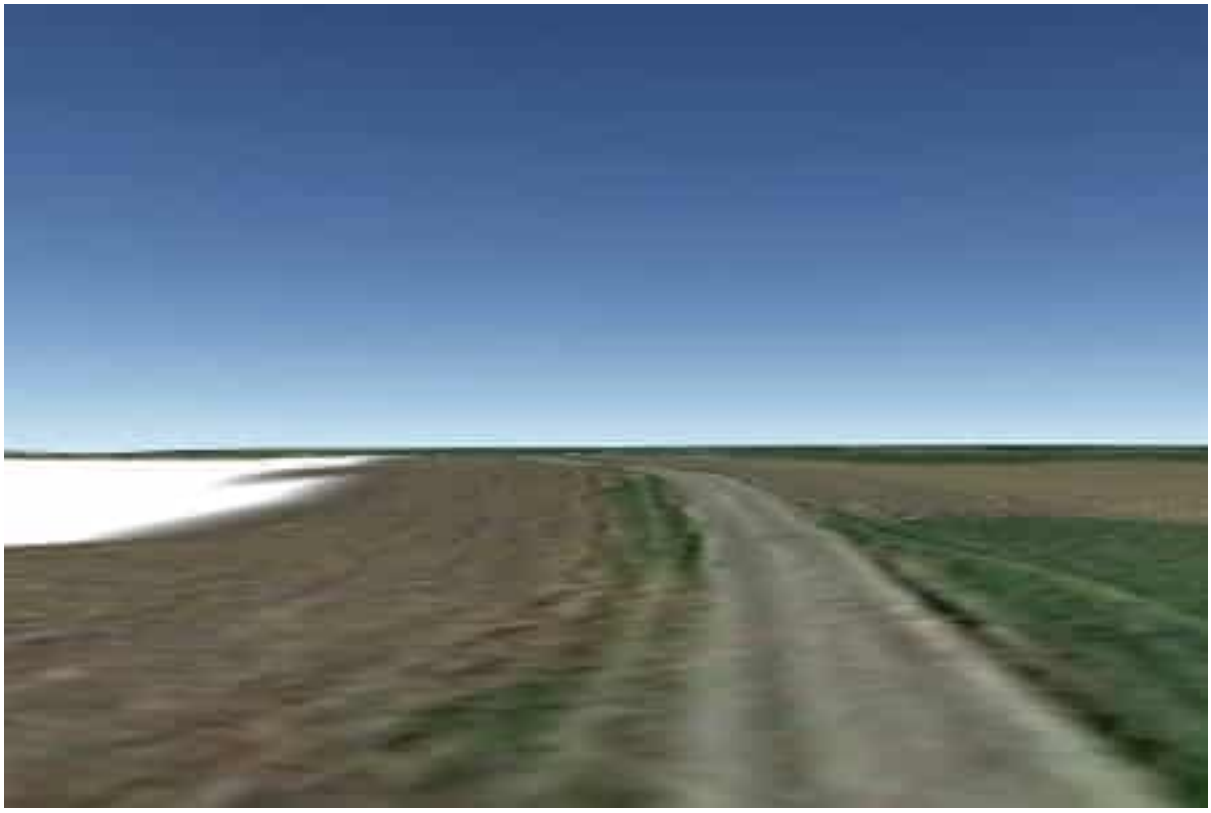
Looking East

Receptor 184 (Group C Receptor 31)

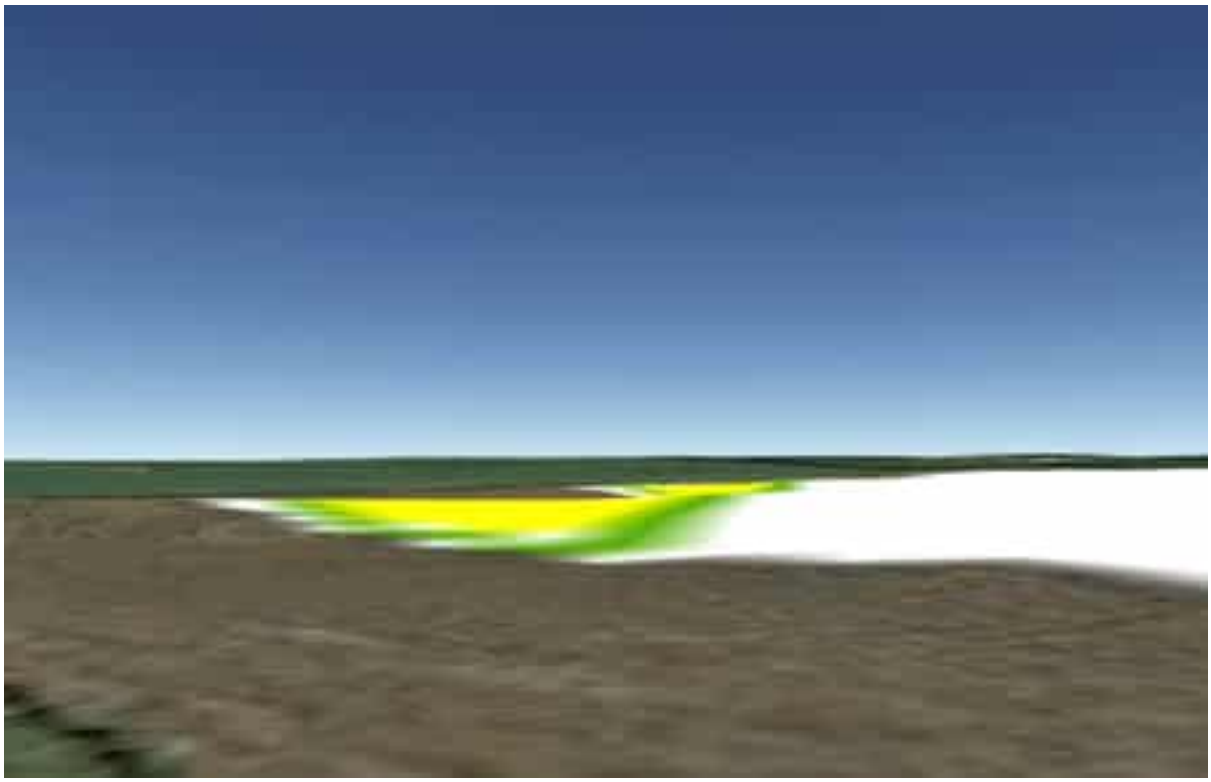
Looking Northeast

Receptor 185 (Group C Receptor 32)

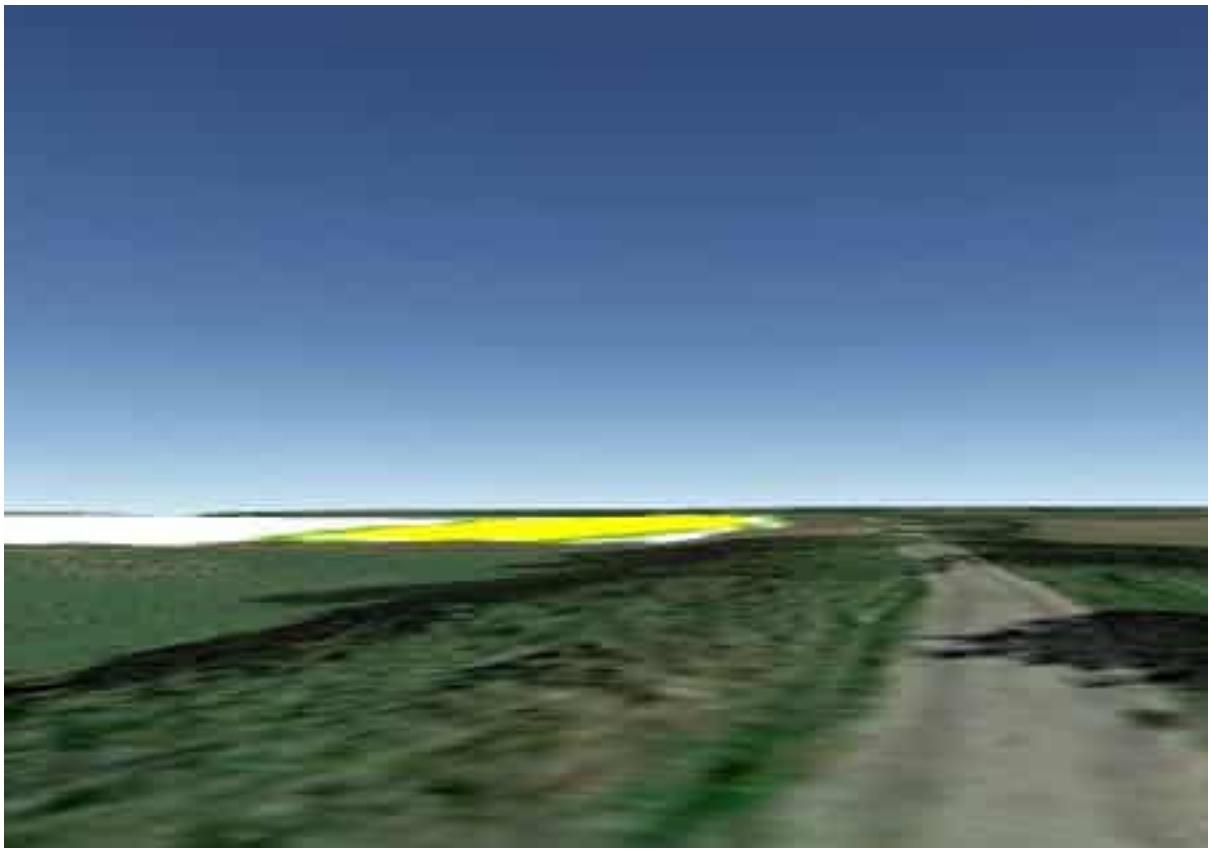
Looking Northeast



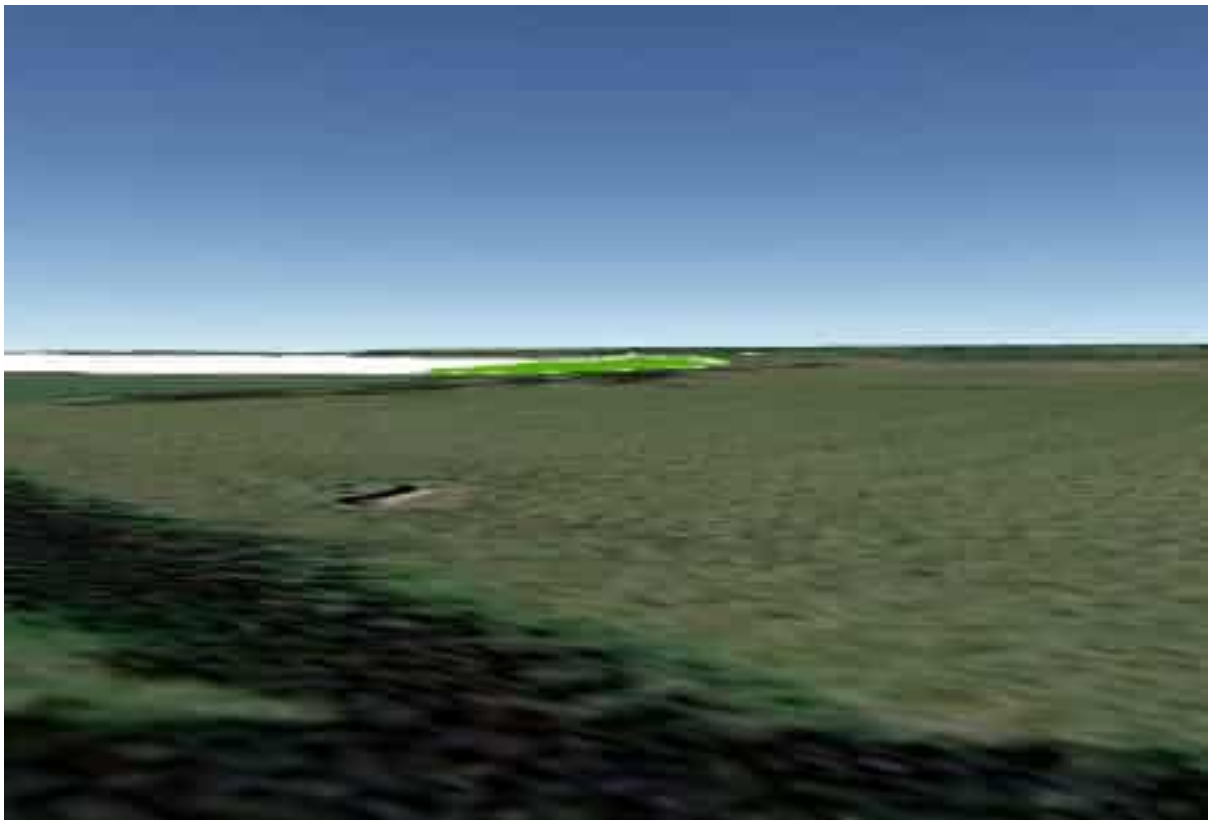
Looking West



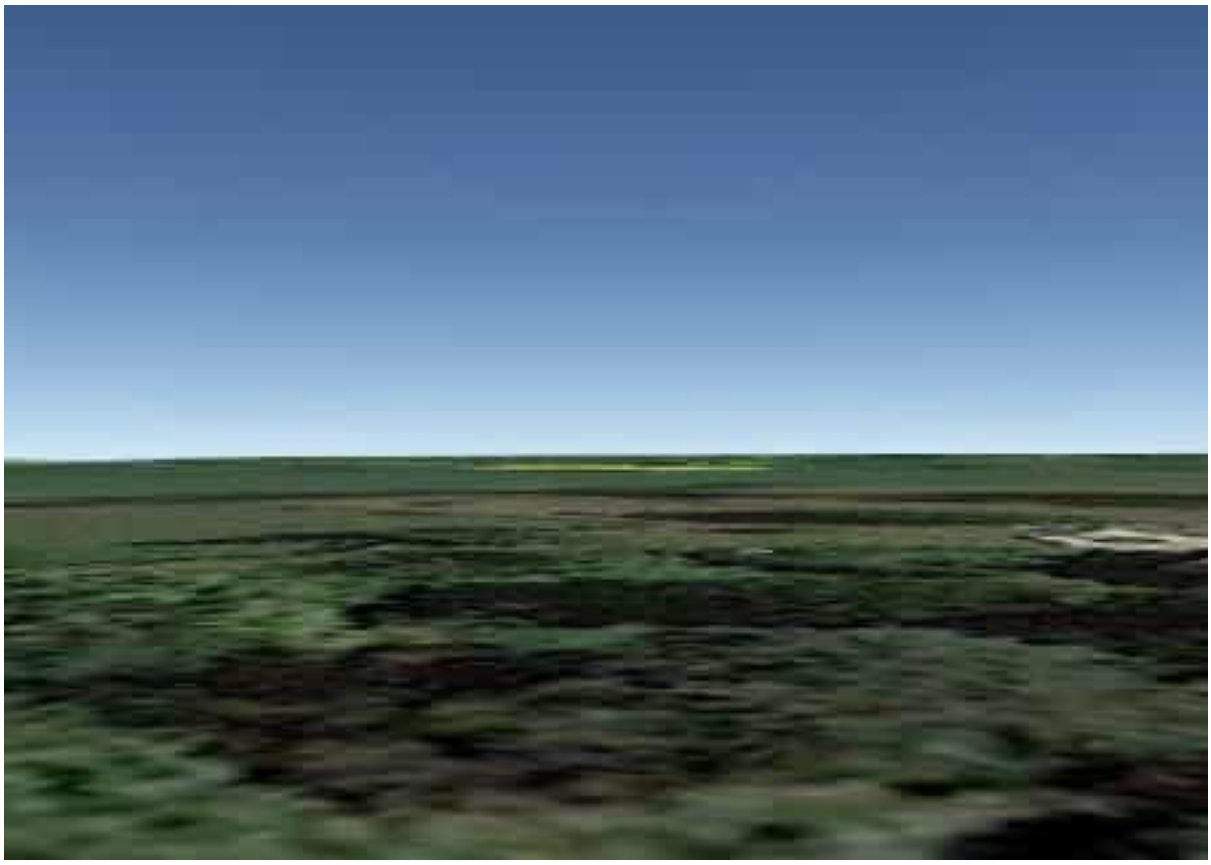
Receptor 186 (Group C Receptor 33)



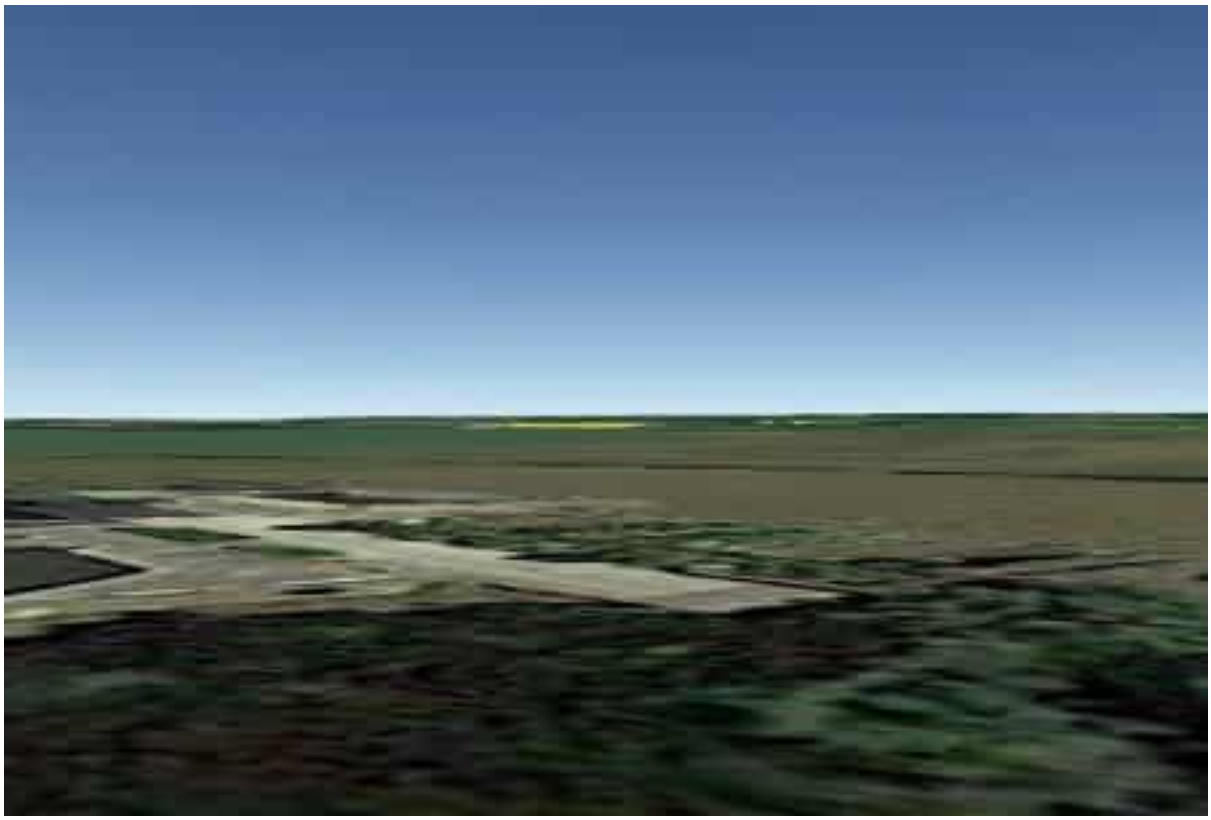
Receptor 187 (Group C Receptor 34)



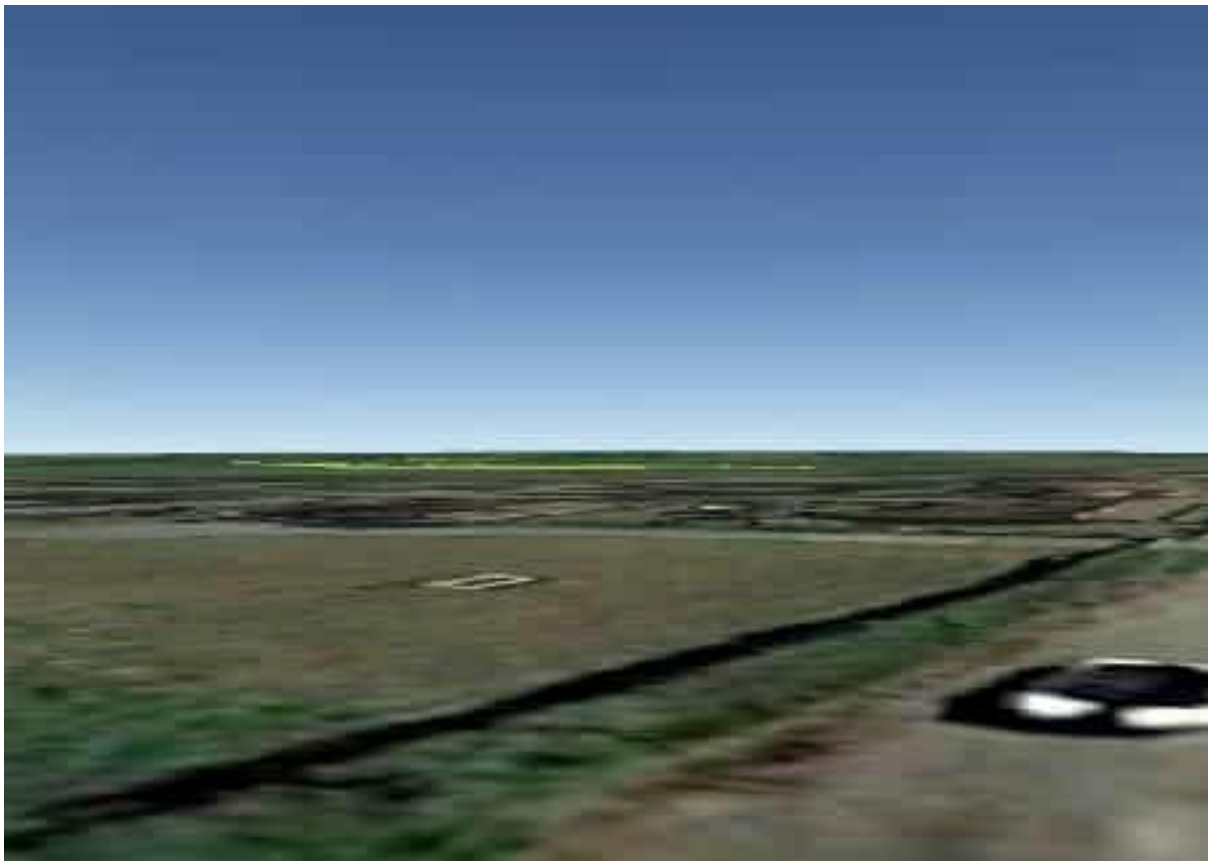
Receptor 188 (Group C Receptor 35)



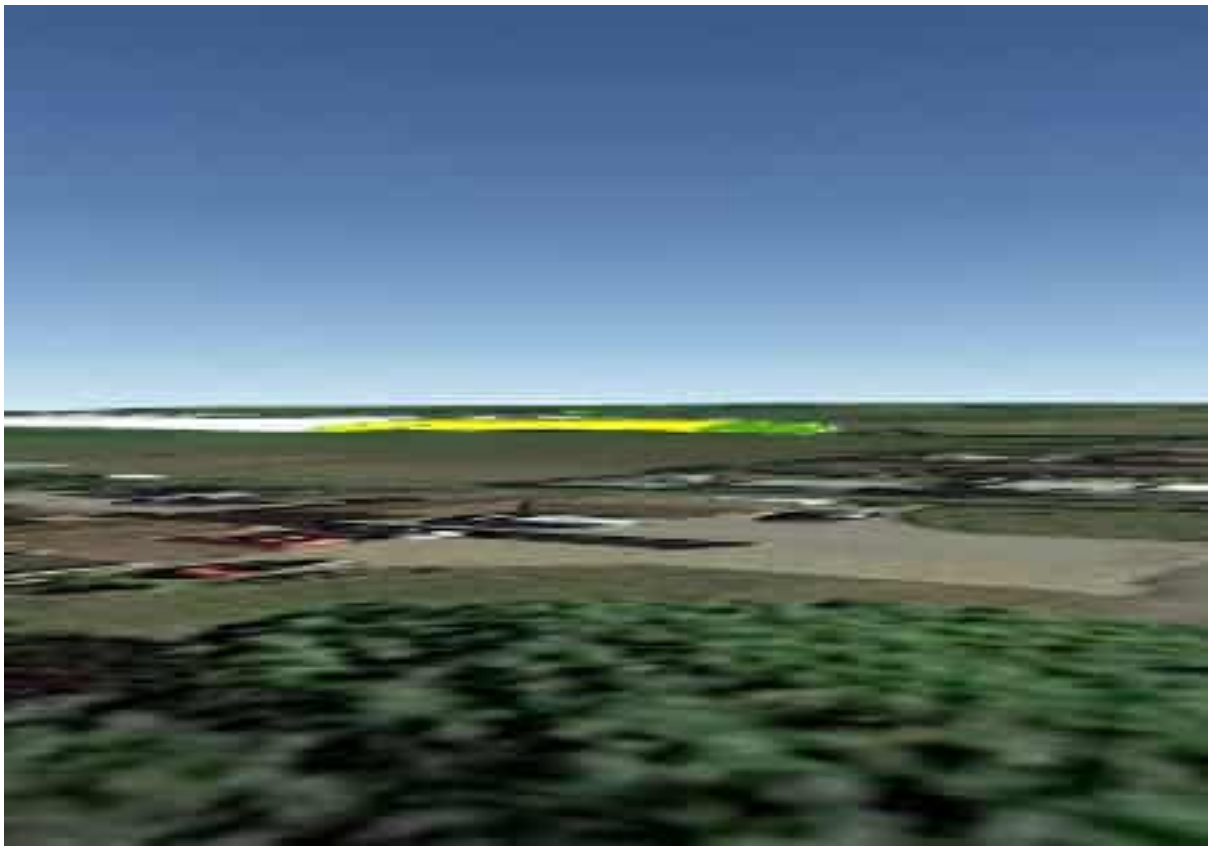
Receptor 189 (Group C Receptor 36)



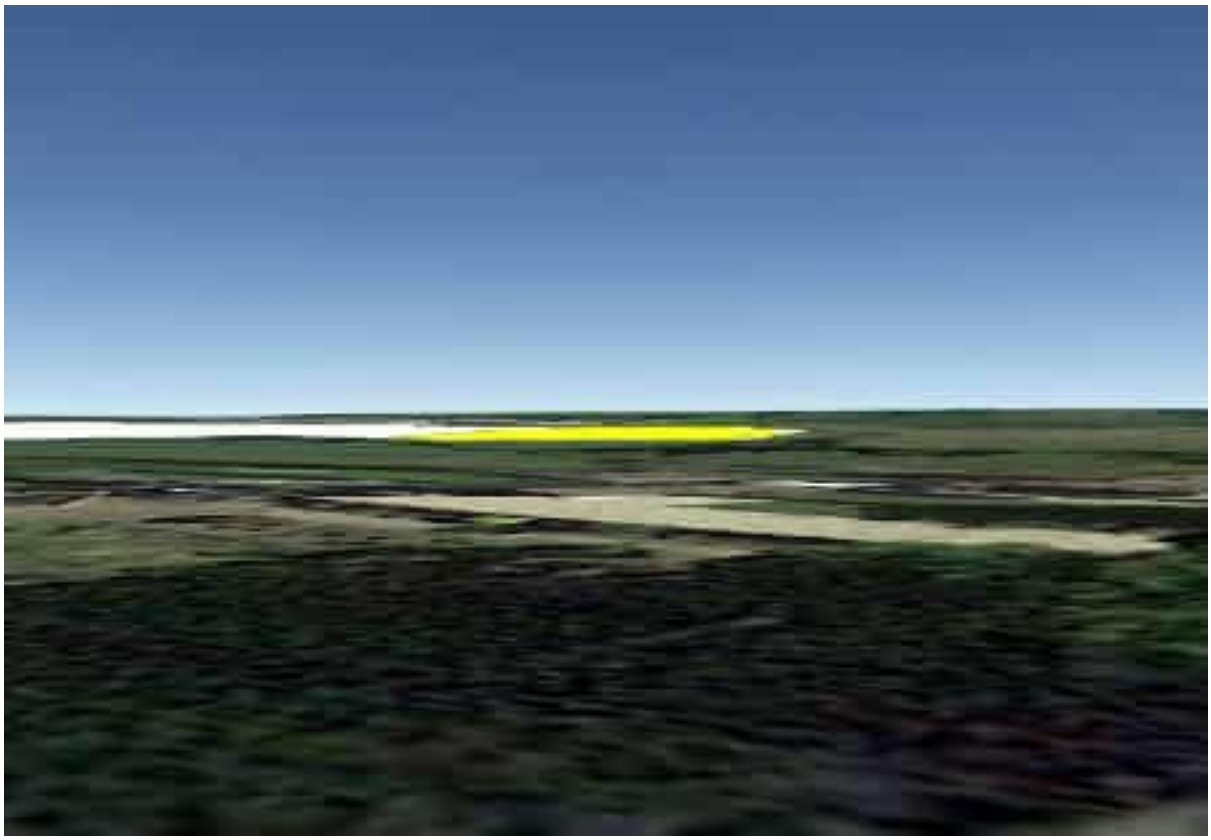
Receptor 190 (Group C Receptor 37)



Receptor 191 (Group C Receptor 38)

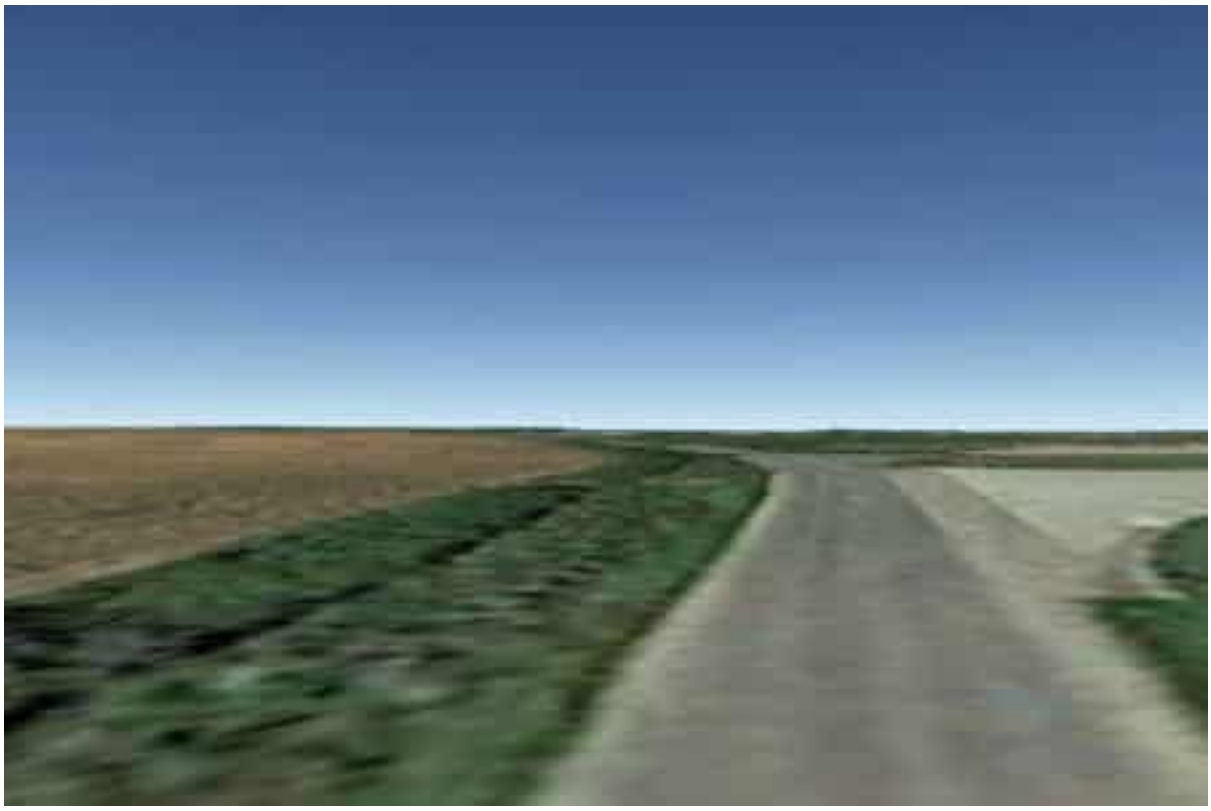


Receptor 192 (Group C Receptor 39)

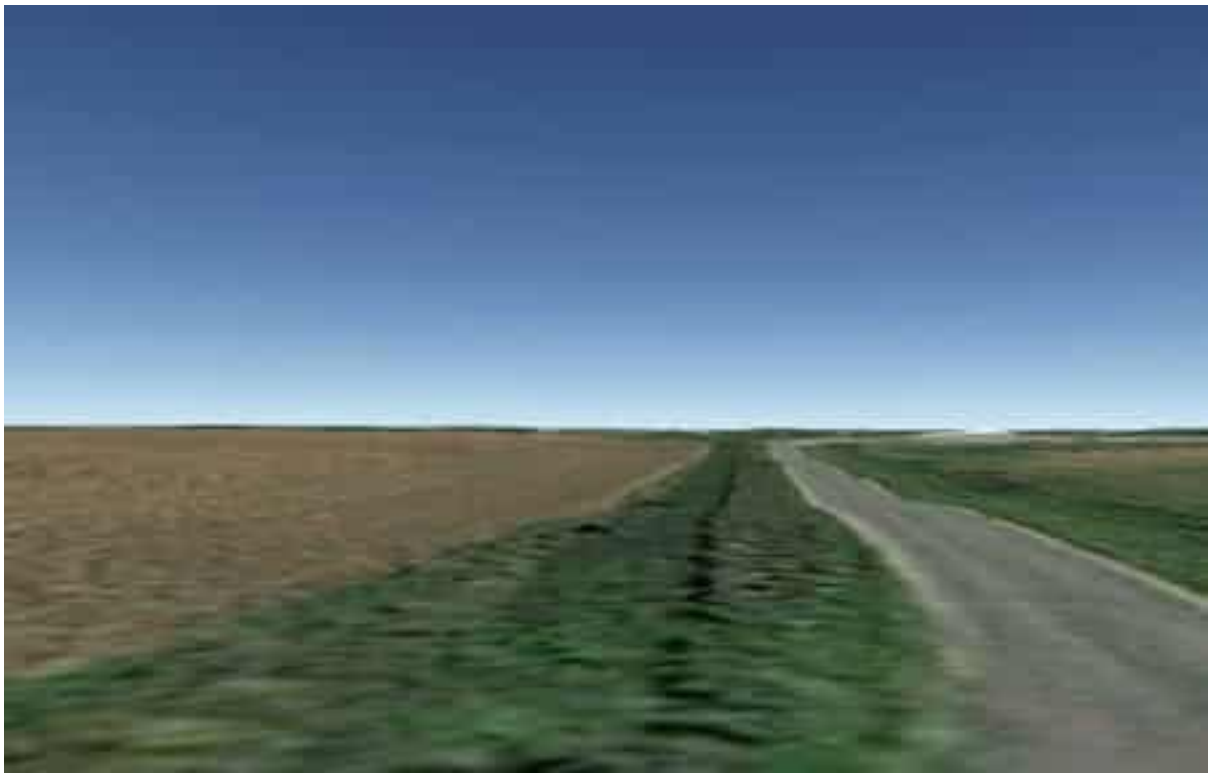


Receptor 193 (Group C Receptor 40)

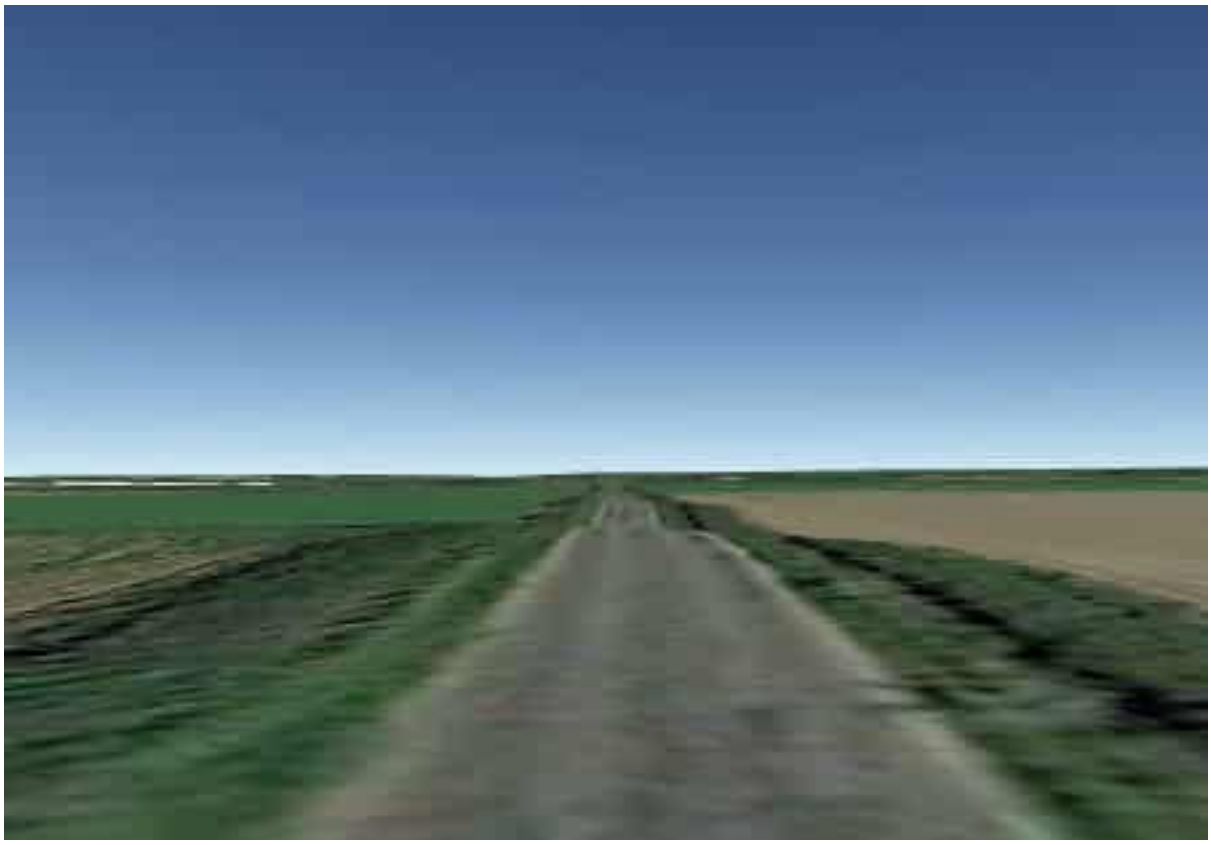
Receptor 194 (Group C Receptor 41)



Receptor 195 (Group C Receptor 42)

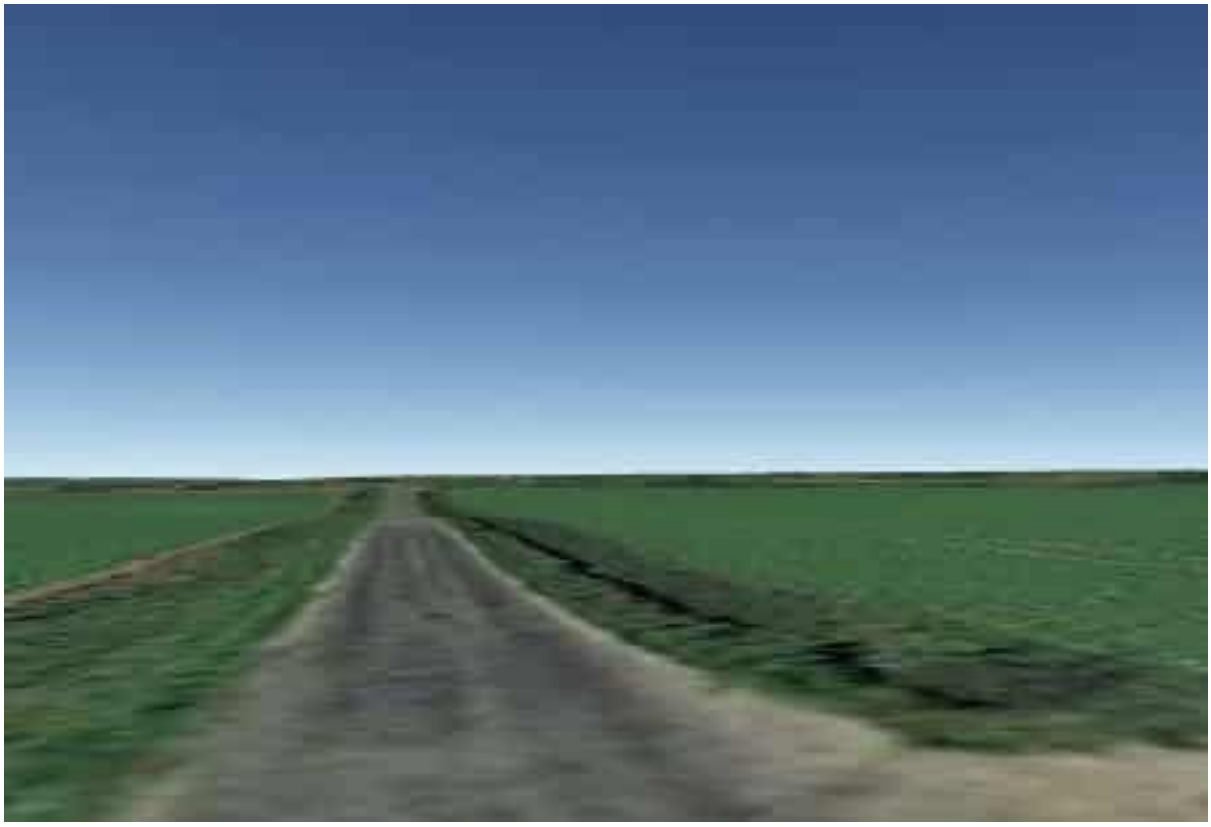


Receptor 196 (Group C Receptor 43)

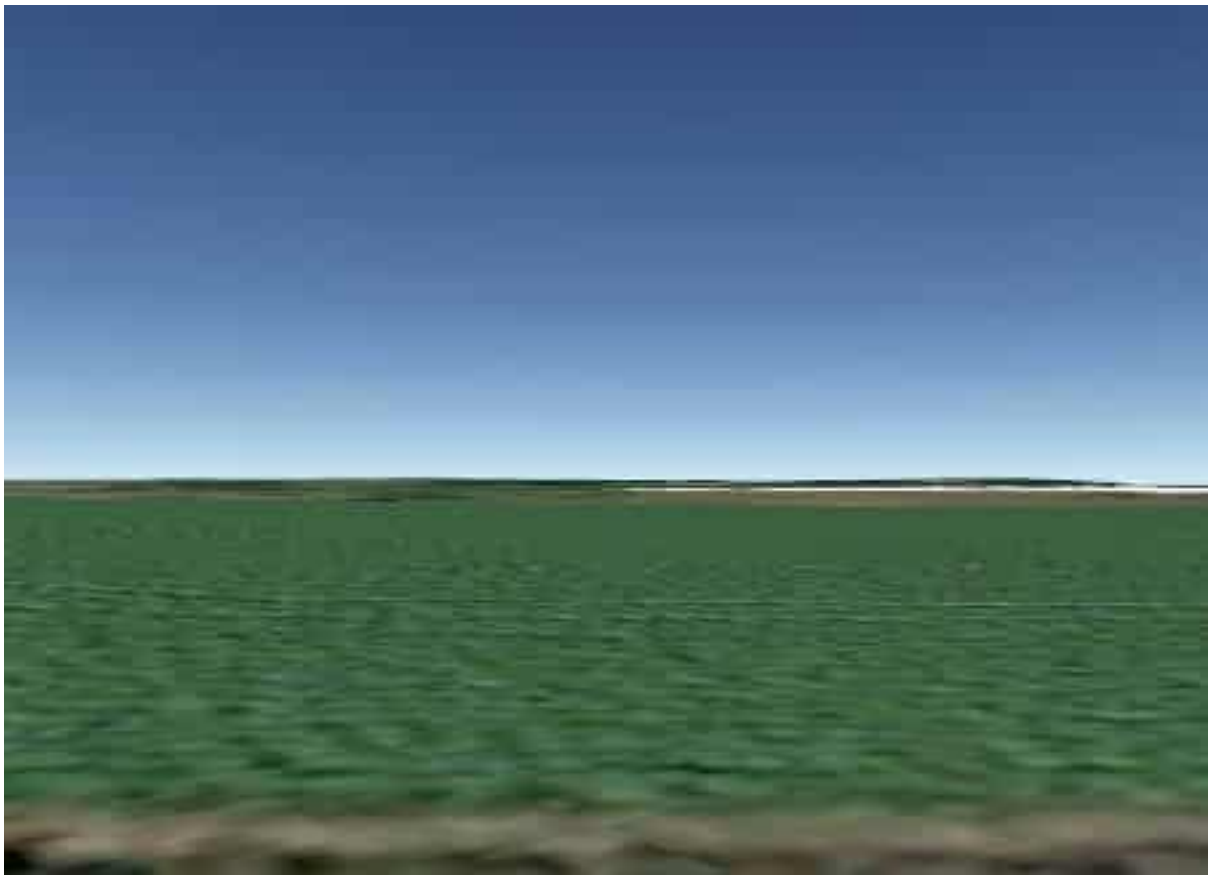


Receptor 197 (Group C Receptor 44)

Looking East



Looking West

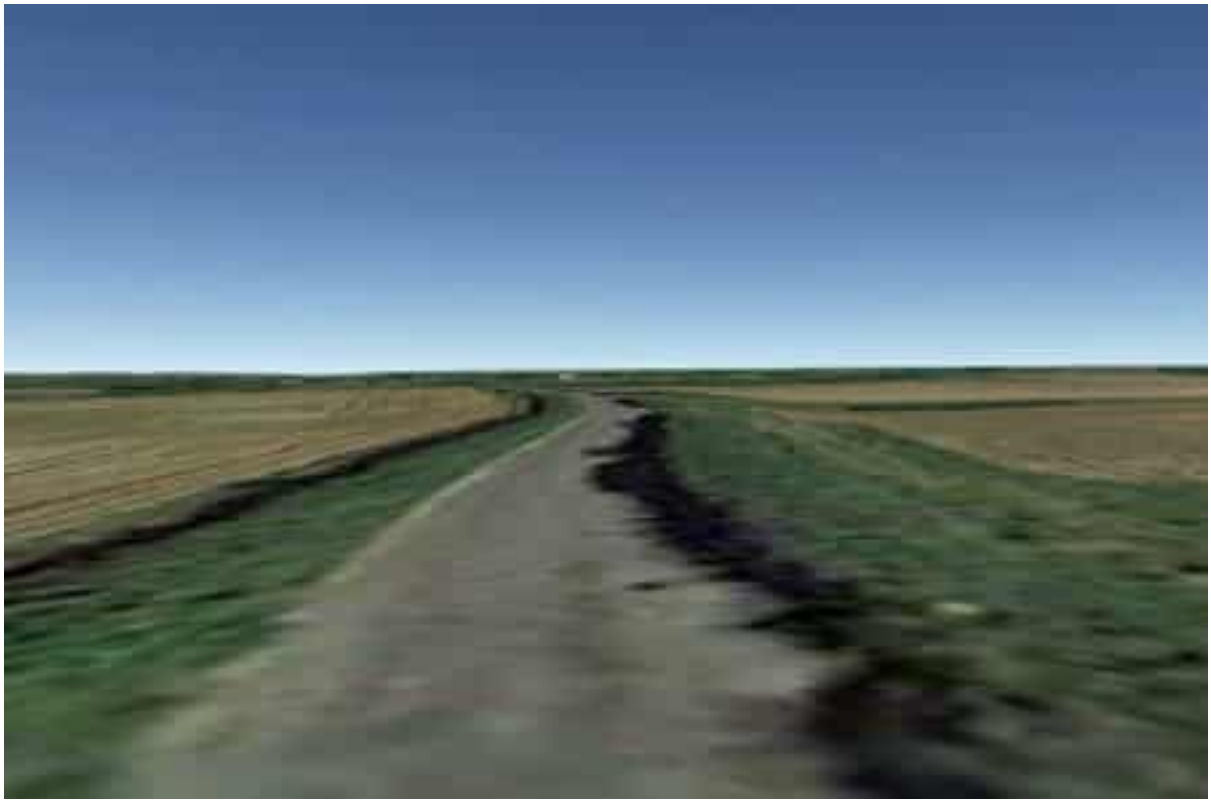


Receptor 198 (Group C Receptor 45)

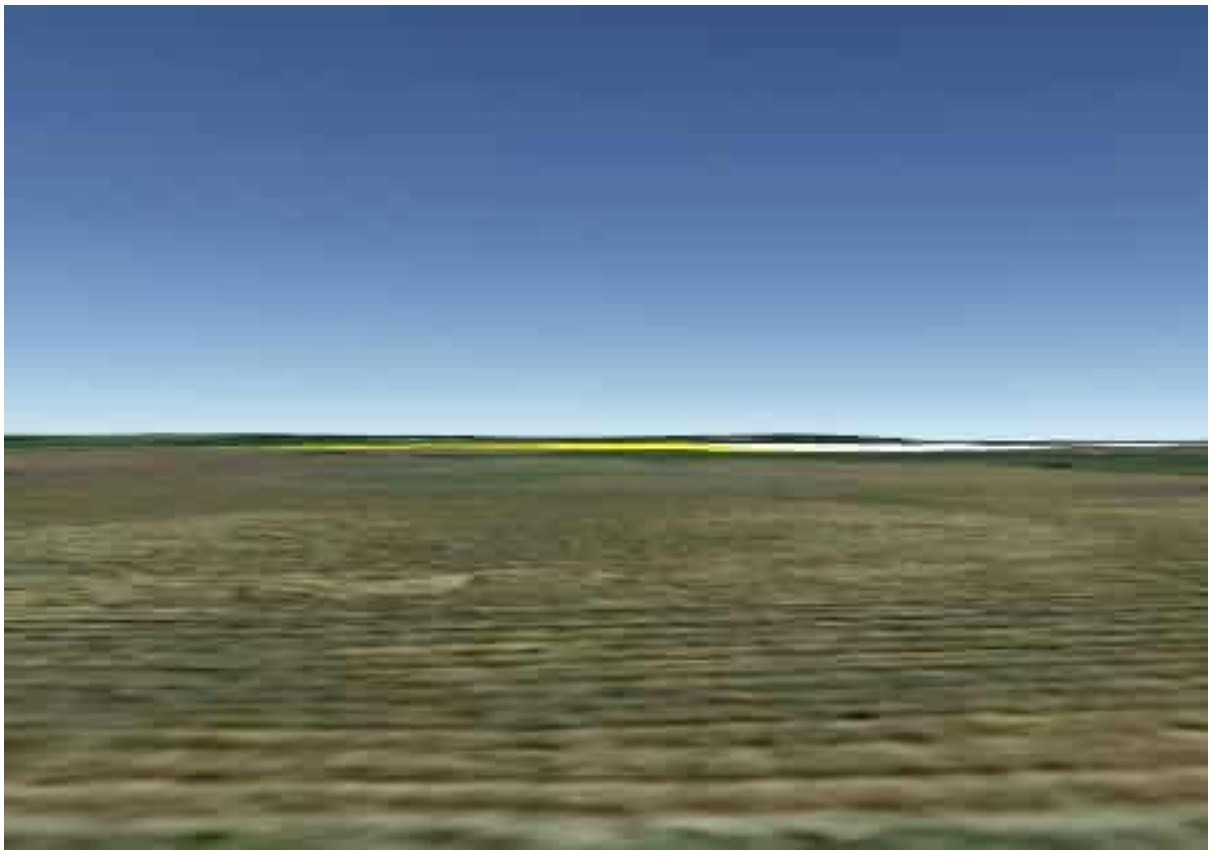
Looking Northeast

Receptor 199 (Group C Receptor 46)

Looking East

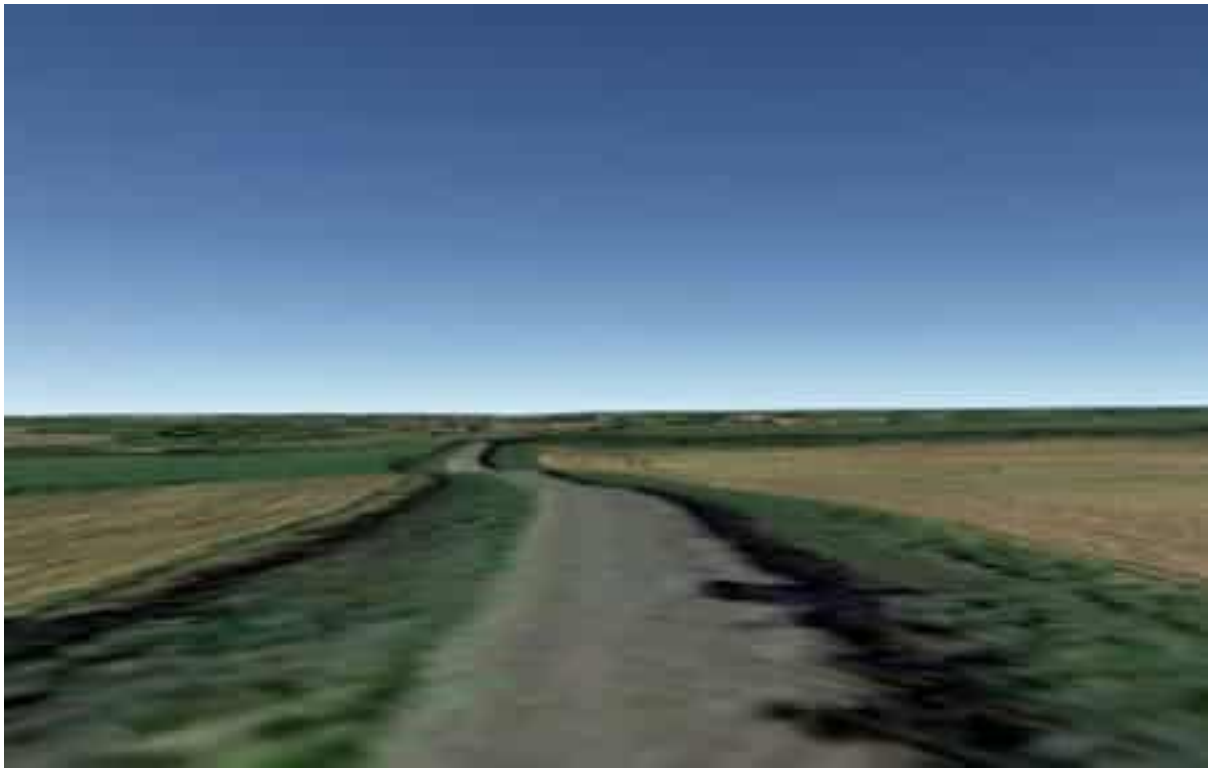


Looking West

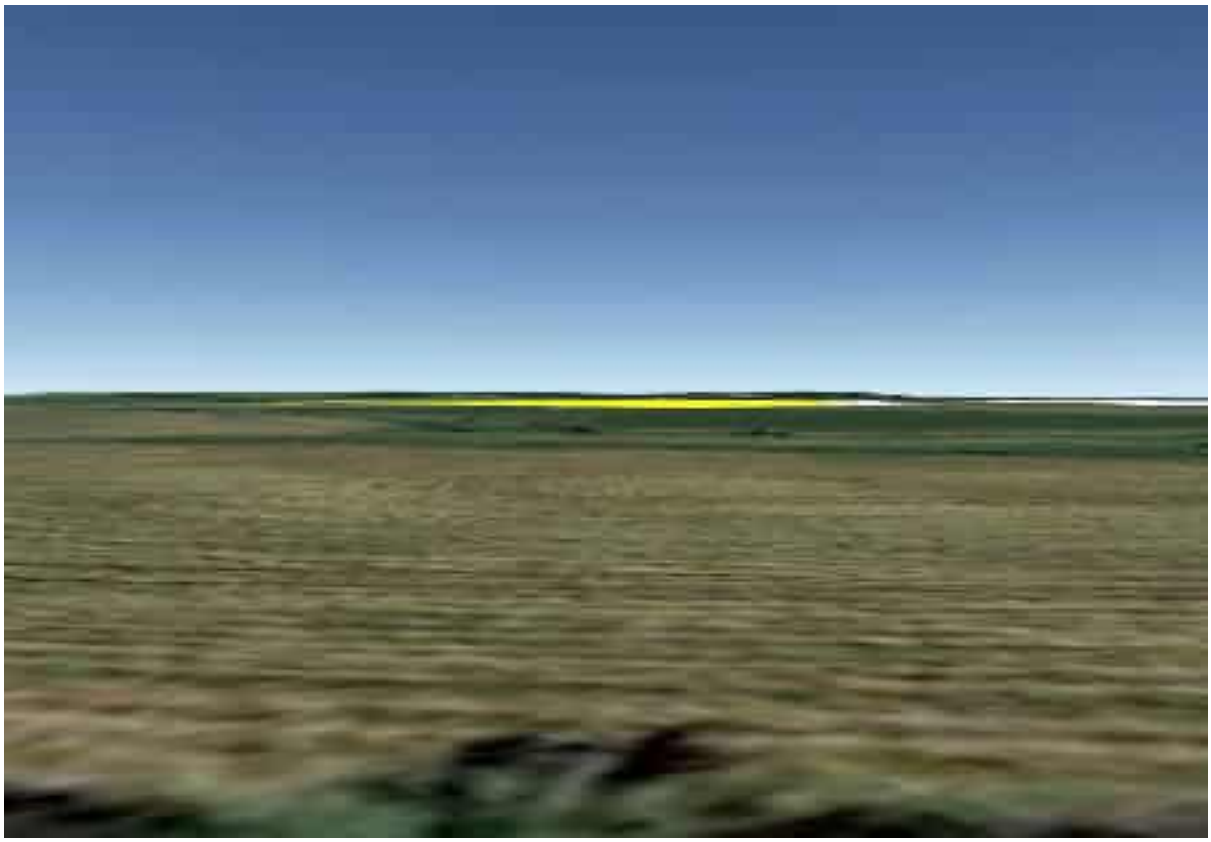


Receptor 200 (Group C Receptor 47)

Looking East

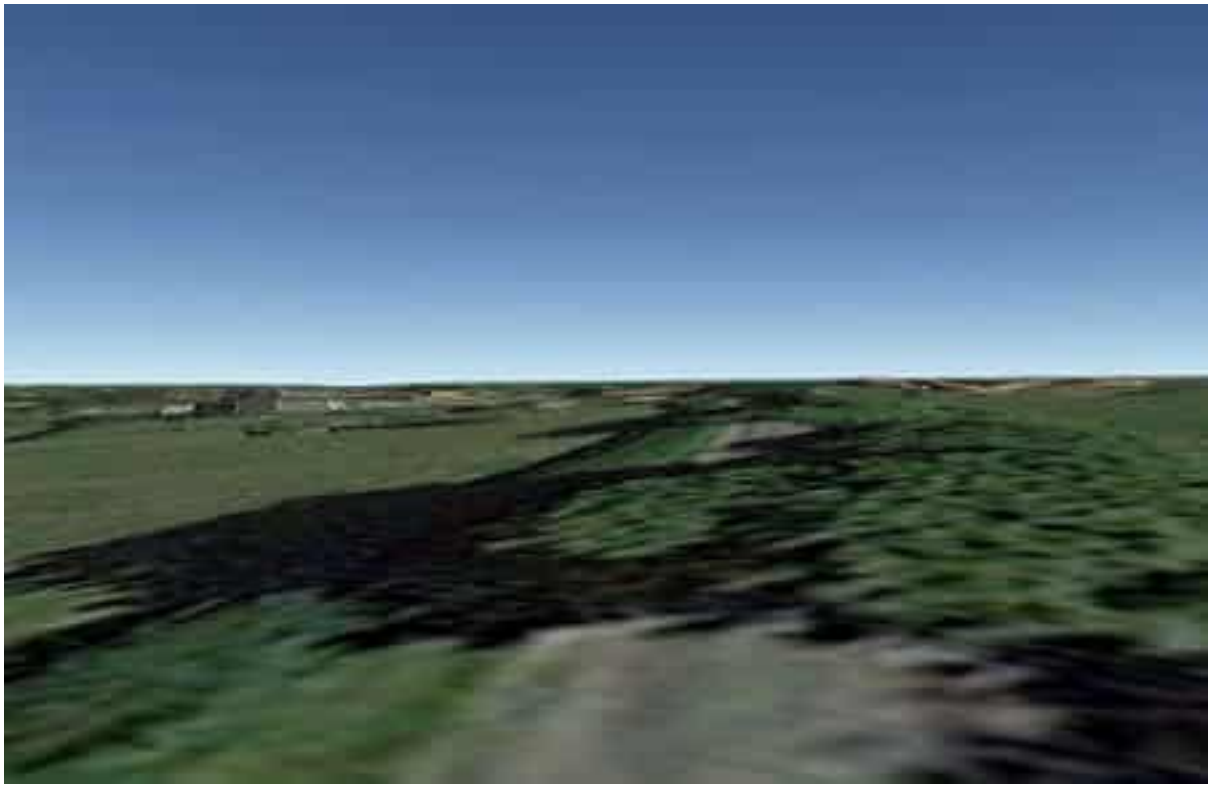


Looking West

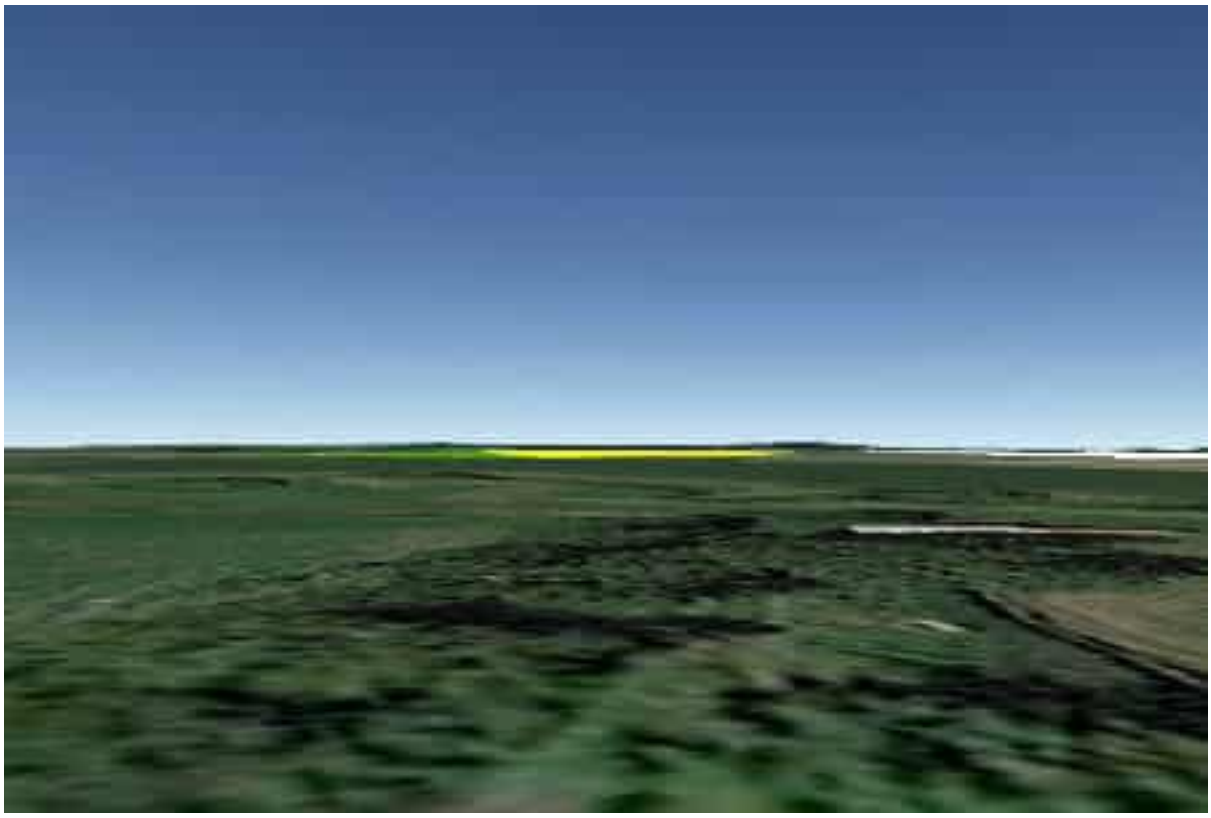


Receptor 201 (Group C Receptor 48)

Looking East

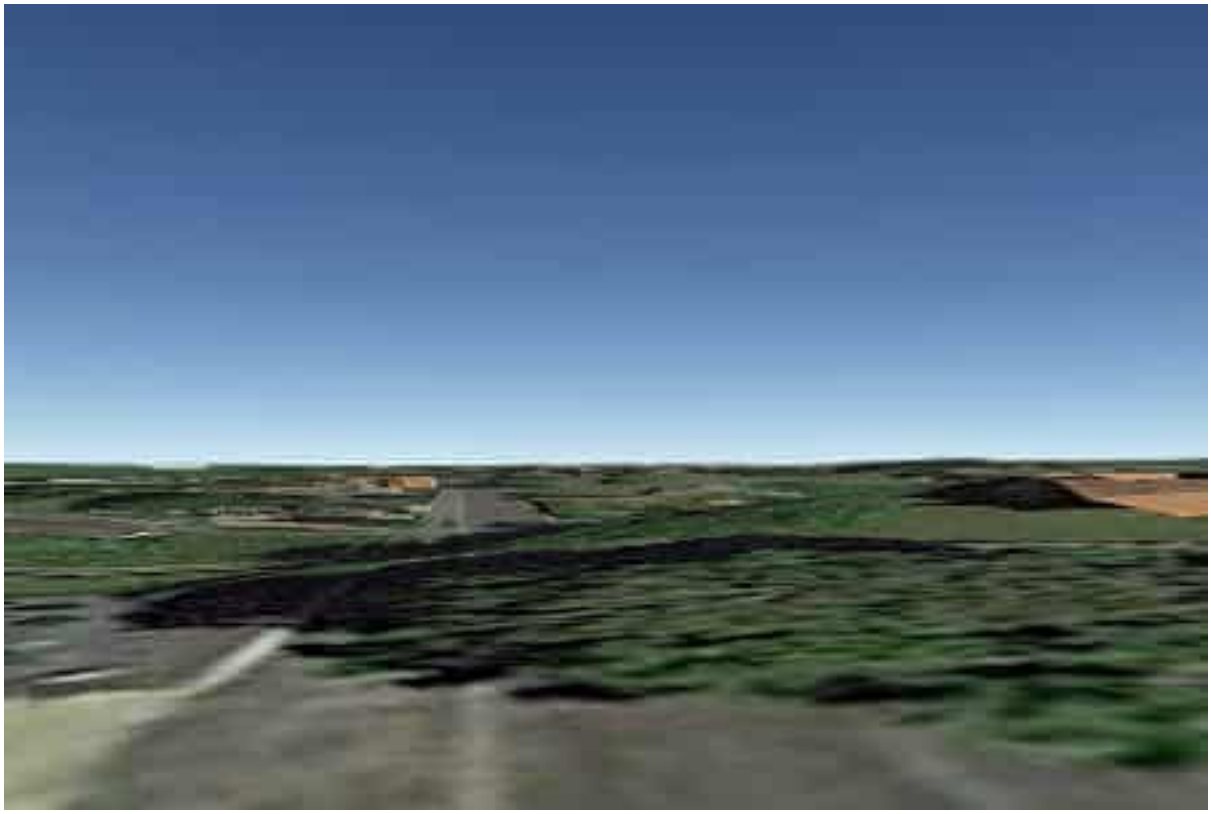


Looking West

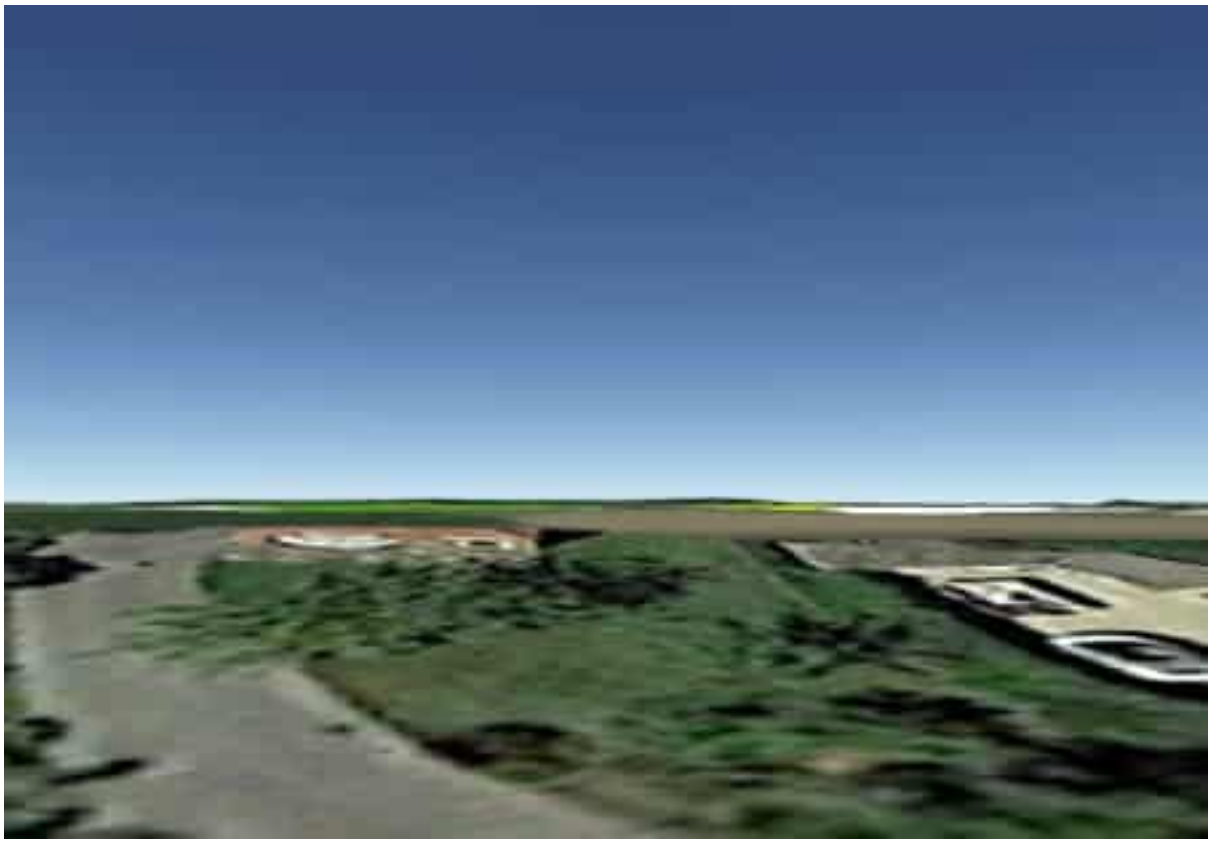


Receptor 202 (Group C Receptor 49)

Looking East

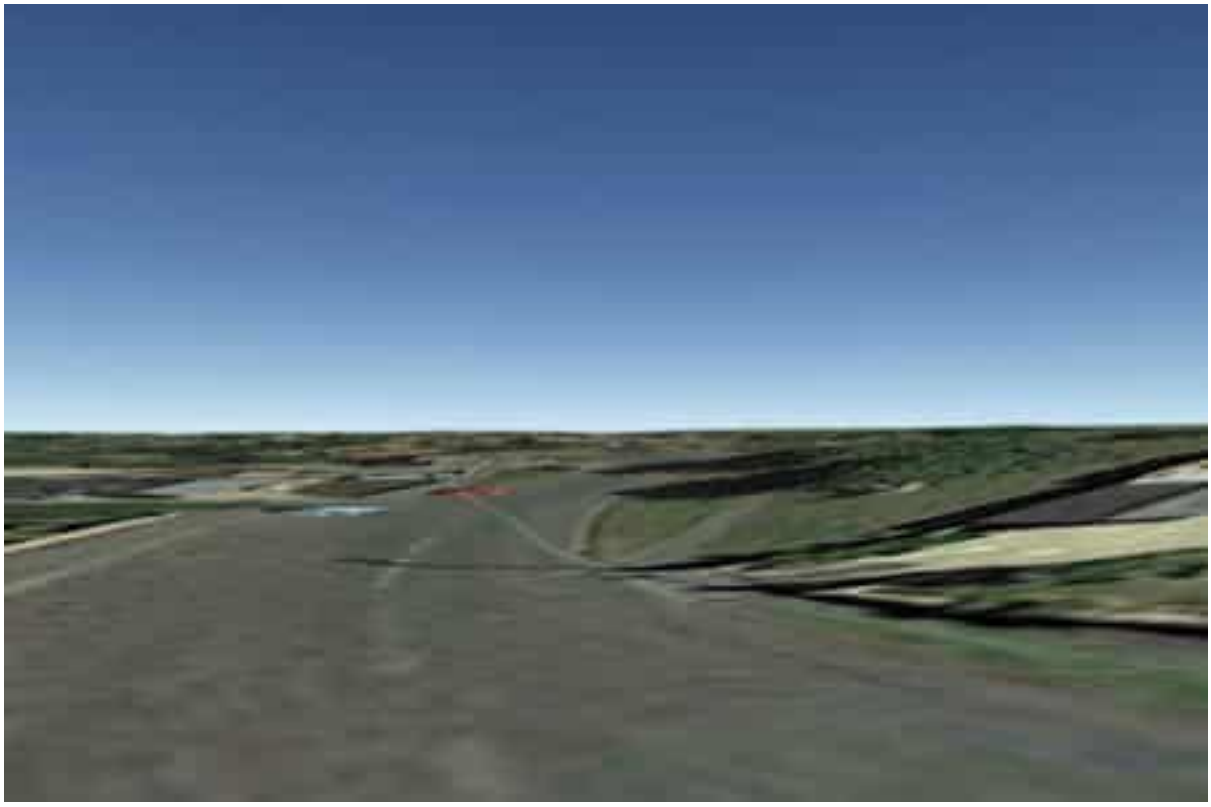


Looking West

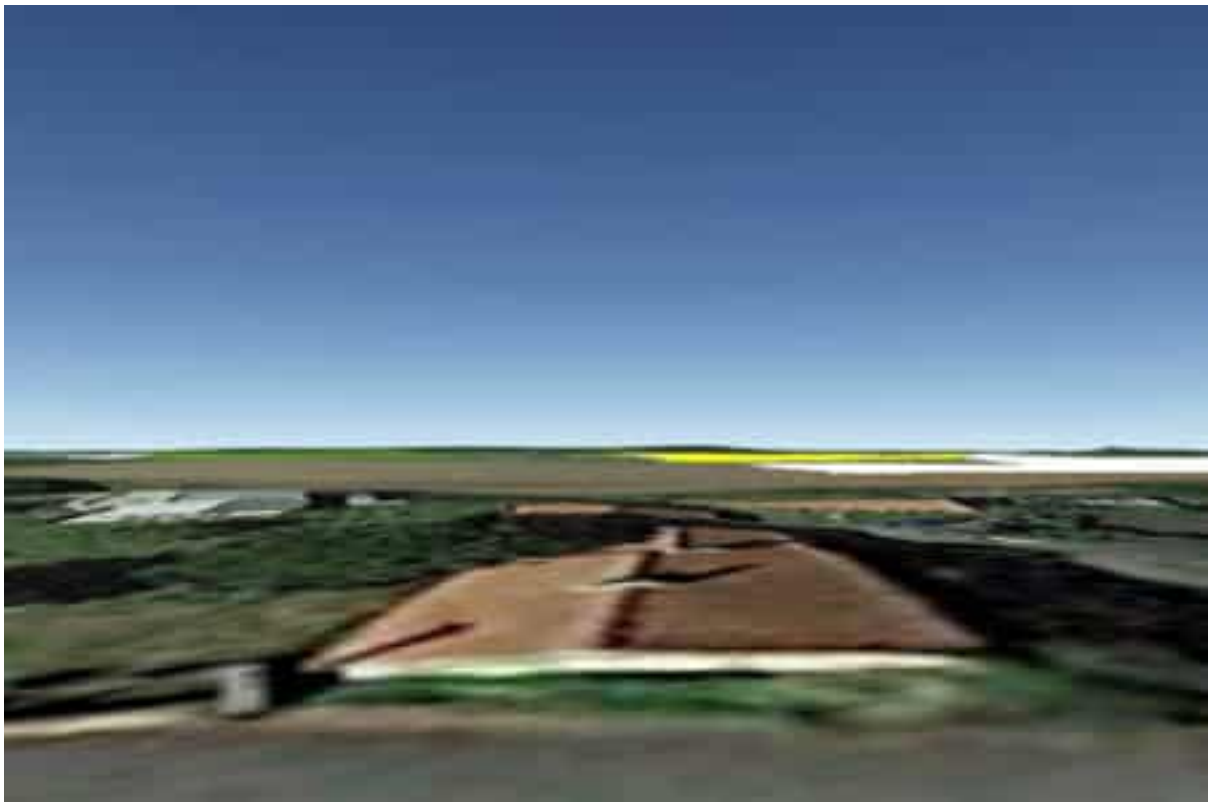


Receptor 203 (Group C Receptor 50)

Looking East

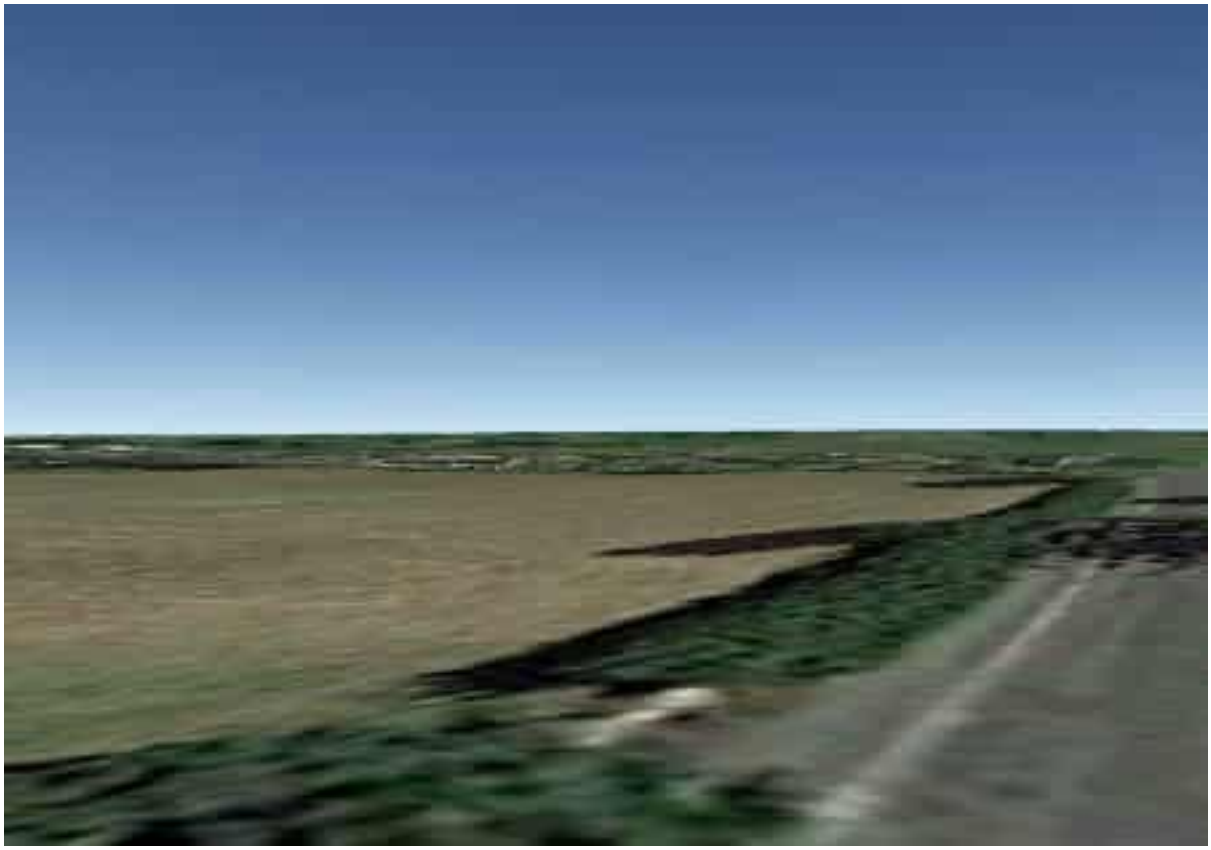


Looking West

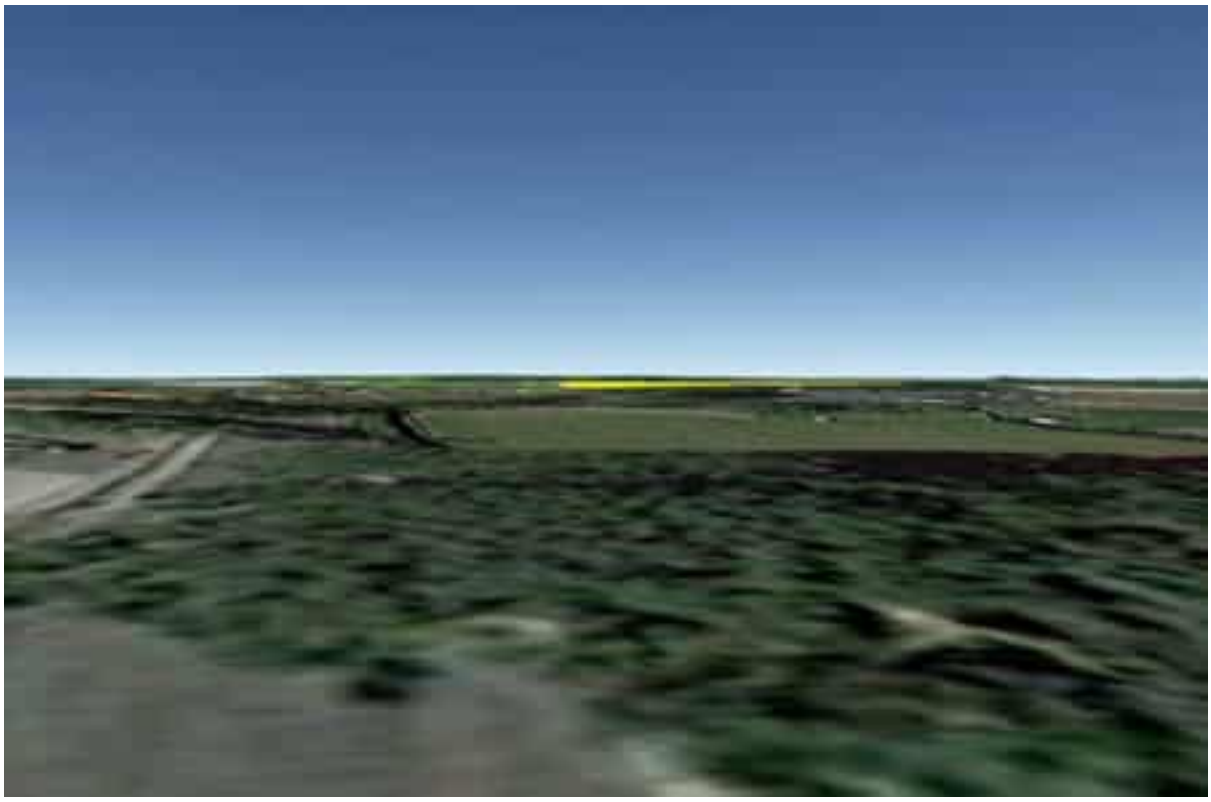


Receptor 204 (Group C Receptor 51)

Looking East

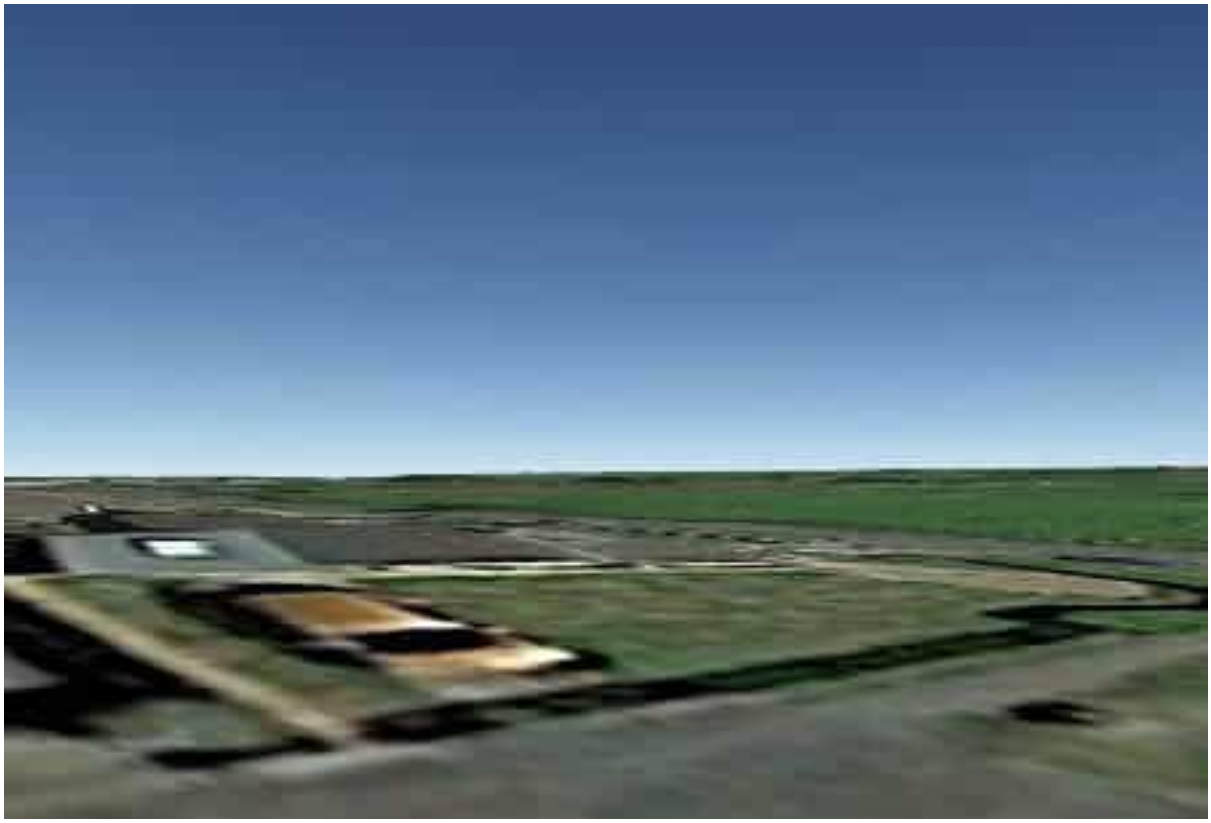


Looking West

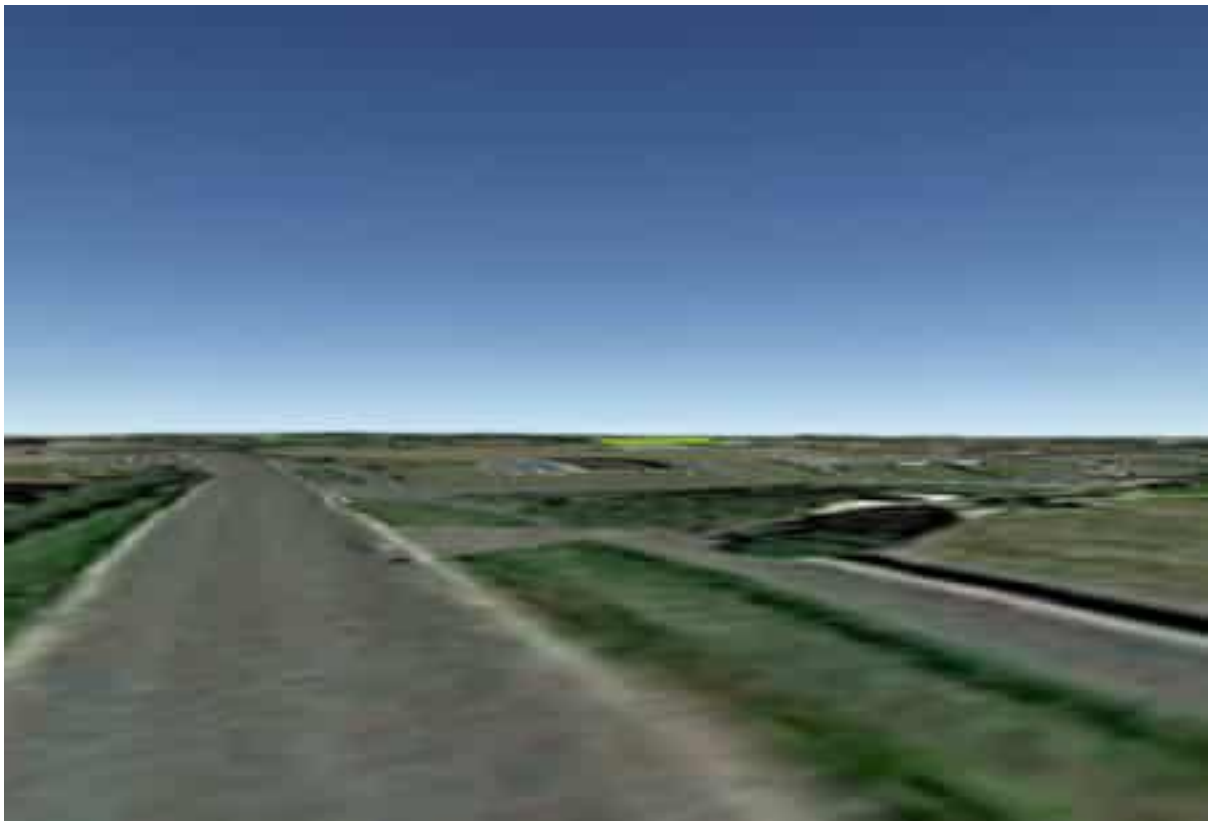


Receptor 205 (Group C Receptor 52)

Looking East

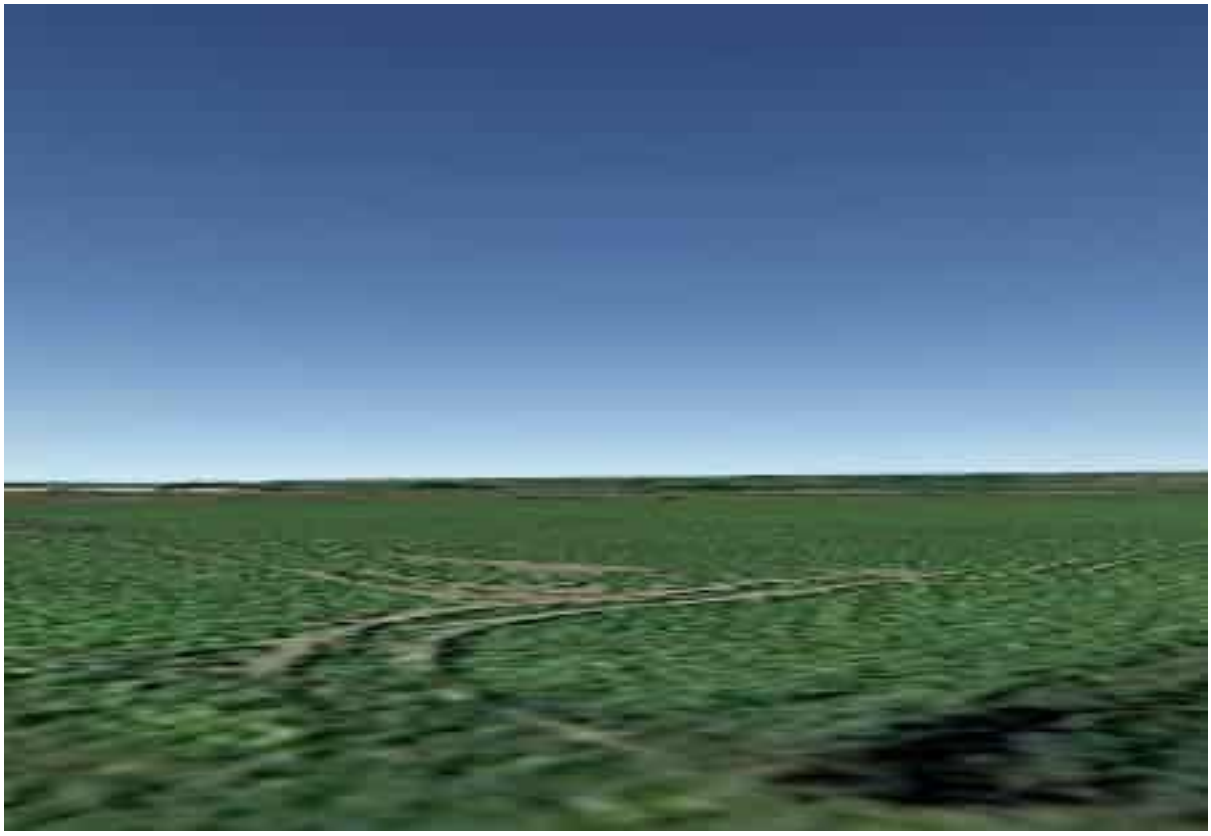


Looking West

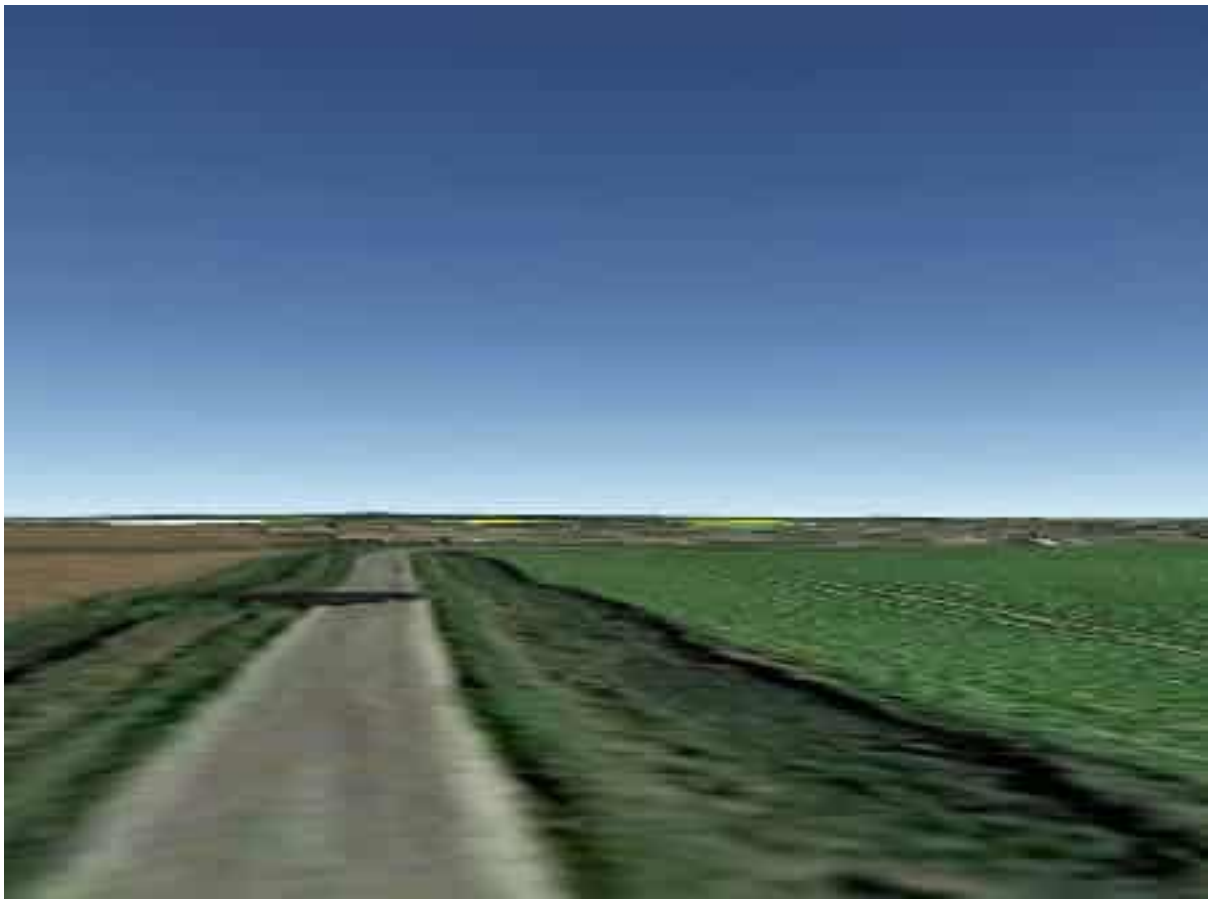


Receptor 206 (Group C Receptor 53)

Looking East

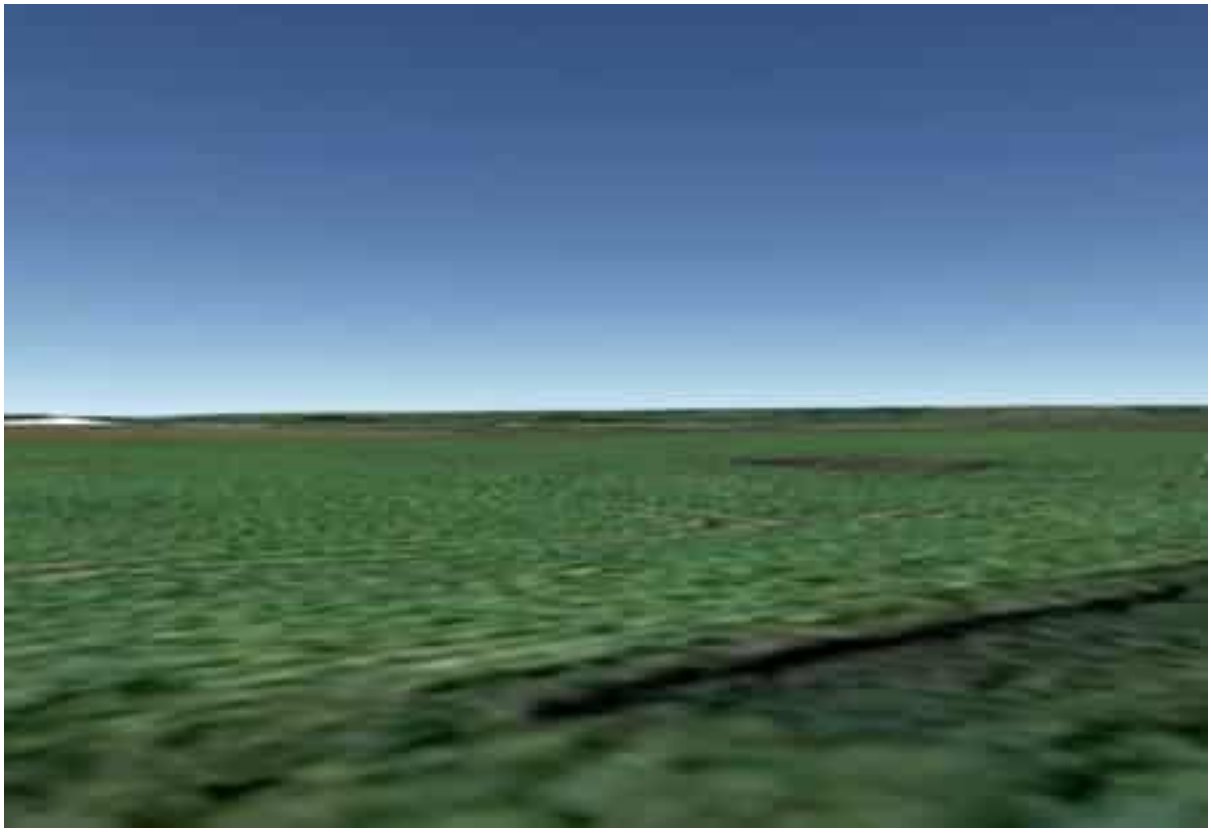


Looking West

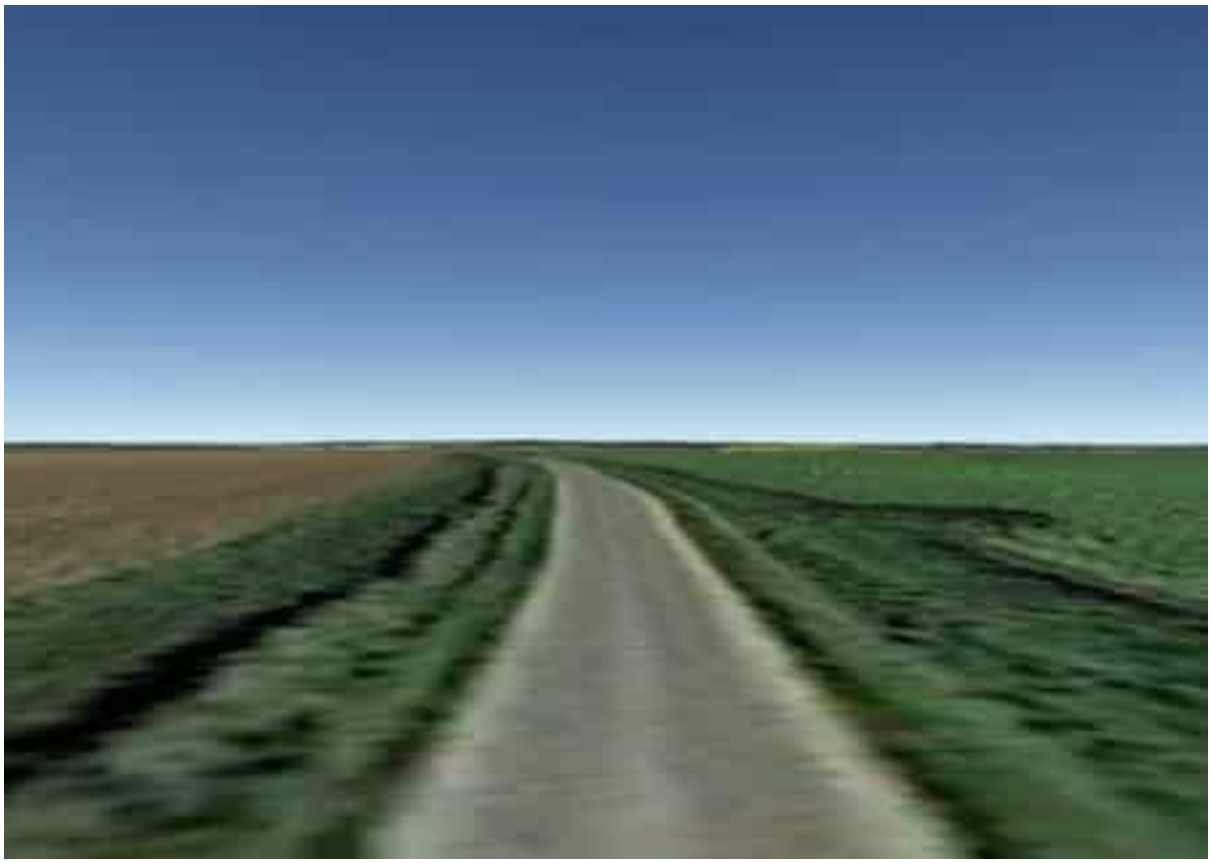


Receptor 207 (Group C Receptor 54)

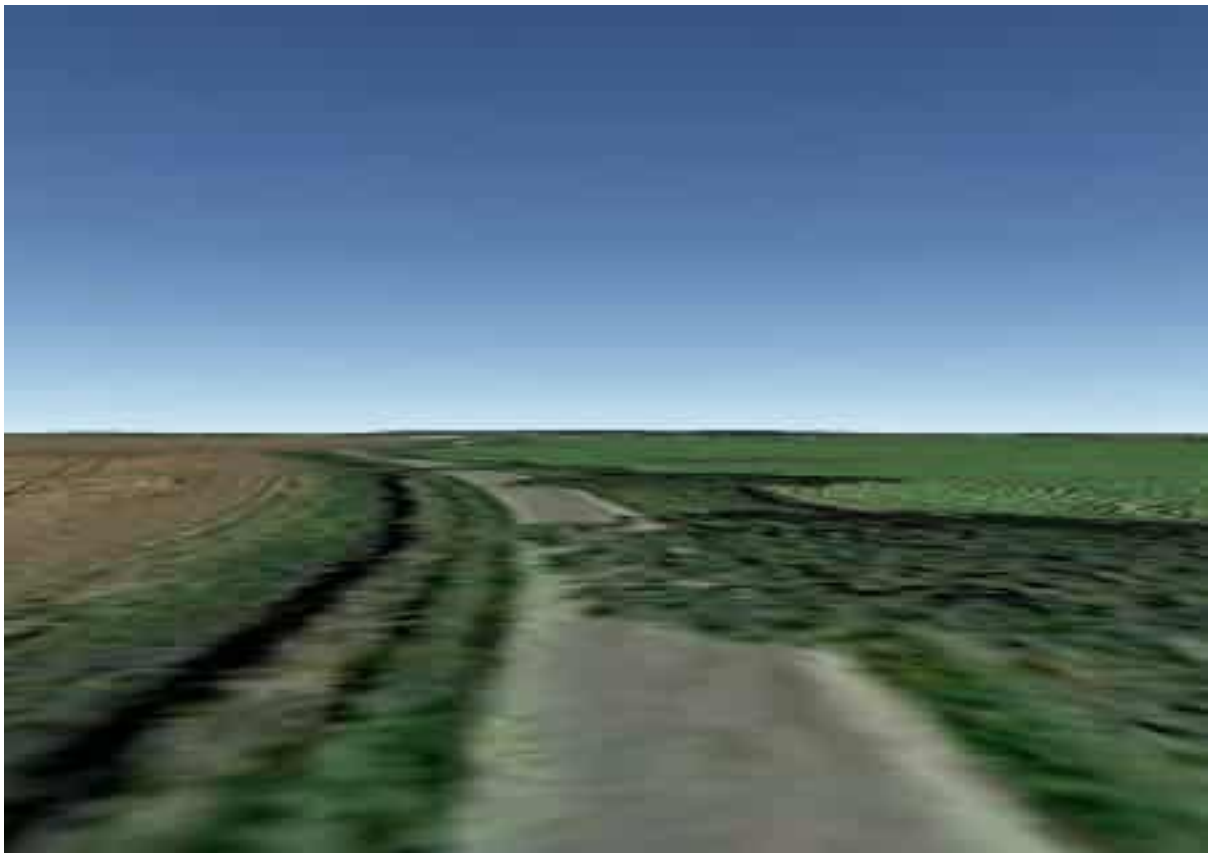
Looking East



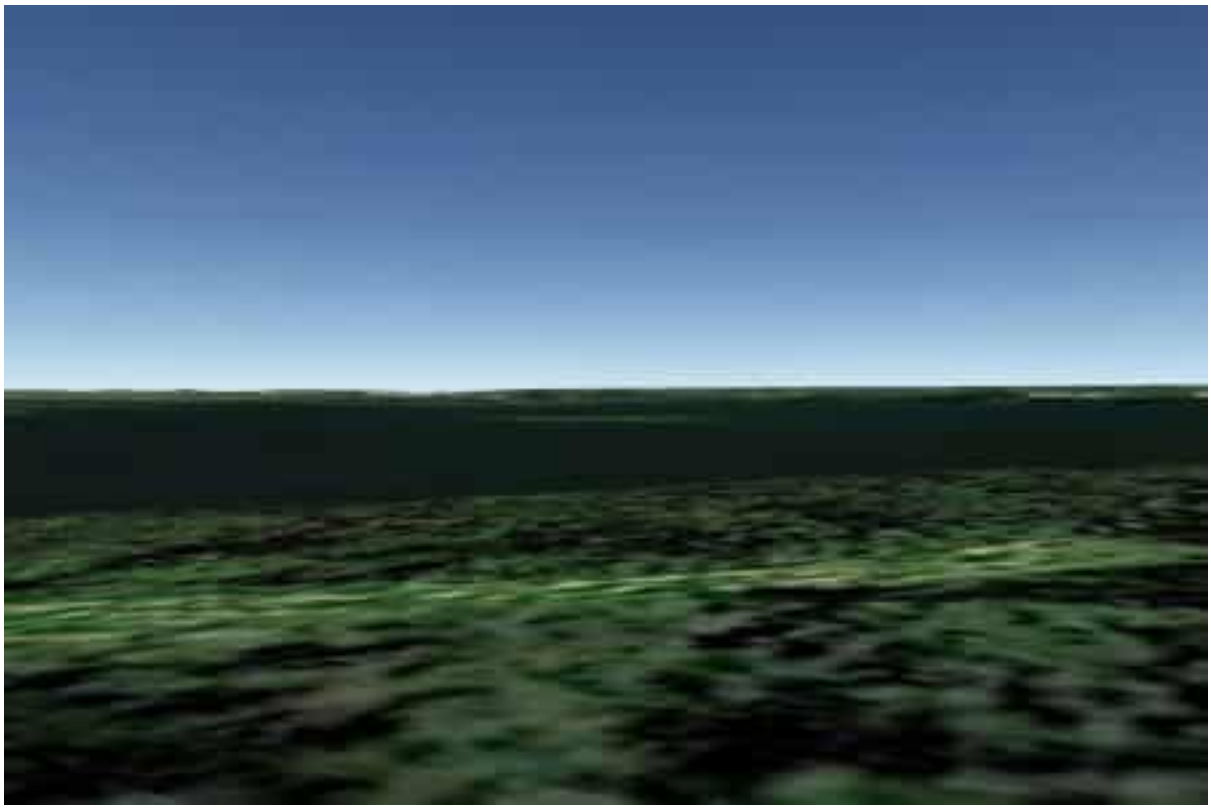
Looking West



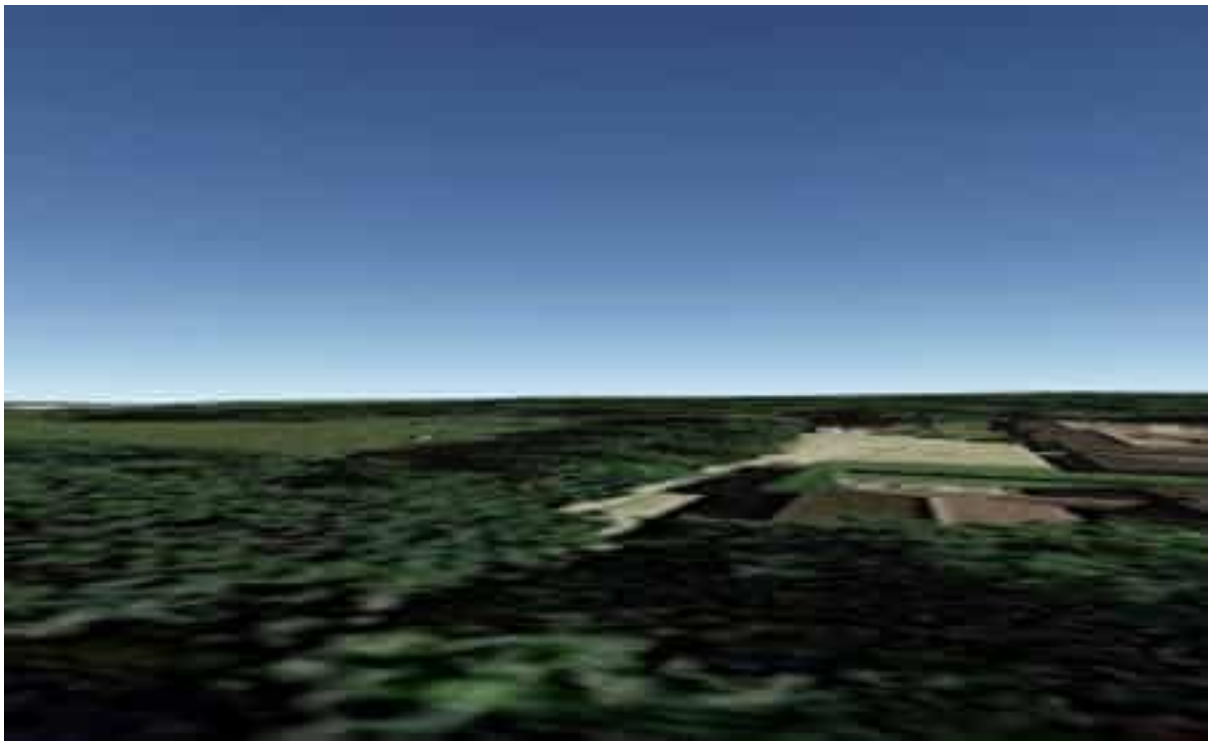
Receptor 208 (Group C Receptor 55)



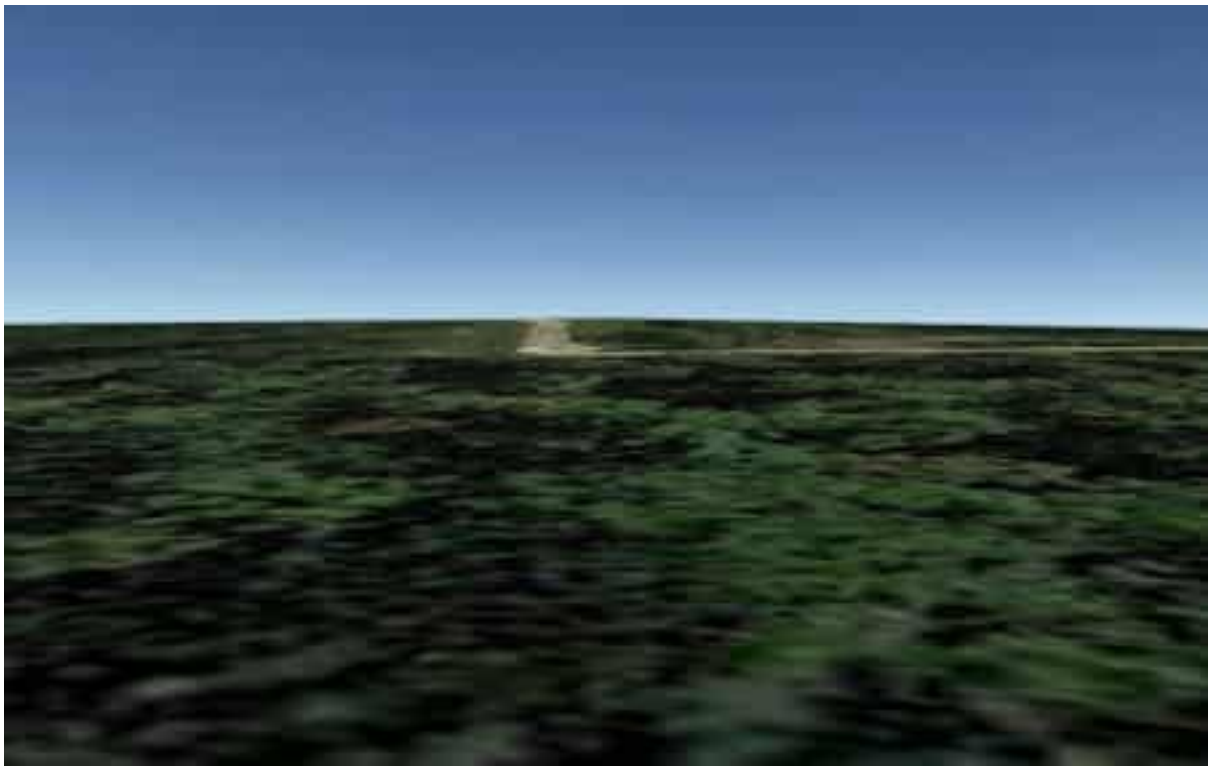
Receptor 209 (Group C Receptor 56)



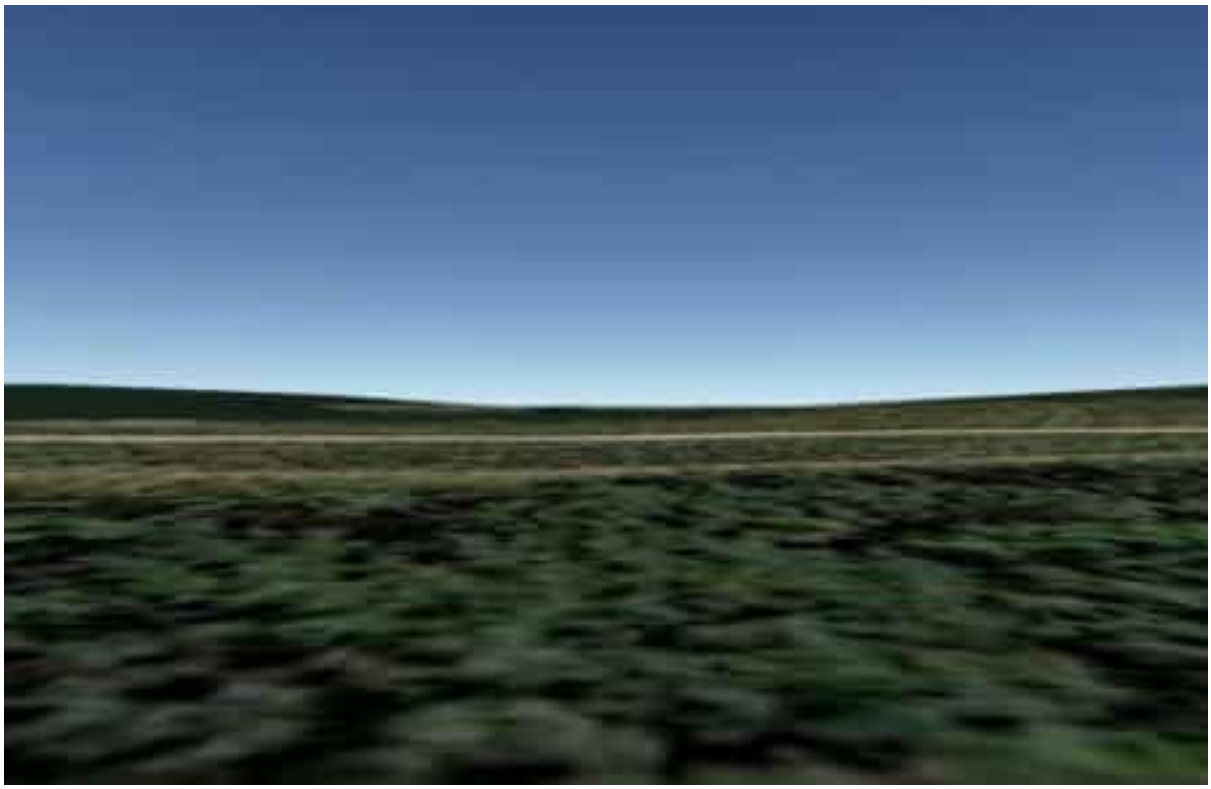
Receptor 210 (Group C Receptor 57)



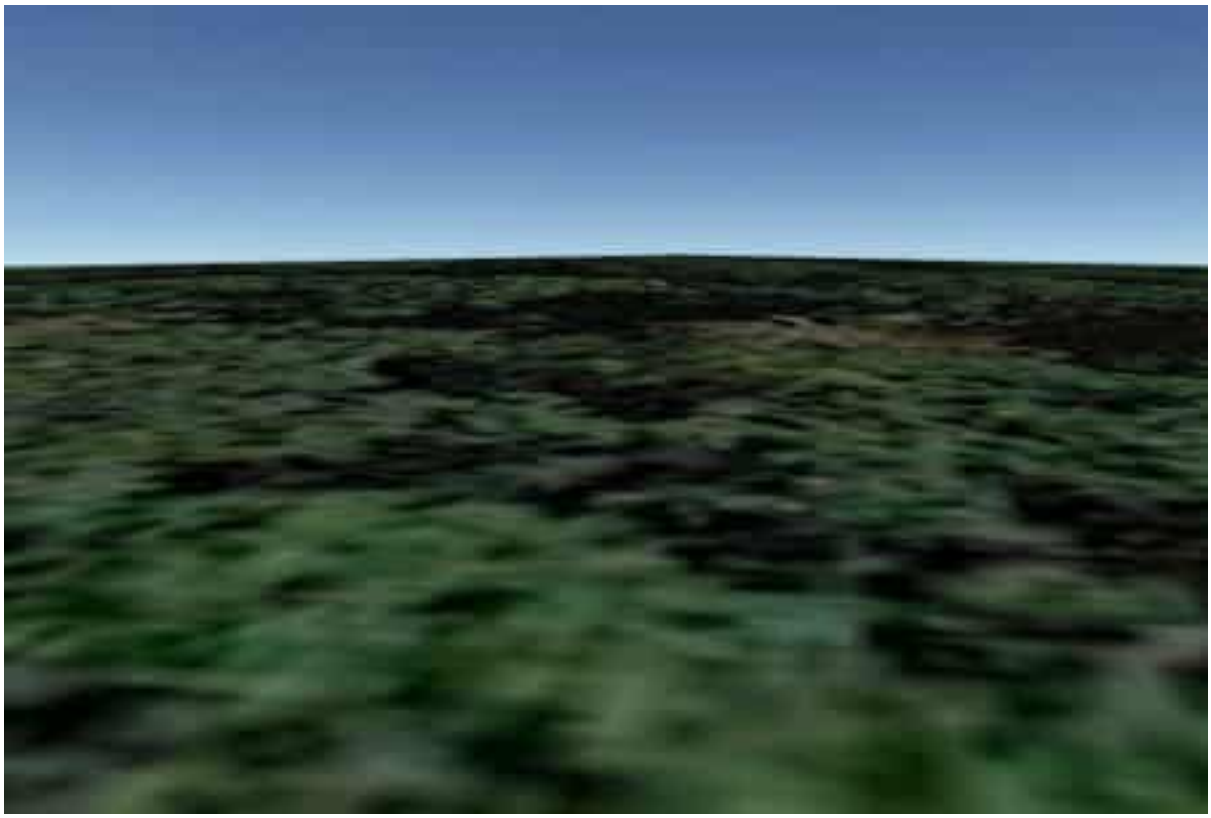
Receptor 211 (Group C Receptor 58)



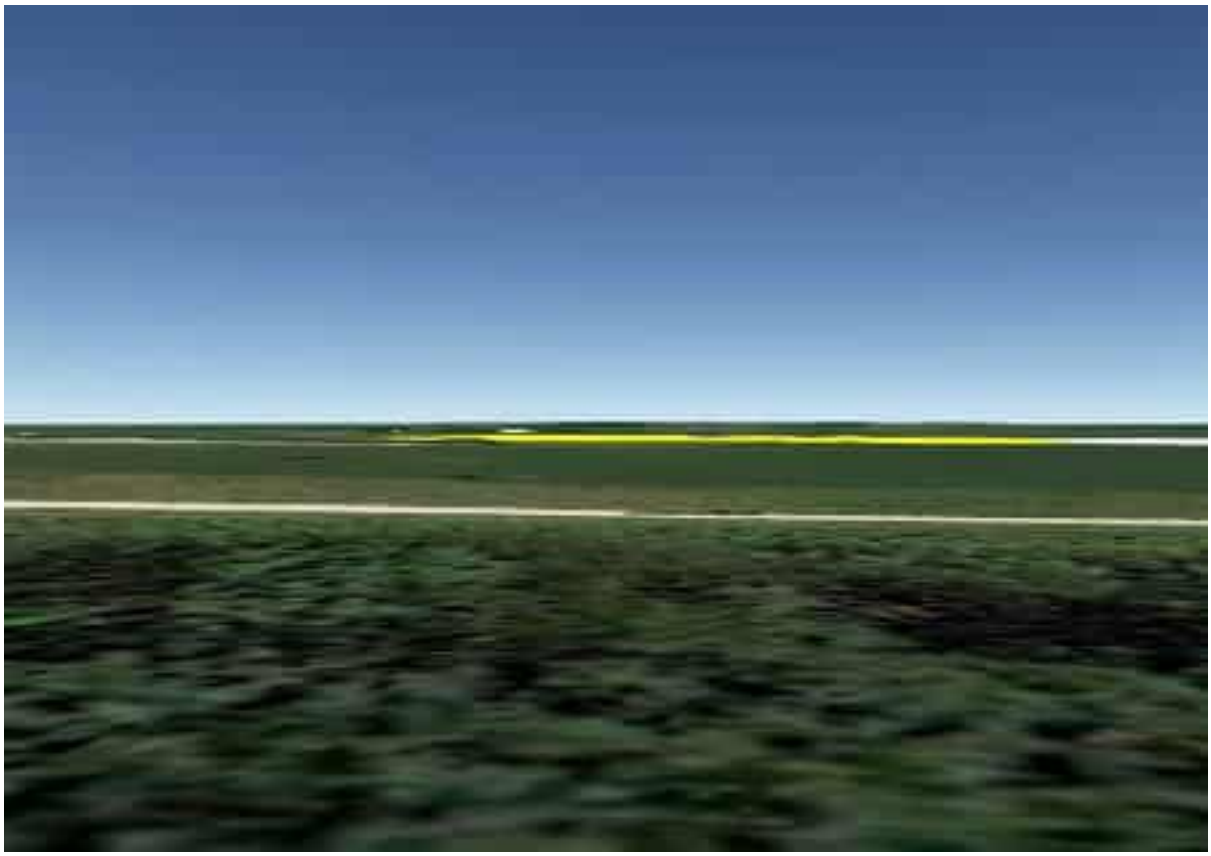
Receptor 212 (Group C Receptor 59)



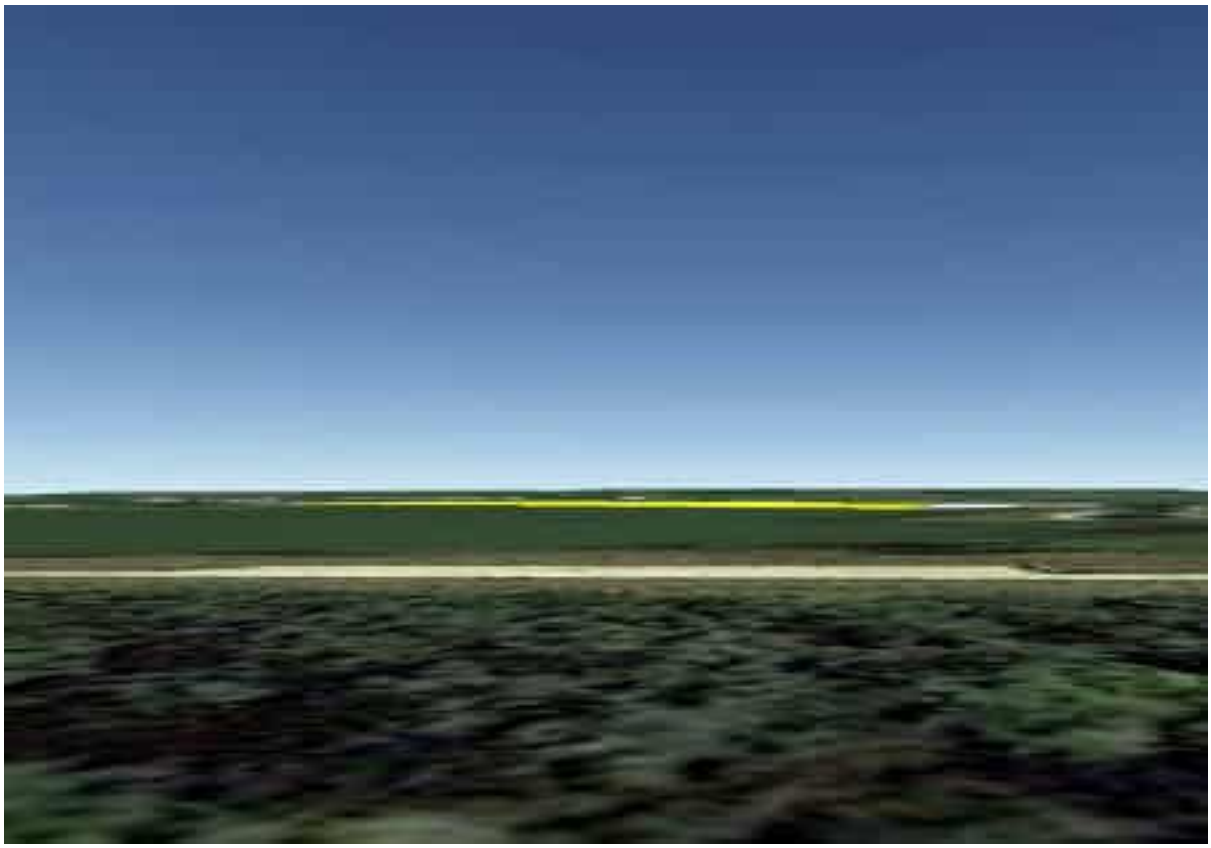
Receptor 213 (Group C Receptor 60)



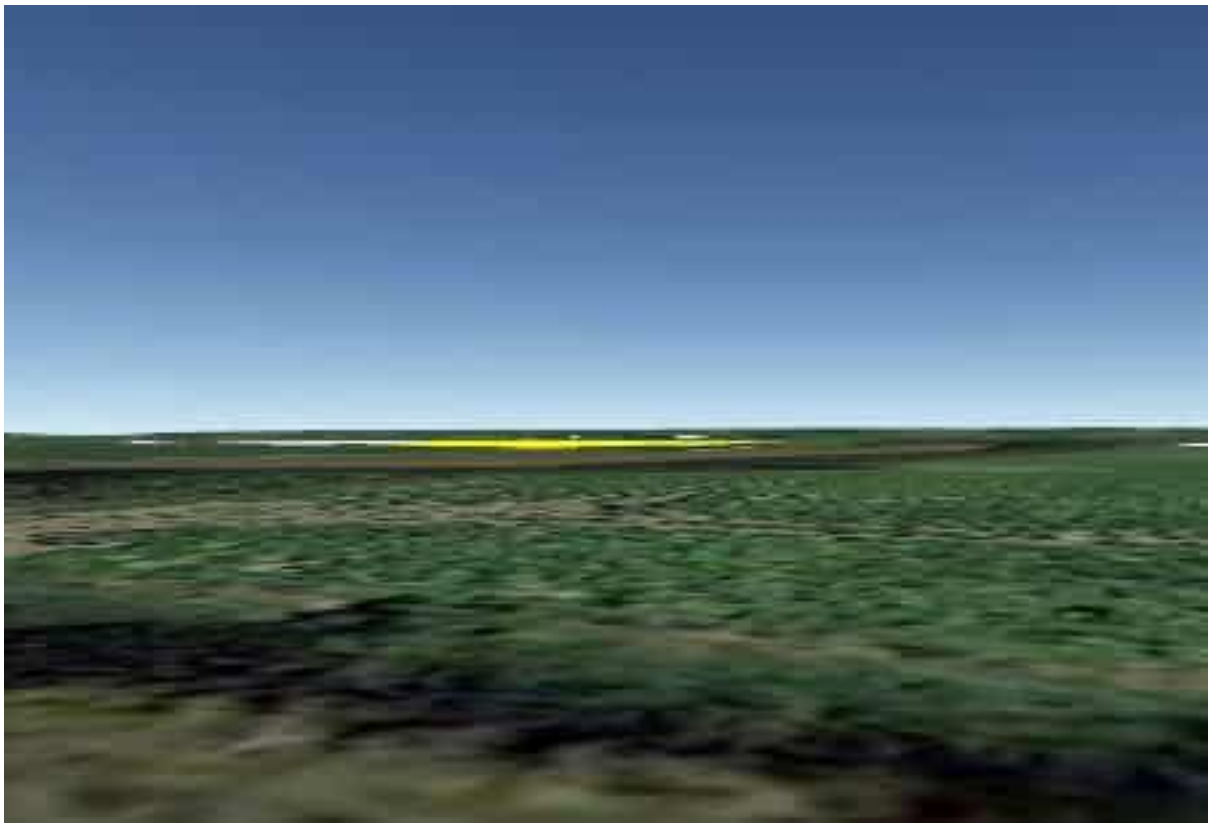
Receptor 214 (Group C Receptor 61)



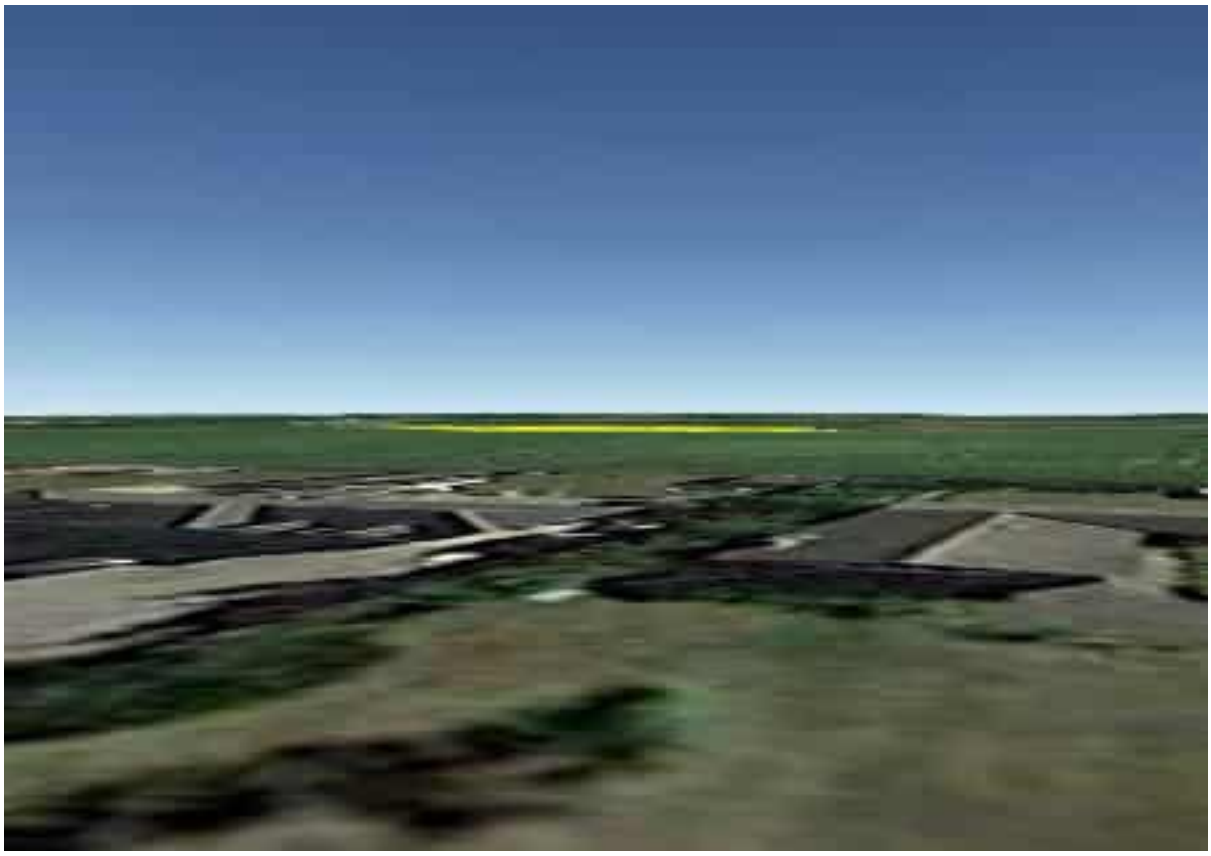
Receptor 215 (Group C Receptor 62)



Receptor 216 (Group C Receptor 63)

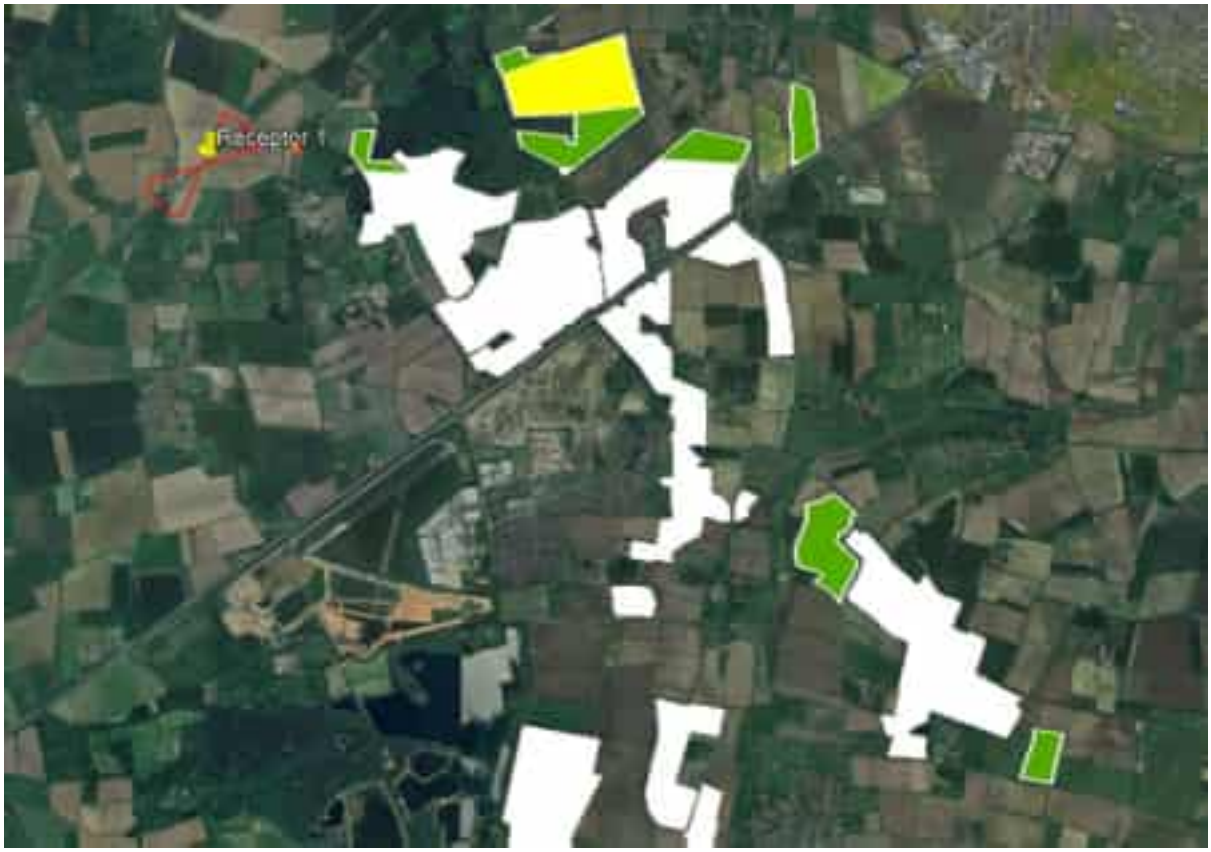


Receptor 217 (Group C Receptor 64)



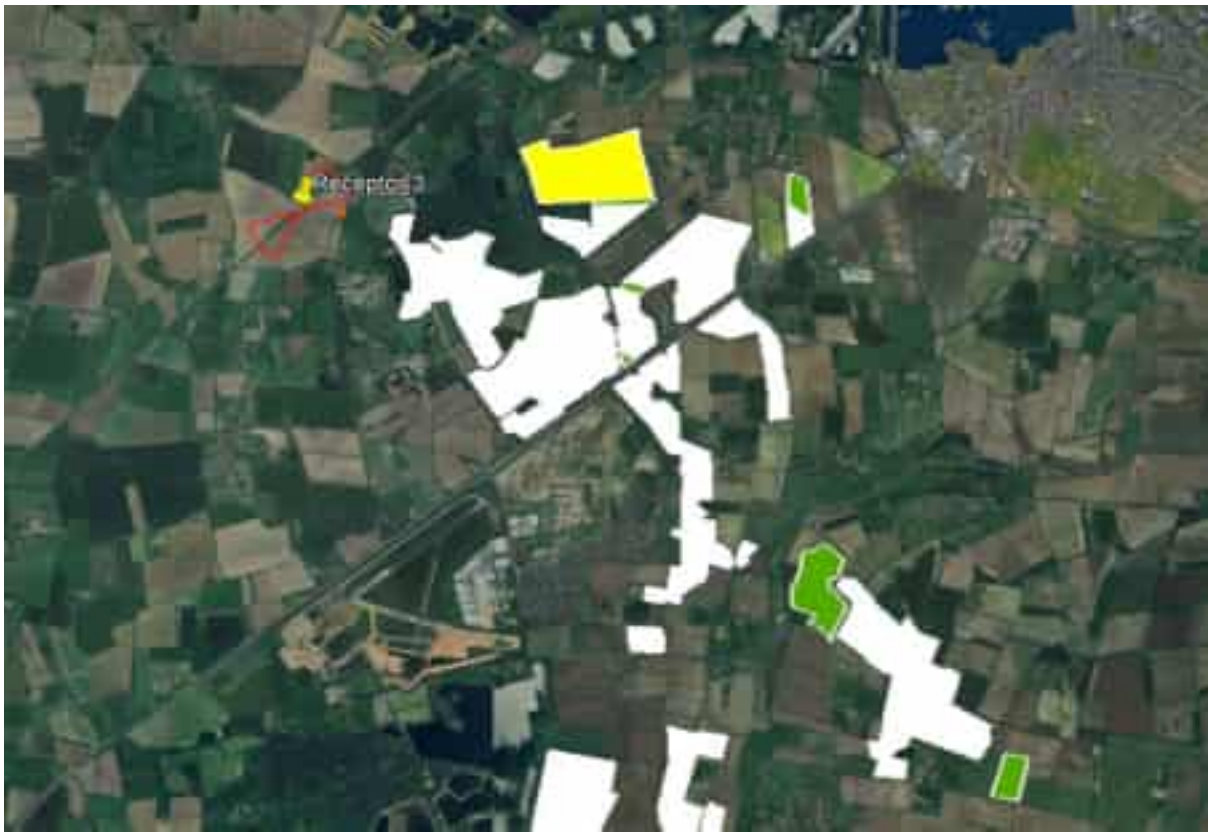
Rail Receptors

Receptor 1



Receptor 2

Receptor 3



Receptor 4

Receptor 5

Receptor 6

Receptor 7

Receptor 8

Receptor 9

Receptor 10

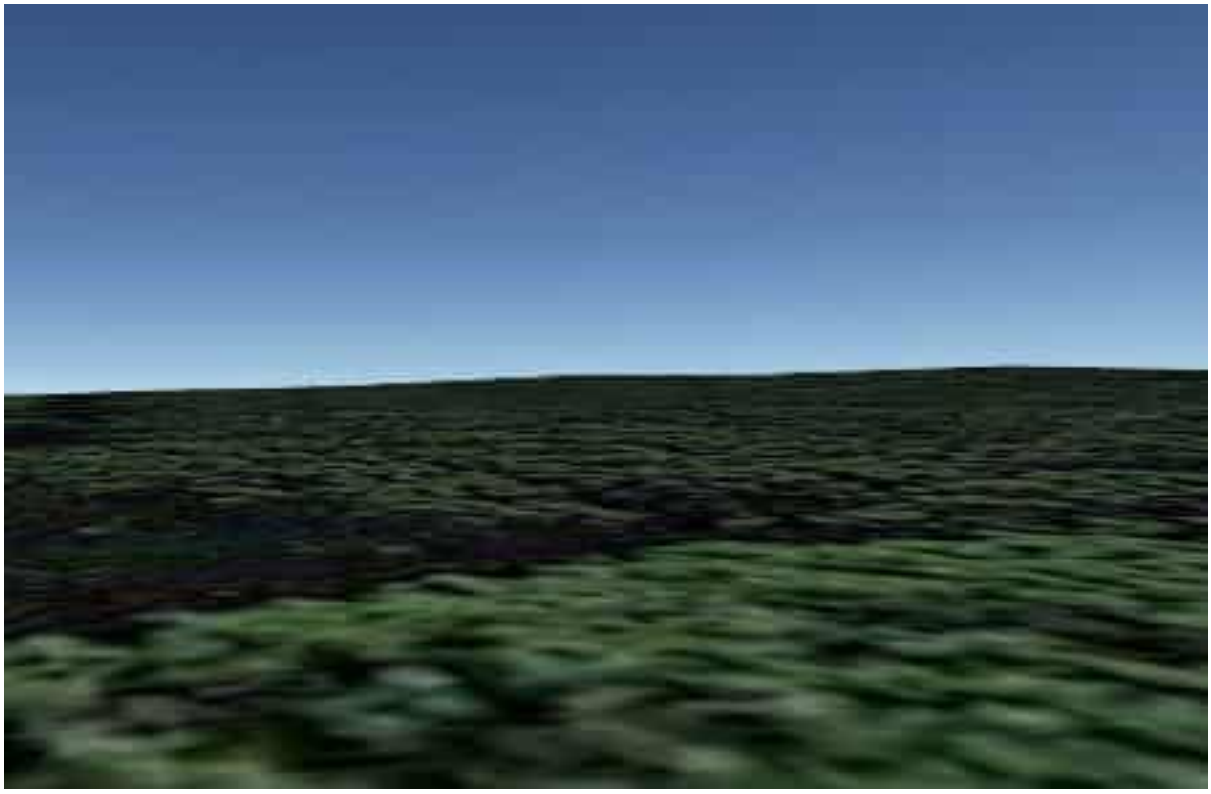
Receptor 11

Receptor 12

Receptor 13

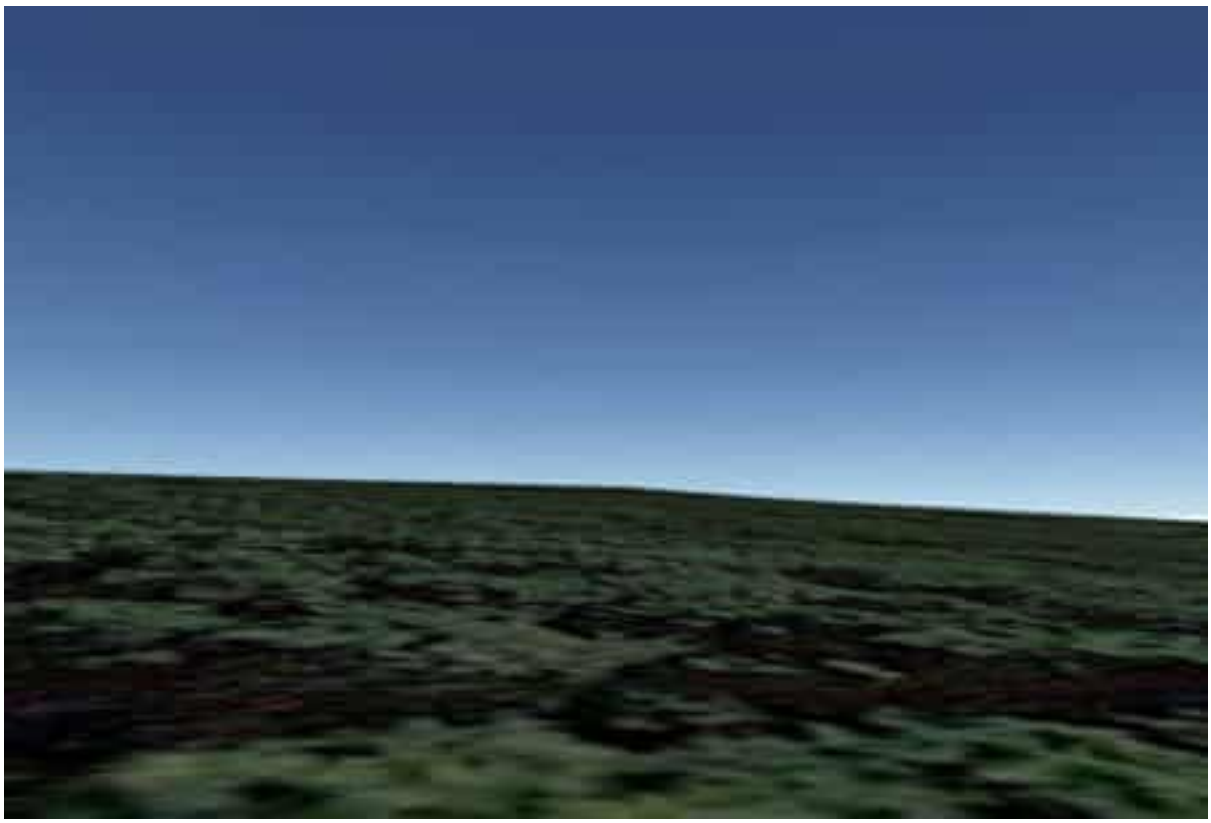
Bridleway Receptors

Receptor 1

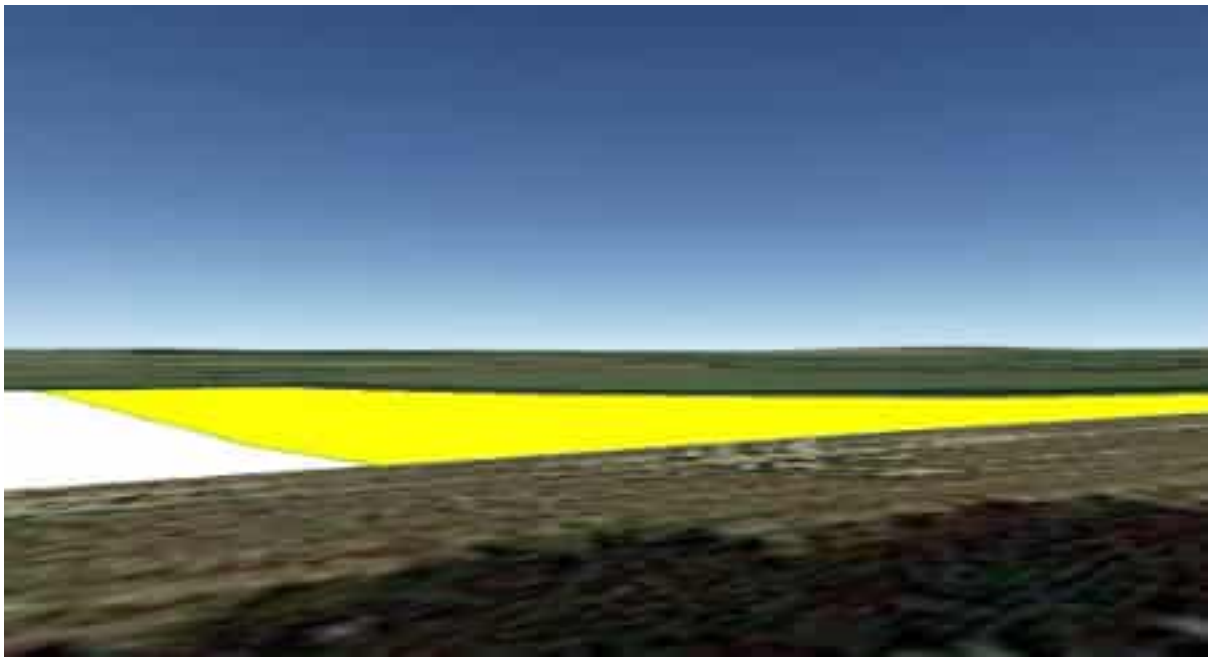


Receptor 2

Looking East

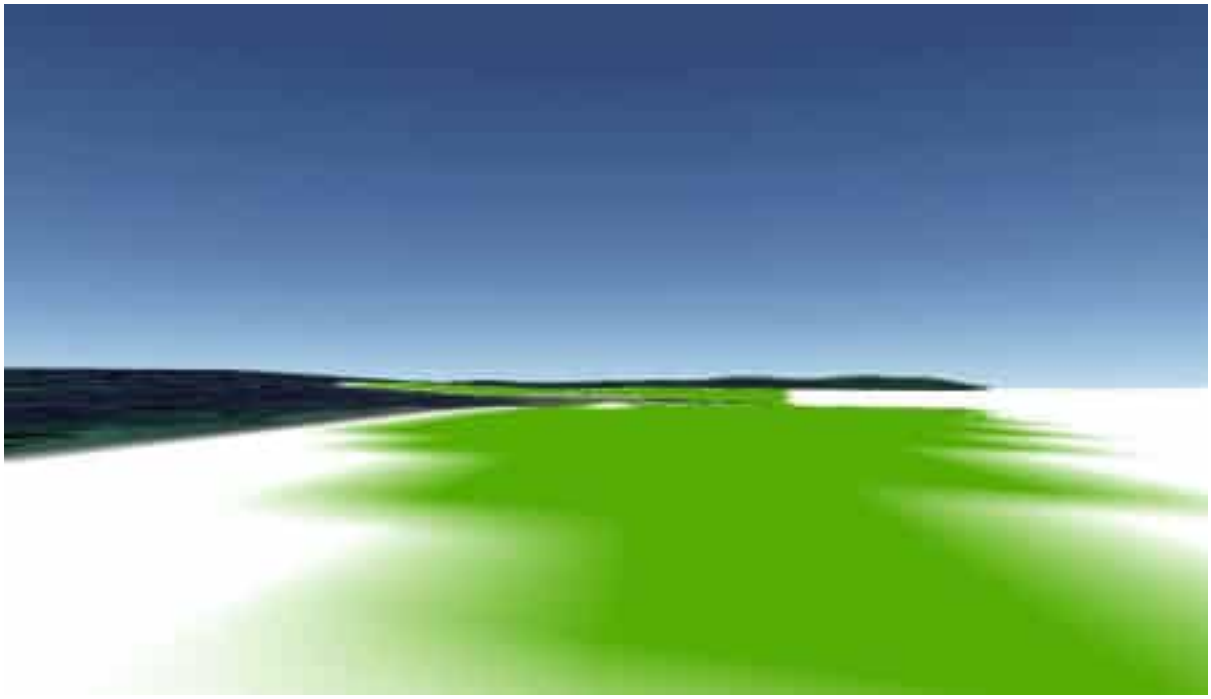


Looking West

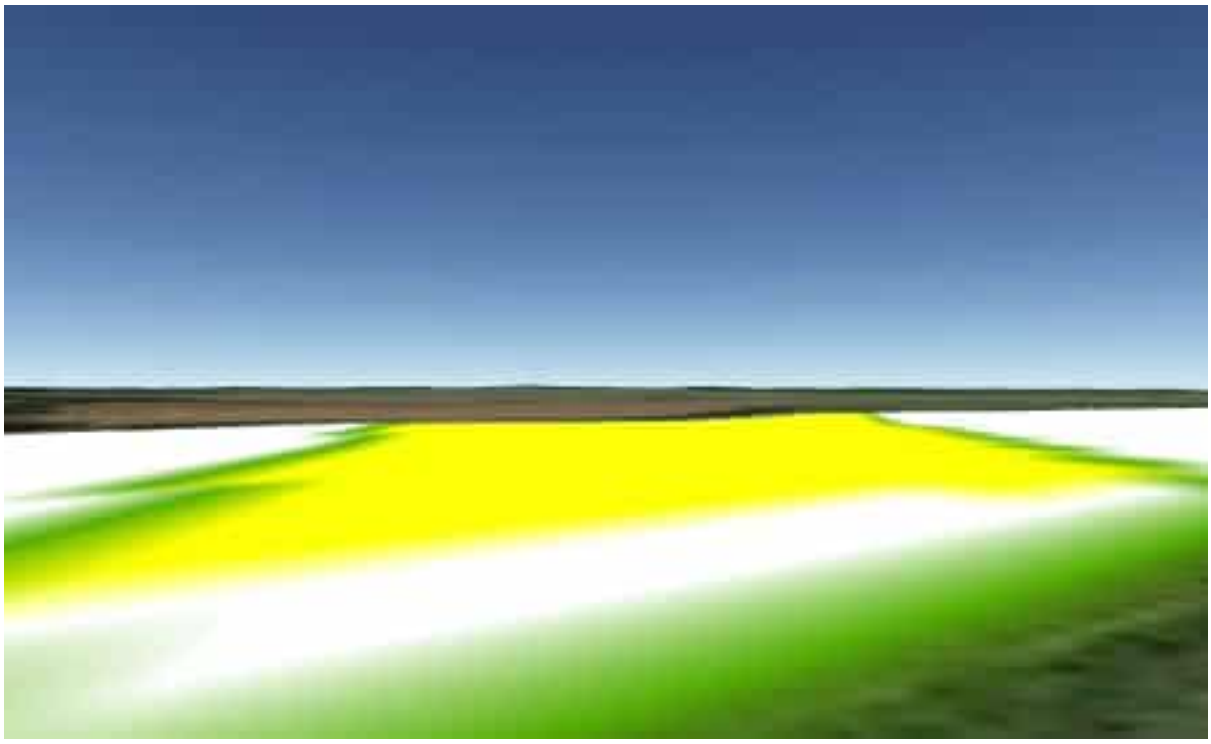


Receptor 3

Looking East

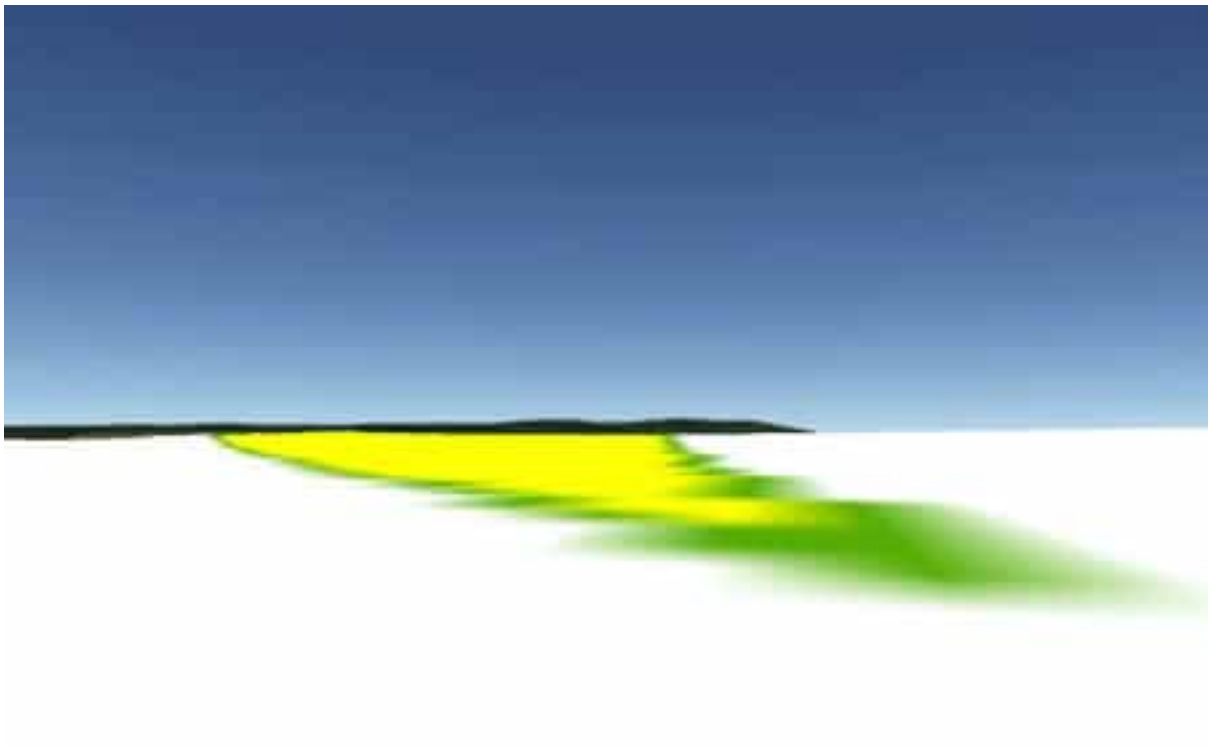


Looking West

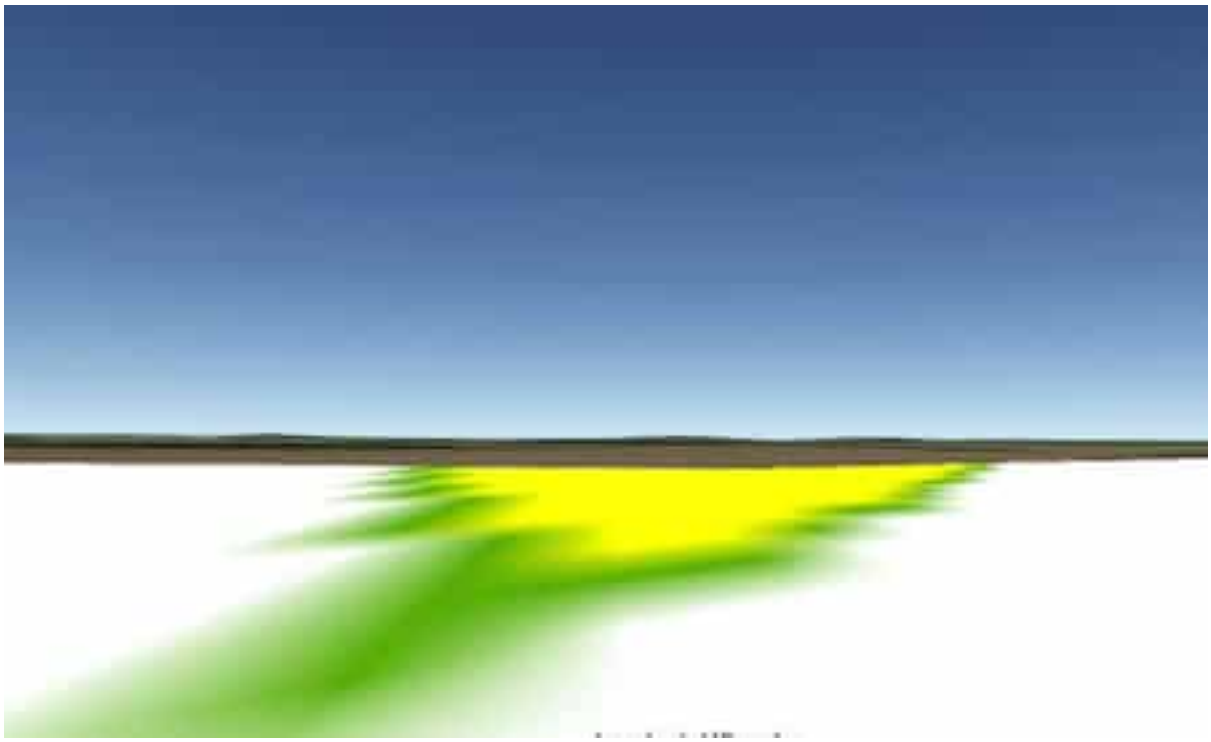


Receptor 4

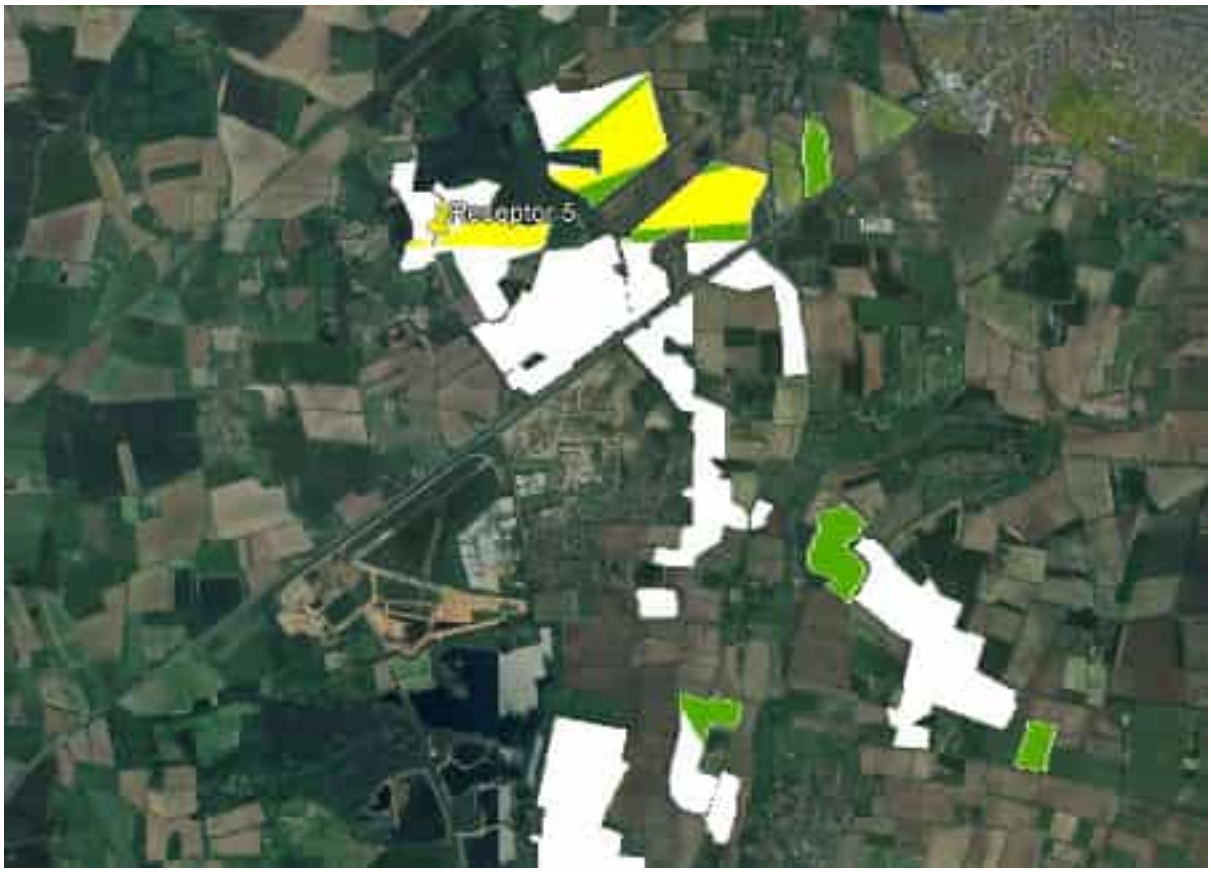
Looking East



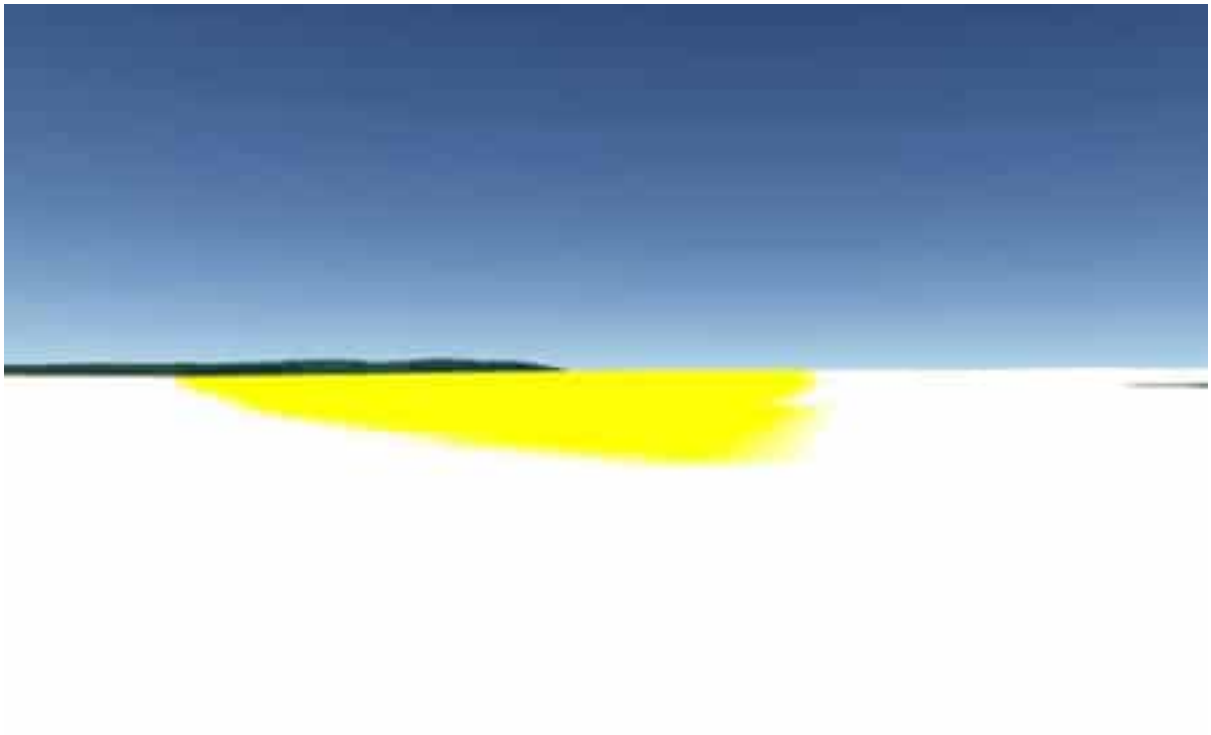
Looking West



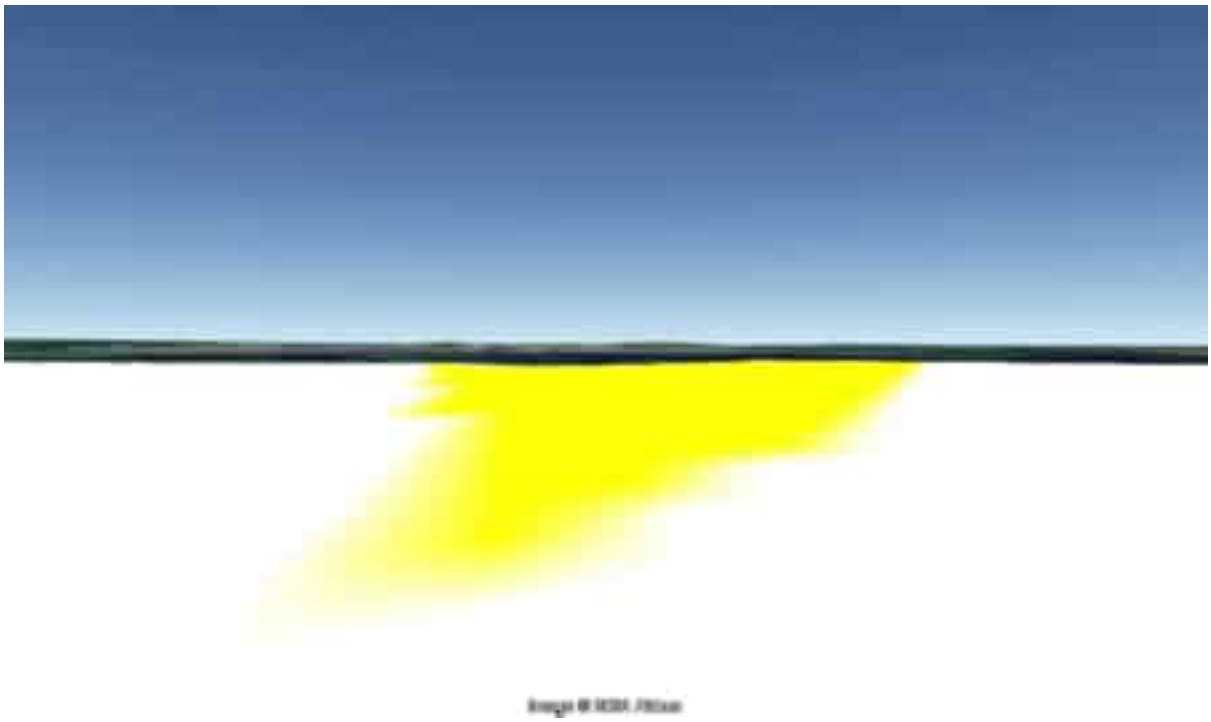
Receptor 5



Looking East

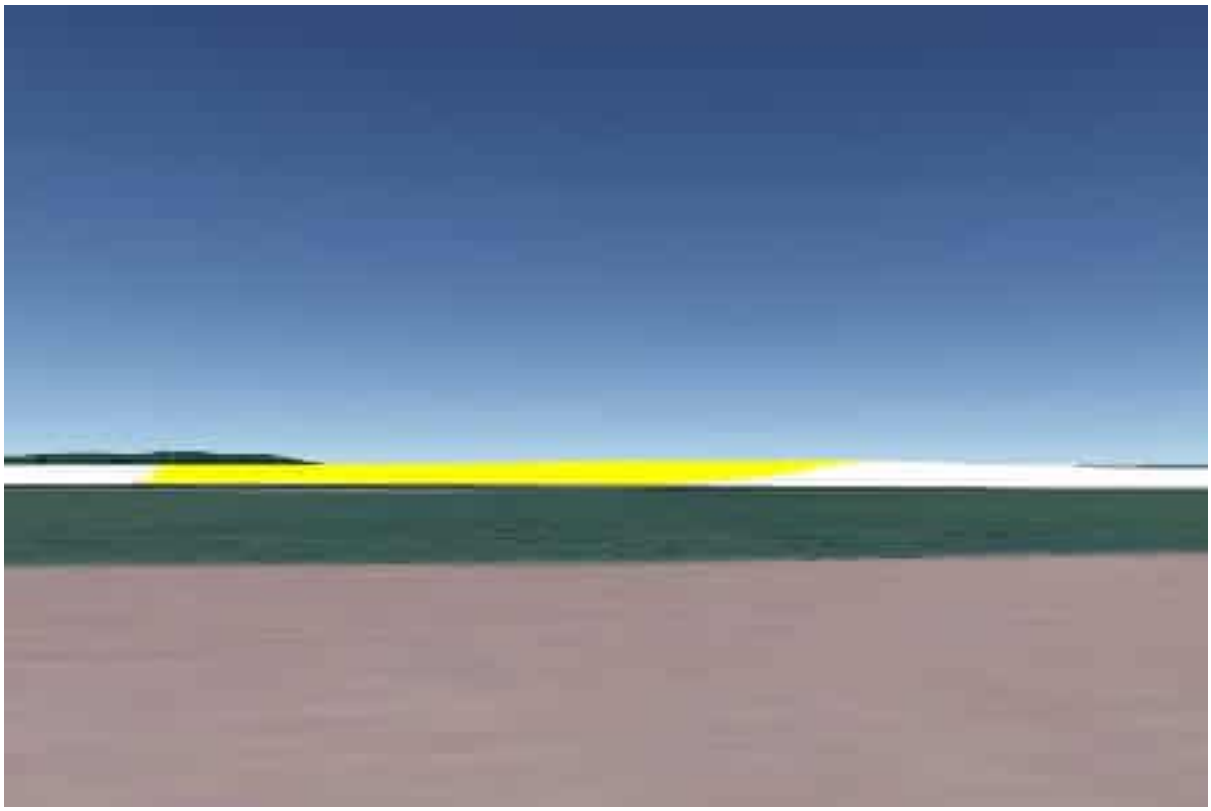


Looking West

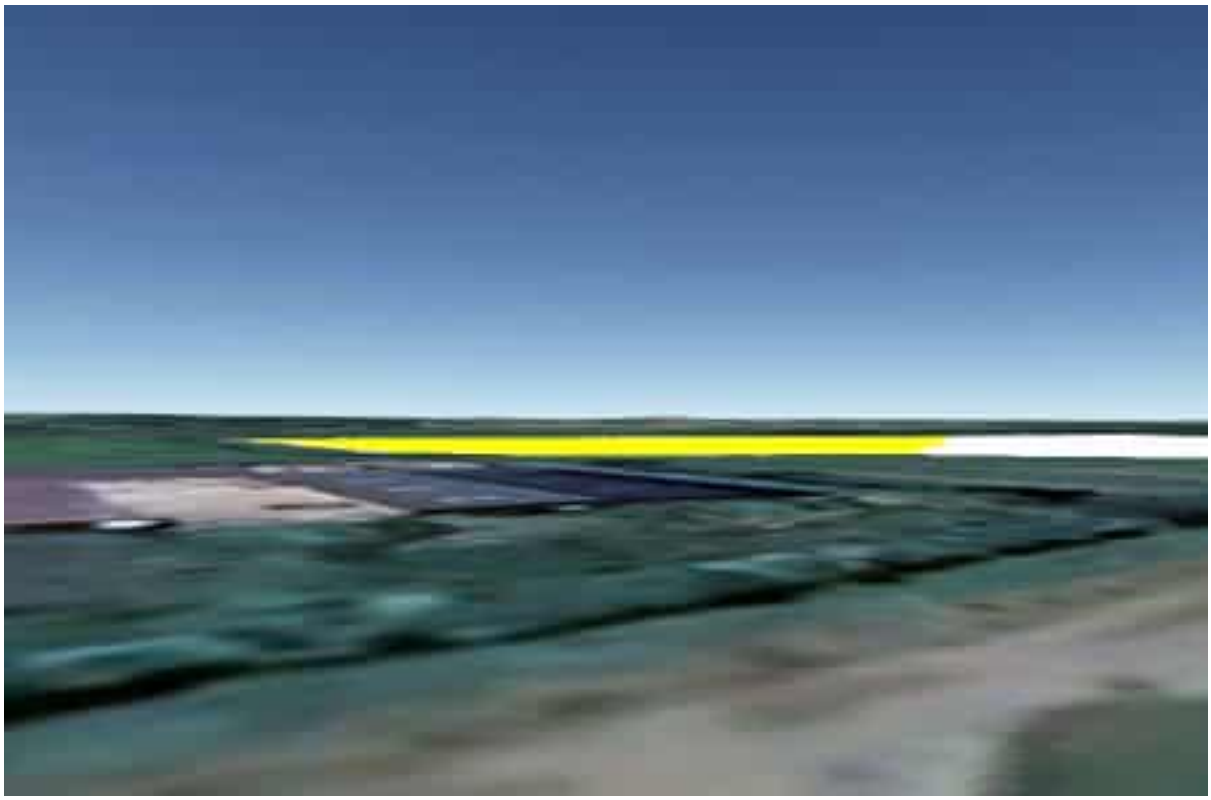


Receptor 6

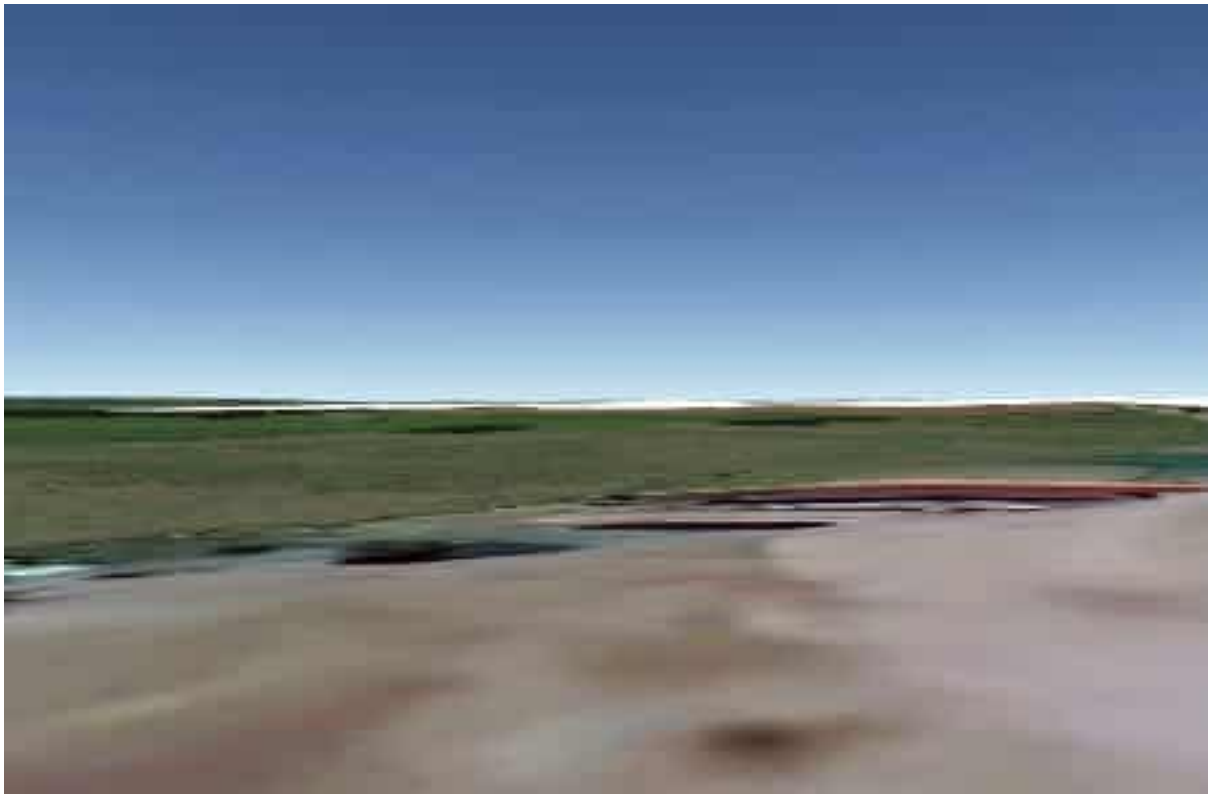
Looking East



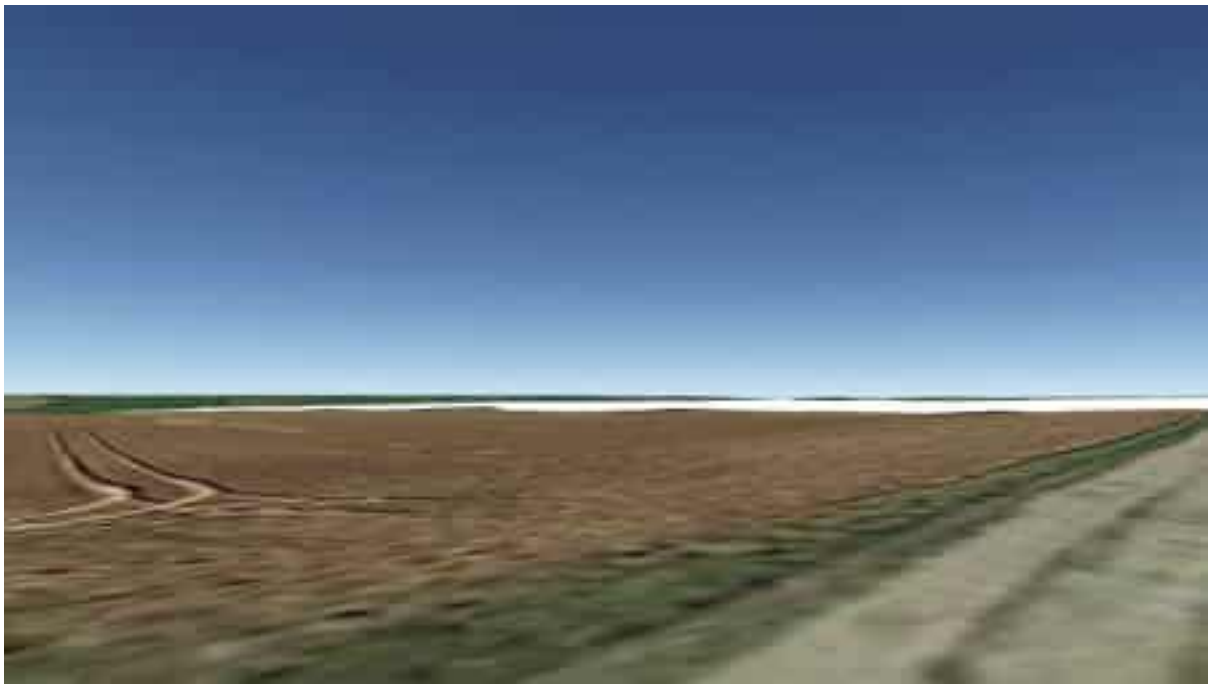
Looking West



Receptor 7

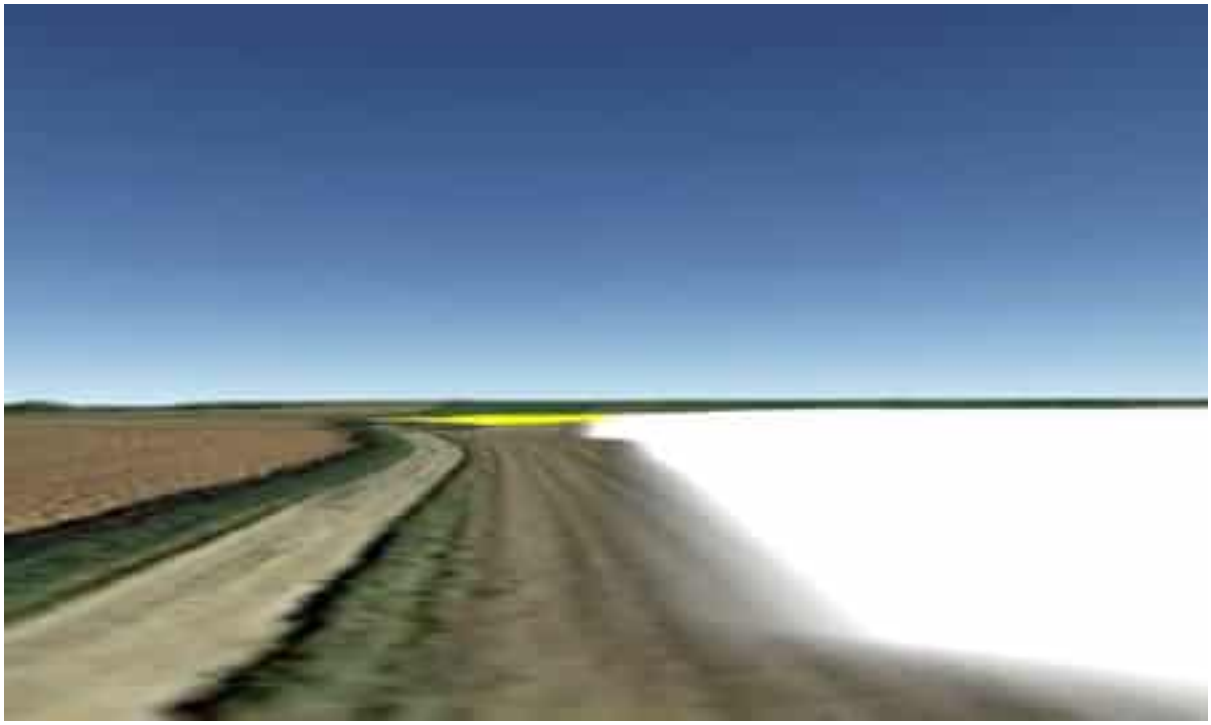


Receptor 8

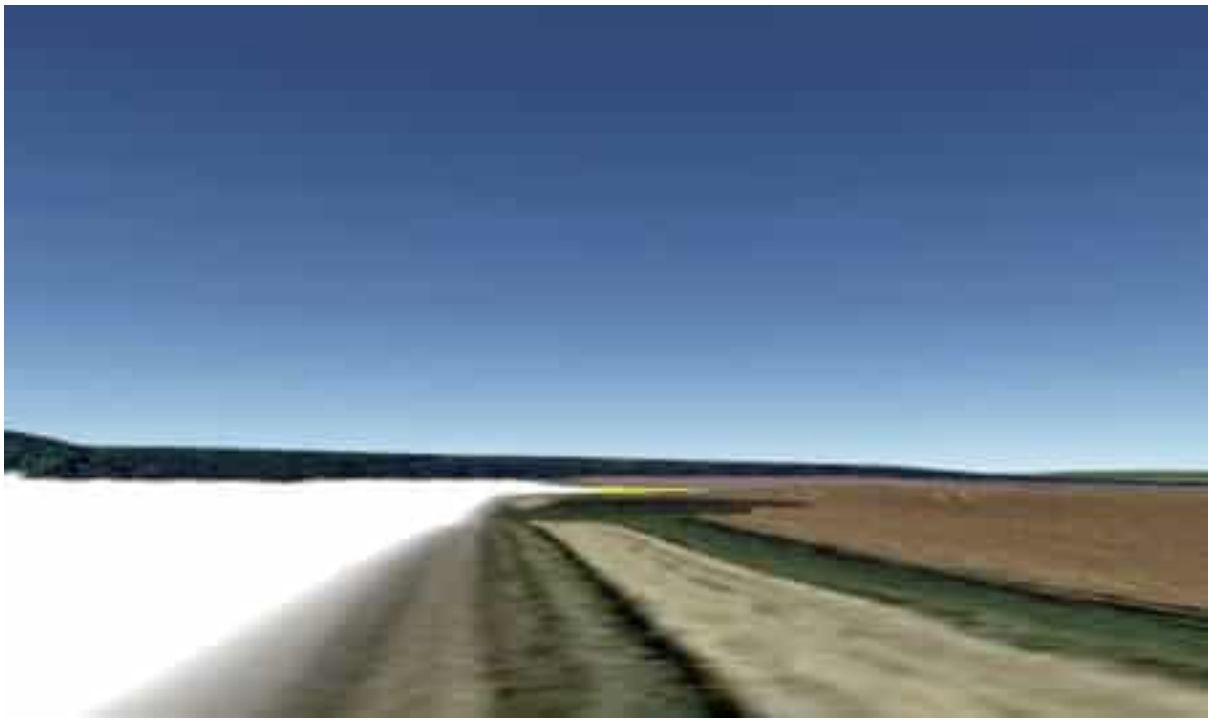


Receptor 9

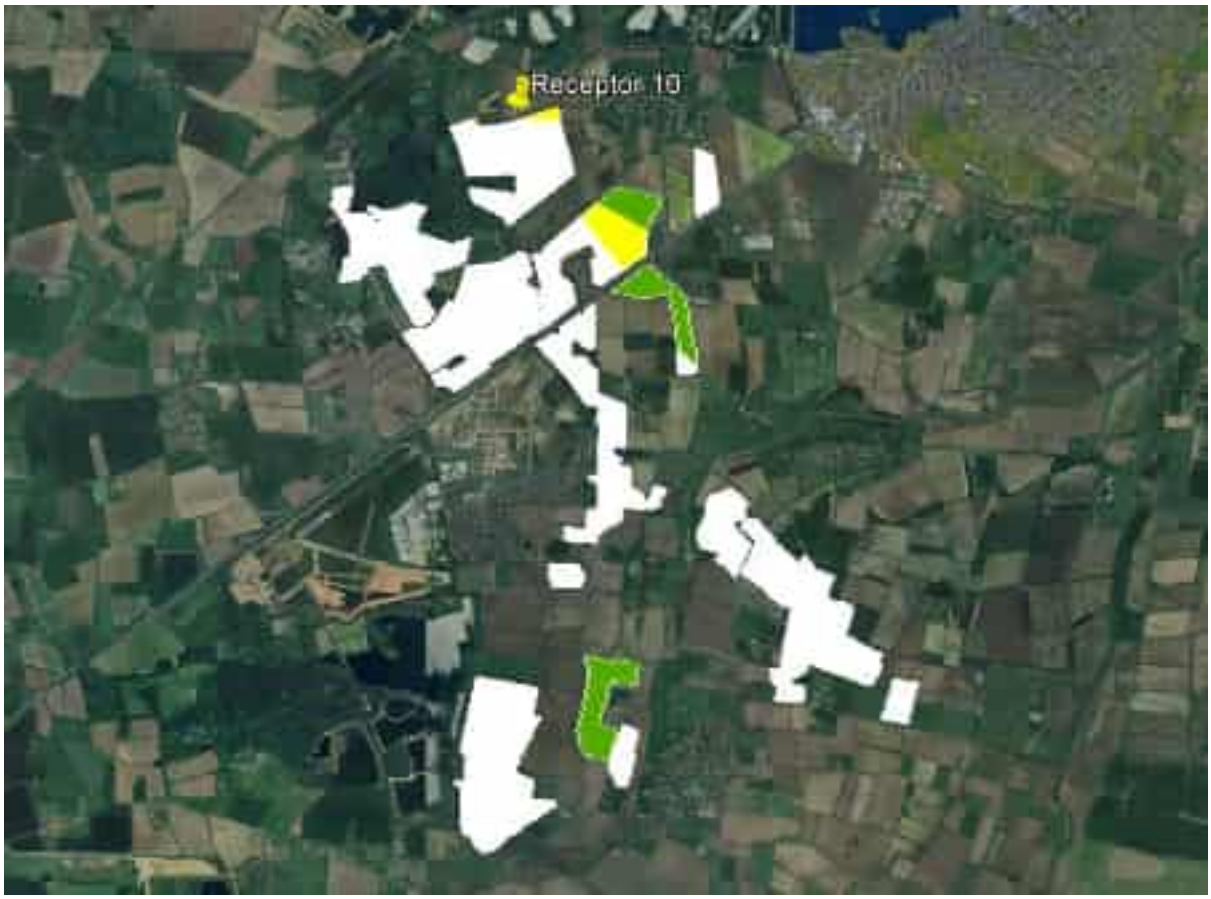
Looking East



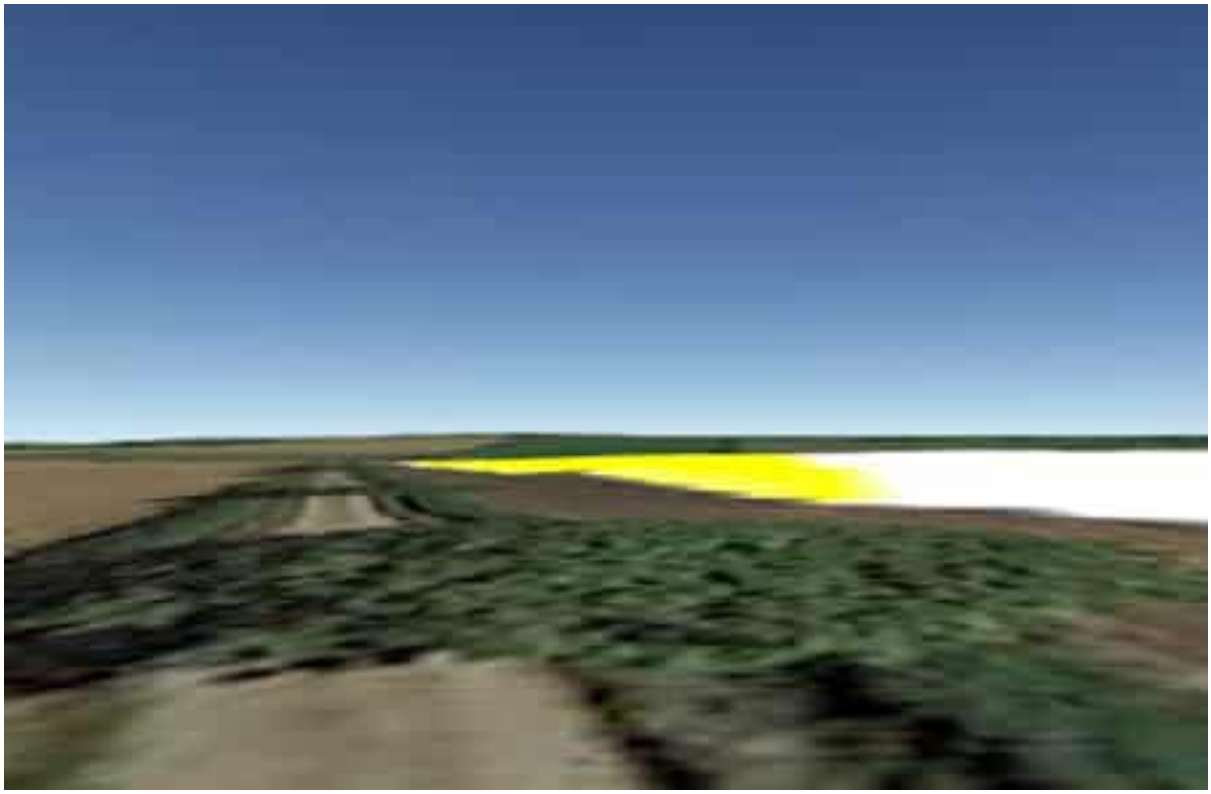
Looking West



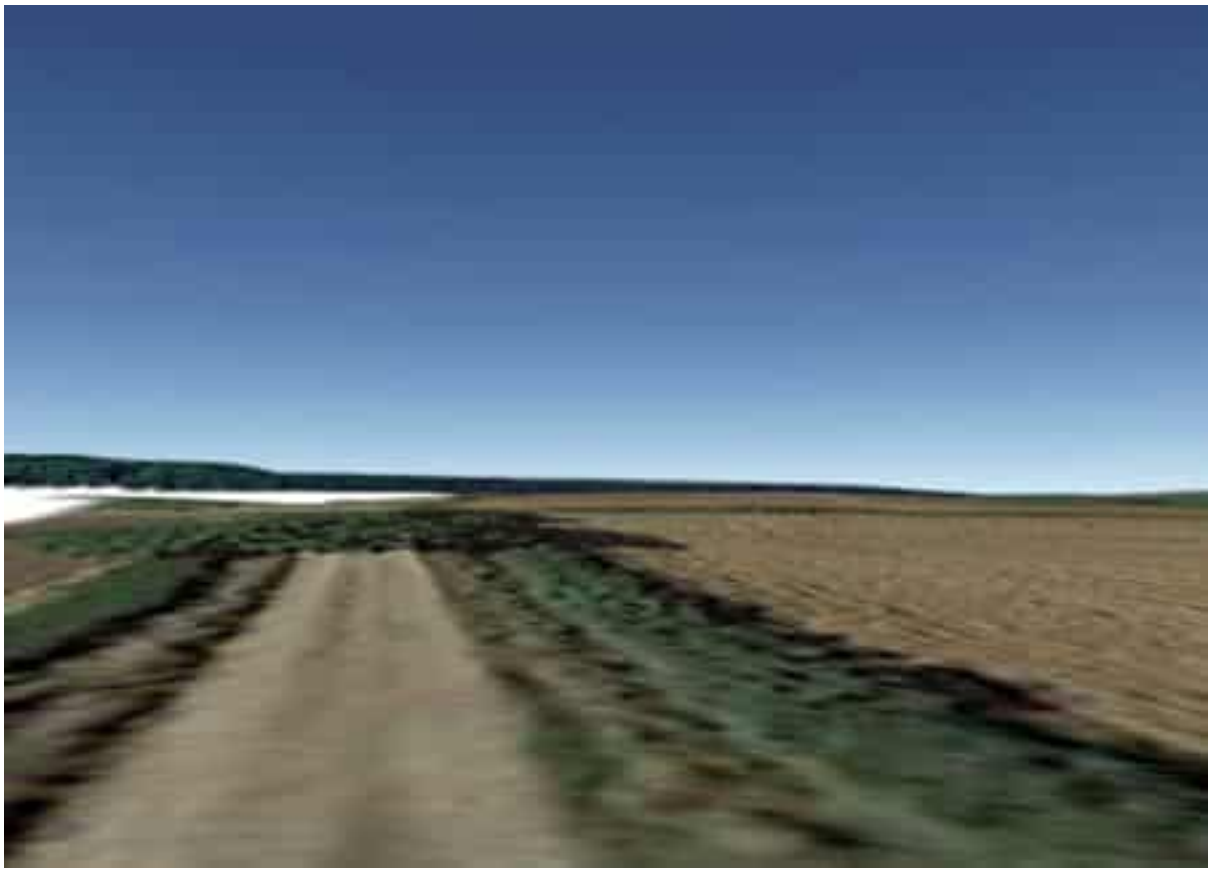
Receptor 10



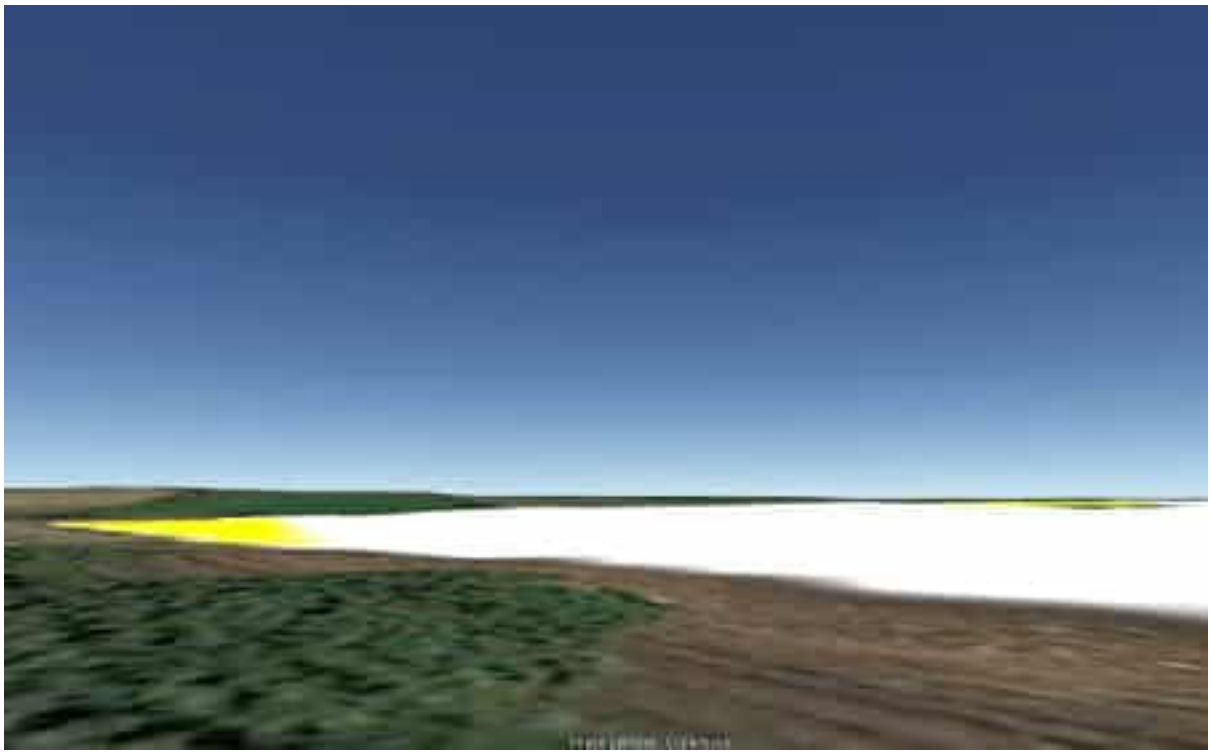
Looking East



Looking West



Receptor 11



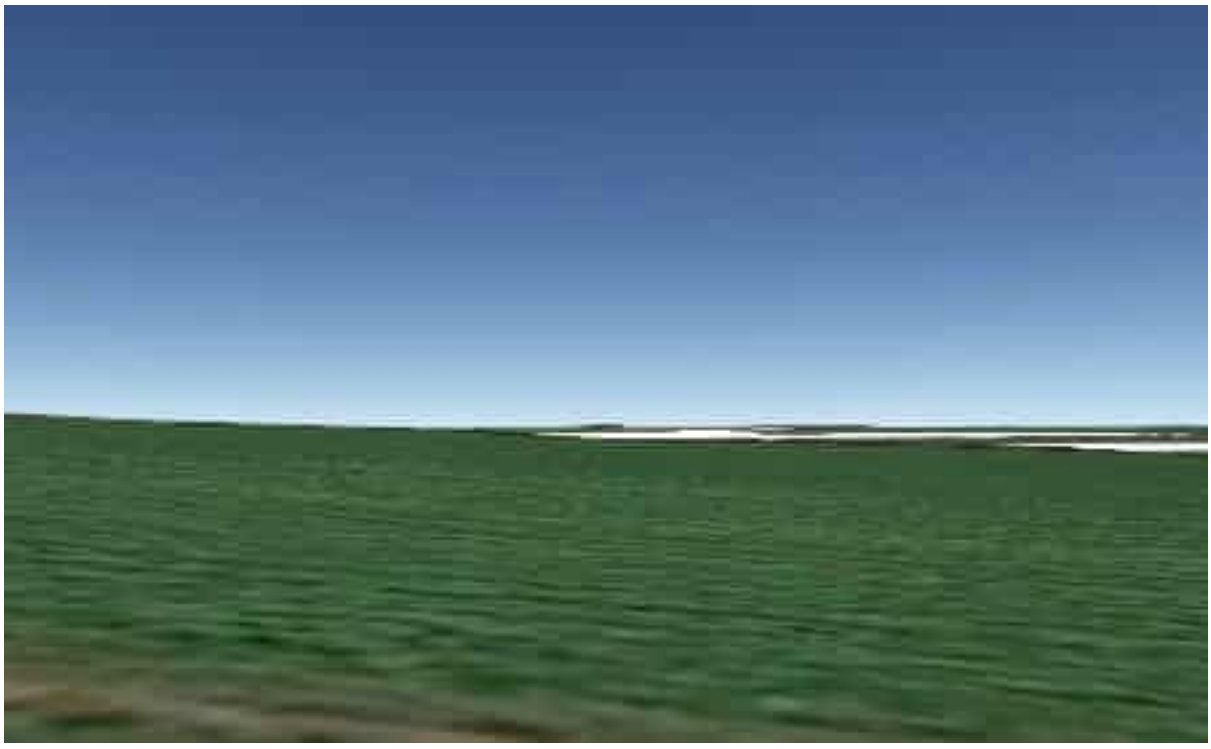
Receptor 12

Looking West

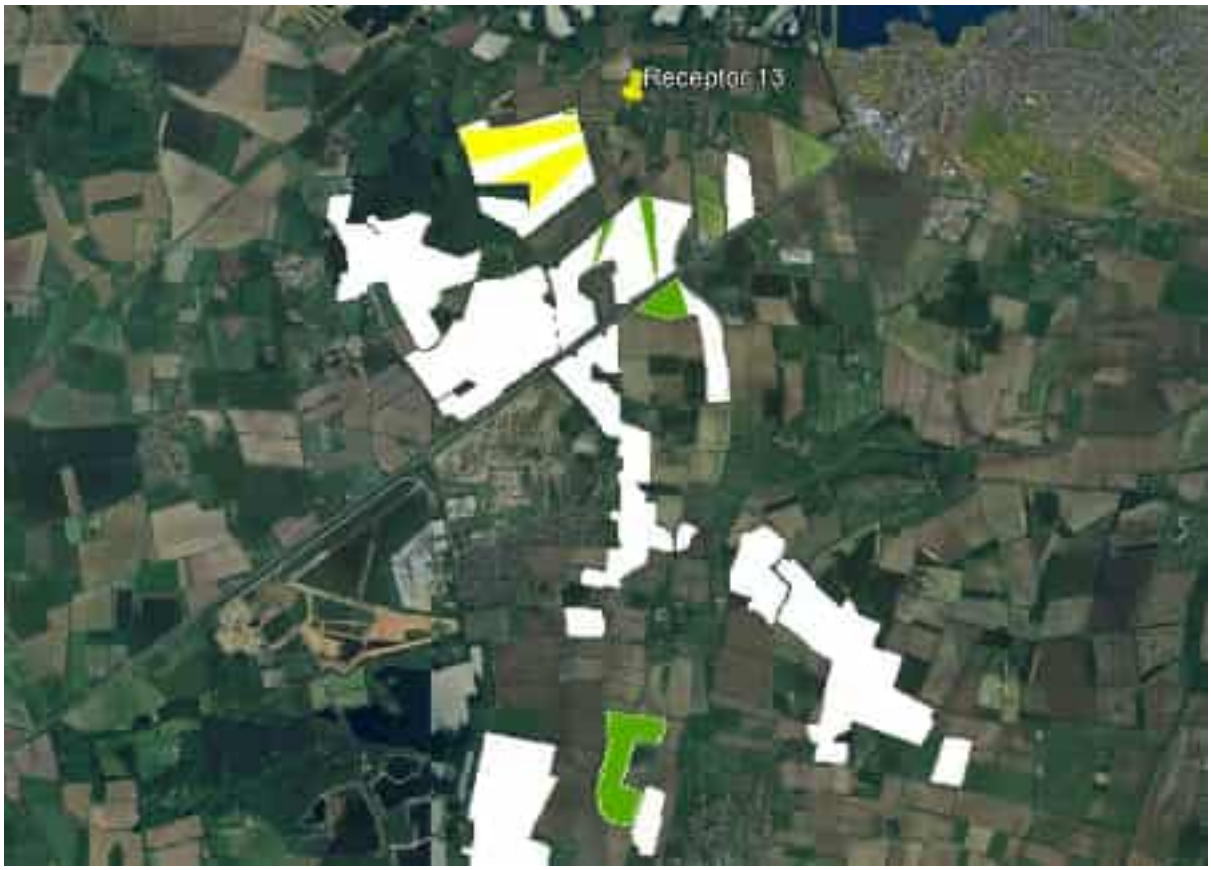
October 15th 16:30

November 30th 15:30 UTC

Looking South



Receptor 13

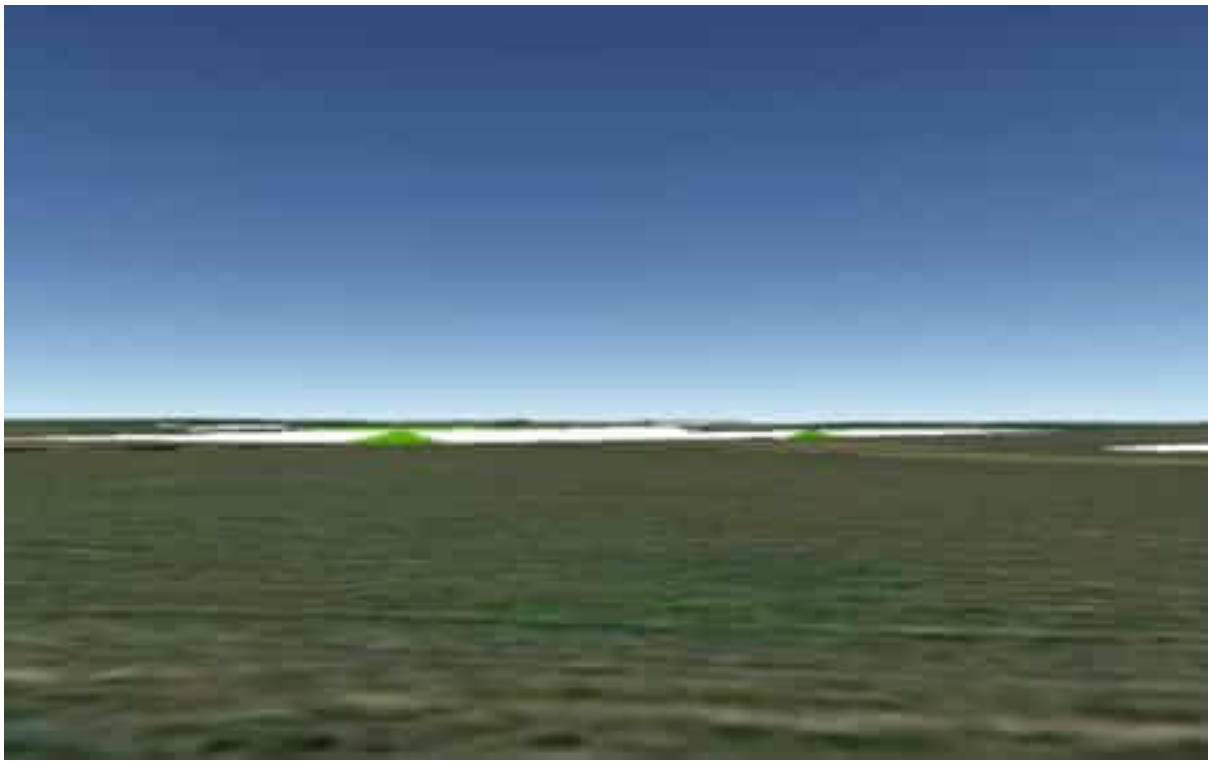


Looking West

January 1st 15:30 UTC

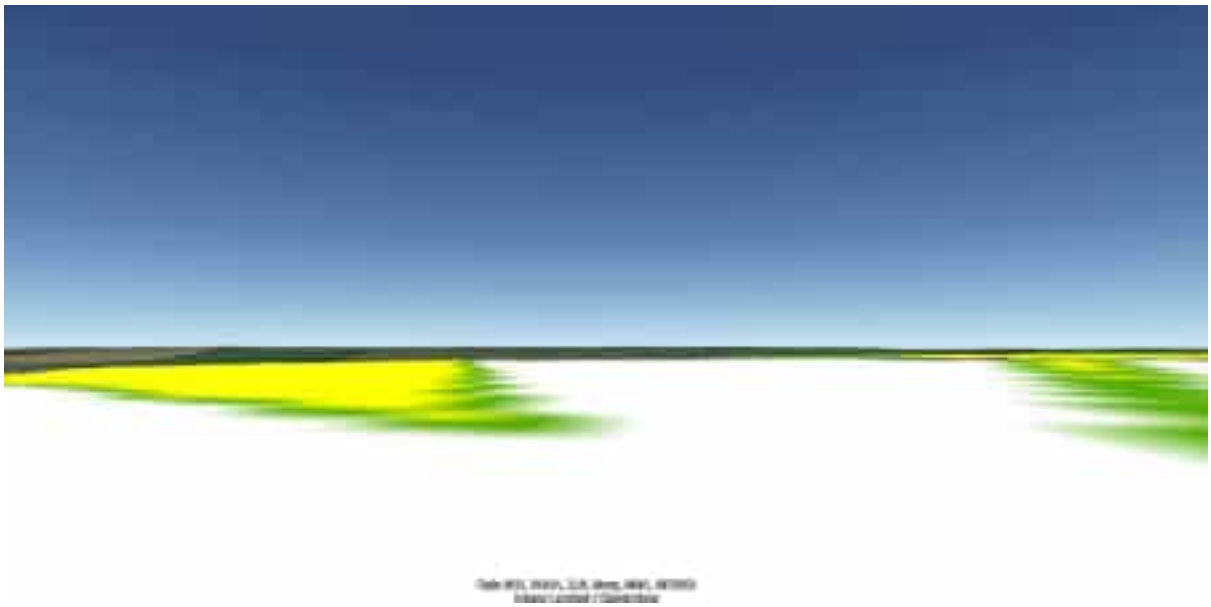
October 5th 17:00 UTC

Looking South

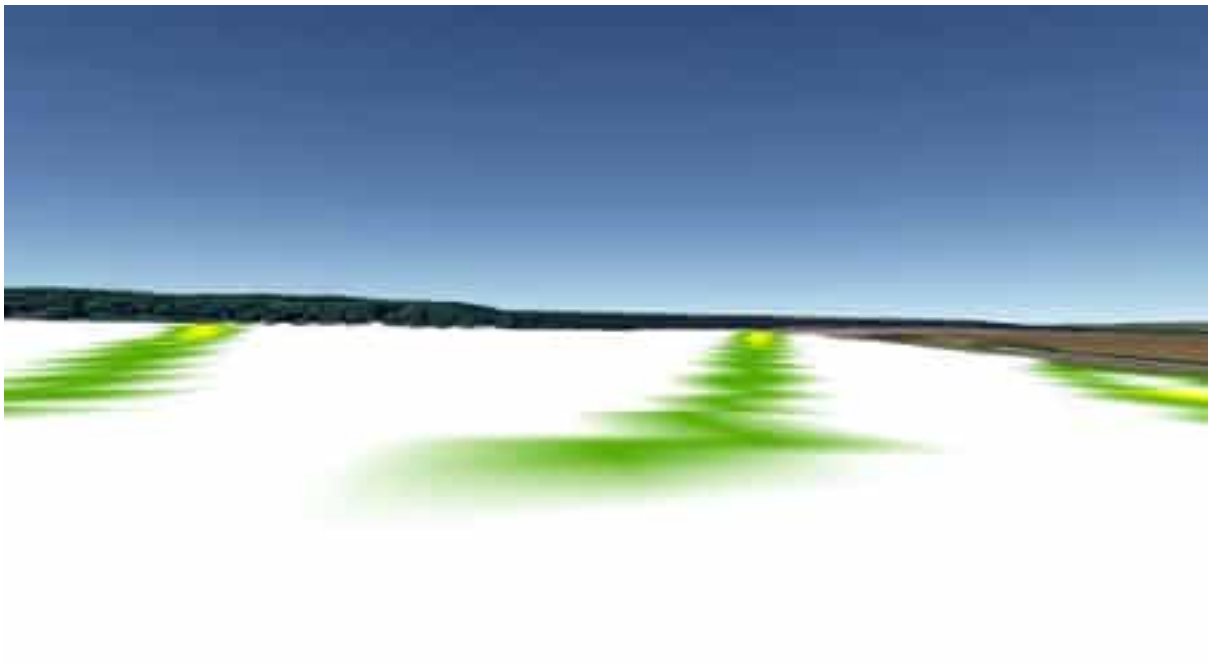


Receptor 14

Looking East

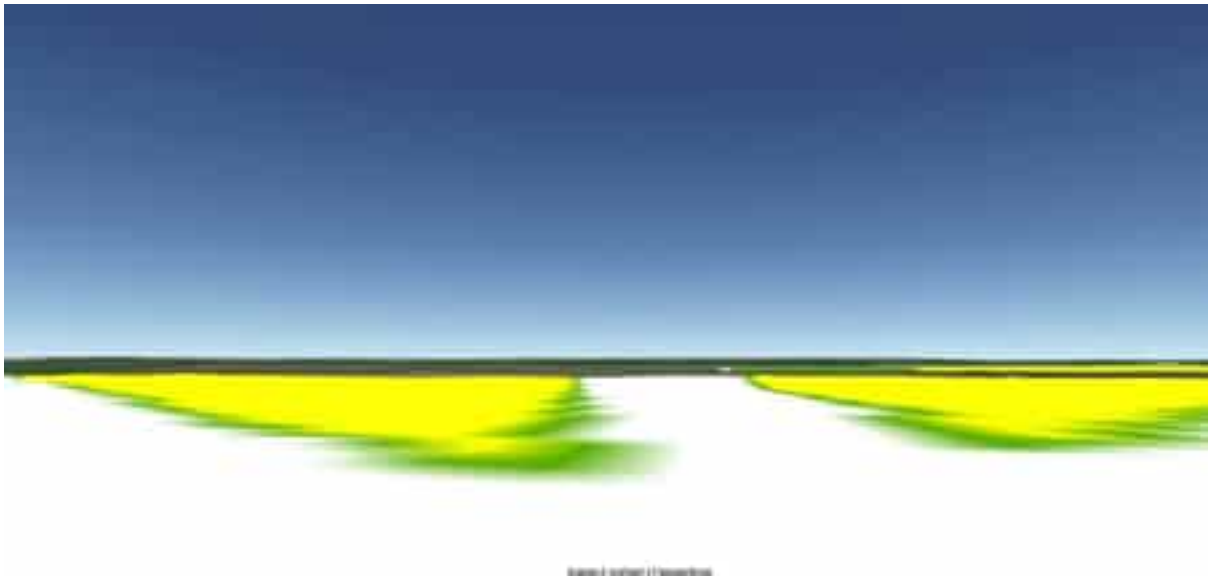


Looking west

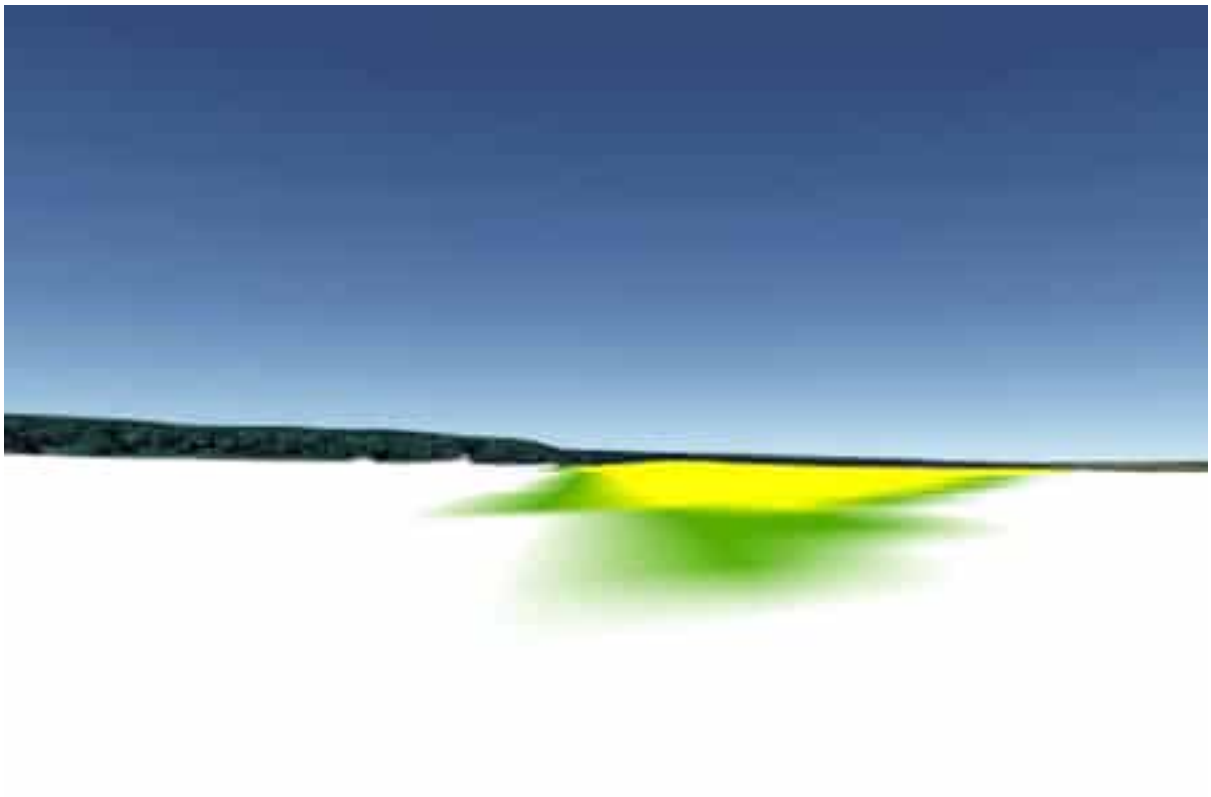


Receptor 15

Looking East



Looking West



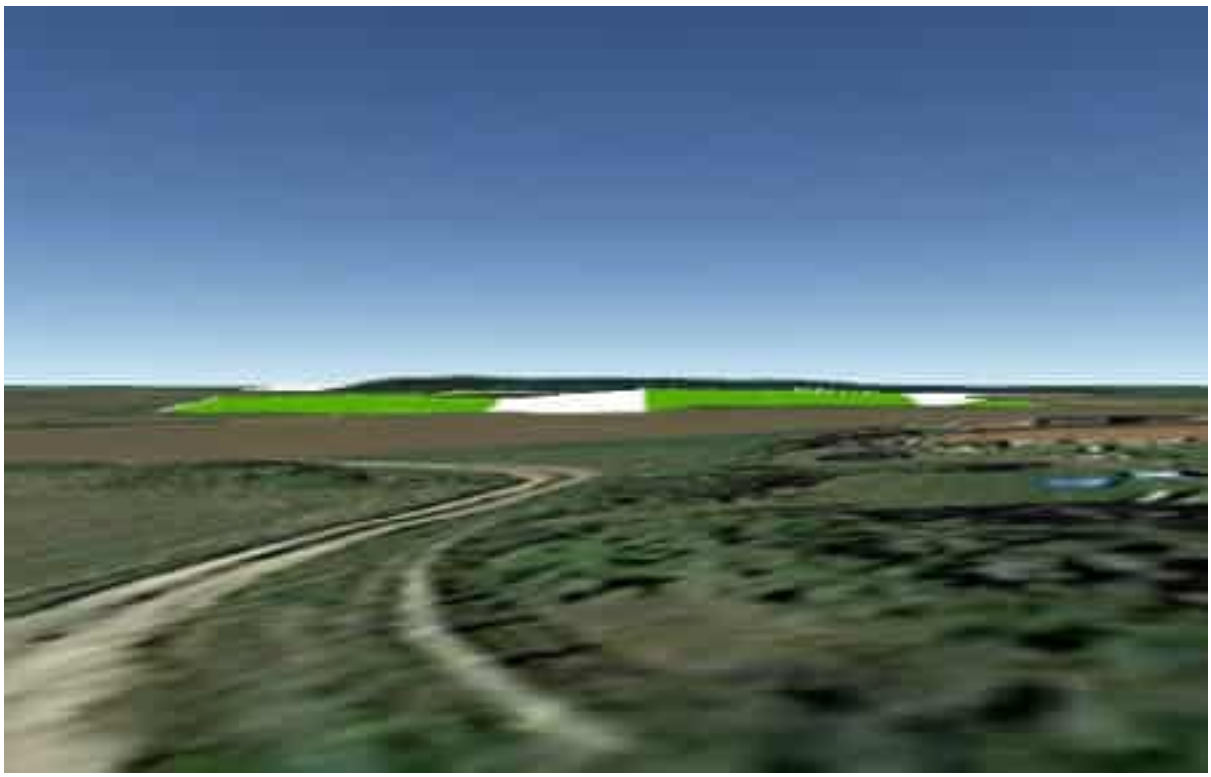
Receptor 16

Looking East

Looking West

Receptor 17

Looking West

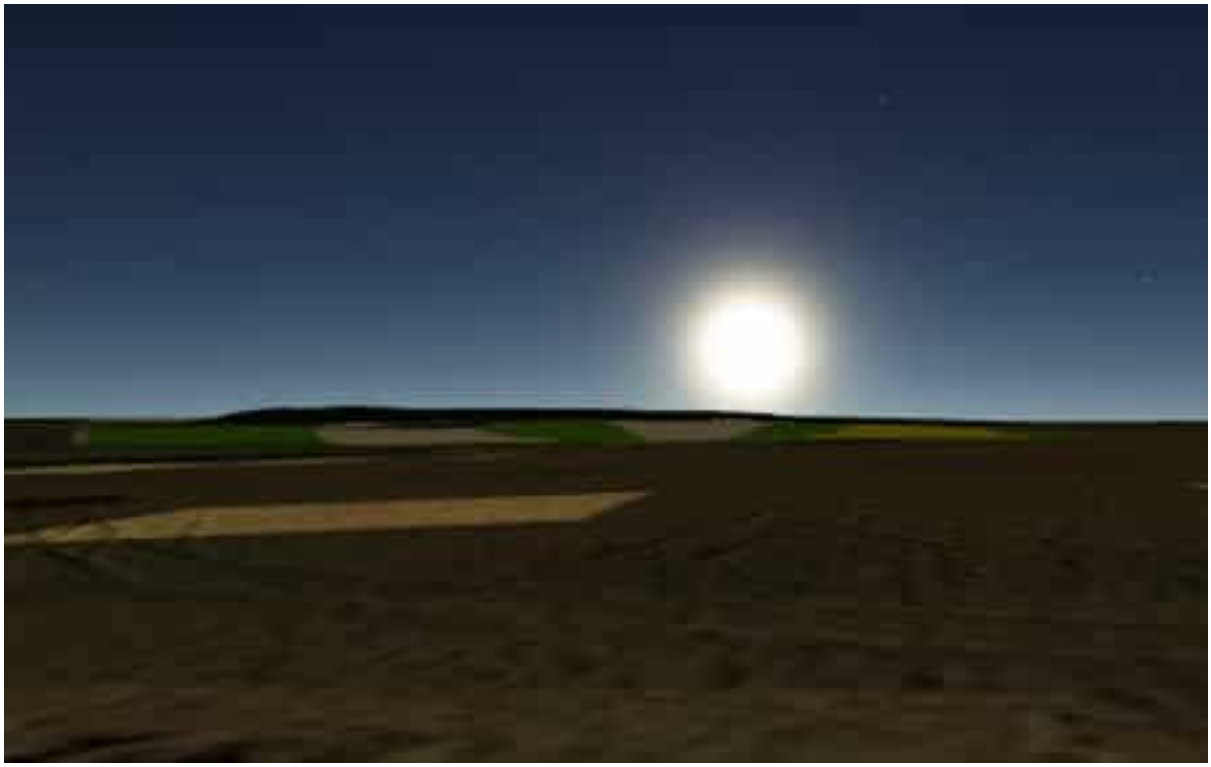


Looking South

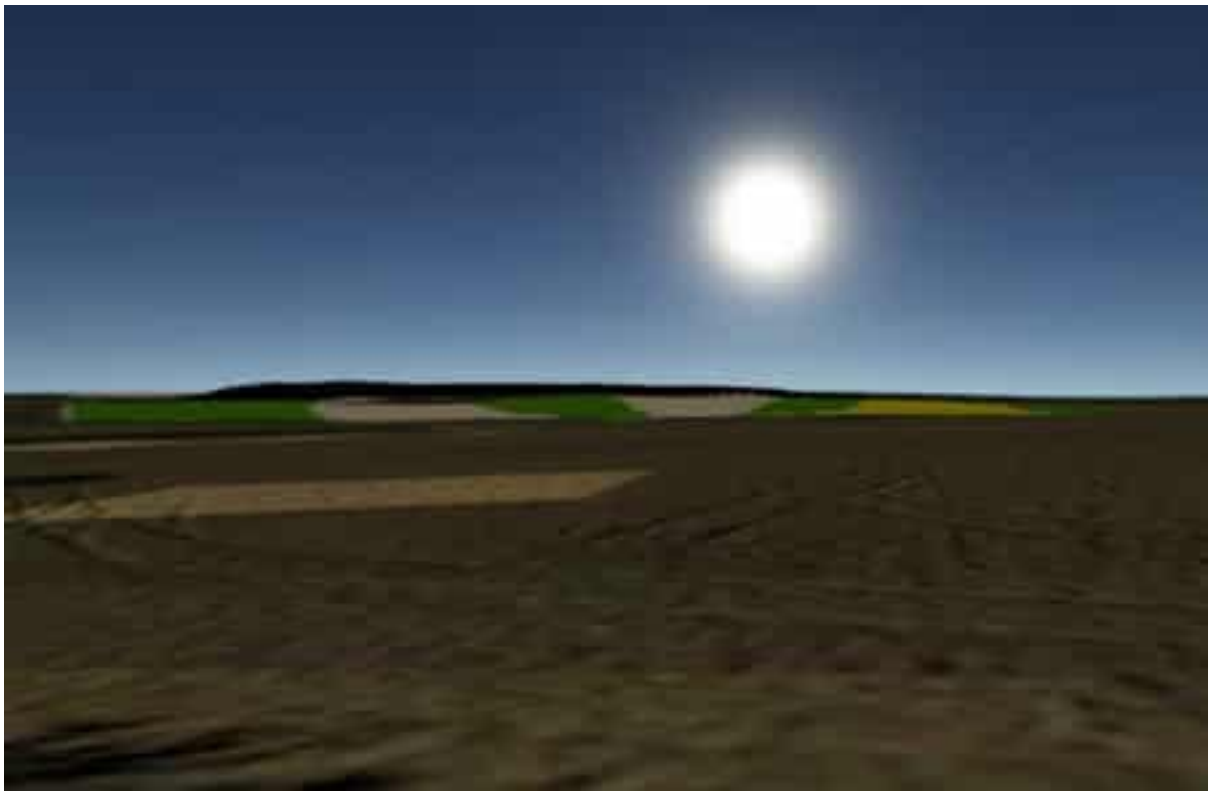
Receptor 18

Looking West

March 20th 17:45 UTC

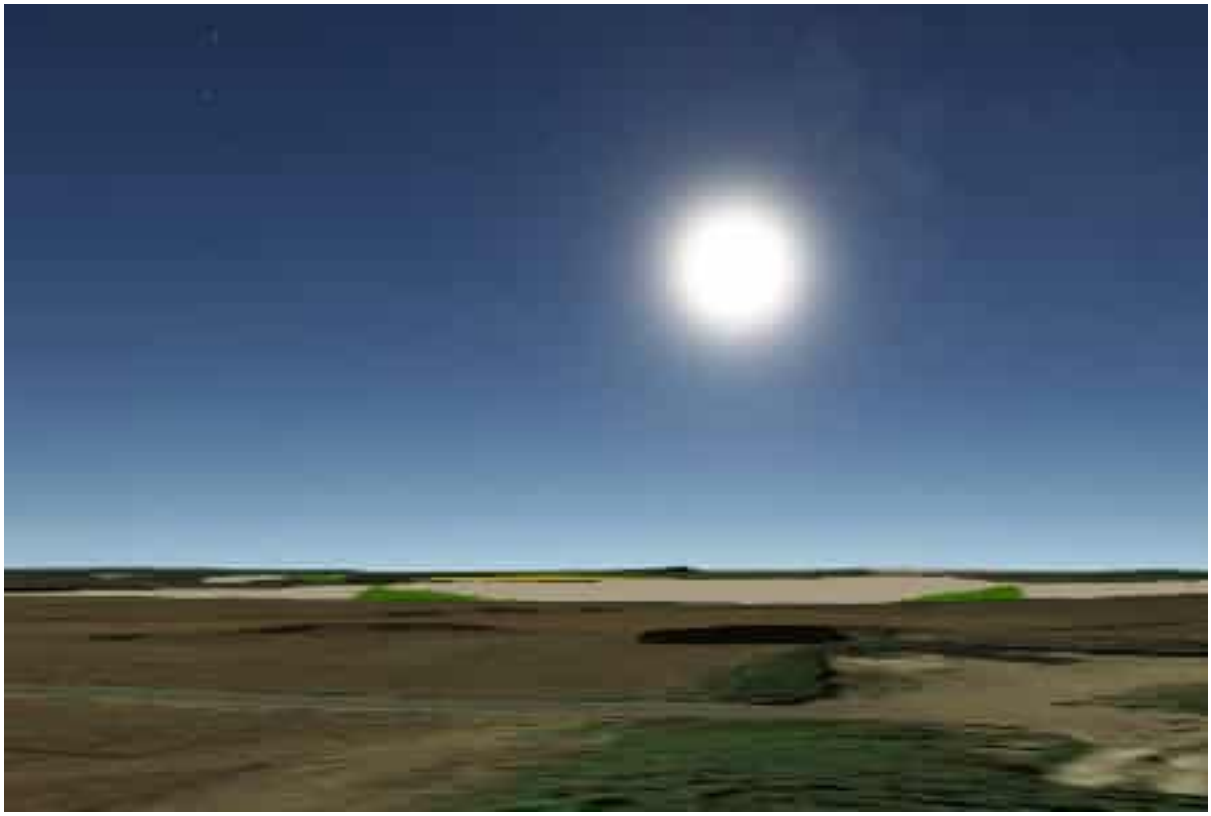


April 15th 17:30 UTC



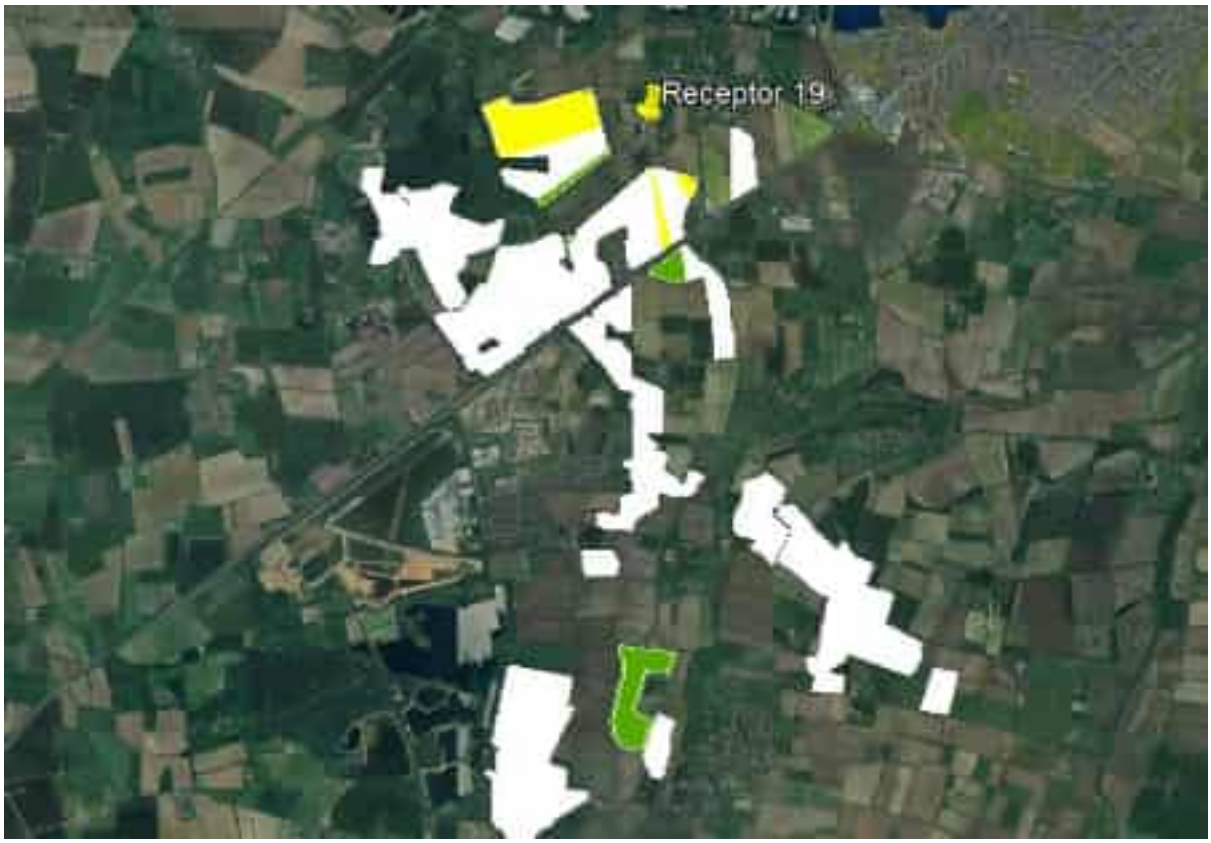
Looking South

January 1st 12:15 UTC



December 1st 12:00 UTC

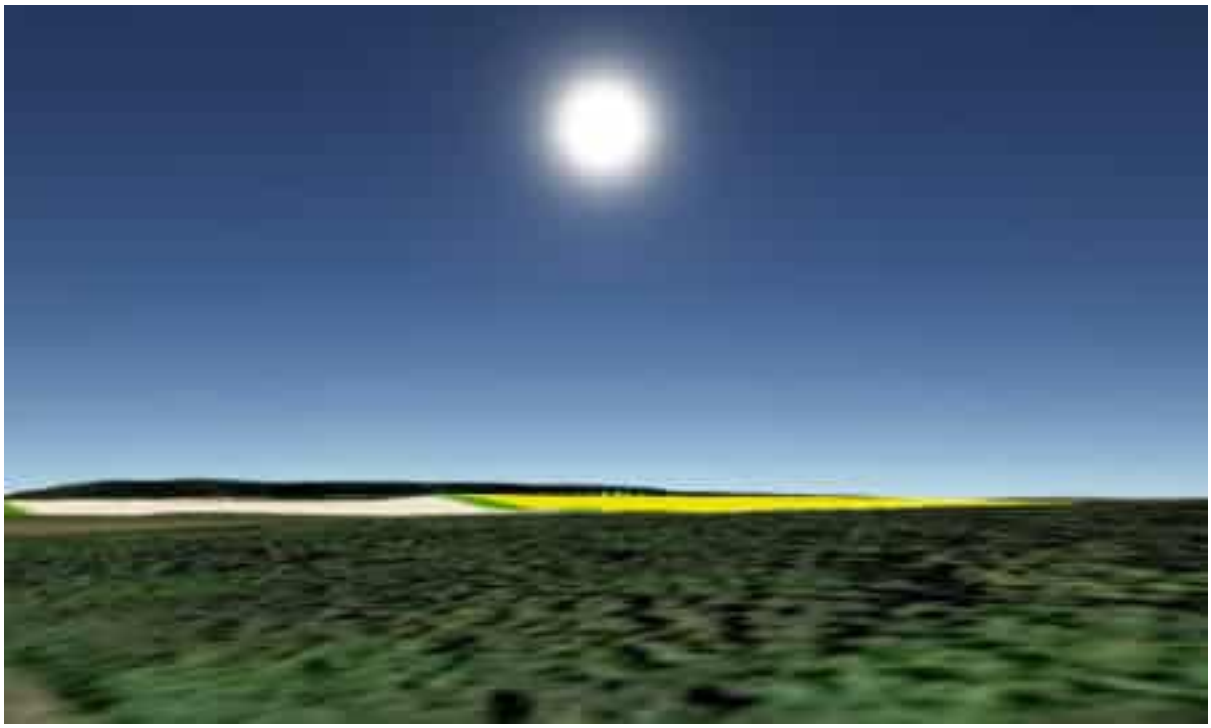
Receptor 19



Looking West

March 15th 17:45 UTC

May 5th 17:00 UTC



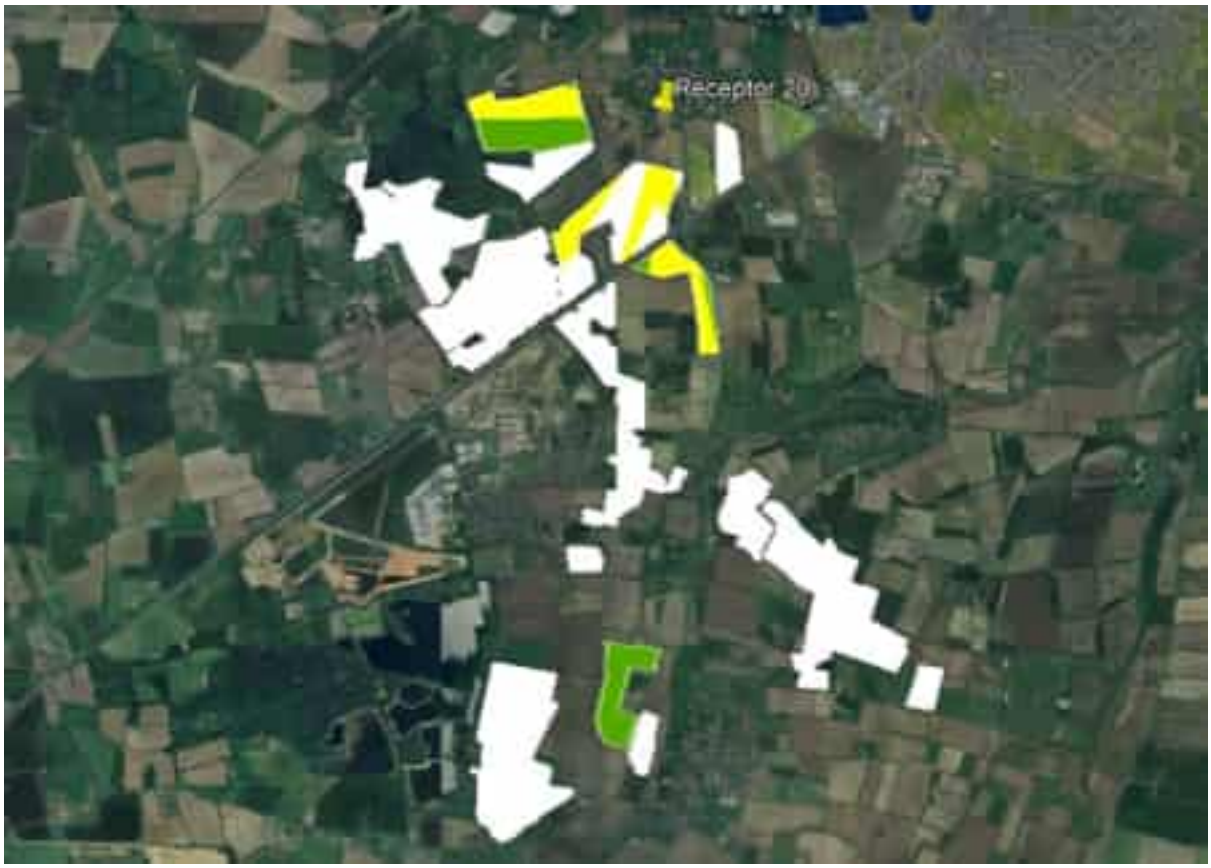
October 1st 17:15 UTC

Looking South

January 1st 09:15 UTC

December 5th 09:15 UTC

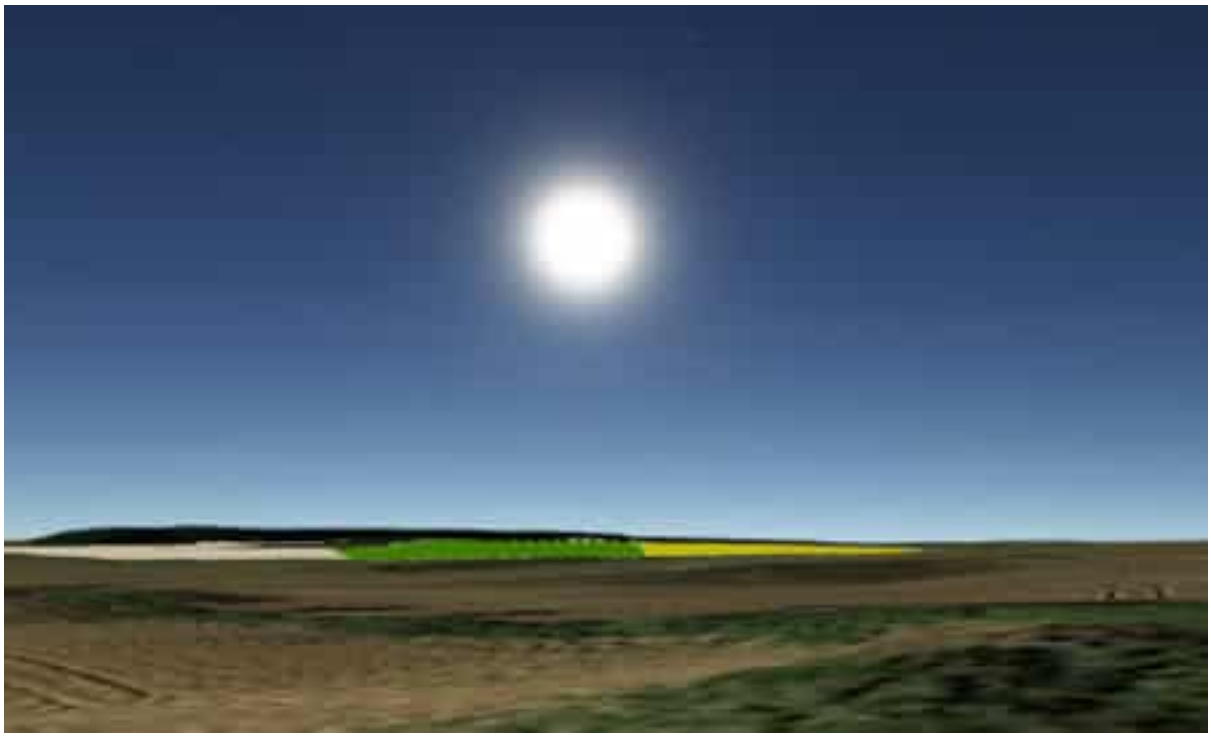
Receptor 20



Looking West

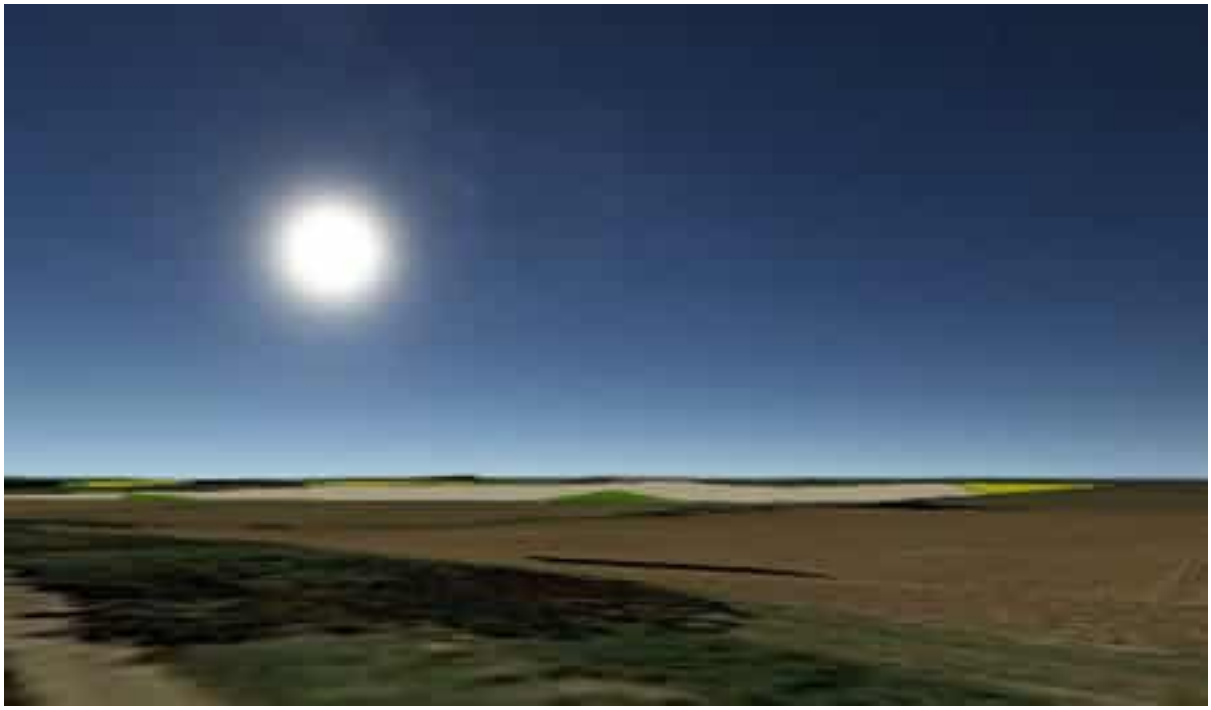
March 20th 17:45 UTC

April 20th 17:15 UTC

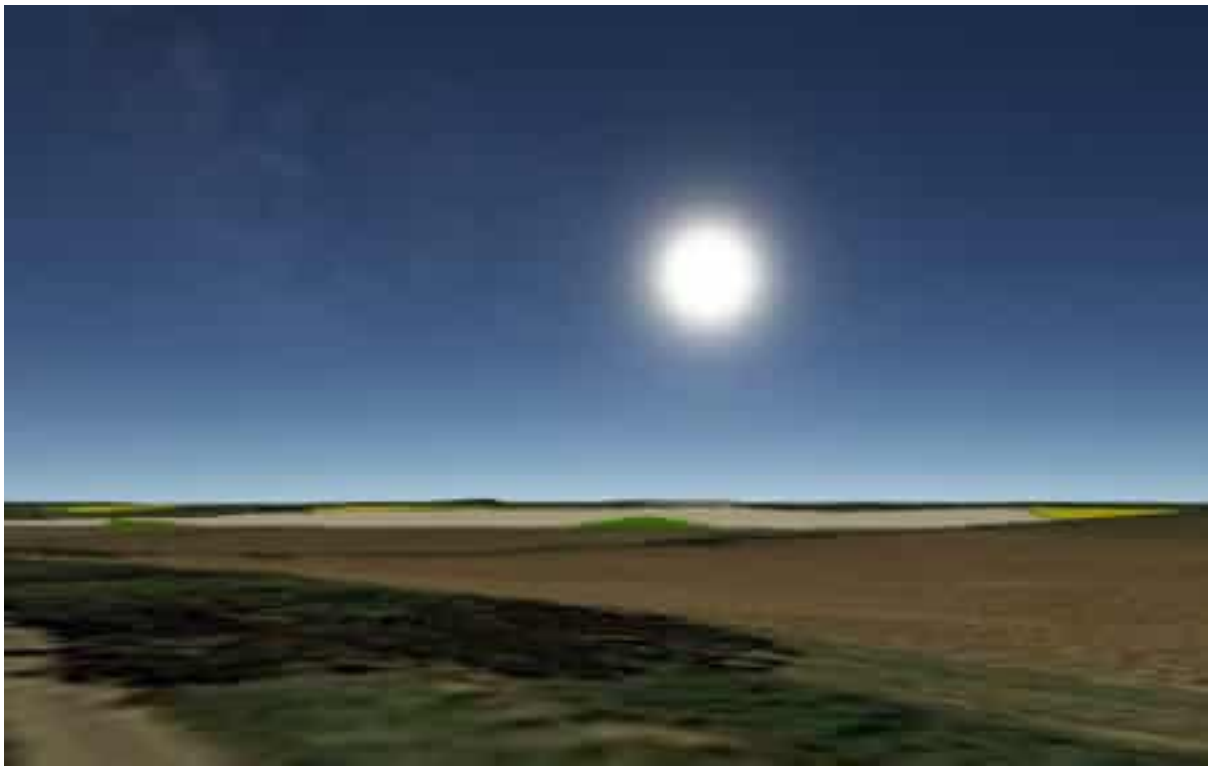


Looking South

January 1st 11:45 UTC



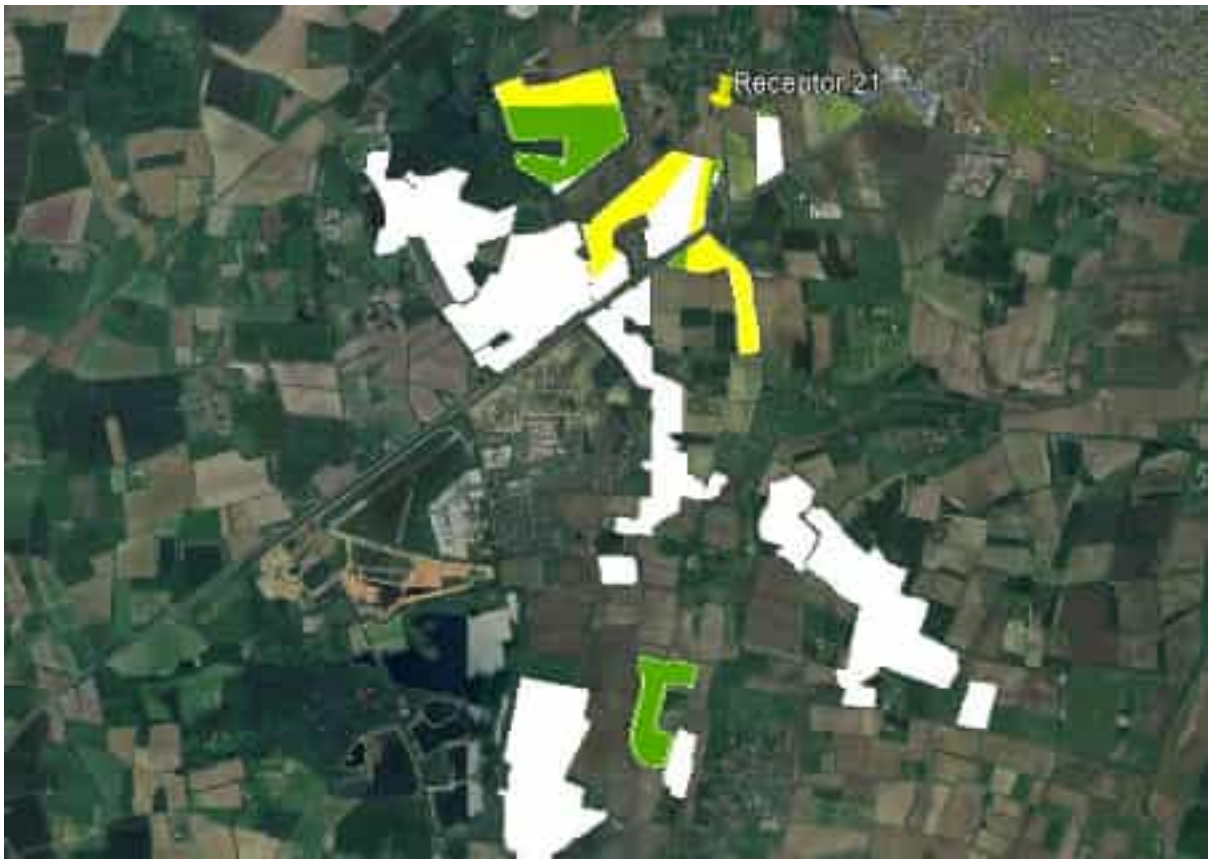
December 1st 13:00 UTC



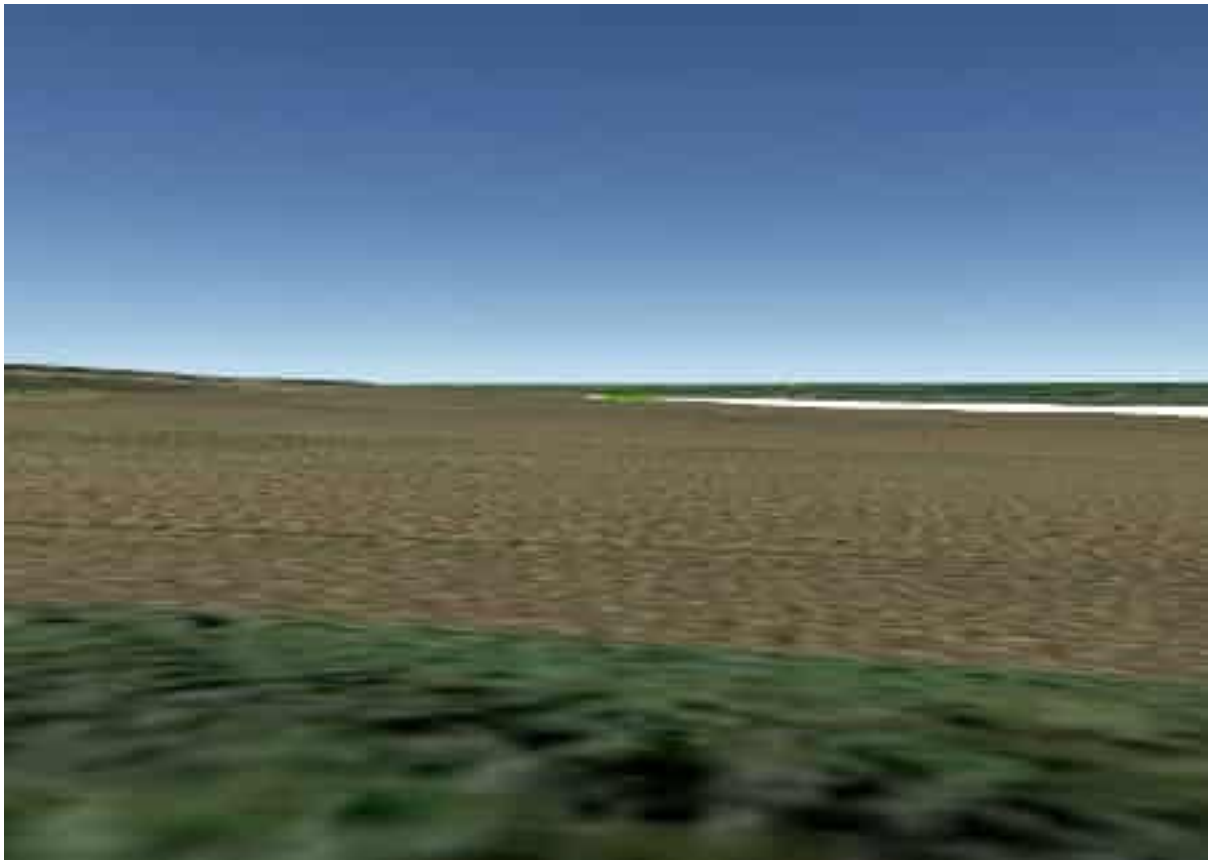
January 1st 14:45 UTC

December 1st 14:30 UTC

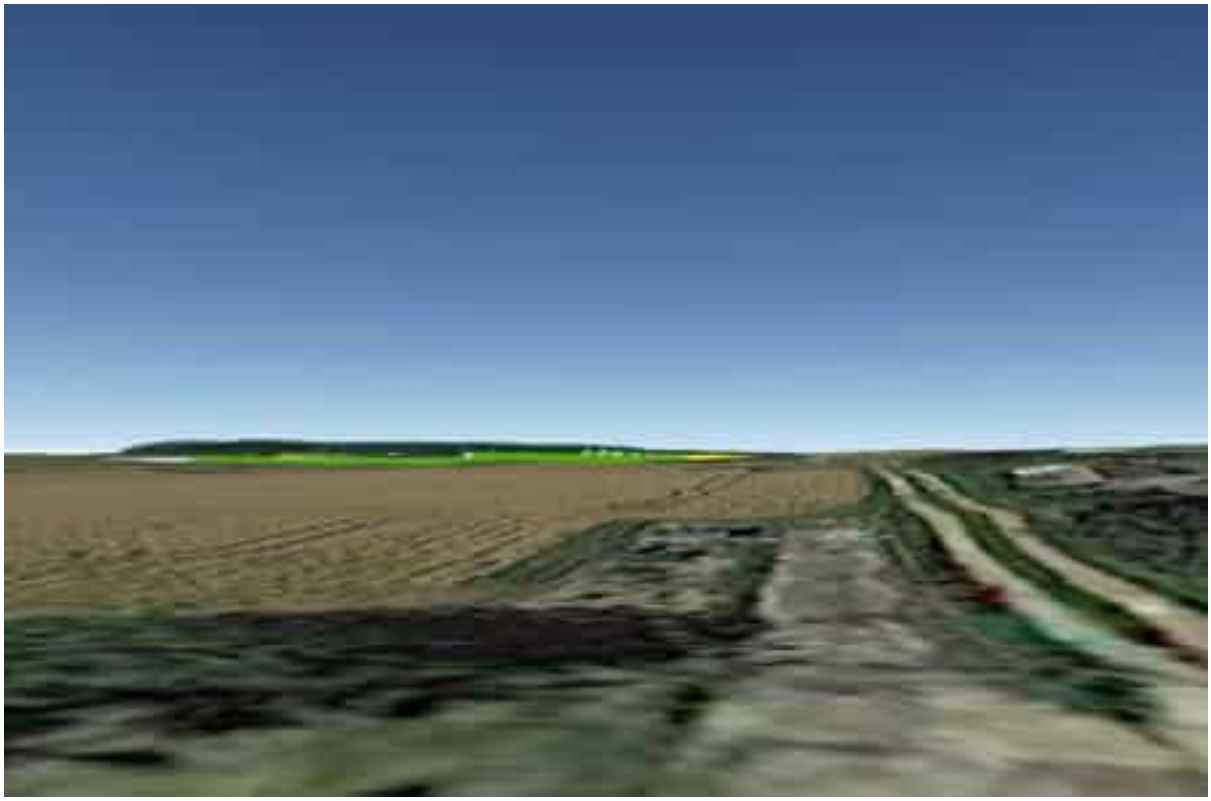
Receptor 21



Looking East



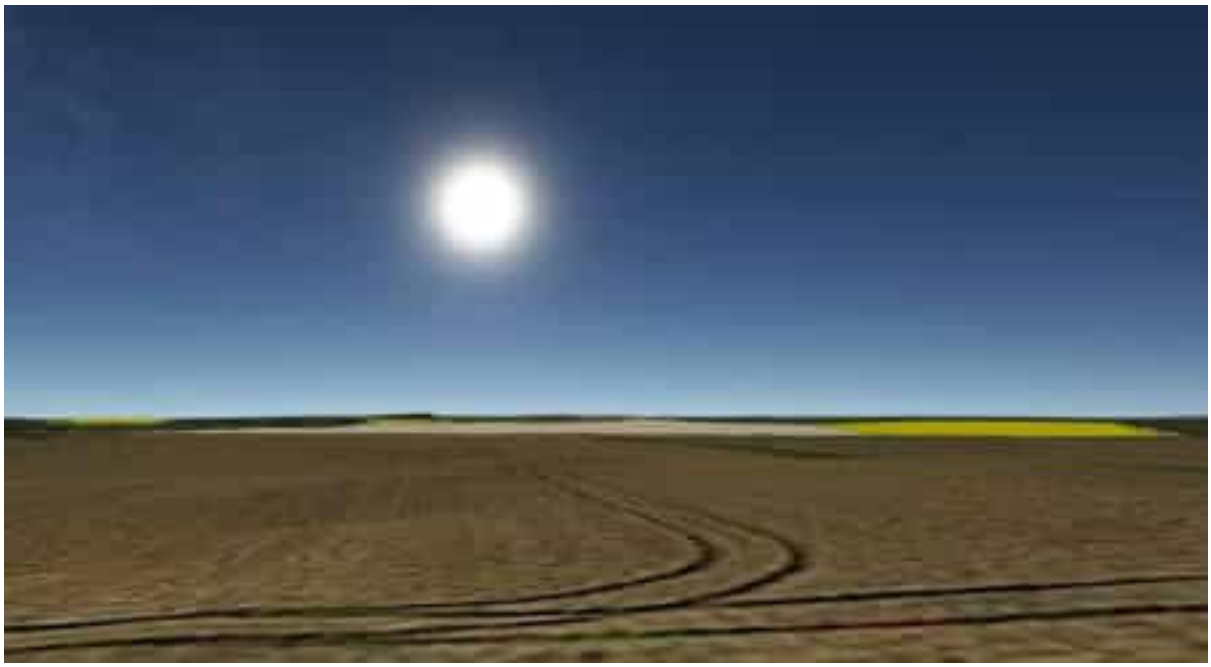
Looking West



Looking South

January 5th 11:30 UTC

December 1st 12:45 UTC

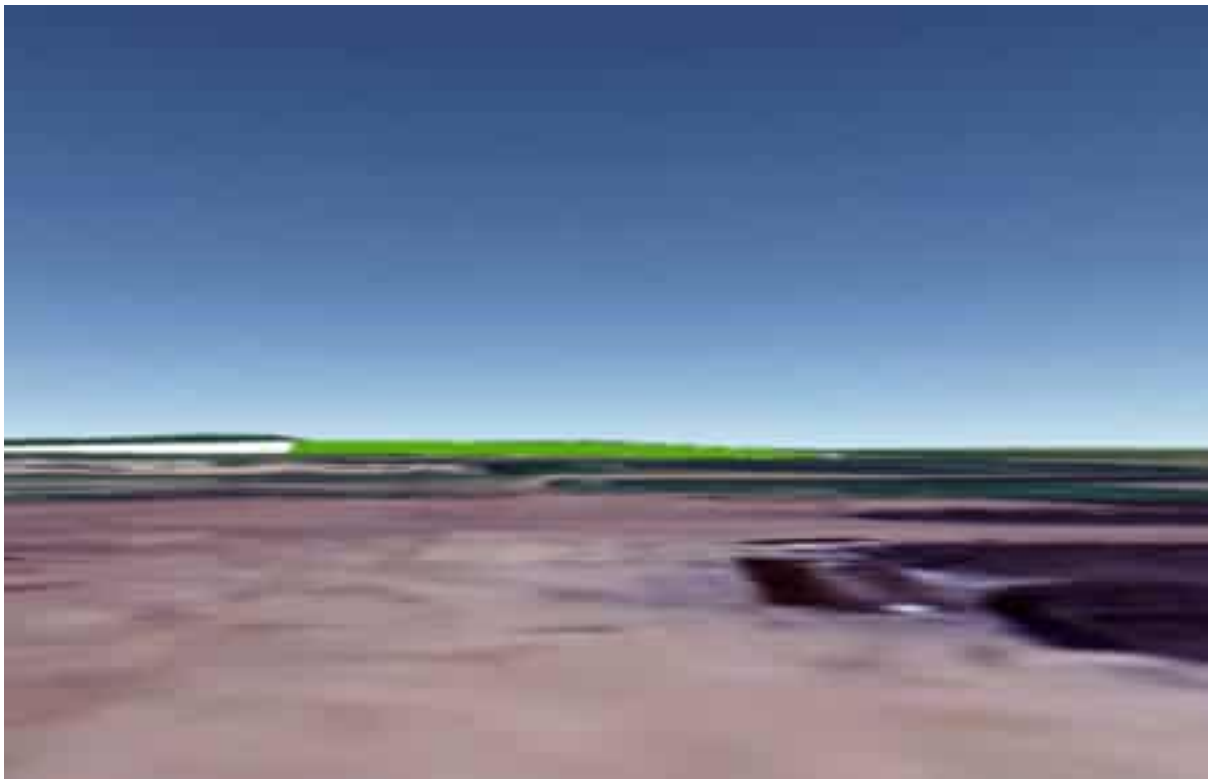


January 1st 14:45 UTC

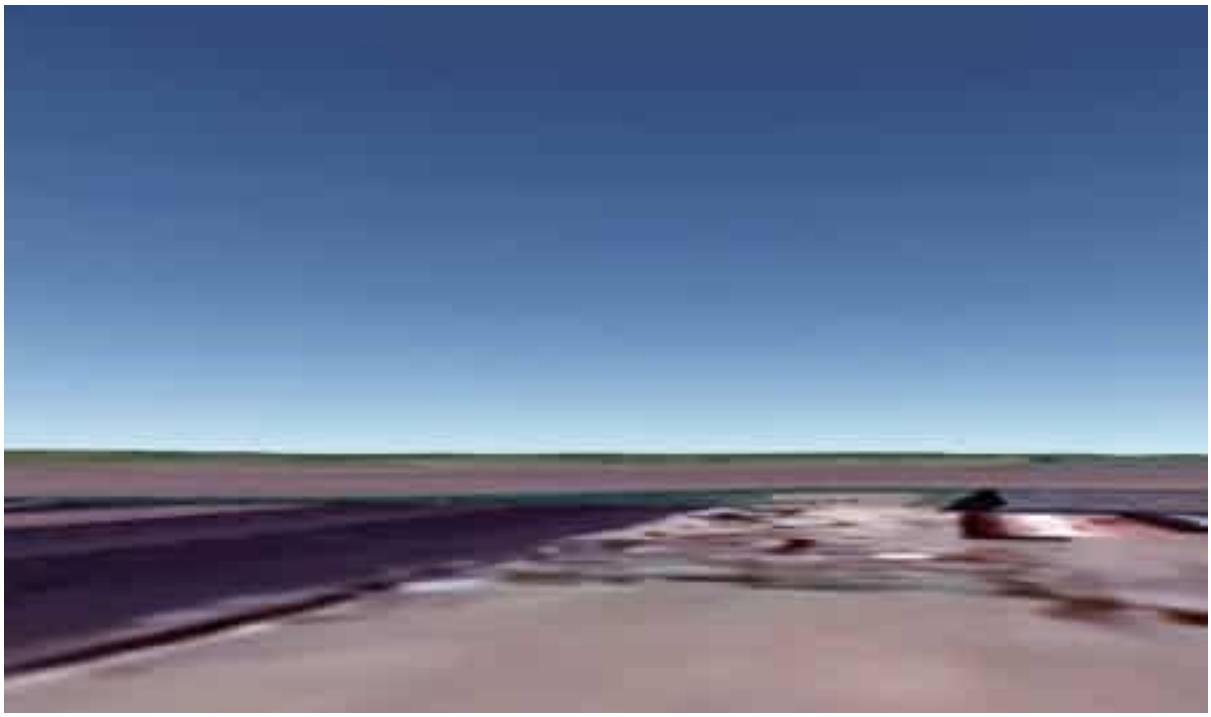
February 1st 15:45

Receptor 22

Looking East

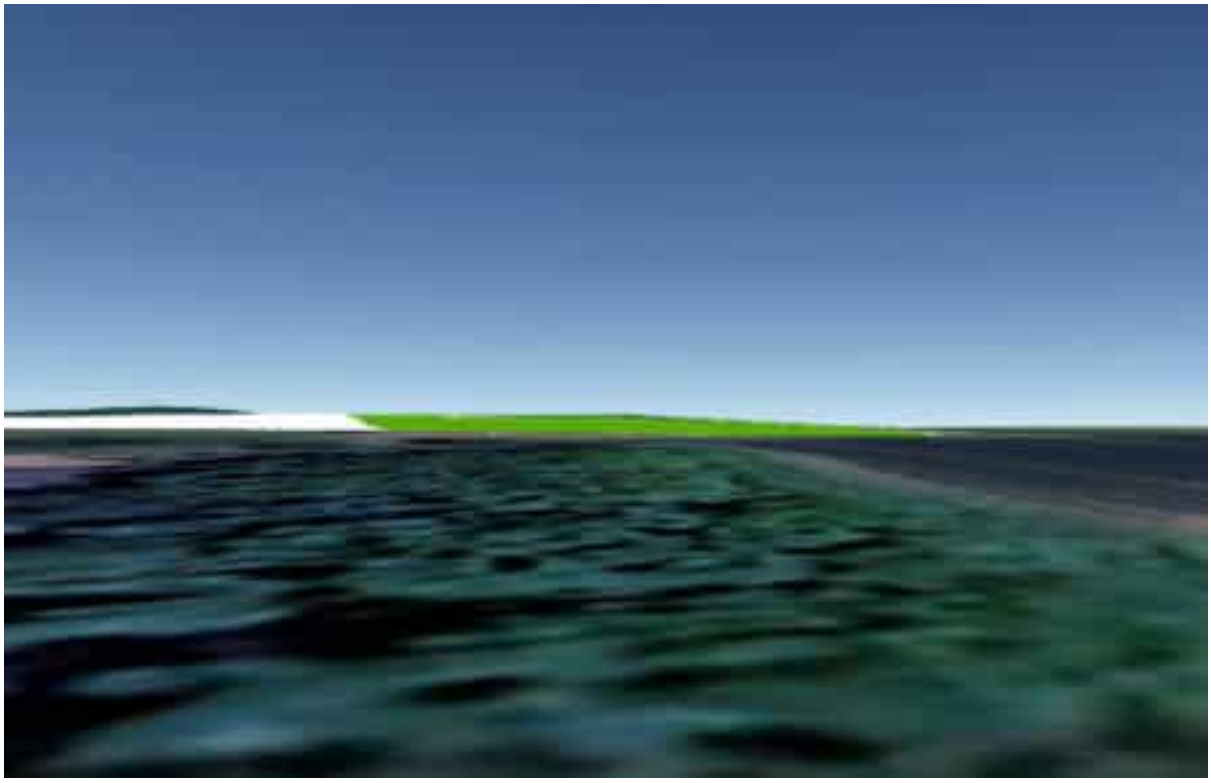


Looking South

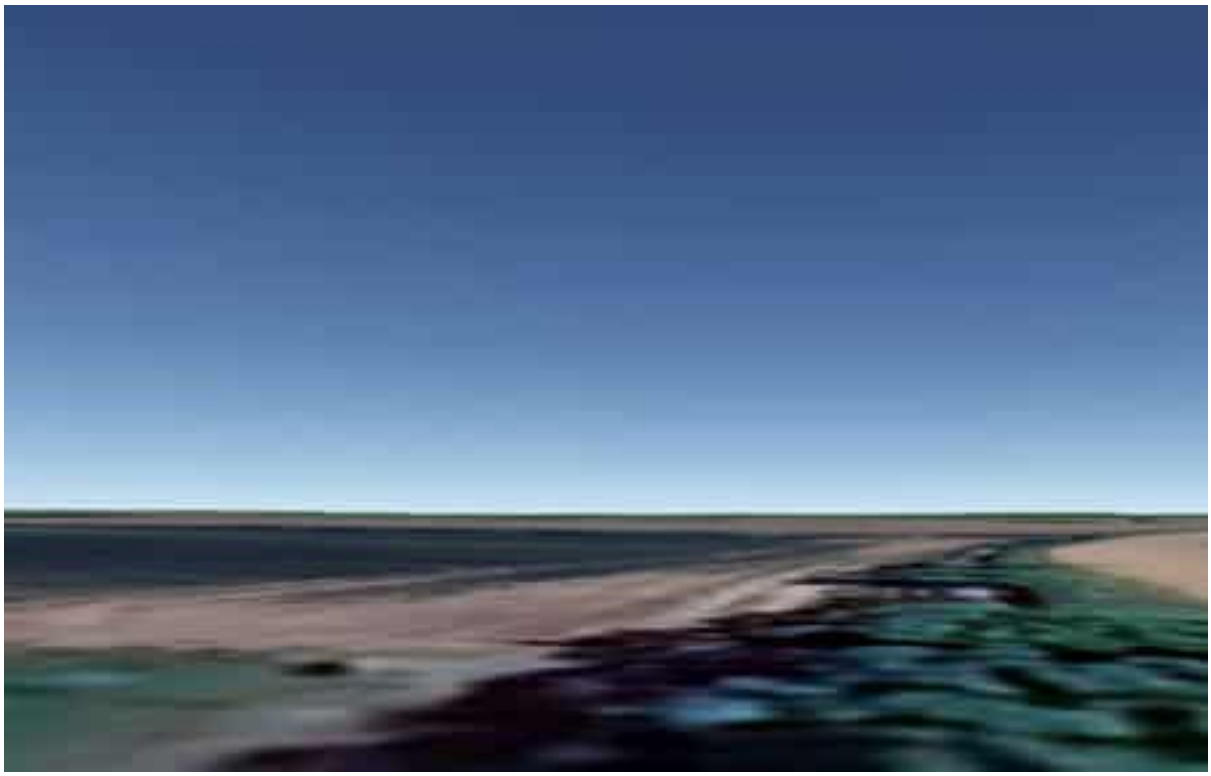


Receptor 23

Looking East

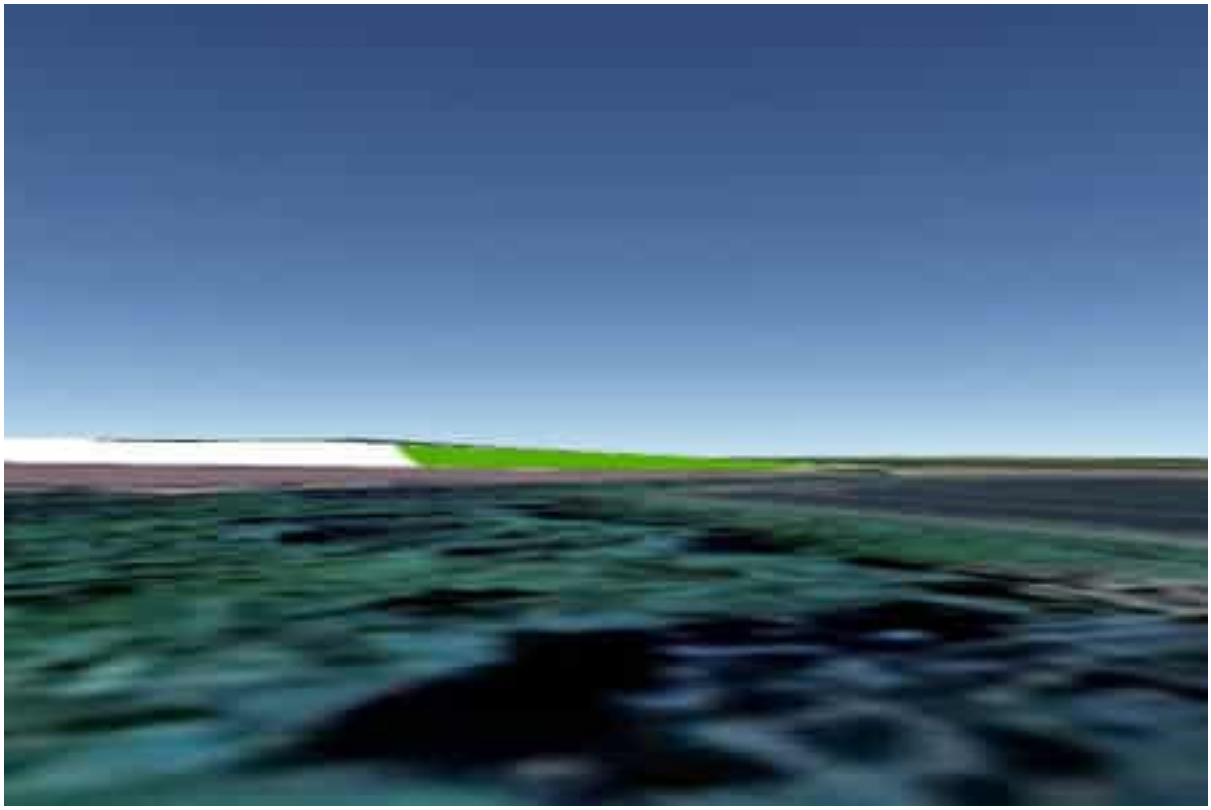


Looking South

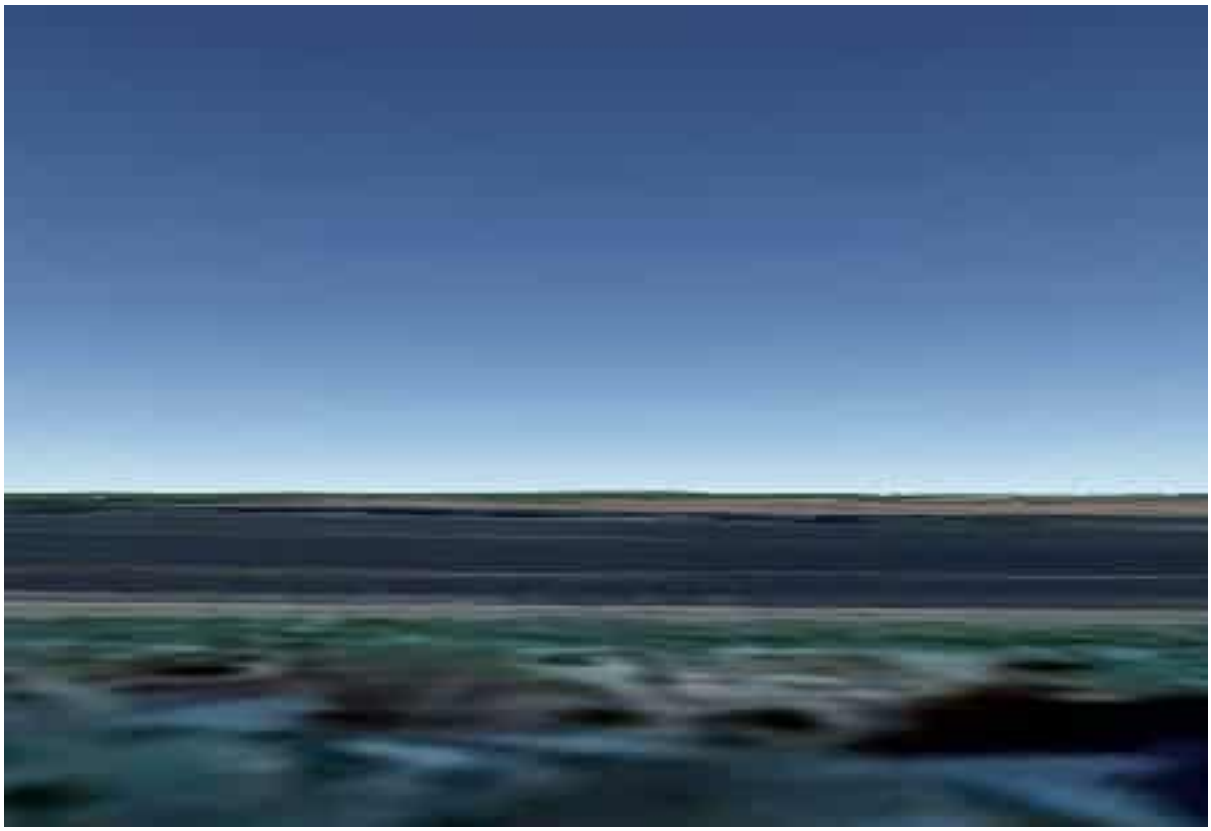


Receptor 24

Looking East



Looking South

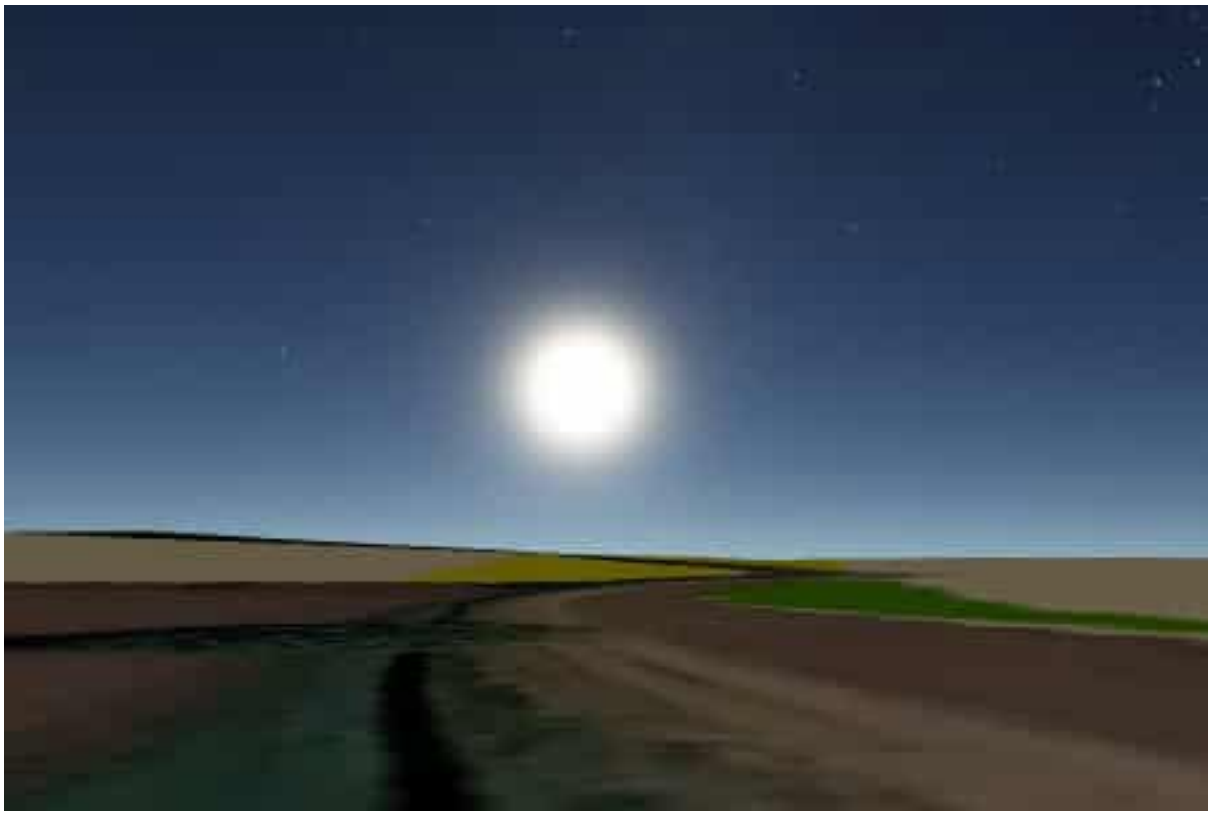


Receptor 25

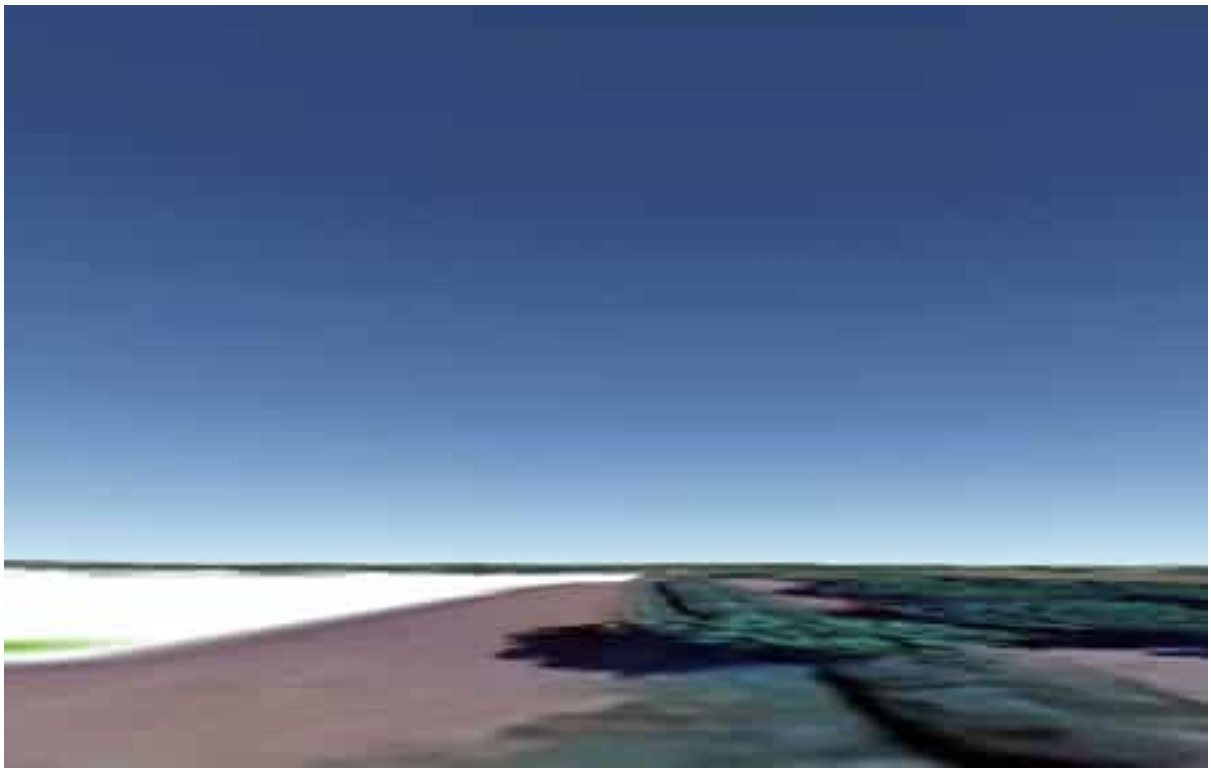
Looking East

May 15th 05:00 UTC

July 1st 05:00 UTC

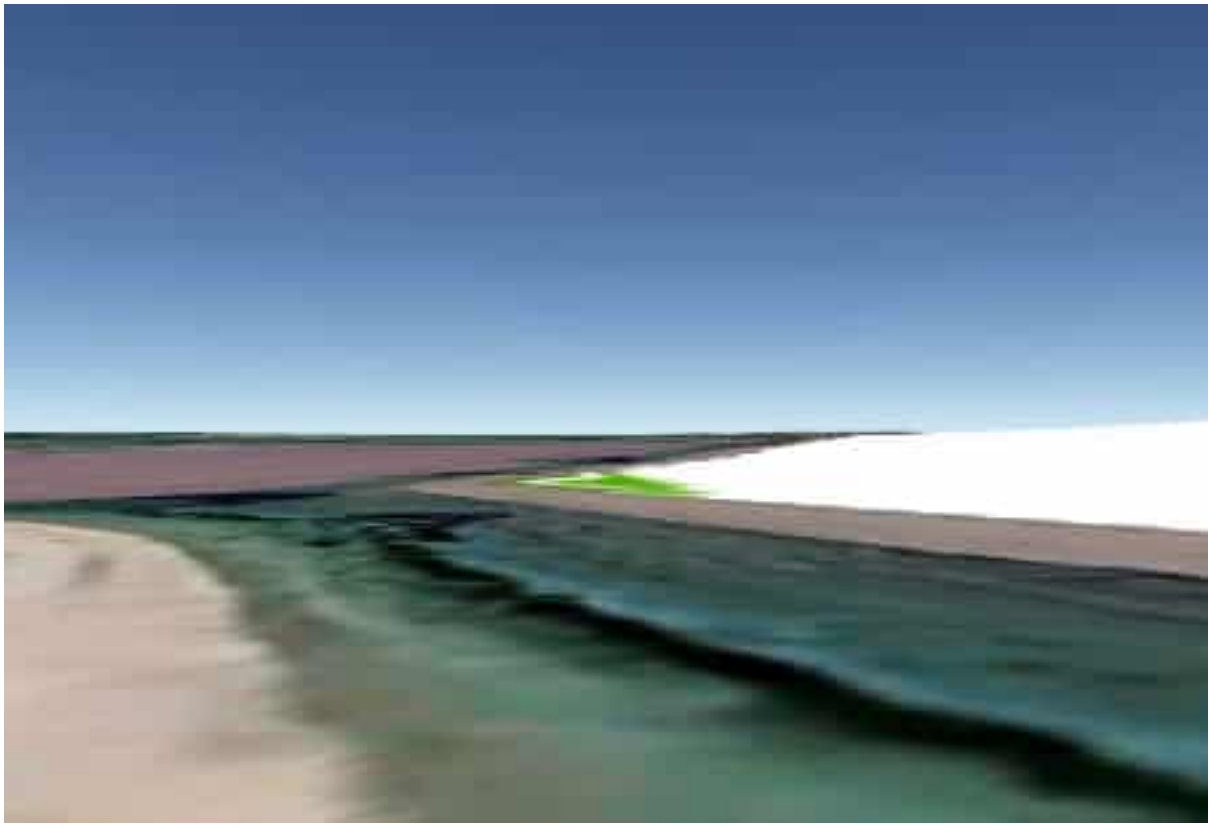


Looking South



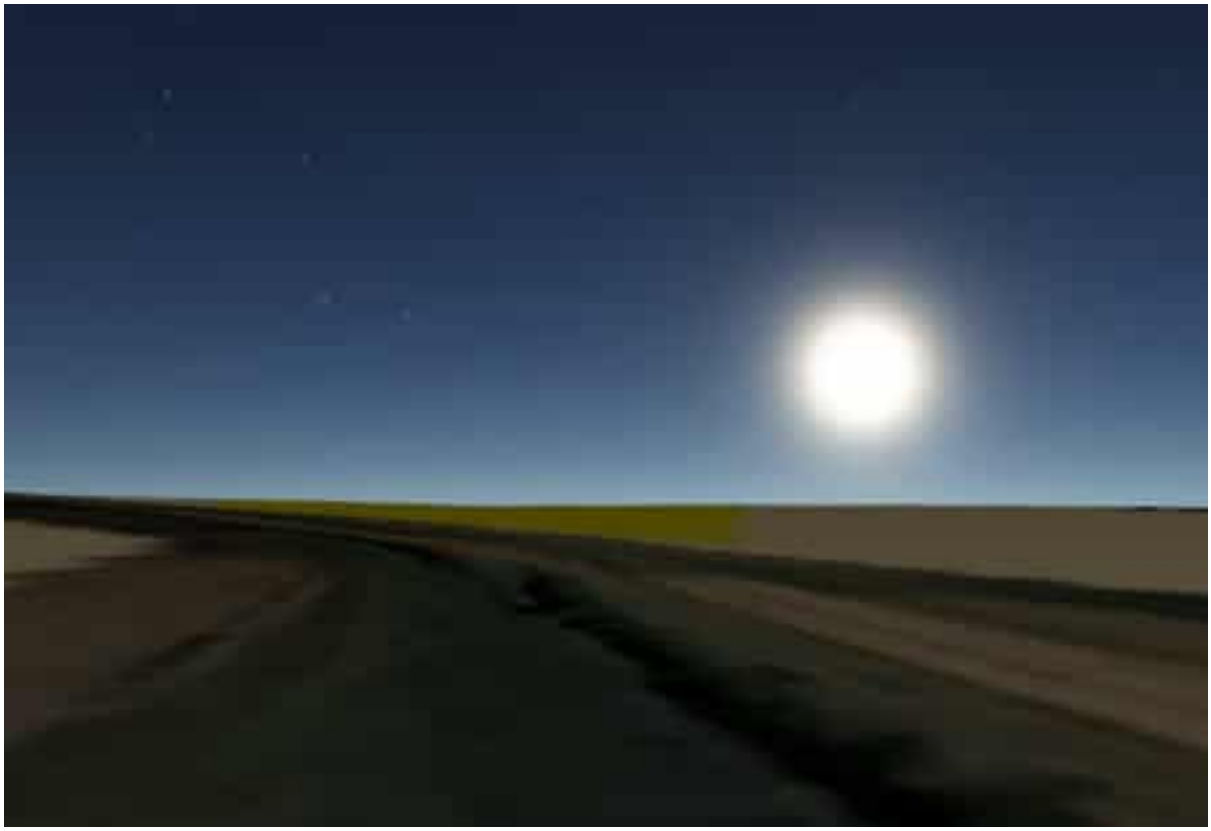
Receptor 26

Looking North

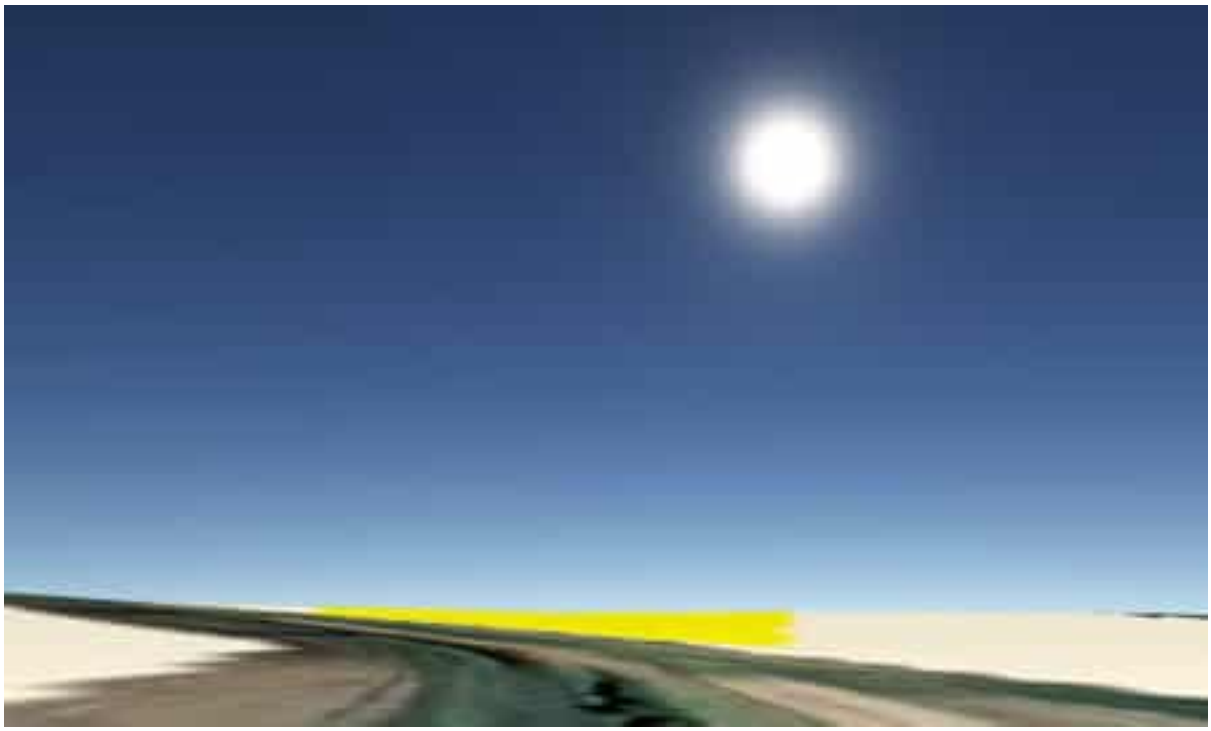


Looking East

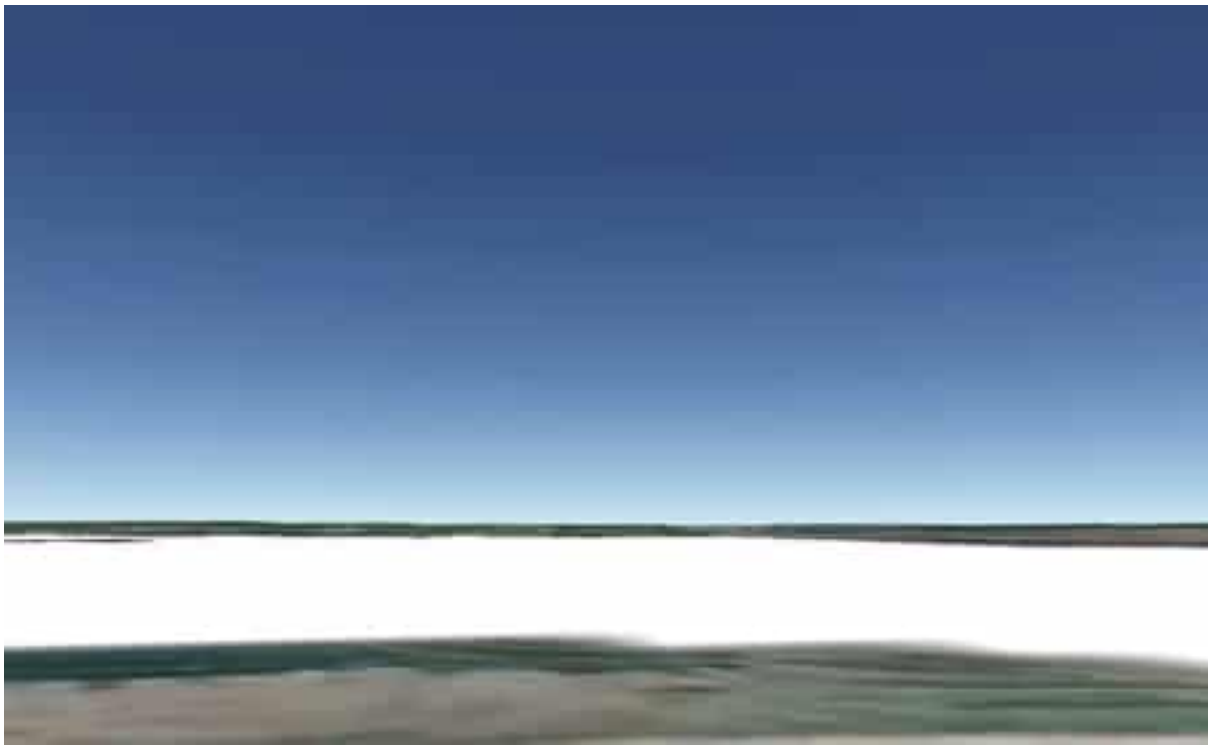
April 1st 06:30 UTC



July 1st 07:00 UTC

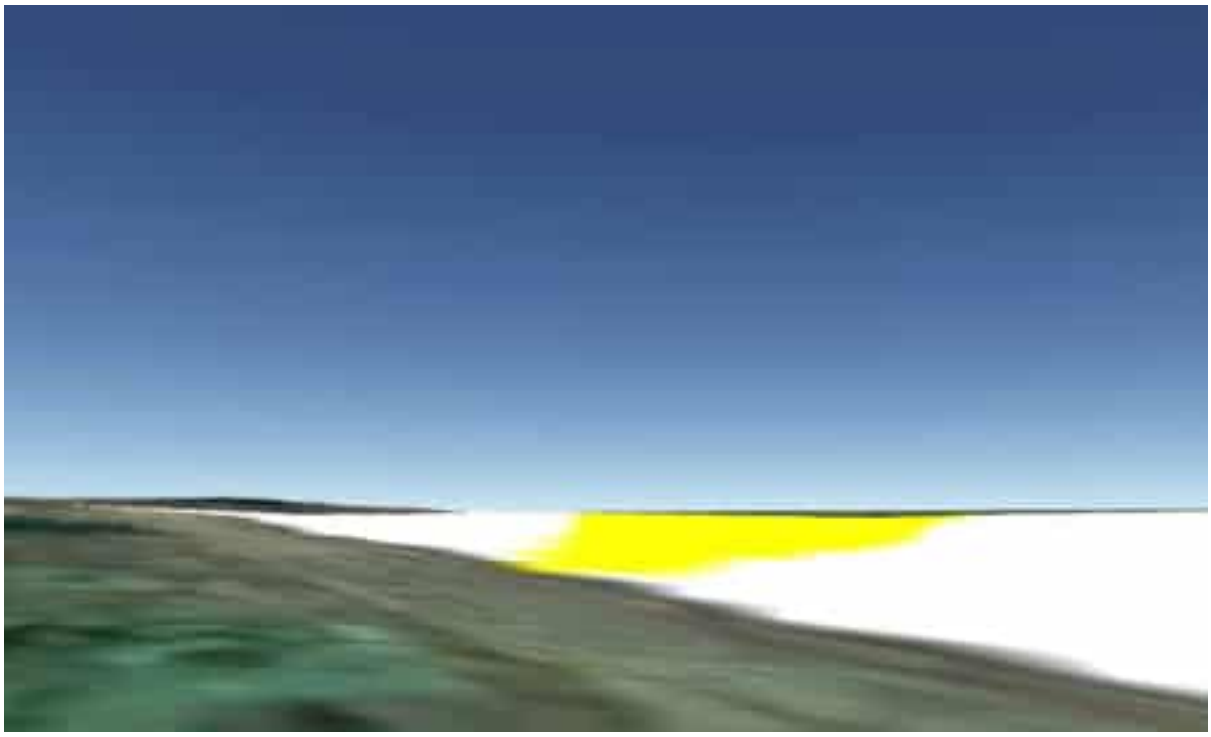


Looking South



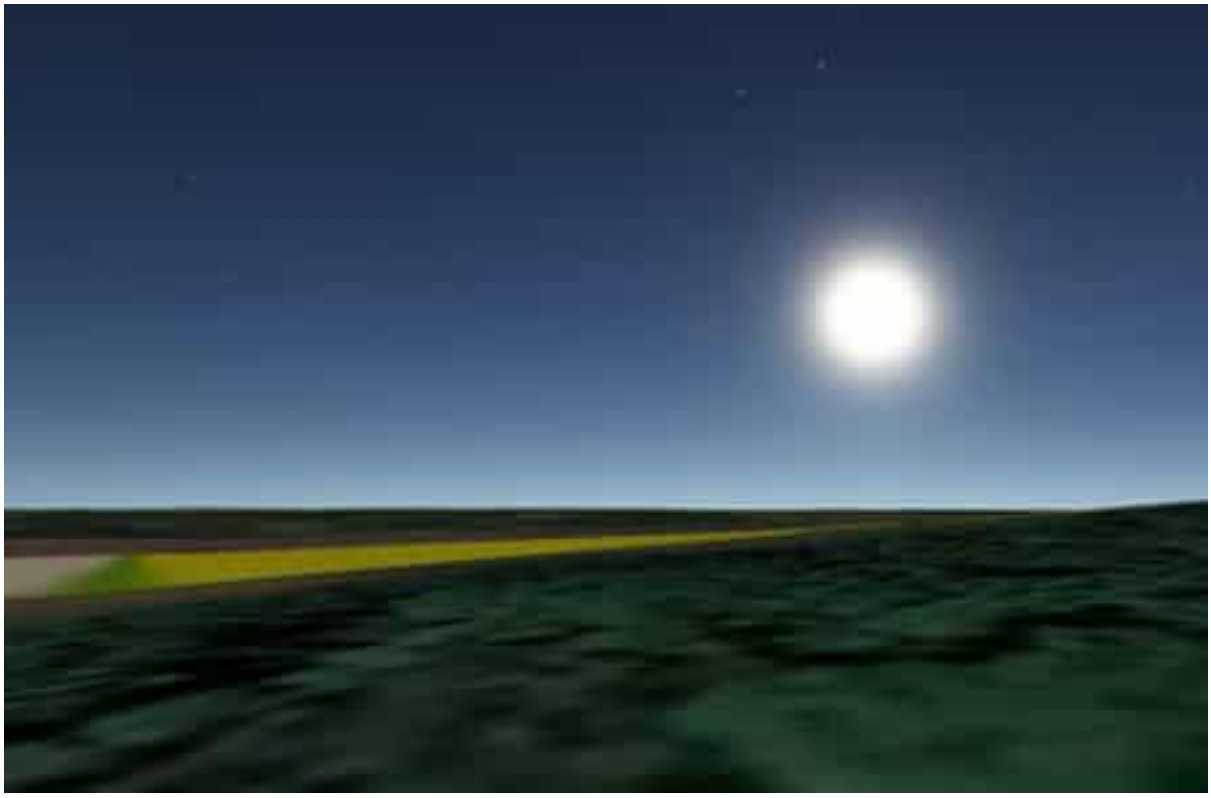
Receptor 27

Looking East



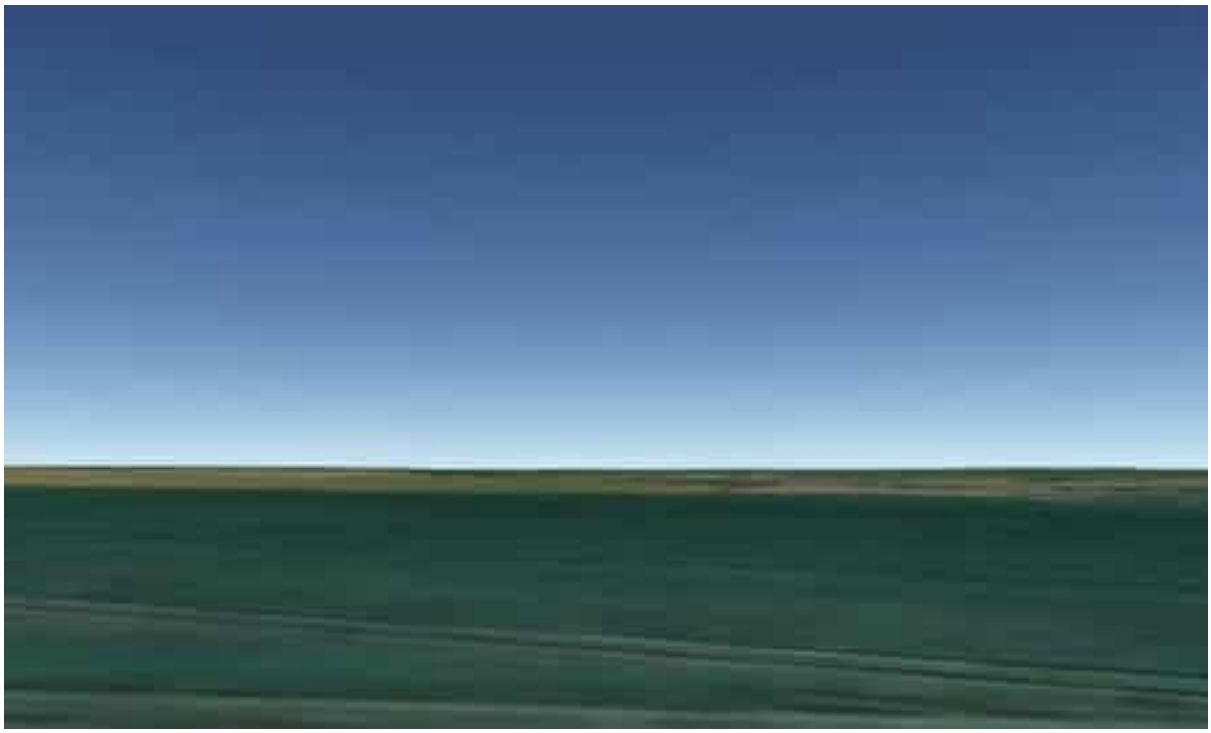
Looking West

July 1st 19:00 UTC



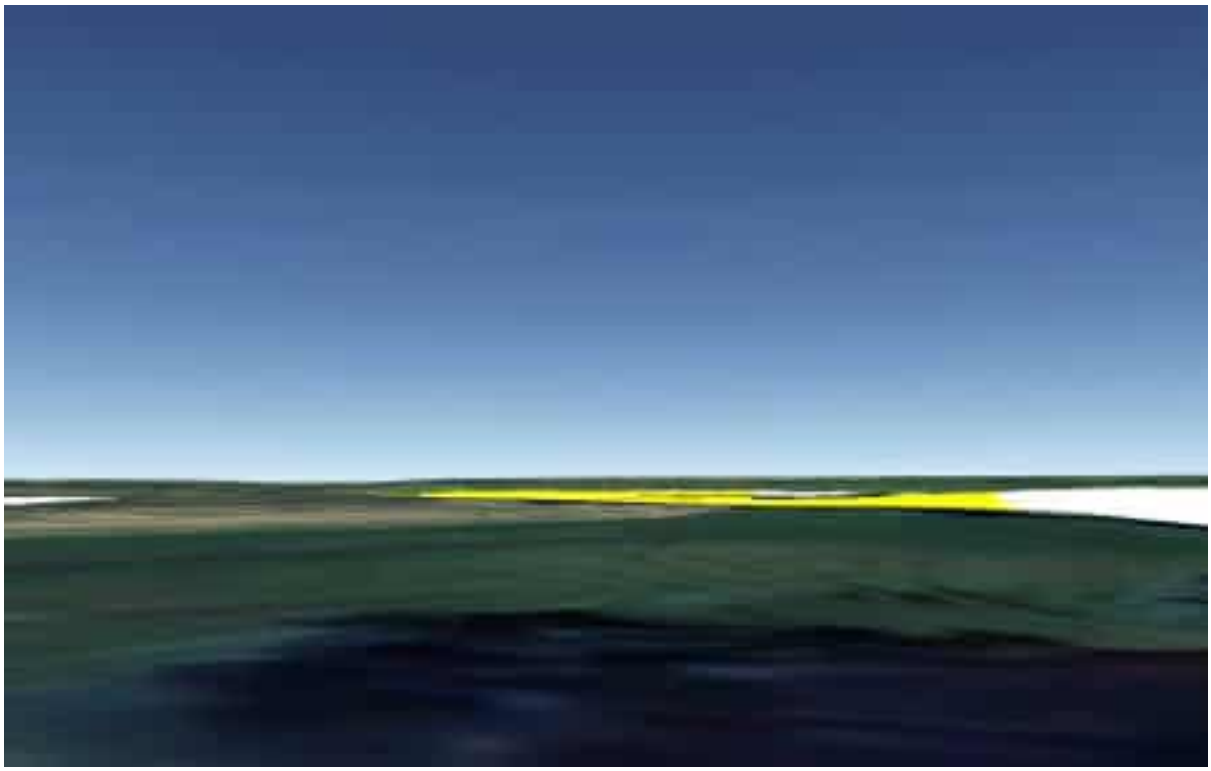
October 1st 17:00 UTC

Looking South

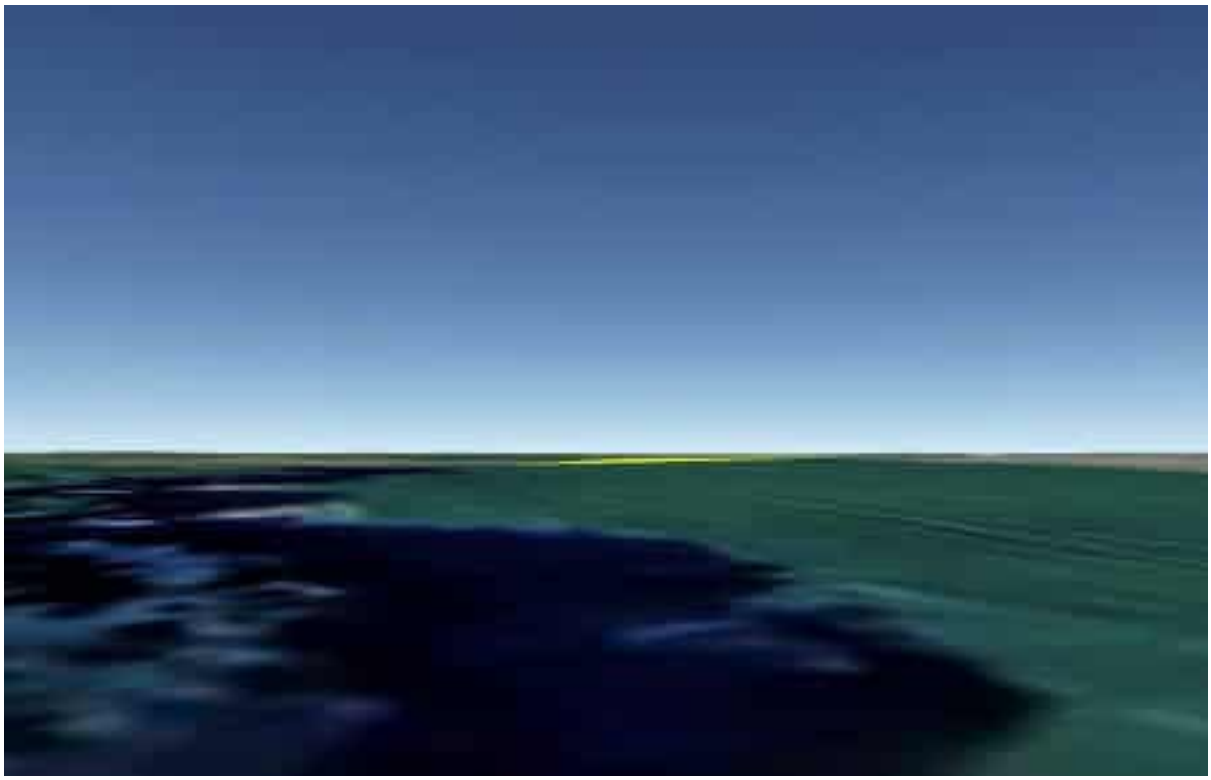


Receptor 28

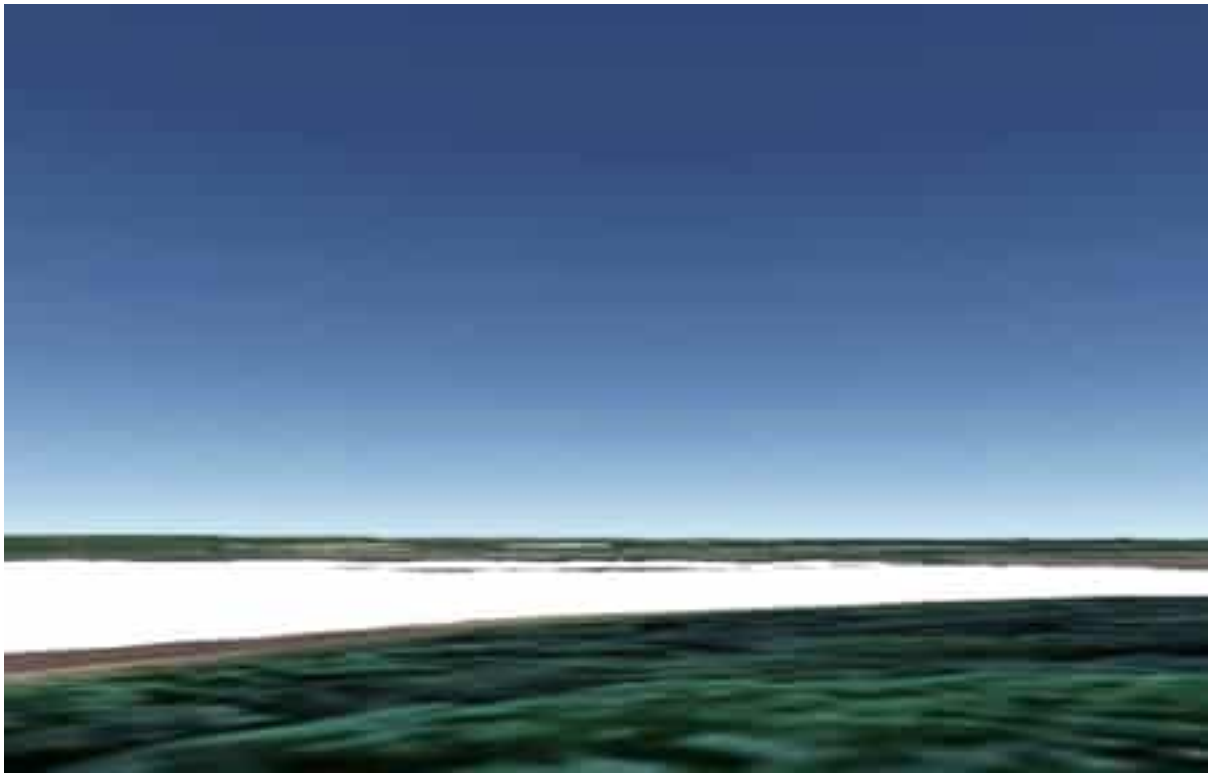
Looking East



Looking West



Looking South



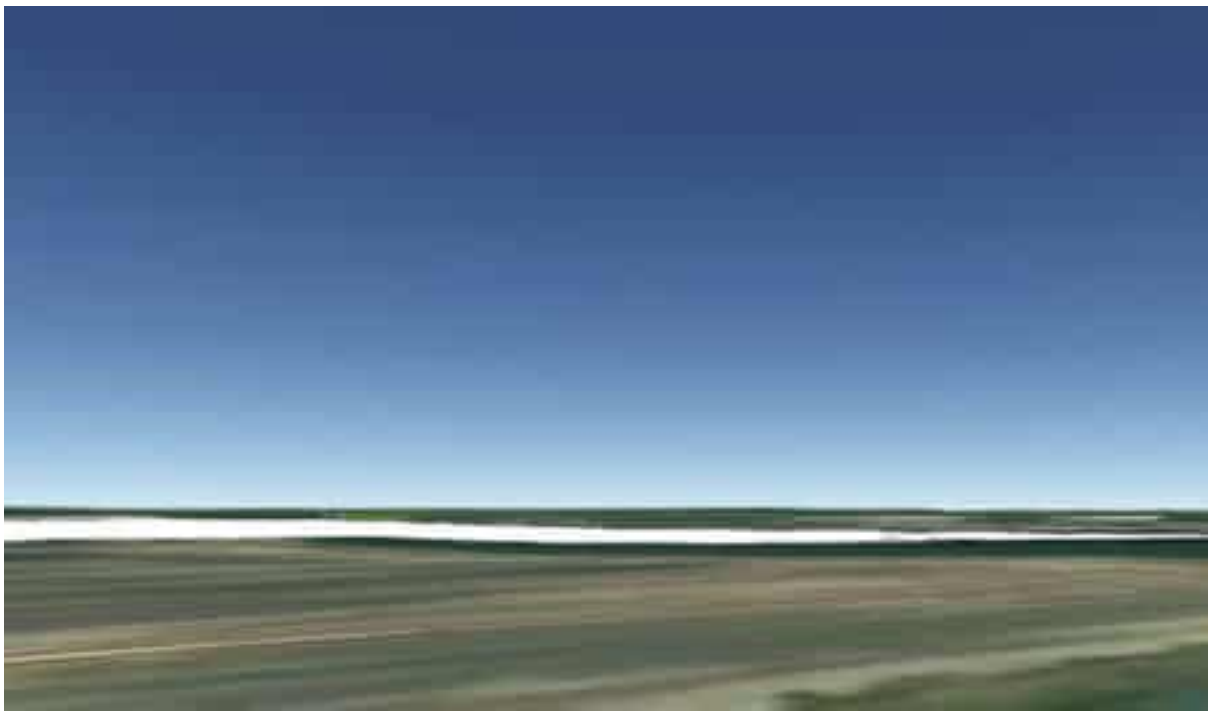
Receptor 29

Looking East

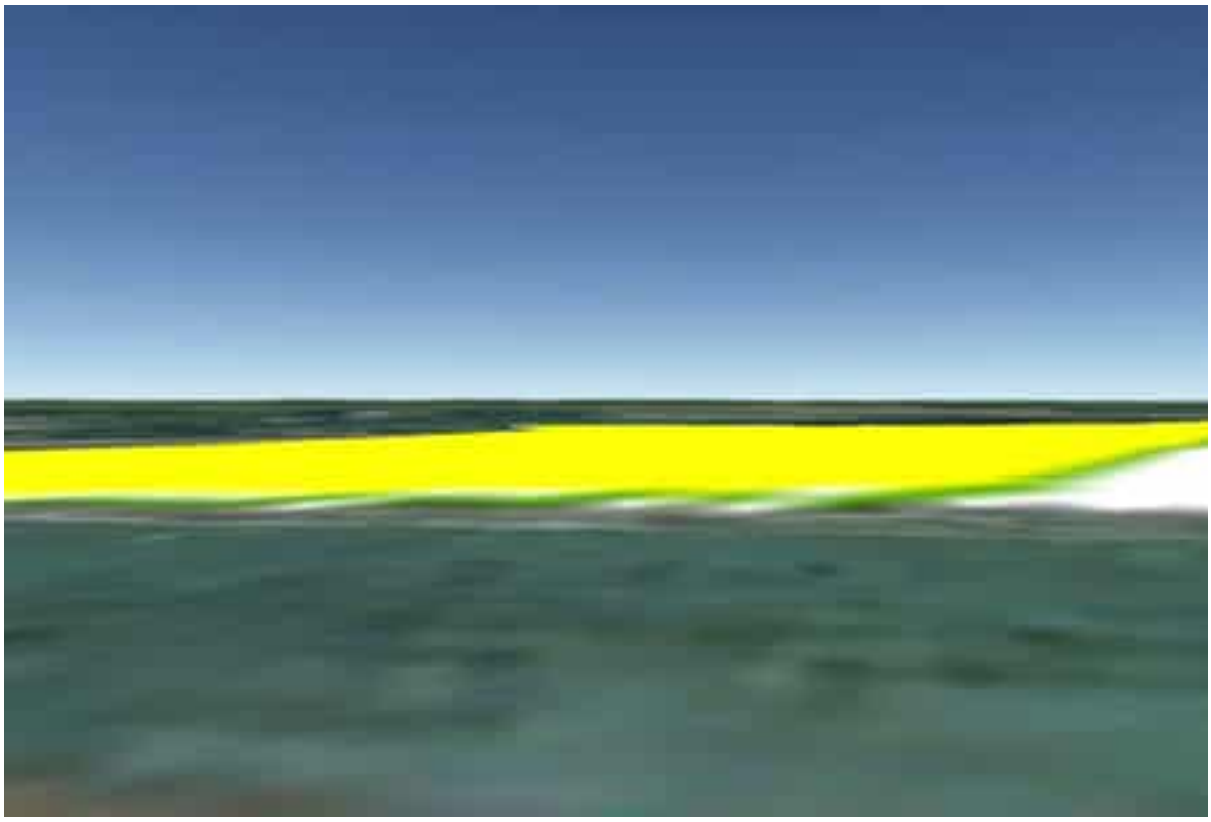
March 15th 07:00 UTC

May 10th 05:30 UTC

Looking South

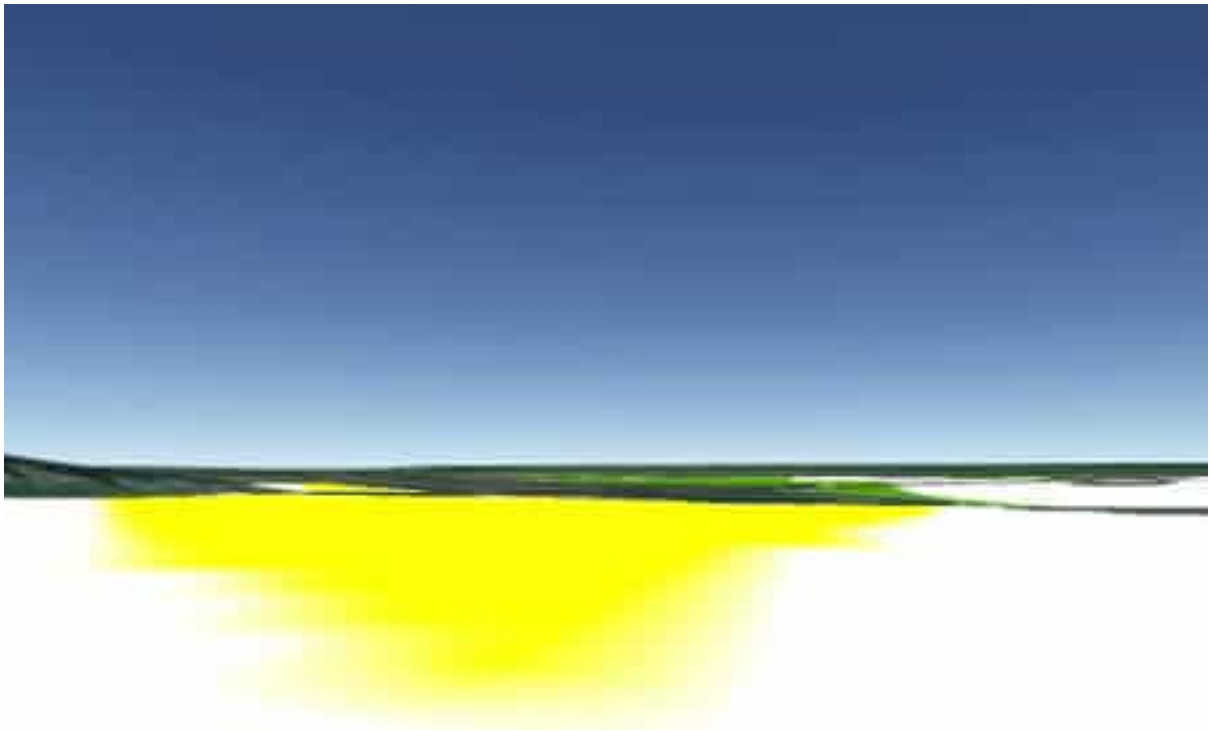


Looking West

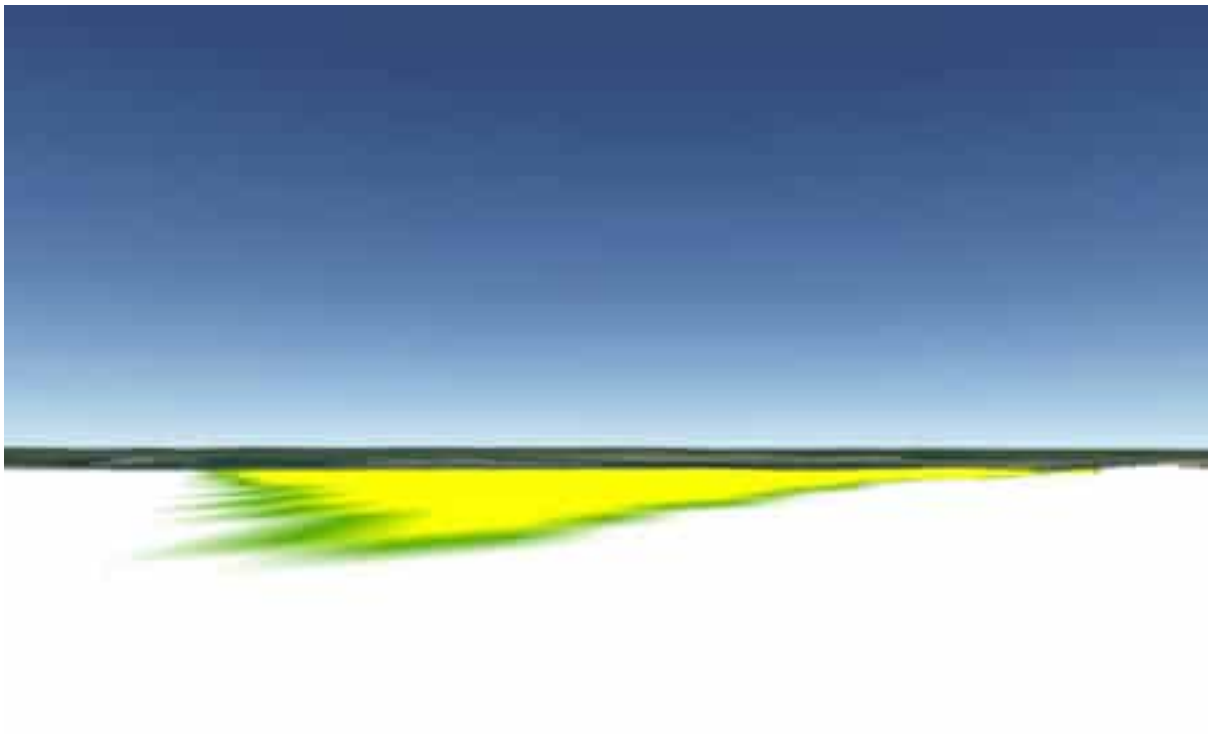


Receptor 30

Looking East

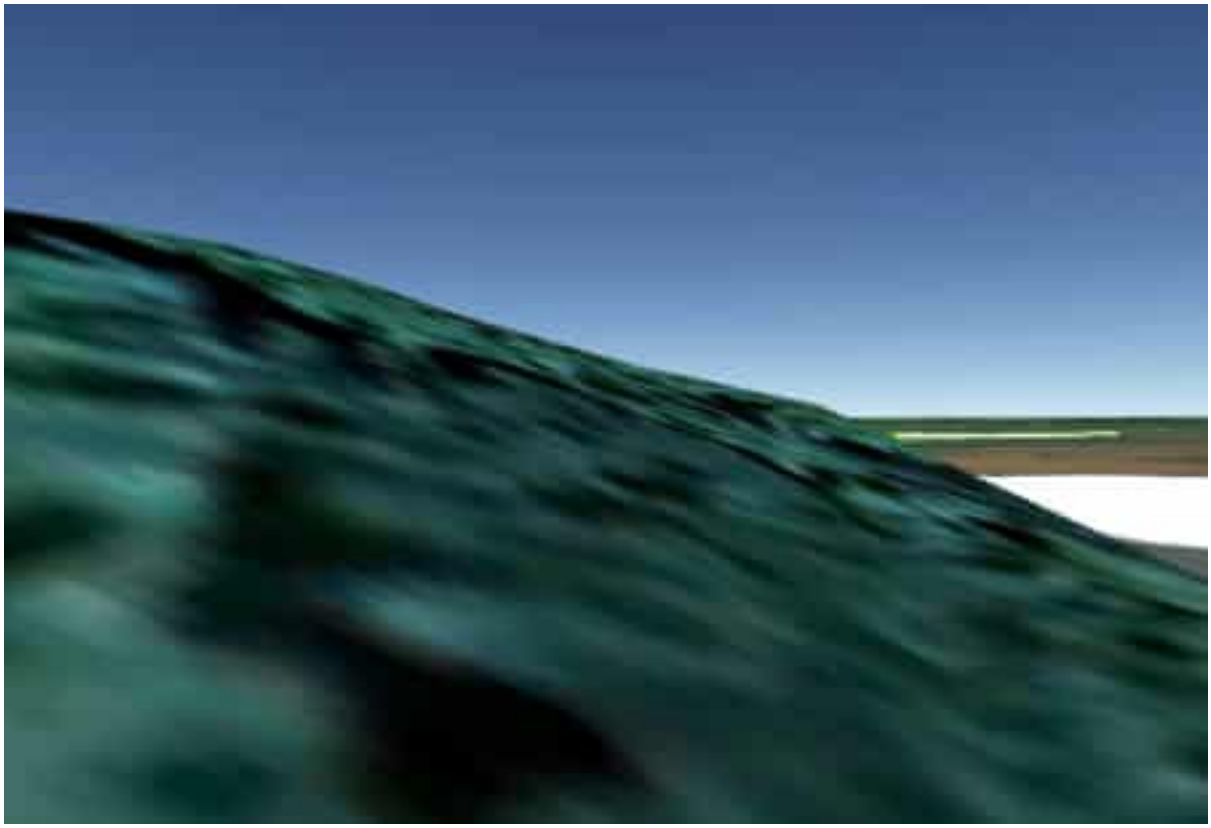


Looking West

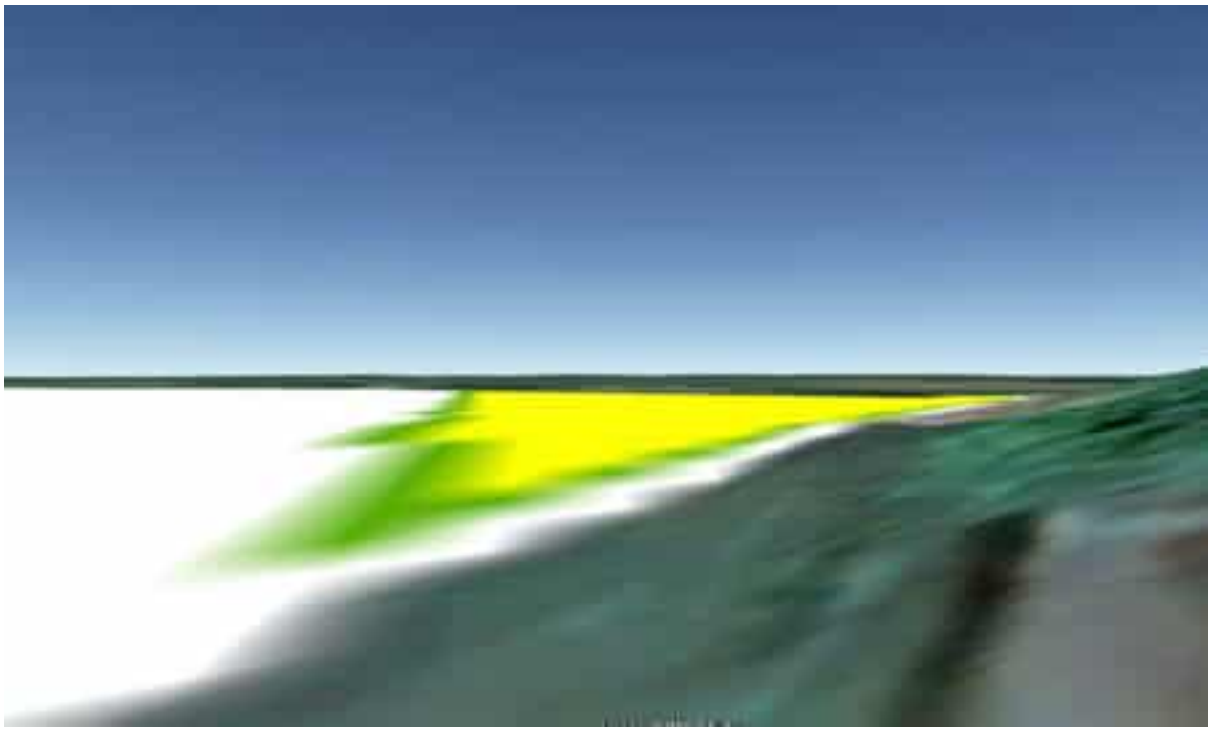


Receptor 31

Looking East

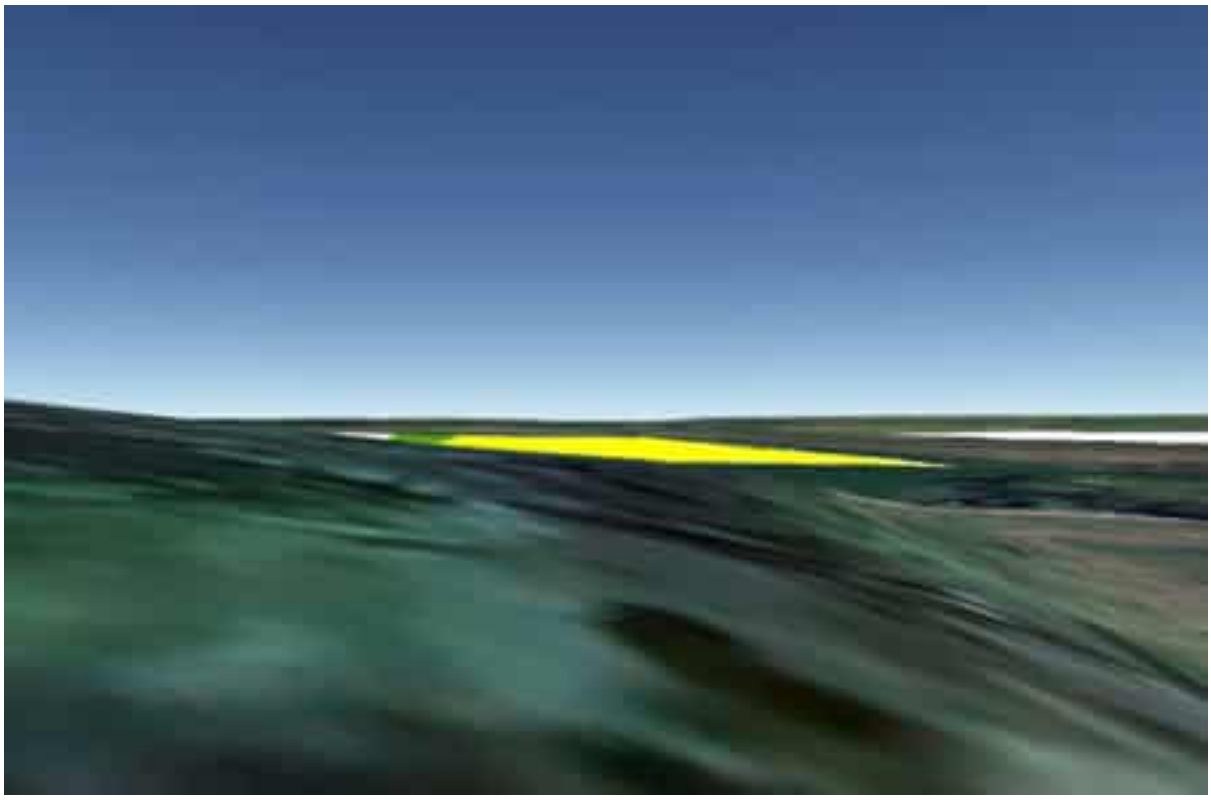


Looking West

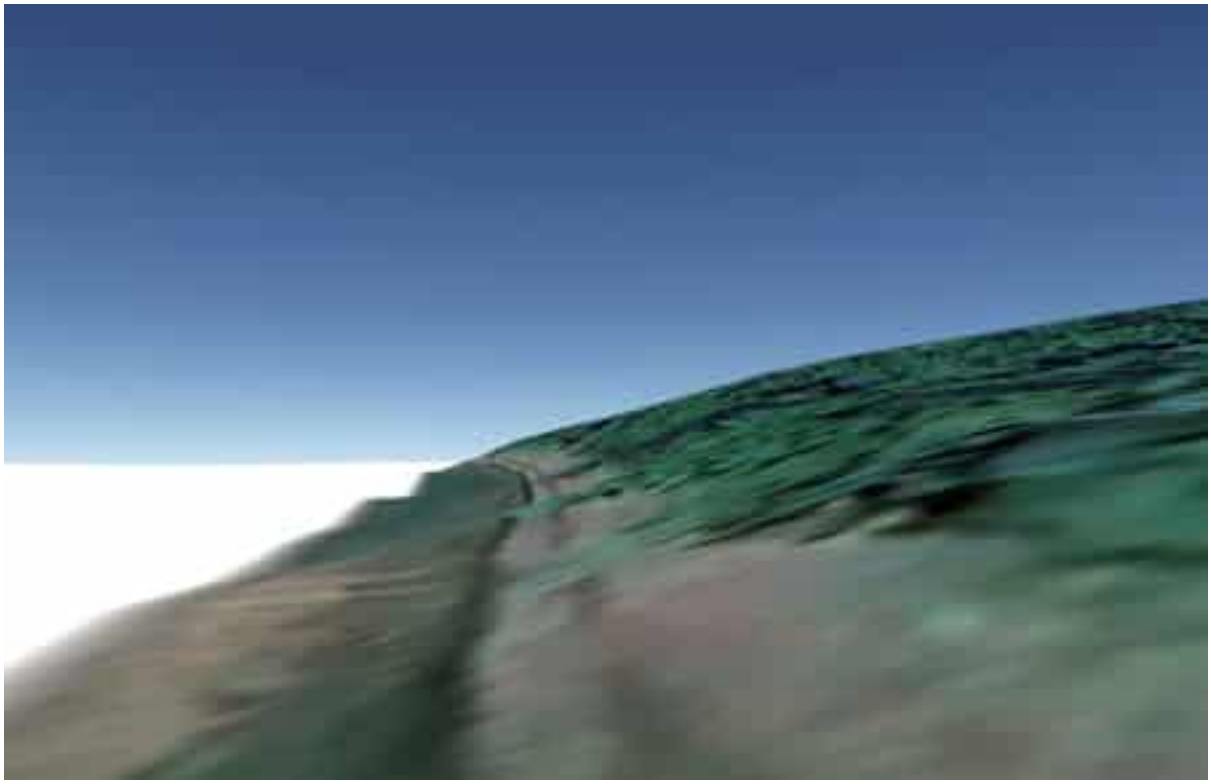


Receptor 32

Looking East

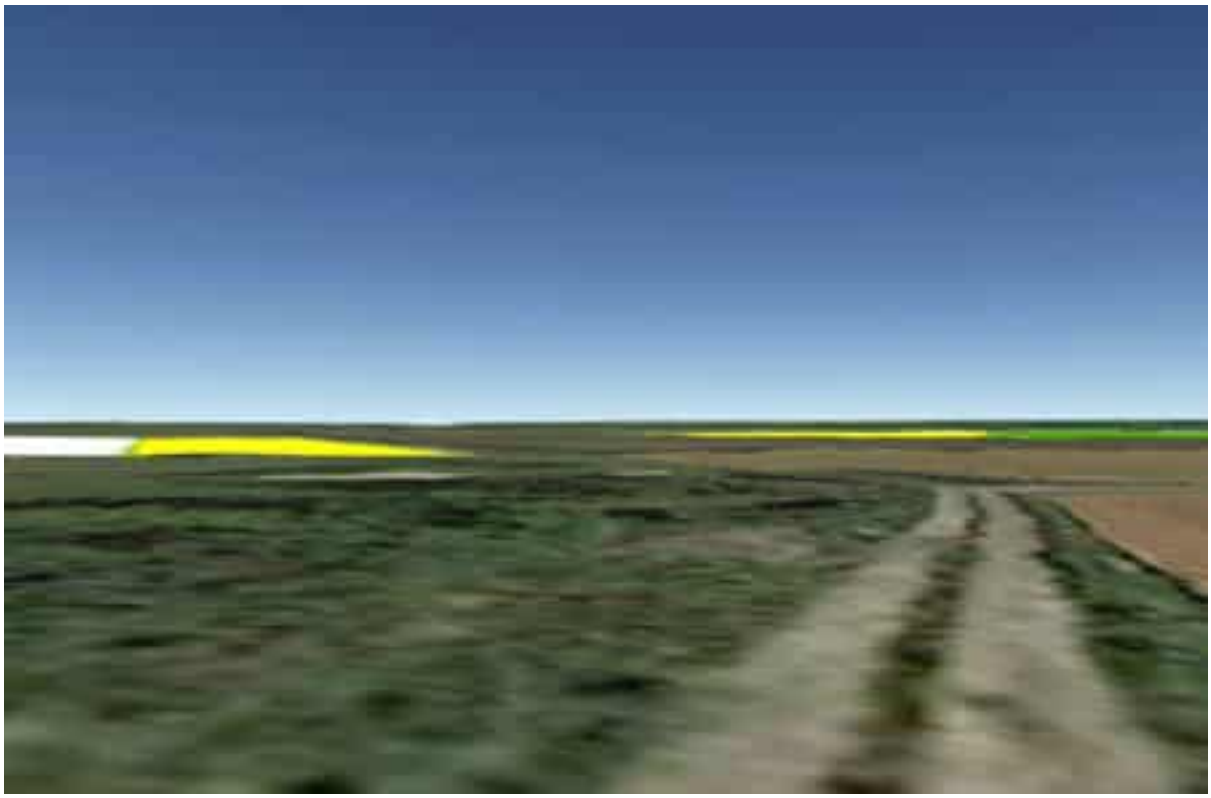


Looking West

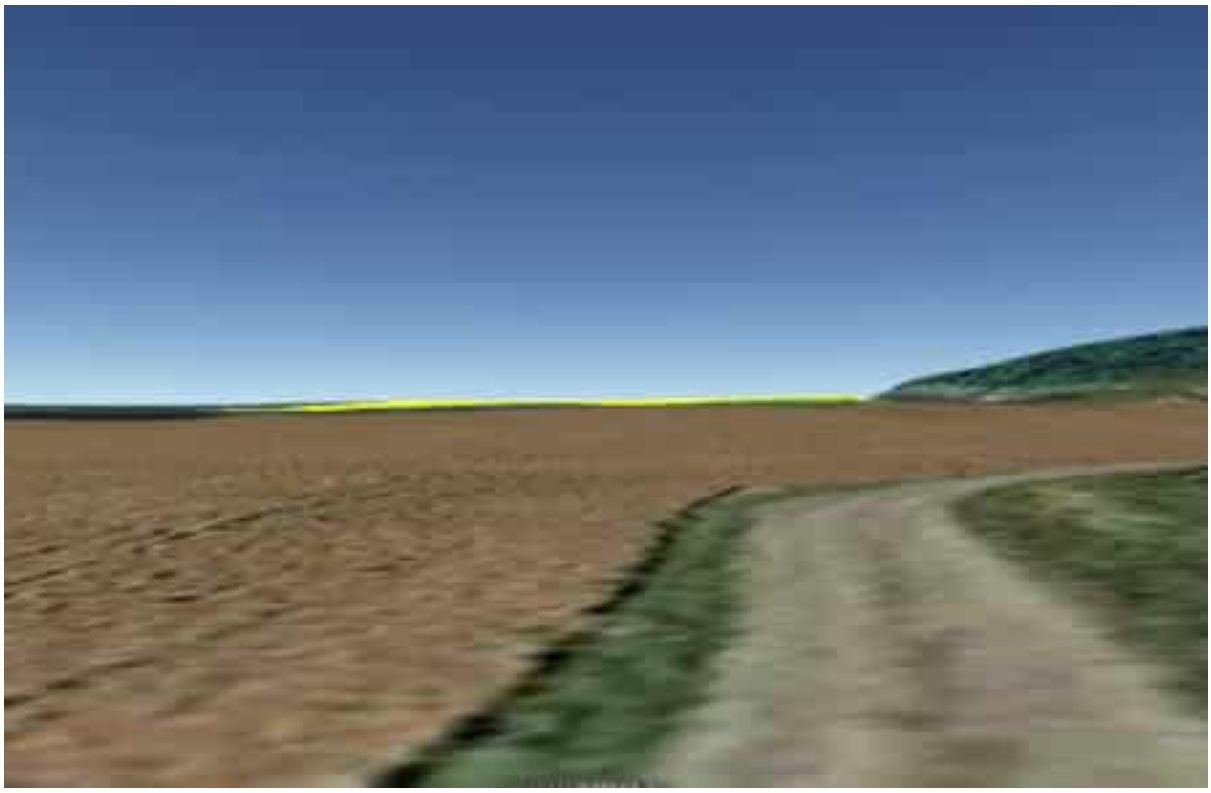


Receptor 33

Looking East

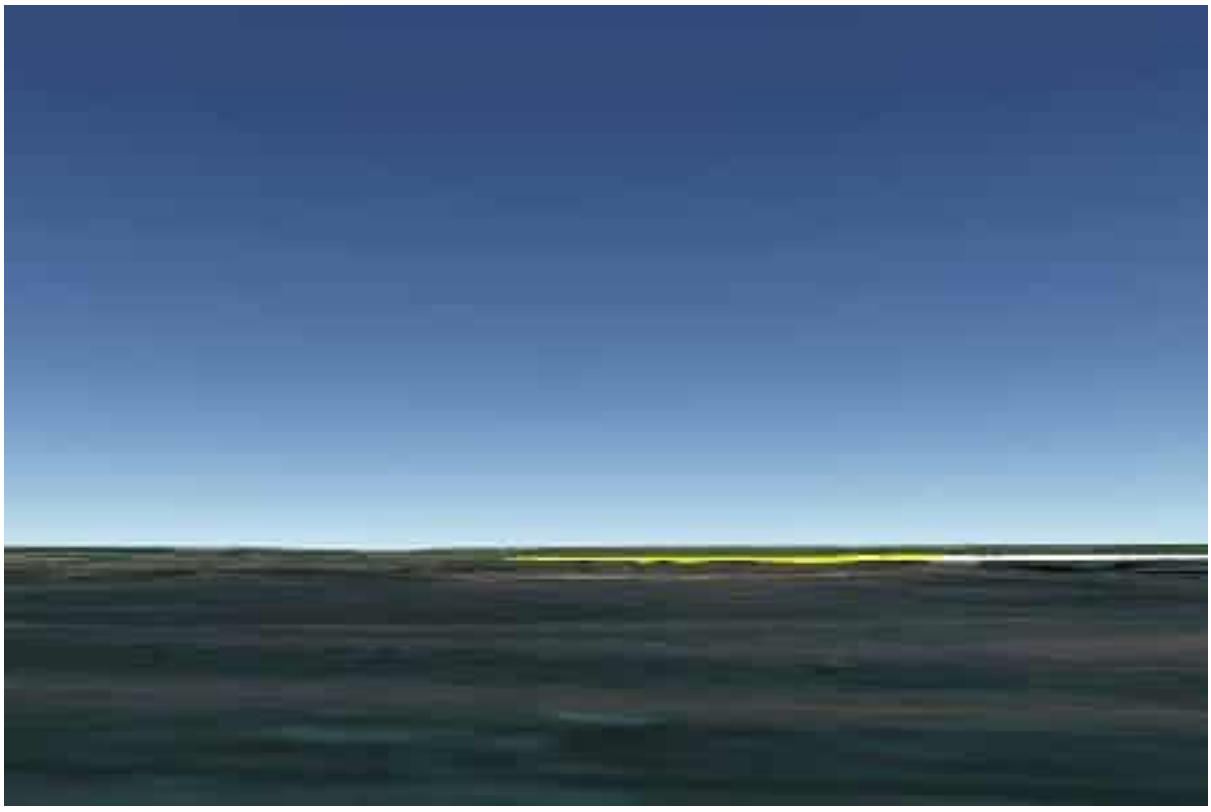


Looking West

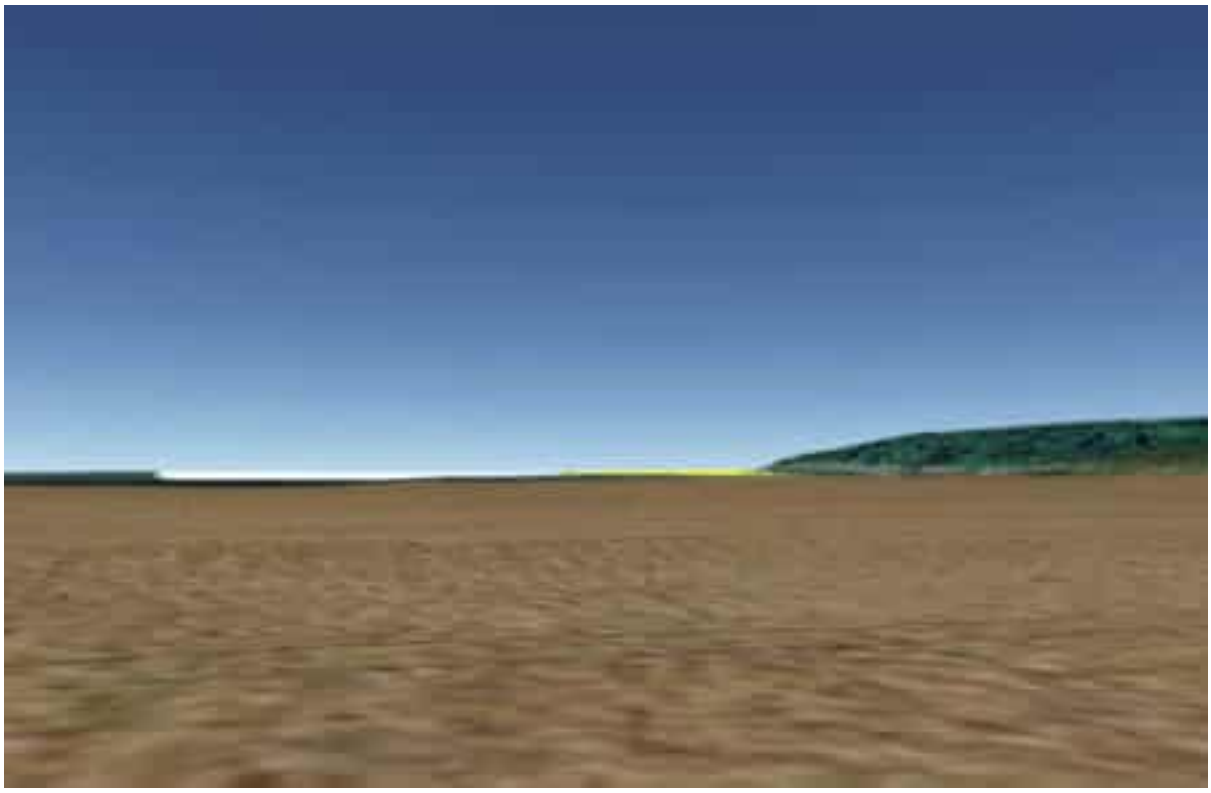


Receptor 34

Looking East

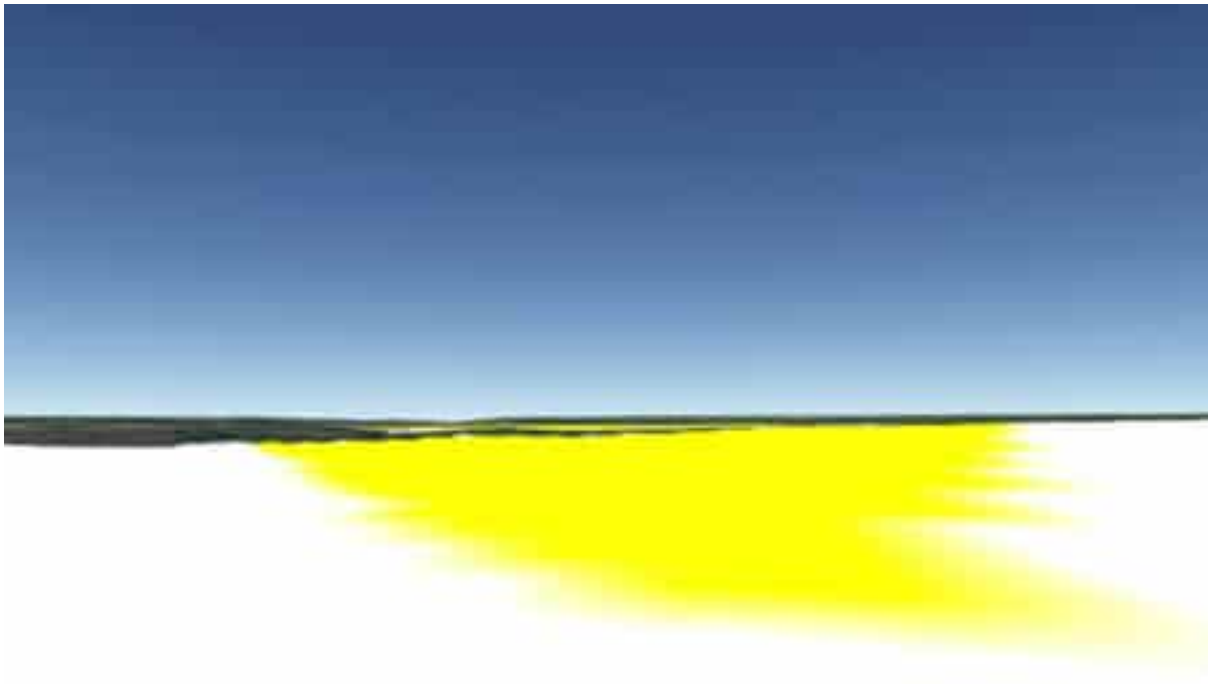


Looking West

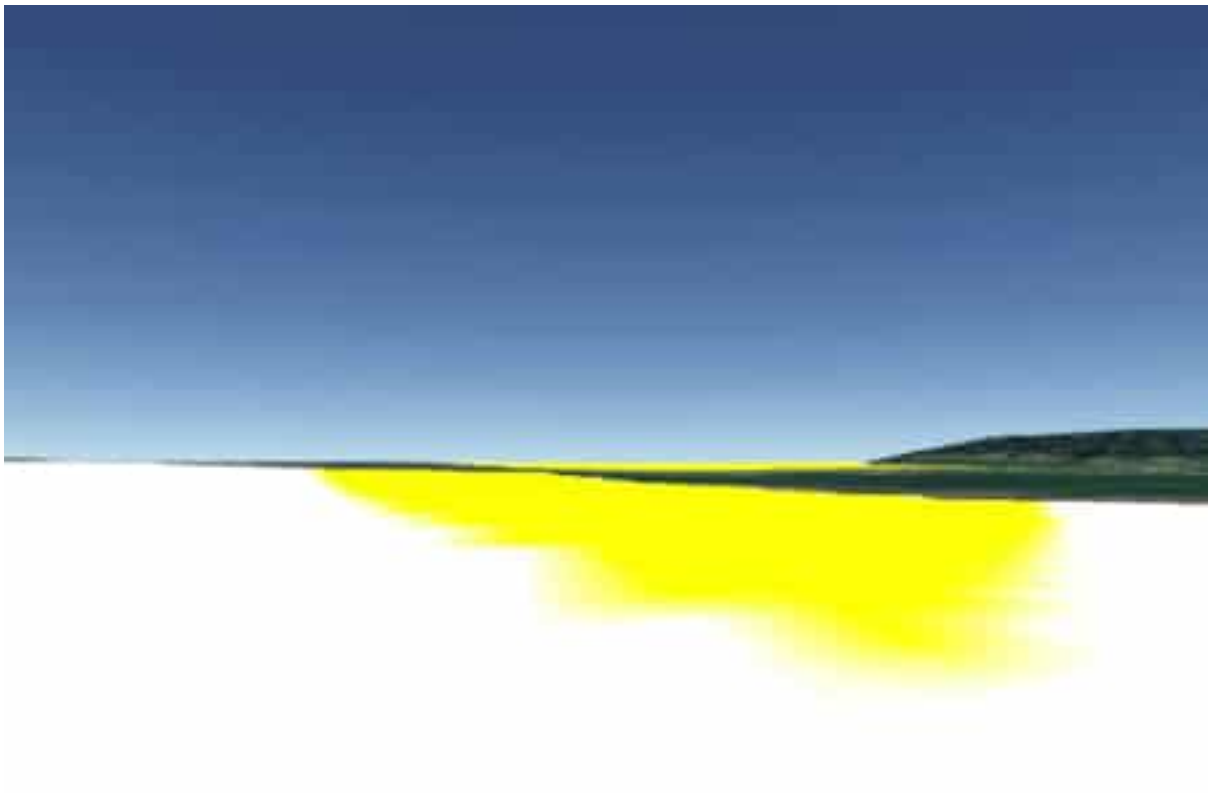


Receptor 35

Looking East

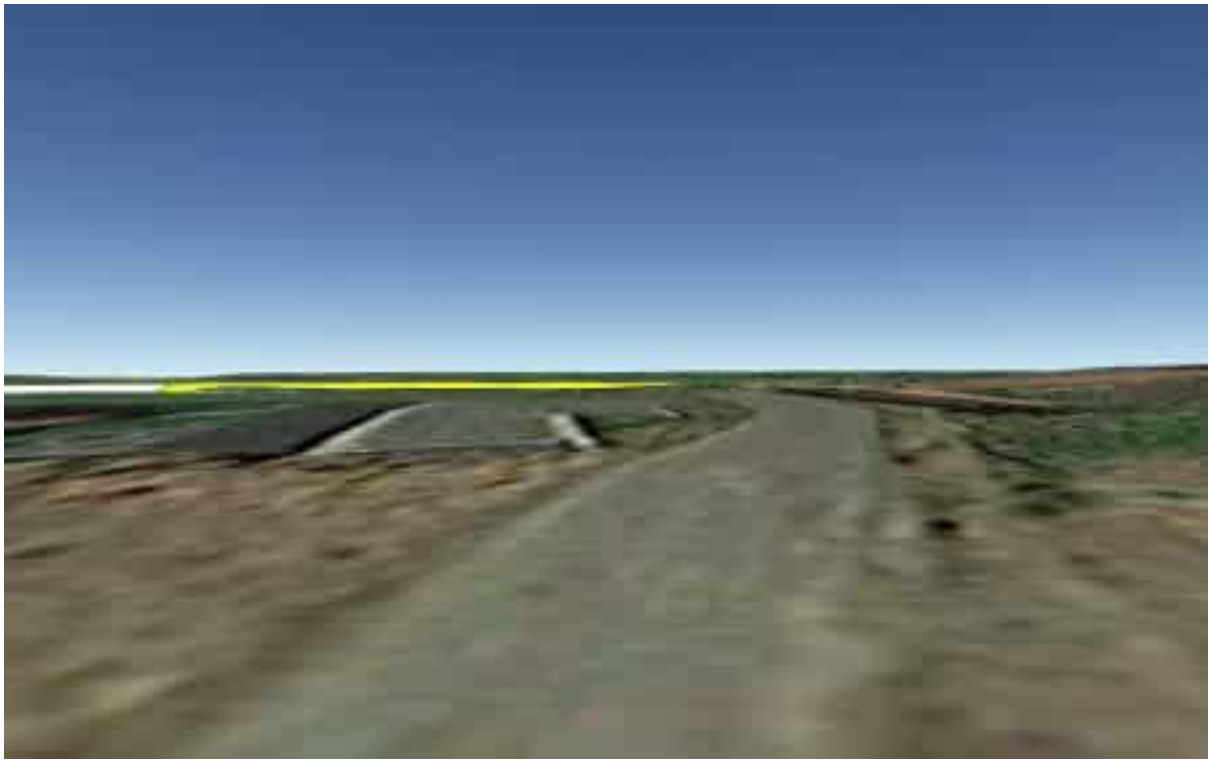


Looking West

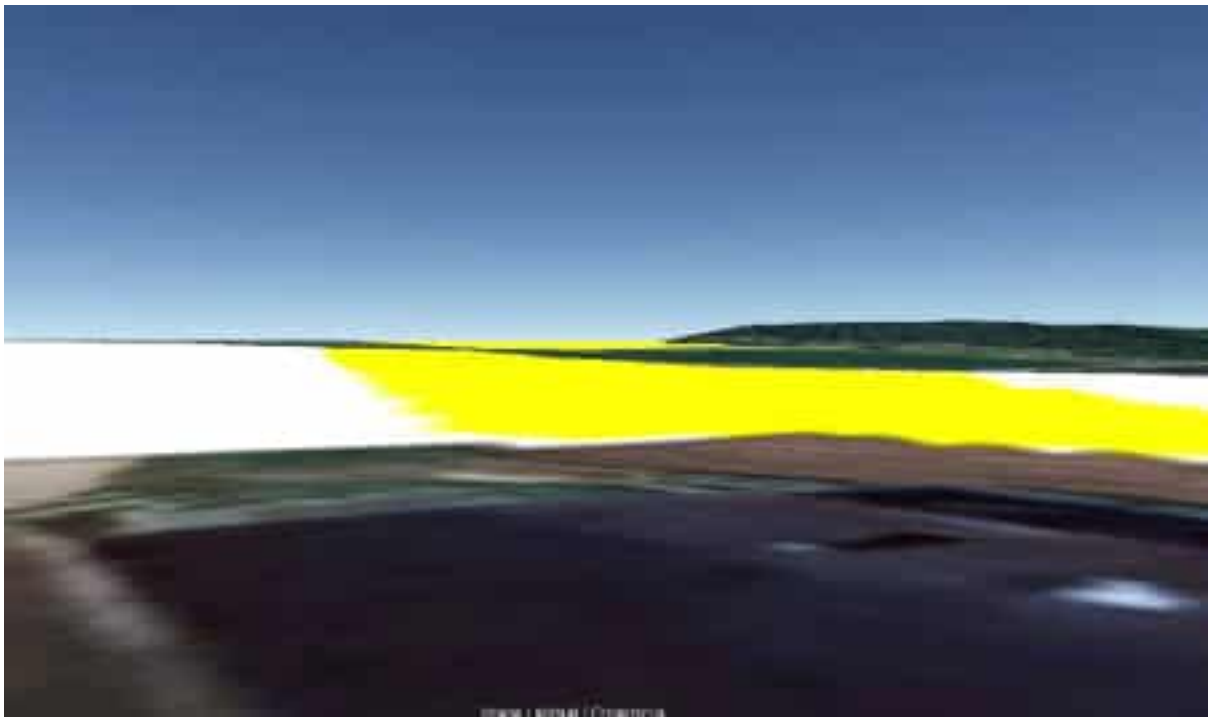


Receptor 36

Looking East

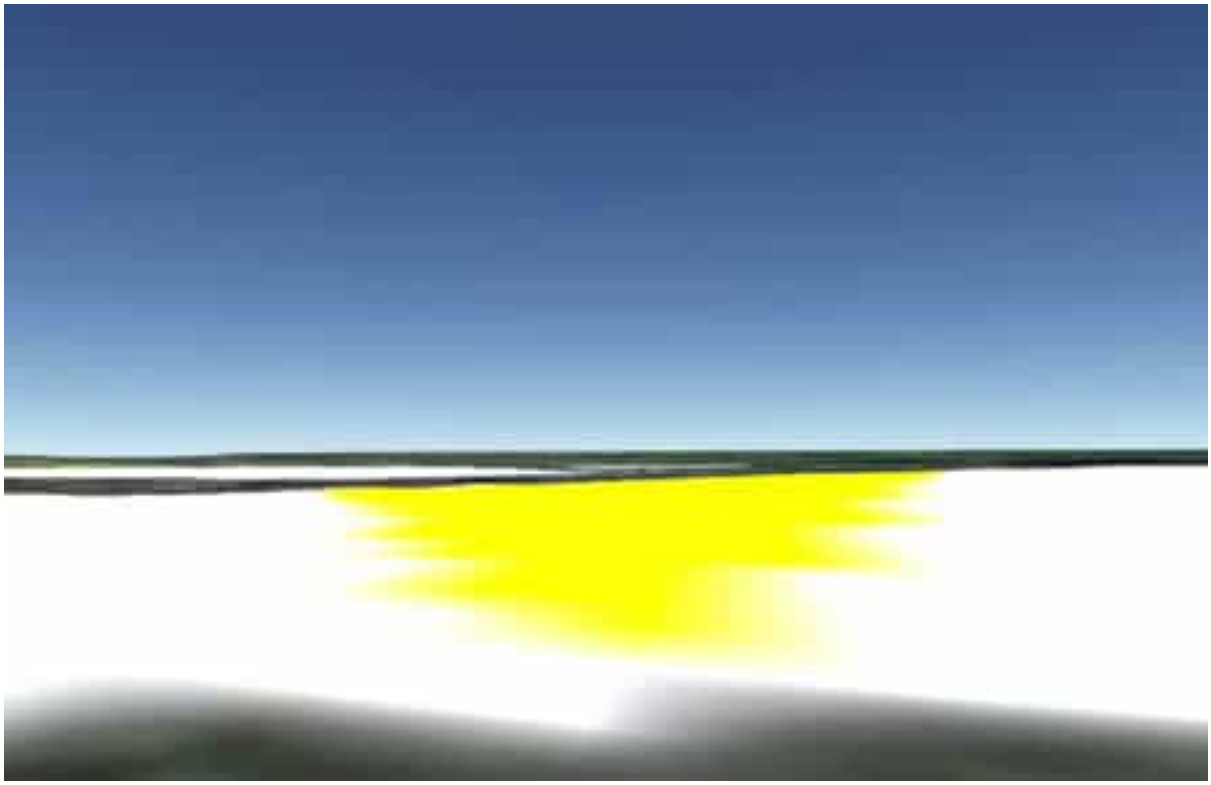


Looking West

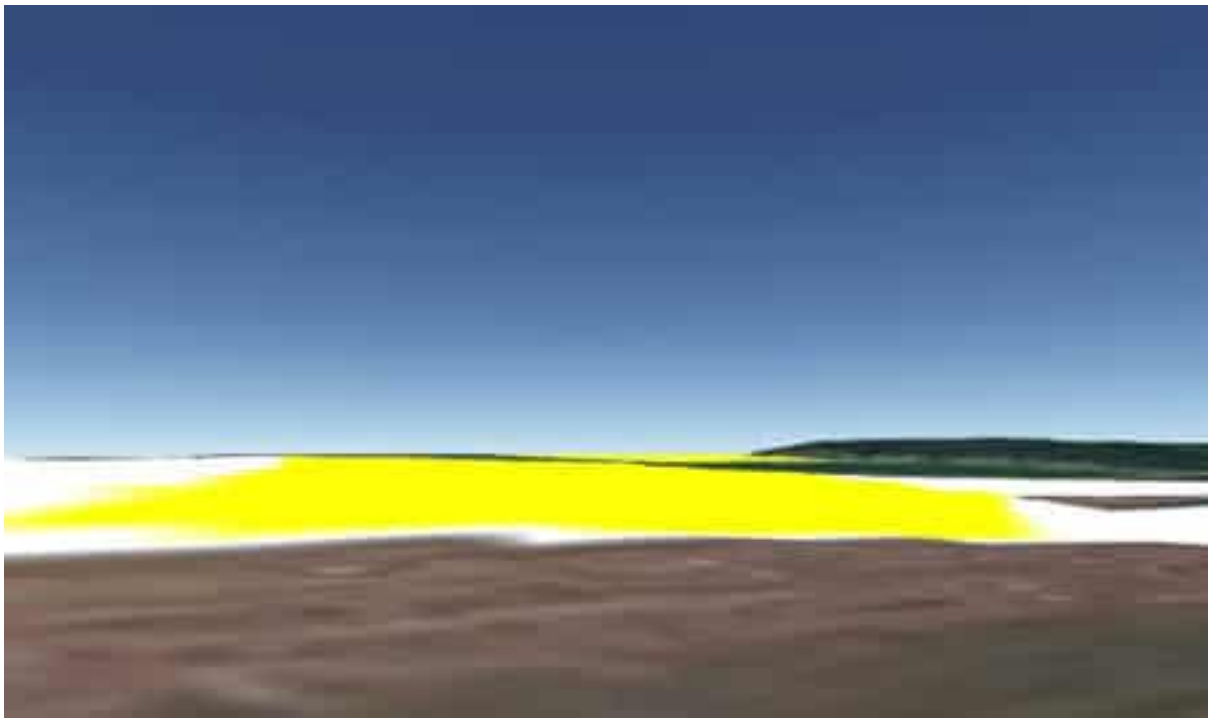


Receptor 37

Looking East

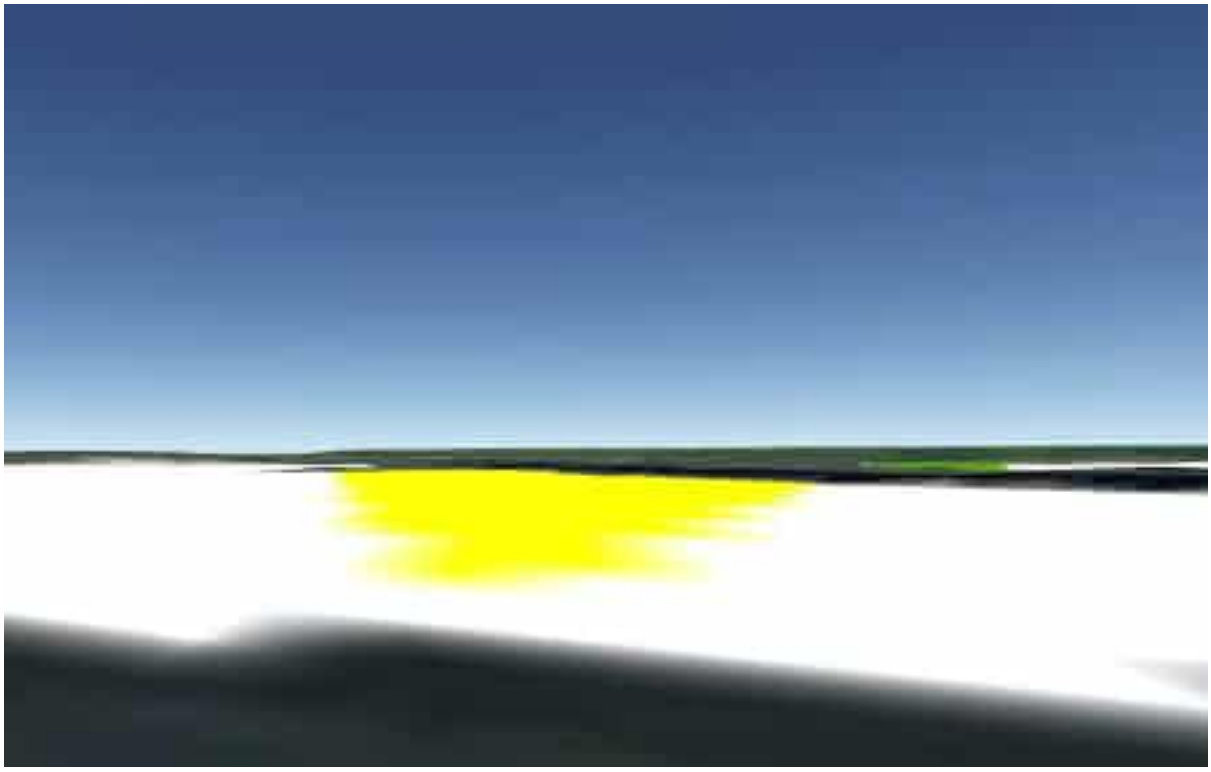


Looking West

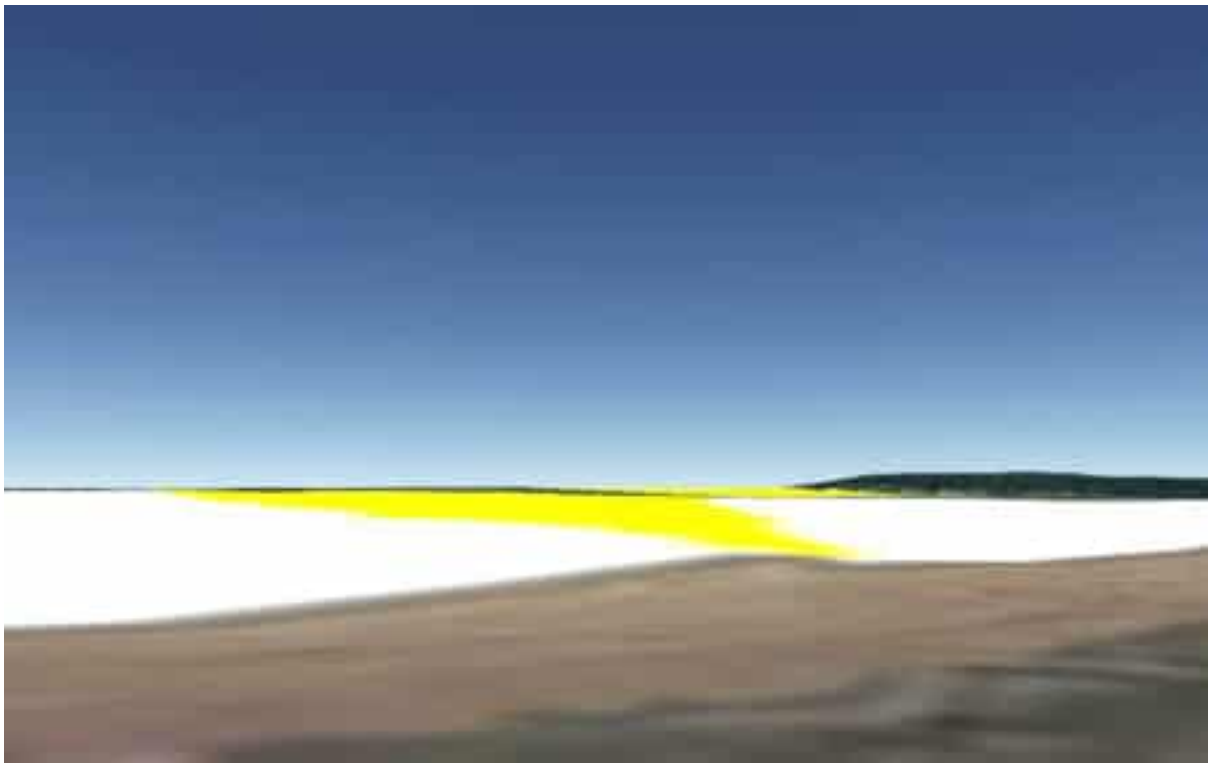


Receptor 38

Looking East

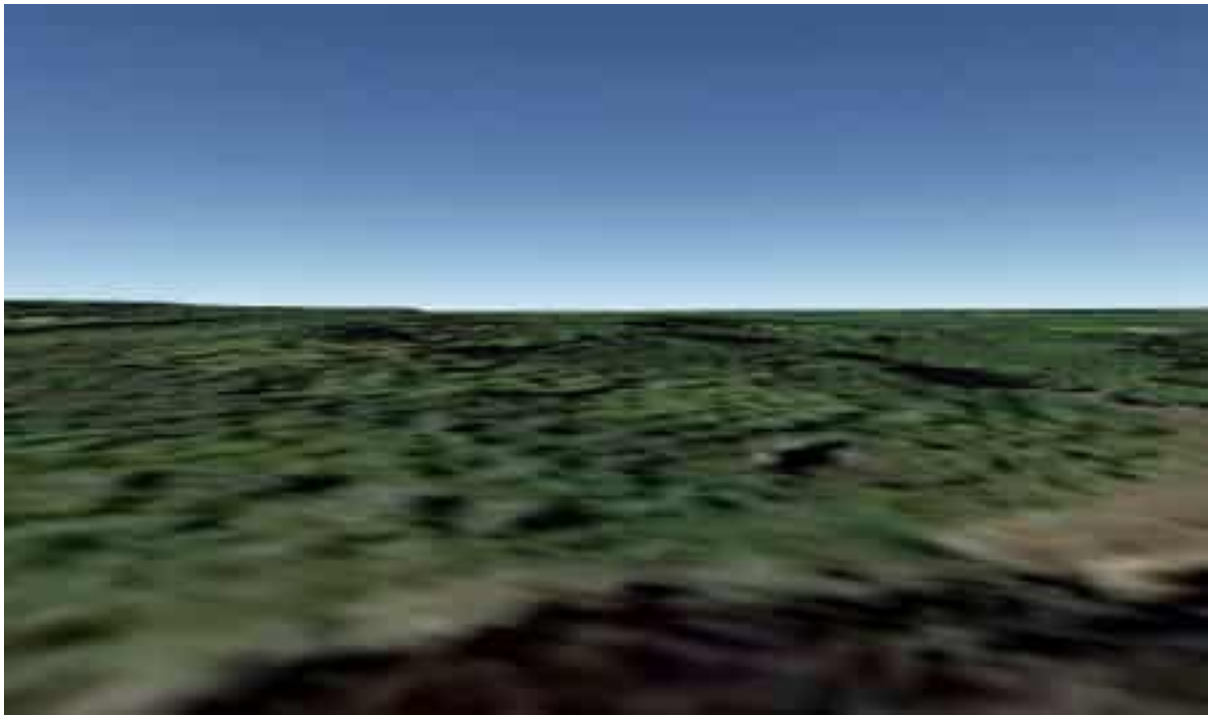


Looking West

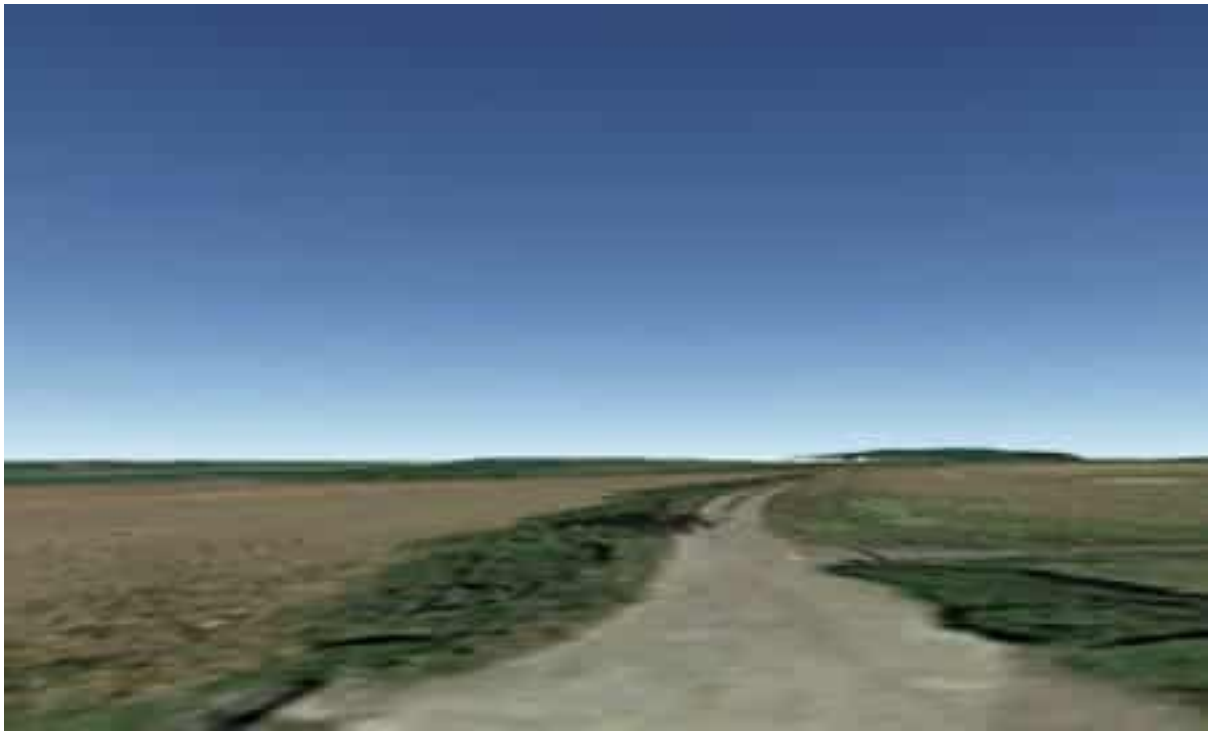


Receptor 39

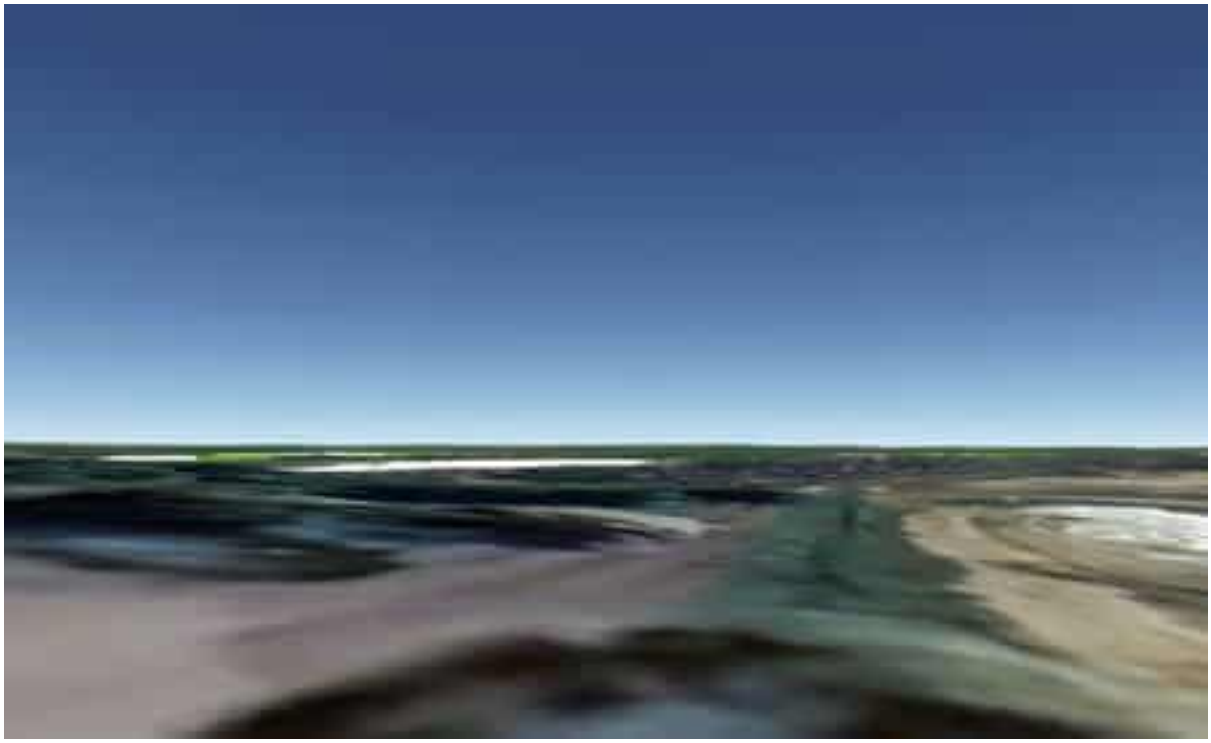
Looking East



Looking North

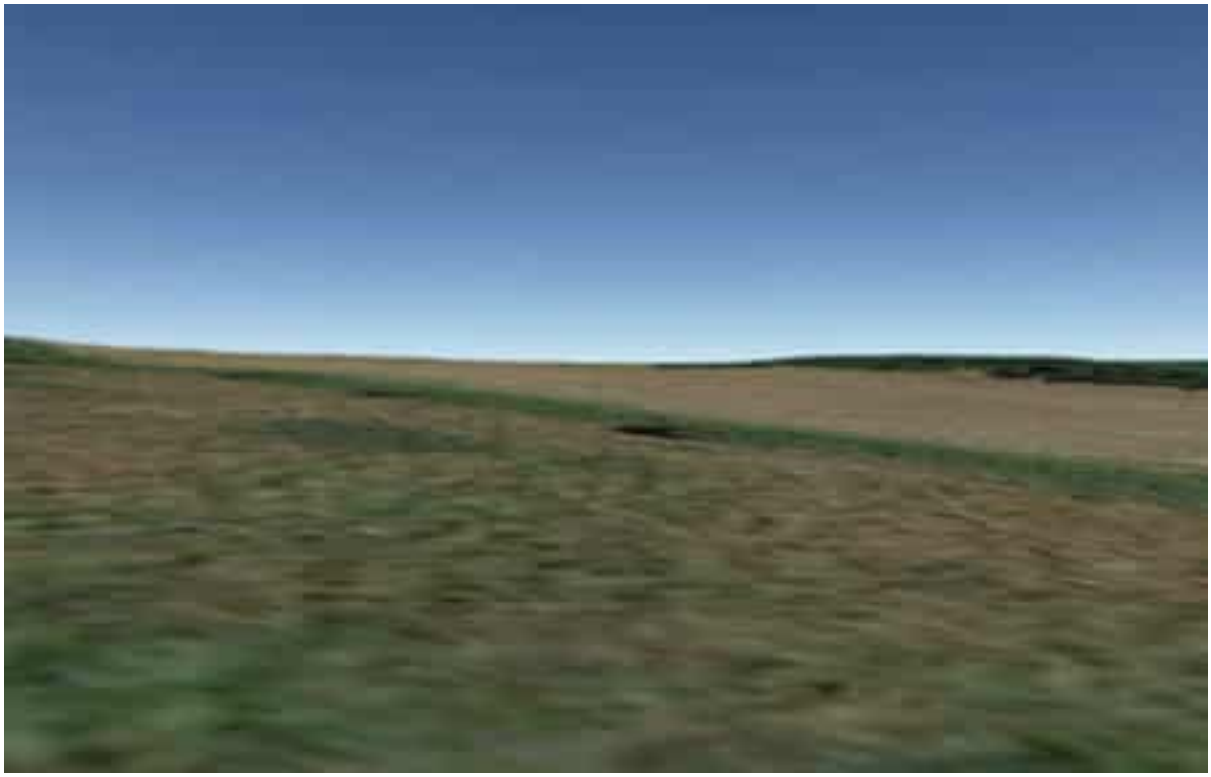


Looking South

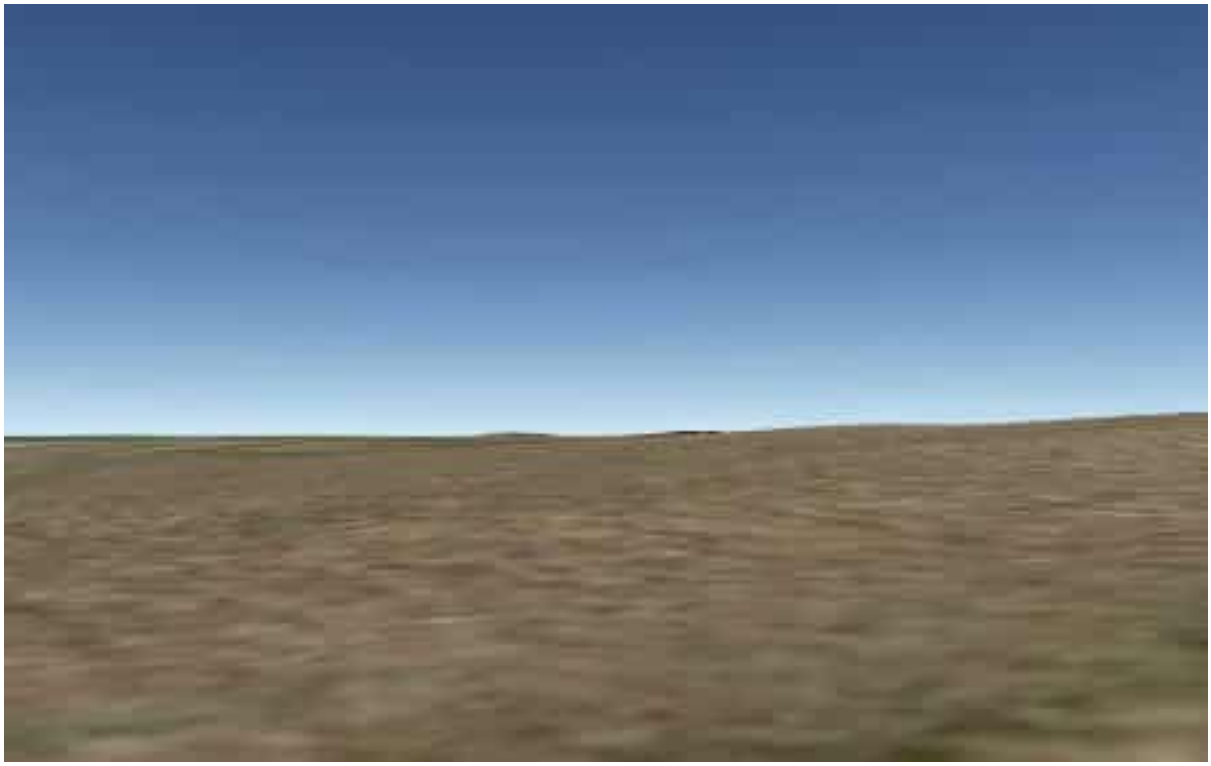


Receptor 40

Looking East



Looking North



Looking South

Receptor 41

Receptor 42

Receptor 43

Receptor 44

Receptor 45

Looking East

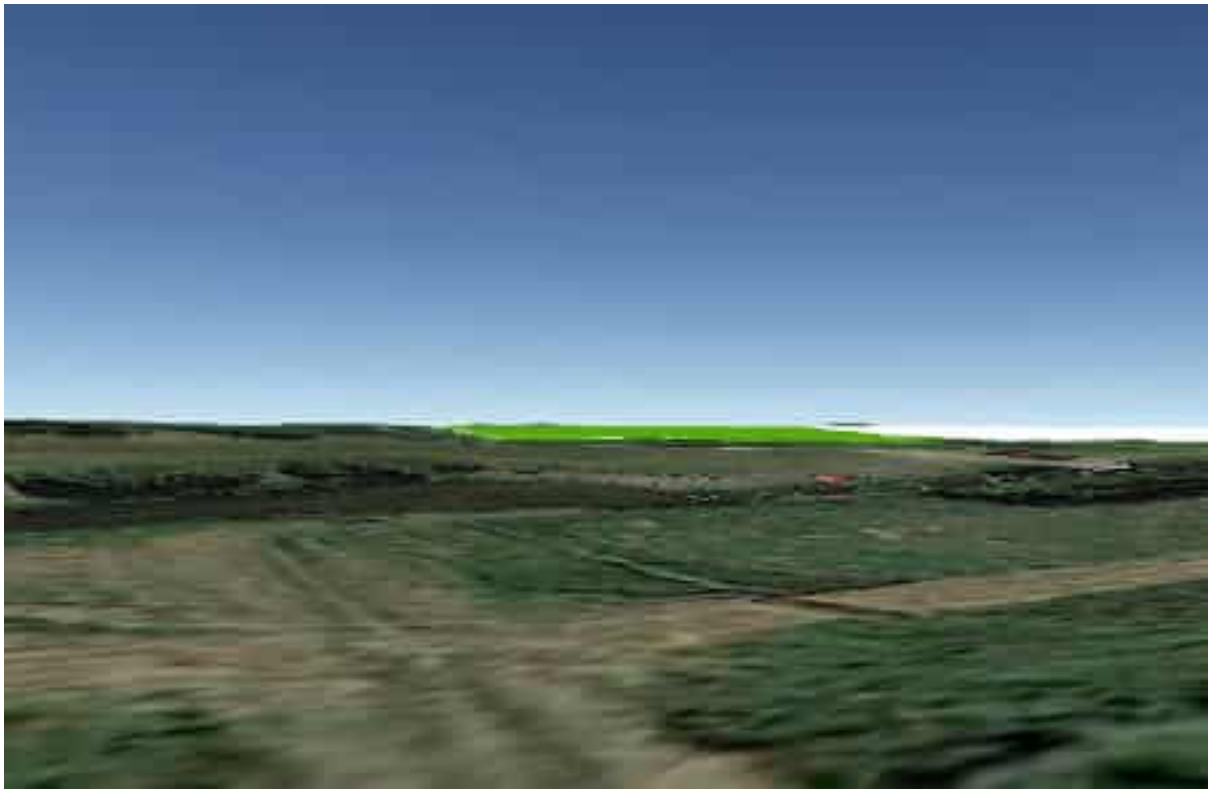
Looking West

May 15th 19:00 UTC

July 1st 19:30 UTC

Receptor 46

Looking Southeast



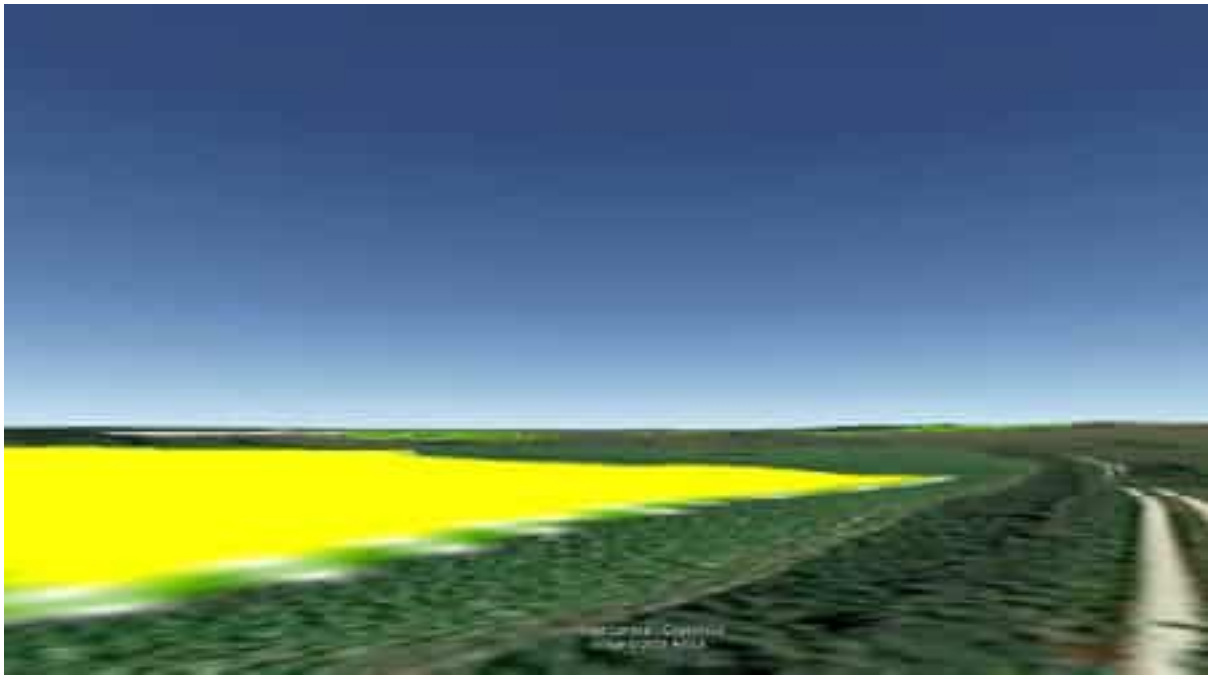
Looking West

May 15th 19:00 UTC

July 1st 19:30 UTC

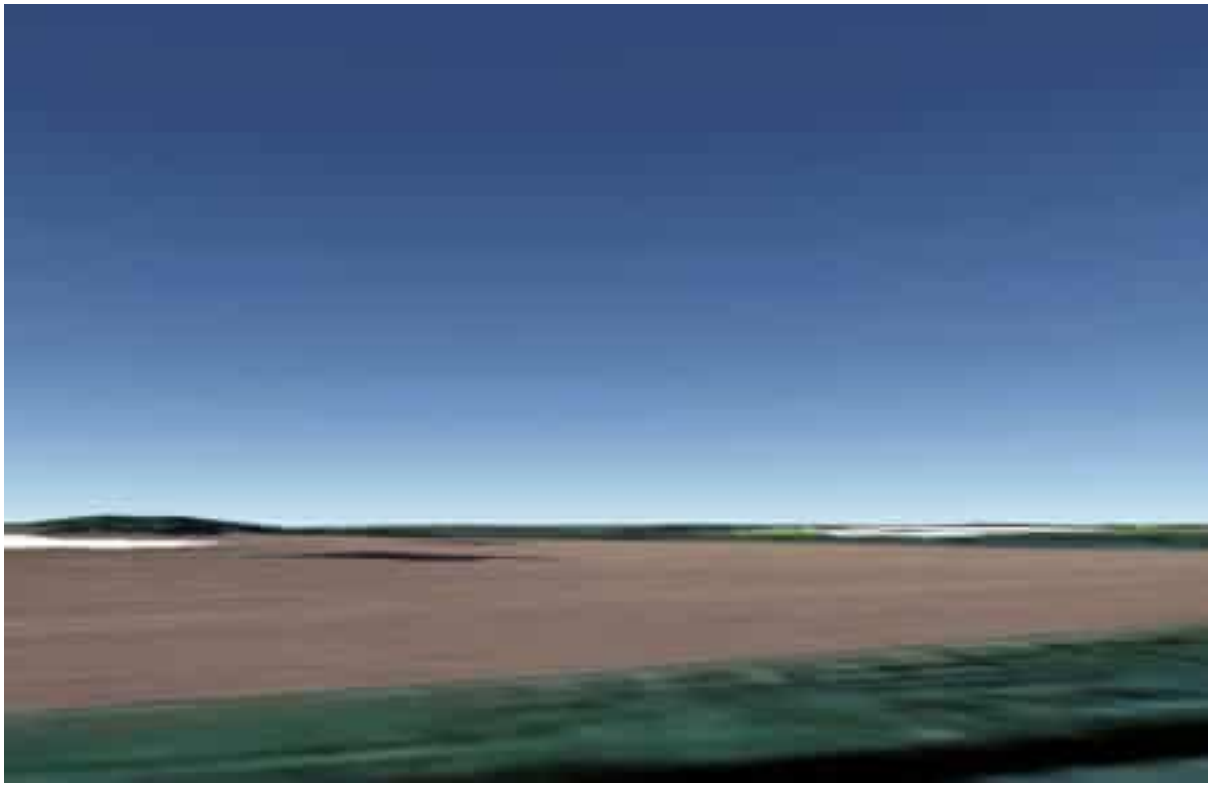
Receptor 47

Receptor 48

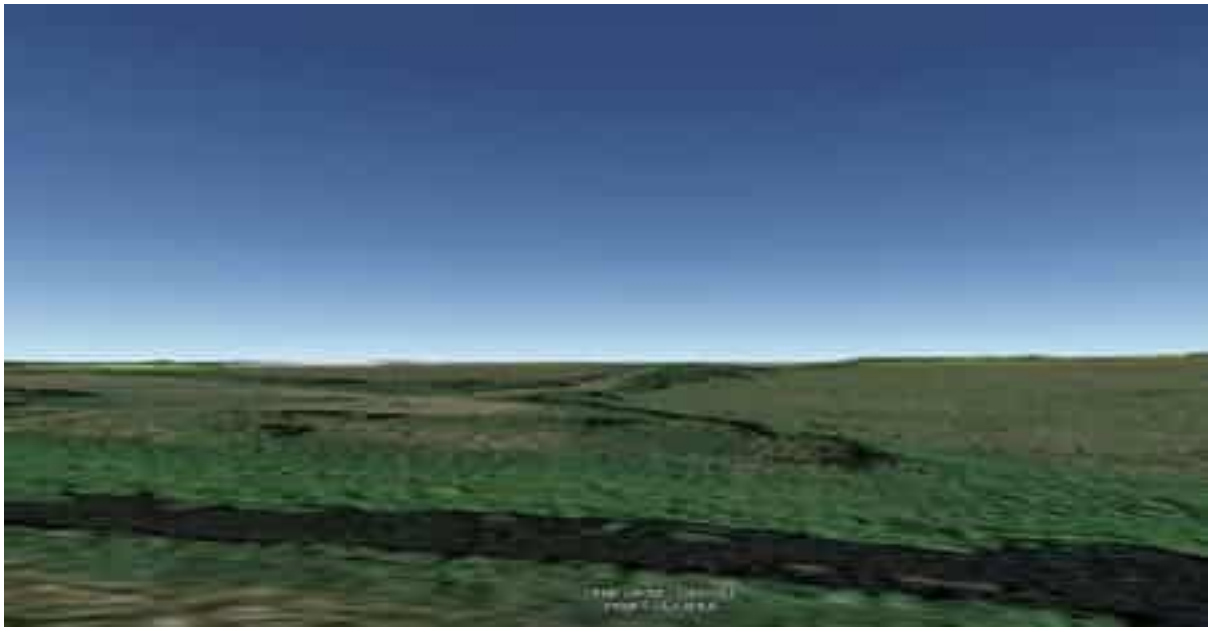


Receptor 49

Looking East



Receptor 50



Receptor 51

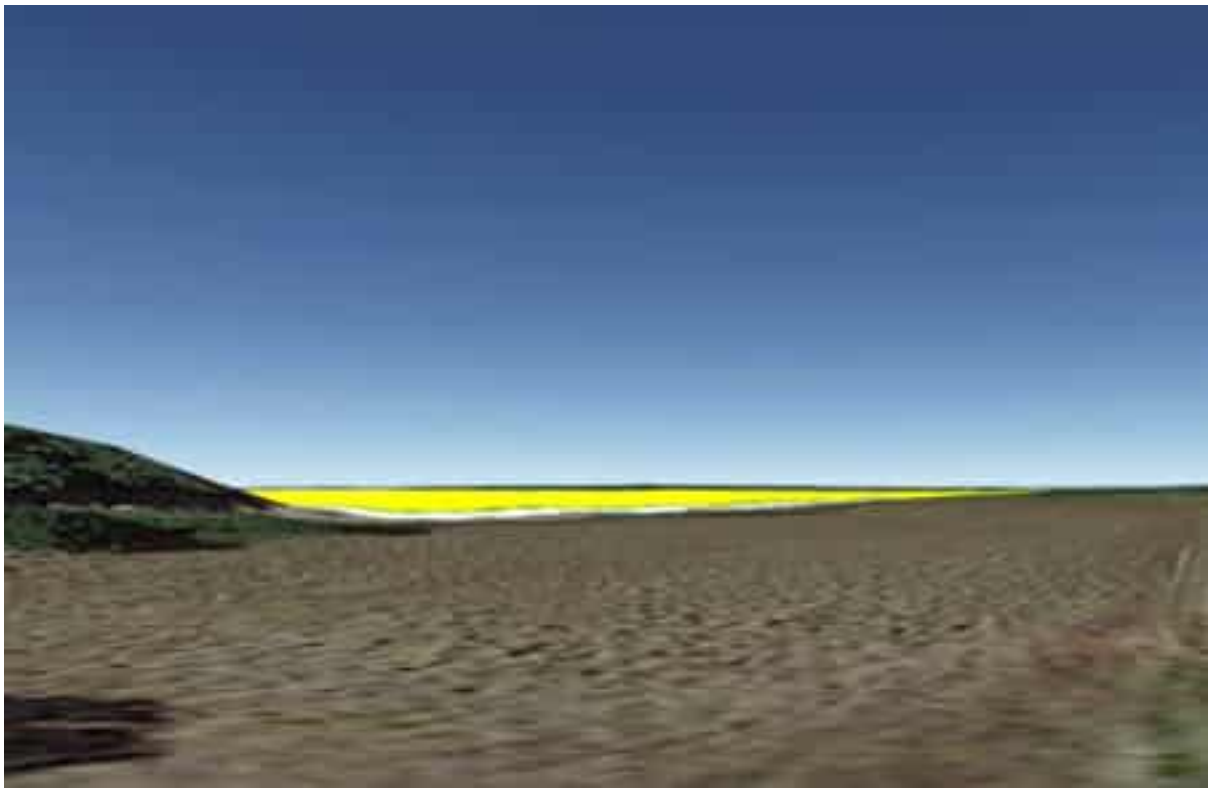
Receptor 52

Receptor 53

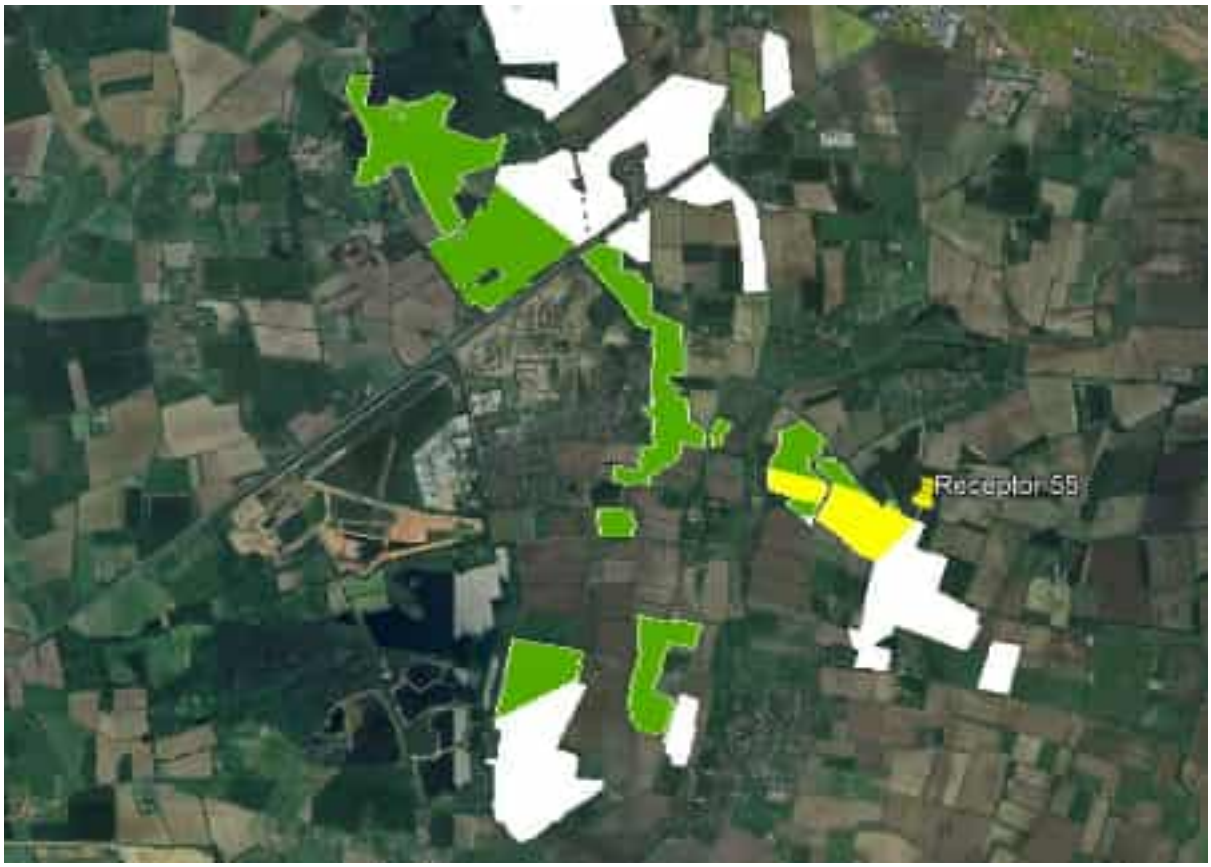
Receptor 54

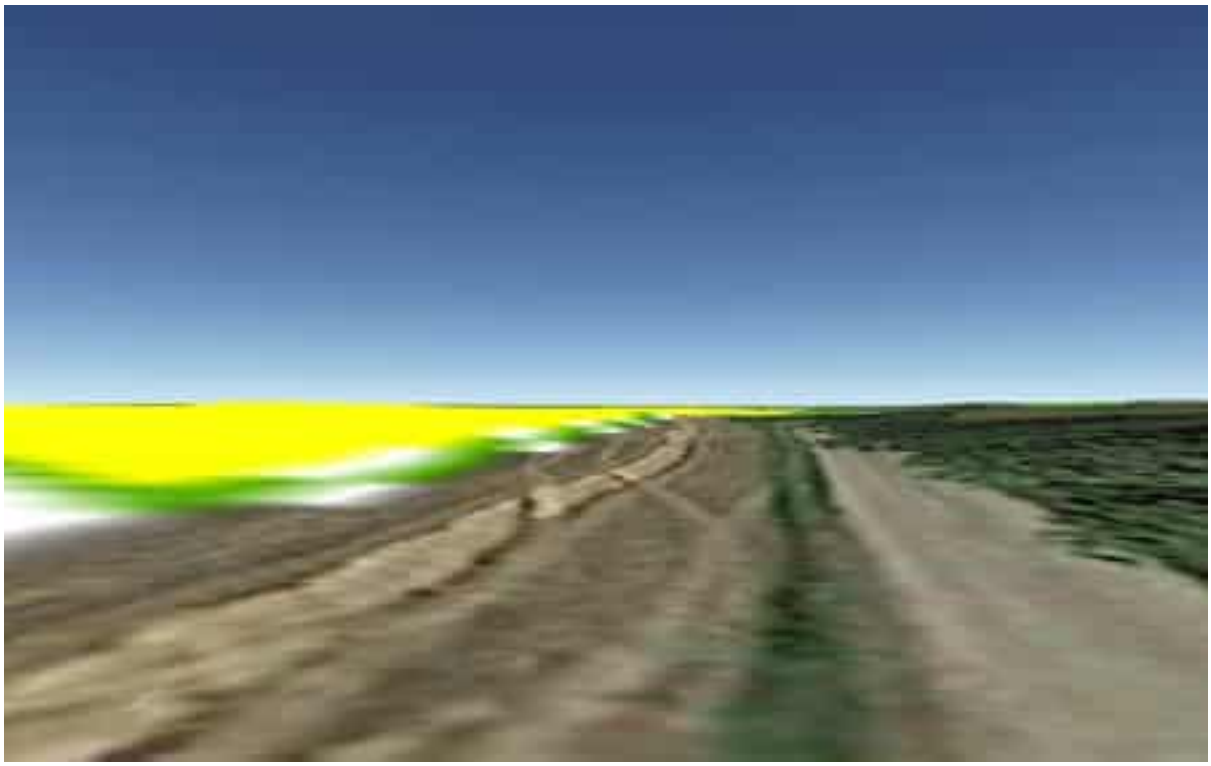
Looking Northwest

Looking Southwest



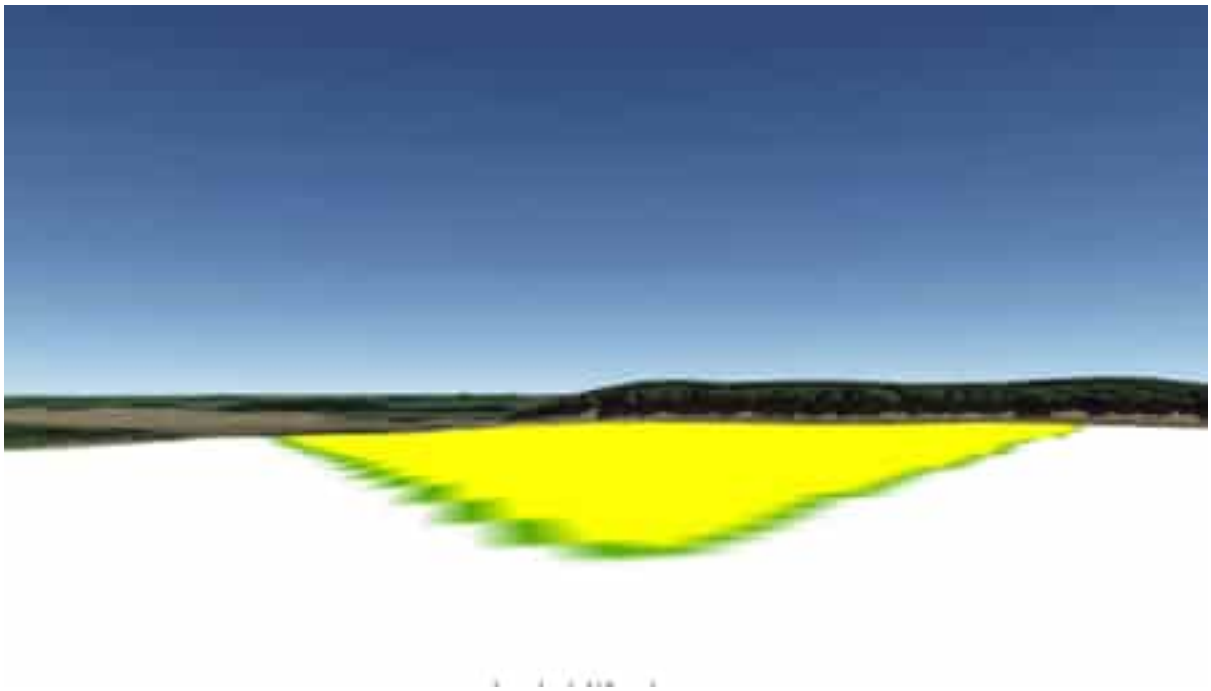
Receptor 55



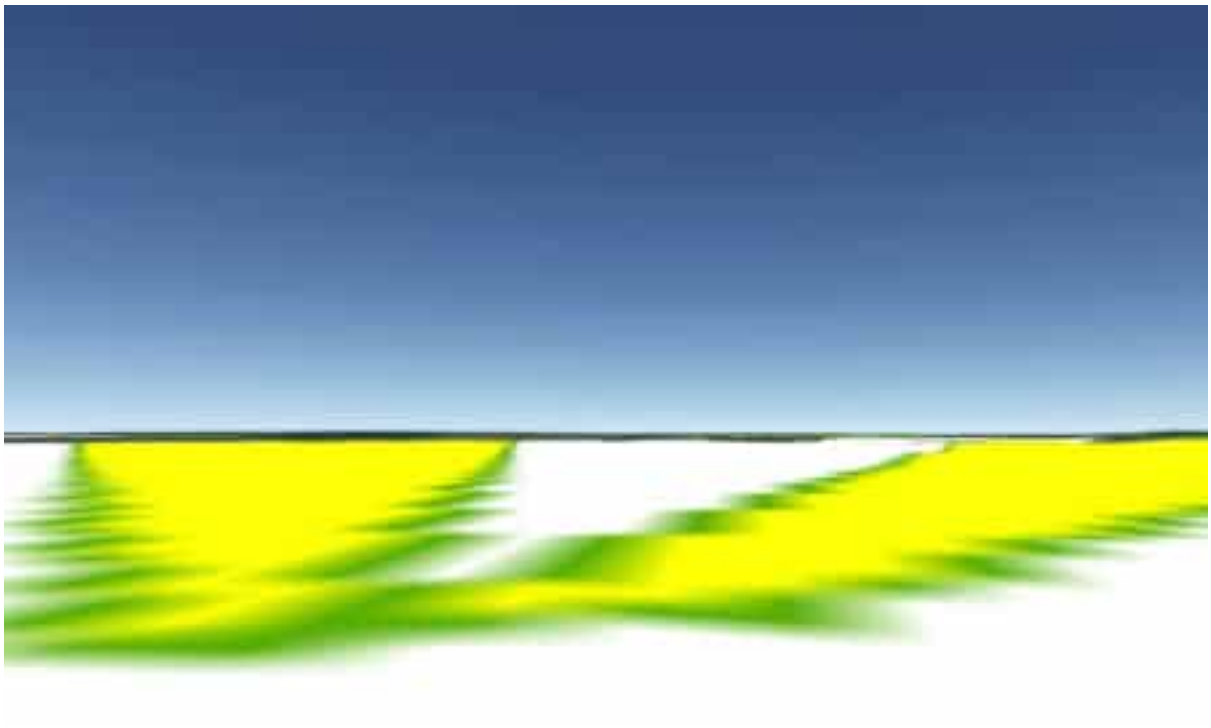


Receptor 56

Looking East

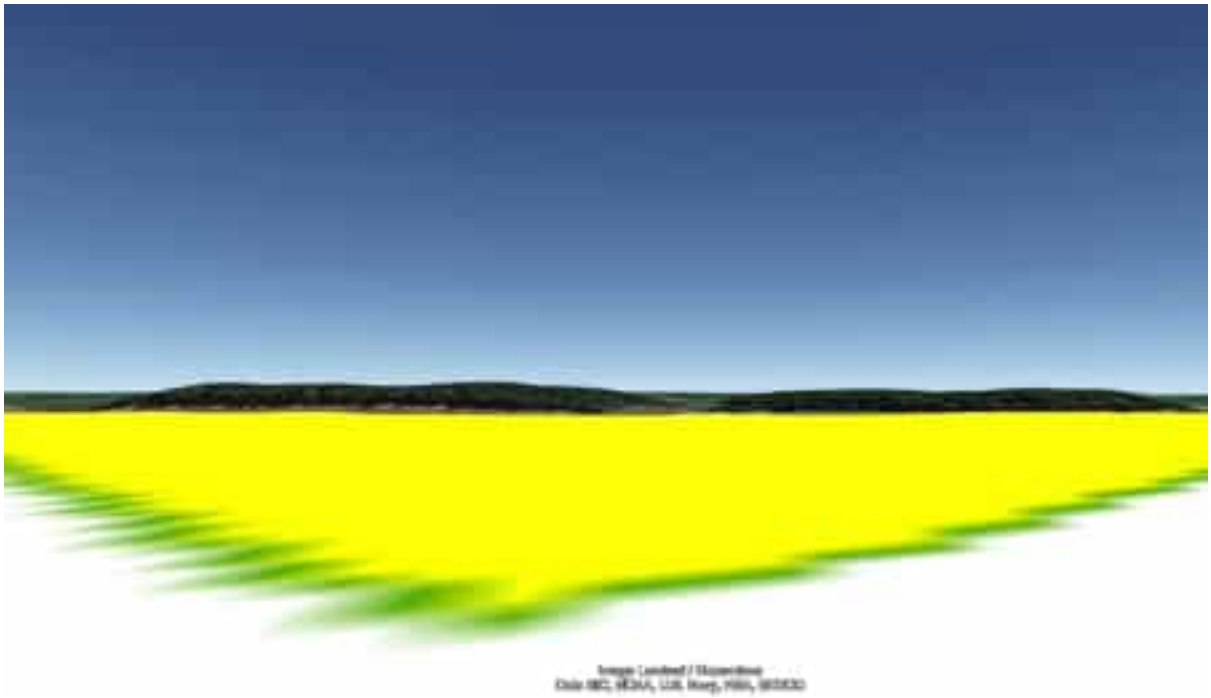


Looking West

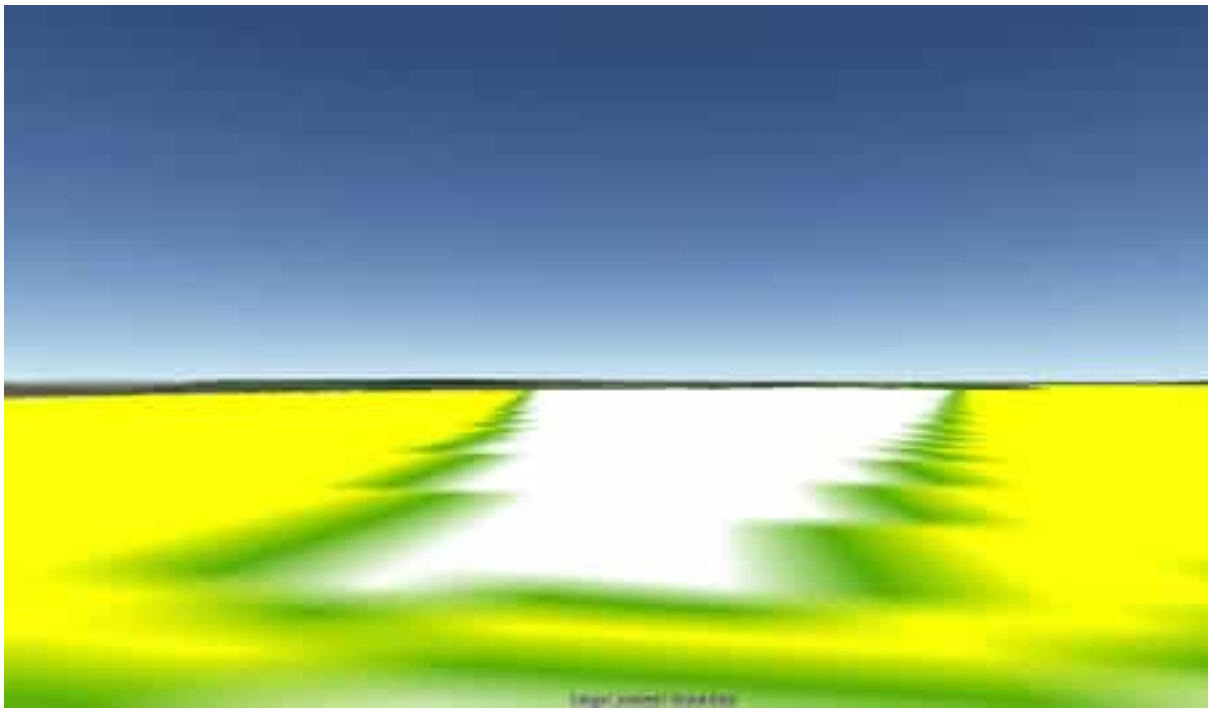


Receptor 57

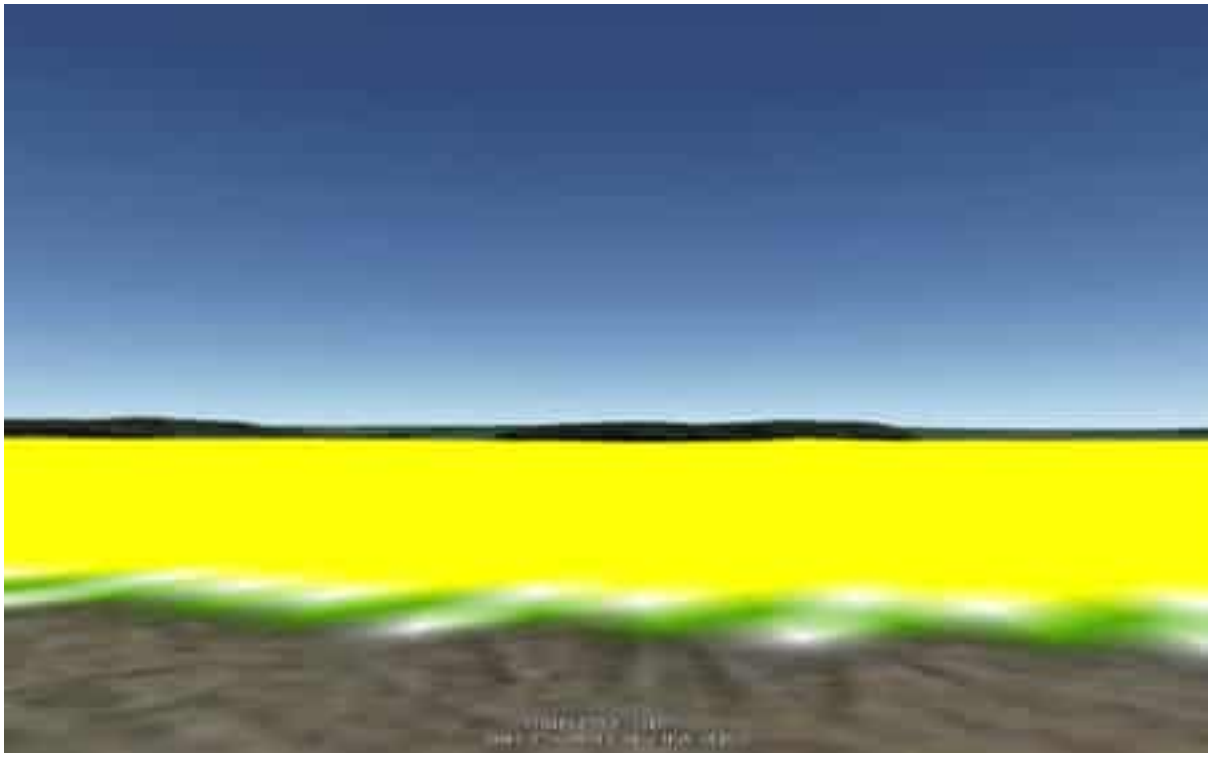
Looking East



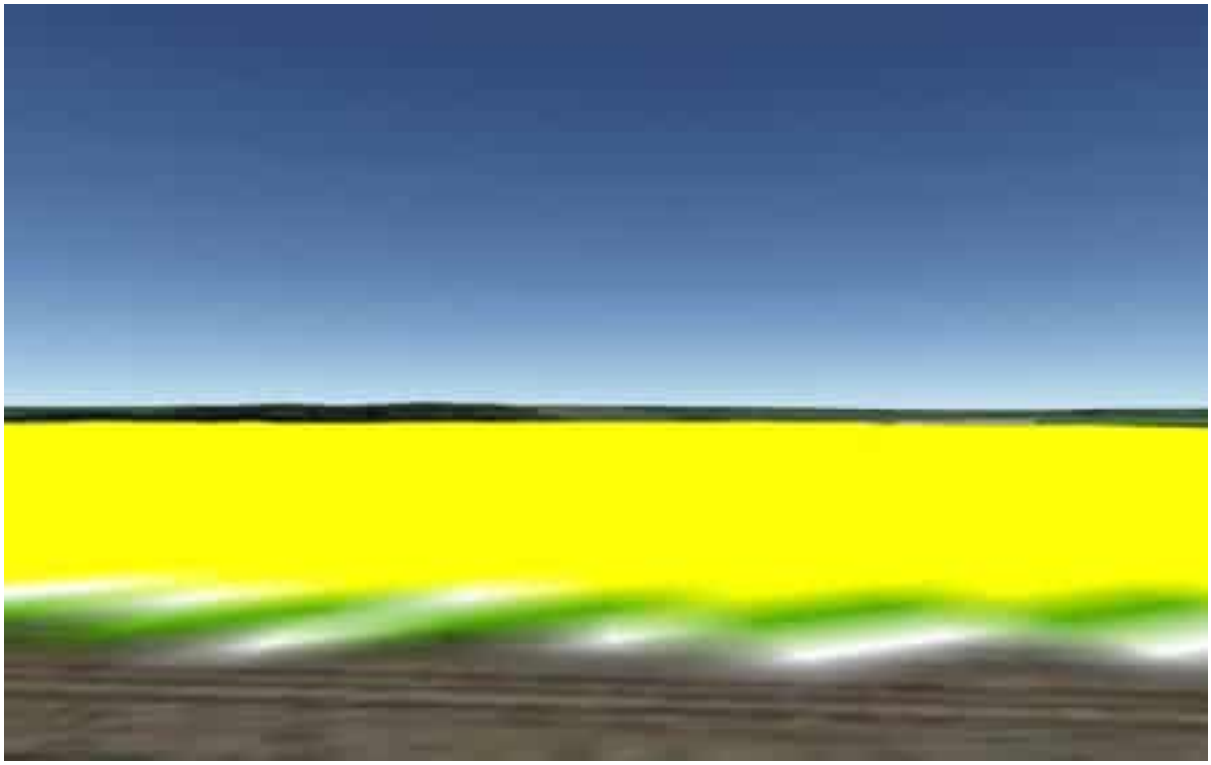
Looking West



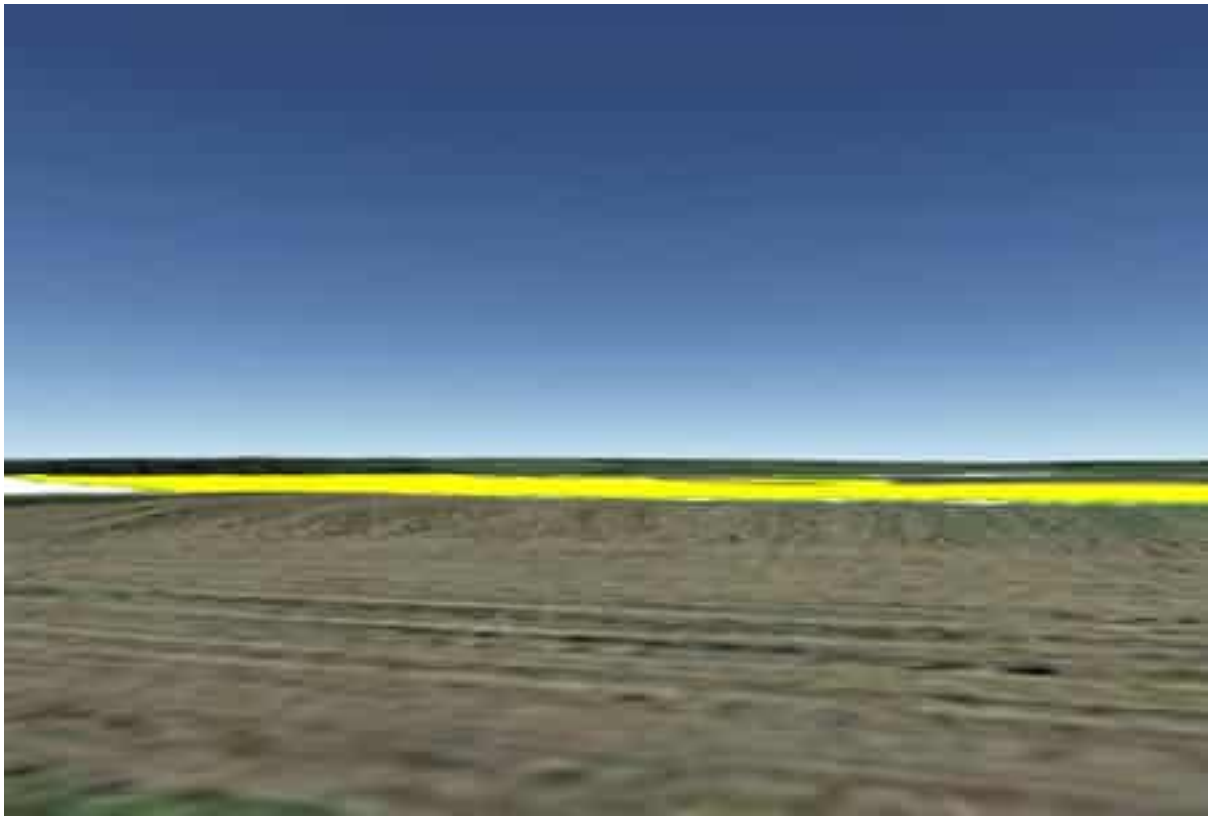
Receptor 58



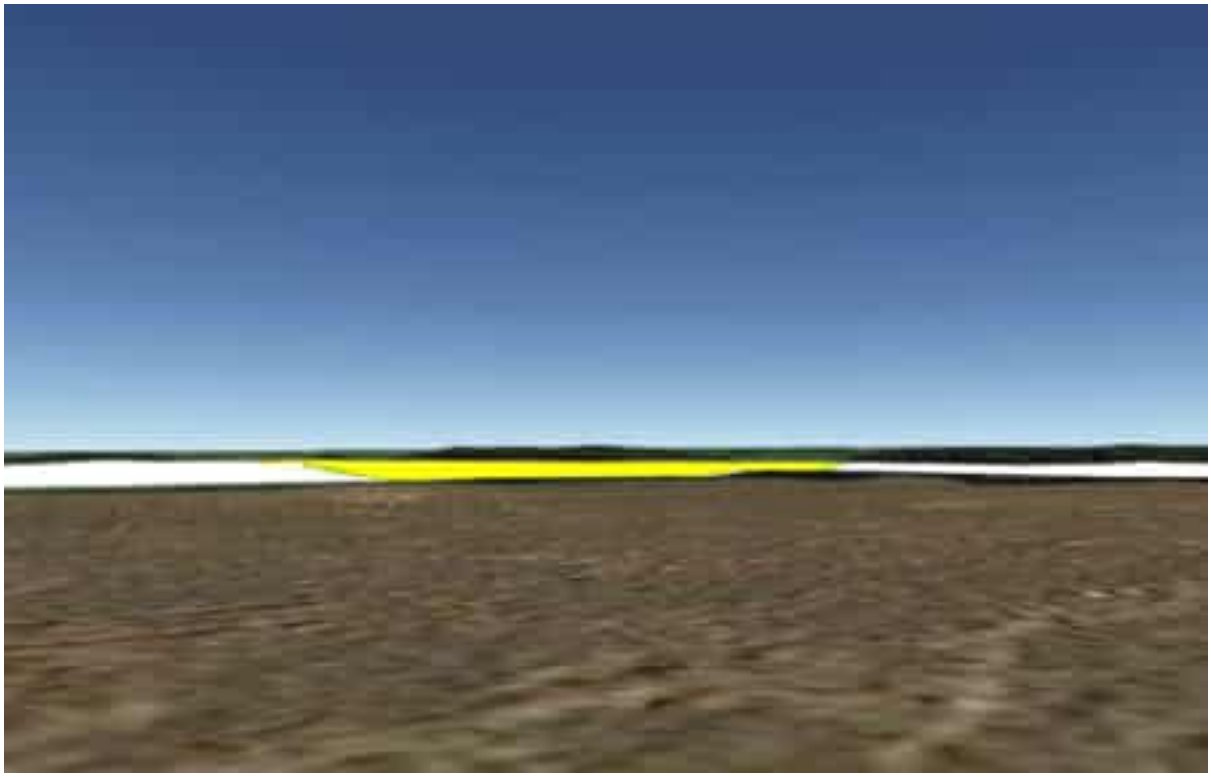
Receptor 59



Receptor 60



Receptor 61



Receptor 62

Looking East

Looking West

Receptor 63

Looking East

Looking North

Looking Northeast

Receptor 64

Looking East

Looking North

Receptor 65

Looking West

Receptor 66

Looking East

Looking West

Receptor 67

Looking East

Looking West

Receptor 68

Looking East

Looking West

Receptor 69

Looking East

Looking West

Receptor 70

Looking East

Looking West

Receptor 71

Looking East

Looking West

Receptor 72

Looking East

Looking West

Receptor 73

Looking East

Looking West

Receptor 74

Looking West

Receptor 75

Looking Northeast

Looking Southwest

Receptor 76

Receptor 77

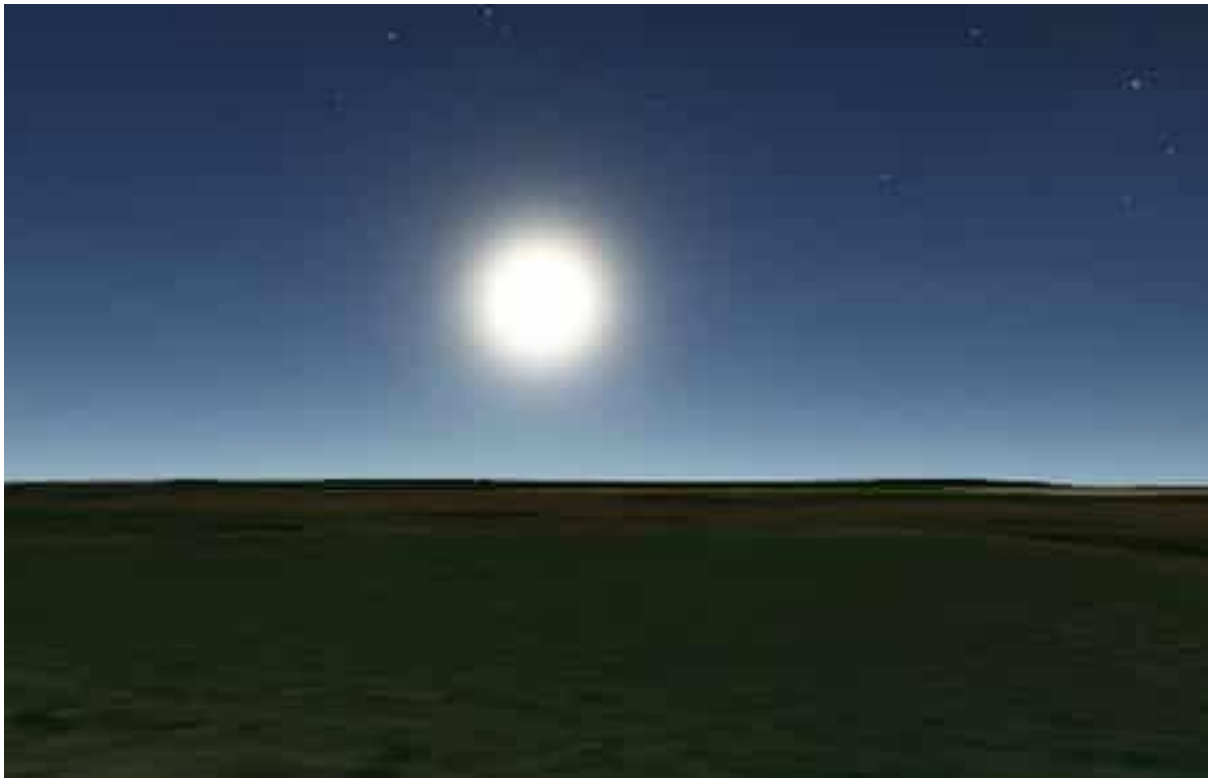
Receptor 78

Looking East

Looking West

May 25th 19:00 UTC

July 1st 19:15 UTC



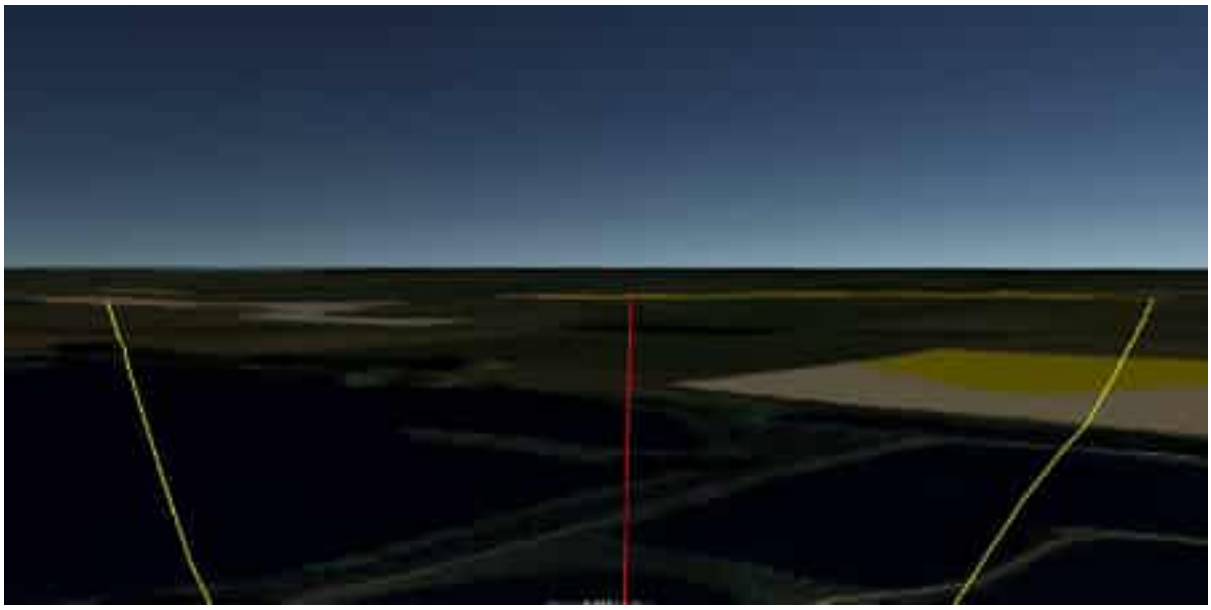
Receptor 79

Aviation Receptors

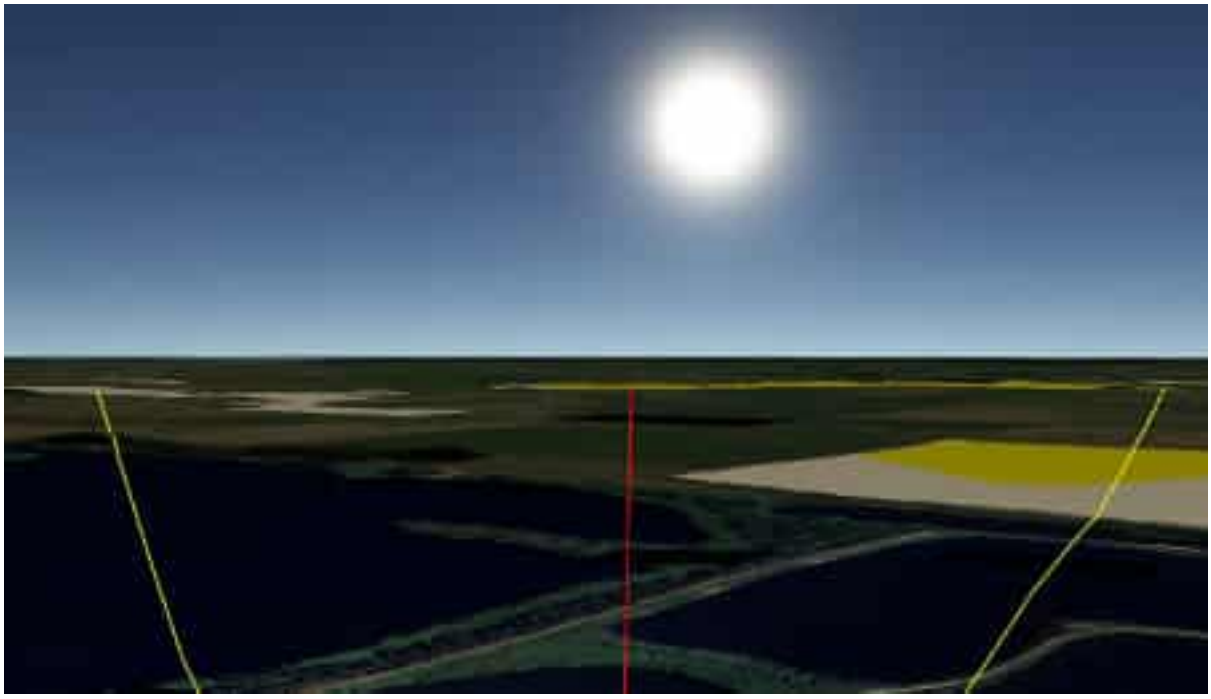
Peacocks Farm

Runway 06 Approach

March 1stth 07:45 UTC

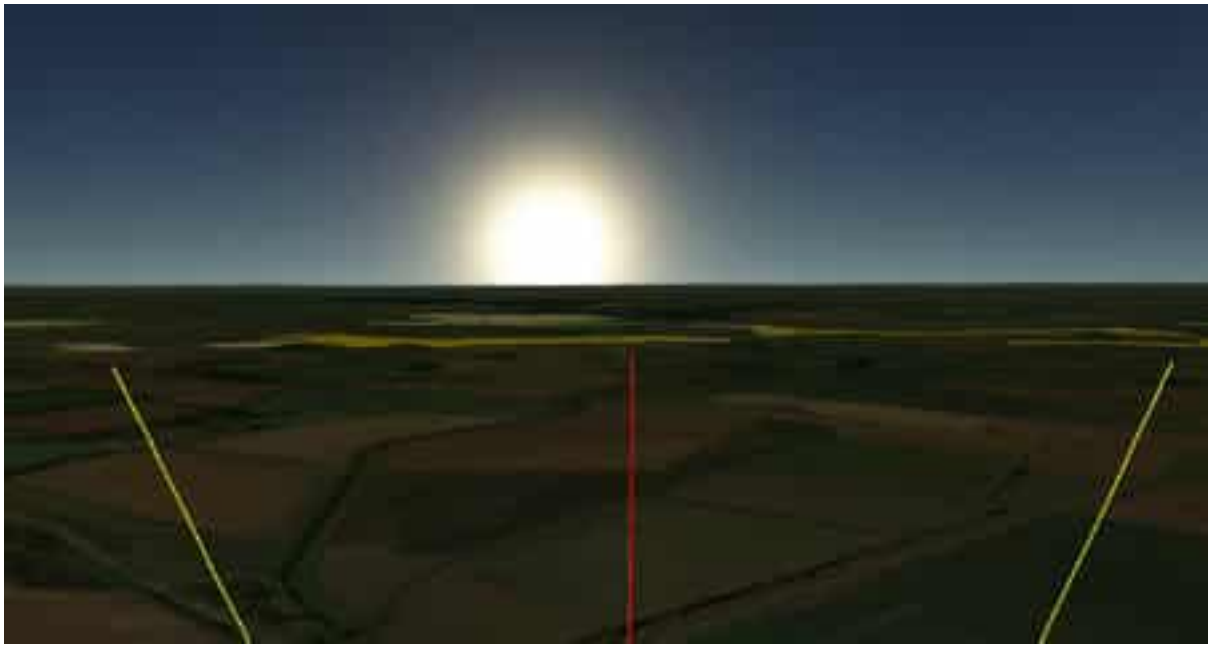


July 1st 05:15 UTC

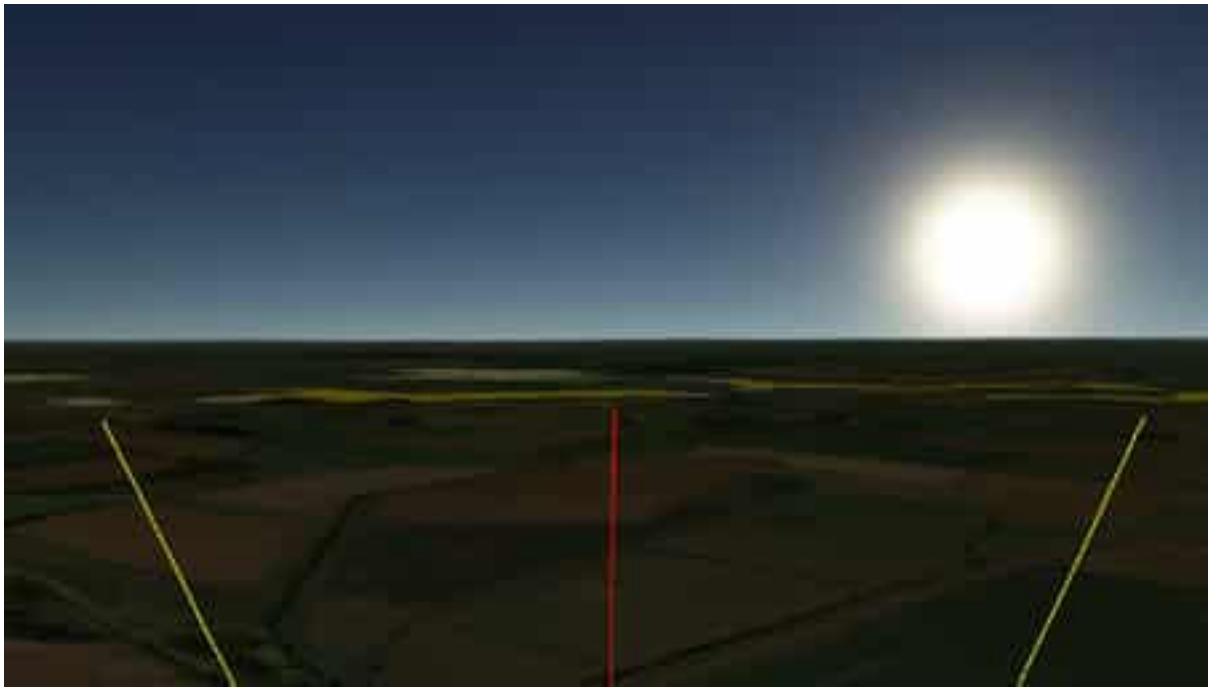


Runway 24 Approach

February 1st 16:30 UTC



March 10th 17:30 UTC

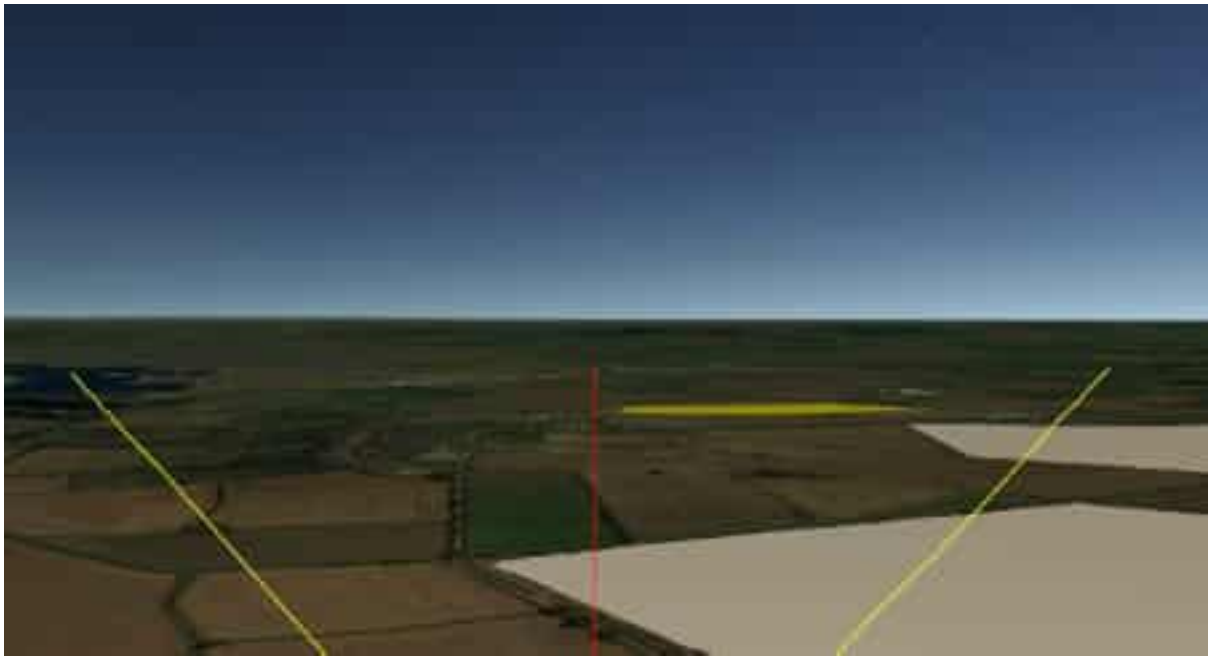


May 1st 19:00 UTC

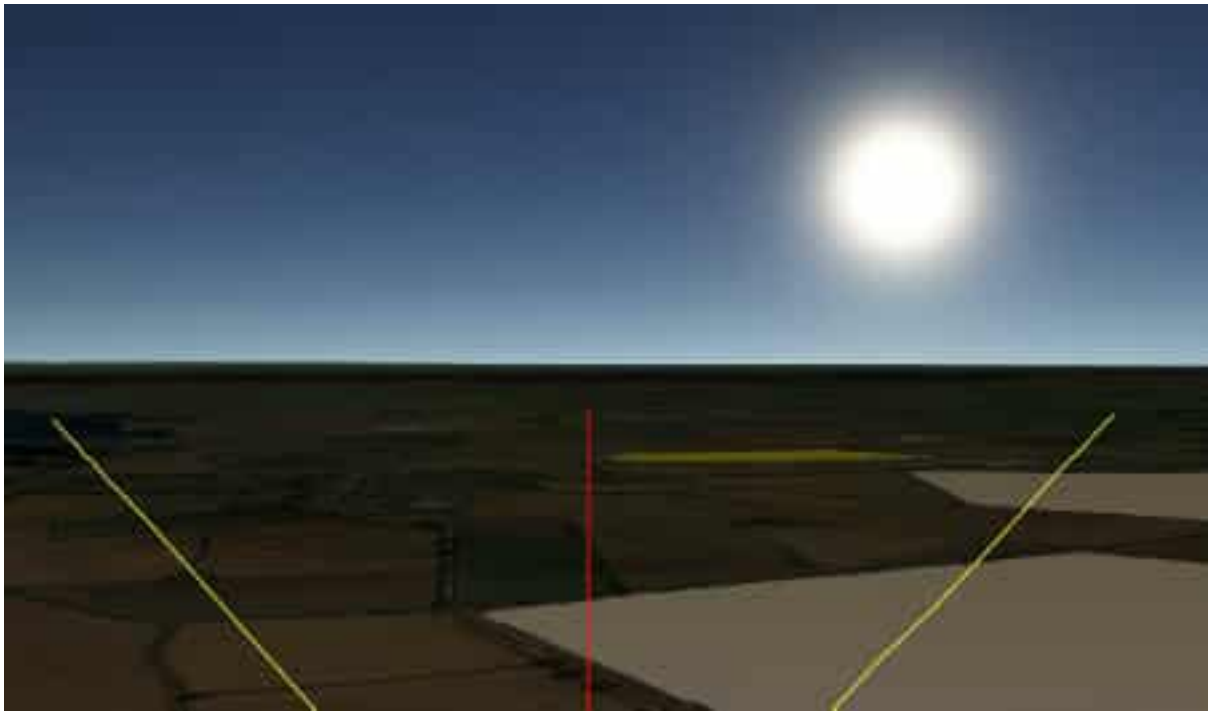
South Hykeham Airfield

Runway 10 Approach (5 degrees panel tilt)

January 1st 10:45 UTC

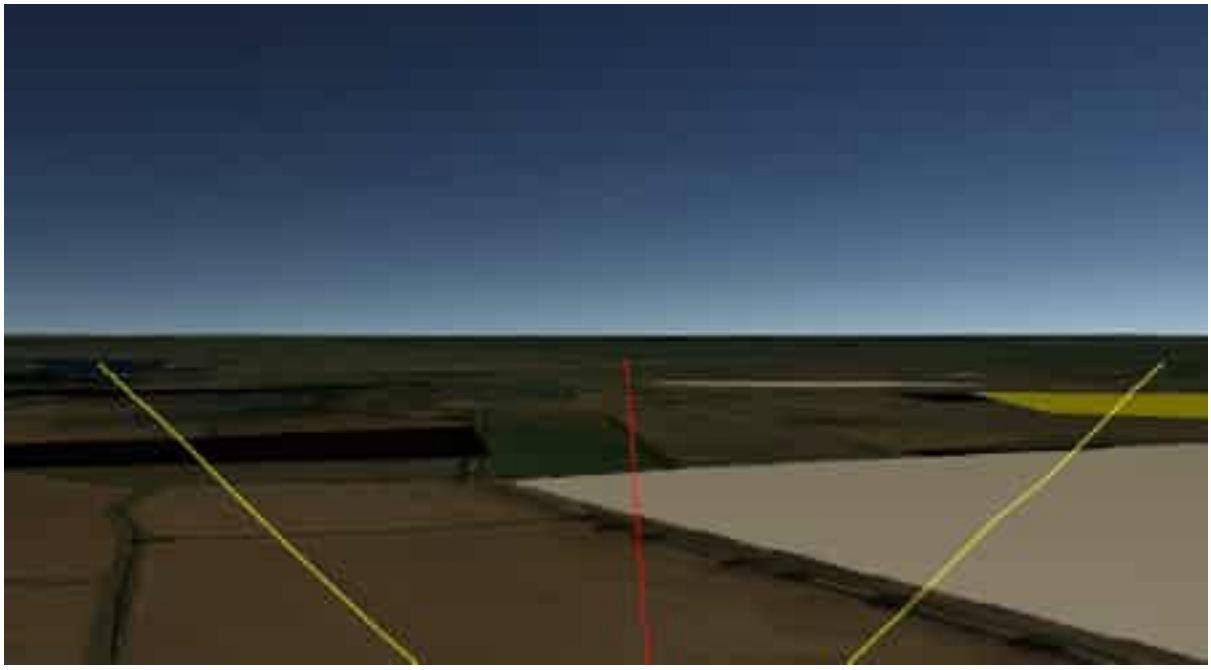


October 15th 07:30 UTC

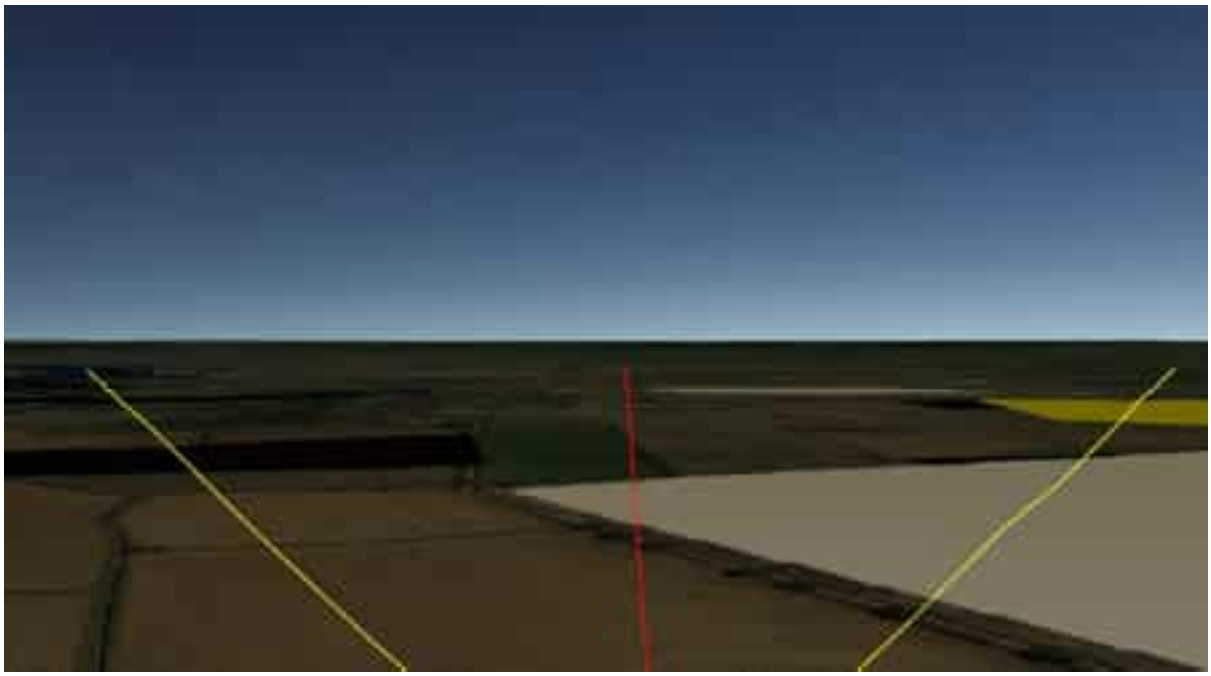


Runway 10 Approach (Tracker Panel)

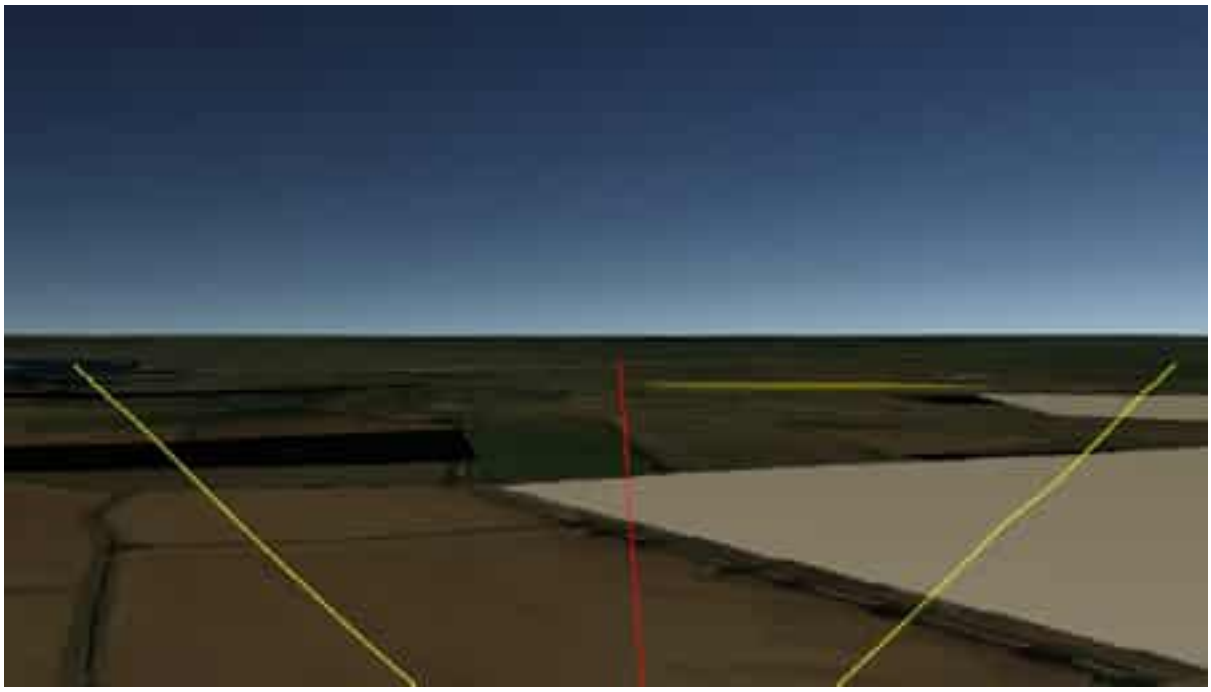
January 1st 10:15 UTC



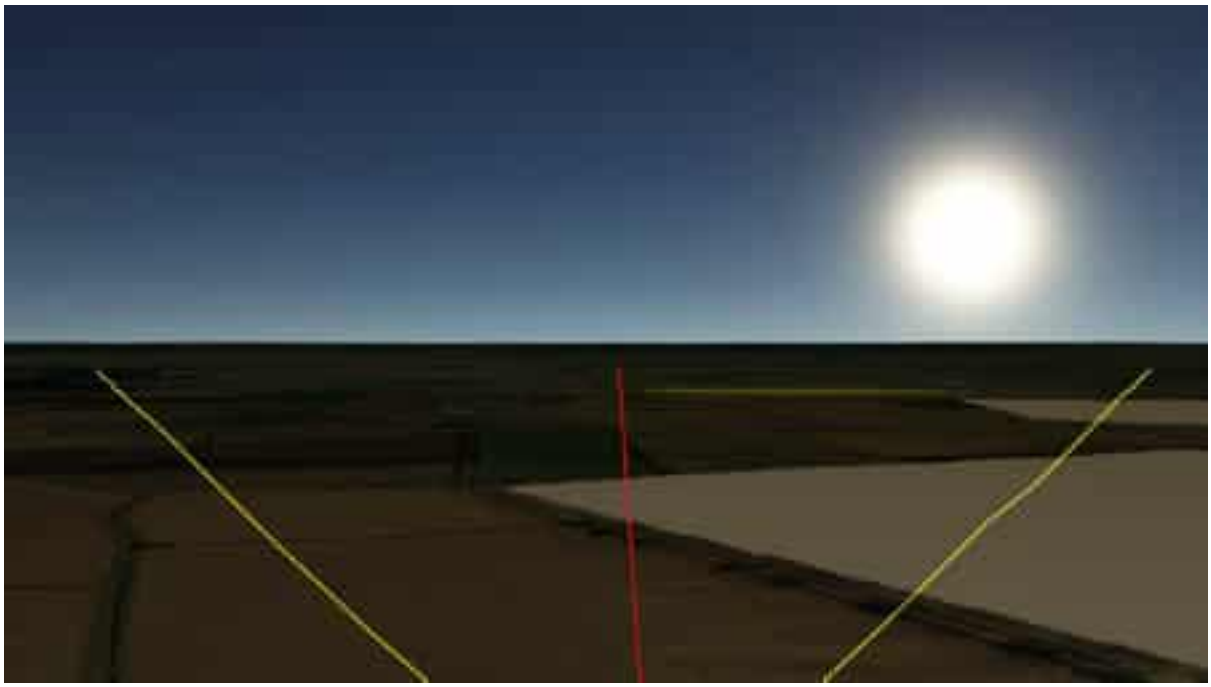
November 15th 09:00 UTC



January 1st 09:15 UTC

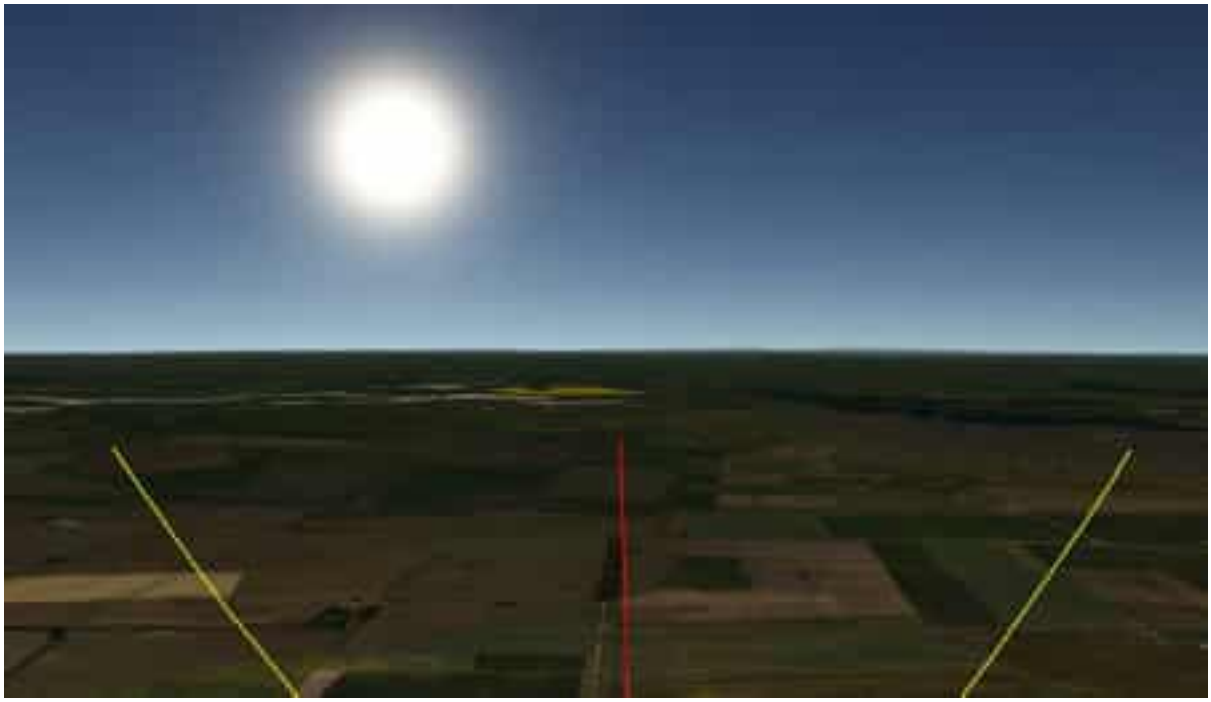


October 25th 07:30 UTC

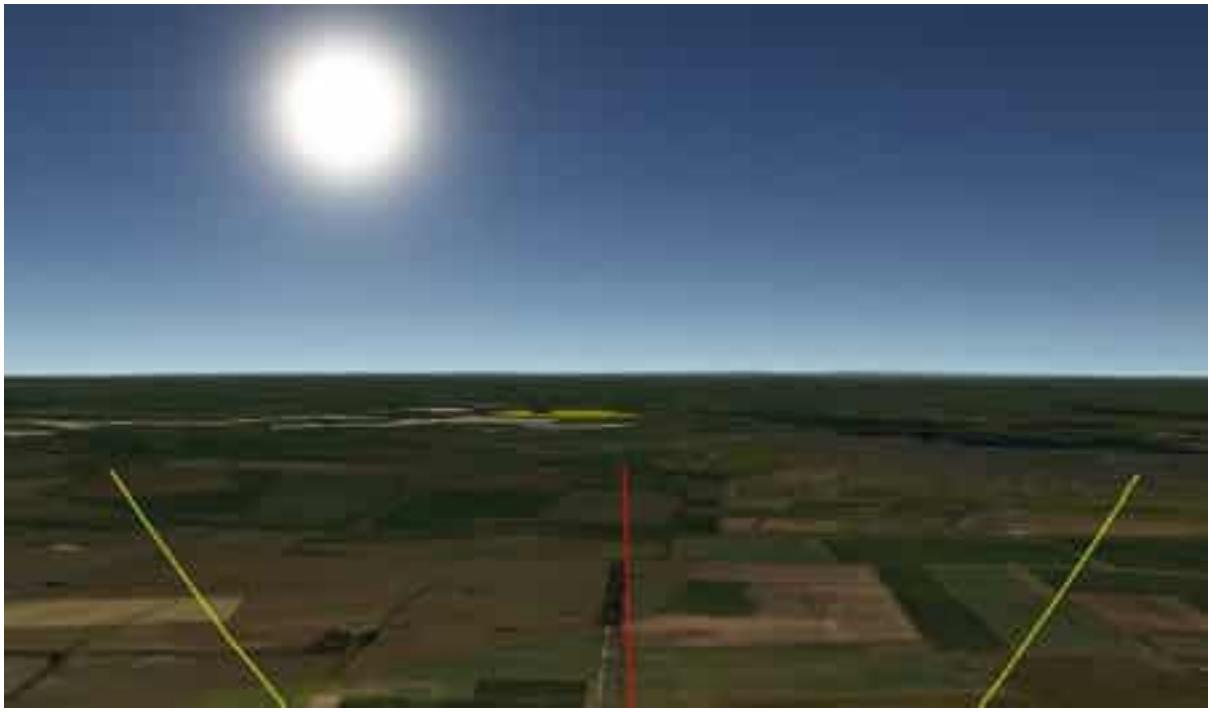


Runway 28 Approach

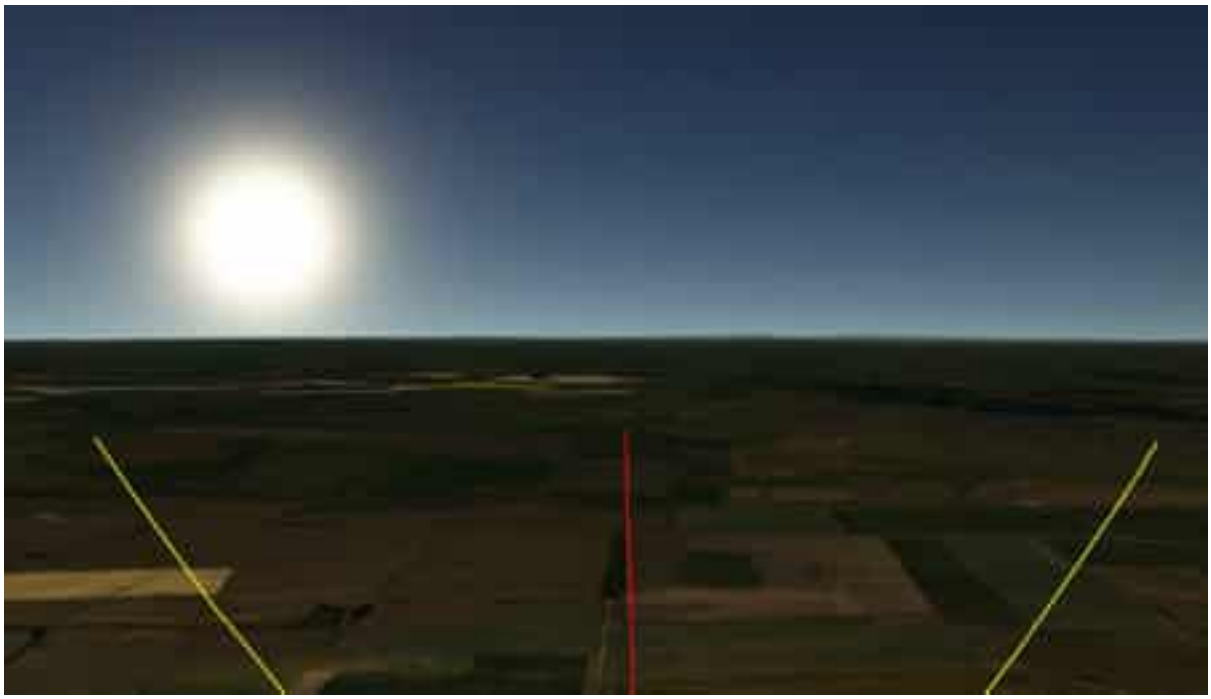
April 4th 17:45 UTC



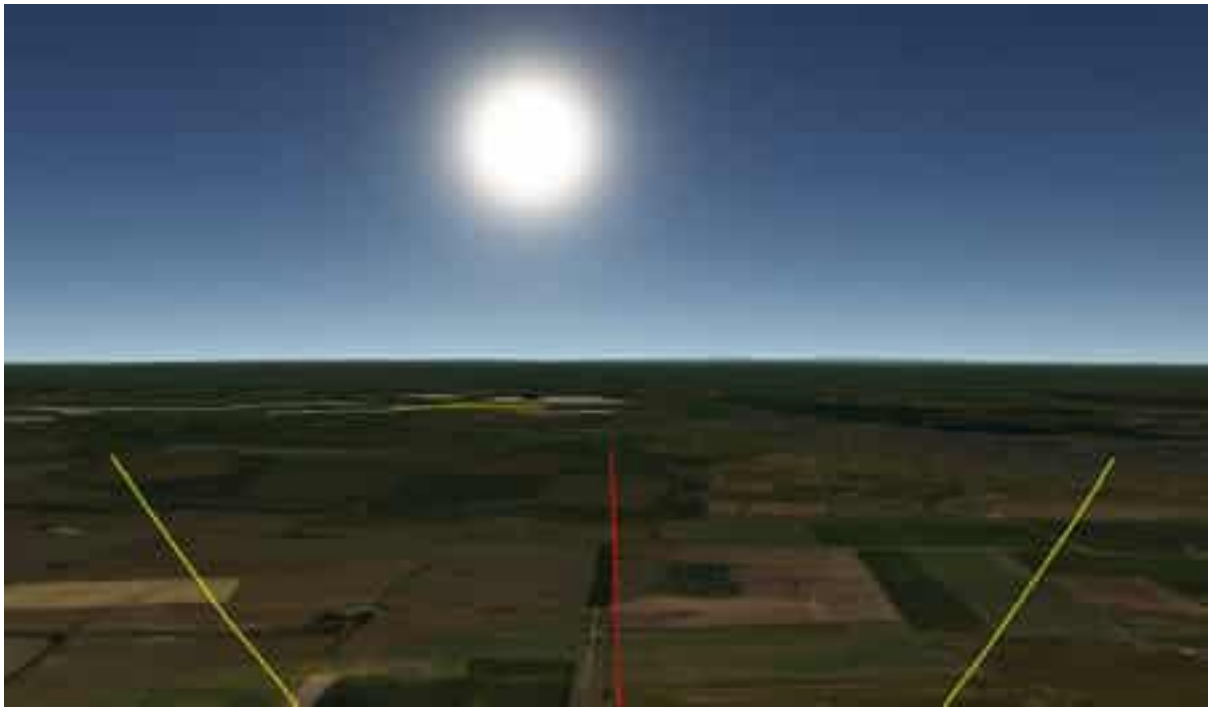
September 1st 17:30 UTC



March 20th 17:45 UTC

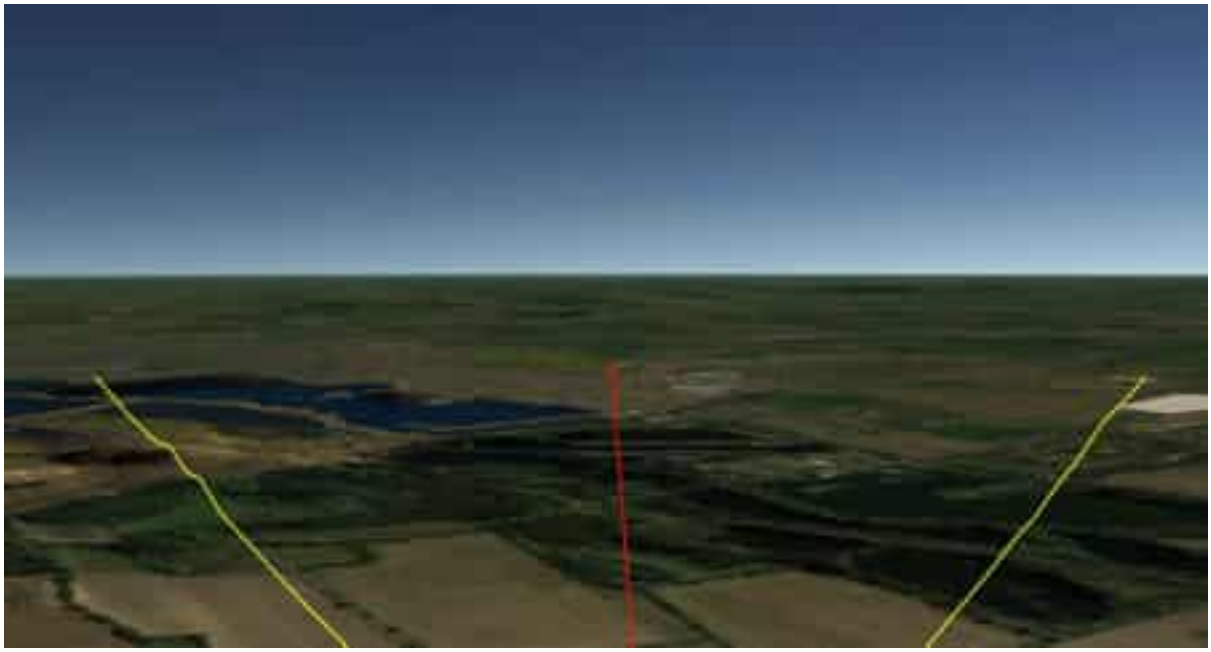


April 1st 18:00 UTC

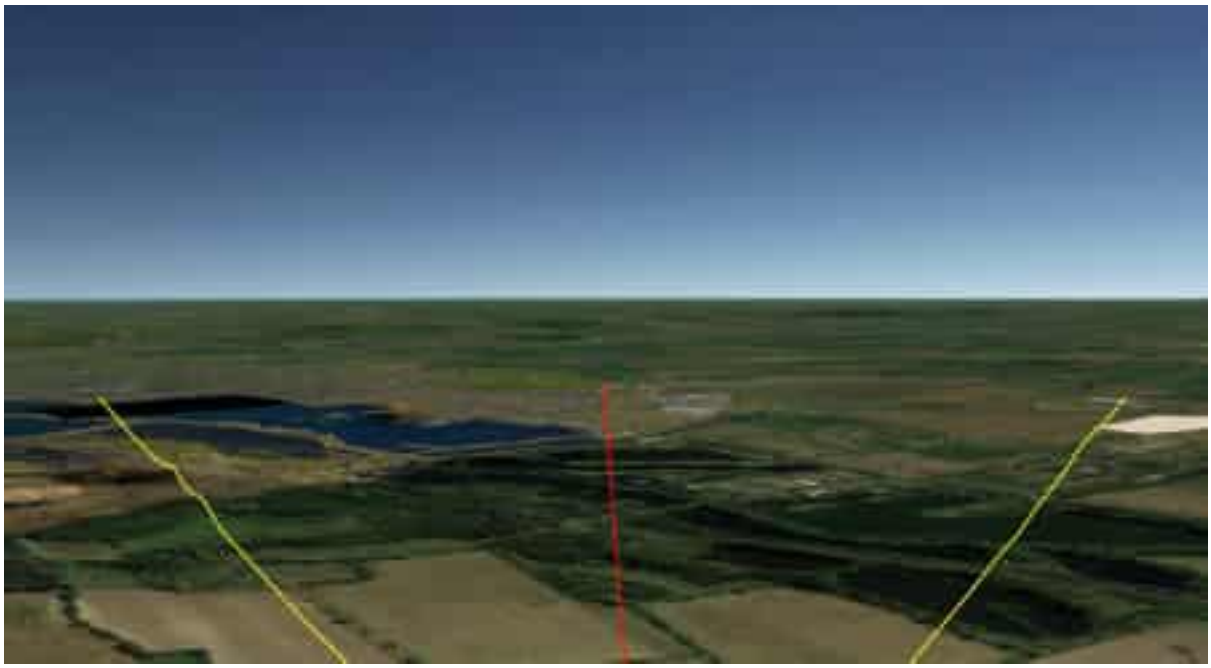


Runway 13 Approach

January 1st 12:30 UTC

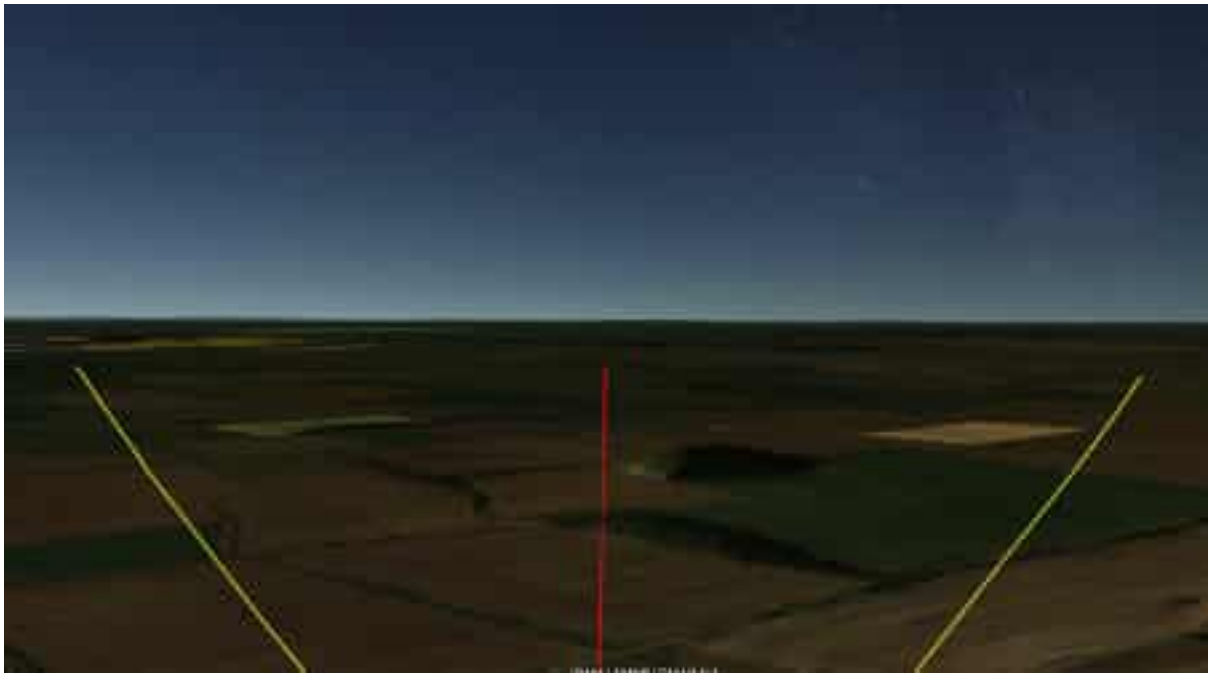


November 20th 11:45 UTC

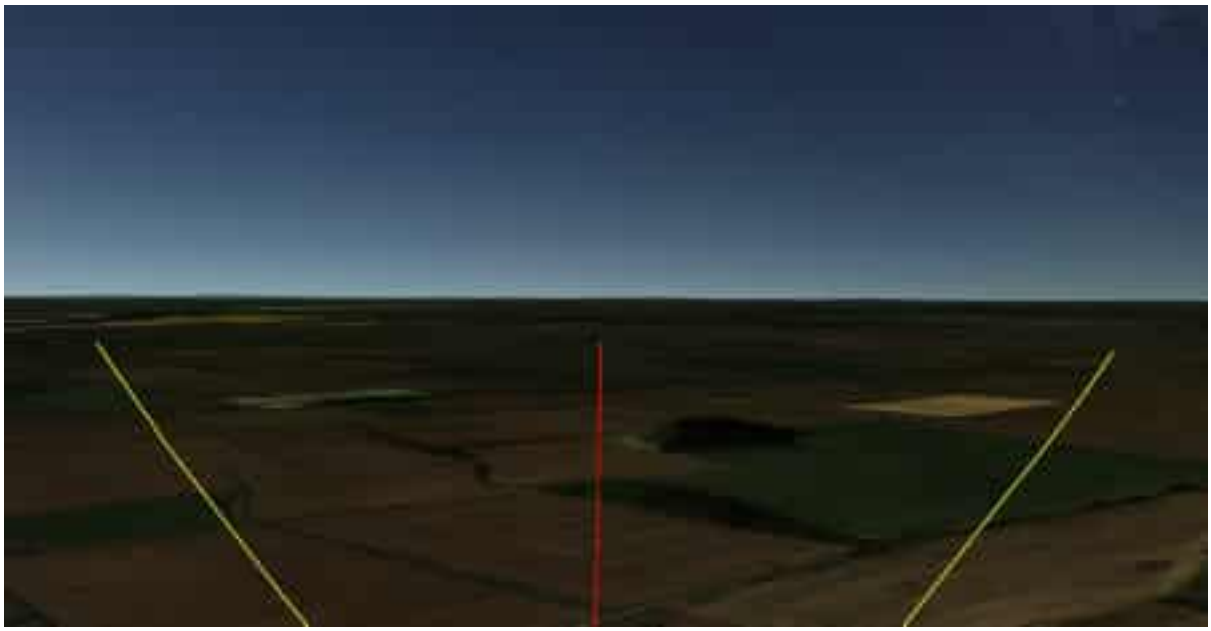


Runway 31 Approach

March 20th 17:45 UTC



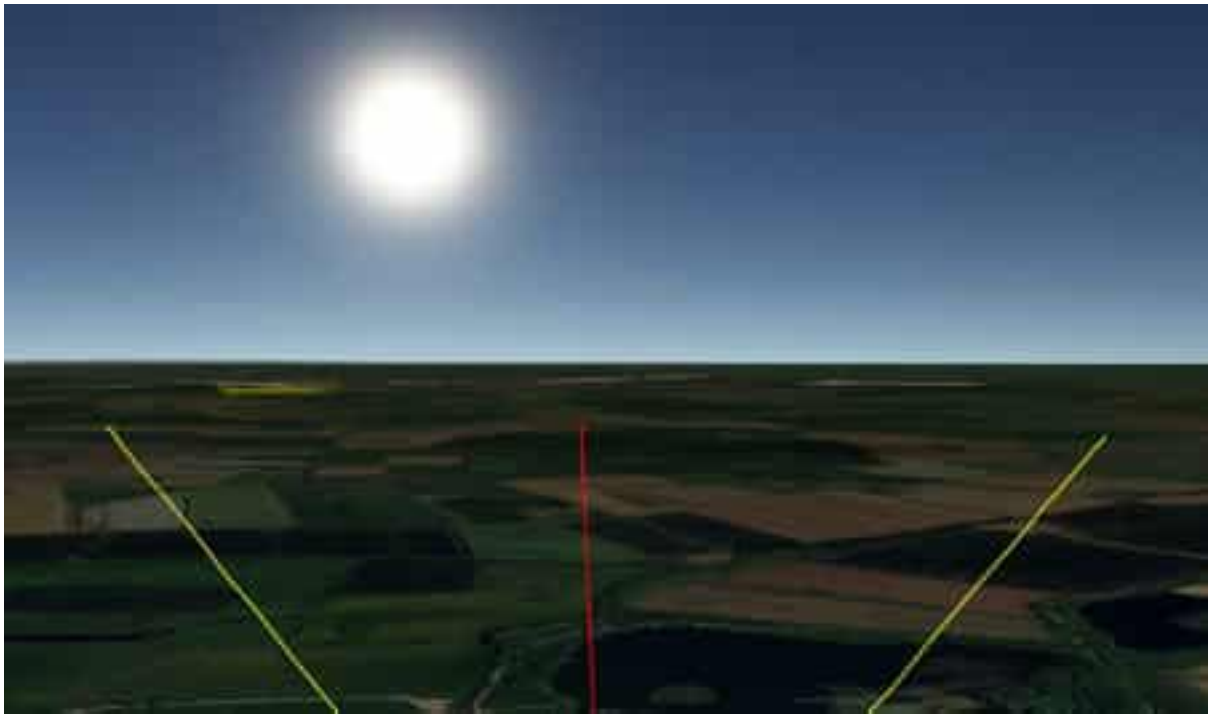
April 1st 18:00 UTC



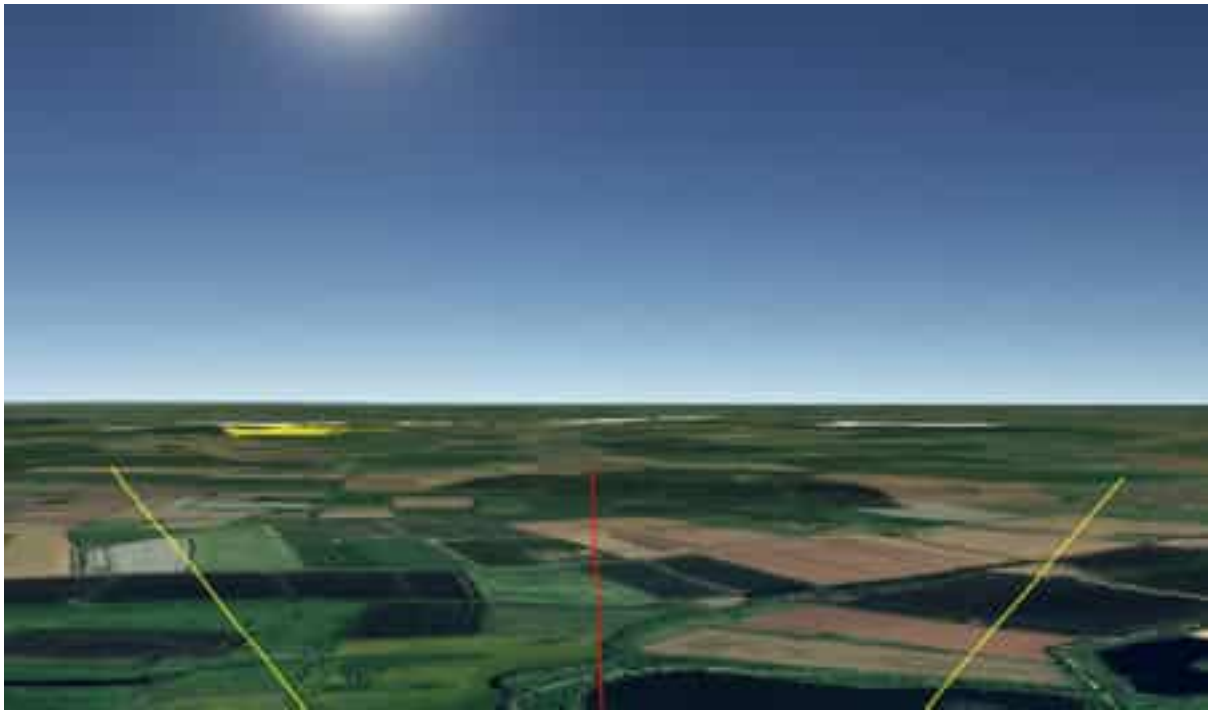
South Scarle Airfield

Runway 10 Approach

April 1st 06:45 UTC



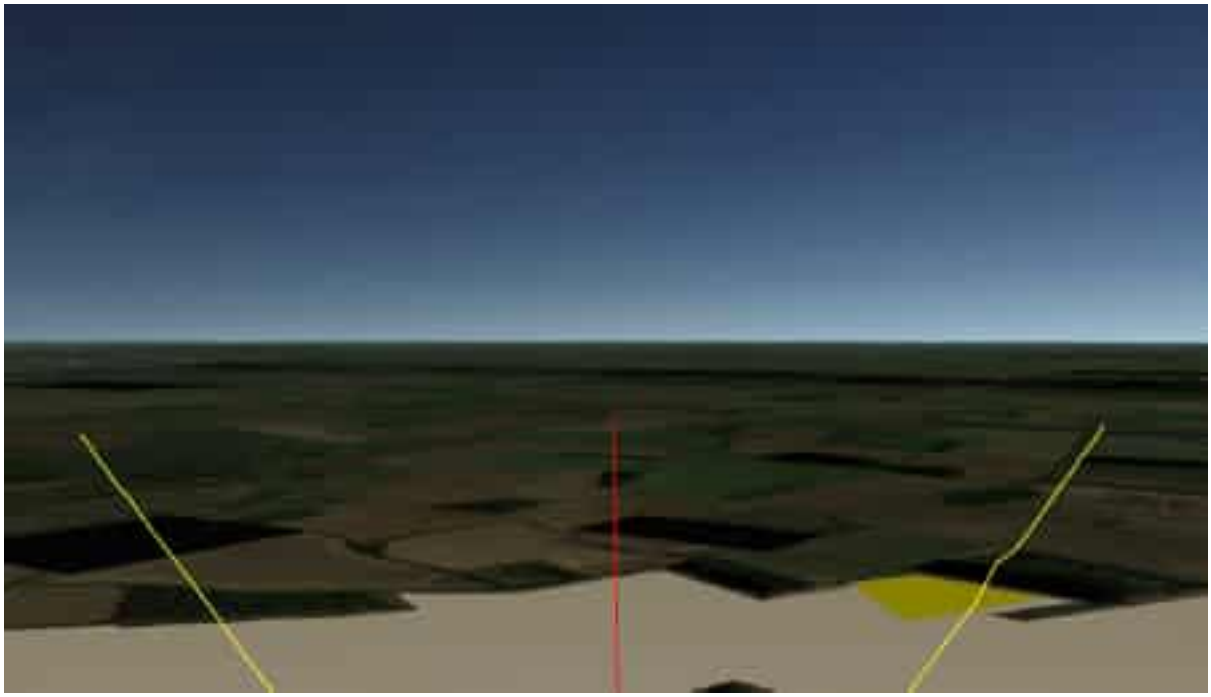
August 15th 07:00 UTC



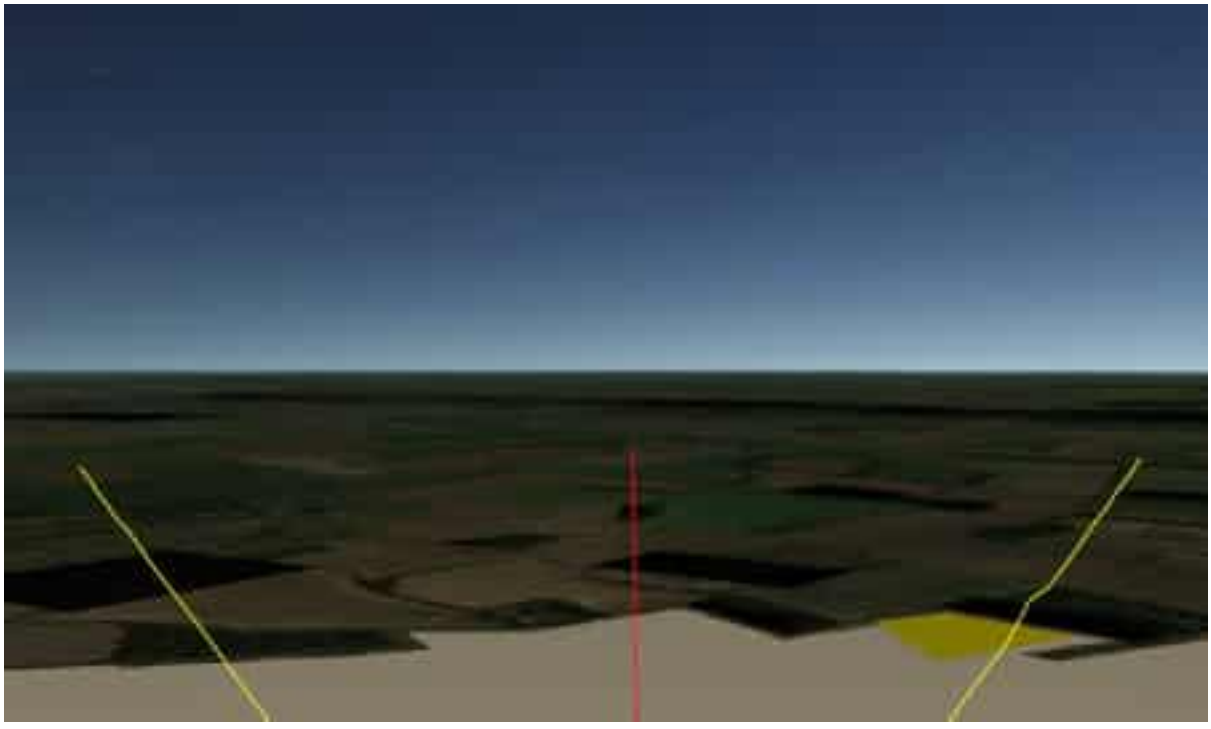
Blackmoor Farm

Runway 06 Approach

March 10th 07:45 UTC

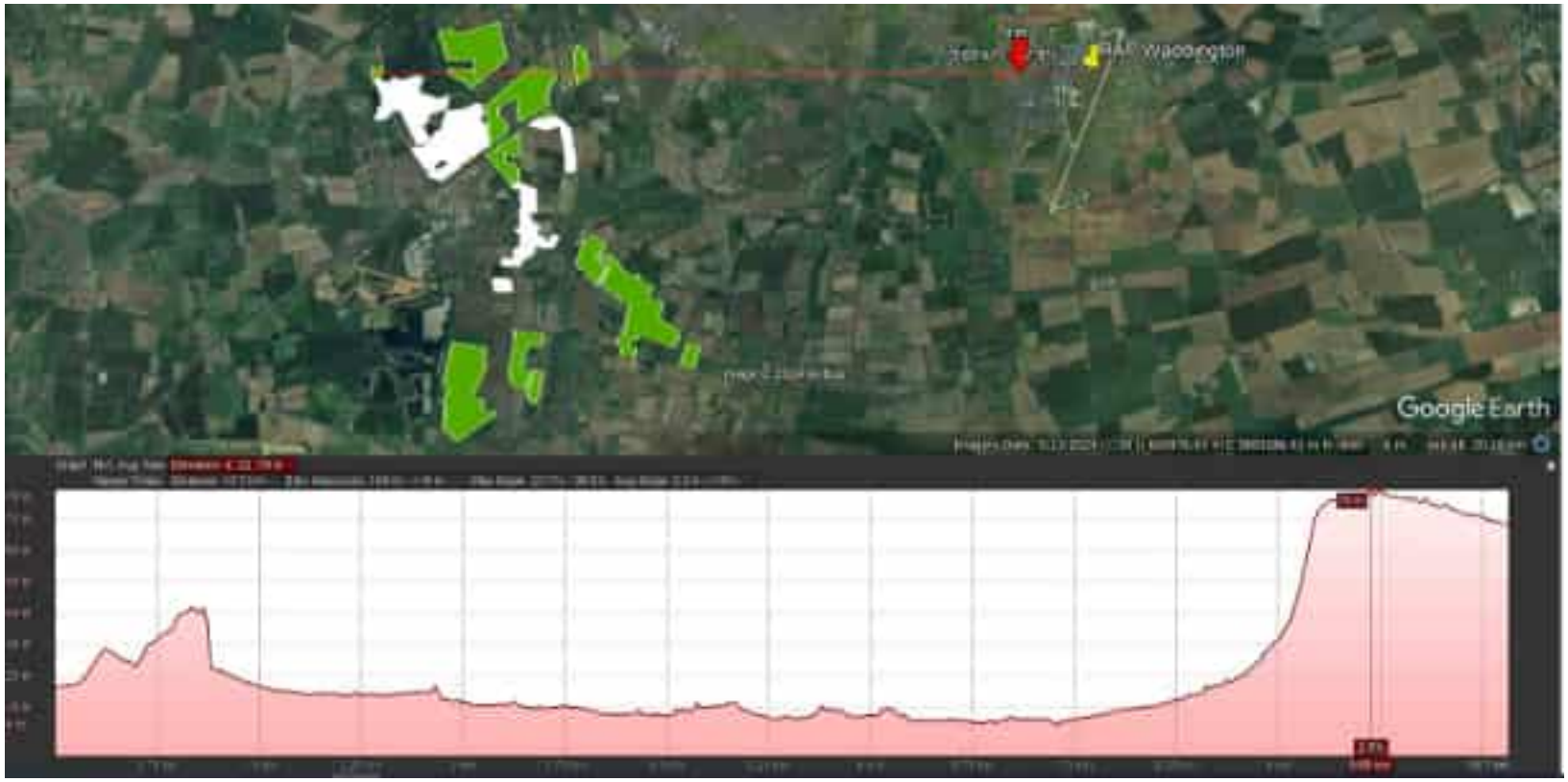


March 20th 07:15 UTC



Appendix R: Ground Elevation Profile

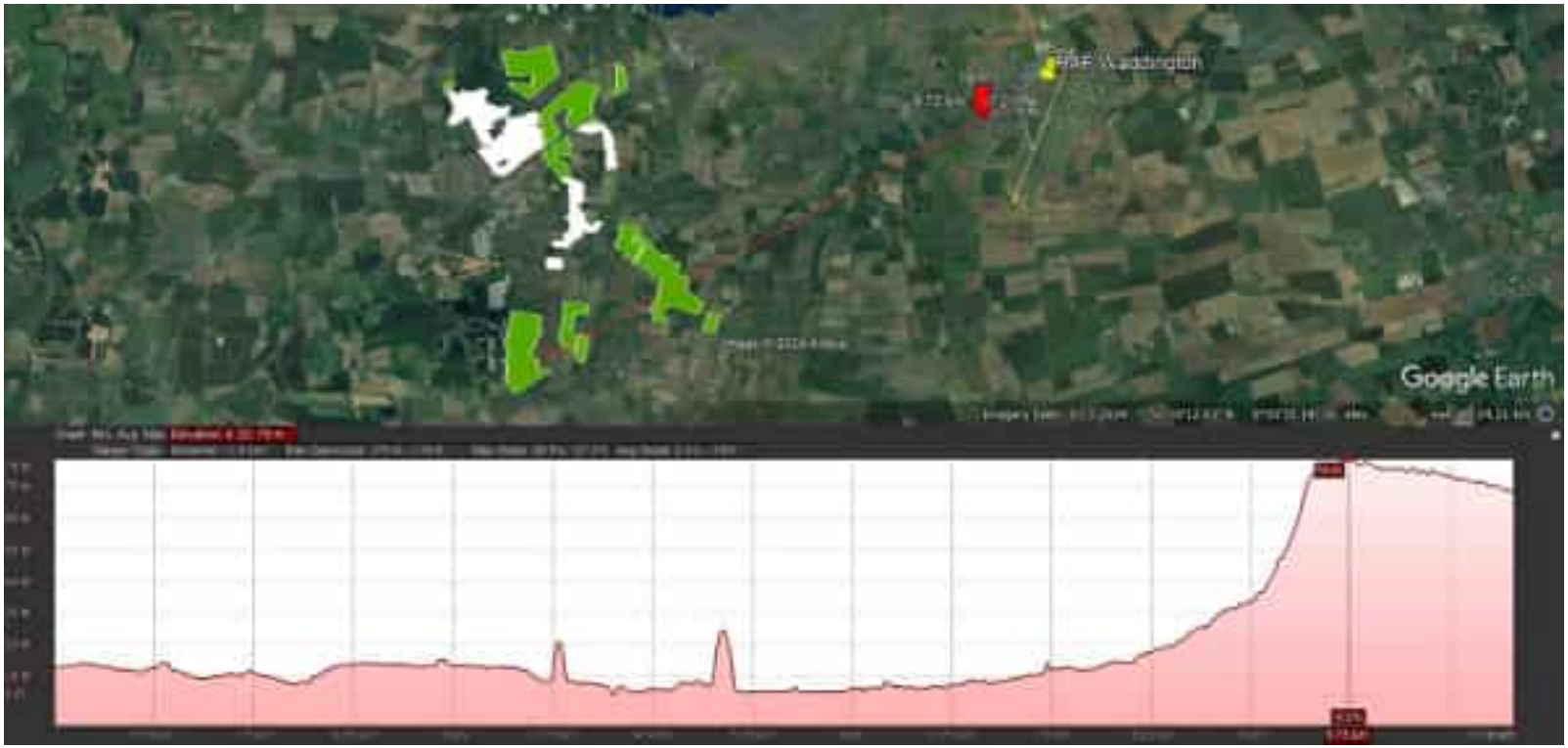
Elevation Profile Between Solar PV Site and RAF Waddington



Proposed Development

High Point

RAF Waddington ATCT



Proposed Development

High Point

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Appendix S

Solar Module Glare and Reflectance Technical Memo

Technical Notification

TITLE: SunPower Solar Module Glare and Reflectance
AUTHORS: Technical Support
APPLICATION: Residential/ Commercial
SCOPE: SunPower Modules

SUMMARY:

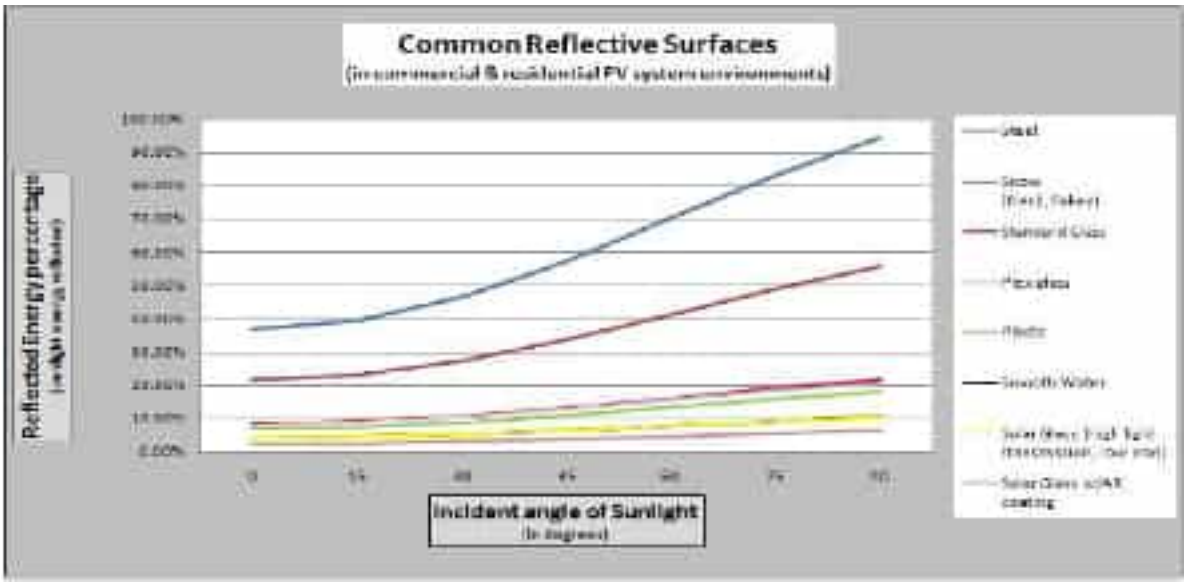
The objective of this document is to increase awareness concerning the possible glare and reflectance impact of PV Systems on their surrounding environment.

The glare and reflectance levels from a given PV system are decisively lower than the glare andreflectance generated by the standard glass and other common reflective surfaces in the environments surrounding the given PV system. Concerning random glare and reflectance observed from the air: SunPower has several large projects installed near airports or on air force bases. Each of these large projects has passed FAA or Air Force standards and all projects have been determined as "No Hazard toAir Navigation". Although the possible glare and reflectance from PV systems are at safe levels and are usually decisively lower than other standard residential and commercial reflective surfaces, SunPower suggests that customers and installers discuss any possible concerns with the neighbors/cohabitants near the planned PV system installation.

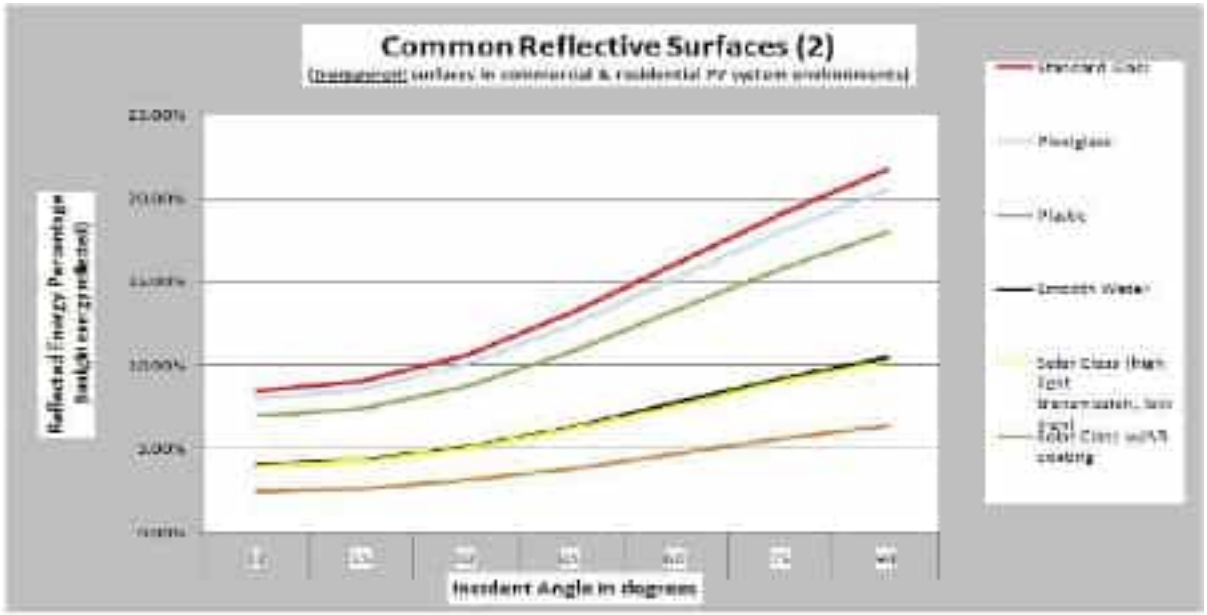
DETAILED EXPLANATION:

In general, since the whole concept of efficient solar power is to absorb as much light as possible while reflecting as little light as possible, standard solar module produces less glare and reflectance than standard window glass. This is pointed out very well in US Patent #6359212 which explains the differences in the refraction and reflection of solar module glass versus standard window glass. Solar modules use "high-transmission, low iron glass" which absorbs more light, producing small amounts of glare and reflectance than normal glass.

In the graph below, we show the reflected energy percentages of sunlight, of some common residential and commercial surfaces. The legend and the graph lists the items from top to bottom in order of the highest percentage of reflected energy.



It should be noted that the reflected energy percentage of Solar Glass is far below that of a standard glass and more on the level of smooth water. Also, below are the ratios of the common reflective surfaces:



Light beam physics resolves that the least amount of light is reflected when the beam is the normal, in other words, least light energy is reflected when the beam is at 0 degrees to the normal. The chart below is a result of light beam physics calculations:

Common Reflective Surfaces		Incident angle in degrees						
		0	15	30	45	60	75	90
Material Reflectivity (percent of incident light reflected)	Steel	30.73%	29.12%	40.34%	57.11%	70.03%	83.12%	94.60%
	Silver (Semi Mirror)	21.85%	25.09%	27.29%	33.85%	41.23%	48.08%	55.92%
	Standard glass	5.44%	5.81%	10.09%	13.11%	16.09%	19.10%	21.69%
	Plexiglass	8.08%	8.44%	10.09%	12.44%	15.24%	18.11%	20.66%
	Plastic	6.86%	7.60%	8.83%	10.87%	13.33%	15.83%	17.97%
	smooth Water	6.07%	6.08%	6.14%	6.60%	7.76%	9.13%	10.47%
	Solar Glass (low iron transmission, textured)	3.95%	4.25%	5.10%	6.25%	7.61%	9.18%	10.25%
	Solar Glass (ARM coating)	2.47%	2.64%	3.12%	3.84%	4.71%	5.58%	6.35%

(Note: Index of refraction values may vary slightly depending on suppliers and reference documentation. The values for the above calculations are averages or single values obtained from the list of references for this document).

Important reference – "Stipples glass": In addition to the superior refractive/reflective properties of solar glass versus standard glass, SunPower uses stippled solar glass for our modules. Stippled glass is used with high powered telescopes and powerful beacons and lights. The basic concept behind stippling is for the surfaces of the glass to be textured with small types of indentations. As a result, stippling allows more light energy to be channeled/ transmitted through the glass while diffusing the reflected lightenergy. This concept is why the reflection of off a SunPower solar module will look hazy and less-defined than the reflection from standard glass, this occurs because the stippled SunPower glass is transmitting a larger percentage of light to the solar cell while breaking up the intensity of the reflected light energy.

SUMMARY/ACTION REQUIRED:

The studies, data and light beam physics behind the charts and graphs prove beyond a reasonable doubt that solar glass has less glare and reflectance than standard glass. The figures also make it clear that the difference is very decisive between solar glass and other common residential/commercial glasses. In addition, not to be lost in the standard light/glass equations and calculations, the SunPower solar glass is stippled and has a very photon-absorbent solar cell attached to the back side, contributing two additional factors which results in even less light energy being reflected.

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